

**SANTA FE COUNTY
PUBLIC WORKS DEPARTMENT**

INVITATION FOR BID



SANTA FE COUNTY

IFB# 2022-0070-PW/APS

**RE-BID CONSTRUCTION SERVICES
FOR THE MADRID
FIRE STATION EXPANSION**

JANUARY 2022

SANTA FE COUNTY

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**ADVERTISEMENT
INVITATION FOR BIDS
RE-BID CONSTRUCTION SERVICES FOR THE
MADRID FIRE STATION EXPANSION
IFB# 2022-0070-PW/APS**

The Santa Fe County Public Works Department requests bids for the purpose of procuring a licensed construction company to provide improvements to the Madrid Fire Station. Bids may be held for ninety (90) days subject to all action by the County. Santa Fe County reserves the right to reject any and all bids in part or in whole. A completed bid package must be submitted in a sealed container indicating the bid title and number along with the bidding firm's name and address clearly marked on the outside of the container. **All bids must be received by 2:00 PM on Thursday, February 24, 2022 at the Santa Fe County Purchasing Division located at 102 Grant Avenue (1st Floor), Santa Fe, NM 87501.** By submitting a bid for the requested materials and/or services each firm is certifying that their bid is in compliance with the regulations and requirements stated within this IFB.

Santa Fe County has taken preventative measures to insure the safety of its staff and the public. In an effort to combat the spread of the recent COVID-19 Pandemic, the Bid Opening will be held via **WebEx by using the link below or by calling (408) 418-9388 meeting number: 2481 445 7996.** If the bidder submitting a bid chooses to stay for the bid opening, only ONE (1) person representing the firm may be in the conference room. Social distancing will be maintained during the opening and hand sanitizer will be available, all surfaces will be wiped down with disinfectant. If you plan on attending in person please email apatterson-sanchez@santafecountynm.gov.
<https://sfco.webex.com/sfco/j.php?MTID=mf632ef0290f700b4a3d4571c50e23422>

A MANDATORY Pre-Bid Conference and Site Visit will be held on Wednesday, February 9, 2022 at 2:00PM (MDT) at 5 Firehouse Lane, Madrid, NM 87010. Attendance for the Pre-Bid Meeting is MANDATORY. Only Bidders who are in attendance may bid the project. All bidders must be in attendance and on time in order to submit a bid.

EQUAL OPPORTUNITY EMPLOYMENT: All qualified bidders will receive consideration of contract(s) without regard to race, color, religion, sex, national origin, ancestry, age, physical and mental handicap, serious mental condition, disability, spousal affiliation, sexual orientation or gender identity.

Information on Invitation for Bid Documents will be available by visiting the Santa Fe County website at http://www.santafecountynm.gov/asd/current_bid_solicitations or by contacting Amanda Patterson-Sanchez, Santa Fe County Purchasing, by telephone at (505) 992-6753, email at apatterson-sanchez@santafecountynm.gov.

BIDS RECEIVED AFTER THE DATE AND TIME SPECIFIED ABOVE WILL NOT BE ACCEPTED.

Santa Fe County Public Works Department
Publish: January 30 & 31, 2022

INFORMATION FOR BIDDERS

Interest bidders shall return by e-mail, the Acknowledgement of Receipt Form that accompanies the IFB (Appendix A). The form should be legibly completed and signed by an authorized representative of the organization, dated and returned by 5:00PM on February 8, 2021 to help us track who will be attending the MANDATORY Pre-Bid Meeting and Site Visit. An agenda for the Pre-Bid Meeting will be posted on the County's Website by close of the business day on February 7, 2022.

Bids are requested by Santa Fe County for construction services for an expansion of the Madrid Fire Station in Madrid located in Santa Fe County in accordance with the plans and specifications prepared by NCA Architects and other contract documents prepared by Santa Fe County.

Santa Fe County owns and operates this un-manned station for the surrounding areas. The station is in need of renovations including ADA compliant restrooms, a training/conference area with kitchenette, exercise area, HVAC and electrical upgrades along with site improvements. The design also includes add alternates which are desired.

All applicable laws and ordinances and the rules and regulations of all authorities having jurisdiction over the project shall apply to the Contractor and all agreements between the Contractor and the County.

1. LOCATION AND DESCRIPTION OF WORK:

The work to be completed is located in at the Madrid Fire Station located at 5 Firehouse Lane, Madrid, NM 87010 within Santa Fe County, New Mexico.

The purpose of the project is to remodel the interior with specific upgrades and site improvements to meet building code requirements for the fire station. This project includes a training room addition of approximately 500 sf, renovations to existing office/conference room and toilets and renovations for an exercise room at the west end of Bay 1. Construction of additions will include standard spread footings and stem walls, concrete slab on grade, wood timber and 2x roof structure, standing seam metal roof and TPO roof system, interior architectural millwork, bearing and non-bearing metal studs, gypsum sheathing and gypsum board with scheduled finishes, exterior finish system (stucco), aluminum and hollow door and frames, solid core doors, floor/ceiling/wall finishes and mechanical/plumbing/electrical systems. New septic system and "seepage" pit and concrete parking areas is included in exterior work. Add alternatives include:

- a) New 8" concrete pads
- b) Expand bay 1
- c) New portal and slab for exercise area
- d) Repair coat and re-stucco building

Contractor shall provide services including, but not necessarily limited to the items shown below. Items to include labor, equipment, materials, construction documents,

permits, construction inspection and project closeout, along with any services necessary to complete the following services:

- a) Interior and exterior construction services.
- b) All needed construction permits and inspections
- c) All utilities and infrastructure requirements.
- d) Participate in establishing project Owner/Architect/Contractor update meetings, work closely with the County Project Manager and Architect to ensure issues are resolved timely, manage project appropriately, etc.

2. **TIME AND PLACE OF RECEIVING AND OPENING BIDS:** All bids must be received by 2:00PM on Thursday, February 24, 2022 at Santa Fe County Purchasing Division, 102 Grant Avenue (First Floor), Santa Fe, NM 87501. A bid received after the specified time will not be considered and will be returned to the bidder unopened. Due to COVID-19 pandemic Santa Fe County is taking precautions. If the firm submitting a bid chooses to stay for the bid opening, only ONE (1) person representing the firm may be in the conference room. Social distancing will be maintained during the opening, face masks must be worn and hand sanitizer will be available, all surfaces will be wiped down with disinfectant. If you plan on attending in person please email me at apatterson-sanchez@santafecountynm.gov.

A WebEx meeting has also been set up for those who prefer to attend the Bid Opening by using the link below or by calling (408) 418-9338 meeting number: 2481 445 7996.
<https://sfco.webex.com/sfco/j.php?MTID=mf632ef0290f700b4a3d4571c50e23422>

3. **SPECIFICATIONS:** The construction of this project will be in accordance with the plans and specification prepared for this project by NCA Architects, and other contract documents prepared by Santa Fe County, except as otherwise specified herein or in the contract.
4. **CONTRACT TIME:** The number of days for the completion of work (the contract time) from the Notice to Proceed is one hundred and eighty (180) days. The number of days for the completion of work is weather working calendar days, where “calendar days” are defined as consecutive business days.
5. **COPIES OF BIDDING DOCUMENTS:** The Invitation for Bid Documents will be available by visiting the Santa Fe County website at http://www.santafecountynm.gov/asd/current_bid_solicitations or by contacting Amanda Patterson-Sanchez, Santa Fe County Purchasing, by telephone at (505) 992-6753, email at apatterson-sanchez@santafecountynm.gov.

Bidders shall use complete sets of Bidding Documents in preparing bids; neither the owner nor engineer assumes responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

No license or grant of use of the Bidding Documents is conferred by issuance of copies of the bidding documents.

6. **PRE-BID MEETING:** A Pre-Bid MANDATORY Meeting and Site Visit will be held on **Wednesday, February 9, 2022 at 2:00PM** at 5 Firehouse Lane, Madrid, New Mexico 87010.
7. **BIDDER'S REPRESENTATION:** By submitting a bid the bidder represents that: a) the bidder has read and understands the Bid Documents and Contract Documents; b) the bid is made in compliance with the Bid Documents and Contract Documents; c) The bidder has visited the site and has become familiar with local conditions under which the Work is to be performed, and has correlated the bidder's personal observations with the requirements of the proposed Contract Documents; d) the bidder has familiarized itself with federal, state and local laws, ordinances, rules, and regulations affecting performance of the Work; and e) the bid is based upon the materials, equipment and systems required by the Bid Documents without exception; and f) the County shall rely on these representations.
8. **INTERPRETATIONS/ADDENDA:** All questions about the meaning or intent of the contract documents shall be submitted to the Procurement Manager in writing. ***Any contact with any other County staff member or persons other than the Procurement Specialist Senior named in this solicitation may be grounds for disqualification.***

Replies will be issued by written addenda mailed or delivered to all parties recorded by the Procurement Manager, as having received the bidding documents at least seven (7) calendar days before the scheduled bid opening date. Questions received less than seven (7) calendar days prior to the date for opening of bids will not be answered. Only questions answered by formal written addenda will be binding. Oral and other interpretations or clarifications will be without legal effect. Written questions or inquiries in relation to the Invitation for Bid will be directed to:

Amanda Patterson-Sanchez, Procurement Specialist Senior
Santa Fe County Purchasing Division
102 Grant Avenue
Santa Fe, NM 87501
Ph. (505) 992-6753
Fax (505) 989-3243
Email – apatterson-sanchez@santafecountynm.gov

Addenda will be transmitted to all bidders who submitted the Acknowledgement of Receipt form.

Copies of addenda will be made available for inspection wherever Bid Documents are on file for that purpose. Each addendum shall be part of the contract documents as specified in the written contract, attached to these specifications.

Addenda will be issued no later than five (5) working days prior to the date for receipt of bids except an addendum withdrawing the request for bids or one which includes postponement of the date for receipt of bids.

Each bidder shall ascertain prior to submitting a bid that the bidder has received all addenda and the bidder shall acknowledge receipt in the bid.

9. PREFERENCES IN PROCUREMENT:

New Mexico In-state Preference.

- A. New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for an **“in-state resident contractor”**. Application of a resident contractor preference requires the bidder to provide a copy of a valid and current certificate as a resident contractor. Certificates are issued by the state taxation and revenue department.

If a bidder submits with its bid a copy of a valid and current in-state resident contractor certificate, the bidder’s bid will be deemed to be 5% lower than the bid actually submitted.

Certification by the department of taxation and revenue for the resident contractor takes into consideration such activities as the business or contractor’s payment of property taxes or rent in the state and payment of unemployment insurance on employees who are residents of the state.

OR

B. New Mexico Resident Veteran Preference.

New Mexico law, Section 13-1-22 NMSA 1978, provides a preference in the award of a public works contract for a **“resident veteran contractor”**. Certification by the department of taxation and revenue for the resident veteran contractor requires the bidder to provide evidence of annual revenue and other evidence of veteran status.

A bidder who wants the veteran contractor preference to be applied to its bid is required to submit with its bid the certification from the department of taxation and revenue and the sworn affidavit attached hereto as Appendix C.

If a bidder submits with its bid a copy of a valid and current veteran resident contractor certificate, the bidder’s bid will be deemed to be 10%, 8% or 7% lower than the bid actually received, depending on the business’ annual revenue.

The in-state resident contractor preference is not cumulative with the resident veteran contractor preference.

The in-state and veteran preferences do not apply to procurement of services or goods involving federal funds or federal grant funds.

Additional information about obtaining the certificate as a resident contractor and resident veteran contractor may be found at:

<http://www.tax.newmexico.gov/Businesses/Pages/In-StatePreferenceCertification.aspx>.

10. **SUBCONTRACTORS, SUPPLIERS AND OTHERS:** The contractor shall be required to fully comply with the Subcontractors Fair Practices Act, NMSA 1978, 13-4-31 to 13-4-42.
 - A. The contractor, in the bid documents, must identify in writing to the County those portions of the work that it proposes to subcontract and after the Notice of Award, may only subcontract other portions of the work with the County's written consent.
 - B. Any subcontractor who will be providing more than \$5,000 or one-half of one percent of the architect's or engineer's estimate of the total project cost (not including alternates) whichever is greater for any service, must be listed on the Subcontractor Listing form.
 - C. A subcontractor who submits a bid valued at more than sixty thousand dollars (\$60,000) for a County project is subject to the Public Works Minimum Wage Act (13-4-10 NMSA 1978). The registration number shall be provided in the bid submitted by the Contractor in the space provided for subcontracts with work proposed. After the bid opening, the registration numbers will be verified by the County and the bid will be determined to be non-responsive and disqualified if the registration number(s) appear to be non-valid and the subcontractor does not provide proof of the required registration for itself or its subcontractors for work proposed over the sixty thousand dollars (60,000).
 - D. The Contractor will not be required to employ any other subcontractor, other person or organization against whom he has reasonable objection.
11. **SUBSTITUTIONS:** The materials, products, and equipment described in the Bid Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution. **No substitution will be considered prior to receipt of bids.**
12. **WAGE RATES/REGISTRATION WITH THE LABOR AND INDUSTRIAL DIVISION OF THE LABOR DEPARTMENT:** The contractor shall be required to fully comply with the Public Works Minimum Wage Act, NMSA 1978, 13-4-11 thru 13-4-17. If the minimum wage rate determination for the project is not included in the initial Bid Documents, it will be furnished in an addendum.

A contractor or subcontractors who submit a bid valued at more than sixty thousand dollars (\$60,000) for a public works project that is subject to the Public Works Minimum Wage Act must be registered with the New Mexico Workforce Solutions at the time of the bid opening. The registration number shall be provided in the bid submitted by the contractor in the space provided for subcontracts with work proposed. After the bid opening, the registration numbers will be verified by the County and the bid will be

determined to be non-responsive and disqualified if the registration numbers are ***“inactive”*** and the contractor does not provide proof of the required registration for itself or its subcontractors for work proposed over sixty thousand dollars (\$60,000).

For a public works contract whose value is \$60,000 or more, the NM Public Works Minimum Wage Act, 13-4-11 NMSA 1978, also requires all tiers of subcontractors to submit certified weekly payroll records to the general contractor and the County biweekly. If this provision applies, the contractor shall, and shall require all tiers of subcontractors, to submit certified weekly payroll records to the contractor and the County’s Project Manager for this project.

13. BID FORM:

- A. The bid forms are included in the bidding documents; additional copies may be obtained from the Santa Fe County Purchasing Division.
- B. Bid forms must be completed in either ink or typewritten. The bid price of each item on the form must be stated in numerals and written words; in case of an error in extensions in the unit price schedule, the unit price shown in written words shall govern.
- C. Bids by corporations must be executed in the corporate name by the president or a vice president (or other corporate office accompanied by evidence of authority to sign) and the corporate seal shall be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation shall be shown below the signature.
- D. Bids by partnerships must be executed in the partnership name and signed by a partner, their title must appear under their signature and the official address of the partnership must be shown below the signature.
- E. All names must be typed or printed below the signature.
- F. The bid shall contain an acknowledgment of receipt of all addenda (the numbers of which shall be filled in on the bid form).

- 14. BID SECURITY:** Each individual bid shall be accompanied by bid security equal to 5% of the amount of the bid. Such bid security shall be in the form of a certified or cashier’s check made payable to the County or a surety bond issued by a surety authorized to conduct business in the State of New Mexico and who is approved in federal circular 570 as published by the U.S. Treasury Department.

By submitting the bid and providing the bid security, the bidder pledges to enter into a binding contract with the County and will furnish bonds covering the faithful performance of the contract and payment of all obligations arising hereunder.

The County will have the right to retain the bid security of bidders to whom an award is being considered until either the contract has been executed and bonds, if required, have been furnished or the specified time has elapsed so that bids may be withdrawn or all bids have been rejected.

15. **POWER OF ATTORNEY:** Attorneys in fact who sign bonds must attach certified effective copies of their Power of Attorney to all bonds.
16. **QUALIFICATION OF BIDS:** All contractors and subcontractors must have a valid New Mexico license appropriate to the work herein specified at the time the bid is submitted.
17. **SUBMISSION OF BIDS:** Bids shall be submitted at the time and place indicated in the “Advertisement for Bids” on page 3 of this IFB and shall be enclosed in an opaque sealed envelope, marked with the project title, name and address of the bidder, N.M. License Number, and accompanied by the list of subcontractors and other required documents. All blanks must be filled in. Conditional bids will not be considered. The envelope shall be addressed to:

Amanda Patterson-Sanchez, Procurement Specialist Senior
Santa Fe County Purchasing Division
102 Grant Avenue
Santa Fe, NM 87501

18. **MODIFICATION AND WITHDRAWAL OF BIDS:** A bid may not be modified, withdrawn or canceled by the bidder following the time and date designated for the receipt of bids, and each bidder so agrees to these conditions by submitting a bid.

Prior to the time and date designated for receipt of bids, a bid submitted may be modified or withdrawn by notice to the County at the address designated for receipt of bids. Such notice shall be in writing and signed by the bidder.

Upon receipt such written confirmation shall be date and time stamped by the County on or before the date and time set for receipt of bids. A modification of a bid shall be worded as not to reveal the amount of the original bid.

19. **GROSS RECEIPTS TAXES:** The amount of the bid shall exclude applicable New Mexico Gross Receipts Taxes or applicable local option taxes. The applicable gross receipts tax or applicable local option taxes shall be computed and shown as a separate amount on each request for payment made under the contract.
20. **CONSIDERATION OF BIDS:** Bids received on time will be opened publicly and will be read aloud, and an abstract of the amounts of the base bids and alternates or bid items, if any, will be made available to the bidders. Each bid shall be open to public inspection.
21. **BID OPENING PROCEDURE:** Santa Fe County has taken preventative measures to insure the safety of its staff and the public. In an effort to combat the spread of the recent COVID-19 Pandemic, the Bid Opening will be held via WebEx. If a firm submitting a bid chooses to stay for the bid opening, only ONE (1) person representing the firm may

be in the conference room. Social distancing will be maintained during the opening and hand sanitizer will be available, all surfaces will be wiped down with disinfectant.

The person or persons opening the bids shall verify that the requirements of the Instruction to Bidders have been fulfilled, and shall read aloud the name of each apparently responsive bidder and the bid amount(s). If any requirements have not been met, the bid shall be deemed non-responsive and disqualified. Each bid shall be reviewed for the following:

- A. Bid Proposal – Include name of bidder, type of organization, contractor’s license number and DOL registration number and all required signatures.
- B. Bid Form- Include acknowledgement of all addenda, if applicable, bidder’s name, title, address, telephone number, contractor’s license number and type, United States Treasury number, resident preference certificate, if applicable, and all required signatures.
- C. Bid Sheet-Include best price offered, excluding GRT.
- D. Non-Collusion Affidavit for Prime Bidder Form-Include all required notarized signatures.
- E. Certification of Non-Segregated Facilities Form-Include all required notarized signatures.
- F. Certification of Bidder Regarding Equal Employment Opportunity Form-Include all required signatures.
- G. Bid Bond-Include all required notarized signatures.
- H. Bid Security- Shall be in the form of a certified or cashier’s check made payable to the County or a surety bond issued by a surety.
- I. Subcontractor’s Listing Form-List of all subcontractors performing work over \$5,000.00, include name, address, telephone number, license number and **active** NM Department of Workforce Solutions Registration Number.
- J. Campaign Contribution Disclosure Form-Include all required signatures.
- K. Valid certificate of resident business or resident contractor.

IF ANY OF THESE REQUIREMENTS HAVE NOT BEEN MET, THE BID MAY BE DISQUALIFIED AND CONSIDERED NON-RESPONSIVE.

22. BIDS TO REMAIN OPEN: All bids shall remain open for ninety (90) days after the day of the bid opening.

23. AWARD OF CONTRACT:

- A. The County reserves the right to reject any and all bids and waive any and all informalities or technicalities and the right to disregard all nonconforming or conditional bids or counter proposals.
- B. If a contract is to be awarded, it will be awarded to the lowest responsible bidder submitting a bid that is either: (i) the lowest base bid; or (ii) the lowest bid including the base bid and bid alternate(s); or (iii) the lowest bid including the base bid and any combination of bid alternates.

- C. If the lowest responsible bidder has otherwise qualified, the lowest bidder may negotiate with the County for a lower bid if the lowest bid is within **ten percent** over budgeted project funds in order to prevent all bids from being rejected. No change in the original scope and/or terms and conditions will be allowed. Negotiations may be permitted with product, materials, and equipment alternatives as determined to be in the best interest of the County.
 - D. Alternates may be accepted and awarded in any manner or order based on available budget. The County reserves the right not to award any particular alternate.
 - E. **The awarded contractor must register all active subcontractors on the State of New Mexico Workforce Solutions website upon approval of Notice of Award entered by Santa Fe County.**
- 24. **LIQUIDATED DAMAGES:** Liquidated damages in the amount of one hundred fifty (\$150.00) per each calendar day shall be assessed after the completion date (as adjusted by change orders) until the issuance of a Certificate of Substantial Completion for the entire project.
 - 25. **PREFERENCES IN EQUIPMENT AND MATERIAL:** In the construction of this project, the County has no preference for any process, type of equipment, or kind of material, but will consider all processes, types of equipment or kinds of material offered on a usual competitive basis if they are in fact equal to that specified and will accomplish the purpose intended. The County reserves the right to be the sole judge as to whether or not a different process, type of equipment or kind of material offered is in fact equal to that specified.
 - 26. **LICENSE OR ROYALTY FEES:** Licenses and/or royalty fees for products or for processes must be paid for directly by the contractor.
 - 27. **PERMITS:** It is the responsibility of the contractor and each subcontractor to obtain permits and inspections required by the County and/or the State of New Mexico or any other entity that may have jurisdiction over the construction.
 - 28. **COLLUSION:** No bidder shall be interested in more than one bid. Collusion among bidders or the submission of more than one bid under different names by any firms or individual shall be cause for rejection of all bids in question without consideration.
 - 29. **QUANTITIES:** The quantities set forth in the bid proposal are estimated quantities on which bids will be compared and which will be the basis for award of contract. Payment will be made for work actually performed.
 - 30. **PROTEST PROCEDURE:** Any bidder who is aggrieved in connection with procurement may protest to the County Purchasing Manager as set forth in Resolution No. 2006-60 by the Board of County Commissioners. A copy of Resolution No. 2006-60 is available upon request. The protest must be in writing and be submitted within fifteen (15) days after the facts or occurrences. The complete procedures and requirements

regarding protests and resolution of protests are available from the Santa Fe County Purchasing Division upon request.

31. **CONTRACTOR'S QUALIFICATION STATEMENT:** A bidder to whom award of a contract is under consideration shall submit, upon request, information and data to prove that its financial resources, production or service facilities, personnel, and service reputation and experience are adequate to make satisfactory delivery of the services, construction, or items of personal property described in the Bidding Documents.
32. **BOND REQUIREMENTS – PERFORMANCE BOND AND PAYMENT BOND:** If awarded the contract, a bidder shall furnish bonds covering the faithful performance of the contract and payment of all obligations arising thereunder. The amount of the bonds, performance and payment, shall each be equal to 100% of the contract sum. Bonds shall be issued by a surety authorized to conduct business in the State of New Mexico and who is approved in federal circular 570 as published by the U.S. Treasury Department. The cost of the bonds shall be included in the bid.
33. **TIME OF DELIVERY AND FORM OF BONDS:** The bidder shall deliver the required bonds to the County no later than seven (7) days following the date of execution of the contract. If the Work is to be commenced prior thereto in response to a letter of intent, the bidder shall, prior to commencement of the Work, submit evidence satisfactory to the County that such bonds will be furnished and delivered in accordance with this section.

The bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of attorney.
34. **WARRANTY:** The contractor shall furnish a written warranty of workmanship to the Procurement Manager for a period of one (1) year following the completion date in addition to all other warranties required by the Contract Documents.
35. **NOTICE OF AWARD:** A written Notice of Award shall be issued by the County after review and approval of the bid and related documents.
36. **IDENTICAL BIDS:** If two or more identical low bids are received, the County will apply the process described at Section 13.1.110 NMSA 1978, of the State Procurement Code.
37. **CANCELLATION OF AWARD:** When in the best interest of the public, the County may cancel the award of any contract at any time before the execution of said contract by all parties without any liability against the County.
38. **NOTICE TO PROCEED:** The County will issue a written Notice to Proceed and a purchase order to the contractor stipulating the date from which contract time will be charged and the date contract time is to expire.

39. **FAILURE TO EXECUTE CONTRACT:** Failure to return the signed contract with acceptable contract bonds and certificate of insurance within ten (10) calendar days after the date of the Notice of Award shall be just cause for the cancellation of the award. The award may then be made to the next lowest responsible bidder, or the work may be re-advertised and constructed under contract or otherwise, as the owner may decide.
40. **INSURANCE REQUIREMENTS:** At a minimum upon execution of the Agreement between the County and the contractor, the contractor shall furnish to the County, Certificates of Insurance naming Santa Fe County as an additional insured for the insurance coverage as specified in the sample contract and the County's supplementary conditions attached hereto.
41. **CLARIFICATION OF NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR, AND CERTIFICATION OF SUBCONTRACTOR REGARDING EQUAL EMPLOYMENT OPPORTUNITY:** The general contractor is not required to present completed "Non-Collusion Affidavit of Subcontractor" and "Certification of Subcontractor Regarding Equal Employment Opportunity" forms from their subcontractors at the time of bid submittal; however, once the contract is awarded, the general contractor is responsible for providing these forms along with the bonds and certificate of insurance.
42. **SUBCONTRACTOR PERFORMANCE AND PAYMENT BOND:** A subcontractor whose work to be performed on a public works building project is one hundred twenty-five thousand dollars (\$125,000) or more shall submit a performance and payment bond in the amount of the work they are to perform on the project. These bonds will be submitted within the stated (10) calendar days after the date of the Notice to Award.
43. **OPERATIONS AND MAINTENANCE MANUALS:** At the completion of the project but prior to the Substantial Completion certificate approved by the engineer, the contractor shall submit to the Project Manager two (2) copies of a three ring binder with all maintenance and operations instructions for all systems and items within this phase of construction, if applicable.
44. **NOTICE:** The Procurement Code, Sections 13-1-28 through 13-1-199 NMSA 1978, imposes civil and misdemeanor criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for bribes, gratuities, and kickbacks.
45. **SUFFICIENT APPROPRIATION:** Any contract awarded as a result of this IFB process may be terminated if sufficient appropriations or authorizations do not exist. Such termination will be effected by sending written notice to the contractor. The County's decision as to whether sufficient appropriations and authorizations are available will be accepted by the contractor as final.
46. **NUMBER OF BIDS ACCEPTED:** Bidders shall submit only one (1) bid in response to this IFB.

47. **LIVING WAGE:** Contractor shall comply with the requirements of the Santa Fe County Ordinance 2014-1 (Establishing a Living Wage).
48. **DOUBLE SIDED DOCUMENTS:** All submitted bids/proposal documents shall be double-sided, pursuant to Santa Fe County Resolution 2013-7, Adopting Sustainable Resource Management Principles, Section 2. A. Waste Reduction and Reuse...” all documents are to be double-sided, including those that are generated by outside entities using County funds and by consultants and contractors doing business with the County”.

BID PROPOSAL
IFB# 2022-0070-PW/APS
RE-BID CONSTRUCTION SERVICES FOR THE
MADRID FIRE STATION EXPANSION

To Santa Fe County, State of New Mexico, Owner:

In compliance with the Information for Bidders and in strict conformance with the Contract Documents, _____, hereinafter called the Bidder, organized and existing under the laws of the State of New Mexico as a _____ (type of business or legal entity), hereby proposes to perform all the WORK required for the re-bid construction services for the Madrid Fire Station located in Santa Fe County, New Mexico.

The undersigned declares that it is the only person or parties interested in the proposal as principals are those named herein; that the proposal is made without collusion with any person, firm or corporation; that it has carefully examined the specifications, including special provisions, if any, and that it has made a personal examination of the site of the work, that it is to furnish all the necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials specified in the manner and the time prescribed; that it understands that the quantities are approximate only and subject to increase or decrease, and that it is willing to perform any increased or decreased quantities of work at unit price bid.

The undersigned hereby agrees to execute and deliver the Construction Agreement within ten (10) days, or such further time as may be allowed in writing by Santa Fe County after receiving notification of the acceptance of this proposal, and it is hereby mutually understood and agreed that in case we do not, Santa Fe County may proceed to award the contract to others.

We hereby agree to commence the work within fifteen (15) days, or such further time as may be allowed in writing by Santa Fe County after notification to proceed.

The undersigned proposes to guarantee all work performed under these plans, specifications and contract for one year after acceptance by the County and repair and maintain same until the date of acceptance by Santa Fe County.

Signature-Title

(Corporate Seal)

Corporate Name

Address

City, State, Zip Code

Names of individual members of
firms or names and titles of all
officers of Corporation.

Corporation organized under
the Laws of the State of

New Mexico Contractor's License No.

NM Department of Workforce Solutions,
Public Works Labor Enforcement Fund
Registration Number:

**SANTA FE COUNTY
BID FORM**

FROM: _____

_____ hereinafter called "Bidder".

TO: Santa Fe County
102 Grant Avenue
Santa Fe, New Mexico 87501

hereinafter called "CONTRACTING AGENCY",

BID FOR: IFB# 2022-0070-PW/APS

PROJECT: Re-Bid Construction Services for the Madrid Fire Station Expansion

Purchasing Division:

The bidder has familiarized itself with the existing conditions on the project area affecting the cost of the work and with the contract documents which includes:

- A. Advertisement for Bids
- B. Instructions for Bidders
- C. Bid Proposal and other required bid forms as listed herein
- D. Form of Agreement
- E. Form of Performance Bond
- F. Form of Labor and Material Payment Bond
- G. Technical Specifications
- H. All information provided in the Project Manual and Drawings

Therefore, the Bidder hereby proposes to furnish all supervision, technical personnel, labor, materials, tools appurtenances, equipment, and services (including all utility and transportation services) required to complete the construction services for the Madrid Fire Station in accordance with the above listed documents.

(Amounts are to be shown in both words and figures. In case of discrepancy, the amount shown in words will govern). Bidder has provided unit prices for the scope of work.

In submitting this bid, the Bidder understands that the right is reserved by Santa Fe County to reject any irregular or all bids, waive any technicalities in the bids, and accept the bid deemed to be in the best interest of the public and that Santa Fe County intends to award one contract (if at all) for the items bid. If written notice of the acceptance of this bid is mailed, telegraphed or otherwise delivered to the undersigned within ninety (90) days after the opening thereof or at any time thereafter before this bid is withdrawn, the undersigned agrees to execute and deliver the agreement in the prescribed form within ten (10) days after the agreement is presented to it for signature.

All Addenda pertaining to this Project shall be acknowledged by the Bidder in the spaces provided below:

Addendum No.	Date	Acknowledged by Bidder or Its Authorized Representative	Date Acknowledged
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Failure to acknowledge receipt, as provided above, may be considered sufficient grounds for disqualification of the bidder and rejection of his proposal. It shall be the bidder's responsibility to become fully advised of all Addenda prior to submitting his bid.

The Bidder agrees to commence work under this Contract within fifteen (15) days after, a date to be specified in a written "Notice to Proceed" from Santa Fe County or its authorized agents. Bidder further agrees to pay liquidated damages as provided in the Contract Documents.

This Bid Proposal contains the following:

- A. Bid Proposal
- B. Bid Form
- C. Bid Sheet
- D. Non-Collusion Affidavit for Prime Bidder
- E. Certification of Non-Segregated Facilities
- F. Certification of Bidder Regarding Equal Employment Opportunity
- G. Bid Bond
- H. Subcontractors Listing (as included in this packet)
- I. Campaign Contribution Disclosure Form
- J. Preference Certificate(s)

Failure to include any of the above listed documents in the bid submittal may be considered sufficient grounds for disqualification of the bidder and rejection of its bid.

Respectfully submitted:

Name of Bidder:

Official Address:

By: _____
(Signature)

Title: _____

Date: _____

Telephone No.: _____

Email: _____

*New Mexico Contractor's License Number and Types: _____

United States Treasury Number: _____

Resident Preference Certificate Number: _____

BID SHEETS**IFB# 2022-0070-PW/APS
RE-BID CONSTRUCTION SERVICES FOR THE
MADRID FIRE STATION EXPANSION**

Please offer your best price for the work required for the construction services for the Madrid Fire Station Expansion located at 5 Firehouse Lane, Madrid in Santa Fe County. The lump sum base bid must include pricing for materials, equipment, labor, travel and fees for any required permitting. Be advised that the award may be made without discussion with bidders on offers received.

BASE BID:

LUMP SUM BASE BID \$ _____
(WRITTEN IN WORDS)

ADDITIVE ALTERNATIVE:

ALTERNATE NO. 1 BID \$ _____
(WRITTEN IN WORDS)

ALTERNATE NO. 2 BID \$ _____
(WRITTEN IN WORDS)

ALTERNATE NO. 3 BID \$ _____
(WRITTEN IN WORDS)

ALTERNATE NO. 4 BID \$ _____
(WRITTEN IN WORDS)

ALL BID ITEMS MUST BE EXCLUSIVE OF NMGR

NON-COLLUSION AFFIDAVIT OF PRIME BIDDER

STATE OF NEW MEXICO

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

- (1) They are the _____ of _____ the Bidder that has submitted the attached Bid Proposal;
- (2) They are fully informed respecting the preparation and contents of the attached Bid Proposal and of all pertinent circumstances respecting such bid;
- (3) Such bid is genuine and is not a collusive or sham bid;
- (4) Neither the said bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection with the contract for which the attached bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed contract; and
- (5) The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this ____ day of _____ 2022.

NOTARY PUBLIC

My Commission Expires _____

NON-COLLUSION AFFIDAVIT OF SUBCONTRACTOR

STATE OF NEW MEXICO

COUNTY OF _____

_____ being first duly sworn, deposes and says that:

- (1) It is the _____ of _____, hereinafter referred to as the "Subcontractor".
- (2) It is fully informed respecting the preparation and contents of the Subcontractor's proposal submitted by the Subcontractor to _____, the Contractor, for certain work in connection with the _____ contract pertaining to the _____ project in _____.
- (3) Such Subcontractors proposal is genuine and is not a collusive or sham proposal.
- (4) Neither the Subcontractor nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other bidder, firm or person to submit a collusive or sham bid in connection with the contract for which the attached bid has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communications or conference with any other bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Contracting Agency or any person interested in the proposed contract; and
- (5) The price or prices quoted in the Subcontractor's proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(SIGNED) _____

TITLE _____

SUBSCRIBED AND SWORN to before me this _____ day of _____ 2022.

Notary Public

My Commission Expires: _____

SUBCONTRACTS

- A. The contractor shall not execute an agreement with any subcontractor or permit any subcontractor to perform any work included in this contract until it has submitted a Non-Collusion Affidavit from the subcontractor, is substantially the form shown below, and has received written approval of such subcontractor from Santa Fe County.
- B. No proposed subcontractor shall be disapproved by Santa Fe County except for cause.

- C. The contractor shall be as fully responsible to Santa Fe County for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by them, as it is for the acts and omissions of persons directly employed by them.
- D. The contractor shall cause appropriate provision to be inserted in all subcontracts relative to the work to require compliance by each subcontractor with the applicable provisions of the contract for the improvements embraced.
- E. Nothing contained in the contract shall create any contractual relation between any subcontractor and Santa Fe County.

CERTIFICATION OF NON-SEGREGATED FACILITIES

(Applicable to construction contracts and related subcontracts exceeding \$10,000, which are not exempt from the Equal Opportunity Clause).

The construction contractor certifies that it does not maintain or provide for its employees any segregated facility at any of its establishments, and that it does not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The construction contractor certifies further that it will not maintain or provide for its employees any segregated facilities at any of its establishments, and that it will not permit its employees to perform their services at any location, under its control, where segregated facilities are maintained. The construction contractor agrees that a breach of this certification is a violation of the Equal Opportunity Clause in this contract. As used in this certification, the term "segregated facilities" means any waiting room, work areas, rest rooms and wash rooms, restaurants and other eating areas, time clock, locker rooms and other storage or dressing areas, parking lots, drinking foundations, recreating or entertainment areas, transportation, and housing facilities provided for employees which are segregated by explicit directive or are in fact segregated on the basis of race, creed, color, or national origin, because of habit, local custom, or otherwise. The construction contractor agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical certifications from proposed SUBCONTRACTORS prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause and that it will retain such certifications in its files.

SIGNED: _____

TITLE: _____

SUBSCRIBED AND SWORN to before me this ____ day of _____, 2022.

NOTARY PUBLIC

My Commission Expires: _____

**CERTIFICATION OF BIDDER REGARDING
EQUAL EMPLOYMENT OPPORTUNITY**

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or perspective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF BIDDER

Bidder's Name: _____

Address: _____

1. Bidder has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes ____ No ____

2. Compliance reports were required to be filed in connection with such contract or subcontract.

Yes ____ No ____

Certification -- The information above is true and complete to the best of my knowledge and belief.

NAME AND TITLE OF SIGNER (PLEASE TYPE)

SIGNATURE

DATE

**CERTIFICATION OF SUBCONTRACTOR REGARDING
EQUAL EMPLOYMENT OPPORTUNITY**

INSTRUCTIONS

This certification is required pursuant to Executive Order 11246 (30 F. R. 12319-25). The implementing rules and regulations provide that any bidder or perspective contractor, or any of their proposed subcontractors, shall state as an initial part of the bid or negotiations of the contract or subcontract whether it has participated in any previous contract or subcontract subject to the equal opportunity clause; and, if so, whether it has filed all compliance reports due under applicable instructions.

Where the certification indicates that the bidder has not filed a compliance report due under applicable instructions, such bidder shall be required to submit a compliance report within seven calendar days after bid opening. No contract shall be awarded unless such report is submitted.

CERTIFICATION OF SUBCONTRACTOR

Subcontractor's Name: _____

Address: _____

1. Subcontractor has participated in a previous contract or subcontract subject to the Equal Opportunity Clause.

Yes ____ No ____

2. Compliance reports were required to be filed in connection with such contract or subcontract.

Yes ____ No ____

Certification -- The information above is true and complete to the best of my knowledge and belief.

NAME AND TITLE OF SIGNER (PLEASE TYPE)

SIGNATURE

DATE

BID BOND

A. KNOW ALL MEN BY THESE PRESENT, THAT WE _____
 _____ hereinafter called the PRINCIPAL, as PRINCIPAL and the
 _____, of _____ a Corporation
 duly organized under the laws of the State of _____, and authorized to do business
 in the State of New Mexico, hereinafter called the SURETY, as SURETY are held and firmly bound unto
 Santa Fe County, a Municipal Corporation, hereinafter called the OBLIGEE, in the sum of

 DOLLARS (\$ _____) for the payment of which sum well and truly to be made, the said
 Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors, and assigns,
 jointly and severally, firmly be these presents.

WHEREAS, the Principal has submitted the accompanying bid, dated _____, 2022, for the re-
 bid construction services for the Madrid Fire Station Expansion.

B. NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter
 into a contract with the Obligee in accordance with the terms of such bid, and give such bond of bonds as
 may be specified in the bidding of Contract Documents with good and sufficient surety for the faithful
 performance of such contract and for the prompt payment of labor and material furnished in the
 prosecution thereof of in the event of the failure of the Principal to enter such contract and give such bond
 or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between
 the amount specified in said bid and such larger amount for which the Obligee may in good faith contract
 with another party of perform the work covered by said bid, then this obligation shall be null and void,
 otherwise to remain in full force and effect.

C. SIGNED AND SEALED THIS _____ DAY OF _____, 2022.

 BIDDER

By: _____
 PRINCIPAL

(SEAL)

 WITNESS

By: _____
 SURETY

 WITNESS

Title: _____

PERFORMANCE BOND

A. KNOW ALL MEN BY THESE PRESENT, THAT WE _____, as PRINCIPAL hereinafter called the "CONTRACTOR" and _____, as SURETY hereinafter called the "SURETY", are held and firmly bound unto OBLIGEE Santa Fe County, a Political Subdivision of the State of New Mexico, hereinafter called the "COUNTY", in the sum of _____ (\$_____) dollars for the payment whereof CONTRACTOR and SURETY bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

B. WHEREAS, the CONTRACTOR has a written contract dated _____, 2022, with the COUNTY for the re-bid construction services for the Madrid Fire Station Expansion, in accordance with drawings and specifications which contract is referenced made part hereof, and is hereinafter referred to as the "Contract."

C. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly and faithfully perform said Contract (including any amendment thereto), then this obligation shall be null and void; otherwise it shall remain in full force and effect until the COUNTY shall by written instrument notify the SURETY that the obligation is discharged, except that the obligation shall continue for at least three (3) months following the expiration of the term of the Contract.

1. The SURETY hereby waives notice of any alteration or extension of the Contract time made by the COUNTY.
2. Whenever CONTRACTOR shall be, and is declared by the COUNTY to be in default under the Contract, the COUNTY having performed the COUNTY'S obligations thereunder, the SURETY must promptly remedy the default and shall promptly:
 - (1) Complete the Contract in accordance with its terms and conditions, or
 - (2) Obtain a bid or bids for submission to the COUNTY for completing the Contract in accordance with its terms and conditions, and upon determination by the COUNTY and SURETY of the lowest responsible bidder, arrange for a contract between such bidder and Santa Fe County, and make available as work progresses (even though there should be a default or a secession of defaults under the Contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which the SURETY may be liable hereunder, the amount set forth in the first paragraph hereof. The term "balance of the Contract price" as used in this paragraph, shall mean the total amount payable by the COUNTY to CONTRACTOR under the Contract and any amendments thereto, less the amount properly paid by the COUNTY to CONTRACTOR.

D. No right of action shall accrue on this Performance Bond to or for the use of any person or corporation other than Santa Fe County named herein or the heirs, executors, administrators, or successors of Santa Fe County.

E. This Bond shall be enforceable without the need to have recourse to any judicial or arbitral proceedings.

SIGNED AND SEALED THIS _____ DAY OF _____, 2022.

CONTRACTOR – PRINCIPAL (signature)

By: _____
(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY (signature)

(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY’S Authorized New Mexico Agent

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENT, THAT WE _____
 _____ as PRINCIPAL hereinafter called the "PRINCIPAL" and
 _____ as SURETY hereinafter called the "SURETY", are held and
 firmly bound unto Santa Fe County, a Political Subdivision of the State of New Mexico as OBLIGEE
 hereinafter called the "COUNTY", for the use and benefit of any claimants as herein below defined, in
 the amount of _____ (\$.) dollars for the payment whereof
 PRINCIPAL and SURETY bind themselves, their heirs, executors, administrators, successors, and
 assigns, jointly and severally, firmly by these presents.

WHEREAS, the PRINCIPAL has a written contract dated _____, 2022, with the
 COUNTY for the re-bid construction services for the Madrid Fire Station Expansion, which must be
 constructed in accordance with drawings and specifications which contract is referenced and made a part
 hereof, and is hereinafter referred to as the "Contract."

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if PRINCIPAL shall
 promptly make payment to all claimants as hereinafter defined, for all labor and material used or
 reasonably required for use in the performance of the Contract, then this obligation shall be void;
 otherwise, it shall remain in full force and effect, subject to the following conditions:

1. A claimant is defined as one having a direct contract with the PRINCIPAL or with a
 subcontractor of the PRINCIPAL for labor, material, or both, used or reasonably required for
 use in the performance of the Contract, labor and material being construed to include but not
 be limited to that part of water, gas, power, light, heat, oil, gasoline, telephone services or
 rental of equipment directly applicable to the Contract.
2. The above named PRINCIPAL and SURETY hereby jointly and severally agree with the
 COUNTY that every claimant as herein defined, who has not been paid in full before the
 expiration of a period of ninety (90) days after the date on which the last of such claimant's
 work or labor was done or performed, or materials were furnished by such claimant,
 prosecute a suit to final judgment for such sum or sums as may be justly due claimant, and
 have execution thereof. The COUNTY shall not be liable for payment of any cost or
 expenses of any such suit.
3. No suit or action shall be commenced hereunder by any claimant:
 - a. Unless claimant, or other than one having a direct contract with the PRINCIPAL,
 shall have written notice in the form of a sworn statement to the COUNTY and any
 one or both of the following: the PRINCIPAL or SURETY above named, within
 ninety (90) days after such said claim is made or suit filed, stating with substantial
 accuracy the amount claimed and the name of the party to whom the materials were
 furnished, or for whom the work or labor was done or performed.
 - b. Such notice shall be served by mailing the same by registered mail or certified mail,
 postage prepaid, in an envelope addressed to the COUNTY, PRINCIPAL or
 SURETY, at any place where an office is regularly maintained by said COUNTY,
 PRINCIPAL or SURETY for the transaction of business, or served in any manner in
 which legal process may be served in the State in which the aforesaid project is
 located, save that such service need not be made by a public officer.

4. Any suit under this Labor and Material Bond must be instituted in accordance with the statute of limitation under Section 37-1-3 NMSA 1978.
5. No right of action shall accrue on this Bond to or for the use of any person or corporation other than subcontractors or sub-subcontractors of the said Contract between PRINCIPAL and Santa Fe County named herein.

SIGNED AND SEALED THIS _____ DAY OF _____, 2022.

CONTRACTOR – PRINCIPAL (signature)

By: _____
(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY (signature)

(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY'S Authorized New Mexico Agent

SUBCONTRACTOR LISTING

1. To be fully executed and included with Bid as a condition of the Bid (13-4-31 through 13-4-42 NMSA 1978).
2. For the purposes of this Project all subcontractors, regardless of contract amount, must be listed on the subcontractor list.
3. **The Bidder shall list the Subcontractor's Name, the City or County of the Place of Business and the Category of Work that will be done by each Subcontractor.**
4. For *all trades* that are listed "*only one bid received*" or "*no bid received*" the Contractor must list the names and telephone numbers of all businesses contacted for a quote.

Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		

Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If "no bid received" or "only one bid received" list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		

If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		
Signature of Subcontractor (To be obtained after award of contract):		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		

If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		
Trade:	Name of Subcontractor:	
Address:		
Telephone No:	License No:	NM Dept. of Workplace Solutions Registration No.
Signature of Subcontractor (To be obtained after award of contract):		
If “no bid received” or “only one bid received” list name and telephone number of businesses contacted: 1. 2. 3.		

APPENDIX A

ACKNOWLEDGEMENT OF RECEIPT OF INVITATION FOR BIDS FORM RE-BID CONSTRUCTION SERVICES FOR THE MADRID FIRE STATION EXPANSION IFB# 2022-0070-PW/APS

In acknowledgement of receipt of the Invitation for Bid the undersigned agrees that he/she has received a complete copy, beginning with the title page and table of contents, and ending with Appendix E.

The acknowledgement of receipt should be signed and returned to the Procurement Specialist Senior no later than close of business on **February 9, 2022**. Only potential offerors who elect to return this form completed with the indicated intention of submitting a bid will receive copies of all Offeror written questions and the County's written responses to those questions as well as Invitation for Bid addendums, if any are issued.

FIRM: _____

REPRESENTED BY: _____

TITLE: _____ PHONE NO.: _____

E-MAIL: _____ FAX NO.: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP CODE: _____

SIGNATURE: _____ DATE: _____

This name and address will be used for all correspondence related to the Invitation for Bids.

Firm does/does not (**circle one**) intend to respond to this Invitation for Bid.

Amanda Patterson-Sanchez
Santa Fe County
Purchasing Division
102 Grant Avenue
Santa Fe, NM 87504
Phone: (505) 992-9864 Fax: (505) 989-3243
E-mail: apatterson-sanchez@santafecountynm.gov

APPENDIX B

CAMPAIGN CONTRIBUTION DISCLOSURE

Pursuant to the Procurement Code, Sections 13-1-28, et seq., NMSA 1978 and NMSA 1978, § 13-1-191.1 (2006), as amended by Laws of 2007, Chapter 234, any prospective contractor seeking to enter into a contract with any state agency or local public body **for professional services, a design and build project delivery system, or the design and installation of measures the primary purpose of which is to conserve natural resources** must file this form with that state agency or local public body. This form must be filed even if the contract qualifies as a small purchase or a sole source contract. The prospective contractor must disclose whether they, a family member or a representative of the prospective contractor has made a campaign contribution to an applicable public official of the state or a local public body during the two years prior to the date on which the contractor submits a proposal or, in the case of a sole source or small purchase contract, the two years prior to the date the contractor signs the contract, if the aggregate total of contributions given by the prospective contractor, a family member or a representative of the prospective contractor to the public official exceeds two hundred and fifty dollars (\$250) over the two year period.

Furthermore, the state agency or local public body may cancel a solicitation or proposed award for a proposed contract pursuant to Section 13-1-181 NMSA 1978 or a contract that is executed may be ratified or terminated pursuant to Section 13-1-182 NMSA 1978 of the Procurement Code if: 1) a prospective contractor, a family member of the prospective contractor, or a representative of the prospective contractor gives a campaign contribution or other thing of value to an applicable public official or the applicable public official's employees during the pendency of the procurement process or 2) a prospective contractor fails to submit a fully completed disclosure statement pursuant to the law.

The state agency or local public body that procures the services or items of tangible personal property shall indicate on the form the name or names of every applicable public official, if any, for which disclosure is required by a prospective contractor.

THIS FORM MUST BE INCLUDED IN THE REQUEST FOR PROPOSALS AND MUST BE FILED BY ANY PROSPECTIVE CONTRACTOR WHETHER OR NOT THEY, THEIR FAMILY MEMBER, OR THEIR REPRESENTATIVE HAS MADE ANY CONTRIBUTIONS SUBJECT TO DISCLOSURE.

The following definitions apply:

“Applicable public official” means a person elected to an office or a person appointed to complete a term of an elected office, who has the authority to award or influence the award of the contract for which the prospective contractor is submitting a competitive sealed proposal or who has the authority to negotiate a sole source or small purchase contract that may be awarded without submission of a sealed competitive proposal.

“Campaign Contribution” means a gift, subscription, loan, advance or deposit of money or other thing of value, including the estimated value of an in-kind contribution, that is made to or received by an applicable public official or any person authorized to raise, collect or expend contributions on that official’s behalf for the purpose of electing the official to statewide or local office. “Campaign Contribution” includes the payment of a debt incurred in an election campaign, but does not include the value of services provided without compensation or unreimbursed travel or other personal expenses of individuals who volunteer a portion or all of their time on behalf of a candidate or political committee, nor does it include the administrative or solicitation expenses of a political committee that are paid by an organization that sponsors the committee.

“Family member” means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law of (a) a prospective contractor, if the prospective contractor is a natural person; or (b) an owner of a prospective contractor.

“Pendency of the procurement process” means the time period commencing with the public notice of the request for proposals and ending with the award of the contract or the cancellation of the request for proposals.

“Prospective contractor” means a person or business that is subject to the competitive sealed proposal process set forth in the Procurement Code or is not required to submit a competitive sealed proposal because that person or business qualifies for a sole source or a small purchase contract.

“Representative of a prospective contractor” means an officer or director of a corporation, a member or manager of a limited liability corporation, a partner of a partnership or a trustee of a trust of the prospective contractor.

Name(s) of Applicable Public Official(s) if any: _____
(Completed by State Agency or Local Public Body)

DISCLOSURE OF CONTRIBUTIONS BY PROSPECTIVE CONTRACTOR:

Contribution Made By: _____

Relation to Prospective Contractor: _____

Date Contribution(s) Made: _____

Amount(s) of Contribution(s) _____

Nature of Contribution(s) _____

Purpose of Contribution(s) _____

(Attach extra pages if necessary)

Signature Date

Title (position)

--OR--

NO CONTRIBUTIONS IN THE AGGREGATE TOTAL OVER TWO HUNDRED FIFTY DOLLARS (\$250) WERE MADE to an applicable public official by me, a family member or representative.

Signature Date

Title (Position)

APPENDIX C

Resident Veterans Preference Certification

_____ (NAME OF CONTRACTOR) hereby certifies the following in regard to application of the resident veterans' preference to this procurement.

Please check box below:

☐ I declare under penalty of perjury that my business prior year revenue starting January 1 ending December 31 is less than \$1M allowing me the 10% preference discount on this solicitation. I understand that knowingly giving false or misleading information about this fact constitutes a crime.

"I agree to submit a report or reports to the State Purchasing Division of the General Services Department declaring under penalty of perjury that during the last calendar year starting January 1 and ending on December 31, the following to be true and accurate:

"In conjunction with this procurement and the requirements of this business application for a Resident Veteran Business Preference/Resident Veteran Contractor Preference under Sections 13-1-21 or 13-1-22 NMSA 1978, which awarded a contract which was on the basis of having such veteran's preference, I agree to report to the State Purchasing Division of the General Services Department the awarded amount involved. I will indicate in the report the award amount as a purchase from a public body or as a public works contract from a public body as the case may be."

"I understand that knowingly giving false or misleading information on this report constitutes a crime".

I declare under penalty of perjury that this statement is true to the best of my knowledge. I understand that giving false or misleading statements about material fact regarding this matter constitutes a crime.

(Signature of Business Representative)*

(Date)

*Must be an authorized signatory of the Business.

The representations made in checking the boxes constitutes a material representation by the business that is subject to protest and may result in denial of an award or un-award of the procurement involved if the statements are proven to be incorrect.

SIGNED AND SEALED THIS _____ DAY OF _____, 2022.

NOTARY PUBLIC

My Commission Expires:

APPENDIX D

N.M. WAGE DETERMINATION



LABOR RELATIONS DIVISION
 121 Tijeras Ave NE, Suite 3000
 Albuquerque, NM 87102
 Phone: 505-841-4400
 Fax: 505-841-4424

WWW.DWS.STATE.NM.US

PUBLIC WORKS PROJECT REQUIREMENTS

As a participant in a Public Works project valued at more than \$60,000 in the state of New Mexico, the following list addresses many of the responsibilities that are defined by statute or regulation to each project stakeholder.

Contracting Agency

- Ensure that all contractors wishing to bid on a Public Works project when the project is \$60,000 or more are actively registered with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> (Contractor Registration) prior to bidding.
- Please submit Notice of Award (NOA) and Subcontractor List(s) to the PWAA website promptly after the project is awarded.
- Please update the Subcontractor List(s) on the PWAA website whenever changes occur.
- All sub-contractors and tiers (excluding professional services) regardless of contract amount must be listed on the Subcontractor List and must adhere to the Public Works Minimum Wage Act.
- Ninety days after project completion please go into the PWAA system and close the project. Only contracting agencies are allowed to close the project. Agents or contractors are not allowed to close projects.

General Contractor

- Provide a complete Subcontractor List and Statements of Intent (SOI) to Pay Prevailing Wages for all contractors, regardless of amount of work, to the contracting agency within 3 (three) days of award.
- Ensure that all subcontractors wishing to bid on a Public Works project have an active Contractor Registration with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> prior to bidding when their bid will exceed \$60,000.
- Make certain the Public Works Apprentice and Training Act contributions are paid either to an approved Apprenticeship Program or to the Public Works Apprentice and Training Fund.
- Confirm the Wage Rate poster, provided in PWAA, is displayed at the job site in an easily accessible place.
- When the project has been completed, make sure the Affidavits of Wages Paid (AWP) are sent to the contracting agency.
- All subcontractors and tiers (excluding professional services) regardless of contract amount must pay prevailing wages, be listed on the Subcontractor List, and adhere to the Public Works Minimum Wage Act.



LABOR RELATIONS DIVISION
121 Tijeras Ave NE, Suite 3000
Albuquerque, NM 87102
Phone: 505-841-4400
Fax: 505-841-4424

WWW.DWS.STATE.NM.US

Subcontractor

- Ensure that all subcontractors wishing to bid on a Public Works project have an active Contractor Registration with the Public Works and Apprenticeship Application (PWAA) website: <http://www.dws.state.nm.us/pwaa> prior to bidding when their bid will exceed \$60,000.
- Make certain the Public Works Apprentice and Training Act contributions are paid either to an approved Apprenticeship Program or to the Public Works Apprentice and Training Fund.
- All subcontractors and tiers (excluding professional services) regardless of contract amount must pay prevailing wages, be listed on the Subcontractor List, and adhere to the Public Works Minimum Wage Act.

Additional Information

Reference material and forms may be found in the New Mexico Department of Workforce Solutions Public Works web pages at: <https://www.dws.state.nm.us/Labor-Relations/Labor-Information/Public-Works>.

CONTACT INFORMATION

Contact the Labor Relations Division for any questions relating to Public Works projects by email at public.works@state.nm.us or call (505) 841-4400.



TYPE "B" – GENERAL BUILDING

Please refer to the base and fringe rate columns that pertain to the date your wage decision was approved. For instance, if your wage decision was approved on April 1, 2021, you will use the rates in the first two columns. If your wage decision was approved on May 10, 2021, use the third and fourth columns.

Trade Classification	Effective January 1, 2021 Through May 4, 2021		Effective May 5, 2021		Effective January 1, 2020 Through December 31, 2021
	Base Rate	Fringe Rate	Base Rate	Fringe Rate	Apprent iceship
Asbestos Workers/Heat and Frost insulators	33.01	12.06	32.26	12.06	0.60
Asbestos Workers/Heat and Frost insulators-Los Alamos County	35.44	12.06	34.69	12.06	0.60
Boilermaker/ blacksmith	34.97	28.85	34.97	28.85	0.60
Bricklayer/Block layer/Stonemason	24.97	9.50	24.46	8.81	0.60
Carpenter/Lather	25.63	11.74	24.63	11.24	0.60
Carpenter-Los Alamos County	28.37	13.44	27.80	13.19	0.60
Millwright/ pile driver	33.16	27.24	33.16	25.24	0.60
Cement Mason	21.07	10.33	21.07	10.33	0.60
Electricians-Outside Classifications- Zone 1					
Ground man	23.74	13.16	23.27	12.67	0.60
Equipment Operator	34.06	15.94	33.39	15.35	0.60
Lineman/Tech	40.07	17.57	39.28	16.91	0.60
Cable Splicer	44.08	18.65	43.21	17.95	0.60
Electricians-Outside Classification: Zone 2					
Ground man	23.74	13.16	23.27	12.67	0.60



Equipment Operator	34.06	15.94	33.39	15.35	0.60
Lineman/ technician	40.07	17.57	39.28	16.91	0.60
Cable Splicer	44.08	18.65	43.21	17.95	0.60
Electricians-Outside Classifications: Los Alamos					
Ground man	24.42	13.34	23.94	12.85	0.60
Equipment Operator	35.04	16.21	34.35	15.60	0.60
Lineman/ Technician	41.22	17.88	40.41	17.21	0.60
Cable Splicer	45.34	18.99	44.45	18.28	0.60
Electricians-Inside Classifications: Zone 1					
Wireman/ low voltage technician	33.65	12.01	32.70	11.18	0.60
Cable Splicer	37.02	12.11	35.97	11.28	0.60
Electricians-Inside Classification: Zone 2					
Wireman/ low voltage technician	36.68	12.10	35.64	11.27	0.60
Cable Splicer	40.04	12.20	38.91	11.37	0.60
Electricians-Inside Classification: Zone 3					
Wireman/ low voltage technician	38.70	12.16	37.61	11.33	0.60
Cable Splicer	42.06	12.26	40.88	11.43	0.60
Electricians-Inside Classification: Zone 4					
Wireman/ low voltage technician	42.40	12.27	41.20	11.44	0.60
Cable Splicer	45.75	12.37	44.47	11.53	0.60
Electricians-Inside Classification: Los Alamos					
Wireman/ low voltage technician	38.70	14.09	37.61	13.21	0.60
Cable Splicer	42.06	14.36	40.88	13.47	0.60
Elevator Constructor	43.25	36.37	43.80	35.25	0.60



Elevator Constructor Helper	36.19	36.37	35.04	35.25	0.60
Glazier					
Journeyman/ Fabricator	20.50	6.20	20.25	5.35	0.60
Delivery Driver	9.00	5.35	9.00	5.35	0.60
Ironworker	27.35	17.49	27.00	15.75	0.60
Painter (Brush/Roller/Spray)	17.25	7.75	17.00	6.88	0.60
Paper Hanger	17.25	7.75	17.00	6.88	0.60
Drywall- Light Commercial & Residential					
Ames tool operator	25.63	7.60	25.08	7.10	0.60
Hand finisher/machine texture	24.63	7.60	24.08	7.10	0.60
Plasterer	23.56	9.39	23.17	8.99	0.60
Plumber/Pipefitter	31.52	12.90	30.76	11.62	0.60
Roofer	25.74	7.97	25.23	7.97	0.60
Sheet metal worker					
Zone 1	33.38	17.64	31.03	17.26	.60
Zone 2 – Industrial	34.38	17.64	32.03	17.26	.60
Zone 3 – Los Alamos	35.38	17.64	33.03	17.26	.60
Soft Floor Layer	20.30	8.10	19.94	7.70	0.60
Sprinkler Fitter	31.57	23.46	30.90	22.29	0.60
Tile Setter	24.46	8.81	24.46	8.81	0.60
Tile Setter Helper/Finisher	16.53	8.81	16.53	8.81	0.60
Laborers					
Group I- Unskilled and semi-skilled	18.25	7.12	17.50	6.27	0.60
Group II- Skilled	19.25	7.12	18.50	6.27	0.60
Group III- Specialty	21.50	7.12	20.75	6.27	0.60
Masonry Laborers					
Group I- Unskilled and Semi-Skilled	18.75	7.34	18.00	6.27	0.60



Group II- Skilled	20.50	7.34	19.75	6.27	0.60
Group III- Specialty	21.00	7.34	20.25	6.27	0.60
Reinforcing iron workers and post tension	24.75	7.12	24.00	6.27	0.60
Operators					
Group I	21.96	7.47	20.95	7.27	0.60
Group II	24.12	7.47	23.11	7.27	0.60
Group III	24.58	7.47	23.57	7.27	0.60
Group IV	25.02	7.47	24.01	7.27	0.60
Group V	25.21	7.47	24.20	7.27	0.60
Group VI	25.42	7.47	24.41	7.27	0.60
Group VII	25.53	7.47	24.52	7.27	0.60
Group VIII	28.58	7.47	27.56	7.27	0.60
Group IX	30.96	7.47	29.95	7.27	0.60
Group X	34.36	7.47	33.35	7.27	0.60
Truck Drivers					
Group I-VII	16.65	8.27	16.45	7.87	0.60
Group VIII	16.71	8.27	16.51	7.87	0.60
Group IX	18.65	8.27	18.45	7.87	0.60

NOTE: All contractors are required to pay SUBSISTENCE, ZONE AND INCENTIVE according to the particular trade. Details are located in a PDF attachment at WWW.DWS.STATE.NM.US. Search Labor Relations/Labor Information/Public Works/Prevailing Wage Rates.

For more information about the Subsistence, Zone, and Incentive Pay rates, or to file a wage claim, contact the Labor Relations Division at (505) 841-4400 or visit us online at www.dws.state.nm.us.

APPENDIX E

SAMPLE CONSTRUCTION AGREEMENT

AGREEMENT BETWEEN SANTA FE COUNTY AND CONTRACTOR FOR CONSTRUCTION SERVICES



SANTA FE COUNTY PURCHASING DIVISION 2014 EDITION

[Changes, additions, deletions and/or any modifications other than those agreed upon by the parties upon execution of this contract, without the written consent of Santa Fe County shall render this document null and void.]

Hereafter "County":

Katherine Miller, County Manager
Santa Fe County
P.O. Box 276
Santa Fe, New Mexico 87504-0276
TELEPHONE: 505-986-6200
FAX: 505-995-2740

Hereafter "Contractor":

TELEPHONE: _____
E-MAIL ADDRESS: _____

ENGINEER

NAME: _____
ADDRESS: _____

TELEPHONE: _____
E-MAIL ADDRESS: _____

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RECITALS

WHEREAS, in accordance with Section 13-1-103 through Section 13-1-110 NMSA 1978, the County issued Invitation for Bid (IFB) No. 2022-0070-PW/APS for Re-Bid Construction Services for the Madrid Fire Station Expansion; and

WHEREAS, the Contractor submitted its bid, dated February 22, 2022 in response to IFB No. 2022-0070-PW/APS; and

WHEREAS, the County is authorized to enter into a construction contract for the Project pursuant to Sections 13-1-100, NMSA 1978; and

WHEREAS, the Contractor hereby represents that it is a licensed contractor of the State of New Mexico pursuant to Chapter 60, Article 13 NMSA 1978; and

WHEREAS, the Owner agrees to hire the Contractor, and the Contractor agrees to provide Construction Services as required herein for the Project in accordance with the terms and conditions set forth in this Agreement; and

WHEREAS, the County requires the services of the Contractor, and the Contractor is willing to provide these services and both parties wish to enter into this Agreement.

ARTICLE 1 THE CONTRACT DOCUMENTS

1.1 DOCUMENTS

The contract documents consist of the following:

-Agreement between County and Contractor	
-General Conditions of the Construction Contract	
-Conditions of the Work of the Construction Contract	
-Bid Sheet	Attachment A
-Addenda and Modifications issued	Attachment B
before and after execution of this Contract	

1.2 CERTIFICATES AND DOCUMENTATION

The following certificates and documentation are hereby attached as exhibits as follows:

Project Manual	Exhibit A
Technical Specifications as listed in Plan Set	Exhibit B
Labor and Material Payment Bond	Exhibit C
Performance Bond	Exhibit D
Assignment of Antitrust Claims	Exhibit E
Certificate of Insurance	Exhibit F
Notice of Award	Exhibit G
Notice to Proceed	Exhibit H

Change Order
Certificate of Substantial Completion

Exhibit I
Exhibit J

ARTICLE 2 THE WORK

2.1 THE WORK

The Contractor shall perform all the Work required by the Contract Documents for the following:

ARTICLE 3 EFFECTIVE DATE, TIME OF COMMENCEMENT, SUBSTANTIAL COMPLETION AND AMENDMENTS

3.1 EFFECTIVE DATE

The Effective Date of this Agreement is the date of signature by the County.

3.2 TIME OF COMMENCEMENT

The work to be performed under this Contract shall be commenced no later than ten (10) consecutive calendar days after the date of written Notice to Proceed issued by the County, hereto attached as Exhibit H.

3.3 SUBSTANTIAL COMPLETION

The Contractor shall achieve Substantial Completion of the entire work no later than forty (40) calendar days from the date of the Notice to Proceed, except as hereafter extended by valid written Change Order. A Certificate of Substantial Completion, attached hereto as Exhibit J, will be issued by the County to the Contractor, as adjusted by any Change Order, attached hereto as Exhibit I.

3.4 TIME FOR COMPLETION AND LIQUIDATED DAMAGES

Should the Contractor neglect, refuse, or otherwise fail to complete the Work within the time specified in this Article, the Contractor agrees that Liquidated Damages in the amount of \$150.00 shall be assessed per each calendar day that expires after the date of substantial completion, as adjusted by any change order, and until issuance by the County of a certificate of Substantial Completion in accordance with Paragraph 7 (Effective Date and Term) of the General Conditions.

- A. It is hereby understood and mutually agreed, by and between the Contractor and the County, that the date of beginning and the time for completion as specified in the contract of the work to be done hereunder are *essential conditions* of this contract and it is further mutually understood and agreed that the work outlined in this contract shall be commenced on a date to be specified in the "Notice to Proceed."
- B. The Contractor agrees that work shall be prosecuted regularly, diligently and uninterruptedly at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the County, that the time for the completion of the work described herein is a reasonable time for the completion of the same, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.
- C. If the Contractor shall neglect, fail or refuse to complete the work within the time herein specified or any proper extension thereof granted by the County, then the Contractor does hereby agree, as a part consideration for the awarding of this contract, to pay to the County the amount specified in the contract, not as a penalty but as liquidated damages for such breach of contract as herein set forth, for each and every calendar day that the contract shall be in default after the time stipulated in the contract for completing the work.
- D. The amount is fixed and agreed upon by and between the Contractor and the County because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the County would in such event sustain, and the amount is agreed to be the amount of damages which the County would sustain and the amount shall be retained from time to time by the County from current periodical estimates.
- E. It is agreed that time is of the essence of each and every portion of this contract and of the specifications wherein a definite and certain length of time is fixed for the performance of any act whatsoever and where under the contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be of the essence of this contract. Provided that the Contractor shall not be charged with liquidated damages or any excess cost when the County determines that the Contractor is without fault and the Contractor's reasons for the time extension are acceptable to the County. Provided that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due:
 - 1. To any preference, priority or allocation order duly issued by the County;
 - 2. To unforeseeable cause beyond the control and without the fault or negligence of the Contractor, including but not restricted to, acts of God, or of the public enemy, acts of the County, acts of another contractor in the performance of a contract with the County, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and severe weather;
 - 3. To any delays of subcontractors or suppliers occasioned by any of the causes specified in subsections above.

- F. Provided further, that the Contractor shall, within ten days from the beginning of such delay, unless the County shall grant a further period of time prior to the date of final settlement of the contract, notify the County in writing of the causes of the delay, who shall ascertain the facts and extent of the delay and notify the Contractor within a reasonable time of its decision in the matter.

3.5 AMENDMENTS

This Agreement may be amended by mutual agreement by both parties upon issuance of a Change Order by the County to the Contractor. Any such amendment shall be in accordance with Paragraph 10 (Amendments – Change Orders) of the General Conditions. Unless otherwise agreed to by the parties, an amendment shall not affect any outstanding Purchase Order(s) issued by the County prior to the effective date of the amendment.

**ARTICLE 4
CONTRACT SUM**

4.1 CONTRACT SUM

The County shall pay the Contractor in current funds for the performance of the Work, subject to additions and deductions by Change Order as provided in the Contract Documents, an agreed upon Contract Sum of cents (\$_____) exclusive of New Mexico gross receipts tax.

4.2 CONTRACT AMOUNT

The Contract sum is determined as follows:

Base Bid	\$
Alterative Additive No. 1	\$
Alterative Additive No. 2	\$
Alterative Additive No. 3	\$
Alterative Additive No. 4	\$
Total Contract Amount	\$, exclusive of NM grt

**ARTICLE 5
PROGRESS PAYMENTS**

5.1 PROGRESS PAYMENTS

Based upon an Application for Payment submitted to the County by the Contractor and Certificates for Payment issued by the County, the County shall make progress payments on

account of the Contract sum to the Contractor as provided in the Contract documents for the period ending the last day of the month as follows:

- A. No later than 21 working days following receipt by the County of an undisputed Application for Payment, one hundred percent (100%) of the portion of the Contract Sum properly allocable to labor, materials, and equipment incorporated in the Work and one hundred percent (100%) of the portion of the Contract Sum properly allocable to materials and equipment suitably stored at the site or some other location agreed upon in writing for the period covered by the Application for Payment, less the aggregate of previous payments made by the County; less such amounts as the Architect/ Engineer shall determine for all incomplete Work and unsettled claims as provided in the Contract Documents (Section 57-28-5, NMSA 1978).
- B. When making payments, the County, Contractor or subcontractor shall not retain, withhold, hold back or in any other manner not pay amounts owed for work performed. For additional information regarding retainage and the Prompt Payment Act (refer to Section 57-28-5, NMSA 1978).
- C. Contractors and subcontractors shall make prompt payment to their subcontractors and suppliers for amounts owed for work performed on the construction project within 21 days after receipt of payment from the County, contractor or subcontractor. If the contractor or subcontractor fails to pay its subcontractor and suppliers by first-class mail or hand delivery within twenty-one days after receipt of an undisputed request for payment, the contractor or subcontractor shall pay interest to its subcontractors and suppliers beginning on the 22nd day after payment was due, computed at one and one-half percent of the undisputed amount per month or fraction of a month until payment is issued. These payment provisions apply to all tiers of contractors, subcontractors and suppliers (Section 57-28-1 et. seq. NMSA 1978).
- D. In preparing estimates the material delivered on the site and preparatory work done may be taken into consideration.
- E. All material and work covered by partial payments made shall thereupon become the sole property of the County, but this provision shall not be construed as relieving the Contractor from the sole responsibility for the care and protection of materials and work upon which payments have been made or the restoration of any damaged work, or as a waiver of the right of the County to require the fulfillment of all of the terms of the contract.
- F. County's right to withhold certain amounts and make application thereof. The Contractor agrees that it will indemnify and hold the County harmless from all claims growing out of the lawful demands of subcontractors, laborers, workmen, mechanics, material men, and furnisher of machinery and parts thereof, equipment, power tools, and all supplies, including commissary, incurred in the furtherance of the performance of this contract. The Contractor shall, at the County's request, furnish satisfactory evidence that all obligations of the nature hereinabove designated have

been paid, discharged, or waived. If the Contractor fails so to do, then the County may, after having served written notice on the said Contractor, either pay unpaid bills, of which the County has written notice, direct, or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the Contractor shall be resumed, in accordance with the terms of this contract, but in no event shall the provisions of this sentence be construed to impose any obligations upon the County to either the Contractor or its Surety. In paying any unpaid bills of the Contractor, the County shall be deemed the agent of the Contractor, and any payment so made by the County shall be considered as a payment made under the contract by the County to the Contractor and the County shall not be liable to the Contractor for any such payments made in good faith.

ARTICLE 6 FINAL PAYMENT

6.1 FINAL PAYMENT

The entire unpaid balance of the Contract Sum, shall be paid by the County to the Contractor within 30 calendar days after notification of the County by the Architect/Engineer that all incomplete and unacceptable work that was noted during the Substantial Completion Inspection and listed on the attachment to the Certificate of Substantial Completion has been corrected, and provided the Contract has been fully performed and a final Certificate for Payment has been issued by the Architect/Engineer. In addition, the Contractor shall provide to the County a certified statement of Release of Liens and Consent of Surety.

6.2 ACCEPTANCE OF FINAL PAYMENT CONTITUTES RELEASE

The acceptance by the Contractor of final payment shall be and shall operate as a release to the County of all claims and all liability to the Contractor for all things done or furnished in connection with this work and for every act and neglect of the County and others relating to or arising out of this work. No payment, however, final or otherwise, shall operate to release the Contractor or its sureties from any obligations under this contract or the Performance and Payment Bond.

IN WITNESS WHEREOF, the parties have duly executed this Agreement as of the date first written above.

ATTESTATION

Katharine E. Clark
Santa Fe County Clerk

Approved as to form:

Gregory S. Shaffer
Santa Fe County Attorney

Date

Finance Department:

Yvonne S. Herrera
Finance Director

Date

CONTRACTOR:

Signature

Date

Print name & title

GENERAL CONDITIONS

**TO AGREEMENT BETWEEN SANTA FE COUNTY
AND CONTRACTOR
FOR CONSTRUCTION SERVICES**

1.0 DEFINITIONS

The following terms as used in this contract are respectively defined as follows:

- 1.1 *Application for Payment*** Contractor's written request for payment for completed portions of the work and, for materials delivered or stored and properly labeled for the respective project.
- 1.2 *Change Order*** A written document between the County and the Contractor signed by the County and the Contractor authorizing a change in the work or an adjustment in the contract sum or the contract time. A change order may be signed by the Architect/Engineer, provided they have written authority from the County for such procedure and that a copy of such written authority is furnished to the Contractor upon request. The contract sum and the contract time may be changed only by change order. A change order may be in the form of additional compensation or time; or less compensation or time known as a Deduction (from the contract) the amount deducted from the contract sum by change order.
- 1.3 *Calendar Day*** Each and every Day shown on the calendar, beginning and ending at midnight.
- 1.4 *Contract Period*** The elapsed number of working days or calendar days from the specified date of commencing work to the specified date of completion, as specified in the contract.
- 1.5 *Contractor*** is a person, firm or corporation with whom the contract is entered into with the County.
- 1.6 *Construction Documents*** All drawings, specifications and addenda associated with a specific construction project.
- 1.7 *Construction Schedule*** A schedule in form satisfactory to the County, showing the proposed dates of commencement and completion of each of the various subdivisions of work required under the contract documents and the anticipated amount of each monthly payment that will become due the Contractor in accordance with the progress schedule.
- 1.8 *Day*** The word “day” means a calendar day of 24 hours measured from midnight to the next midnight.

- 1.9 *Labor and Material Payment Bond*** A written form of security from a surety (bonding) company to the County, on behalf of an acceptable prime Contractor or subcontractor, guaranteeing payment to the County in the event the Contractor fails to pay for all labor, materials, equipment, or services in accordance with the contract. (see Performance Bond and Surety Bond).
- 1.10 *Contract Sum Agreement (See Stipulated Sum Agreement)***
- 1.11 *Contract Sum Bid*** A single entry amount to cover all labor, equipment, materials, services, and overhead and profit for completing the construction of a variety of unspecified items of work without the benefit of a cost breakdown.
- 1.12 *Contract Sum Contract*** A written contract between the County and Contractor wherein the County agrees to pay the contractor a specified sum of money for completing a scope of work consisting of a variety of unspecified items or work.
- 1.13 *Payment Bond*** A written form of security from a surety company to the County, on behalf of an acceptable prime contractor or subcontractor, guaranteeing payment to all persons providing labor, materials, equipment, or services in accordance with the contract.
- 1.14 *Performance Bond*** A written form of security from a surety company to the County, on behalf of an acceptable prime contractor or subcontractor, guaranteeing the completion of the work in accordance with the terms of the contract.
- 1.15 *Progress Payment*** A payment from the County to the Contractor determined by calculating the difference between the completed work and materials stored and a predetermined schedule of values or unit costs. (see Schedule of Values, Unit Costs).
- 1.16 *Progress Schedule*** A pictorial or written schedule (including a graph or diagram) that shows proposed and actual start and completion dates of the various work elements.
- 1.17 *Punch list*** a list of items to be completed or corrected, prepared by the Architect/Engineer, checked and augmented as required by the Contractor or Construction Manager is appended hereto as Exhibit J. Note: The failure to include any item on such list does not relieve the Contractor of the responsibility to complete all work in accordance with the contract documents.
- 1.18 *Schedule of Values*** A statement furnished by the Contractor to the Architect or Engineer and the County reflecting the portions of the contract sum allotted for the various parts of the work and used as the basis for reviewing the Contractor's Applications for Payment.
- 1.19 *Services*** Includes services performed, workmanship, and material furnished or utilized in

the performance of services.

- 1.20** *Stipulated Sum Agreement* A written agreement in which a specific amount is set forth as the total payment for completing the contract (See Contract Sum Contract).
- 1.21** *Subcontractor* is a person, firm or corporation supplying labor and materials or only labor for work at the site of the project for, and under separate contract or agreement with, the Contractor.
- 1.22** *Unit Price Contract* A written contract wherein the County agrees to pay the Contractor a specified amount of money for each unit of work successfully completed as set forth in the contract.
- 1.23** *Unit Prices* A predetermined price for a measurement or quantity of work to be performed within a specific contract. The designated unit price would include all labor materials, equipment or services associated with the measurement or quantity established.
- 1.24** *Working Day* means every day except Saturday, Sunday and holidays recognized by Santa Fe County. Based on a review of weather that may adversely affect the Contractor's ability to effectively prosecute the Work, and the actual Work performed by the Contractor, the Architect or Engineer will determine (between the end of the day and noon of the next day) if the County will charge a Working Day. If the Contractor was able to effectively prosecute Work on a critical path item for six (6) or more hours on a Saturday, Sunday or County-recognized Holiday, the Architect or Engineer may charge a Working Day.
- 1.25** *Work on (at) the project* is work to be performed at the location of the project, including the transportation of materials and supplies to or from the location of the project by employees of the Contractor and any subcontractor.

2. CONTRACT AND CONTRACT DOCUMENTS

- 2.1** *Entire Agreement.* This Agreement represents the entire contract between the parties and, except as otherwise provided herein, may not be amended, changed, modified, or altered without the written consent of the parties hereto. This Agreement incorporates all of the conditions, agreements, and understandings between the parties concerning the subject matter of this Agreement, and all such conditions, understandings, and agreements have been merged into this written Agreement. No prior condition, agreement, or understanding, verbal or otherwise, of the parties or their agents shall be valid or enforceable unless incorporated in this written Agreement.
- 2.2** *Relationship of Contract Documents.* The Contract Documents are complementary, and any requirement of one Contract Document shall be as binding as if required by all.
- 2.3** *Conflicting Conditions.* Any provisions in any of the Contract Documents which may be in

conflict or inconsistent with any of the paragraphs in these General Conditions shall be void to the extent of such conflict or inconsistency.

3. PLANS, SPECIFICATIONS AND ADDENDA

- 3.1** The plans, specifications and addenda, hereinafter enumerated in Article 1 of the Agreement Between County and Contractor for Construction shall form part of this Contract and the provisions thereof shall be as binding upon the parties hereto as if they were herein fully set forth. The table of contents, titles, headings, running headlines and marginal notes contained herein and in said documents are solely to facilitate reference to various provisions of the Contract Documents and in no way affect or limit the interpretation of the provisions to which they refer.
- 3.2** Certificates and Documents Incorporated. All certificates and documentation required by the provisions of the Agreement shall be attached to this Agreement at the time of execution, and are hereby incorporated by reference as though set forth in full in this Agreement to the extent they are consistent with its conditions and terms.

4. CONTRACT SECURITY – BONDS

- 4.1** Performance Bond. The Contractor shall furnish a performance bond in an amount at least equal to one hundred percent (100%) of the contract sum as security for the faithful performance of this contract. The performance bond and the payment bond may be in one or in separate instruments in accordance with local law.
- 4.2** Payment Bond. The Contractor shall provide payment bond in an amount not less than one hundred percent (100%) of the contract price or in a penal sum not less than that prescribed by state, territorial or local law, as security for the payment of all persons performing labor on the project under this contract, furnishing materials in connection with this contract and all of Contractor's requirements as specified in the contract documents. The Payment Bond shall remain in effect until one year after the date when final payment becomes due.
- 4.3** Additional or Substitute Bond. If at any time the County for justifiable cause shall be or become dissatisfied with any surety or sureties, then upon the Performance or Payment Bonds, the Contractor shall within five days after notice from the County so to do, substitute an acceptable bond (or bonds) in such form and sum and signed by such other surety or sureties as may be satisfactory to the County. The premiums on such bond shall be paid by the Contractor. No further payments shall be deemed due nor shall be made until the new surety or sureties shall have furnished such an acceptable bond to the County.
- 4.4** Labor and Material Bond. The Contractor shall provide to the County Labor and Material Bond in an amount equal to the required payments by the Contractor to pay specified subcontractors, laborers, and materials suppliers associated with the project.

5. TERMS AND MEANINGS

Terms used in this Agreement that are defined in the Conditions of the Contract shall have the meanings designated in those Conditions.

- 5.1 Words and Phrases.** Words, phrases, and abbreviations which have well-known technical or trade meanings used in the Contract Documents shall be used according to such recognized meanings. In the event of a conflict, the more stringent meaning shall govern.
- 5.2 Gender, Singular/Plural.** Words of any gender used in this Agreement shall be held and construed to include any other gender, and words in the singular number shall be held to include the plural, unless the context otherwise requires.
- 5.3 Captions and Section Headings.** The captions and section headings contained in this Agreement are for convenience of reference only, and in no way limit, define, or enlarge the terms, scope and conditions of this Agreement.
- 5.4 Interchangeable Terms.** For purposes of all provisions within this Agreement and all attachments hereto, the terms “Agreement” and “Contract” shall have the same meaning and shall be interchangeable.

6. COMPLIANCE WITH APPLICABLE LAW, CHOICE OF LAW

- 6.1** This Agreement shall be governed exclusively by the provisions hereof and by the laws of the State of New Mexico and applicable ordinances of Santa Fe County.
- 6.2** In performing its obligations hereunder, the Contractor shall comply with all applicable laws, ordinances, and regulations, including Santa Fe County Ordinance 2014-1 (Establishing a Living Wage).
- 6.3** Minimum Wage Rates. The Contractor, all subcontractors and sub-subcontractors warrants and agree to will comply with all applicable provisions of the New Mexico Public Works Minimum Wage Act as outlined in the Bid Documents. Wage rates are not applicable to projects costing less than \$60,000.
- 6.4** This Agreement shall be construed in accordance with the substantive laws of the State of New Mexico, without regard to its choice of law rules. Contractor and the County agree that the exclusive forum for any litigation between them arising out of or related to this Agreement shall be federal and state district courts of New Mexico.
- 6.5** Pursuant to 13-1-191, NMSA 1978, reference is hereby made to the criminal laws of New Mexico, including §30-14-1, §30-24-2, and §30-41-1 through 3 NMSA 1978, which prohibit bribes, kickbacks, and gratuities, violation of which constitutes a felony. Further, the Procurement Code, 13-1-28 through 13-1-199 NMSA 1978, imposes civil and criminal penalties for its violation.
- 6.6** New Mexico Tort Claims Act. By entering into this Agreement, neither party shall be

responsible for liability incurred as a result of the other party's acts or omissions in connection with this Agreement. Any liability incurred in connection with this Agreement is subject to the immunities and limitations of the New Mexico Tort Claims Act, Sections 41-4-1, et Seq. NMSA 1978, as amended. The County and its "public employees" as defined in the New Mexico Tort Claims Act, do not waive sovereign immunity, do not waive any defense and do not waive any limitation of liability pursuant to law. No provision in this Agreement modifies or waives any provision of the New Mexico Tort Claims Act.

- 6.7** Provision Required by Law Deemed Inserted. Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract shall forthwith be physically amended to make such insertion or correction.

7. EFFECTIVE DATE AND TERM

- 7.1** This Agreement shall, upon due execution by all parties, become effective in accordance with the Agreement Between County and Contractor for Construction, Article 3 - Effective Date, Time of Commencement and Substantial Completion. This Agreement shall not become effective until: (1) approved by the Santa Fe County Commissioners and/or the County Manager or their designee; and (2) signed by all parties required to sign this Agreement.
- 7.2** This Contract shall achieve Substantial Completion in accordance with the Agreement Between County and Contractor, Article 3 - Effective Date, Time of Commencement and Substantial Completion, unless earlier terminated pursuant to Section 8 (Termination) or 9, (Appropriations and Authorizations) of these General Conditions.

8. TERMINATION

- 8.1** Termination of Agreement for Cause. Either party may terminate the Agreement based upon any material breach of this Agreement by the other party. The non-breaching party shall give the breaching party written notice of termination specifying the grounds for the termination. The termination shall be effective 30 days from the breaching party's receipt of the notice of termination, during which time the breaching party shall have the right to cure the breach. If, however, the breach cannot with due diligence be cured within 30 days, the breaching party shall have a reasonable time to cure the breach, provided that, within 30 days of its receipt of the written notice of termination, the breaching party began to cure the breach and advised the non-breaching party in writing that it intended to cure.
- 8.2** Termination for Convenience of the County. The County may, in its discretion, terminate this Agreement at any time for any reason by giving the Contractor written notice of termination. The notice shall specify the effective date of termination, which shall not be less than 15 days from the Contractor's receipt of the notice. The County shall pay the

Contractor for acceptable work, determined in accordance with the specifications and standards set forth in this Agreement, performed before the effective date of termination but shall not be liable for any work performed after the effective date of termination.

- 8.3 Right of the County to Terminate Contract** In the event that any of the provisions of this contract are violated by the Contractor, or by any of its subcontractors, the County may serve written notice upon the Contractor and the Surety of its intention to terminate the contract, such notices to contain the reasons for such intention to terminate the contract, and unless within ten days after the serving of such notice upon the Contractor, such violation or delay shall cease and satisfactory arrangement of correction be made, the contract shall, upon the expiration of said ten days, cease and terminate. In the event of any such termination, the County shall immediately serve notice thereof upon the Surety and the Contractor and the Surety shall have the right to take over and perform the contract. Provided, however, that if the Surety does not commence performance thereof within ten days from the date of the mailing to such Surety of notice of termination, the County may take over the work and prosecute the same to completion by contract or by force account and at the expense of the Contractor and the Contractor and its Surety shall be liable to the County for any excess cost occasioned the County thereby, and in such event the County may take possession of and utilize in completing the work, such materials, appliances, and plant as may be on the site of the work and necessary therefore.

9. APPROPRIATIONS AND AUTHORIZATIONS

This Agreement is contingent upon sufficient appropriations and authorizations being made for performance of this Agreement by the Santa Fe County Board of County Commissioners and/or, if state funds are involved, the New Mexico State Legislature. If sufficient appropriations and authorizations are not made in this or future fiscal years, this Agreement shall terminate upon written notice by the County to the Contractor. Such termination shall be without penalty to the County, and the County shall have no duty to reimburse the Contractor for expenditures made in the performance of this Agreement. The County is expressly not committed to expenditure of any funds until such time as they are programmed, budgeted, encumbered and approved for expenditure by the County. The County's decision as to whether sufficient appropriations and authorizations have been made for the fulfillment of this Agreement shall be final and not subject to challenge by the Contractor in any way or forum, including a lawsuit.

10. AMENDMENTS – CHANGE ORDERS

Contract Documents may be amended by a Change Order, hereto attached as Exhibit I to allow for additions, deletions, and revision as specified in Article 2 “The Work” of the Agreement between Santa Fe County and the Contractor or to amend the terms and conditions by a Change Order.

11. INDEMNIFICATION

- 11.1** The Contractor shall defend, indemnify, and hold harmless the County and its elected

officials, agents, and employees from any losses, liabilities, damages, demands, suits, causes of action, judgments, costs or expenses (including but not limited to court costs and attorneys' fees) resulting from or directly or indirectly arising out of the Contractor's performance or non-performance of its obligations under this Agreement, including but not limited to the Contractor's breach of any representation or warranty made herein.

11.2 The Contractor agrees that the County shall have the right to control and participate in the defense of any such demand, suit, or cause of action concerning matters that relate to the County and that such suit will not be settled without the County's consent, such consent can not to be unreasonably withheld. If a conflict exists between the interests of the County and the Contractor in such demand, suit, or cause of action, the County may retain its own counsel to represent the County's interest.

11.3 The Contractor's obligations under this section shall not be limited by the provisions of any insurance policy the Contractor is required to maintain under this Agreement.

12. AGGRIEVEMENT PROCEDURE DURING CONTRACT ADMINISTRATION

12.1 Any claims, disputes, or other matters in question between the Contractor and the County, except those which have been waived by the making or acceptance of final payment as provided in Paragraph 6.2 of the Agreement Between Santa Fe County and Contractor for Construction, shall be presented in the form of a written request accompanied by supporting data to the Architect/Engineer for formal decision, with a copy to the other party. Such formal decision of the Architect/Engineer is binding upon the Contractor and the Owner unless either or both notify each other and the Architect/Engineer in writing within 15 days of their receipt of the decision that they are unwilling to abide by the Architect's/Engineer's decision, are thereby aggrieved in connection with the decision, and are separately exercising such rights as either may have under the Contract Documents or by law and regulation. If the Architect/Engineer fails to provide a written decision or a reasonable schedule to issue a written decision within ten days after the County or the Contractor has presented its request, that party may consider itself aggrieved and may proceed to exercise its rights.

12.2 A settlement agreement signed by the County and the Contractor shall supersede and cancel any other dispute resolution proceedings regarding the same matter.

12.3 Unless work is stopped or payment withheld in accordance with the conditions of the Contract, or unless otherwise agreed in writing, the Contractor shall carry on the Work and maintain its progress during any dispute resolution proceedings, and the Owner shall continue to make payments to the Contractor in accordance with the Contract Documents.

13. DISPUTE RESOLUTION

13.1 Either County or Contractor may request mediation pursuant to the New Mexico Public Works Mediation Act, 13-4C-1 NMSA 1978, of any claim before such decision become final and binding. The request for mediation shall be submitted in writing to the other

party. Timely submission of the request shall stay the effect of Paragraph 12.1.

- 13.2** County and Contractor shall participate in the mediation process in good faith. The process shall be completed within 60 days of filing of the request. The mediation shall be governed by the rules for mediation pursuant to the New Mexico Public Works Mediation Act.
- 13.3** If the dispute is not resolved by mediation, the dispute shall be resolved through litigation in the district court. The parties agree that the exclusive forum for such litigation shall be the State of New Mexico District Court for the First Judicial District at Santa Fe, New Mexico. Contractor irrevocably consents to the jurisdiction of said Court and agrees to accept service of a summons and complaint by mail or commercial courier service in accordance with Rule 1-004(E) (3) NMRA.

14. INSURANCE

- 14.1** The Contractor shall not commence work under this contract until they have obtained all the insurance required under this paragraph and such insurance has been approved by the County, nor shall the Contractor allow any subcontractor to commence work on its subcontract until the insurance required of the subcontractor has been so obtained and approved.
- 14.2** Proof of Carriage of Insurance. The Contractor shall furnish the County with certificates showing the type, amount, class of operations covered, effective dates and date of expiration of policies. Such certificates shall also contain substantially the following statement: "Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions".
- 14.3** General Conditions. The Contractor shall submit evidence of insurance as is required herein. Policies of insurance shall be written by companies authorized to write such insurance in New Mexico.
- 14.4** General Liability Insurance, Including Automobile. The Contractor shall procure and maintain during the life of this Agreement a comprehensive general liability and automobile insurance policy with liability limits in amounts not less than \$1,000,000.00 combined single limits of liability for bodily injury, including death, and property damage for any one occurrence. Said policies of insurance shall include coverage for all operations performed for the County by the Contractor; coverage for the use of all owned, non-owned, hired automobiles, vehicles and other equipment, both on and off work; and contractual liability coverage under which this Agreement is an insured contract. The Santa Fe County shall be a named additional insured on the policy.
- 14.5** Subcontractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance. The Contractor shall require each of its subcontractors to procure and to maintain during the life of its subcontract, Subcontractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance of the type and in the amounts specified in 14.4 above.

- 14.6 Workers' Compensation Insurance.** The Contractor shall comply with the provisions of the Workers' Compensation Act, 52-1-1 to 52-1-70 NMSA 1978. The Contractor shall procure and shall maintain during the life of this contract Workmen's Compensation Insurance as required by applicable State law for all of its employees to be engaged in work at the site of the project under this Contract and, in case of any such work sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workmen's Compensation Insurance. In case any class of employees engaged in hazardous work on the project under this contract is not protected under the Workmen's Compensation law, the Contractor shall provide and shall cause each subcontractor to provide adequate employer's liability insurance for the protection of such of its employees as are not otherwise protected.
- 14.7 Scope of Insurance and Special Hazards.** The insurance require under subparagraphs 14.4 and 14.5 hereof shall provide adequate protection for the Contractor and his subcontractors, respectively, against damage claims which may arise from operations under this Contract, whether such operations be by the insured or by anyone directly or indirectly employed by him and, also against any of the special hazards which may be encountered in the performance of this Contract.
- 14.8 Builder's Risk Insurance (Fire and Extended Coverage).** Until the project is completed and accepted by the County, the County, or Contractor at the County's option is required to maintain Builder's Risk Insurance (fire and extended coverage) on a 100 percent completed value basis on the insurable portion of the project for the benefit of the County, the Contractor, subcontractors as their interests may appear. The Contractor shall not include any costs for Builder's Risk Insurance (fire and extended coverage) premiums during construction unless the Contractor is required to provide such insurance; however, this provision shall not release the Contractor from its obligation to complete, according to plans and specifications, the project covered by the contract, and the Contractor and his Surety shall be obligated to full performance of the Contractor's undertaking.
- 14.9 Increased Limits.** If, during the life of this Agreement, the New Mexico State Legislature increases the maximum limits of liability under the Tort Claims Act (NMSA 1978, Sections 41-4-1 through 41-4-29, as amended), the Contractor shall increase the maximum limits of any insurance required herein.
- 14.10 Additional insured.** Santa Fe County will be listed as an additional insured on all policies, and proof of coverage must be provided before work begins. Contractor shall maintain adequate insurance in at least the maximum amounts which the County could be liable under the New Mexico Tort Claims Act. It is the sole responsibility of the Contractor to be in compliance with the law.

15. INDEPENDENT CONTRACTOR

- 15.1** The Contractor and the Contractor's agents and employees are independent contractors

performing professional and technical services for the County and are not employees of the County. The Contractor and the Contractor's agents and employees shall not accrue leave, retirement, insurance, bonding, use of County's vehicles, or any other benefits afforded to employees of the County as a result of this Agreement.

15.2 The Contractor shall not subcontract any portion of the services to be performed under this Agreement without prior written approval of the County.

15.3 The Contractor shall maintain detailed time records which indicate the date, time and nature of services rendered. These records shall be subject to inspection by the County and the State Auditor. The County shall have the right to audit billings both before and after payment. Payment under this Agreement shall not foreclose the right of the County to recover excessive illegal payments.

16. CONFLICT OF INTEREST OF OFFICERS OR EMPLOYEES OF THE LOCAL JURISDICTION, MEMBERS OF THE LOCAL GOVERNING BODY, OR OTHER PUBLIC OFFICIALS

16.1 No officer or employee of the local jurisdiction or its designees or agents, no member of the governing body, and no other public official of the locality who exercises any function or responsibility with respect to this contract, during its tenure or for one year thereafter, shall have any interest, direct or indirect, in any contract or subcontract, or the proceeds thereof, for work to be performed. Further, the Contractor shall cause to be incorporated in all subcontracts the language set forth in this paragraph prohibiting conflict of interest.

16.2 No official of the County who is authorized in such capacity and on behalf of the County to negotiate, make, accept or approve, or to take part in negotiating, making accepting or approving any architectural, engineering, inspection, construction or material supply contract or any subcontract in connection with the construction of the project, shall become directly or indirectly interested personally in this contract or in any part hereof. No officer, employee, architect, attorney, engineer or inspector of or for the County who is authorized in such capacity and on behalf of the County to exercise any legislative, executive, supervisory or other similar functions in connection with the construction of the project, shall become directly or indirectly interested personally in this contract or in any part thereof, any material supply contract, subcontract, insurance contract, or any other contract pertaining to the project.

16.3 The Contractor warrants that the Contractor presently has no interest and shall not acquire any interest, direct or indirect, which would conflict in any manner or degree with the performance or services required under this Agreement.

17. ASSIGNMENT

17.1 The Contractor shall not assign or transfer any interest in this Agreement or assign any claims for money due or to become due under this Agreement without the advance written approval of the County. Any attempted assignment or transfer without the County's

advance written approval shall be null and void and without any legal effect.

18. SUBCONTRACTING

- 18.1** The Contractor shall not subcontract or delegate any portion of the services to be performed under this Agreement without the advance written approval of the County. Any attempted subcontracting or delegating without the County's advance written approval shall be null and void and without any legal effect.
- 18.2** Contractor shall provide to the County a listing of subcontractors within ten (10) days of the Contract award.
- 18.3** Contractor shall adhere to all provisions of the Subcontractor's Fair Practices Act 13-4-31 to 13-4-42, NMSA 1978.
- 18.4** Contractor shall provide to the County completed Non-Collusion Affidavit of Subcontractor form and Certification of Subcontractor Regarding Equal Employment Opportunity form for all subcontractors listed.
- 18.5** The Contractor shall not award any work to any subcontractor without prior written approval of the County, which approval will not be given until the Contractor submits to the County a written statement concerning the proposed award to the subcontractor, which statement shall contain such information as the County may require.
- 18.6** The Contractor shall be as fully responsible to the County for the acts and omissions of its subcontractors, and of persons either directly or indirectly employed by them, as they are for the acts and omissions of persons directly employed by them.
- 18.7** The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the Contractor by the terms of the General Conditions and other contract documents insofar as applicable to the work of subcontractors and to give the Contractor the same power as regards terminating any subcontract that the County may exercise over the Contractor under any provision of the contract documents.
- 18.8** Nothing contained in this contract shall create any contractual relation between any subcontractor and the County.
- 18.9** All Work performed for Contractor by a Subcontractor or Supplier will be pursuant to an appropriate written agreement between Contractor and the Subcontractor or Supplier which specifically binds the Subcontractor or Supplier to the applicable terms and conditions of the Contract Documents for the benefit of County. Any contract between Contractor and a Subcontractor or Supplier shall provide that any remedy or claim for nonpayment of sums due or owing to Subcontractor or Supplier or services performed or materials provided is against Contractor and not County, subject to any remedy or rights Subcontractor or Supplier may have under the terms of the Contractor's Performance Bond and Section 13-4-19 NMSA 1978, the New Mexico Little Miller Act.

19. PERSONNEL

- 19.1** All work performed under this Agreement shall be performed by the Contractor or under its supervision.
- 19.2** The Contractor represents that it has, or will secure at its own expense, all personnel required to discharge its obligations under this Agreement. Such personnel (i) shall not be employees of or have any contractual relationships with the County and (ii) shall be fully qualified and licensed or otherwise authorized or permitted under federal, state, and local law to perform such work.

20. NOTICES

- 20.1** Any notice required to be given to either party by this Agreement shall be in writing and shall be delivered in person, by courier service or by U.S. mail, either first class or certified, return receipt requested, postage prepaid, as follows:

To the County:

To the Contractor:

- 20.2** Nothing herein contained shall preclude the giving of any such written notice by personal service. The address to which notices shall be mailed to either party may be changed by written notice given by such party to the other as hereinabove provided.

21. RELEASE

The Contractor, upon final payment of the amounts due under this Agreement, releases the County, the County's officers and employees from all liabilities and obligations arising from or under this Agreement, including, without limitation, all damages, losses, costs, liability, and expenses, including, without limitation, attorney's fees and costs of litigation that the Contractor may have.

22. WAIVER

No provision of this Agreement shall be deemed to have been waived by either party unless such waiver be in writing signed by the party making the waiver and addressed to the other party; nor shall any custom or practice which may evolve between the parties in the administration of the terms hereof be construed to waive or lessen the right of either party to insist upon performance by the other party in strict accordance with the terms hereof. Further, the waiver by any party of a breach by the other party of any term,

covenant, or condition hereof shall not operate as a waiver of any subsequent breach of the same or any other term, covenant, or condition thereof.

CONDITIONS OF THE WORK

1. ADDITIONAL INSTRUCTIONS AND DETAIL DRAWINGS

- 1.1** The Contractor will be furnished additional instructions and detail drawings as necessary to carry out the work included in the Contract. The additional drawings and instructions supplied to the Contractor will coordinate with the Contract Documents and will be so prepared that they can be reasonably interpreted as part thereof. The Contractor shall carry out the work in accordance with the additional detail drawings and instructions. The Contractor and the Architect/Engineer/County will prepare jointly (a) a schedule, fixing the dates at which special detail drawings will be required, such drawings, if any, to be furnished by the Architect/ Engineer/County in accordance with the schedule, and (b) a schedule fixing the respective dates for the submission of shop drawings, the beginning of manufacture, testing and installation of materials, supplies and equipment, and the completion of the various parts of the work; each schedule to be subject to change from time to time in accordance with progress of the work.

2. SHOP OR SETTING DRAWINGS

- 2.1** The Contractor shall submit promptly to the Architect/Engineer/County two (2) copies of each shop or setting drawing prepared in accordance with the schedule predetermined as aforesaid. After examination of such drawings by the Architect/Engineer/County and the return thereof, the Contractor shall make such corrections to the drawings as have been indicated and shall furnish the Architect/ Engineer/County with two corrected copies. If requested by the Architect/Engineer/County the Contractor must furnish additional copies. Regardless of corrections made in or approval given to such drawings by the Architect/Engineer/County, the Contractor will be responsible for the accuracy of such drawings and for their conformity to the Plans and Specifications, unless the Contractor notifies the Architect/Engineer/County in writing of any deviations at the time the Contractor furnishes such drawings.

3. MATERIALS, SERVICES AND FACILITIES

3.1 It is understood that except as otherwise specifically stated in the Contract Documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, superintendence, temporary construction of every nature, and all other services and facilities of every nature whatsoever necessary to execute, complete, and deliver the work within the specified time.

3.2 Any work necessary to be performed after regular working hours, on Sundays or legal holidays, shall be performed without additional expense to the County.

4. CONTRACTOR'S TITLE TO MATERIALS

- 4.1** No materials or supplies for the work shall be purchased by the Contractor or by any

subcontractor subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller. The Contractor warrants that he/she has good title to all materials and supplies used by him/her in the work, free from all liens, claims or encumbrances.

5. INSPECTION AND TESTING OF MATERIALS

- 5.1** All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards. The laboratory or inspection agency shall be selected by the County. The County will pay for all laboratory inspection service direct, and not as a part of the Contract.
- 5.2** Materials of construction, particularly those upon which the strength and durability of the structure may depend, shall be subject to inspection and testing to establish conformance with specifications and suitability for uses intended.

6. "OR EQUAL" CLAUSE

- 6.1** Whenever a material, article or piece of equipment is identified on the plans or in the specifications by reference to manufacturers' or vendors' names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; and, any material, article, or equipment or other manufacturers and vendors which will perform adequately the duties imposed by the general design will be considered equally acceptable provided the material, article, or equipment so proposed, is, in the opinion of the Architect/Engineer/County, of equal substance and function. It shall not be purchased or installed by the Contractor without the Architect/Engineer/County's written approval.

7. PATENTS

- 7.1** The Contractor shall hold and save the County and its officers, agents, servants, and employees harmless from liability of any nature or kind, including cost and expenses for, or on account of, any patented or unpatented invention, process, article, or appliance manufactured or used in the performance of the Contract, including its use by the County, unless otherwise specifically stipulated in the Contract Documents.
- 7.2** License and/or Royalty Fees for the use of a process which is authorized by the County of the project must be reasonable, and paid to the holder of the patent, or its authorized licensee, direct by the County and not by or through the Contractor.
- 7.3** If the Contractor uses any design, device or materials covered by letters, patent or copyright, the Contractor shall provide for such use by suitable agreement with the County of such patented or copyrighted design, device or material. It is mutually agreed and understood, that, without exception, the Contract prices shall include all royalties or costs arising from the use of such design, device or materials, in any way involved in the work. The Contractor and/or its Sureties shall indemnify and save harmless the County of the project from any and all claims for infringement by reason of the use of such patented or

copyrighted design, device or materials, or any trademark or copyright in connection with work agreed to be performed under this Contract, and shall indemnify the County for any cost, expense or damage which it may be obliged to pay by reason of such infringement at any time during the prosecution of the work or after, completion of the work.

8. SURVEYS, PERMITS AND REGULATIONS

- 8.1** Unless otherwise expressly provided for in the Specifications, the County will furnish to the Contractor all surveys necessary for the execution of the work.
- 8.2** Unless otherwise expressly provided for in the Specifications, the Contractor shall procure and pay all permits, licenses and approvals necessary for the execution of this Contract.
- 8.3** The Contractor shall comply with all laws, ordinances, rules, orders, and regulations relating to performance of the work, the protection of adjacent property, and the maintenance of passageways, guard fences or other protective facilities.

9. CONTRACTOR'S OBLIGATIONS

- 9.1** The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required by this Contract, within the time herein specified. The Contractor will perform the Work in accordance with the provisions of this Contract and said specifications and in accordance with the plans and drawings covered by this Contract any and all supplemental plans and drawings, and in accordance with the directions of the Architect/Engineer/County as given from time to time during the progress of the work. The Contractor shall furnish, erect, maintain, and remove such construction plans and such temporary works as may be required.
- 9.2** The Contractor shall observe, comply with, and be subject to all terms, conditions, requirements, and limitations of the Contract and specifications, and shall do, carry on, and complete the entire work to the satisfaction of the Architect/Engineer and the County.

10. WEATHER CONDITIONS

- 10.1** In the event of temporary suspension of work, or during inclement weather, or whenever the Architect/Engineer/County shall direct, the Contractor will, and will cause its subcontractors to protect carefully its and their work and materials against damage or injury from the weather. If, in the opinion of the Architect/Engineer/County, any work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of its Subcontractors so to protect its work, such materials shall be removed and replaced at the expense of the Contractor.

11. PROTECTION OF WORK AND PROPERTY-EMERGENCY

- 11.1** The Contractor shall at all times safely guard the County's property from injury or loss in connection with this Contract. The Contractor shall at all times safely guard and protect its own work, and that of adjacent property from damage. The Contractor shall replace or make good any such damage, loss or injury unless such is caused directly by errors contained in the Contract or by the County, or its duly authorized representatives.
- 11.2** In case of an emergency which threatens loss or injury of property, and/or safety of life, the Contractor will be allowed to act, without previous instructions from the Architect/Engineer/County, in a diligent manner. The Contractor shall notify the Architect/Engineer/County immediately thereafter. Any claim for compensation by the Contractor due to such extra work shall be promptly submitted to the Architect/Engineer/County for approval.
- 11.3** Where the Contractor has not taken action but has notified the Architect/Engineer/County of an emergency threatening injury to persons or to damage to the work or any adjoining property, the Contractor shall act as instructed or authorized by the Architect/Engineer/County.
- 11.4** The amount of reimbursement claimed by the Contractor on account of any emergency action shall be determined in the manner provided in Paragraph 15 of these Conditions of the Work.

12. INSPECTION

- 12.1** The authorized representatives and agents of the County shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices of materials, and other relevant data and records.

13. REPORTS, RECORDS AND DATA

- 13.1** The Contractor shall submit to the County such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as the County may request concerning work performed or to be performed under this Contract.

14. SUPERINTENDENT BY CONTRACTOR

- 14.1** At the site of the work the Contractor shall employ a construction superintendent or foreman who shall have full authority to act for the Contractor. It is understood that such representative shall be acceptable to the Architect/ Engineer/County and shall be one who can be continued in that capacity for the particular job involved unless he/she ceases to be on the Contractor's payroll.

15. CHANGES IN WORK

- 15.1** No changes in the work covered by the approved Contract Documents shall be made without having prior written approval of the County. Charges or credits for the work

covered by the approved change shall be determined by one or more, or a combination of the following methods:

- A. Unit bid prices previously approved.
- B. An agreed contract sum.
- C. The actual cost of:
 - 1) Labor, including foremen;
 - 2) Materials entering permanently into the work;
 - 3) The County's or rental cost of construction equipment during the time of use on the extra work;
 - 4) Power and consumable supplies for the operation of power equipment;
 - 5) Insurance;
 - 6) Social Security and old age and unemployment contributions.
- D. To the costs for changes in work a fixed fee will be added to be agreed upon but not to exceed ten percent (10%) of the actual cost of the work. The fee shall be compensation to cover the cost of supervision, overhead, bond, profit and any other general expenses.

16. EXTRAS

16.1 Without invalidating the contract, the County may order extra work or make changes by altering, adding to or deducting from the work, the contract sum being adjusted accordingly, and the consent of the Surety being first obtained where necessary or desirable. All the work of the kind bid upon shall be paid for at the price stipulated in the proposal, and no claims for any extra work or materials shall be allowed unless the work is ordered in writing by the County or the Architect/Engineer, acting officially for the County, and the price is stated in such order.

17. INSPECTION OF SERVICES

17.1 The Contractor shall provide and maintain an inspection system acceptable to the County covering the services under this Contract. Complete records of all inspection work performed by the Contractor shall be maintained and made available to the County during contract performance and for as long afterwards as the Contract requires.

17.2 The County has the right to inspect and test all services called for by the Contract, to the extent practicable at all times and places during the term of the Contract. The County shall perform inspections and tests in a manner that will not unduly delay the work.

17.3 If the County performs inspections or tests on the premises of the Contractor or a subcontractor, the Contractor shall furnish, and shall require subcontractors to furnish, at no increase in contract price, all reasonable facilities and assistance for the safe and convenient performance of these duties.

17.4 If any of the services do not conform with the Contract requirements, the County may require the Contractor to perform the services again in conformity with Contract

requirements, at no increase in contract amount. When the defects in services cannot be corrected by re-performance, the County may require the Contractor to take necessary action to ensure that future performance conforms to contract requirements; and reduce the Contract sum to reflect the reduced value of the services performed.

- 17.5** If the Contractor fails to promptly perform the services again or to take the necessary action to ensure future performance in conformity with Contract requirements, the County may by contract or otherwise, perform the services and charge to the Contractor any cost incurred by the County that is directly related to the performance of such service, or terminate the Contract for default.

18. CORRECTION OF WORK

- 18.1** All work, all materials, whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Architect/ Engineer/County who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture, and methods of construction for the purposes for which they are used. Should they fail to meet their approval they shall be forthwith reconstructed, made good, replaced and/or corrected, as the case may be, by the Contractor at its own expense. Rejected material shall immediately be removed from the site. If, in the opinion of the Architect/Engineer/County, it is undesirable to replace any defective or damaged materials or to reconstruct or correct any portion of the work injured or not performed in accordance with the Contract Documents, the compensation to be paid to the Contractor hereunder shall be reduced by such amount as in the judgment of the Architect/Engineer/County shall be equitable.

19. WARRANTY OF CONSTRUCTION

- 19.1** In addition to any other warranties in this Contract, the Contractor warrants that work performed under this Contract conforms to the Contract requirements and is free of any defect in equipment, material, or design furnished, or workmanship performed by the Contractor or any subcontractor or supplier at any tier.
- 19.2** This warranty shall continue for a period of one (1) year from the date of final acceptance of the work. If the County takes possession of any part of the work before final acceptance, this warranty shall continue for a period of one (1) year from the date the County takes possession.
- 19.3** The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to County-owned or controlled real or personal property, when that damage is the result of the Contractor's failure to conform to contract requirements or any defect of equipment, material, workmanship, or design furnished.
- 19.4** The Contractor shall restore any work damaged in fulfilling the terms and conditions of this clause. The Contractor's warranty with respect to work repaired or replaced will run for

one (1) year from the date of repair or replacement.

- 19.5** The County shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.
- 19.6** If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, the County shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.
- 19.7** With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for work performed and materials furnished under this Contract, the Contractor shall obtain all warranties that would be given in normal commercial practice; require all warranties to be executed, in writing, for the benefit of the County, if directed by the County; and, enforce all warranties for the benefit of the County, if directed by the County.
- 19.8** In the event the Contractor's warranty under subparagraph 19.4 of this clause has expired, the County may bring suit at its expense to enforce a subcontractor's, manufacturer's, or supplier's warranty.
- 19.9** Unless a defect is caused by the negligence of the Contractor or subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by the County nor for the repair of any damage that results from any defect in County-furnished material or design.
- 19.10** This warranty shall not limit the County's rights under the Inspection and Acceptance clause of this Contract with respect to latent defects, gross mistakes, or fraud.

20. SUBSURFACE CONDITIONS FOUND DIFFERENT

- 20.1** Should the Contractor encounter sub-surface and/or latent conditions at the site materially differing from those shown on the Plans or indicated in the Specifications, the Contractor shall immediately give notice to the Architect/Engineer/County of such conditions before they are disturbed. The Architect/Engineer/County will thereupon promptly investigate the conditions, and if they find that they materially differ from those shown on the Plans or indicated in the Specifications, they will at once make such changes in the Plans and/or Specifications as they may find necessary, any increase or decrease of cost resulting from such changes to be adjusted in the manner provided in Paragraph 15 above.

21. CLAIMS FOR EXTRA COST

- 21.1** No claim for extra work or cost shall be allowed unless the same was done in pursuance of a written order of the Architect/Engineer approved by the County, as aforesaid, and the claim presented with the first estimate after the changed or extra work is done. When work is performed under the terms of General Conditions, the Contractor shall furnish satisfactory bills, payrolls and vouchers covering all items of cost and when requested by the County, giving the County access to accounts relating thereto.

22. CONSTRUCTION SCHEDULE AND PERIODIC ESTIMATES

- 22.1** Immediately after execution and delivery of the Contract, and before the first partial payment is made, the Contractor shall deliver to the County an estimated construction progress schedule in a form satisfactory to the County, showing the proposed dates of commencement and completion of each of the various subdivisions of work required under the Contract Documents and the anticipated amount of each monthly payment that will become due to the Contractor in accordance with the progress schedule. The Contractor shall also furnish on forms to be supplied by the County (a) a detailed estimate giving a complete breakdown of the Contract sum and (b) periodic itemized estimates of work done for the purpose of making partial payments thereof. The costs employed in making up any of these schedules will be used only for determining the basis of partial payments and will not be considered as fixing a basis for additions to or deductions from the Contract price.

22.2 Schedule

The Contractor shall, within five (5) days after the effective date of Notice to Proceed, prepare and submit five (5) copies of a progress schedule covering project operations for the Contract period. This progress schedule shall be of the type generally referred to as a Critical Path Method (CPM), Critical Path Schedule (CPS), and Critical Path Analysis (CPA), and other similar designations. The CPM shall be used to control the timing and sequences of the project. All work shall be done in accordance with the CPM Planning and Scheduling. A written statement of explanation shall be submitted with the progress schedule. All costs incurred by the contractor to implement the CPM shall be borne by the Contractor.

23. ASSIGNMENTS

- 23.1** The Contractor shall not assign the whole or any part of this Contract or any monies due or to become due hereunder without written consent of the County. In case the Contractor assigns all or any part of any monies due or to become due under this Contract, the instrument of assignment shall contain a clause substantially to the effect that it is agreed that the right of the assignee in and to any monies due or to become due to the Contractor shall be subject to prior claims of all persons, firms and corporations of services rendered or materials supplied for the performance of the work called for in this Contract.

24. MUTUAL RESPONSIBILITY OF CONTRACTORS

- 24.1** If, through acts of neglect on the part of the Contractor, any other Contractor or any subcontractor shall suffer loss or damage on the work, the Contractor agrees to settle with such other Contractor or subcontractor by agreement or arbitration if such other Contractor or subcontractors will so settle. If such other Contractor or subcontractor shall assert any claim against the County on account of any damage alleged to have been sustained, the County shall notify the Contractor, who shall indemnify and save harmless the County against any such claim.

25. SEPARATE CONTRACT

- 25.1** The Contractor shall coordinate its operations with those of other contractors. Cooperation will be required in the arrangement for the storage of materials and in the detailed execution of the work. The Contractor, including its subcontractors, shall keep informed of the progress and the detail work of other contractors and shall notify the Architect/Engineer/County immediately of lack of progress or defective workmanship on the part of other contractors. Failure of a contractor to keep informed of the work progressing on the site and failure to give notice of lack of progress or defective workmanship by others shall be construed as acceptance by the Contractor of the status of the work as being satisfactory for proper coordination with its own work.

26. ARCHITECT/ENGINEER'S AUTHORITY

- 26.1** The Architect/Engineer/County shall give all orders and directions contemplated under this Contract and specifications, relative to the execution of the work. The Architect/Engineer/County shall determine the amount, quality, acceptability, and fitness of the several kinds of work and materials which are to be paid for under this Contract and shall decide all questions which may arise in relation to said work and the construction thereof. The Architect/Engineer/County's estimates and decisions shall be final and conclusive, except as herein otherwise expressly provided. In case any question shall arise between the parties hereto relative to said contract or specifications, the determination or decision of the Architect/Engineer/County shall be a condition precedent to the right of the Contractor to receive any money or payment for work under this Contract affected in any manner or to any extent by such question.
- 26.2** The Architect/Engineer/County shall decide the meaning and intent of any portion of the specifications and of any plans or drawings where the same may be found obscure or be in dispute. Any differences or conflicts in regard to their work which may arise between the Contractor under this Contract and other Contractors performing work for the County shall be adjusted and determined by the Architect/Engineer/County.

27. STATED ALLOWANCES

- 27.1** It is understood that Contractor has included in its proposal for the Contract sum all allowances including "Allowed Materials" The Contractor shall purchase the "Allowed Materials" as directed by the County on the basis of the lowest and best bid of at least three competitive bids. If the actual sum for purchasing the "Allowed Materials" is more or less than the "Cash Allowance," the Contract sum shall be adjusted accordingly. The adjustment in contract price shall be made on the basis of the purchase price without additional charges for overhead, profit, insurance or any other incidental expenses. The cost of installation of the "Allowed Materials" shall be included in the applicable sections of the Contract Specifications covering this work.

28. USE OF PREMISES AND REMOVAL OF DEBRIS

28.1 The Contractor expressly undertakes at its own expense:

- A. to take every precaution against injuries to persons or damage to property;
- B. to store its apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of its work or the work of any other subcontractors;
- C. to place upon the work or any part thereof only such loads as are consistent with the safety of the portion of the work;
- D. to clean up frequently all refuse, rubbish, scrap materials, and debris caused by its operations, to the end that at all times the site of the work shall present a neat, orderly and workmanlike appearance;
- E. before final payment to remove all surplus material, false-work, temporary structures, including foundations thereof, plant of any description and debris of every nature resulting from its operations, and to put the site in a neat, orderly condition.
- F. to effect all cutting, fitting or patching of its work required to make the same to conform to the plans and specifications and, except with the consent of the Architect/Engineer/County, not to cut or otherwise alter the work of any other Contractor.

29. QUANTITIES OF ESTIMATE

- 29.1** Wherever the estimated quantities of work to be done and materials to be furnished under this Contract are shown in any of the documents including the proposal, they are given for use in comparing bids and the right is especially reserved except as herein otherwise specifically limited, to increase or diminish them as may be deemed reasonably necessary or desirable by the County to complete the work contemplated by this Contract, and such increase or diminution shall in no way void this Contract, nor shall any such increase or diminution give cause for claims or liability for damages.

30. LANDS AND RIGHTS-OF-WAY

- 30.1** Prior to the start of construction, the County shall obtain all lands and rights-of-way necessary for the carrying out and completions of work to be performed under this Contract.

31. GENERAL GUARANTY

- 31.1** Neither the final certificate of payment nor any provision in the Contract Documents, nor partial or entire occupancy of the premises by the County, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of one (1) year from the date of final acceptance of the work unless a longer period is specified. The County will give notice of observed defects with reasonable promptness.

32. PROTECTION OF LIVES AND HEALTH

- 32.1** The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for all damages to persons or property, either on or off the site, which occur as a result of its prosecution of the work. The safety provisions of applicable laws and building and construction codes shall be observed and the Contractor shall take or cause to be taken, such additional safety and health measures as the County may determine to be reasonably necessary.

33. INTEREST OF MEMBER

- 33.1** No member of Santa Fe Board of County Commissioners shall be admitted to any share or part of this Contract or to any benefit that may arise therefrom.

34. OTHER PROHIBITED INTERESTS

- 34.1** No official of the County who is authorized in such capacity and on behalf of the County to negotiate, make, accept or approve, or to take part in negotiating, making accepting or approving any architectural, engineering, inspection, construction or material supply contract or any subcontract in connection with the construction of the project, shall become directly or indirectly interested personally in this Contract or in any part hereof. No officer, employee, architect, attorney, engineer or inspector of or for the County who is authorized in such capacity and on behalf of the County to exercise any legislative, executive, supervisory or other similar functions in connection with the construction of the project, shall become directly or indirectly interested personally in this Contract or in any part thereof, any material supply contract, subcontract, insurance contract, or any other contract pertaining to the project.

35. USE AND OCCUPANCY PRIOR TO ACCEPTANCE BY COUNTY

- 35.1** The Contractor agrees to the use and/or occupancy of a portion or unit of the project before formal acceptance by the County, provided the County:
- A. Secures written consent of the Contractor except in the event, in the opinion of the Architect/ Engineer, the Contractor is chargeable with unwarranted delay in final cleanup of punch list items or other contract requirements.
 - B. Secures endorsement from the insurance carrier and consent of the surety permitting occupancy of the building or use of the project during the remaining period of construction.
 - C. When the project consists of more than one building, and one of the buildings is occupied, secures permanent fire and extended coverage insurance, including a permit to complete construction. Consent of the surety must also be obtained.

ATTACHMENT A

BID SHEETS

ATTACHMENT B

ADDENDA & MODIFICATIONS

EXHIBIT A
PROJECT MANUAL

EXHIBIT B

TECHNICAL SPECIFICATIONS AS LISTED IN PLAN SET

EXHIBIT C

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENT, THAT WE _____

_____ as PRINCIPAL hereinafter called the “PRINCIPAL” and
 _____ as SURETY hereinafter called the “SURETY”, are held and
 firmly bound unto Santa Fe County, a Political Subdivision of the State of New Mexico as OBLIGEE
 hereinafter called the “COUNTY”, for the use and benefit of any claimants as herein below defined, in
 the amount of _____ (\$.) dollars for the payment whereof
 PRINCIPAL and SURETY bind themselves, their heirs, executors, administrators, successors, and
 assigns, jointly and severally, firmly by these presents.

WHEREAS, the PRINCIPAL has a written contract dated _____, 2022, with the
 COUNTY for the Re-Bid Construction for the Madrid Fire Station, in Santa Fe County, New Mexico,
 which must be constructed in accordance with drawings and specifications which contract is referenced
 and made a part hereof, and is hereinafter referred to as the “Contract.”

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if PRINCIPAL shall
 promptly make payment to all claimants as hereinafter defined, for all labor and material used or
 reasonably required for use in the performance of the Contract, then this obligation shall be void;
 otherwise, it shall remain in full force and effect, subject to the following conditions:

6. A claimant is defined as one having a direct contract with the PRINCIPAL or with a subcontractor of the PRINCIPAL for labor, material, or both, used or reasonably required for use in the performance of the Contract, labor and material being construed to include but not be limited to that part of water, gas, power, light, heat, oil, gasoline, telephone services or rental of equipment directly applicable to the Contract.
7. The above named PRINCIPAL and SURETY hereby jointly and severally agree with the COUNTY that every claimant as herein defined, who has not been paid in full before the expiration of a period of ninety (90) days after the date on which the last of such claimant's work or labor was done or performed, or materials were furnished by such claimant, prosecute a suit to final judgment for such sum or sums as may be justly due claimant, and have execution thereof. The COUNTY shall not be liable for payment of any cost or expenses of any such suit.
8. No suit or action shall be commenced hereunder by any claimant:
 - c. Unless claimant, or other than one having a direct contract with the PRINCIPAL, shall have written notice in the form of an sworn statement to the COUNTY and any one or both of the following: the PRINCIPAL or SURETY above named, within ninety (90) days after such said claim is made or suit filed, stating with substantial accuracy the amount claimed and the name of the party to whom the materials were furnished, or for whom the work or labor was done or performed.

- d. Such notice shall be served by mailing the same by registered mail or certified mail, postage prepaid, in an envelope addressed to the COUNTY, PRINCIPAL or SURETY, at any place where an office is regularly maintained by said COUNTY, PRINCIPAL or SURETY for the transaction of business, or served in any manner in which legal process may be served in the State in which the aforesaid project is located, save that such service need not be made by a public officer.
9. Any suit under this Labor and Material Bond must be instituted in accordance with the statute of limitation under Section 37-1-3 NMSA 1978.
10. No right of action shall accrue on this Bond to or for the use of any person or corporation other than subcontractors or sub-subcontractors of the said Contract between PRINCIPAL and Santa Fe County named herein.

SIGNED AND SEALED THIS _____ DAY OF _____, 2022.

CONTRACTOR – PRINCIPAL (signature)

By: _____
(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY (signature)

(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY'S Authorized New Mexico Agent

EXHIBIT D

PERFORMANCE BOND

(SAMPLE)

A. KNOW ALL MEN BY THESE PRESENT, THAT WE _____, as PRINCIPAL hereinafter called the “CONTRACTOR” and _____,

_____ as SURETY hereinafter called the “SURETY”, are held and firmly bound unto OBLIGEE Santa Fe County, a Political Subdivision of the State of New Mexico, hereinafter called the “COUNTY”, in the sum of _____ (\$_____) dollars for the payment whereof CONTRACTOR and SURETY bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

B. WHEREAS, the CONTRACTOR has a written contract dated _____, 2022, with the COUNTY for the Re-Bid Construction Services for the Madrid Fire Station, Santa Fe County, New Mexico, in accordance with drawings and specifications which contract is referenced made part hereof, and is hereinafter referred to as the “Contract.”

C. NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION is such that, if CONTRACTOR shall promptly and faithfully perform said Contract (including any amendment thereto), then this obligation shall be null and void; otherwise it shall remain in full force and effect until the COUNTY shall by written instrument notify the SURETY that the obligation is discharged, except that the obligation shall continue for at least three (3) months following the expiration of the term of the Contract.

3. The SURETY hereby waives notice of any alteration or extension of the Contract time made by the COUNTY.
4. Whenever CONTRACTOR shall be, and is declared by the COUNTY to be in default under the Contract, the COUNTY having performed the COUNTY’S obligations thereunder, the SURETY must promptly remedy the default and shall promptly:

(3) Complete the Contract in accordance with its terms and conditions, or

- (4) Obtain a bid or bids for submission to the COUNTY for completing the Contract in accordance with its terms and conditions, and upon determination by the COUNTY and SURETY of the lowest responsible bidder, arrange for a contract between such bidder and Santa Fe County, and make available as work progresses (even though there should be a default or a secession of defaults under the Contract or contracts of completion arranged under this paragraph) sufficient funds to pay the cost of completion less the balance of the Contract price, but not exceeding, including other costs and damages for which the SURETY may be liable hereunder, the amount set forth in the first paragraph hereof. The term “balance of the Contract price” as used in this paragraph, shall mean the total amount payable by the COUNTY to CONTRACTOR under the Contract and any amendments thereto, less the amount properly paid by the COUNTY to CONTRACTOR.

D. No right of action shall accrue on this Performance Bond to or for the use of any person or corporation other than Santa Fe County named herein or the heirs, executors, administrators, or successors of Santa Fe County.

E. This Bond shall be enforceable without the need to have recourse to any judicial or arbitral proceedings.

SIGNED AND SEALED THIS _____ DAY OF _____, 2022.

CONTRACTOR – PRINCIPAL (signature)

By: _____
(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY (signature)

(Printed name and title)

NOTARY PUBLIC (seal)

My Commission expires: _____

SURETY'S Authorized New Mexico Agent

EXHIBIT E

ASSIGNMENT OF ANTITRUST CLAIMS

TO BE EXECUTED BY GENERAL CONTRACTORS, SUBCONTRACTORS, SUPPLIERS,
AND SUBSUBCONTRACTORS OF CONTRACTORS ON COUNTY CONTRACTS.

FIRM NAME:
ADDRESS:

PROJECT: Re-Bid Construction Services
for the Madrid Fire Station

PHONE NO.:

PROJECT NO: 2022-0070-PW/APS

_____ agrees that any and all claims which it may have or may inure to it for overcharges resulting from antitrust violations as to goods, services, and materials purchased in connection with the above-referenced project are hereby assigned to Santa Fe County, but only to the extent that such overcharges are passed on to the County. It is agreed that the undersigned retains all rights to any such antitrust claims to the extent of any overcharges not passed on to the County, including the right to any treble damages attributable thereto.

FIRM: _____

BY: _____
Signed by Individual empowered to obligate Suppliers,
Subcontractors or Subsubcontractors

TITLE: _____

EXHIBIT F

CERTIFICATE OF LIABILITY INSURANCE

EXHIBIT G

NOTICE OF CONTRACT AWARD

TO:

FROM: _____, Public Works Department

CONTRACT NO. 2022-0070-PW/APS

This is to inform that you that you have been awarded the Contract for:

Project Name: Re-Bid Construction Services for the Madrid Fire Station

Date of Award _____ Amount of Award _____

Contractor Information:

Firm Name: _____ License# _____

Address: _____ Phone # _____

It is anticipated that construction will take place:

Approximate Starting Date: _____ Approximate Completion Date: _____

Santa Fe County hereby accepts your offer on the solicitation No. _____ as reflected in this award document. The rights and obligations of the parties shall be subject to and governed by this document and any documents attached or incorporated by reference.

SANTA FE COUNTY

Name of Public Works Director or designee: _____
(Print Name)

Signature

EXHIBIT H

NOTICE TO PROCEED

TO:

DATE:

PROJECT:

ATTN:

PROJECT NO.

CONTRACT NO.

IFB NO.

Enclosed is your copy of the Contract, which has been approved. Please consider this letter as official NOTICE TO PROCEED on the above-referenced project.

Your firm shall commence work within ten (10) calendar days of the above date and shall achieve Substantial Completion _____ calendar days thereafter, which shall be _____, 2022, unless modified by Change Order.

It is essential that you make reference to the above-stated project number on all documents sent to the Architect/Engineer from your office. These documents shall include correspondence, change order proposals, change orders, payment request statements, and all other project-related material which you forward to the Architect/Engineer for information and processing.

Also, before you may start any Work at the site, you must (add any other requirements):

OWNER:

Santa Fe County

SFC _____ DEPARTMENT

By:

Director, SFC Department

EXHIBIT I

CHANGE ORDER

PROJECT:

CONTRACTOR
CHANGE ORDER NO:

ARCHITECT/ENGINEER

PROJECT NO:

Contractor Telephone:
Contractor e-mail:
ENGINEER'S/ARCHITECT'S PROJECT NO:

CHANGE ORDER JUSTIFICATION (Provide definitive reason for proposed change order.)

You are directed to make the following changes in this Contract: (Provide a detailed description of the Scope of the Work.)

NOT VALID UNTIL SIGNED BY BOTH THE COUNTY AND THE ARCHITECT/ENGINEER.
Signature of the Contractor indicates his agreement herewith, including any adjustment in the Contract Sum or Contract Time.

The Original Contract Sum was	
Net change by previously authorized Change Orders	\$0.00
The Contract Sum prior to this Change Order was the Contract Sum will be increased/decreased/unchanged	
by this Change Order in the amount of	\$0.00
The new contract Sum including this Change Order will be	\$0.00
The Contract Time will be increased/decreased/unchanged by days.	
The date of Substantial Completion as of the date of this Change Order therefore is: 	

CHANGE ORDER SIGNATURE PAGE

APPROVED

SANTA FE COUNTY By: _____ Date: _____

Approved as to form:
By: _____ Date: _____
Gregory S. Shaffer
County Attorney

Finance Division:
By: _____ Date: _____
Yvonne S. Herrera
Finance Director

CONTRACTOR By: _____ Date: _____
Title: _____

ARCHITECT/ENGINEER By: _____ Date: _____
Title: _____

EXHIBIT J

CERTIFICATE OF SUBSTANTIAL COMPLETION

SANTA FE COUNTY – PUBLIC WORKS

Public Works Director or designee (name): _____

CONTRACTOR: _____

Contractor Purchase Order Number: _____

ARCHITECT/ENGINEER: _____

Project Name: _____

Contract Date: _____

Project Description - Article 2 to Agreement Between Santa Fe County and Contractor (include address and project location description):

The contractor hereby certifies the Work of this project to be in complete conformance to the Contract Documents and is substantially complete, enabling the County to make use of the Work as intended.

By its signature below the Contractor further requests Architect/Engineer and County to inspect the Work and to concur in the Work's substantial completion by their signature and/or to provide in a timely manner to Contractor a listing of work items adjudged by them as remaining to be completed or corrected. Contractor agrees to complete and correct all work items (Punch List) representative of such listing within ____ days from date of receipt from Architect/Engineer.

Contractor

_____	_____	_____
Signature	Print Name	Date

Accepted by Santa Fe County

Signature (Public Works Director or Designee)	Print Name	Date
---	------------	------

Inspected/Concurrence Architect/Engineer

Signature	Print Name	Date
-----------	------------	------

PUNCH LIST

A list of items (Punch List) to be completed or corrected, verified by the Architect/Engineer and County, is appended hereto. Failure to include any incomplete items on such list does not alter the responsibility of the Contractor to provide all Work in complete conformance with the Contract Documents.

The Contractor shall complete or correct the work on the punch list appended hereto by _____ (Date)

The punch list consists of _____(indicate number of items) items.

The Work performed under this Contract has been reviewed and found to be substantially complete by the Director of Public Works who has hereby established the Date of Substantial Completion as _____ (date) which is also the date of commencement of all warranties and guarantees required by the Contract Documents. The Date of Substantial Completion of the Work or designated portion thereof is the date established by the Director of Public Works (or designee) when construction is sufficiently complete, in accordance with the Contract Documents, so the County may occupy the Work, or designated portion thereof, for the use for which it is intended.

The County accepts the Work or designated portion thereof as substantially complete and assumes full possession thereof, in accordance with the contract documents.

Punch List Items: (Use additional sheets if necessary)

APPENDIX F

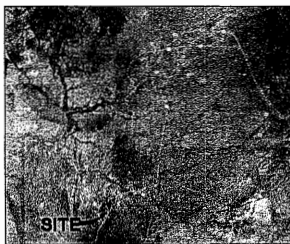
SANTA FE COUNTY MADRID FIRE STATION

100% CONSTRUCTION DOCUMENT SET
NOVEMBER 01, 2018

LOCATION MAP



VICINITY MAP



DESIGN CRITERIA

OWNER ADDRESS: COUNTY OF SANTA FE
PUBLIC WORKS DEPARTMENT
OWNER ADDRESS: 102 GRANT AVENUE
SANTA FE, NEW MEXICO 87504
PROJECT ADDRESS: 5 FIREHOUSE LANE
MADRID, NEW MEXICO 87010

REFERENCE SHEET G-201 FOR BUILDING CODE ANALYSIS

INDEX TO DRAWINGS

COVER SHEET

GENERAL INFORMATION
G-101 GENERAL INFORMATION
G-201 CODE PLAN AND CODE INFORMATION
G-311 A.D.A. INFORMATION

SITE SURVEY

V-101 TOPOGRAPHIC MAP - FOR REFERENCE USE ONLY
V-102 BOUNDARY SURVEY - FOR REFERENCE USE ONLY

STRUCTURAL

S-001 LEGENDS AND ABBREVIATIONS
S-002 GENERAL STRUCTURAL NOTES
S-003 GENERAL STRUCTURAL NOTES
S-101 FOUNDATION PLAN
S-111 ROOF FRAMING PLAN
S-112 MEZZANINE & CANOPY FRAMING PLAN
S-301 FOUNDATION SECTIONS AND DETAILS
S-311 ROOF FRAMING SECTIONS
S-312 FRAMING SECTIONS AND DETAILS
S-711 TYPICAL CONCRETE DETAILS
S-731 TYPICAL COLD-FORMED DETAILS

ARCHITECTURAL SITE

ASD-101 SITE DEMOLITION PLAN
AS-101 SITE PLAN
AS-501 SITE DETAILS

ARCHITECTURAL

AD-101 DEMOLITION FLOOR PLAN
A-101 FLOOR PLAN
A-111 ROOF PLAN
A-121 REFLECTED CEILING PLAN
A-201 EXTERIOR ELEVATIONS
A-202 EXTERIOR ELEVATIONS
A-301 BUILDING SECTIONS
A-302 BUILDING SECTIONS
A-311 WALL SECTIONS
A-312 WALL SECTIONS
A-401 ENLARGED PLAN AND INTERIOR ELEVATIONS
A-402 MEZZANINE FLOOR PLAN, SECTIONS AND INTERIOR ELEVATION
A-511 CEILING AND ROOF DETAILS
A-531 CASEWORK DETAILS
A-551 DOOR AND WINDOW DETAILS
A-601 PARTITION TYPES
A-611 ROOM FINISH SCHEDULE
A-621 DOOR AND FRAME TYPES/ DOOR AND WINDOW TYPES, SCHEDULES

PLUMBING

P-001 PLUMBING INFORMATION & CALCULATIONS
P-002 PLUMBING SCHEDULES
PD101 PLUMBING DEMOLITION PLAN
P-101 PLUMBING FLOOR PLAN WASTE & VENT
P-102 PLUMBING FLOOR PLAN WATER & GAS
P-201 PLUMBING WASTE & VENT RISER DIAGRAM
P-301 PLUMBING DETAILS

MECHANICAL

M-001 MECHANICAL SCHEDULES
M-101 MECHANICAL HVAC FLOOR PLAN
M-201 MECHANICAL DETAILS

ELECTRICAL

E-001 SHEET SPECIFICATIONS
E-002 SHEET SPECIFICATIONS
ES-101 ELECTRICAL SITE PLAN
ED-101 DEMOLITION ELECTRICAL PLAN
EL-101 ELECTRICAL LISTING PLAN
EP-101 ELECTRICAL POWER PLAN



ARCHITECTS-PLANNERS-AAA

1200 RIO GRANDE BLVD NW
ALBUQUERQUE, NM 87104

505-255-6400 505-255-6354 FAX
WWW.NCA-ARCHITECTS.COM



SET NO.:

PROJECT: A18.04

STRUCTURAL
CHAVEZ GRIEVES
CONSULTING ENGINEERS, INC.

4700 LINCOLN NE, SUITE 102
ALBUQUERQUE, NEW MEXICO 87109
(505) 344-4080
(505) 343-8759 FAX
E-MAIL: gbrodley@cgv-engrs.com

MECHANICAL & PLUMBING:
ARSED ENGINEERING GROUP

4700 LINCOLN NE, SUITE 101
ALBUQUERQUE, NM 87109
(505) 781-3100
(505) 781-3105 FAX

ELECTRICAL:
A C ENGINEERING ENTERPRISES

120 ALISO DRIVE SE
ALBUQUERQUE, NEW MEXICO 87108
(505) 842-5787
(505) 842-5797 FAX

BUILDING CODE ANALYSIS

APPLICABLE CODE:
2015 INTERNATIONAL BUILDING CODE
OCCUPANCY GROUP:
EXISTING: BUSINESS B-2
NEW: BUSINESS B-2 (LESS THAN 50 OCCUPANTS)

OCCUPANT LOAD:
49

CONSTRUCTION TYPE:
EXISTING: VN
NEW: VB

ALLOWABLE AREA:
6,000 S.F.

ACTUAL AREA:
2,588 EXISTING TO REMAIN
153 ADDITIVE ALTERNATE #1 ADDITION
584 NEW ADDITION
TOTAL: 3,325 S.F.

ALLOWABLE BUILDING HEIGHT: 40'-0"

ACTUAL BUILDING HEIGHT: 19'-4"(EXISTING), 18'-0"(NEW)

ALLOWABLE STORIES: 1

ACTUAL STORIES: 1

FIRE PROTECTION REQUIREMENTS:
NONE

FIRE EXTINGUISHERS:
REQUIRED: 2

PROVIDED: 3

SEPARATIONS:
NONE

SEISMIC DESIGN CATEGORY: D

PLUMBING FIXTURE REQUIREMENT

OCCUPANT LOAD:
49

25 WOMEN, 25 MEN

	WATER CLOSETS (1 PER 25 FOR FIRST 50 AND 1 PER 50 THEREAFTER)		LAVATORIES (1 PER 40 FOR FIRST 80 AND 1 PER 80 THEREAFTER)		SERVICE SINK (1 SERVICE SINK)	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
MALE (25)	1	1	1	1		
FEMALE (25)	1	1	1	1	1	1

CODE PLAN LEGEND

- ROOM AREA
- OCCUPANT LOAD FACTOR
- OCCUPANT LOAD
- NUMBER OF OCCUPANTS EXITING
- NEW FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER
SEE DETAILS A4 & A5/ G-211
- NEW FIRE EXTINGUISHER ON WALL BRACKET
SEE DETAILS A4 & A5/ G-211 SM.



1306 RIO GRANDE BLVD NW
ALBUQUERQUE, NM 87104
505-253-0401 505-253-0554 FAX
WWW.NCA-ARCHITECTS.COM

ARCHITECT



CONSULTANT

PROJECT TITLE

**SANTA FE
COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

NO.	DATE	DESCRIPTION

DATE: 11/01/2018

PROJECT NUMBER: A18.04

DATE: 11/01/2018

PROJECT NUMBER: A18.04

DATE: 11/01/2018

SHEET TITLE:

CODE PLAN AND CODE INFORMATION

SHEET 110

CODE PLAN AND CODE INFORMATION

SHEET 110

CODE PLAN AND CODE INFORMATION

SHEET 110

CODE PLAN AND CODE INFORMATION

SHEET 110

CODE PLAN AND CODE INFORMATION

SHEET 110

CODE PLAN AND CODE INFORMATION

SHEET 110

CODE PLAN AND CODE INFORMATION

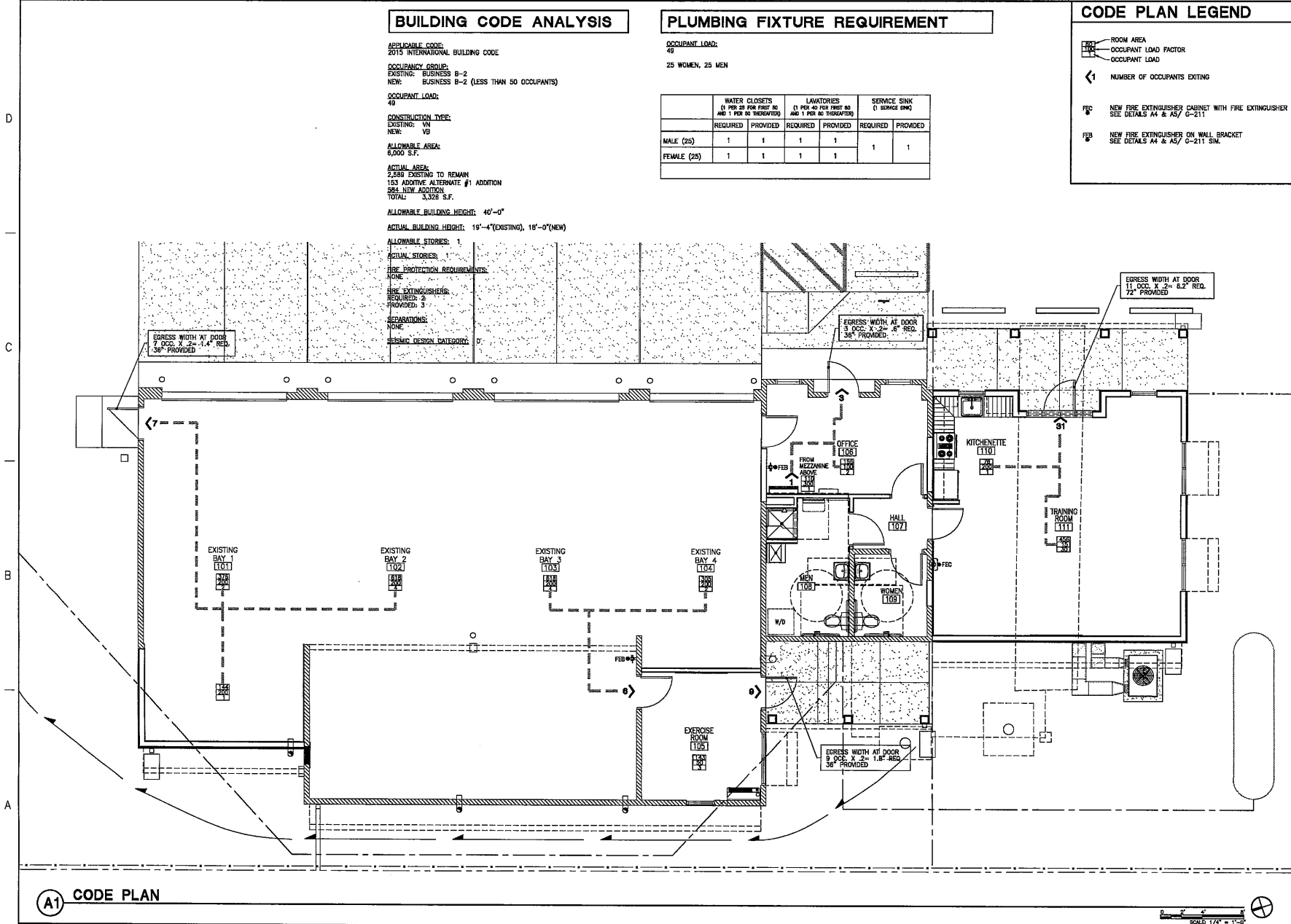
SHEET 110

CODE PLAN AND CODE INFORMATION

SHEET 110

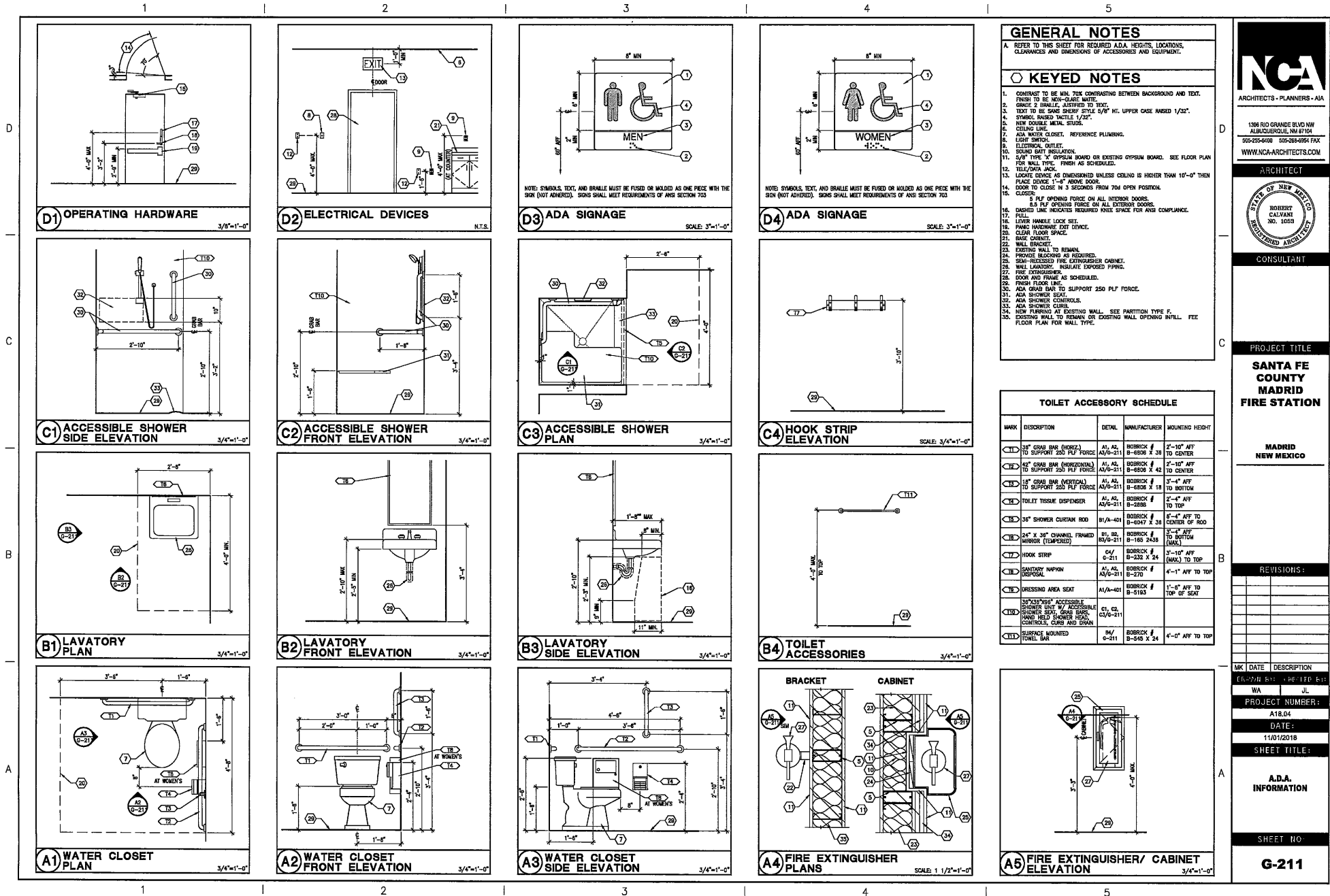
CODE PLAN AND CODE INFORMATION

SHEET 110



A1 CODE PLAN

G-201



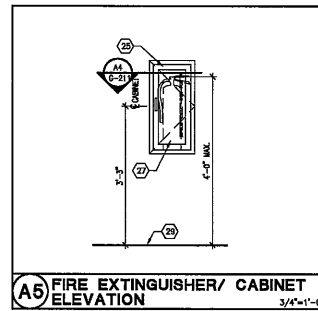
GENERAL NOTES

A. REFER TO THIS SHEET FOR REQUIRED ADA HEIGHTS, LOCATIONS, CLEARANCES AND DIMENSIONS OF ACCESSORIES AND EQUIPMENT.

KEYED NOTES

1. CONTRAST TO BE MIN. 70% CONTRASTING BETWEEN BACKGROUND AND TEXT.
2. FINISH TO BE NON-GLAZE MATTE.
3. GRAB 2 BRILLE, JUSTIFIED TO TEXT.
4. TEXT TO BE SANS SERIF STYLE 5/8" HT. UPPER CASE RAKED 1/32".
5. STANDARD RAISED TACTILE 1/32".
6. NEW DOUBLE METAL STUDS.
7. ADA WATER CLOSET, REFERENCE PLUMBING.
8. LIGHT SWITCH.
9. ELECTRICAL OUTLET.
10. SOUND BATT INSULATION.
11. 5/8" TYPE 'X' GYPSUM BOARD OR EXISTING GYPSUM BOARD. SEE FLOOR PLAN FOR WALL TYPE. FINISH AS SCHEDULED.
12. TELEPHONE JACK.
13. LOCATE DEVICE AS DIMENSIONED UNLESS CEILING IS HIGHER THAN 10'-0" THEN PLACE DEVICE 1'-4" ABOVE DOOR.
14. DOOR TO CLOSE IN 3 SECONDS FROM 70% OPEN POSITION.
15. 5 PLF OPENING FORCE ON ALL INTERIOR DOORS.
16. 8.5 PLF OPENING FORCE ON ALL EXTERIOR DOORS.
17. DASHED LINE INDICATES REQUIRED KNEE SPACE FOR ANS COMPLIANCE.
18. LEVER HANDLE LOCK SET.
19. PARK HANDICAPED DOT DEVICE.
20. CLEAR FLOOR SPACE.
21. MARK CHAIR.
22. WALL BRACKET.
23. EXISTING WALL TO REMAIN.
24. PROVIDE BLOCKING AS REQUIRED.
25. SEAM-RELEASED FIRE EXTINGUISHER CABINET.
26. WALL LANTERN. INSULATE EXPOSED PIPING.
27. FIVE EXTINGUISHERS.
28. DOOR AND FRAME AS SCHEDULED.
29. FINISH FLOOR LINE.
30. ADA GRAB BAR TO SUPPORT 250 PLF FORCE.
31. ADA SHOWER SEAT.
32. ADA SHOWER CONTROLS.
33. ADA SHOWER CURB.
34. NEW FURNISH AS EXISTING WALL. SEE PARTITION TYPE F.
35. EXISTING WALL TO REMAIN OR EXISTING WALL OPENING INTAIL. FEE FLOOR PLAN FOR WALL TYPE.

TOILET ACCESSORY SCHEDULE			
MARK	DESCRIPTION	DETAIL	MANUFACTURER
<1>	18" GRAB BAR (HORIZONTAL) TO SUPPORT 250 PLF FORCE	A1, A2, A3/A-211	BOBBICK # B-8808 X 38
<2>	42" GRAB BAR (HORIZONTAL) TO SUPPORT 250 PLF FORCE	A1, A2, A3/A-211	BOBBICK # B-8808 X 42
<3>	18" GRAB BAR (VERTICAL) TO SUPPORT 250 PLF FORCE	A1, A2, A3/A-211	BOBBICK # B-8808 X 18
<4>	TOILET TISSUE DISPENSER	A1, A2, A3/A-211	BOBBICK # B-2888
<5>	36" SHOWER CURTAIN ROD	B1/A-401	BOBBICK # B-8847 X 38
<6>	24" X 36" CHANNEL FRAMED MIRROR (EMBEDDED)	B1, B2, B3/A-211	BOBBICK # B-168 X 24
<7>	HOOK STRIP	C4/ C-211	BOBBICK # B-232 X 24
<8>	SANITARY NAPKIN DISPENSER	A1, A2, A3/A-211	BOBBICK # B-270
<9>	DRESSING AREA SEAT	A1/A-401	BOBBICK # B-2183
<10>	36" X 36" ACCESSIBLE SHOWER SEAT, GRAB BARS, HAND HELD SHOWER HEAD, CONTROLS, CURB AND DRAIN	C1, C2, C3/A-211	
<11>	SURFACE MOUNTED TUB RAIL	B4/ B-211	BOBBICK # B-545 X 24



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505-255-6900 505-255-6954 FAX
WWW.NCA-ARCHITECTS.COM

ARCHITECT

CONSULTANT

PROJECT TITLE

**SANTA FE COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

NO.	DATE	DESCRIPTION

DATE: 11/01/2018

SHEET TITLE:

A.D.A.
INFORMATION

SHEET NO.

G-211

SCALE 1"=10' FEET

LEGEND

BEARINGS ARE DERIVED FROM BOUNDARY SURVEY SHOWING MADRID FIRE STATION PREPARED SANTA FE COUNTY, RECORD NO. 5, 2017 BK-217, 15-32, OFFICE OF THE SANTA FE COUNTY CLERK.
ELEVATIONS ARE BASED ON SANTA FE COUNTY CONTROL, SP#4 ELEVATION 6160.2 GPS BLUE BOOK REPORT.

- DENOTES REBAR, OR AS SHOWN
- △ DENOTES FIRE HYDRANT
- ⊙ DENOTES WATER METER
- DENOTES UTILITY POLE AND ANCHOR TIE
- DENOTES GUARD POST (BOLLARD)
- DENOTES FIRE LANE SIGN

DENOTES BOUNDARY OF LANDS DEALT WITH BY THIS PLAN. INFORMATION OUTSIDE OF THIS BOUNDARY IS BACKGROUND INFORMATION ONLY, NOT VERIFIED FOR ACCURACY AND IS NOT PART OF THIS PLAN.

FLOOD ZONE

THIS PROPERTY LIES WITHIN ZONE "X" OTHER AREAS DETERMINED TO BE OUTSIDE THE 100 YEAR FLOODPLAIN AS SHOWN ON FIRM, PANEL 25049C0235E, AND FIRM, PANEL, MAP REVISION DECEMBER 4, 2012.

NOTES

BOUNDARY DATA IN PARENTHESIS IS FROM SANTA FE COUNTY MADRID FIRE STATION, SITE PLAN, UTILITIES & LANDSCAPING PLAN PROVIDED BY THE CLIENT.

THE FIRE STATION TRACT SUBJECT TO VALID RESTRICTIONS, COVENANTS AND EASEMENTS OF RECORD.

SURVEYORS CERTIFICATE

I HEREBY CERTIFY THAT THIS MAP IS A TRUE REPRESENTATION OF A TOPOGRAPHIC SURVEY COMPLETED UNDER MY PERSONAL SUPERVISION IN APRIL, 2017. THE SURVEY AND DRAWING ARE TRUE AND CORRECT, TO THE BEST OF MY KNOWLEDGE, AND MEET THE MINIMUM STANDARDS FOR TOPOGRAPHIC SURVEYS IN NEW MEXICO.

Edward M. Trujillo
EDWARD M. TRUJILLO, N.M.P.L.S. #12332

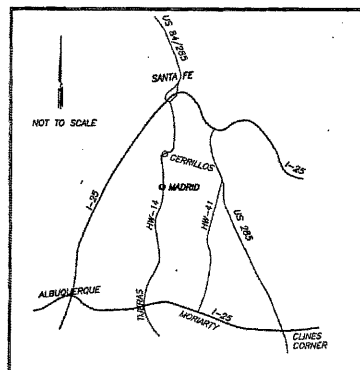


TOPOGRAPHIC MAP

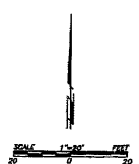
SHOWING
MADRID FIRE STATION
PREPARED FOR
SANTA FE COUNTY
WITHIN A PORTION OF THE MADRID TOWNSITE
PROJECTED SECTION 36, T.14N., R.7E., N.M.P.M.
SANTA FE COUNTY, NEW MEXICO.

V-101
FOR REFERENCE USE ONLY

DAWSON SURVEYS INC.
PROFESSIONAL LAND SURVEYORS
25028 CAMINO ENTRADA
SANTA FE, N.M. 87507
FILE#10003\TOPO DATE:03/09/17



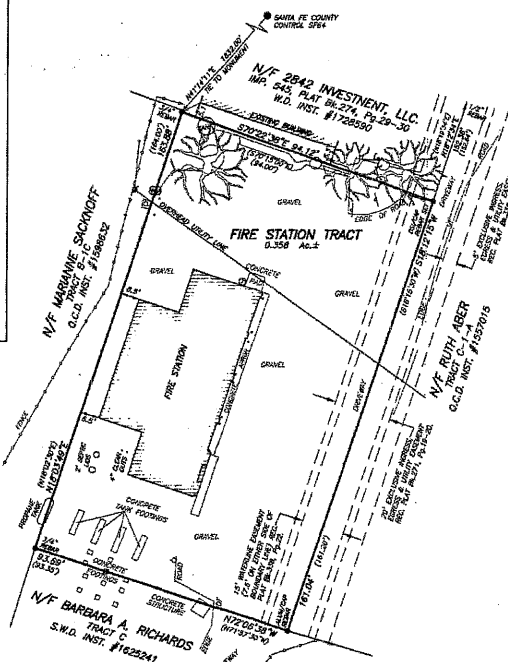
VICINITY MAP



NOTES:
NO PRIOR PLAT HAS BEEN LOCATED FOR THIS TRACT.
THIS TRACT SUBJECT TO VALID RESTRICTIONS, COVENANTS
AND EASEMENTS OF RECORD THAT MAY AFFECT THIS
PROPERTY.

FLOOD ZONE
THIS PROPERTY LIES WITHIN ZONE "X" OTHER AREAS
DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE
FLOODPLAIN, AS SHOWN ON F.I.R.M. PANEL 3304000623E,
AND F.I.R.M. PANEL, MAP REVISION DECEMBER 4, 2012.

SANTA FE COUNTY PUBLIC NOTICE
THE SANTA FE COUNTY LAND USE ADMINISTRATOR HAS NOT REVIEWED THIS PLAT OF
SURVEY BEFORE ITS FILING IN THE OFFICE OF THE COUNTY CLERK. THIS PLAT IS
NOT BEING FILED FOR THE PURPOSE OF CREATING A SUBDIVISION OR NEW LOTS,
ALTERING THE BOUNDARIES OF ANY EXISTING LOTS OR FOR THE PURPOSE OF
"DEVELOPMENT" AS DEFINED IN THE SANTA FE COUNTY LAND DEVELOPMENT CODE,
EXTRATERRITORIAL ZONING ORDINANCE OR EXTRATERRITORIAL SUBDIVISION
REGULATIONS. THIS STATEMENT DOES NOT IN ANY WAY REPRESENT OFFICIAL COUNTY
APPROVAL OF THIS PLAT.



Not # 1825047
COUNTY OF SANTA FE
STATE OF NEW MEXICO
I hereby certify that this instrument
was filed for record on the 04th day of
May, 2017, A.D. at 7:34
o'clock P.M. and was duly recorded in
book 212, page(s) 1-2 of the
records of Santa Fe County.

Witness my Hand and Seal of office
GERALDINE SALAZAR
County Clerk, Santa Fe County, N.M.
Estrella Martinez Deputy



REFERENCE DOCUMENTS
1. WARRANTY DEED FROM MADRID LANDOWNERS ASSOCIATION,
TO THE COUNTY OF SANTA FE, FOR A BASE OF OPERATION FOR A
FIRE FIGHTING ORGANIZATION, RECORDED IN THE OFFICE OF THE SANTA
FE COUNTY CLERK ON MAY 3, 1990 IN BK. 880, Pg. 282.
2. SITE PLAN, UTILITIES & LANDSCAPING, PREPARED BY GIL BEACH &
ASSOCIATES INC. FOR SANTA FE COUNTY MADRID FIRE STATION, DATED
MARCH 16, 1990.

817032

LEGEND
BEARINGS ARE NEW MEXICO STATE PLANE CENTRAL ZONE, DISTANCES
ARE REFERENCED TO 6800' AMSL TO CONVERT TO NEW MEXICO STATE
PLANE CENTRAL ZONE, MULTIPLY BY 0.999995833
BOUNDARY DATA IN (PARENTHESES) ARE FROM WARRANTY DEED
RECORDED ON MAY 3, 1990 IN PLAT BL. 880, Pg. 282 OFFICE OF THE
SANTA FE COUNTY CLERK.
SYMBOLS MAY BE SHOWN LARGER THAN ACTUAL SIZE FOR VIEWING
PURPOSES.
● DENOTES CORNER MONUMENT, OR AS SHOWN
△ DENOTES FIRE HYDRANT
BB DENOTES WATER METER
—+— DENOTES UTILITY POLE AND ANCHOR TIE
○ DENOTES GUARD POST (BOLLARD)
— DENOTES FIRE LANE SIGN
— DENOTES BOUNDARY OF LANDS DEALT WITH BY THIS PLAT
INFORMATION OUTSIDE OF THIS BOUNDARY IS BACKGROUND
INFORMATION ONLY, NOT VERIFIED FOR ACCURACY AND IS NOT
PART OF THIS PLAT.

SURVEYORS CERTIFICATE
I AM A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR AND HEREBY
CERTIFY THAT I CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY
COMPLETED ON THE 12th DAY OF APRIL, 2017. THIS SURVEY IS TRUE
AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT
THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYS
IN NEW MEXICO. FURTHER THAT THIS IS A BOUNDARY SURVEY OF AN
EXISTING TRACT(S). IT IS NOT A SUBDIVISION AS DEFINED BY THE NEW
MEXICO SUBDIVISION ACT.
Edward M. Trullio 05-08-17
EDWARD M. TRULLIO, N.M.P.L.S. 13352 DATE



"TITLE AND INDEXING INFORMATION FOR COUNTY CLERK"
BOUNDARY SURVEY
SHOWING
MADRID FIRE STATION
PREPARED FOR
SANTA FE COUNTY
INTENDED TO BE TRACT DESCRIBED IN
WARRANTY DEED RECORDED IN BK. 880, Pg. 282,
WITHIN A PORTION OF THE MADRID TOWNSITE
PROJECTED SECTION 36, T.14N., R.7E., N.M.P.M.
SANTA FE COUNTY, NEW MEXICO.

DAWSON SURVEYS INC.
PROFESSIONAL LAND SURVEYORS
25020 CAMINO ENTRADA
SANTA FE, N.M. 87507
FILE# 1000380YDATE:05/08/17

UPC #1-042-207-918-448

GENERAL STRUCTURAL NOTES

FOUNDATION NOTES

GENERAL

A SUBSURFACE SOIL INVESTIGATION HAS BEEN MADE BY WESTERN TECHNOLOGIES, JOB NO. 32284061. A REPORT OF THAT INVESTIGATION DATED JULY 24, 2018 IS AVAILABLE FOR VIEWING IN THE PROJECT MANUAL.

THE FOUNDATION SYSTEM FOR THIS PROJECT IS SPREAD FOOTINGS OVER UNDISTURBED NATIVE SOILS OR ENGINEERED FILL.

ADDITIONAL INFORMATION CONCERNING SPECIFIC SOIL CONDITIONS TO BE ENCOUNTERED IS AVAILABLE IN THE SOILS REPORTS AND SHALL BE REVIEWED BY THE CONTRACTOR.

FIELD OBSERVATION AND TESTS

THE OWNER SHALL EMPLOY THE SERVICES OF A REGISTERED, LICENSED GEOTECHNICAL ENGINEER TO OBSERVE ALL CONTROLLED EARTHWORK. THE GEOTECHNICAL ENGINEER SHALL PROVIDE CONTINUOUS ON-SITE OBSERVATION BY EXPERIENCED PERSONNEL DURING CONSTRUCTION OF CONTROLLED EARTHWORK. THE CONTRACTOR SHALL NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO WORKING DAYS IN ADVANCE OF ANY FIELD OPERATIONS OF THE CONTROLLED EARTHWORK.

TESTS OF MATERIALS SHALL BE MADE AT THE FOLLOWING MINIMUM RATES. THE ON-SITE GEOTECHNICAL ENGINEER SHALL DETERMINE THE ACTUAL TESTING RATES.

ONE FIELD DENSITY TEST PER 2666 SQUARE FEET OF COMPACTED SUBGRADE, PRIOR TO PLACING STRUCTURAL FILL OR SUB-ON-GRADE, WITH A MINIMUM OF 3 TESTS.

ONE FIELD DENSITY TEST PER 2666 SQUARE FEET OF STRUCTURAL FILL PLACED ON EACH HORIZONTAL LAYER OF STRUCTURAL FILL, WHICHEVER IS GREATER.

ONE MOISTURE-DENSITY CURVE FOR EACH TYPE OF MATERIAL USED, AS INDICATED BY THE SIEVE ANALYSIS AND THE PLASTICITY INDEX.

THE GEOTECHNICAL ENGINEER SHALL SUBMIT THE RESULTS OF ALL REQUIRED TESTS.

CLEARING AND GRUBBING

REMOVE ALL ASPHALT, RUBBISH, BRUSH, GRASS, AND GRASS ROOTS FROM THE CONSTRUCTION AREA.

REMOVE STUMPS, MATTED ROOTS AND ROOTS LARGER THAN 2 INCHES IN DIAMETER WITHIN 8 INCHES OF THE SURFACE OF AREAS ON WHICH FILL AND/OR FOOTINGS ARE TO BE CONSTRUCTED.

REMOVE ALL TOPSOIL FROM THE CONSTRUCTION AREA. THIS MATERIAL SHALL NOT BE USED AS FILL MATERIAL, BUT MAY BE STOCKPILED AND LATER USED IN THE 8 INCHES OF FILL OUTSIDE THE BUILDING PAD.

ITE SUBGRADE AND BEARING SURFACE PREPARATION

A REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER SHALL BE PRESENT TO CONFIRM COMPLETE EXCAVATION OF ANY UNCONTROLLED FILL.

SCAFFOLD ALL EXPOSED SUBGRADE SOILS TO A DEPTH OF 10 INCHES, MOISTEN TO OPTIMUM MOISTURE CONTENT (P_{max}) AND COMPACT TO THE DENSITY SPECIFIED HEREINAFTER.

PLACE ALL STRUCTURAL FILL IN APPROXIMATELY HORIZONTAL LAYERS NOT GREATER THAN 10 INCHES IN THICKNESS, MOISTEN TO OPTIMUM MOISTURE CONTENT (P_{max}) AND COMPACT TO DENSITY SPECIFIED HEREINAFTER.

ALL EARTHWORK FOR THE BUILDING PAD SHALL EXTEND A MINIMUM OF 2 FEET BEYOND THE PERIMETER FOOTINGS.

STRUCTURAL FILL REQUIREMENTS

GRADATION (ASTM D422):

SIEVE SIZE	PERCENT PASSING BY WEIGHT
4"	100
3"	85-100
2"	70-100
NO. 4	50-100
NO. 200	30 MAXIMUM

PLASTICITY INDEX (ASTM D4318):

MAXIMUM SOLUBLE SULFATES:

MATERIAL LARGER THAN 6 INCHES SHALL NOT BE PLACED IN THE STRUCTURAL FILL, AND MATERIAL LARGER THAN 10 INCHES SHALL NOT BE PLACED WITHIN TWELVE INCHES OF THE BEARING SURFACES OF SLABS OR FOUNDATIONS.

NO BRUSH, SOIL, FROZEN MATERIAL, OR OTHER UNSUITABLE MATERIAL SHALL BE PLACED IN THE STRUCTURAL FILL. MATERIAL SHALL BE PLACED IN SUCH A MANNER AS TO RESULT IN A UNIFORMLY COMPACTED FILL.

IMPORTED FILL OR EXISTING SOILS MAY BE USED FOR THE STRUCTURAL FILL, HOWEVER, IN ORDER TO MEET THE ABOVE CRITERIA, THE ON-SITE SOILS WILL PROBABLY NEED TO BE MIXED WITH IMPORTED FILL. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE MOST APPROPRIATE METHOD TO PROVIDE THE REQUIRED STRUCTURAL FILL.

COMPACTATION REQUIREMENTS

IN ACCORDANCE WITH ASTM D1557 (MODIFIED PROCTOR), SUBGRADE SOILS AND STRUCTURAL FILL MATERIALS SHALL BE COMPACTED TO THE FOLLOWING PERCENTAGES OF THE MAXIMUM DRY DENSITY AT + 5% ± 2% OPTIMUM MOISTURE CONTENT:

MATERIAL	MINIMUM PERCENT COMPACTATION
STRUCTURAL FILL IN THE BUILDING AREA	95
SUBGRADE FOR SLAB SUPPORT	95
SUBGRADE BELOW STRUCTURAL FILL	95
MISCELLANEOUS SLOPES	90

GENERAL STRUCTURAL NOTES

CODES AND MANUALS:

IBC-15 INTERNATIONAL BUILDING CODE 2015
 ASCE 7-10 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
 AISI 900-12 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
 ACI 318-14 BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
 ACI 308-13 BUILDING CODE REQUIREMENTS FOR MAJORITY STRUCTURES
 ACI 305-13 SPECIFICATIONS FOR MASSIVE STRUCTURES
 NDS-15 NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION WITH 2015 SUPPLEMENT
 AWS D1.3-SH STRUCTURAL WELDING CODE - SHEET STEEL

DESIGN CRITERIA:

VERTICAL:

ROOF LIVE LOAD - R=20"PSF	20 PSF
REDUCTION FACTOR BASED ON TRIM AREA	R1=1.0
REDUCTION FACTOR BASED ON ROOF SLOPE	R2=1.0
SNOW LOAD	PO=30 PSF
FLAT ROOF SNOW LOAD**	PO=30 PSF
GROUND SNOW LOAD	CE=1.8
SNOW EXPOSURE FACTOR	IS=1.2
SNOW LOAD IMPORTANCE FACTOR	CT=1.0
THERMAL FACTOR	**INCLUDES 5 PSF RAIN-ON-SNOW SURCHARGE LOAD

HORIZONTAL:

WIND	ULTIMATE DESIGN WIND SPEED RISK CATEGORY EXPOSURE	120 MPH IV C
SEISMIC	SEISMIC IMPORTANCE FACTOR MAPPED SPECTRAL RESPONSE ACCELERATIONS SHORT PERIOD 1 SECOND PERIOD SITE CLASS SEISMIC RESPONSE COEFFICIENTS SHORT PERIOD 1 SECOND PERIOD SEISMIC DESIGN CATEGORY BASIC SEISMIC FORCE RESISTANCE SYSTEM BEARING WALL SYSTEM - LIGHT FRAME WALLS SHEATHED WITH WOOD STRUCTURAL PANELS RATES FOR SHEAR RESISTANCE SEISMIC RESPONSE COEFFICIENT RESPONSE MODIFICATION FACTOR DESIGN BASE SHEAR ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE ALLOWABLE SOIL BEARING PRESSURE = 2000 PSF FROST DEPTH = 24 INCHES FUTURE BUILDING EXPANSION: NONE	IS = 1.5 S _s =0.400 S ₁ =0.125G SD=0.328G SD=0.148G D C=0.078 R=1.5 V=0.078W

GENERAL:

STRUCTURAL DRAWINGS ARE NOT STAND-ALONE DOCUMENTS AND ARE INTENDED TO BE USED IN CONJUNCTION WITH CIVIL, ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND FIELD CONDITIONS FROM OTHER DISCIPLINES. THE CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS OF THE CONTRACT DOCUMENTS INTO THE SHOP DRAWINGS AND FIELD WORK.

COORDINATE DIMENSIONS OF ALL OPENINGS, DEPRESSIONS, BLOCKOUTS, ETC. WITH ARCHITECTURAL DRAWINGS, DRAWINGS FROM OTHER DISCIPLINES, PROJECT SHOP DRAWINGS, AND FIELD CONDITIONS PRIOR TO SHOP DRAWING SUBMITTAL. THE STRUCTURAL DRAWINGS WILL REPRESENT A PORTION OF THE REQUIREMENTS FOR THE PROJECT.

SEE ARCHITECTURAL PLANS FOR INTERIOR NON-BEARING PARTITION WALLS. PARTITION FRAMING SHALL BE CONNECTED TO THE PRIMARY STRUCTURE TO ALLOW FOR VERTICAL LEVEL LOAD DEFLECTIONS OF SPAN/60 FOR FLOOR FRAMING AND SPAN/40 FOR ROOF FRAMING.

CONTRACTOR'S CONSTRUCTION AND/OR ERECTION SEQUENCES SHALL RECOGNIZE AND CONSIDER THE EFFECTS OF THERMAL MOVEMENTS OF STRUCTURAL ELEMENTS DURING THE CONSTRUCTION PERIOD.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD.

SHOP DRAWINGS SHALL BE FURNISHED AND REVIEWED BEFORE ANY FABRICATION OR ERECTION IS STARTED. THE CONTRACTOR SHALL REVIEW AND APPROVE SHOP DRAWINGS PRIOR TO SUBMITTAL TO THE ARCHITECT FOR REVIEW. POORLY EXECUTED SHOP DRAWINGS WILL BE REJECTED AND SHALL BE RESUBMITTED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE AND ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.

TEMPORARY PROMIONS SHALL BE MADE FOR STRUCTURAL STABILITY DURING CONSTRUCTION. THE STRUCTURE SHOWN ON THE DRAWINGS HAS BEEN DESIGNED FOR STABILITY UNDER FINAL CONFIGURATION, NOTING OR CUTTING ANY STRUCTURAL MEMBER IN THE FIELD IS PROHIBITED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADHERING TO ALL APPLICABLE STANDARDS SET FORTH BY OSHA.

PROTECTION: PROPER PRECAUTIONS SHALL BE TAKEN AT ALL TIMES TO PROTECT VEHICULAR AND PEDESTRIAN TRAFFIC FROM ANY DAMAGE OR INJURY WHICH MAY BE CAUSED, EITHER DIRECTLY OR INDIRECTLY, BY THE WORK INCLUDED ON THESE DRAWINGS. SUCH PRECAUTIONS SHALL INCLUDE THE ERECTION AND MAINTENANCE OF FENCES, BARRICADES, SIGN GUARDS, SIGNS, CONE TRAFFIC LIGHTS, AND OTHER PRECAUTIONS AS MAY BE REQUIRED. IF AT ANY TIME, IN THE OPINION OF THE OWNER OR THE OWNER'S REPRESENTATIVE, PROPER PRECAUTIONS ARE NOT BEING TAKEN TO SECURE THIS PROTECTION, THE CONTRACTOR SHALL, AT NO ADDITIONAL COST TO THE OWNER, INSTALL AND MAINTAIN SUCH ADDITIONAL PRECAUTIONS AS MAY BE DIRECTED BY THE OWNER.

POLLUTION CONTROL: USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR TO HIGHEST PRACTICAL LEVEL. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION.

TYPICAL DETAIL SHEETS:

THE 5-T-700 SERIES SHEETS IN THESE DRAWINGS CONTAIN TYPICAL STRUCTURAL DETAILS FOR VARIOUS BUILDING MATERIALS. SOME OF THESE DETAILS MAY NOT BE PART OF THIS PROJECT.

GENERAL STRUCTURAL NOTES

DRAWINGS:

DO NOT SCALE DRAWINGS.

WHERE DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS, GENERAL NOTES, AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENTS SHALL GOVERN. DETAILS ON DRAWINGS TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS. DETAILS NOTED "TYPICAL" APPLY TO ALL SIMILAR CONDITIONS, WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ELSEWHERE ON THE PROJECT.

CASE-IN-PLACE CONCRETE:

ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR STRUCTURAL CONCRETE, ACI 301-10.

ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER UNLESS NOTED OTHERWISE.

NORMALWEIGHT CONCRETE:

- FC = 4500 PSI @ 28 DAYS - ALL CONCRETE EXPOSED TO FREEZETHAW CYCLES AND OCCASIONAL MOISTURE, INCLUDING CONCRETE PLAT WORK, EXPOSED BUILDING STEM WALLS, SITE WALLS, ETC., EXTERIOR CONCRETE SHALL MEET EXPOSURE CATEGORY AND CLASS F1 ACCORDING TO ACI 318 TABLE 19.3.1.1.
- FC = 3000 PSI @ 28 DAYS - ALL INTERIOR CONCRETE (I.E. FOOTINGS, PEDIESTALS, ETC.).
- FC = 3000 PSI @ 28 DAYS - ALL INTERIOR SLABS ON GRADE, UNLESS NOTED OTHERWISE.

CONCRETE MIX DESIGNS INCLUDING AIR CONTENT, WATER TO CEMENT RATIO, AND OTHER CRITERIA SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN ACI 318 TABLE 4.3.1, BASED ON THE EXPOSURE CATEGORIES AND CLASSES DEFINED IN ACI 318 TABLE 4.3.1.1. USE AN ENTRAINED AIR MIXTURE IN ALL EXTERIOR CONCRETE. AIR CONTENT IN FINE RATED OR SLAB SHALL ALSO COMPLY WITH THE REQUIREMENTS IN THE SPECIFIED LISTING.

COLD WEATHER CONCRETING: PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH CAUSED BY FROST, FREEZING OR LOW TEMPERATURES. COMPLY WITH ACI 308.1.

HOT WEATHER CONCRETING: WHEN HOT WEATHER CONDITIONS EXIST THAT WOULD IMPAIR THE QUALITY AND STRENGTH OF THE CONCRETE, REDUCE DELIVERY TIME OF READY MIX CONCRETE, LOWER THE TEMPERATURE OF MATERIALS, OR ADD RETARDERS TO ENSURE THAT THE CONCRETE IS PLACED. RETEMPERING WITH WATER IS NOT ALLOWED. COMPLY WITH ACI 308.1.

SLAB CURING: ALL INTERIOR CONCRETE SLABS, EXCEPT EXPOSED INTEGRALLY COLORED SLABS, ARE TO BE CURED WITH A MOISTURE RETAINING COVER FOR THE FIRST 7 DAYS (MINIMUM) AFTER PLACEMENT.

THE CONTRACTOR IS ALLOWED TO CAST FOUNDATIONS AGAINST EXCAVATED SOIL SURFACES, PROVIDED THE FOLLOWING IS ADHERED TO:

- THE SIDE SLOPES OF THE EXCAVATION SHALL BE ABLE TO MAINTAIN VERTICAL SLOPE WITHOUT SOIL SLIDING.
- THE BOTTOM WIDTH OF THE EXCAVATION SHALL BE ONE INCH WIDER MINIMUM ON EACH SIDE THAN THE SPECIFIED FOOTING WIDTH.
- THE SIDE WALLS OF THE EXCAVATION SHALL BE BATTERED A MINIMUM OF ONE INCH HORIZONTAL TO TWO INCHES VERTICAL.
- IF SANDY OR LOOSE MATERIALS ARE ENCOUNTERED, THE FOOTING MUST BE FORMED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF ANY SOIL SLIDING FROM THE TIE-OUT CONCRETE DURING THE CASTING OPERATION.
- THE CONTRACTOR AGREES TO REMOVE AND RECAST ANY FOOTING WHERE THE ABOVE CONDITIONS ARE NOT MET.

EXPOSED SITE WALLS, RETAINING WALLS, AND STEM WALLS GREATER THAN 30 FEET IN LENGTH SHALL HAVE CONTROL JOINTS INSTALLED AT THE FOLLOWING MAXIMUM SPACINGS:

- 12'-0" ON CENTER FOR WALLS 6'-0" MAXIMUM HEIGHT
- 18'-0" ON CENTER FOR WALLS 10'-0" MAXIMUM HEIGHT
- 20'-0" ON CENTER FOR WALLS GREATER THAN 10'-0" IN HEIGHT

ALL CONCRETE EXPOSED TO GROUND SHALL BE MANUFACTURED WITH PORTLAND CEMENT TYPE II OR TYPE V.

SEE SHEET 5-T-71 FOR TYPICAL CONCRETE DETAILS.

REINFORCING STEEL:

ALL REINFORCING STEEL SHALL BE FABRICATED AND PLACED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318-14), AND DETAILS AND DETAILING OF CONCRETE REINFORCEMENT (ACI 315-10).

ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60, EXCEPT STRUTS, TIES AND INDICATED FIELD BENT BARS, WHICH SHALL CONFORM TO ASTM A615 GRADE 40.

TENSION AND COMPRESSION LAPPS IN REINFORCING SHALL CONFORM TO THE LAP SPACING SCHEDULE ON SHEET 5-T-101 AND BE IN ACCORDANCE WITH ACI 318, CHAPTER 12, UNLESS NOTED OTHERWISE.

ALL HORIZONTAL REINFORCING IN FOOTINGS, WALLS AND BEAMS SHALL BE CONTINUOUS AROUND CORNERS OR HAVE BENT (CORNER) BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL BARS AND LAP 36 BAR DIAMETERS (2" MINIMUM).

CONCRETE COVER FOR REINFORCING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED: (For Related Slabs May Require Additional Cover)

- CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
- CONCRETE CAST AGAINST FORMS BUT EXPOSED TO EARTH OR WEATHER:
 1. BARS LARGER THAN NO. 5: 2"
 2. BARS NO. 5 OR SMALLER: 1 1/2"
- SLAB ON GRADE: 1 1/2" FROM TOP OF SLAB

FORM TIES SHALL BE EITHER OF THE THROUGH OR BUMP-OUT TYPE SO THAT NO METAL WILL BE LEFT WITHIN 1 INCH OF THE SURFACE OF THE WALL, FOLLOWING REMOVAL OF FORM TIE, RECESSES ARE TO BE CAREFULLY FILLED AND POINTED WITH MORTAR.

REINFORCING SHALL NOT BE TACK WELDED OR BOLTED IN ANY MANNER UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL PLANS.

BAR SUPPORTS AND SPACERS FOR REINFORCING SHALL BE PROVIDED IN ACCORDANCE WITH ACI 315-10. REINFORCING SHALL BE SECURELY TIED TO SUPPORTS.

CHAIRS WITH 22 GAUGE SADDLE PLATES OR PRECAST BLOCKS SHALL BE PROVIDED FOR ALL REINFORCING OF CONCRETE IN CONTACT WITH GRADE.

POST-INSTALLED ANCHORS:

THE STRUCTURAL DESIGN IS BASED ON THE POST-INSTALLED ANCHORING SYSTEMS NOTED BELOW, SINCE ANCHOR CAPACITIES VARY BY MANUFACTURER, THE CONTRACTOR SHALL USE ONLY THE SYSTEMS NOTED BELOW UNLESS AN ALTERNATE IS PROVIDED BY THE ENGINEER OF RECORD. ALTERNATE ANCHORING SYSTEMS MAY REQUIRE REDESIGN TO VERIFY ANCHOR QUANTITIES, SPACING, AND EMBEDDED DEPTHS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL CONSTRUCTION AND REDESIGN COSTS ASSOCIATED WITH THE ALTERNATE ANCHORING SYSTEM.

GENERAL STRUCTURAL NOTES

ALL ADHESIVE (EPOXY) FOR POST-INSTALLED ANCHORS AND REBAR INTO CONCRETE SHALL BE: HELIX-HITE 950 V3 OR HELIX-HITE 200 EPOXY ADHESIVE ANCHORING SYSTEM, HELIX-HITE 100 OR HELIX-HITE 200 EPOXY ADHESIVE SYSTEM, SIMPSON SET-UP EPOXY-TECH ANCHORING SYSTEM, ITW RED HEAD EPOXY-65 ADHESIVE ANCHORING SYSTEM, LOWEAL FURIE 10-65 STANDARD CURE EPOXY OR ACOR-40 (PART CURE ADHESIVE). INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

ALL POST-INSTALLED MECHANICAL ANCHORS INTO CONCRETE SHALL BE BUILT UP WITH 2X EXPANSION ANCHOR, SIMPSON STRONG-BOLT WEDGE ANCHOR, ITW RED HEAD TRUSLOK - WEDGE ANCHOR, DEWALT POWER-5110-502. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.

ANCHOR LENGTHS SHOWN FOR ATTACHMENT TO CONCRETE AND/OR MASONRY ARE REQUIRED EMBEDMENT LENGTHS. THE CONTRACTOR SHALL PROVIDE ANCHORS WITH ADDITIONAL LENGTH TO FACILITATE THE REQUIRED CONNECTION.

SUBMIT ALL PROPOSED ANCHORING SYSTEMS INCLUDING ICC-ES ESR REPORTS TO STRUCTURAL ENGINEER FOR REVIEW PRIOR TO INSTALLATION. THE ICC-ES FORMS SHALL MEET THE REQUIREMENTS OF THE IBC REFERENCED IN THESE NOTES.

COLD-FORMED METAL FRAMING (45 MILS OR HEAVIER):
 ALL COLD-FORMED METAL FRAMING SHALL CONFORM TO THE LATEST EDITION OF AISI STANDARD S100 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".

WALLS SHALL BE PROVIDED WITH MANUFACTURER'S STANDARD BRIDGES; (EITHER WELDED 2 1/2" x 43 MILS STUD OR CLIPPED COLD-ROLLED CHANNEL, 1 1/2" x 43 MILS), PROVIDE BRIDGING AT 4'-0" ON CENTER MAXIMUM FOR LOAD BEARING WALLS AND EXTERIOR WALLS.

PROVIDE ALL MISCELLANEOUS ACCESSORIES AND FOLLOW ERECTION PROCEDURES AS PER MANUFACTURER SPECIFICATIONS AND RECOMMENDATIONS UNLESS NOTED OTHERWISE.

COLD-FORMED METAL FRAMING SHALL MEET THE MINIMUM PROPERTIES AS SHOWN IN THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) SPECIFICATIONS.

ALL TRACK SHALL BE ANCHORED TO CONCRETE WITH 1/2" DIAMETER x 3 1/2" EMBED EXPANSION ANCHORS SPACED AT 4'-0" ON CENTER UNLESS SHOWN OTHERWISE ON PLANS.

SECURE STUDS TO TOP AND BOTTOM TRACKS BY WELDING AT BOTH INSIDE AND OUTSIDE FLANGES OR WITH A MINIMUM OF 1/4" SELF-DRILLING SCREWS PER LOCATION UNLESS NOTED OTHERWISE.

ALL COMPONENTS OF BUILT-UP STUD SECTIONS, INCLUDING COLUMNS, HEADERS, ETC. SHALL BE WELDED TOGETHER UTILIZING 1/8" FILLET WELDS, 1" LONG AT 12" OC, ALONG THE FULL LENGTH OF EACH FLANGE TO FLANGE CONNECTION.

FASTER WELD CLIPS TO STUDS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOAD DATA TO PROVIDE AN ALLOWABLE LOAD OF 700 MINIMUM IN THE HORIZONTAL DIRECTION AND 700 MINIMUM IN THE VERTICAL DIRECTION. SEE SHEET 5-T-71 FOR TYPICAL WELD CLIP DETAIL.

FASTER SLIDE CLIPS TO STUDS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND LOAD DATA TO PROVIDE AN ALLOWABLE LOAD OF 700 MINIMUM IN THE HORIZONTAL DIRECTION. SEE SHEET 5-T-71 FOR TYPICAL SLIDE CLIP DETAIL.

SEE SHEET 5-T-71 FOR TYPICAL COLD-FORMED DETAILS.

WOOD FRAMING:

ALL SAWN LUMBER (2" x THICK, 2" x WIDER) EXCEPT STUDS SHALL BE HEHM FR. NO. 2 OR BETTER, WITH THE FOLLOWING ALLOWABLE STRESSES:

MAXIMUM FIBER STRESS IN BENDING
 TENSION PARALLEL TO GRAIN
 COMPRESSION PERPENDICULAR TO GRAIN
 HORIZONTAL SHEAR
 MODULUS OF ELASTICITY

ALL SAWN LUMBER (2" x THICK, 2" x WIDER) EXCEPT STUDS SHALL BE HEHM FR. NO. 2 OR BETTER, WITH THE FOLLOWING ALLOWABLE STRESSES:

MAXIMUM FIBER STRESS IN BENDING
 TENSION PARALLEL TO GRAIN
 COMPRESSION PARALLEL TO GRAIN
 COMPRESSION PERPENDICULAR TO GRAIN
 HORIZONTAL SHEAR
 MODULUS OF ELASTICITY

STUDS (2" x THICK, 2" x WIDER) SHALL BE SPRUCE-PIKE FR. NO. 2 OR BETTER, WITH THE FOLLOWING ALLOWABLE STRESSES:

MAXIMUM FIBER STRESS IN BENDING
 TENSION PARALLEL TO GRAIN
 COMPRESSION PARALLEL TO GRAIN
 COMPRESSION PERPENDICULAR TO GRAIN
 HORIZONTAL SHEAR
 MODULUS OF ELASTICITY

APA RATED SHEATHING:
 SEE PLANS FOR GRADE, THICKNESS, AND LOCATIONS OF SHEATHING.

ROOF AND WALL SHEATHING SHALL BE CONTINUOUS OVER 2 SPANS MINIMUM. ENDS OF PANELS SHALL COVER DIRECTLY OVER SUPPORTS.

WOOD CONNECTIONS:
 NAILING SHALL BE IN ACCORDANCE WITH THE NAILING SCHEDULE ON SHEET 5-T-111 UNLESS OTHERWISE NOTED. COMMON OR BOX NAILS MAY BE USED EXCEPT WHERE OTHERWISE NOTED.

JOIST HANGERS SHALL BE BY SIMPSON STRONG-TIE CO. OR EQUAL, WITH CONNECTIONS INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

BOLTS AND LAG BOLTS (OR SCREWS) SHALL BE ASTM A307.

STEEL SIDE PLATES SHALL BE ASTM A36.

LAG BOLTS (OR SCREWS) SHALL BE INSTALLED IN PRE-DRILLED HOLES. THE SIZE OF THE PRE-DRILLED HOLES SHALL REFER TO THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION.

SPECIAL INSPECTION:
 THE OWNER SHALL PROVIDE FOR SERVICES OF A CERTIFIED INSPECTOR (APPROVED BY THE BUILDING OFFICIAL, OR THE ENGINEER OF RECORD) IN ACCORDANCE WITH CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE FOR THE SPECIAL INSPECTION ITEMS NOTED ON SHEET 5-103.



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 MADRID
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GENERAL

STRUCTURAL

NOTES

SHEET NO.:

S-002

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SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS / TESTING - "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM HAVING THE INSPECTIONS OF THE JURISDICTION BUILDING DEPARTMENT PER SECTION 110 OF THE IBC PERFORMED, BOTH THE JURISDICTION BUILDING DEPARTMENT INSPECTIONS AND "SPECIAL STRUCTURAL INSPECTION" SHALL BE PERFORMED.
2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE JURISDICTION BUILDING OFFICIAL AND SPECIAL INSPECTOR WHEN WORK IS READY FOR INSPECTION.
3. REPORTING FOR SPECIAL INSPECTION - SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. IF A TASK IS TO TAKE LONGER THAN THREE (3) DAYS, PROVIDE REPORTS FOR EACH DAY. PROVIDE COPIES OF REPORTS TO CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN HOW RESOLVED.
4. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.
5. SPECIAL INSPECTION OF SHOP FABRICATED MEMBERS AND ASSEMBLIES SHALL BE IN ACCORDANCE WITH SECTION 1704.2, UNLESS FABRICATOR IS APPROVED TO PERFORM WORK WITHOUT SPECIAL INSPECTION.
6. IN ACCORDANCE WITH IBC CHAPTER 17, THE OWNER OR THE OWNER'S AGENT, OTHER THAN THE CONTRACTOR, SHALL EMPLOY ONE OR MORE APPROVED AGENCIES TO PROVIDE SPECIAL INSPECTIONS AND TESTS, DURING CONSTRUCTION FOR THE TYPES OF WORK LISTED BELOW THESE SPECIAL INSPECTIONS AND TESTS ARE IN ADDITION TO THE INSPECTIONS BY THE BUILDING OFFICIAL, IDENTIFIED IN IBC SECTION 110.
7. DEFINITIONS:
- * SPECIAL INSPECTION: INSPECTION AS HEREIN REQUIRED BY A QUALIFIED SPECIAL INSPECTOR COMPETENT WITH THE MATERIALS, INSTALLATION, FABRICATION, ERECTION OR PLACEMENT OF COMPONENTS AND CONNECTIONS REQUIRING SPECIAL EXPERTISE TO ENSURE COMPLIANCE WITH APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS (SEE SECTION 1704).
 - * CONTINUOUS SPECIAL INSPECTION: FULL-TIME OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK IS BEING PERFORMED.
 - * PERIODIC SPECIAL INSPECTION: THE PART-TIME OR INTERMITTENT OBSERVATION OF WORK REQUIRING SPECIAL INSPECTION BY AN APPROVED SPECIAL INSPECTOR WHO IS PRESENT IN THE AREA WHERE THE WORK HAS BEEN OR IS BEING PERFORMED AND AT THE COMPLETION OF THE WORK.

ITEM	DESCRIPTION OF REQUIREMENTS	REQUIRED (YES/NO)
SPECIAL INSPECTION OF STRUCTURAL STEEL	TO BE PERFORMED IN ACCORDANCE WITH CHAPTER N OF ASCE300-10	NO
SPECIAL INSPECTION AND VERIFICATION OF STEEL CONSTRUCTION OTHER THAN STRUCTURAL STEEL	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.2.2	NO
SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE CONSTRUCTION	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.3	NO
SPECIAL INSPECTIONS AND VERIFICATIONS FOR MASONRY CONSTRUCTION	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.4 AND REFERENCED STANDARDS	NO
SPECIAL INSPECTIONS AND VERIFICATIONS FOR WOOD CONSTRUCTION	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1705.5	YES
SPECIAL INSPECTIONS AND VERIFICATIONS OF SOILS	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1706.6, THE GEOTECHNICAL REPORT LISTED IN THE GENERAL FOUNDATION NOTES, AND ANY OTHER REQUIREMENTS LISTED IN THE GENERAL FOUNDATION NOTES	YES
SPECIAL INSPECTIONS AND VERIFICATIONS FOR DEEP FOUNDATIONS (DRIVEN PILES, CAST-IN-PLACE, OR HELICAL PILES AS APPLICABLE)	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTIONS 1706.7-1706.9 AS APPLICABLE, THE GEOTECHNICAL REPORT LISTED IN THE GENERAL FOUNDATION NOTES, AND ANY OTHER REQUIREMENTS LISTED IN THE CONSTRUCTION DOCUMENTS	NO
SPECIAL INSPECTIONS FOR WIND RESISTANCE (REQUIRED ONLY FOR WIND SPEEDS OF 105MPH OR GREATER IN EXPOSURE CATEGORY B, OR 115MPH OR GREATER IN EXPOSURE CATEGORY C OR D)	TO BE PERFORMED IN ACCORDANCE WITH IBC SECTION 1706.11	NO
SPECIAL INSPECTIONS AND VERIFICATIONS FOR SEISMIC RESISTANCE (REQUIRED FOR STRUCTURES ASSIGNED TO CATEGORIES C, D, E, OR F)	TO BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE PORTIONS OF IBC SECTIONS 1705.12 AND 1705.13	YES



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NOTES**

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S-003

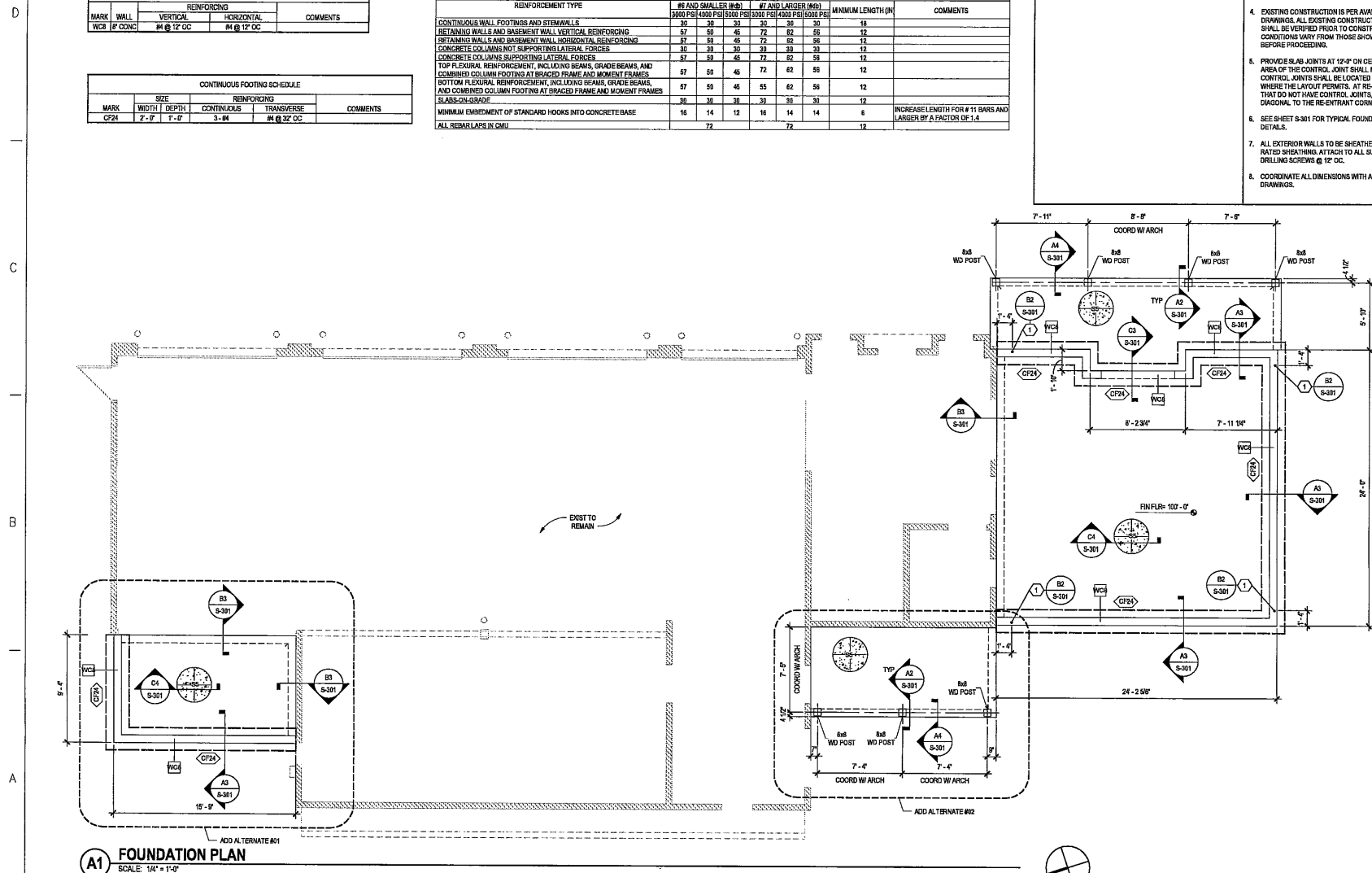
CONTINUOUS FOOTING SCHEDULE					
MARK	SIZE		REINFORCING		COMMENTS
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE	
CF24	2'-0"	1'-0"	3-#4	#4 @ 32" OC	

REINFORCING LAP SCHEDULE						
REINFORCEMENT TYPE	#6 AND SMALLER (INCH)		#7 AND LARGER (INCH)		MINIMUM LENGTH (IN)	COMMENTS
	5000 PSI	4000 PSI	5000 PSI	4000 PSI		
CONTINUOUS WALL FOOTINGS AND STEM WALLS	30	30	30	30	18	
RETAINING WALLS AND BASEMENT WALL VERTICAL REINFORCING	57	50	45	72	82	58
RETAINING WALLS AND BASEMENT WALL HORIZONTAL REINFORCING	57	50	45	72	82	58
CONCRETE COLUMNS NOT SUPPORTING LATERAL FORCES	30	30	30	30	30	12
CONCRETE COLUMNS SUPPORTING LATERAL FORCES	57	50	45	72	82	58
TOP FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND CORNERED COLUMN FOOTING AT BRACED FRAME AND MOMENT FRAMES	57	50	45	72	82	58
BOTTOM FLEXURAL REINFORCEMENT, INCLUDING BEAMS, GRADE BEAMS, AND CORNERED COLUMN FOOTING AT BRACED FRAME AND MOMENT FRAMES	57	50	45	55	62	56
SLAB-ON-GRADE	30	30	30	30	30	12
MINIMUM EMBEDMENT OF STANDARD HOOKS INTO CONCRETE BASE	16	14	12	16	14	6
ALL REBAR LAPS IN CMU	72			72		18

INCREASE LENGTH FOR #11 BARS AND LARGER BY A FACTOR OF 1.4

1. WALL TIE DOWN.

1. REFERENCE FINISH FLOOR, ELEV. 100'± = MEAN SEA FLOOR. FINISH FLOOR, ELEV. CIVIL DRAWINGS.
2. NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE SHEATHED MATERIAL STUD WALLS. THE ERECTOR MUST PROVIDE THE SHEATHING MATERIAL STUD WALLS. STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISC STEEL CONSTRUCTION MANUAL.
3. DIMENSIONS ARE TO THE FACE OF CORNER UNLESS NOTED OTHERWISE.
4. EXISTING CONSTRUCTION IS PER AVAILABLE, EXISTING DRAWINGS. ALL EXISTING CONSTRUCTION AND DIMENSIONS SHOWN ON THIS PRIOR DRAWING ARE TO REMAIN UNLESS SUCH DIMENSIONS VARY FROM THOSE SHOWN. CONTACT ENGINEER BEFORE MAKING JOINTS.
5. PROVIDE 90° JOINTS AT 1/4" P ON CENTER MAXIMUM. THE MAXIMUM JOINT LENGTH SHALL NOT EXCEED A 1:1 RATIO. CONTROL JOINTS SHALL BE LOCATED AT COLUMN LINES AND SHALL BE LOCATED PERMANENTLY. ALL JOINTS SHALL BE LOCATED TO HAVE CONTROL JOINTS, CONTROL JOINTS 24"± 1/4" DIAGONAL, TO THE RE-ENTRANT CORNER.
6. USE SHEET 301 FOR TYPICAL FOUNDATION SECTIONS AND DETAILS.
7. ALL EXTERIOR WALLS TO BE SHEATHED BY 1/4" G85 FIRE RATED SHEATHING. ATTACH TO ALL SUPPORTS W/ 1/4" SELF-DRILLING SCREWS @ 12" OC.
8. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL.



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FOUNDATION PLAN		

SHEET NO:

S-101



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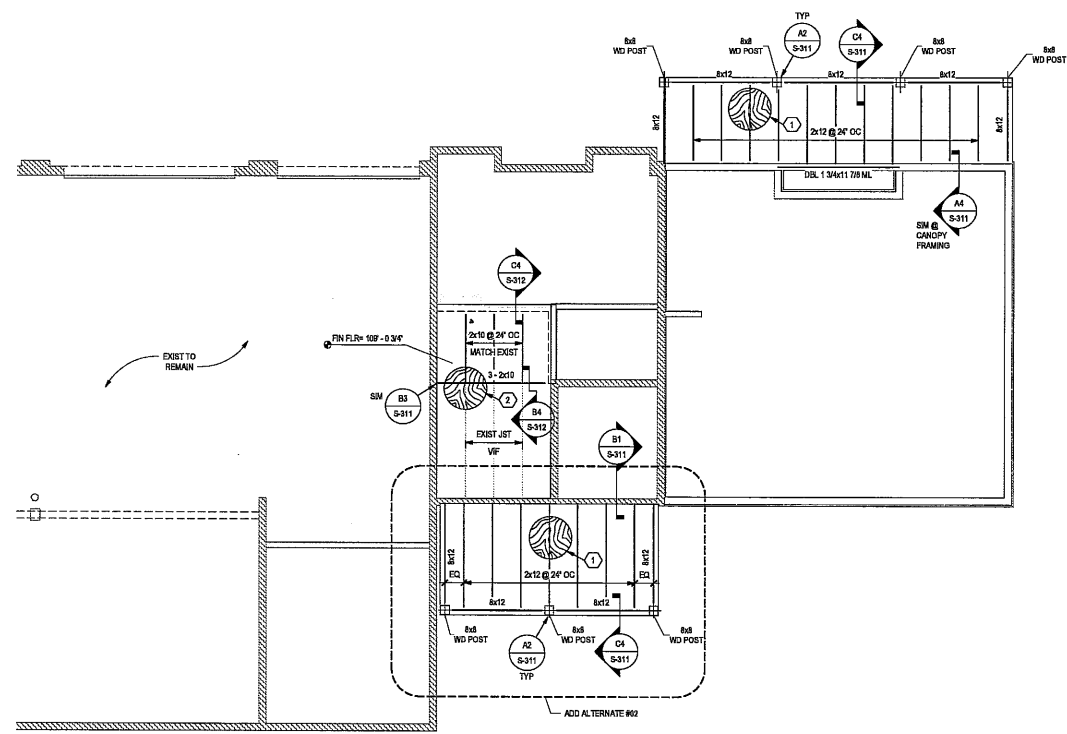
SHEET TITLE:

ROOF FRAMING

SHEET NO:

S-111

SHEET KEYNOTE	GENERAL SHEET NOTES
<ol style="list-style-type: none"> 7/16" APA FIRE RATED OSB SHEATHING. ATTACH SHEATHING TO SUPPORTS WITH 10d NAILS AT 6" ON CENTER ALONG PANEL EDGES AND WITH 10d NAILS AT 12" ON CENTER IN REMAINING FIELD OF PANEL. 3/4" PLYWOOD FLOOR SHEATHING. ATTACH SHEATHING TO SUPPORTS WITH 10d NAILS AT 6" ON CENTER ALONG PANEL EDGES AND WITH 10d NAILS AT 12" ON CENTER IN REMAINING FIELD OF PANEL. 	<ol style="list-style-type: none"> NOTE TO ERECTOR: LATERAL STABILITY OF THE STEEL FRAME IS DEPENDENT UPON THE WOOD STUD WALLS. THE ERECTOR SHALL PROVIDE TEMPORARY BRACING OF THE STEEL FRAME IN ACCORDANCE WITH SECTION 7.10 OF THE AISI CODE OF STANDARD PRACTICES. DIMENSIONS ARE TO THE FACE OF WOOD STUDS, UNLESS NOTED OTHERWISE. EXISTING CONSTRUCTION IS PER AVAILABLE EXISTING DRAWINGS. ALL EXISTING CONSTRUCTION AND DIMENSIONS SHALL BE VERIFIED PRIOR TO CONSTRUCTION. SHOULD CONDITIONS VARY FROM THOSE SHOWN, CONTACT ENGINEER BEFORE PROCEEDING. SEE SHEET S-311 FOR TYPICAL ROOF FRAMING SECTIONS. ALL EXTERIOR WALLS TO BE SHEATHED WITH 7/16" OSB FIRE RATED SHEATHING. ATTACH TO ALL SUPPORTS WITH SELF-DRILLING SCREWS @ 12" OC. SEE SHEET S-312 FOR COLD-FORMED LINTLS. SCHEDULE.



A2 MEZZANINE & CANOPY FRAMING PLAN
SCALE: NTS

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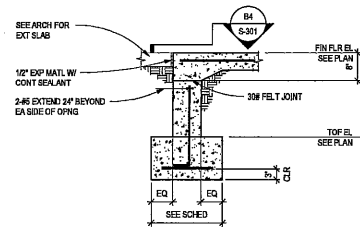
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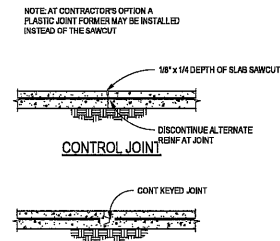
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SHEET TITLE: MEZZANINE & CANOPY FRAMING PLAN

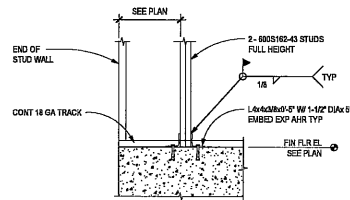
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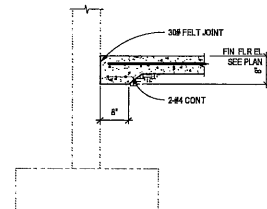
C3 CONC STEMWALL AT OPNG
SCALE: NTS



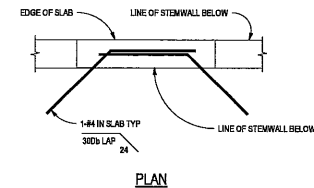
C4 TYPICAL SLAB JOINT
SCALE: NTS



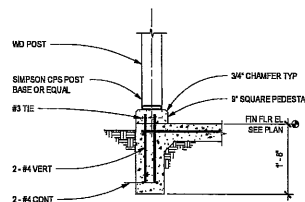
B2 TIE DOWN DETAIL
SCALE: NTS



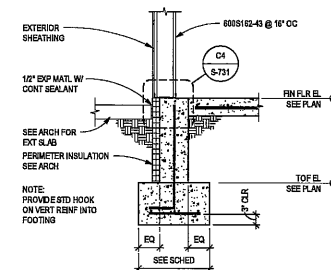
B3 THICKENED SLAB AT EXISTING
SCALE: NTS



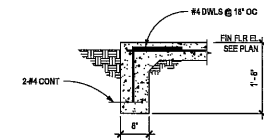
B4 TYPICAL SLAB REINF AT OPNG
SCALE: NTS



A2 FOUNDATION SECTION
SCALE: NTS



A3 FOUNDATION SECTION
SCALE: NTS



A4 FOUNDATION SECTION
SCALE: NTS



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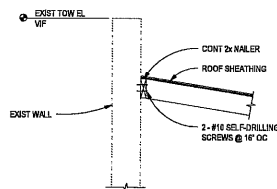
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**FOUNDATION
SECTIONS AND
DETAILS**

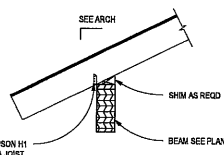
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S-301

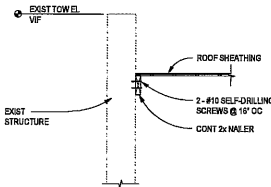
NAILING SCHEDULE	
CONNECTION	NAILING
JOIST TO BILL OR BRIDGE, TOSNAL	3-4D
BRIDGING TO JOIST, TOSNAL EACH END	2-4D
SOLE PLATE TO JOIST OR BRIDGING, FACE NAIL	18D AT 18" OC
TOP PLATE TO STUD, END NAIL	5-16D
STUD TO SOLE PLATE	4-4, TOSNAL OR 2-16D, END NAIL
DOUBLE STUDS, FACE NAIL	18D AT 24" OC
DOUBLE TOP PLATES, FACE NAIL	18D AT 18" OC
TOP PLATES, LAP AND INTERSECTIONS, FACE NAIL	2-16D
CONTINUOUS HEADER, TWO PIECES	4-4D
CONTINUOUS HEADER TO STUD, TOSNAL	18D AT 18" OC ALONG EACH EDGE
BUILT-UP CORNER STUDS	18D AT 24" OC
BUILT-UP BRIDGE AND BEAM	28D AT 32" OC TOP AND BOT AND STAGGERED 2-28D AT ENDS AND AT EACH SPLICE



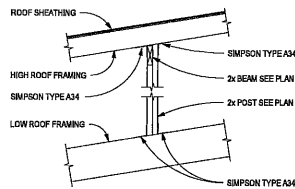
B1 ROOF FRAMING SECTION
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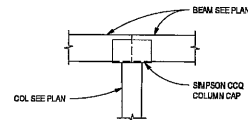
A1 ROOF CONNECTION DETAIL
SCALE: NTS



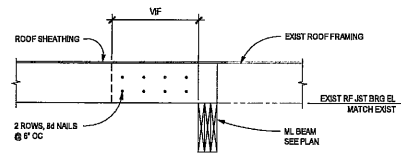
C2 ROOF FRAMING SECTION
SCALE: NTS



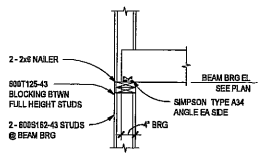
B2 ROOF FRAMING SECTION
SCALE: NTS



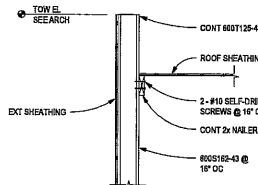
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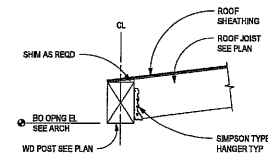
C3 ROOF FRAMING SECTION
SCALE: NTS



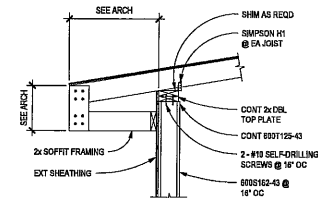
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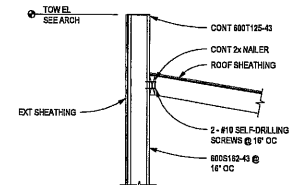
A3 ROOF FRAMING SECTION
SCALE: NTS



C4 ROOF FRAMING SECTION
SCALE: NTS



B4 ROOF FRAMING SECTION
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A4 ROOF FRAMING SECTION
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CONSULTANT



PROJECT TITLE

**SANTA FE
COUNTY MADRID
FIRE STATION**

**100% CONSTRUCTION
DOCUMENTS**
MADRID
NEW MEXICO



Chavez-Grievies
consulting engineers, inc.
4933 Central Blvd. NE, Suite 100 Albuquerque, NM 87110
505-341-4800 505-342-6557 fax

REVISIONS:

NO.	DATE	DESCRIPTION

DATE DESCRIPTION

DRAWN BY: PS CHECKED BY: CB

PROJECT NUMBER: A16.04

DATE: 11-01-18

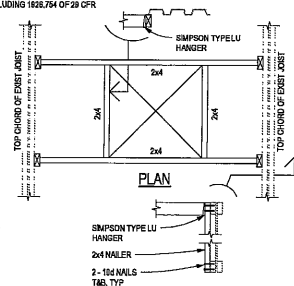
SHEET TITLE:

**ROOF FRAMING
SECTIONS**

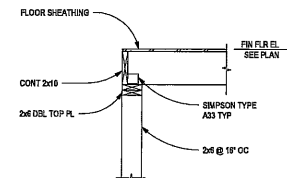
SHEET NO:

S-311

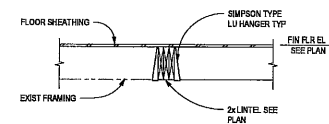
NOTE: INSTALL OPENINGS IN COMPLIANCE WITH OSHA REQUIREMENTS INCLUDING 1926.754 OF 29 CFR



C3 TYPICAL EXIST ROOF OPENING > 12"
SCALE: NTS

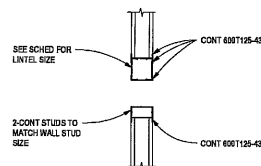


C4 FRAMING SECTION
SCALE: NTS

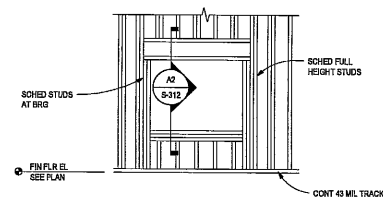


B4 FRAMING SECTION
SCALE: NTS

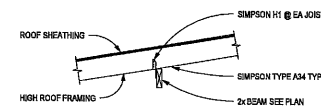
LIGHTGAUGE LINTEL SCHEDULE			
SPAN	SIZE	STUDS AT BEARING	FULL HEIGHT STUDS
0'-0" - 4'-0"	2-606S162-43	1 - 606S162-43	1 - 606S162-43
4'-0" - 8'-0"	2-606S162-43	2 - 606S162-43	2 - 606S162-43
8'-0" - 12'-0"	3-606S162-43	2 - 606S162-43	2 - 606S162-43
12'-0" - 16'-0"	3-606S162-54	2 - 606S162-54	2 - 606S162-43



A2 TYPICAL LINTEL SECTION
SCALE: NTS



A3 COLD-FORMED LINTEL SCHEDULE
SCALE: NTS



A4 ROOF FRAMING SECTION
SCALE: NTS



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FIRE STATION**

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MADRID
NEW MEXICO



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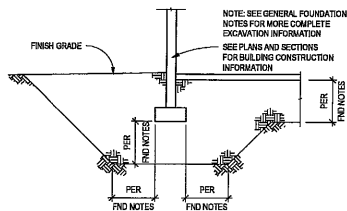
PROJECT NUMBER:
A16.04

DATE:
11-01-18

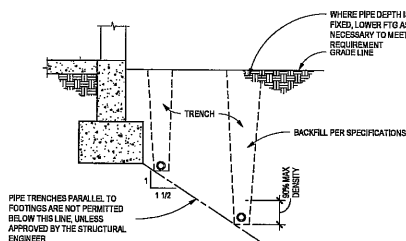
SHEET TITLE:
**FRAMING
SECTIONS AND
DETAILS**

SHEET NO:

S-312



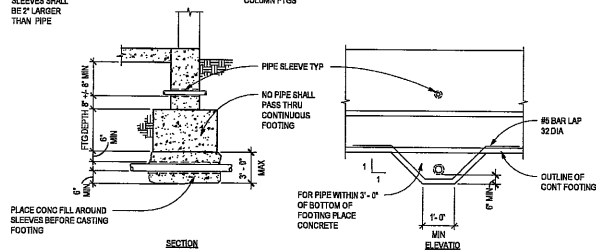
C2 TYPICAL FND EXCAVATION DETAIL
SCALE: NTS



PIPE AND TRENCHES PARALLEL TO FOOTINGS

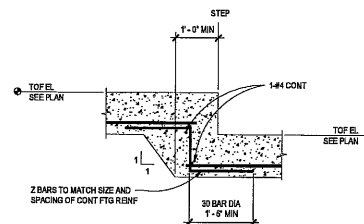
- NOTES:
1. FOR PIPES MORE THAN 3'-0" BELOW BOTTOM OF FTO USE COMPACTED FILL PER SPECIFICATIONS.
 2. TRENCHES AND PIPES ARE NOT PERMITTED BELOW COLUMN FTGS

NOTE: ALL PIPE SLEEVES SHALL BE 2" LARGER THAN PIPE

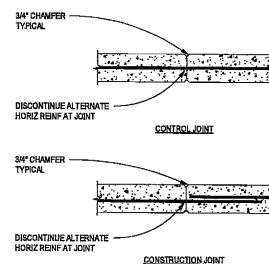


PIPE AND TRENCHES TRANSVERSE TO FOOTINGS

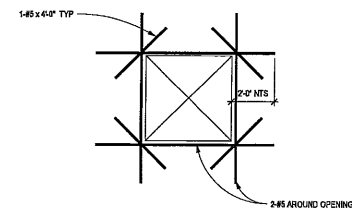
A1 TYPICAL PIPE PENETRATION AND TRENCH DETAILS
SCALE: NTS



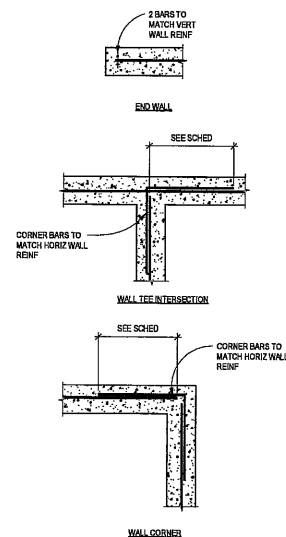
B3 TYPICAL STEPPED FOOTING DETAIL
SCALE: NTS



A3 TYPICAL WALL JOINT DETAIL
SCALE: NTS



C4 TYPICAL OPNG IN CONC WALL DETAIL
SCALE: NTS



A4 TYPICAL SINGLE MAT WALL REINF
SCALE: NTS



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FIRE STATION**

**100% CONSTRUCTION
DOCUMENTS**
MADRID
NEW MEXICO



Chavez-Grievos
consulting engineers, inc.
4700 Lincoln Road, Suite 100, Albuquerque, NM 87110
505-244-0000, 505-244-0700

REVISIONS:

NO.	DATE	DESCRIPTION

DATE: 11-01-18

PROJECT NUMBER: A18.04

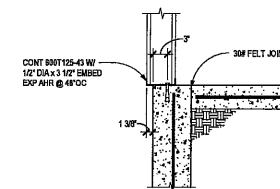
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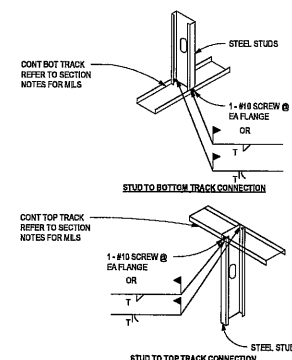
**TYPICAL
CONCRETE
DETAILS**

SHEET NO:

S-711

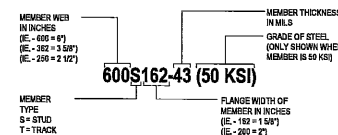


C4 TYPICAL STUDS AT STEMWALL
SCALE: 1"=1'-0"

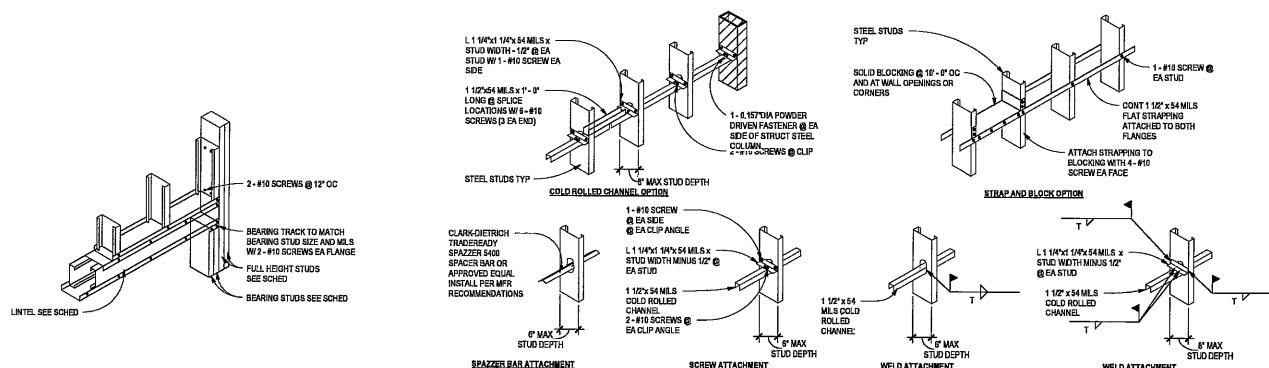


B4 TYPICAL STUDS TO TRACK DETAIL
SCALE: NTS

MILS TO GAGE CONVERSION CHART	
MILS	GAUGE
39 MILS	25 GAUGE
43 MILS	18 GAUGE
54 MILS	16 GAUGE
68 MILS	14 GAUGE
87 MILS	12 GAUGE

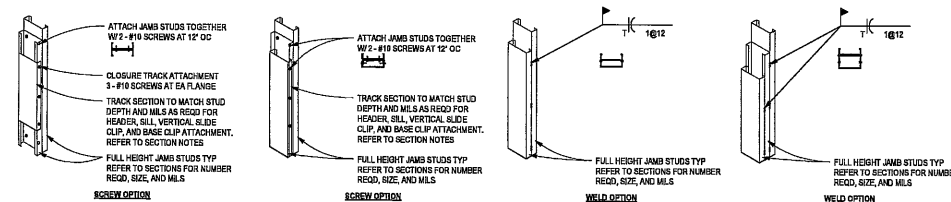


A4 TYPICAL COLD-FORMED MEMBER DESIGNATION
SCALE: NTS

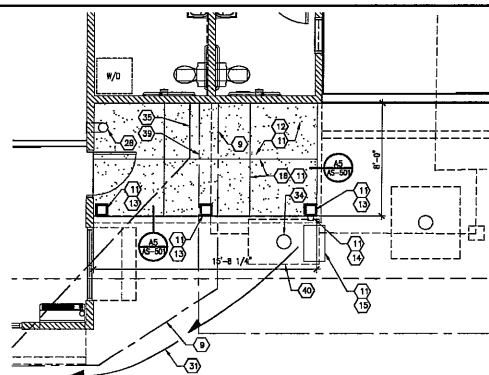


B1 TYPICAL HEADER / JAMB DETAIL
SCALE: NTS

B2 TYPICAL BRIDGING DETAILS
SCALE: NTS



A1 TYPICAL STUD JAMB ATTACHMENT DETAILS
SCALE: NTS



**(C3) ENLARGED SITE PLAN
ADDITIVE ALTERNATE #2**

GENERAL NOTES

- A. GENERAL CONTRACTOR TO HIRE LANDSCAPE ARCHITECT/ CONTRACTOR TO DESIGN AND INSTALL LANDSCAPING PER COUNTY OF SANTA FE REQUIREMENTS.

1. EXISTING FIRE STATION BUILDING TO REMAIN.
2. EXISTING CONCRETE PAVING TO REMAIN.
3. EXISTING GRAVEL DRIVE TO REMAIN.
4. EXISTING BOLLARDS TO REMAIN. PAINT.
5. EXISTING 6" WOOD EXTENSION FOR DRAINAGE (FROM METAL DOWNSPOUT) TO REMAIN.
6. EXISTING METAL DOWNSPOUT TO REMAIN.
7. EXISTING CONCRETE SIDEWALK TO REMAIN.
8. NEW SEWAGE PIT, FIELD VERIFY SEWAGE PIT CLEARS EXISTING 12" DRAINAGE.
9. NEW SEWAGE PIT #1 4" PVC SEWER LINE.
10. EXISTING ALTERNATE #1 TO REMAIN.
11. ADDITIVE: ALTERNATE #2 NEW PORTAL ADDITION.
12. NEW CONCRETE PAVEMENT.
13. NEW PORTAL WOOD POST WITH SIMPSON GCS BASE AND BASE PLATE TO SIT ON 10 1/2"x10 1/2"x10 1/2" 4"x4" HIG CONCRETE BASE.
14. NEW PORTAL WOOD POST WITH SIMPSON GCS BASE AND BASE PLATE BY OZCO BUILDING PRODUCTS, (480) 911-7503 MANUFACTURE NUMBER: 88661 (808-779-15).
15. NEW METAL DOWNSPOUT.
16. NEW CONCRETE SPALLBLOCKS. LOC. DETAIL B/S-A/S-501.
17. EXISTING GRAVEL DRIVE TO REMAIN.
18. NEW EXPANSION JOINT DETAIL B/S-A/S-501.
19. NEW ACCESSIBLE PARKING PAINTED SYMBOLS. SEE DETAIL B/S-A/S-501.
20. NEW ACCESSIBLE CONCRETE PAVEMENT. SEE DETAIL B/S-A/S-501.
21. NEW ACCESSIBLE CONCRETE PUMP. SEE A/S-A/S-501.
22. NEW CONCRETE DRIVE PAV FOR TRUCK WAYS. 8" CONCRETE SLAB ON 4" GRAVEL. DETAIL B/S-A/S-501.
23. EXISTING 12" DRAINAGE. FIELD VERIFY. DETAIL B/S-A/S-501.
24. EXPOSED SOIL A MINIMUM OF 12" AND RE-COMPACT. 1/2" MINIMUM. DETAIL B/S-A/S-501.
25. EXISTING 6" WOOD EXTENSION FOR DRAINAGE (FROM METAL COLUMN BETWEEN DOORS). SEAL EXPANSION JOINTS WITH SILICONE SEALANT.
26. EXISTING 6" WOOD EXTENSION FOR DRAINAGE (FROM METAL COLUMN BETWEEN DOORS). SEAL EXPANSION JOINTS WITH SILICONE SEALANT.
27. NEW CONCRETE STRIPING WITH TRAFFIC GRADE PAINT AS SHOWN.
28. NEW 4" TRAFFIC GRADE PAINTED LETTERING TO READ "NO PARKING".
29. NEW CONCRETE PARKING BOLLARDS. SECURE IN CONCRETE PAD WITH 4" REBAR SET IN CONCRETE.
30. (7) EXISTING PARKING SPACES (GRAVEL) TO REMAIN.
31. EXISTING GRAVEL PAVING TO REMAIN.
32. EXHAUST POTS. SEE MECHANICAL.
33. EXISTING ELECTRICAL WIRING TO REMAIN.
34. EXISTING TELEPHONE PEDISTAL. TO REMAIN.
35. EXISTING DRAIN TO REMAIN.
36. NEW LOCATION OF FIRE HYDRANT. COORDINATE WITH FIRE DEPT.
37. NEW CONCRETE JOINT AS PER DETAIL B/S-A/S-501.
38. EXISTING SEPTIC TANK LID.
39. ADDITIONAL LOCATION OF EXISTING WATER LINE (FIELD VERIFY). MECHANICAL UNID WITH CONCRETE PAD (UNKNOWN DEPTH SEE DETAIL B/S-A/S-501). VERIFY LOCATION OF ANY OBSTRUCTIONS.
40. CONCRETE PAD SIZE AND LOCATION.
41. EXISTING 6" WOOD EXTENSION FOR DRAINAGE (FROM METAL 2X RAILS (3) X WOOD PROTECT FENCE POSTS (PROVIDE STAIN AND SEALER AS APPLIED BY ARCHITECT). ALL WOOD TO BE TREATED AND TREATED TO PROTECT FROM ANY OBSTRUCTIONS. SEE SECTION C/A/S-501.
42. EXISTING 6" WOOD EXTENSION FOR DRAINAGE (FROM METAL 2X RAILS (3) X WOOD PROTECT FENCE POSTS (PROVIDE STAIN AND SEALER AS APPLIED BY ARCHITECT). ALL WOOD TO BE TREATED AND TREATED TO PROTECT FROM ANY OBSTRUCTIONS. SEE SECTION C/A/S-501.
43. EXISTING PROPANE GAS LINE TO REMAIN.
44. EXISTING PROPANE GAS LINE TO REMAIN. PROTECT DURING NEW CONSTRUCTION.
45. EXISTING SEPTIC TANK TO REMAIN. FIELD VERIFY ADDITIVE ALTERNATE #2. PROVIDE ADDITIVE DOES NOT INTERFERE WITH EXISTING SEPTIC TANK. NOTE: FIELD VERIFY LOCATION OF ANY OBSTRUCTIONS.
46. EXISTING D-BOX TO REMAIN.
47. EXISTING SEPTIC TANK TO REMAIN.

PARKING CALCULATIONS

- 1 SPACE PER 200 SQUARE FEET OF NET LEASABLE AREA ON GROUND FLOOR.
- REQUIRED STANDARD PARKING $(832/200) = 4$
- WAREHOUSE AREA (TRUCK PARKING GARAGE):
- 1 SPACE PER 2,000 SQUARE FEET OF NET LEASABLE AREA.
- REQUIRED STANDARD PARKING $(2,187/2000) = 2$
- TOTAL REQUIRED STANDARD PARKING: 6
- TOTAL PROVIDED STANDARD PARKING: 10 (7 EXISTING, 3 NEW)
- TOTAL REQUIRED DESIGNATED ACCESSIBLE PARKING: 1
- TOTAL PROVIDED DESIGNATED ACCESSIBLE PARKING: 1



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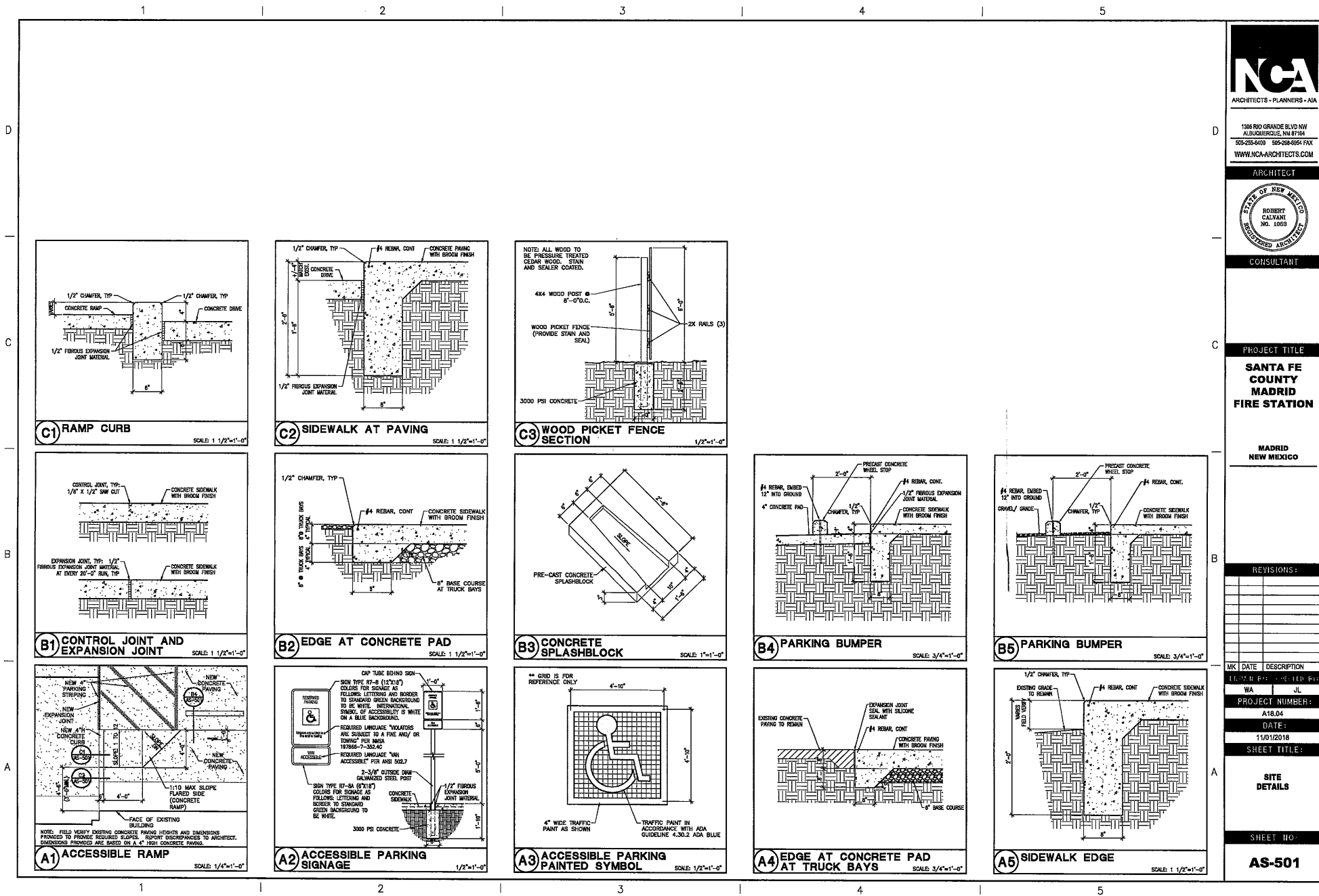
PROJECT TITLE

MADRID
NEW MEXICO

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(ENTER FIRST HALF OF LINE)		
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PROJECT NUMBER:		
A18.04		
DATE:		
11/01/2018		
SHEET TITLE:		

SHEET NO:

AS-101



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ARCHITECT

STATE OF NEW MEXICO
ROBERT CALYANI
NO. 1005
REGISTERED ARCHITECT

CONSULTANT

PROJECT TITLE

**SANTA FE COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

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MK DATE DESCRIPTION

WA JL

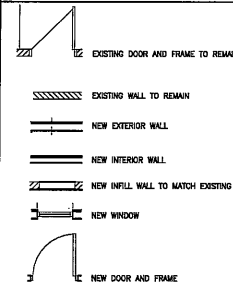
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A18.04

DATE:
11/01/2018

SHEET TITLE:
SITE DETAILS

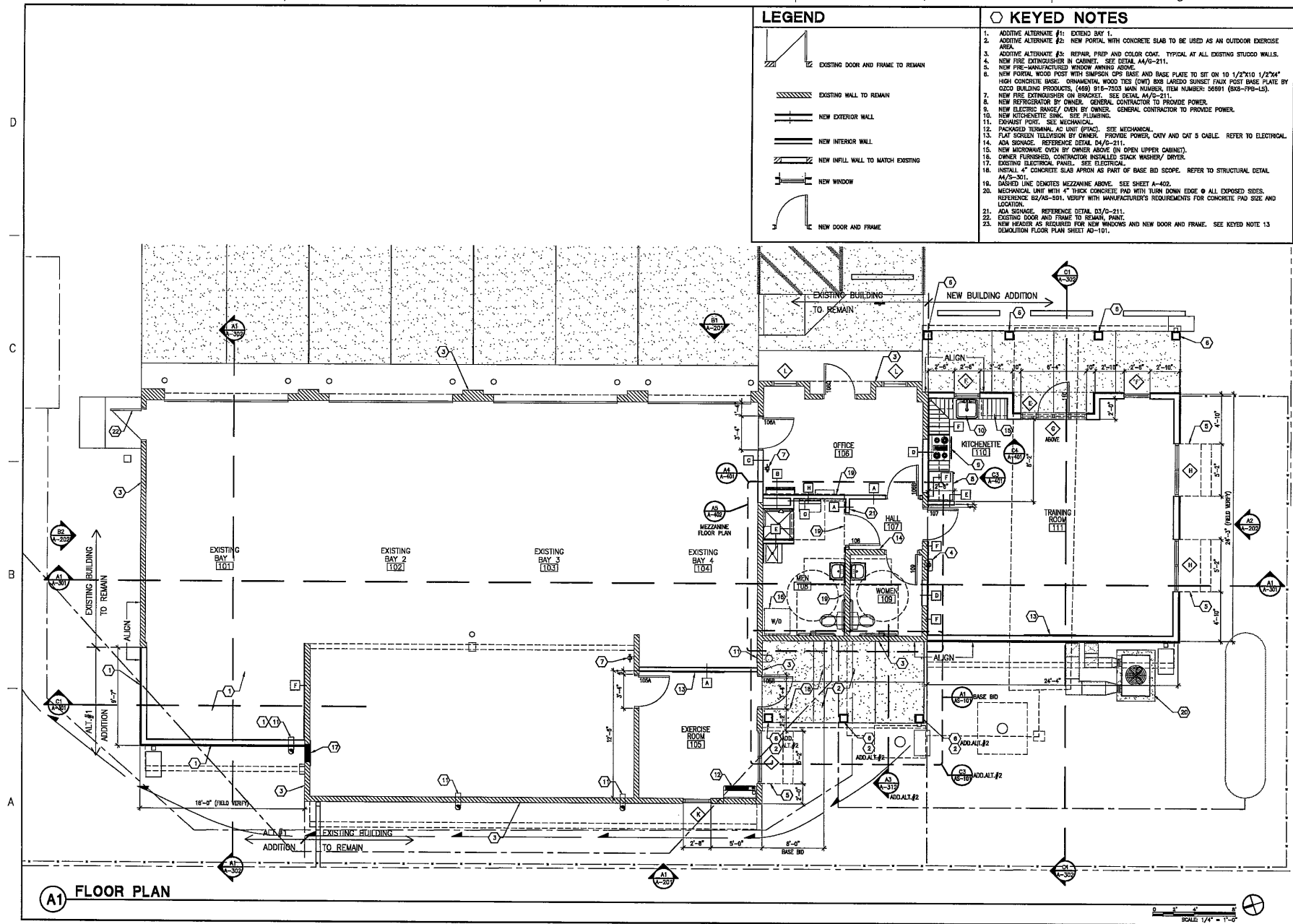
SHEET NO.
AS-501

LEGEND



KEYED NOTES

1. ADDITIVE ALTERNATE #1: EXISTING BAY 1.
2. ADDITIVE ALTERNATE #2: NEW PORTAL WITH CONCRETE SLAB TO BE USED AS AN OUTDOOR EXERCISE AREA.
3. ADDITIVE ALTERNATE #3: REPAIR, PREP AND COLOR COAT, TYPICAL AT ALL EXISTING STUCCO WALLS.
4. NEW FIRE EXTINGUISHER IN CABINET. SEE DETAIL AA/G-211.
5. NEW FIRE-MANUFACTURED WINDOW HAVING ABOVE.
6. NEW PORTAL WOOD POST WITH SIMPSON CPS BASE AND BASE PLATE TO SIT ON 10 1/2"x10 1/2"x4" HIGH CONCRETE BASE. ORNAMENTAL WOOD TIES (OWT) 808 LARSEN SUNSET FALK POST BASE PLATE BY GECO BUILDING PRODUCTS, (440) 915-7033 MARK NUMBER: 56591 (885-PPB-L3).
7. NEW FIRE EXTINGUISHER ON BRACKET. SEE DETAIL AA/G-211.
8. NEW REFRIGERATOR BY OWNER. GENERAL CONTRACTOR TO PROVIDE POWER.
9. NEW KITCHENETTE SINK. SEE PLUMBING.
10. NEW KITCHENETTE SINK. SEE PLUMBING.
11. EXISTING FORD. SEE MECHANICAL.
12. PACKAGED TERMINAL AC UNIT (PTAC). SEE MECHANICAL.
13. FLAT SCREEN TELEVISION BY OWNER. PROVIDE POWER, QTV AND CAT 5 CABLE. REFER TO ELECTRICAL.
14. ADA SIGNAGE. REFERENCE DETAIL BA/G-211.
15. NEW MICROWAVE OVEN BY OWNER ABOVE (IN OPEN UPPER CABINET).
16. OWNER FURNISHED. CONTRACTOR INSTALLED SINK WASHERY DRYER.
17. EXISTING ELECTRICAL PANEL. SEE ELECTRICAL.
18. INSTALL 4" CONCRETE SLAB APRON AS PART OF BASE BID SCOPE. REFER TO STRUCTURAL DETAIL AA/S-301.
19. DASHED LINE DENOTES MEZZANINE ABOVE. SEE SHEET A-402.
20. MECHANICAL UNIT WITH 4" THICK CONCRETE PAD WITH TURN DOWN EDGE. ALL EXPOSED SIDES. REFERENCE BA/S-501. VERIFY WITH MANUFACTURER'S REQUIREMENTS FOR CONCRETE PAD SIZE AND LOCATION.
21. ADA SIGNAGE. REFERENCE DETAIL BA/G-211.
22. EXISTING DOOR AND FRAME TO REMAIN. PAINT.
23. NEW HEADER AS REQUIRED FOR NEW WINDOWS AND NEW DOOR AND FRAME. SEE KEYED NOTE 13 DEMOLITION FLOOR PLAN SHEET AD-101.



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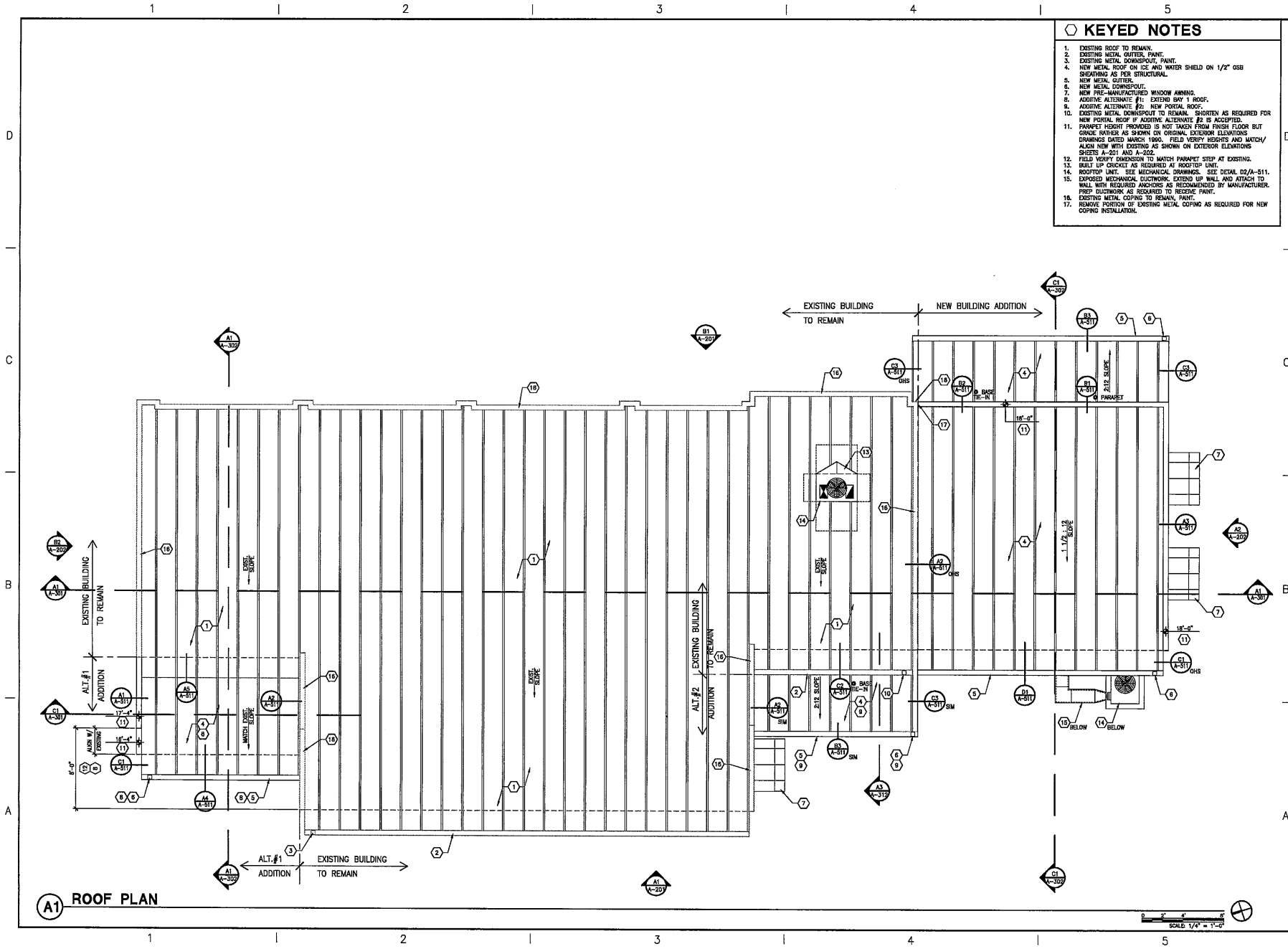
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FLOOR PLAN

SHEET NO:

A-101



KEYED NOTES

- EXISTING ROOF TO REMAIN.
- EXISTING METAL GUTTERS, PAINT.
- EXISTING METAL DOWNSPOUT, PAINT.
- NEW METAL ROOF ON ICE AND WATER SHIELD ON 1/2" OSB SHEATHING AS PER STRUCTURAL.
- NEW METAL GUTTERS.
- NEW METAL DOWNSPOUT.
- NEW PRE-MANUFACTURED WINDOW AWNING.
- ADDITIVE ALTERNATE #1: EXTEND BAY 1 ROOF.
- ADDITIVE ALTERNATE #2: NEW PORTAL ROOF.
- EXISTING METAL DOWNSPOUT TO REMAIN. SHORTEN AS REQUIRED FOR NEW PORTAL ROOF IF ADDITIVE ALTERNATE #2 IS ACCEPTED.
- PANMPET HEIGHT PROVIDED IS NOT TAKEN FROM FINISH FLOOR BUT BRIDGE RAILERS AS SHOWN ON ORIGINAL EXTERIOR ELEVATIONS. DRAWINGS DATED MARCH 1990. FIELD VERIFY HEIGHTS AND MATCH/ALIGN NEW WITH EXISTING AS SHOWN ON EXTERIOR ELEVATIONS SHEETS A-201 AND A-202.
- FIELD VERIFY DIMENSION TO MATCH PANMPET STEP AT EXISTING.
- BUILT UP CRICKET AS REQUIRED AT ROOFTOP UNIT.
- ROOFTOP UNIT. SEE MECHANICAL DRAWINGS. SEE DETAIL 02/A-511.
- EXPOSED MECHANICAL JOINTWORK. EXTEND UP WALL AND ATTACH TO WALL WITH REQUIRED ANCHORS AS RECOMMENDED BY MANUFACTURER. PREP JOINTWORK AS REQUIRED TO RESIDE PAINT.
- EXISTING METAL COPING TO REMAIN, PAINT.
- REMOVE PORTION OF EXISTING METAL COPING AS REQUIRED FOR NEW COPING INSTALLATION.

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ARCHITECT

STATE OF NEW MEXICO
ROBERT CALPANI
NO. 1063
REGISTERED ARCHITECT

CONSULTANT

PROJECT TITLE

**SANTA FE
COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

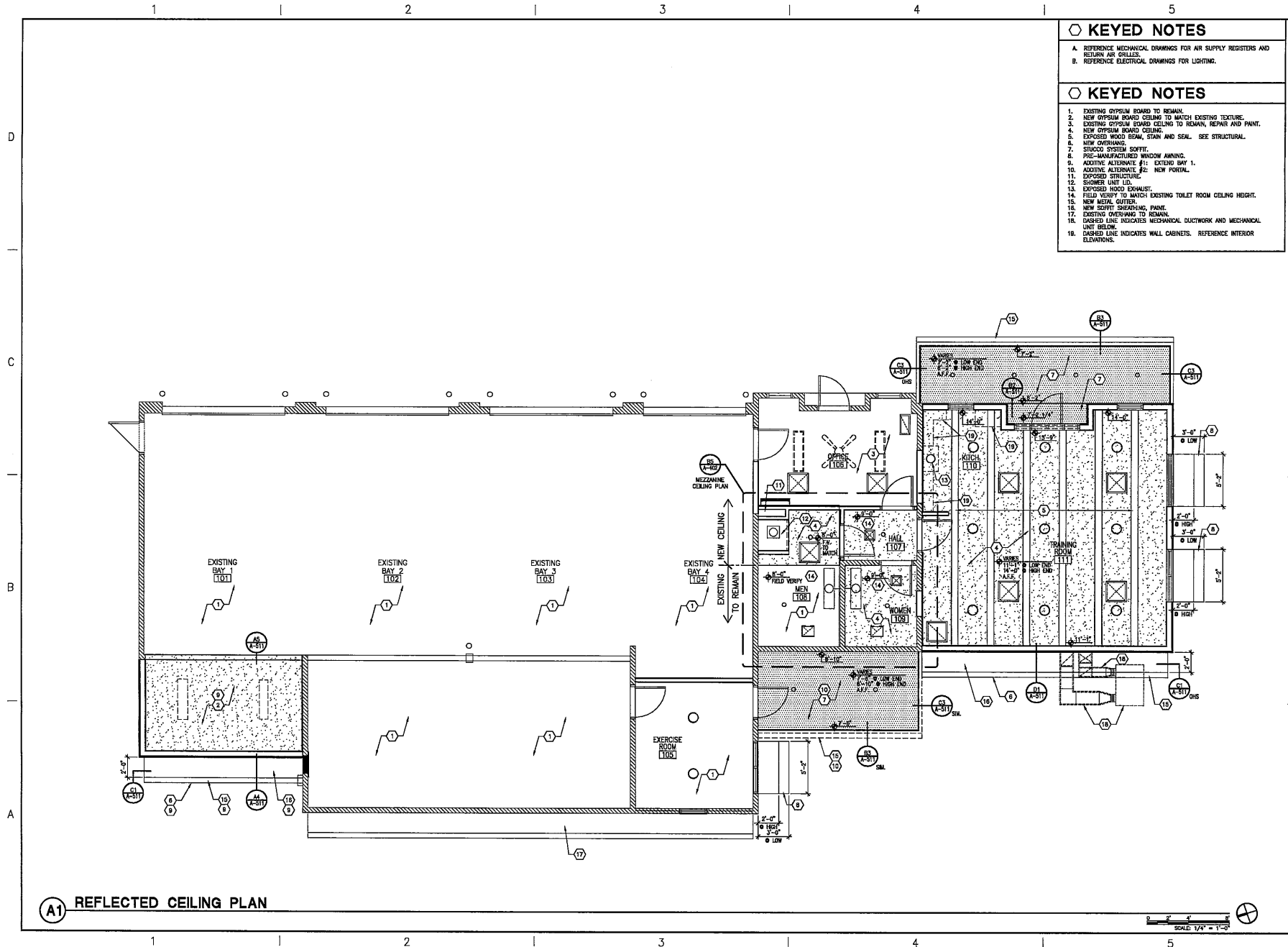
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PROJECT NUMBER:
A18.04

DATE:
11/01/2018

SHEET TITLE:
ROOF PLAN

SHEET NO:
A-111



○ KEYED NOTES

- A. REFERENCE MECHANICAL DRAWINGS FOR AIR SUPPLY REGISTERS AND RETURN AIR GRILLES.
- B. REFERENCE ELECTRICAL DRAWINGS FOR LIGHTING.

○ KEYED NOTES

- EXISTING GYPSUM BOARD TO REMAIN.
- NEW GYPSUM BOARD CEILING TO MATCH EXISTING TEXTURE.
- EXISTING GYPSUM BOARD CEILING TO REMAIN, REPAIR AND PAINT.
- NEW GYPSUM BOARD CEILING.
- EXPOSED WOOD SOAM, STAIN AND SEAL. SEE STRUCTURAL.
- NEW OVERHANG.
- SUCCO SYSTEM SOFFIT.
- PRE-MANUFACTURED WINDOW AWNING.
- ADDITIVE ALTERNATE #1: EXTEND BAY 1.
- ADDITIVE ALTERNATE #2: NEW PORTAL.
- EXPOSED STRUCTURE.
- SHOWER UNIT L.D.
- EXPOSED HOOD EXHAUST.
- FIELD VENT TO MATCH EXISTING TOILET ROOM CEILING HEIGHT.
- NEW METAL GUTTER.
- NEW SOFFIT SHEATHING, PAINT.
- EXISTING OVERHANG TO REMAIN.
- DASHED LINE INDICATES MECHANICAL DUCTWORK AND MECHANICAL UNIT BELOW.
- DASHED LINE INDICATES WALL CABINETS. REFERENCE INTERIOR ELEVATIONS.



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CONSULTANT

PROJECT TITLE

**SANTA FE
COUNTY
MADRID
FIRE STATION**

**MADRID
NEW MEXICO**

REVISIONS:

NO.	DATE	DESCRIPTION

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WA JL

PROJECT NUMBER:

A18.04

DATE:

11/01/2018

SHEET TITLE:

REFLECTED

CEILING PLAN

SHEET NO

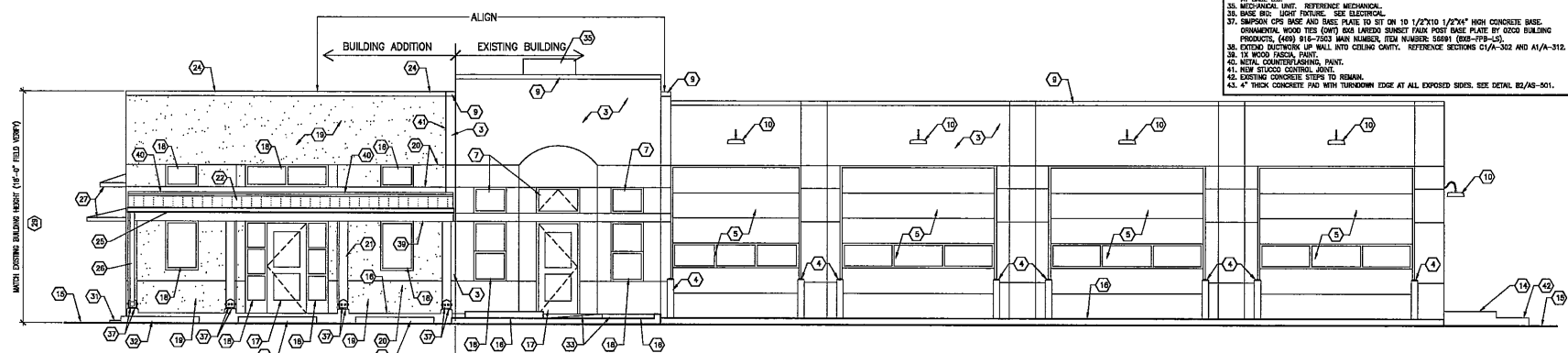
A-121

GENERAL NOTES

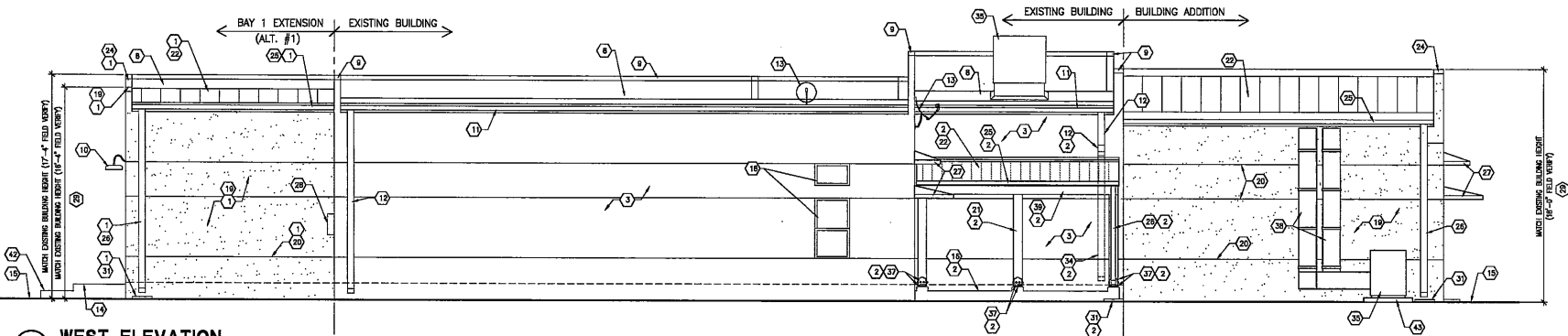
A. NOT ALL KEYED NOTES MAY APPLY ON THIS SHEET.

KEYED NOTES

1. ADDITIVE ALTERNATE #1: EXTENDED BAY 1.
2. ADDITIVE ALTERNATE #2: NEW PORTAL.
3. ADDITIVE ALTERNATE #3: PREP/ REPAIR EXISTING STUCCO TO MATCH NEW STUCCO. TYPICAL AT ALL EXISTING STUCCO.
4. EXISTING WALLS TO REMAIN.
5. EXISTING OVERHEAD DOOR TO REMAIN.
6. EXISTING DOOR AND FRAME TO REMAIN.
7. EXISTING WINDOW TO REMAIN, PAINT.
8. EXISTING METAL ROOF.
9. EXISTING METAL COPING TO REMAIN, PAINT.
10. EXISTING LIGHTING TO REMAIN, PAINT.
11. EXISTING METAL GUTTER TO REMAIN, PAINT.
12. EXISTING DOWNSPOUT TO REMAIN, PAINT.
13. EXISTING SATellite GUT TO REMAIN.
14. EXISTING CONCRETE PAVING TO REMAIN.
15. EXISTING GRACE.
16. NEW CONCRETE PAVING. SEE SITE PLAN.
17. NEW DOOR AND FRAME.
18. NEW GLASS AND FRAME.
19. NEW STUCCO SYSTEM.
20. NEW STUCCO CONTROL JOINT AS SHOWN. MATCH EXISTING CONTROL JOINT HEIGHTS WHERE NEW IS ADJACENT TO EXISTING.
21. NEW PORTAL WOOD POST. REFERENCE STRUCTURAL.
22. NEW METAL ROOF.
23. NEW METAL FLASHING.
24. NEW METAL COPING.
25. NEW METAL GUTTER.
26. NEW METAL DOWNSPOUT.
27. NEW PRE-MANUFACTURED WINDOW AWNING.
28. EXISTING ELECTRICAL METER TO REMAIN.
29. PARAPET HEIGHT PROVIDED IS NOT TAKEN FROM FINISH FLOOR BUT FROM GRADE RATHER AS SHOWN ON ORIGINAL EXISTING ELEVATIONS DRAWINGS DATED MARCH 2008. FIELD VERIFY HEIGHTS AND MATCH/ ADJUST NEW WITH EXISTING AS SHOWN.
30. FIELD VERIFY DIMENSIONS TO MATCH PARAPET STEP BEYOND.
31. NEW CONCRETE SPLASHBLOCK. SEE DETAIL BA/AG-501.
32. NEW PARKING BARRIER. SEE SITE PLAN.
33. NEW CONCRETE RAMP. SEE SITE PLAN.
34. DASHED LINE INDICATES DOWNSPOUT TO BE DEMOLISHED UNDER ADDITIVE ALTERNATE #2 AND TO REMAIN AT BASE EID.
35. MICROPIER. REFERENCE MECHANICAL.
36. BASE BRG. LIGHT FIXTURE. SEE ELECTRICAL.
37. SHOWN OPS BASE AND BASE PLATE TO SET ON 10 1/2"X10 1/2"X4" NEW CONCRETE BASE. CONCRETE WOOD TIES (DW) 505 LARGEST SUGGESTED PLATE BY OZCO BUILDING PRODUCTS, (409) 818-7503 MAN NUMBER: 55691 (R02-FPS-LS).
38. EXISTING ELECTRICAL UP WALL INTO CEILING CAVITY. REFERENCE SECTIONS C1/A-302 AND A1/A-312.
39. 1X WOOD FASCIA, PAINT.
40. METAL COUNTERFLASHING, PAINT.
41. NEW STUCCO CONTROL JOINT.
42. EXISTING CONCRETE STEPS TO REMAIN.
43. 4" THICK CONCRETE PAD WITH TURNDOWN EDGE AT ALL EXPOSED SIDES. SEE DETAIL BA/AG-501.



B1 EAST ELEVATION



A1 WEST ELEVATION



1306 RIO GRANDE BLVD NW
ALBUQUERQUE, NM 87104
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PROJECT TITLE
**SANTA FE COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

NO.	DATE	DESCRIPTION

DATE	DESCRIPTION
11/01/2018	PROJECT NUMBER: A18.04
11/01/2018	DATE:
11/01/2018	SHEET TITLE:

EXTERIOR
ELEVATIONS

SHEET NO.

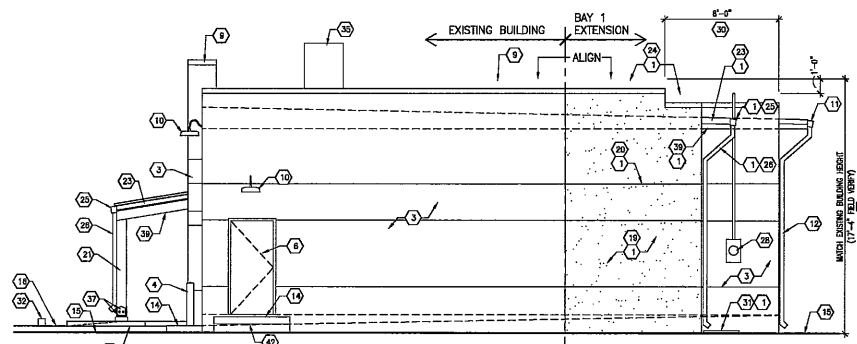
A-201

GENERAL NOTES

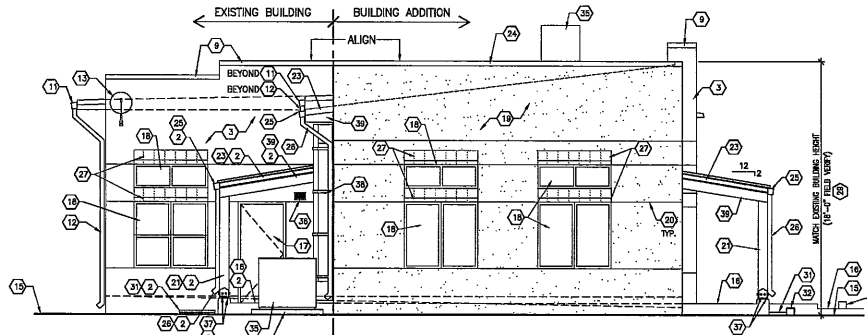
A. NOT ALL KEYED NOTES MAY APPLY ON THIS SHEET.

KEYED NOTES

1. ADDITIVE ALTERNATE #1: EXTENDED BAY 1.
2. ADDITIVE ALTERNATE #2: NEW PORTAL.
3. ADDITIVE ALTERNATE #3: PREP/REPAIR EXISTING STUCCO TO MATCH NEW STUCCO. TYPICAL AT ALL EXISTING STUCCO.
4. EXISTING BOLLARD TO REMAIN.
5. EXISTING OVERHEAD DOOR TO REMAIN.
6. EXISTING DOOR AND FRAME TO REMAIN.
7. EXISTING WINDOW TO REMAIN, PAINT.
8. EXISTING METAL ROOF.
9. EXISTING METAL COPING TO REMAIN, PAINT.
10. EXISTING LIGHTING TO REMAIN, PAINT.
11. EXISTING METAL GUTTER TO REMAIN, PAINT.
12. EXISTING DOWNSPOUT TO REMAIN, PAINT.
13. EXISTING SATISFIED SIGN TO REMAIN.
14. EXISTING CONCRETE PAVING TO REMAIN.
15. EXISTING DRIVE.
16. NEW CONCRETE PAVING. SEE SITE PLAN.
17. NEW DOOR AND FRAME.
18. NEW GLASS AND FRAME.
19. NEW STUCCO SYSTEM.
20. NEW STUCCO CONTROL JOINT AS SHOWN. MATCH EXISTING CONTROL JOINT HEIGHTS WHERE NEW IS ADJACENT TO EXISTING.
21. NEW PORTAL WOOD POST. REFERENCE STRUCTURAL.
22. NEW METAL ROOF.
23. NEW METAL FLASHING.
24. NEW METAL COPING.
25. NEW METAL DUTTER.
26. NEW METAL DOWNSPOUT.
27. NEW PRE-MANUFACTURED WINDOW FINISHING.
28. EXISTING ELECTRICAL METER TO REMAIN.
29. PARAPET HEIGHT PROVIDED IS NOT TAKEN FROM FINISH FLOOR BUT FROM GRADE RATHER AS SHOWN ON ORIGINAL EXISTING ELEVATIONS DRAWINGS DATED MARCH 1990. FIELD VERIFY HEIGHTS AND MATCH/ALIGN NEW WITH EXISTING AS SHOWN.
30. FIELD VERIFY DIMENSIONS TO MATCH PARAPET STEP BEYOND.
31. NEW CONCRETE SPLASHBLOCK. SEE DETAIL BS/AS-301.
32. NEW PARKING BUMPER. SEE SITE PLAN.
33. NEW CONCRETE BAWP. SEE SITE PLAN.
34. SHOWN LINE INDICATES DOWNSPOUT TO BE DEMOLISHED UNDER ADDITIVE ALTERNATE #2 AND TO REMAIN AT BASE 3RD.
35. MECHANICAL UNIT. REFERENCE MECHANICAL.
36. BASE BID. LIGHT FIXTURE. SEE ELECTRICAL.
37. SMOKE OPS BASE AND BASE PLATE 10 SET ON 10 1/2"X10 1/2"X4" HIGH CONCRETE BASE. ORNAMENTAL WOOD TIES (CWT) 2X6 LARGED SUNSET FAIR POST BASE PLATE BY OZCO BUILDING PRODUCTS, (408) 818-7803 MAIN NUMBER, FEM NUMBER: 04861 (008-FPB-15).
38. EXISTING ELECTRICAL UP WALL INTO CEILING Cavity. REFERENCE SECTIONS C1/A-302 AND A1/A-312.
39. EXISTING ELECTRICAL UP WALL INTO CEILING Cavity. REFERENCE SECTIONS C1/A-302 AND A1/A-312.
40. EXISTING ELECTRICAL UP WALL INTO CEILING Cavity. REFERENCE SECTIONS C1/A-302 AND A1/A-312.
41. NEW STUCCO CONTROL JOINT.
42. EXISTING CONCRETE STEPS TO REMAIN.
43. 4" THICK CONCRETE PAD WITH TURNDOWN EDGE AT ALL EXPOSED SIDES. SEE DETAIL BS/AS-301.



B2 NORTH ELEVATION



A2 SOUTH ELEVATION



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ARCHITECT



CONSULTANT

PROJECT TITLE
SANTA FE COUNTY
MADRID
FIRE STATION

MADRID
NEW MEXICO

REVISIONS:

DATE DESCRIPTION

06/01/18 11/01/2018

JS JL

PROJECT NUMBER:

A18.04

DATE:

11/01/2018

SHEET TITLE:

EXTERIOR ELEVATIONS

SHEET NO.

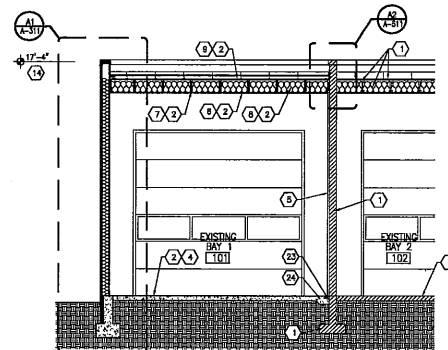
A-202

GENERAL NOTES

A. NOT ALL KEYED NOTES MAY APPLY ON THIS SHEET.

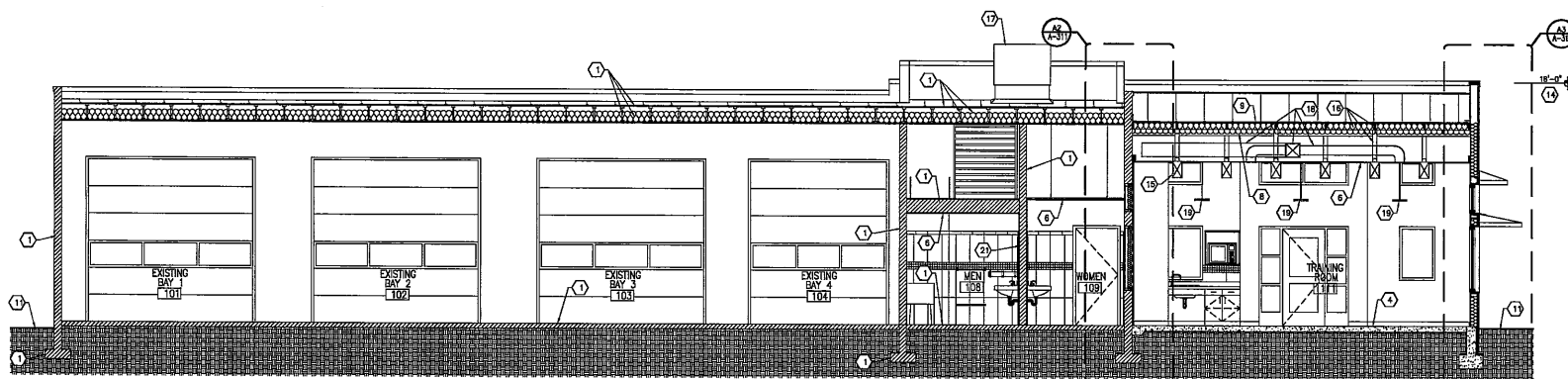
KEYED NOTES

1. EXISTING BUILDING TO REMAIN.
2. ADDITIVE ALTERNATE #1: EXTENDED BAY 1.
3. ADDITIVE ALTERNATE #2: NEW PORTAL.
4. NEW CONCRETE SLAB OVER COMPACTED SUBGRADE. SEE STRUCTURAL.
5. NEW INTERIOR WALL. SEE SHEETS A-101 AND A-801.
6. NEW CEILING AS SCHEDULED.
7. NEW FRAMING. SEE STRUCTURAL.
8. NEW R-38 BATT INSULATION.
9. NEW METAL ROOF SYSTEM ON ICE AND WATER SHIELD ON 1/2" OSB SHEETING. SEE STRUCTURAL.
10. NEW CONCRETE DRIVE PAD FOR TRUCK BAYS. SEE SITE PLAN.
11. SITE PAVING OR CONC. SEE SITE PLAN.
12. NEW LVL LINTEL. SEE STRUCTURAL.
13. REPAIRS EXISTING WALL.
14. PARAPET HEIGHT PROVIDED IS NOT TAKEN FROM FINISH FLOOR BUT GRADE BATHER AS SHOWN ON ORIGINAL EXTERIOR ELEVATIONS DRAWINGS DATED MARCH 1990. FIELD VERIFY HEIGHTS AND MATCH/ ALIGN NEW WITH EXISTING AS SHOWN ON EXTERIOR ELEVATIONS SHEETS A-201 AND A-202.
15. EXPOSED WOOD BEAM. SEE STRUCTURAL.
16. 2X WOOD BEAM AND POST FRAMED CEILING SPACE CAVITY FOR MECHANICAL/ELECTRICAL. SEE STRUCTURAL.
17. MECHANICAL UNIT. REFERENCE MECHANICAL.
18. MECHANICAL DUCTWORK. REFERENCE MECHANICAL.
19. LIGHT FIXTURE. REFERENCE ELECTRICAL.
20. EXTEND DUCTWORK UP WALL AND INTO CEILING CAVITY. ANCHOR DUCTWORK AS REQUIRED TO RESIST WIND.
21. EXISTING INTERIOR WALL TO REMAIN. PATCH AND REPAIR GYPSUM BOARD DUE TO DEMOLITION FOR PLUMBING WORK.
22. 4" THICK CONCRETE PAD WITH TURN DOWN EDGE AT ALL EXPOSED SIDES. REFERENCE DETAIL B2/AS-501.
23. JOIN FELL JOINT.
24. THICKENED SLAB. SEE STRUCTURAL.



C1 BUILDING SECTION - ADDITIVE ALTERNATE #1

0 2' 4'
SCALE 1/4" = 1'-0"



A1 BUILDING SECTION

0 2' 4'
SCALE 1/4" = 1'-0"



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CONSULTANT

PROJECT TITLE

**SANTA FE
COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

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PROJECT NUMBER:

A18.04

DATE:

11/01/2018

SHEET TITLE:

**BUILDING
SECTIONS**

SHEET NO.

A-301

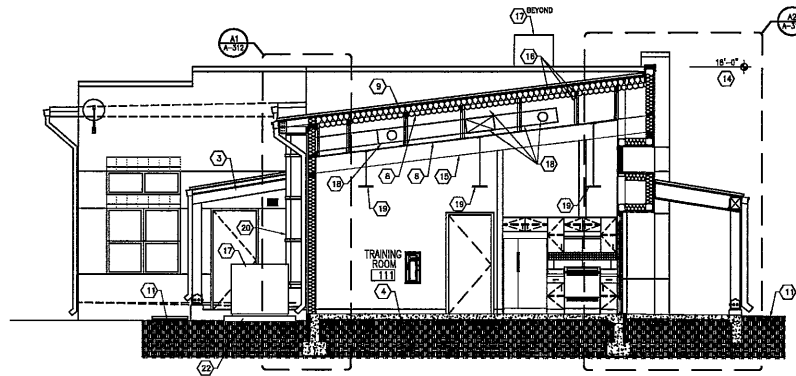
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GENERAL NOTES

A. NOT ALL KEYED NOTES MAY APPLY ON THIS SHEET.

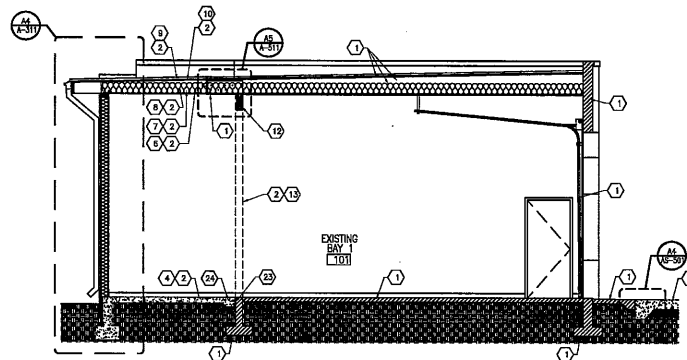
KEYED NOTES

1. EXISTING BUILDING TO REMAIN.
2. ADDITIVE ALTERNATE #1: EXTENDED BAY 1.
3. ADDITIVE ALTERNATE #2: NEW PORTAL.
4. NEW CONCRETE SLAB OVER COMPACTED SUBGRADE. SEE STRUCTURAL.
5. NEW INTERIOR WALL. SEE SHEETS A-101 AND A-801.
6. NEW CEILING AS SCHEDULED.
7. NEW FRAMING. SEE STRUCTURAL.
8. NEW R-30 BATT INSULATION.
9. NEW METAL ROOF SYSTEM ON ICE AND WATER SHIELD ON 1/2" OSB SHEATHING AS PER STRUCTURAL.
10. NEW CONCRETE DRIVE PAD FOR TRUCK BAYS. SEE SITE PLAN.
11. SITE PAVING OR GRADE. SEE SITE PLAN.
12. NEW LVL UNFILL. SEE STRUCTURAL.
13. REMOVE EXISTING WALL.
14. PARAPET HEIGHT PROVIDED IS NOT TAKEN FROM FINISH FLOOR BUT GRADE BATHER AS SHOWN ON ORIGINAL EXTERIOR ELEVATIONS DRAWINGS DATED MARCH 1990. FIELD VERIFY HEIGHTS AND MATCH/ ALIGN NEW WITH EXISTING AS SHOWN ON EXTERIOR ELEVATIONS SHEETS A-201 AND A-202.
15. EXPOSED WOOD BEAM. SEE STRUCTURAL.
16. 2X WOOD BEAM AND POST FRAMED CEILING SPACE CARRY FOR MECHANICAL/ ELECTRICAL. SEE STRUCTURAL.
17. MECHANICAL UNIT. REFERENCE MECHANICAL.
18. MECHANICAL ELECTRICAL. REFERENCE MECHANICAL.
19. LIGHT FIXTURE. REFERENCE ELECTRICAL.
20. EXTEND ELECTRICAL UP WALL AND INTO CEILING CAVITY. ANCHOR OUTWORK TO WALL AS RECOMMENDED BY MANUFACTURER. PREP OUTWORK AS REQUIRED TO RECEIVE PANEL.
21. EXISTING INTERIOR WALL TO REMAIN. PATCH AND REPAIR GYPSUM BOARD DUE TO DEMOLITION FOR PLUMBING WORK. REFERENCE DETAIL 82/AS-501.
22. 4" THICK CONCRETE PAD WITH TURN DOWN EDGE AT ALL EXPOSED SIDES.
23. 50# FELL JOINT.
24. THICKENED SLAB. SEE STRUCTURAL.



C1 BUILDING SECTION

0 2' 4' 8'
SCALE 1/4" = 1'-0"

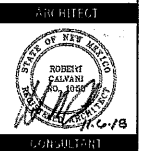


A1 BUILDING SECTION - ADDITIVE ALTERNATE #1

0 2' 4' 8'
SCALE 1/4" = 1'-0"



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PROJECT TITLE
**SANTA FE
COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS

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PROJECT NUMBER

A18.04

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11/01/2018

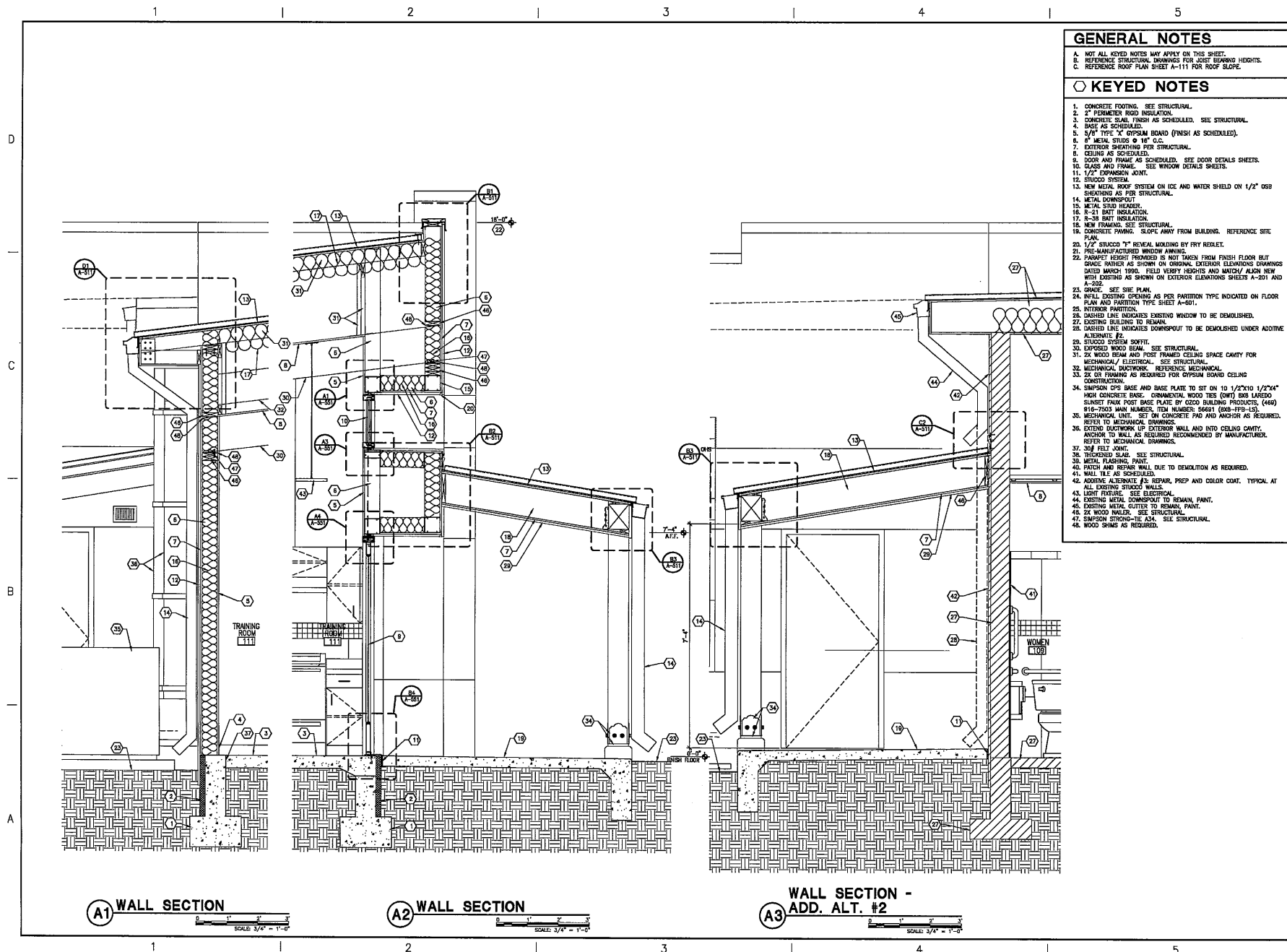
SHEET TITLE

BUILDING
SECTIONS

SHEET NO.

A-302

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CONSULTANT

PROJECT TITLE
**SANTA FE
COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

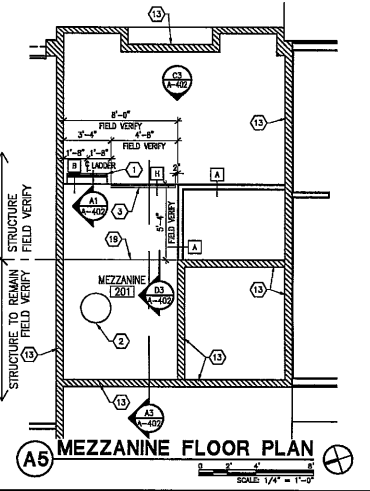
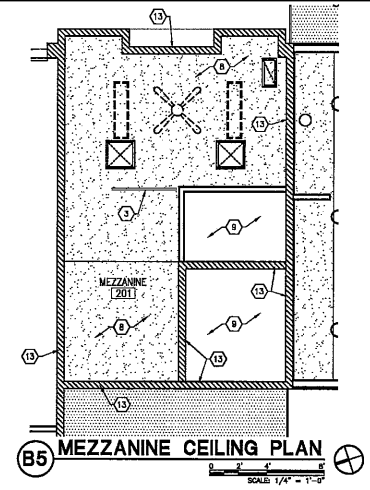
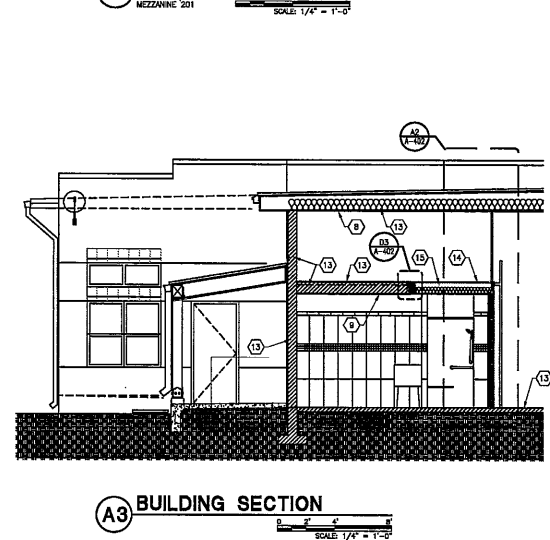
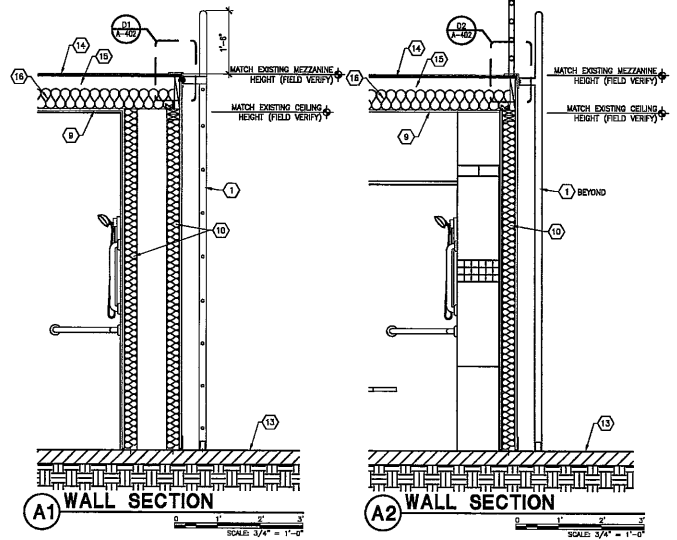
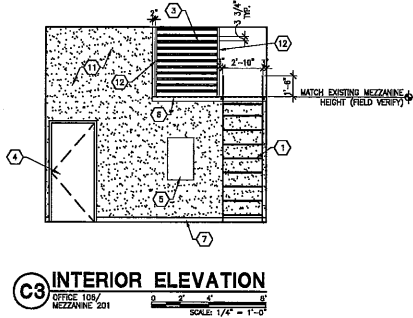
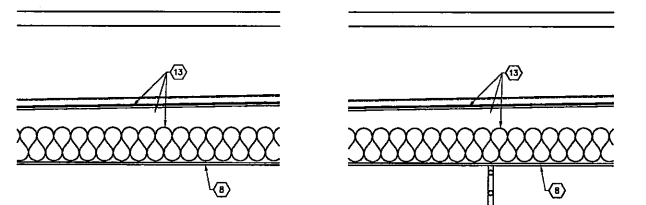
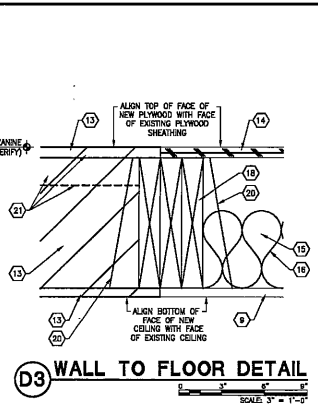
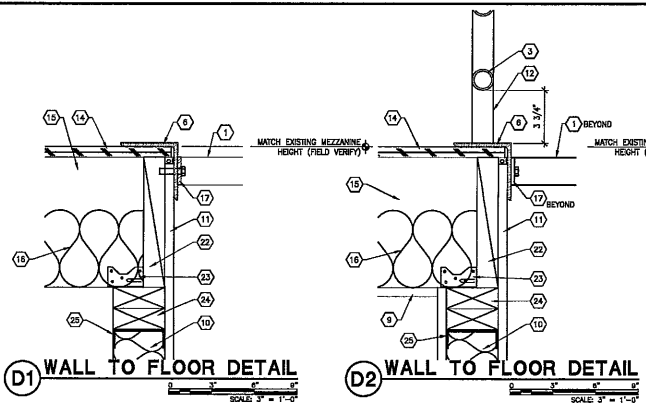
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WALL SECTIONS

SHEET NO.

A-312

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LEGEND	KEYED NOTES
EXISTING WALL TO REMAIN	1. MEZZANINE ACCESS LADDER. SEE DETAIL D3/A-211.
NEW EXTERIOR WALL	2. HOT WATER HEATER. REFERENCE PLUMBING DRAWINGS.
NEW INTERIOR WALL	3. 1 1/2" STEEL GUARDRAIL (HORIZONTAL MEMBERS WELD TO VERTICALS), PAINT, SEE INTERIOR ELEVATION.
	4. DOOR AND FRAME AS SCHEDULED.
	5. ELECTRICAL PANEL. SEE ELECTRICAL.
	6. 4"x6"x1/4" STEEL ANGLE, PAINT.
	7. RAKE AS SCHEDULED.
	8. EXISTING Gypsum BOARD CEILING TO REMAIN, REPAIR AND PAINT.
	9. CEILING BELOW. REFERENCE REFLECTED CEILING PLAN SHEET A-121.
	10. INTERIOR PARTITION. REFERENCE SHEET A-101.
	11. 5/8" TYPE 'X' GYPSUM BOARD (TAPE, BED, TEXTURE AND PAINT).
	12. 1/2" STEEL GUARDRAIL (VERTICAL MEMBERS WELD TO STEEL ANGLE AT FLOOR AND SECURE TO EXISTING STRUCTURE ABOVE), PAINT, SEE INTERIOR ELEVATION.
	13. EXISTING BUILDING STRUCTURE TO REMAIN.
	14. 5/4" PLYWOOD SHEATHING.
	15. NEW FRAMING. REFERENCE STRUCTURAL.
	16. 5 1/2" SQUARE ATTACHMENT PLANCHETS.
	17. LADDER ATTACHMENT (2-1/2" X 3/4" BENT PLATE WELD TO STEEL ANGLE, PAINT).
	18. REFERENCE STRUCTURE FOR NEW FRAMING CONNECTION TO EXISTING.
	19. LINE INDICATES EXTENT OF EXISTING MEZZANINE TO REMAIN. FIELD VERIFY LOCATION.
	20. SIMPSON HANGER. SEE STRUCTURAL.
	21. FIELD VERIFY EXISTING FRAMING HEIGHT. NEW TO MATCH EXISTING. IF EXISTING FRAMING HEIGHT DOES NOT MEET MINIMUM HEIGHT REQUIRED AS PER STRUCTURAL DRAWINGS, ADD ADDITIONAL FRAMING AND/OR SHEATHING AS REQUIRED FOR TOP OF BREAKING (NEW AND EXISTING) TO ALIGN. ADD AT TOP SO THAT MOST TOILET ROOM CEILING HEIGHT DOES NOT LOWER.
	22. 2X10 BLU. (MATCH EXISTING - SEE KEYED NOTE 21 AND STRUCTURAL).
	23. SIMPSON STRONG-TIE. SEE STRUCTURAL.
	24. 2X4 DOUBLE TOP PLATE. SEE STRUCTURAL.
	25. METAL STUD TRACK. SEE STRUCTURAL.

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NO. 1051
12/1/88

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PROJECT TITLE

SANTA FE COUNTY MADRID FIRE STATION

MADRID NEW MEXICO

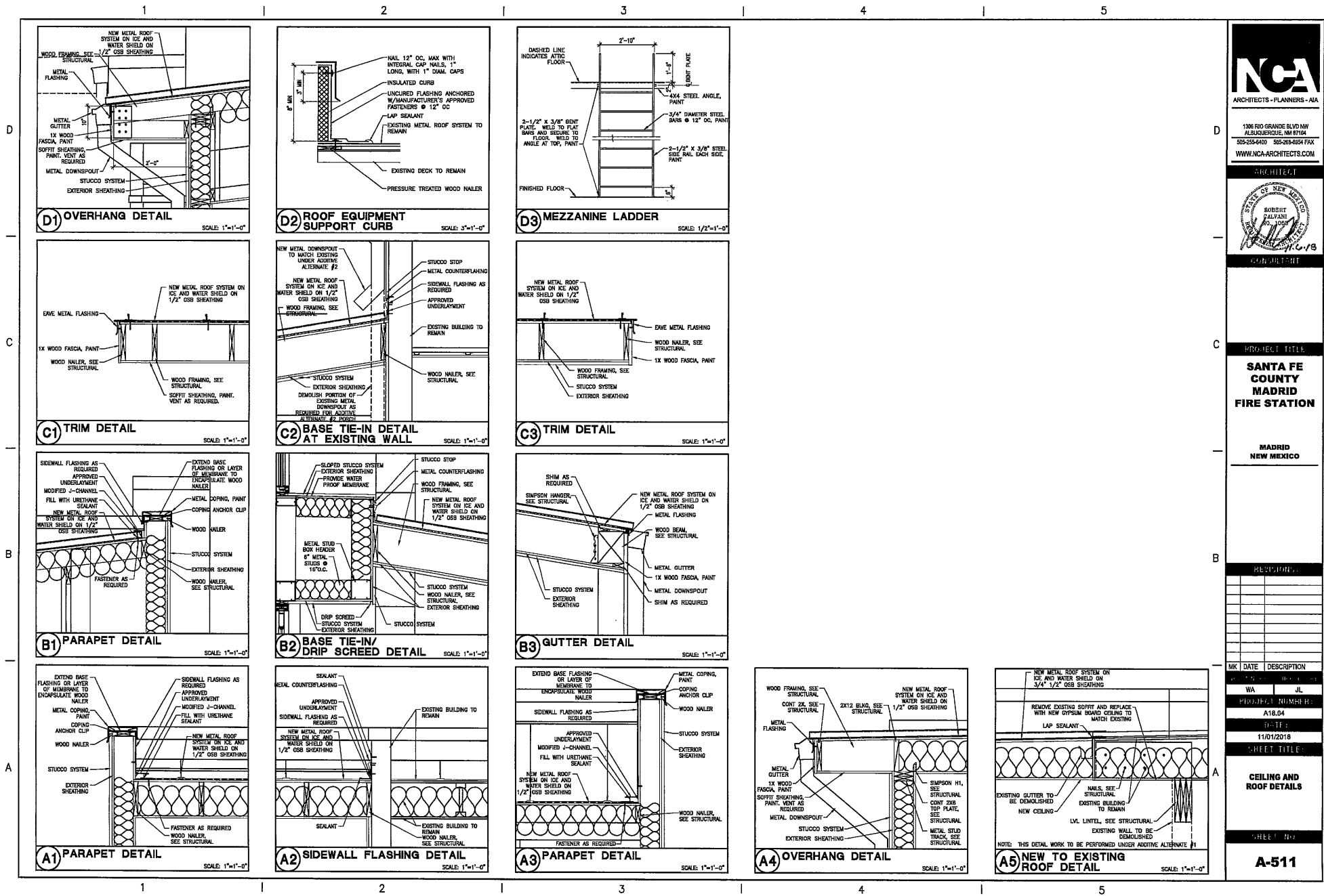
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MEZZANINE FLOOR PLAN, SECTIONS, AND INTERIOR ELEVATION

SHEET NO.

A-402



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STATE OF NEW MEXICO
ROBERT DALLMAN
NO. 1055
10.0.19
COR. ALLIANCE

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**SANTA FE COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

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NO.	DATE	DESCRIPTION
1	WA	JL
PROJECT NUMBER: A15.04		
DATE: 11/01/2018		
SHEET TITLE: CEILING AND ROOF DETAILS		
SHEET NO. A-511		

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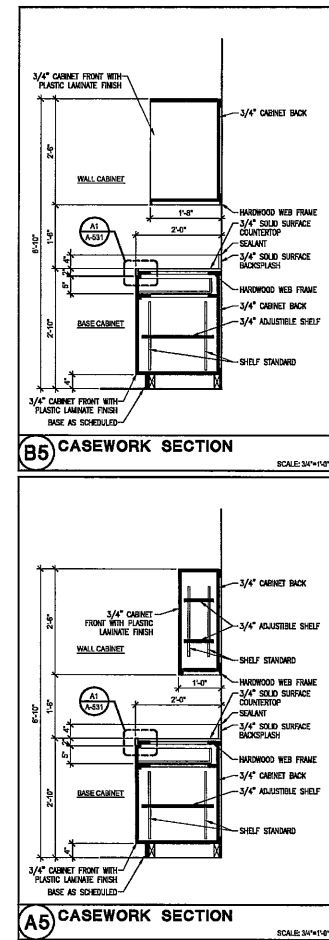
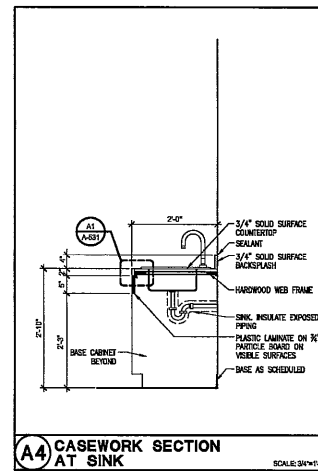
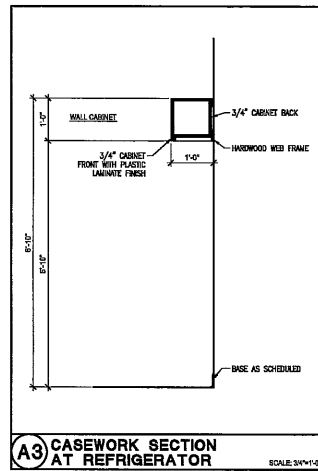
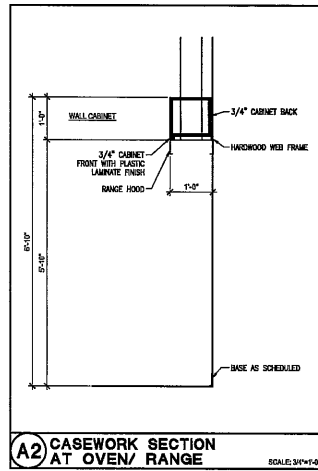
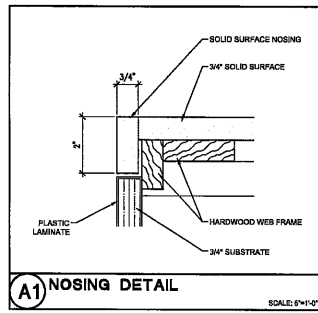
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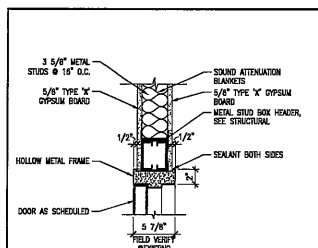
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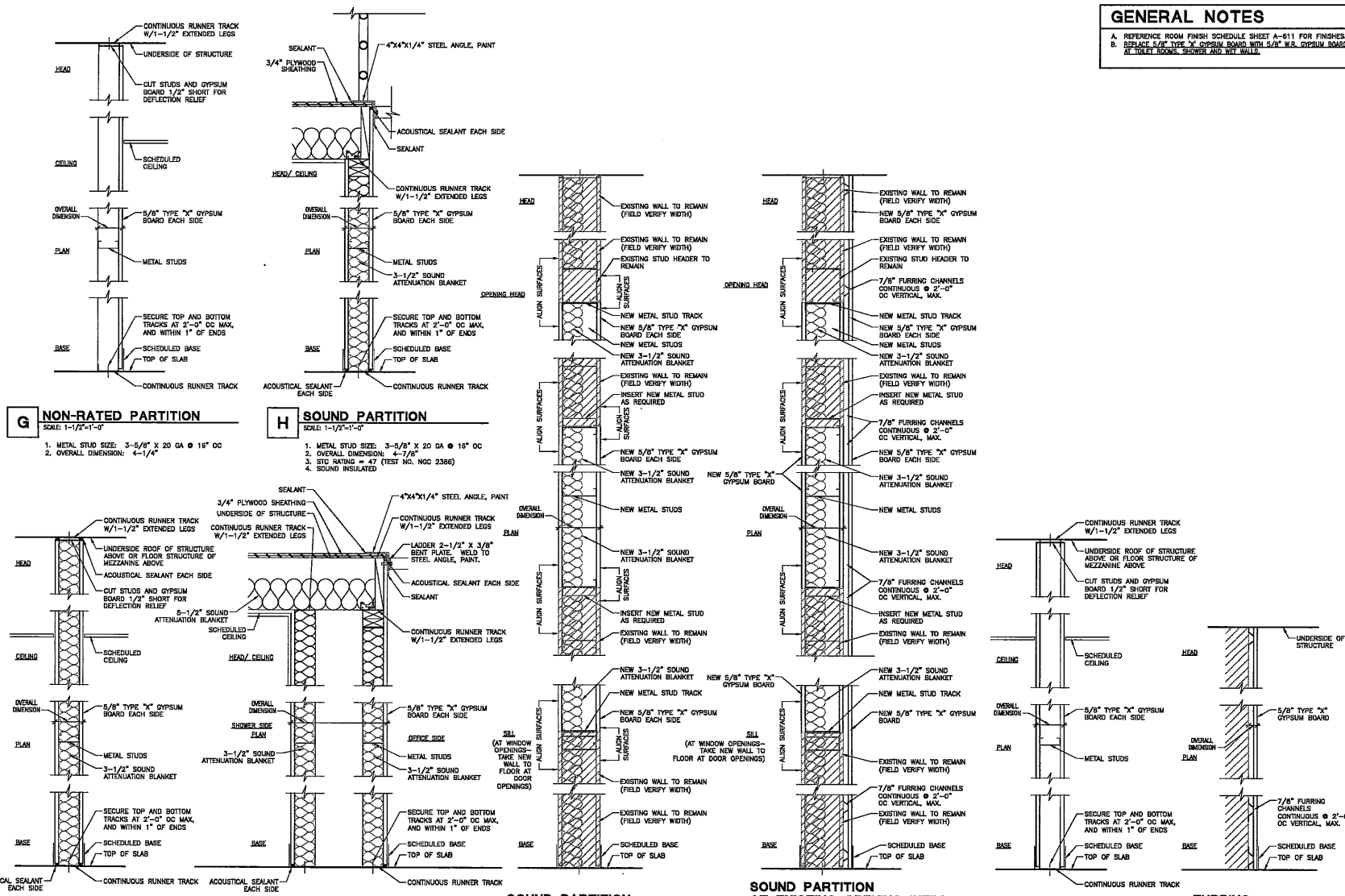
CASEWORK DETAILS

SHEET NO.:

A-531



GENERAL NOTES
A. REFERENCE ROOM FINISH SCHEDULE SHEET A-611 FOR FINISHES.
B. REPLACE 5/8" TYPE "X" GYPSUM BOARD WITH 5/8" M.S. GYPSUM BOARD AT TOILET ROOMS, SHOWER AND WET WALLS.



G NON-RATED PARTITION
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC
2. OVERALL DIMENSION: 4-1/4"

H SOUND PARTITION
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC
2. OVERALL DIMENSION: 4-7/8"
3. STC RATING = 47 (TEST NO. NCG 2386)
4. SOUND INSULATED

A SOUND PARTITION
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC
2. OVERALL DIMENSION: 4-7/8"
3. STC RATING = 47 (TEST NO. NCG 2386)
4. SOUND INSULATED

B SOUND PARTITION
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC
2. OVERALL DIMENSION: 7-3/4"
3. STC RATING = 47 (TEST NO. NCG 2386)
4. SOUND INSULATED

C SOUND PARTITION AT EXISTING OPENING INFILL
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC (FIELD VERIFY METAL STUD SIZE TO BE AS REQUIRED FOR BOTH SIDES TO ALIGN WITH ADJACENT SURFACES)
2. OVERALL DIMENSION: 7-1/4" (FIELD VERIFY)
3. STC RATING = 47 (TEST NO. NCG 2386)
4. SOUND INSULATED

D SOUND PARTITION AT EXISTING OPENING INFILL AND FURRING
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC (FIELD VERIFY METAL STUD SIZE TO BE AS REQUIRED FOR BOTH SIDES TO ALIGN WITH ADJACENT SURFACES)
2. OVERALL DIMENSION: 7-1/4" (FIELD VERIFY)
3. STC RATING = 47 (TEST NO. NCG 2386)
4. SOUND INSULATED

E NON-RATED PARTITION
SCALE: 1-1/2"=1'-0"
1. METAL STUD SIZE: 3-5/8" X 20 GA @ 16" OC
2. OVERALL DIMENSION: 4-7/8"

F FURRING ON EXISTING WALL
SCALE: 1-1/2"=1'-0"
1. METAL CHANNEL SIZE: 7/8" X 20 GA @ 16" OC
2. OVERALL DIMENSION: 1-1/2"

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ROBERT CALVART
NO. 10553
REGISTERED ARCHITECT

CONSULTANT

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01	11/01/2018	SUBMIT FOR PERMIT
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WA	JL

PROJECT NUMBER:
A18.04

DATE:
11/01/2018

SHEET TITLE:
PARTITION TYPES

SHEET NO:
A-601

GENERAL NOTES

- A. REFERENCE CEILING PLANS FOR CEILING HEIGHTS.
B. MATCH EXISTING WALL AND CEILING TEXTURES AT NEW ADJACENT TO EXISTING TO REMAIN.



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**MADRID
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REVISIONS:

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PROJECT NUMBER:

A18.04

DATE:

11/01/2018

SHEET TITLE:

**ROOM FINISH
SCHEDULE**

SHEET NO.

A-611

ROOM FINISH SCHEDULE

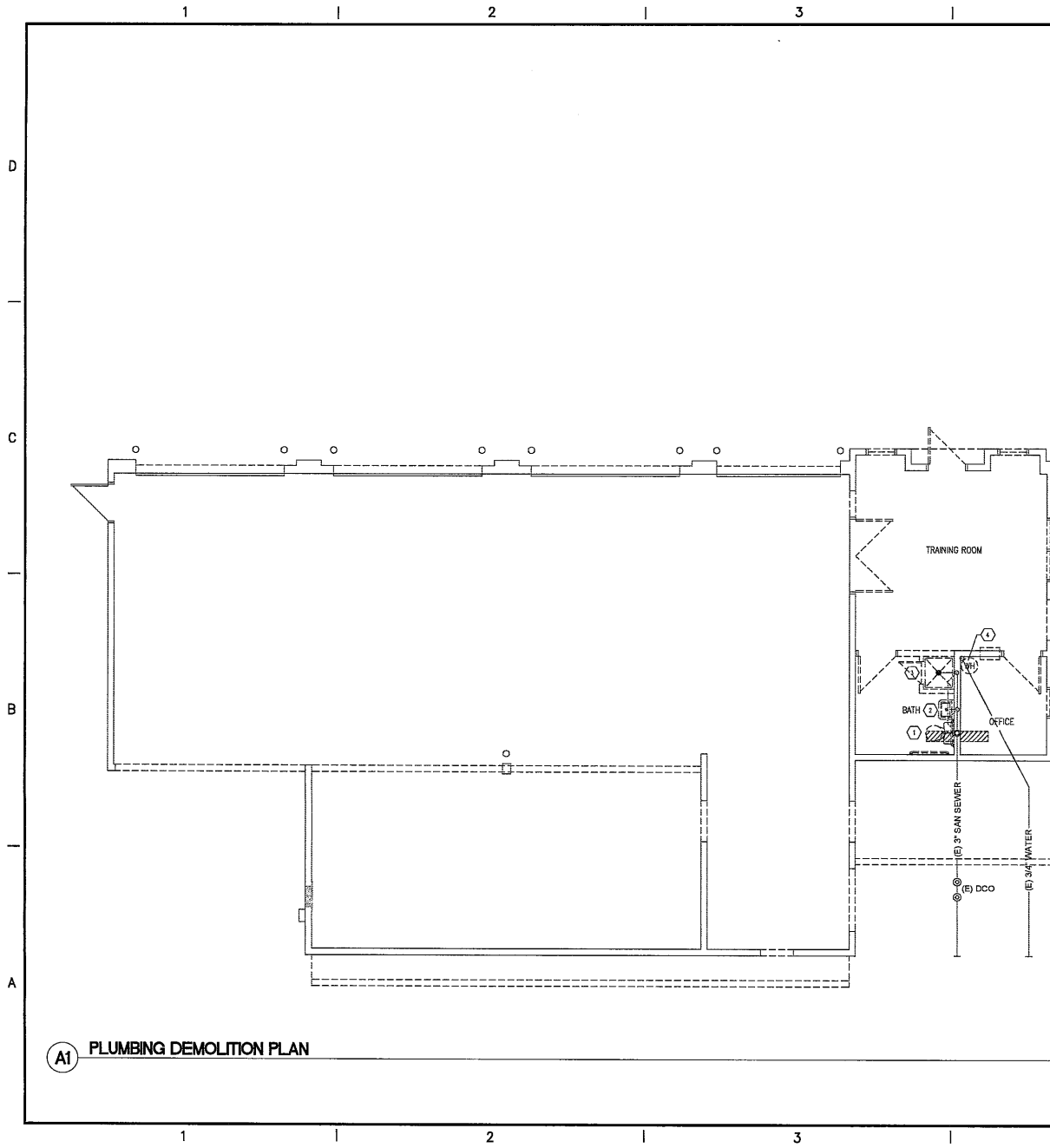
RM. NO.	ROOM NAME	FLOOR	BASE	WALLS				CLG	REMARKS
				N	E	S	W		
101	EXISTING BAY 1	F1	B1/W3	W1/W3	W1	*W3	*W3	C1/PC2	*MATCH NEW WALL, BASE AND CEILING @ ALTERNATE #1 EXTENSION TO EXISTING WALL, BASE AND CEILING TO REMAIN.
102	EXISTING BAY 2	F1	B1	W1	W1	—	W1	C1	
103	EXISTING BAY 3	F1	B1	—	W1	W1	W1	C1	
104	EXISTING BAY 4	F1	B1/W3	W1	W1	W1/W3	*W3	C1	*MATCH NEW WALL, BASE AND CEILING TO EXISTING WALL, BASE AND CEILING TO REMAIN.
105	EXERCISE ROOM	F1	B1/W3	W1	W3	W1	W1	C1	
106	OFFICE	F3	B3	W1/W3	W1	W1/W3	W3	C1	*MATCH NEW WALL, BASE AND CEILING TO EXISTING WALL, BASE AND CEILING TO REMAIN.
107	HALL	F2	B3	W3	W3	W1	W1	C2	*MATCH NEW WALL, BASE AND CEILING TO EXISTING WALL, BASE AND CEILING TO REMAIN.
108	MEN	F2	B2	W2/W1	W2/W3	W2/W1	W2/W1	C1/PC2	*MATCH NEW WALL, BASE AND CEILING TO EXISTING WALL, BASE AND CEILING TO REMAIN.
109	WOMEN	F2	B2	W2/W1	W2/W1	W2/W1	W2/W1	C2	
110	KITCHENETTE	F4	B3	W3/W4	W3/W4	—	—	C3	
111	TRAINING ROOM	F4	B3	W3	W3	W3	W3	C3	
201	MEZZANINE	F5	B4	W1	—	W1/W3	W1	C1	

ROOM FINISH SCHEDULE

MARK	DESCRIPTION
FLOOR FINISH	
F1	EXISTING TO REMAIN
F2	PORCELAIN TILE - 12 X 12 AF04 BROWN AFFINITY BY DALTILE
F3	LUXURY VINYL TILE (LVT)
F4	NEW EXPOSED POLISHED STAINED CONCRETE, SEAL
F5	EXPOSED 3/4" PLYWOOD SHEATHING
BASE	
B1	EXISTING TO REMAIN
B2	PORCELAIN WALL TILE - SEE W2
B3	4" VINYL BASE
B4	NO BASE
WALL	
W1	EXISTING TO REMAIN, REPAIR AND PAINT
W2	PORCELAIN WALL TILE - 12 X 24 GRAY AF03 AFFINITY BY DALTILE WITH 2 X 2 BROWN AF04 MOSAIC ACCENT BY DALTILE AND 3 X 10 BROWN AF04 BULLNOSE BY DALTILE. SEE INTERIOR ELEVATIONS.
W3	PAINTED GYPSUM BOARD (TAPE, BED, TEXTURE AND PAINT)
W4	PORCELAIN WALL TILE AT COUNTER BACKSPLASHES - 12 X 24 GRAY AF03 AFFINITY BY DALTILE WITH 2 X 2 BROWN AF04 MOSAIC ACCENT BY DALTILE. SEE INTERIOR ELEVATIONS.
CEILING (REFERENCE REFLECTED CEILING PLAN SHEET A-121 FOR CEILING HEIGHTS)	
C1	EXISTING TO REMAIN, REPAIR AND PAINT
C2	PAINTED GYPSUM BOARD (TAPE, BED, TEXTURE AND PAINT)
C3	PAINTED GYPSUM BOARD (TAPE, BED, TEXTURE AND PAINT) WITH EXPOSED WOOD BEAMS, STAIN AND SEAL



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GENERAL DEMOLITION NOTES

- A DEMOLITION WORK IS GENERALIZED AS TO THE OVERALL INTENT OF THE DEMOLITION PHASE OF WORK IN PREPARING FOR NEW CONSTRUCTION. GENERAL CONTRACTOR AND PLUMBING CONTRACTOR ARE RESPONSIBLE FOR DETERMINING THE TOTAL EXTENT OF THE DEMOLITION OF PLUMBING FIXTURES, TRIM, SUPPORT DEVICES, PIPING, ETC.
- B DEMOLISHED MATERIALS, REFUSE, ETC. SHALL BE DISPOSED PER LOCAL AND STATE REGULATIONS.
- C OWNER HAS THE FIRST RIGHT OF REFUSAL AND MAY CHOOSE TO SALVAGE CERTAIN ITEMS INTACT DURING DEMOLITION. CONTRACTOR SHALL COORDINATE THRU GENERAL CONTRACTOR AND OWNERS REPRESENTATIVE.
- D CONTRACTOR SHALL COORDINATE WITH GENERAL FOR ALL CUTTING, REMOVAL, REPLACEMENT AND PATCHING OF ALL CONCRETE SLAB, FLOORS, CEILING, AND WALL WORK REQUIRED FOR PLUMBING WORK LOCATED IN AREAS FOR REFURISHMENT DURING DEMOLITION AND NEW CONSTRUCTION TO SUPPORT THE PLUMBING WORK. REPLACEMENT AND PATCHING SHALL MATCH EXISTING CONSTRUCTION FINISH.

KEYED NOTES

- 1 EXISTING WATER CLOSET TO BE DISCONNECTED AND REMOVED ENTIRELY. EXISTING WASTE AND VENT PIPING TO BE MODIFIED TO ACCOMMODATE NEW WC FIXTURES. EXISTING 2" VTR TO REMAIN FOR NEW VENT CONNECTION. EXISTING CW BE REMOVED ENTIRELY. FIELD VERIFY SIZES AND LOCATIONS.
- 2 EXISTING LAVATORY AND TRIM TO BE DISCONNECTED AND REMOVED ENTIRELY. EXISTING WASTE, VENT, CW, AND HW PIPING IN WALL TO BE REMOVED ENTIRELY. FIELD VERIFY SIZES AND LOCATIONS.
- 3 EXISTING SHOWER AND TRIM TO BE DISCONNECTED AND REMOVED ENTIRELY. EXISTING WASTE AND VENT PIPING IN WALL TO BE MODIFIED TO ACCOMMODATE ACCOMMODATE NEW LAVATORY FIXTURES. EXISTING CW AND HW PIPING TO BE REMOVED ENTIRELY. FIELD VERIFY SIZES AND LOCATIONS.
- 4 EXISTING WATER HEATER LOCATED ON MEZZANINE TO BE DISCONNECTED AND REMOVED ENTIRELY, INCLUDING ALL WATER PIPING, T&P RELIEF, DRAINS, ETC. FIELD VERIFY SIZES AND LOCATIONS.



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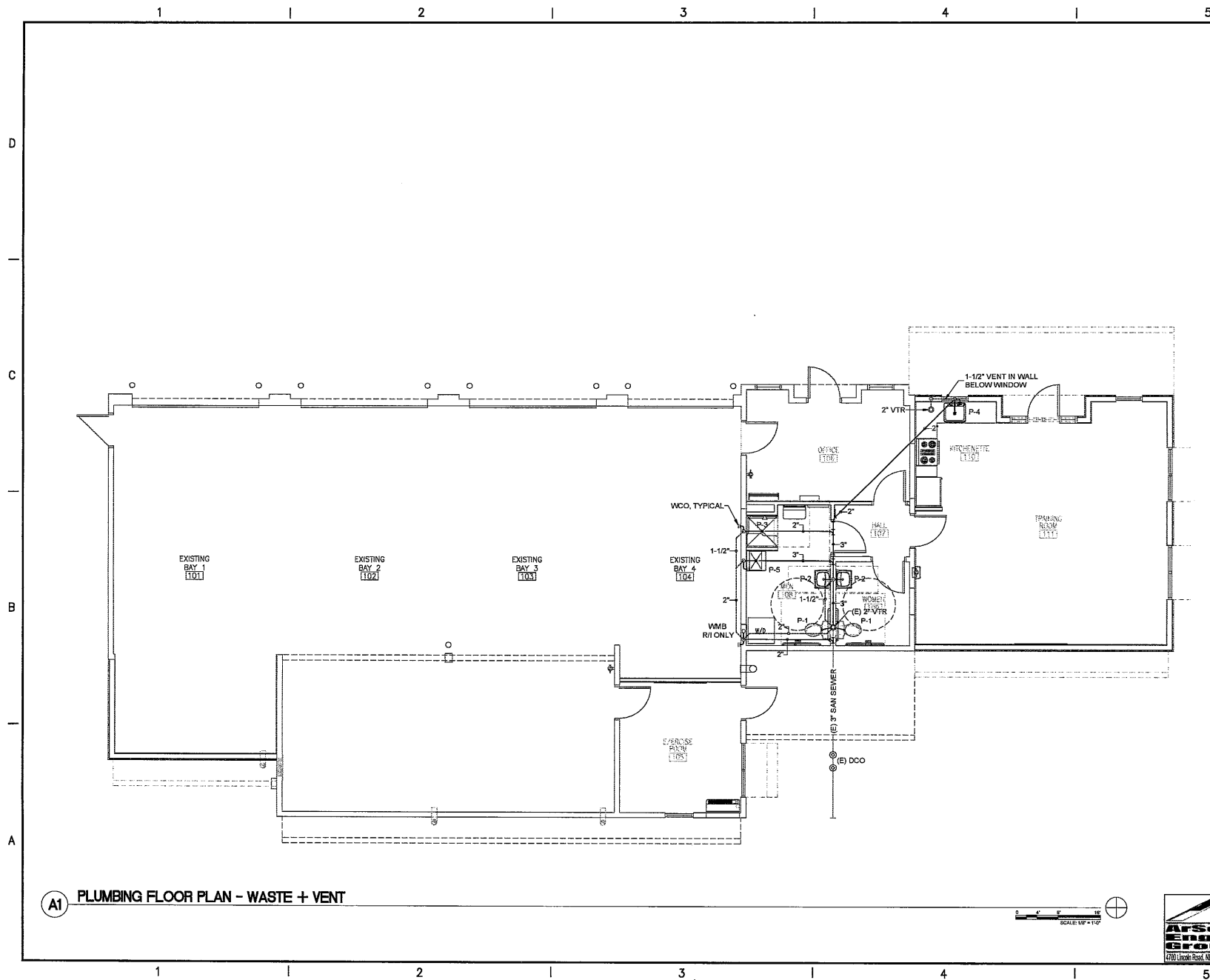
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2	11/01/2018	PROJECT NUMBER:
3	11/01/2018	DATE:
4	11/01/2018	SHEET TITLE:
5	11/01/2018	PLUMBING DEMOLITION PLAN
6	11/01/2018	SHEET NO.

PLUMBING DEMOLITION PLAN

SHEET NO.

PD101





A1 PLUMBING FLOOR PLAN - WASTE + VENT

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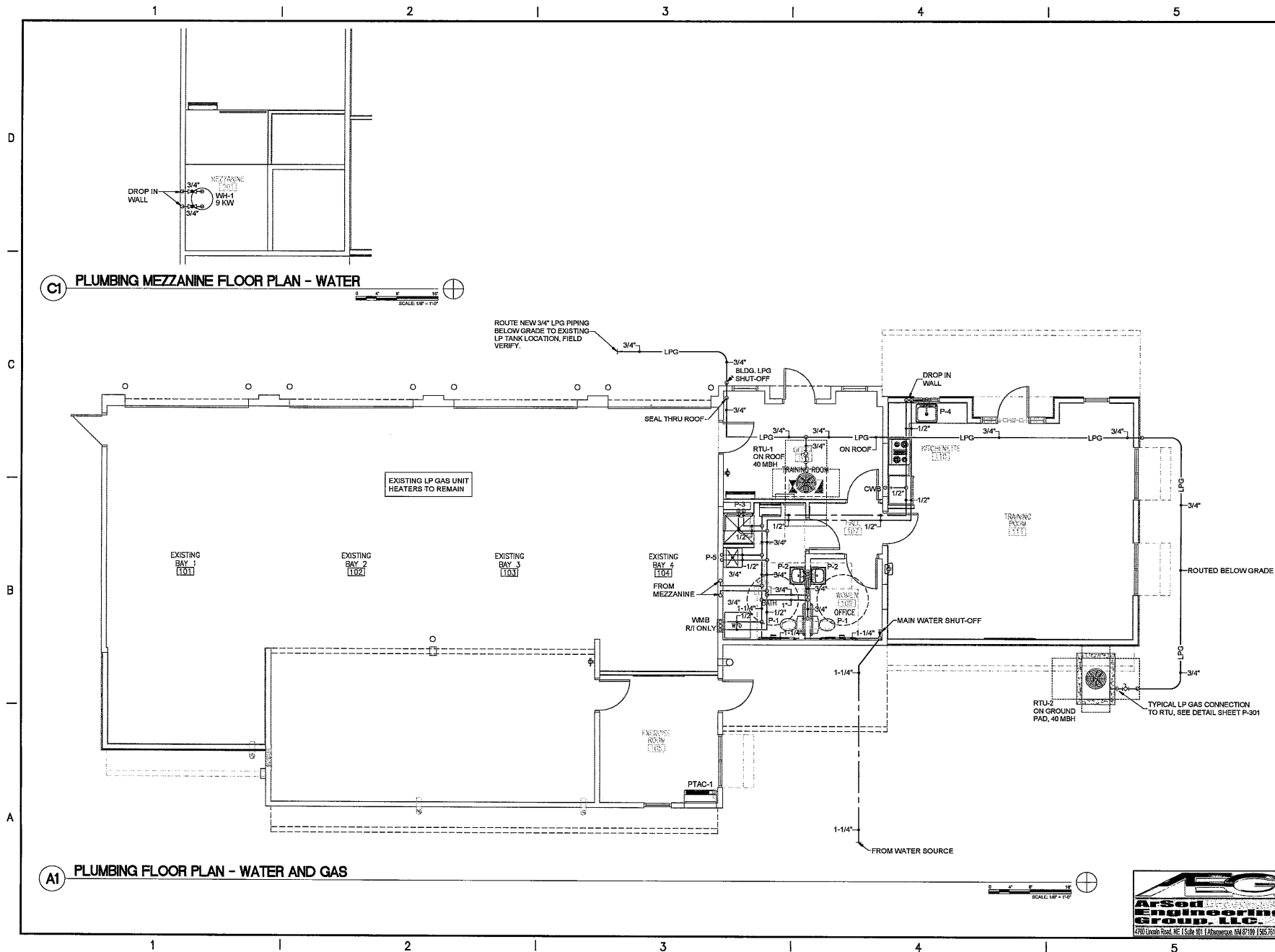
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1	11/01/18	PROJECT NUMBER: A18.04
2	11/01/2018	DATE:
3	11/01/2018	SHEET TITLE:

**PLUMBING
FLOOR PLAN
WASTE & VENT**

SHEET NO

P-101



C1 PLUMBING MEZZANINE FLOOR PLAN - WATER

A1 PLUMBING FLOOR PLAN - WATER AND GAS



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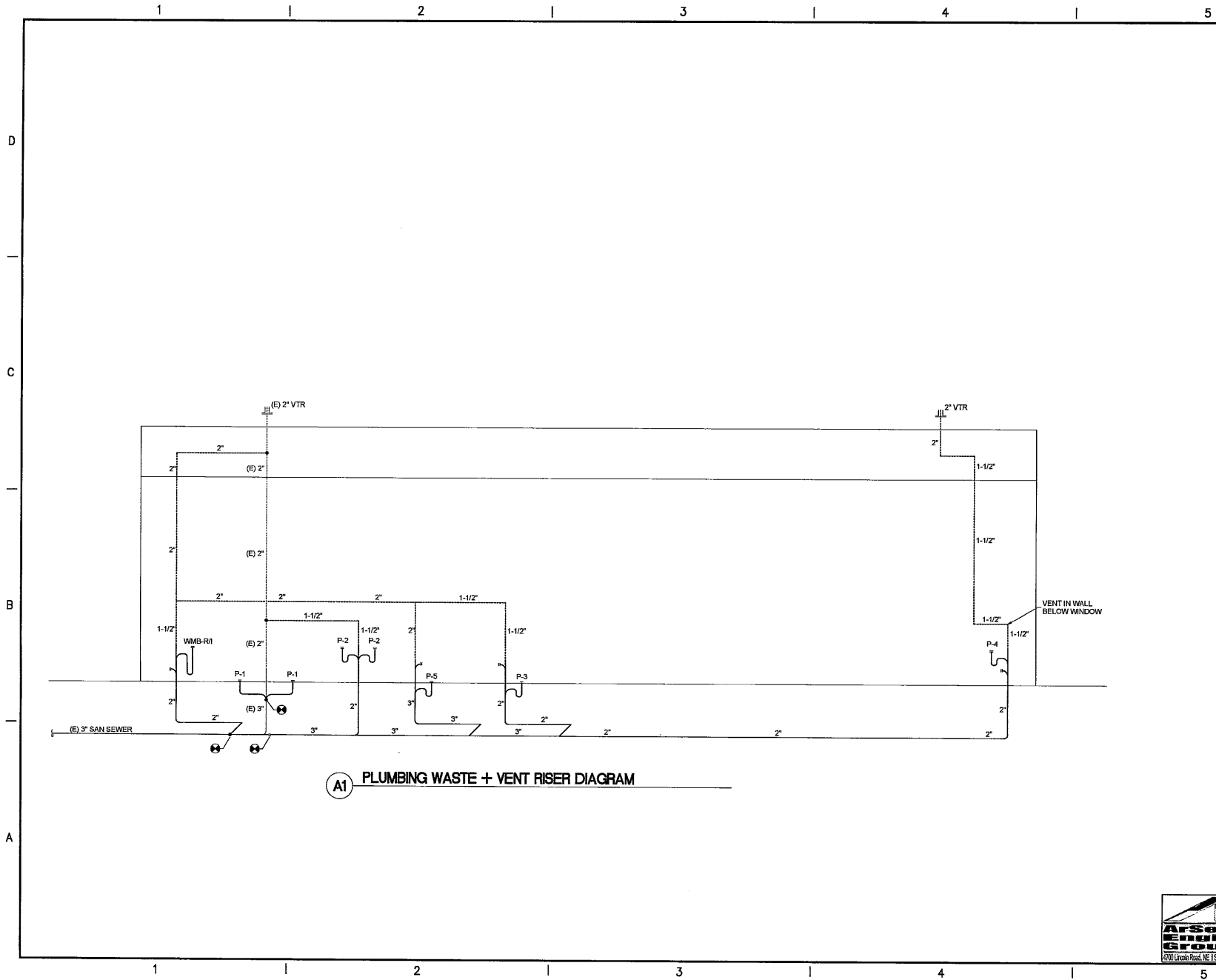
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A18.04

DATE:
11/01/2018

SHEET TITLE:
**PLUMBING
FLOOR PLAN
WATER & GAS**

SHEET NO:
P-102



(A1) PLUMBING WASTE + VENT RISER DIAGRAM



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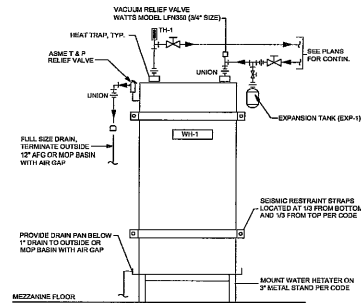
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DATE:
11/01/2018

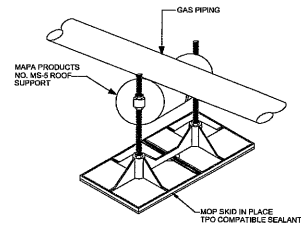
SHEET TITLE:
PLUMBING WASTE & VENT RISER DIAGRAM

SHEET NO.:
P-201

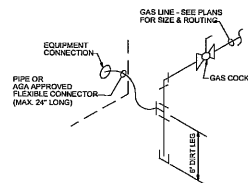


SCHEDULE	
SYMBOL	DESCRIPTION
TH-1	THERMOMETER, WEISS "VARIABLE", 1" CASE, 5-1/2" ELEMENT BEHAVES ROOSTER WITH IMMERSED WELL, 30"-300" F SCALE RANGE FOR HEATED WATER.

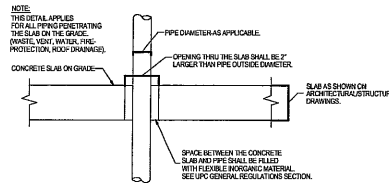
DOMESTIC WATER HEATER DETAIL
NOT TO SCALE (SEE PLANS FOR PIPE ROUTING & SIZES)



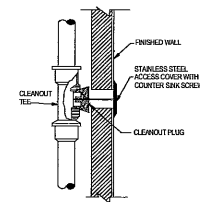
GAS PIPING ROOF SUPPORT
NOT TO SCALE



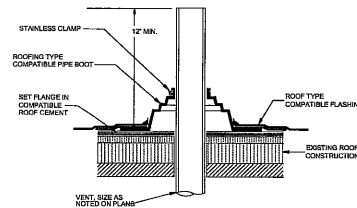
TYP. GAS CONNECTION
NOT TO SCALE



SLAB ON GRADE PENETRATION DETAIL
NOT TO SCALE



WALL CLEANOUT DETAIL
NOT TO SCALE



VENT THRU ROOF DETAIL
NOT TO SCALE



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PLUMBING
DETAILS

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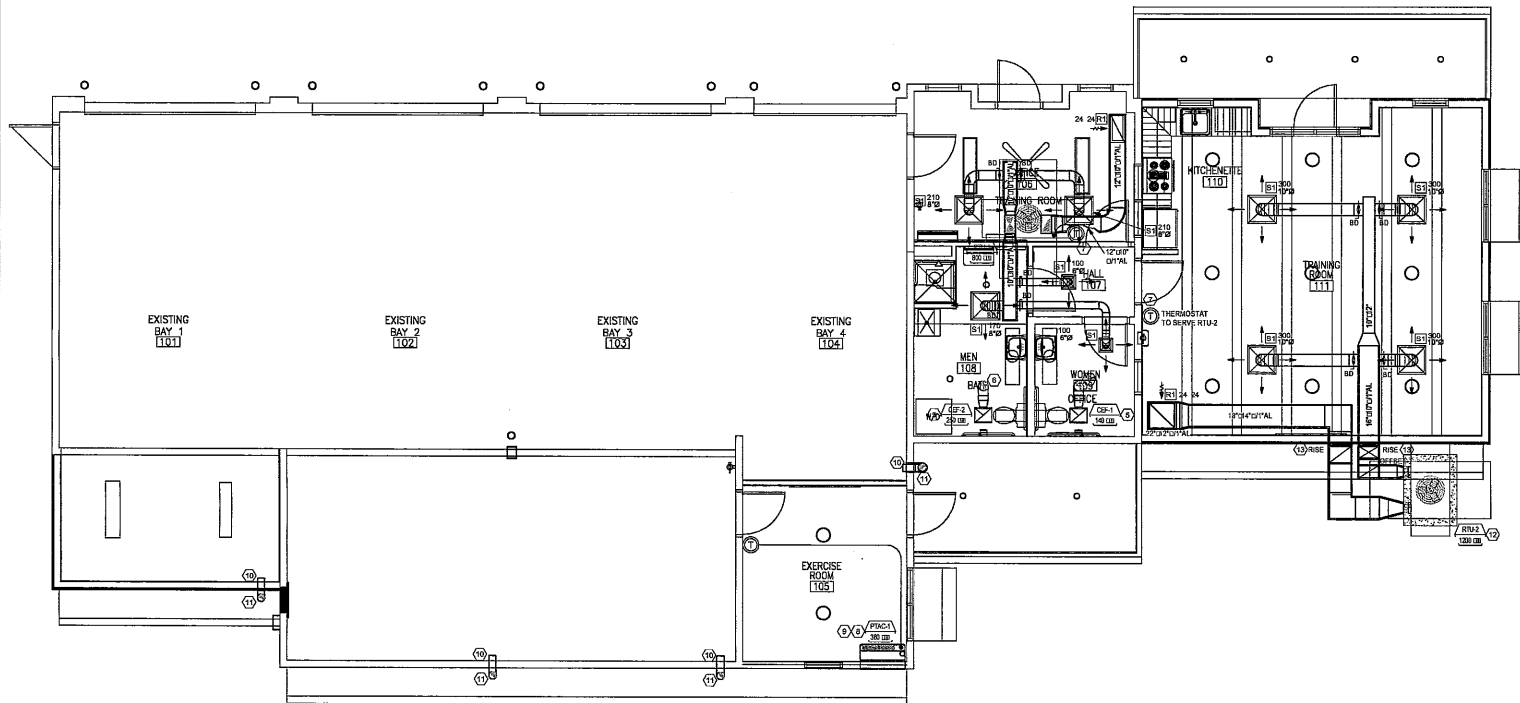
P-301

NEW GENERAL NOTES:

- THESE DRAWINGS REFLECT INFORMATION GATHERED BY SITE INSPECTION AND PREVIOUS CONSTRUCTION PERMITS. IF POSSIBLE, THE EXACT LOCATION OF DUCTWORK AND EQUIPMENT MAY BE DIFFERENT FROM LOCATIONS SHOWN ON THE DRAWINGS. PRIOR TO BEGINNING THE CONTRACTOR SHALL MAKE SITE VISIT TO REVIEW BUILDING CONDITIONS AND REQUIREMENTS.
- COORDINATE THE LOCATION OF ROOF PENETRATIONS WITH ROOF STRUCTURE.
- ALL ROOF PENETRATIONS SHALL BE FLASHED AND COUNTER FLASHED AS REQUIRED TO BE WATER TIGHT.
- PRIME INSPECTOR'S OPINION (SHOULD BE IN WRITING).
- VERIFY EQUIPMENT CONFIGURATION REQUIREMENTS BEFORE INSTALLATION. DUCT CONNECTIONS SHALL BE MADE AS REQUIRED.
- GAUGES OF DUCT WORK SHALL BE FOR MANUFACTURER'S RECOMMENDATIONS.
- DUCTS SHALL BE INSTALLED AT ABOVE FINISH FLOOR LEVEL.
- WIRING OF SMOKE DETECTORS BY ELECTRICAL CONTRACTOR.
- ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- ALL EXPOSED DUCTWORK TO BE PAINT GRIP STEEL COLOR TO BE SPECIFIED BY ARCHITECT.
- ALL THROUGH ROOF PENETRATIONS SHALL BE SEALED WATER TIGHT, FLASH AND COUNTER FLASH. SMOKE DEVELOPED DURING WORK SHALL BE LESS THAN 20. THEREFOR, PLENUM RATED TO ALLOW FOR PLENUM RETURN AIR FLOW IN COMPLIANCE WITH 90.2.

NEW KEYED NOTES:

- APPROXIMATE LOCATION OF NEW ROOF TOP UNIT LOCATED ON ROOF. UNIT TO BE SET LEVEL AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE FACTORY FURNISHED ROOF CURB.
- FULL SIZE SUPPLY DUCT ROUTED FROM ROOF TOP UNIT TO CEILING SPACE BELOW. SIZE AND ROUTE AS INDICATED ON DRAWING. PENETRATION THROUGH ROOF TO BE SEALED WATER TIGHT, FLASH AND COUNTER FLASH.
- FULL SIZE RETURN AIR DUCT ROUTED FROM ROOF TOP UNIT TO CEILING SPACE BELOW. SIZE AND ROUTE AS INDICATED ON DRAWING. PENETRATION THROUGH ROOF TO BE SEALED WATER TIGHT, FLASH AND COUNTER FLASH.
- PROVIDE FULL SIZE 2" TRAP ON CONDENSATE DRAIN CONNECTION OF ROOF TOP UNIT. DRAIN TO BE ROUTED TO AND DROPPED INTO ROOF DRAIN OR ROOF SCOURING PITCHED AND BLOCKED OFF SYSTEM FOR CONDENSATE DRAINLINE, PLACED AT 8" ON CENTER.
- APPROXIMATE LOCATION OF NEW CEILING EXHAUST FAN LOCATED ON CEILING. UNIT TO BE SET LEVEL AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- ROUTE NEW PLENUM DUCT UP THROUGH RAFT TO FACTORY FURNISHED RAFT JACK. PENETRATION THROUGH ROOF TO BE SEALED WATER TIGHT, FLASH AND COUNTER FLASH.
- PROVIDE NEW THERMOSTAT LOCATED AT 4" ABOVE FINISH FLOOR. PROVIDE CLEAR PLASTIC LOOKING COVER.
- APPROXIMATE LOCATION OF NEW PTAC UNIT TO BE SET LEVEL AND INSTALLED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS. PENETRATION THROUGH WALL TO BE SEALED WATER TIGHT.
- 3/4" CONDENSATE DRAIN TO BE ROUTED TO PLASH BLOCK OUTSIDE.
- PROVIDE NEOPRENE GASKET OR CONNECT TO TRUCK MUFFLER. SIZE TO BE CONFIRMED.
- 4" EXPOSED DUCTWORK DUCT TO EXTEND THROUGH BUILDING WALL TO EXHAUST AT EXTERIOR LOCATION. PROVIDE BRICK/CEMENT.
- APPROXIMATE LOCATION OF NEW ROOF TOP UNIT LOCATED ON GRADE. UNIT TO BE SET LEVEL AND INSTALLED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS. PROVIDE 4" TRAP HOUSEKEEPING FAN WITH FOOT FIRST IF GREATER THAN EQUIPMENT.
- 12" X 12" SUPPLY DUCT TO BE EXPOSED ON SIDE OF BUILDING TO CEILING SPACE. PENETRATION INTO BUILDING TO BE SEALED WATER TIGHT.
- 12" X 12" 90° EL RETURN AIR DUCT TO BE EXPOSED ON SIDE OF BUILDING TO CEILING SPACE. PENETRATION INTO BUILDING TO BE SEALED WATER TIGHT.



A1 MECHANICAL HVAC FLOOR PLAN



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PROJECT TITLE
**SANTA FE COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/01/2018	ISSUED FOR PERMIT

DATE DESCRIPTION

JJS PS

PROJECT NUMBER

A18.04

DATE

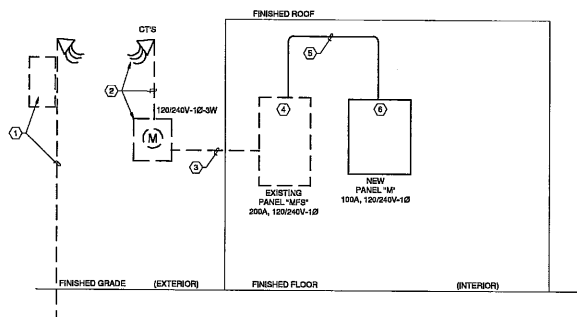
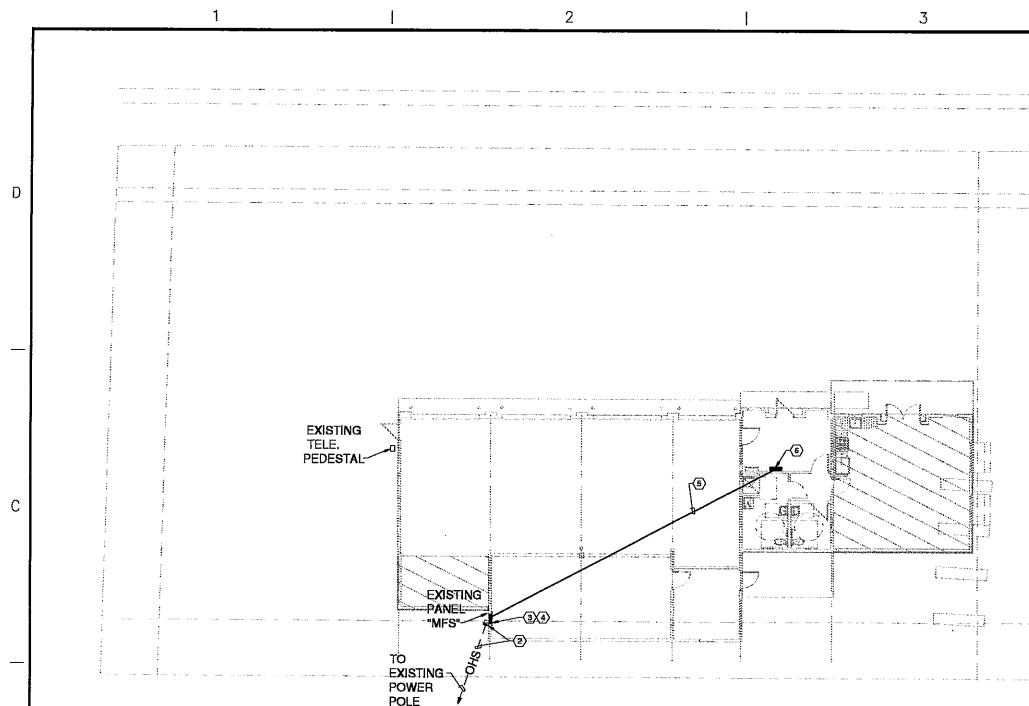
11/01/2018

SHEET TITLE:

MECHANICAL HVAC FLOOR PLAN

SHEET NO.

M-101

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PANEL SCHED GENERAL NOTES

- A. ALL 120/240V BRANCH CIRCUIT PANELS WITH BOLT ON CIRCUIT BREAKER CONSTRUCTION SHALL BE SQ "D" OQ, SIMILAR AND EQUAL.
- B. ALL 120/240V PANEL BOARDS SHALL HAVE MINIMUM 10KVA RATING, UNLESS OTHERWISE NOTED.
- C. ALL PANEL BOARDS SHALL HAVE COPPER BUS, BOLT-IN BREAKERS, AND DOOR-IN-DOOR CONSTRUCTION. ALL SURFACE PANELS IN THE FINISHED AREAS SHALL BE PROVIDED WITH SKIRTS FLOOR-TO-CEILING (FIELD EJECT DIMENSIONED) AND ELSEWHERE AS NOTED ON THE PLANS.
- D. ALL PANEL BOARDS SHALL HAVE TYPED CIRCUIT DIRECTORIES, PLACED BEHIND CLEAR PLASTIC PROTECTIVE COVER. DESIGNATIONS ON DIRECTORY SHALL BE MORE DESCRIPTIVE THAN AS SHOWN ON THE DIRECTORIES ON BLACK BOARD. "SPACED" AND "SPACES" SHALL BE INDICATED ON DIRECTORY WITH ERASABLE PENCIL (NOT TYPED).
- F. ALL PANEL BOARDS SHALL BE PROVIDED WITH NAMEPLATES SECURED TO EQUIPMENT WITH SELF-TAPPING STEEL SCREWS. NAMEPLATES SHALL BE LAMINATED PLASTIC WITH ENGRAVED 1/2" WHITE LETTERS ON BLACK BACKGROUND. "SPACED" SHALL INDICATE PANEL DESIGNATION, VOLTAGE, PHASE, AND AMPACITY AND LOCATION OF OVER CURRENT PROTECTIVE DEVICE FEEDING PANEL.
- G. ALL PANEL BOARDS SHALL BE PROVIDED WITH GROUND BUS/GROUND STRIP MOUNTED ON A CLEAN SURFACE OF THE PANEL BOARD. THE GROUND CONDUCTOR SHALL BE PROVIDED TO THE PANEL BOARD GROUND BUS FROM THE GROUND SYSTEM IN THE SERVICE ENTRANCE SECTION OF DISTRIBUTION SECTION.
- H. ALL PANEL BOARDS SHALL HAVE FACTORY FURNISHED CIRCUIT BREAKER NUMBERING. PUNCHED TAPE OR MARKING WILL NOT BE PERMITTED. BRANCH CIRCUIT BREAKER NUMBER ON CIRCUIT BREAKER SHALL MATCH NUMBERING AS SHOWN ON THE PLANS.
- J. ALL BRANCH CIRCUIT CONDUCTORS EXTENDING FROM PANEL BOARDS TO RESPECTIVE DEVICES SHALL BE COLOR CODED AND SHALL BE INSTALLED CONTINUOUS IN EACH RUN AND SHALL HAVE A TAG IDENTIFYING THE BRANCH CIRCUIT NUMBERS LOCATED AT ALL JUNCTION BOXES. THE COLOR CODE SCHEME SHALL BE AS FOLLOWS:
 - 1) FOR 120/240V: PHASE A - BLACK, PHASE B - RED, NEUTRAL - WHITE, EQUIPMENT GROUND - GREEN.
- K. ALL CONDUCTORS IN PANEL BOARDS SHALL BE NEATLY INSTALLED AND TIE-WAPPED WITHIN PANEL BOARDS.

⬡ SHEET KEYNOTES

1. EXISTING POWER POLE AND POLE MOUNTED TRANSFORMER TO REMAIN. NO WORK SHOWN FOR REFERENCE ONLY.
2. EXISTING WEATHERHEAD/SSER TO 120/240V-10 METER ON BUILDING. 3-#50 THWN IN 2". NO WORK, SHOWN FOR REFERENCE ONLY.
3. EXISTING FEEDER TO EXISTING 200A, 120/240V-10-3W PANEL TO REMAIN. RENAME PANEL TO "MIS". SHOWN FOR REFERENCE ONLY.
4. EXISTING PANEL "MIS" TO REMAIN (MADRID FIRE STATION). SHOWN FOR REFERENCE.
5. ROUTE 3 #3 THWN IN & 1 #6 CU. GRD. IN 1.25" C. IN CEILING SPACE.
6. PROVIDE NEW PANEL. SEE PANEL SCHEDULE.

LOAD SUMMARY -- 120/240V - 1PH - 3W

LOAD	CONNECTED LOAD	DEMAND LOAD
LIGHTING LOAD	4.9 KW	5.5 KW
RECEPTACLE LOAD	33.5 KW	26.7 KW
HVAC LOAD	8.0 KW	8.0 KW
TOTAL	45.5 KW	40.2 KW = 160 AMPERES

THE EXISTING 200A SERVICE IS ADEQUATELY RATED FOR THE PROPOSED NEW DEMAND LOAD

SHORT CIRCUIT CALCULATIONS

ASSUME 75 KVA PAD MOUNT TRANSFORMER WITH 2%Z. MAXIMUM LET THROUGH SHORT CIRCUIT CURRENT AT THE SECONDARY TERMINALS OF THE POLE MOUNT TRANSFORMER = 8,422 AMPERES. MAXIMUM CALCULATED FAULT CURRENT AT NEW PANEL "M" = 8,145A. NEW PANEL "M" SHALL BE PROVIDED WITH MINIMUM 10KAIR CIRCUIT BREAKERS.



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PROJECT TITLE

**SANTA FE
COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

MIK	DATE	DESCRIPTION
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DRAWN BY: CHECKED BY:

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AGE	101
PROJECT NUMBER:	

A18.11

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DATE: 03/25/00

9/25/18

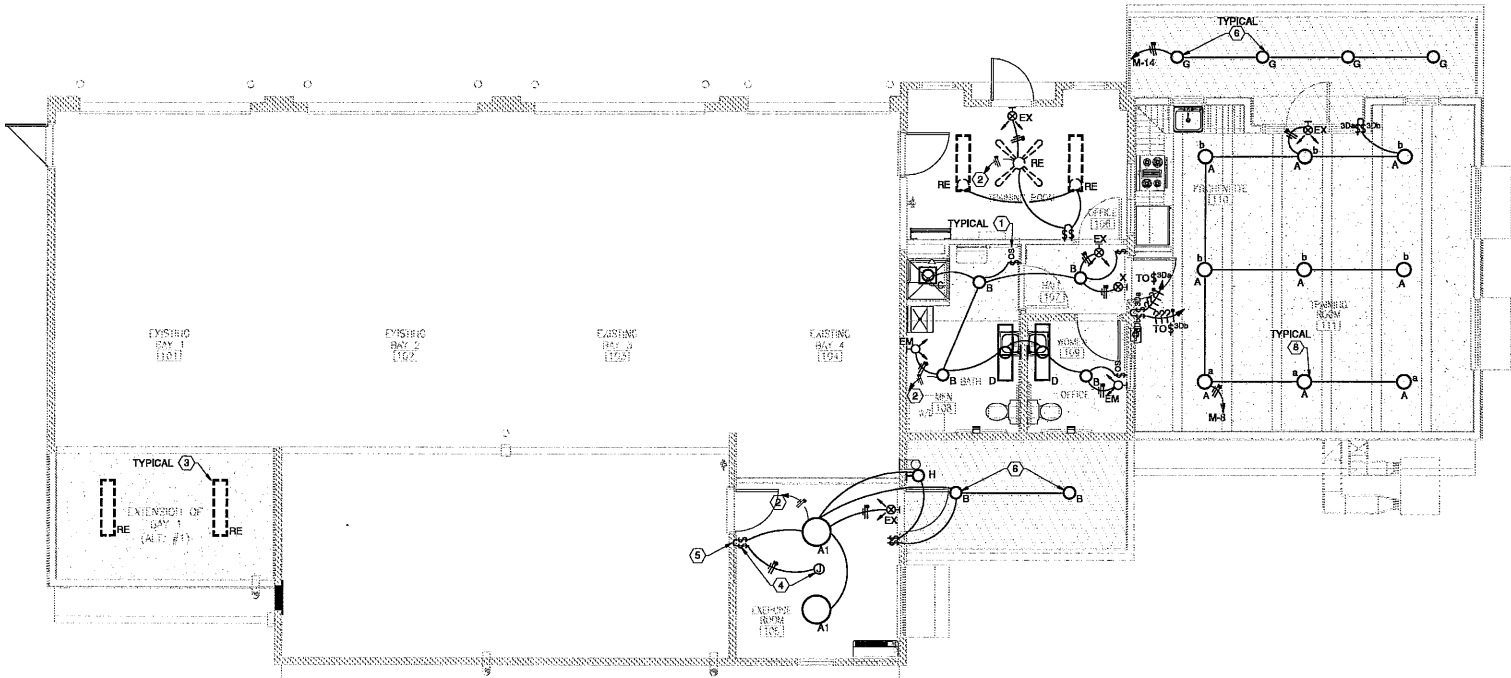
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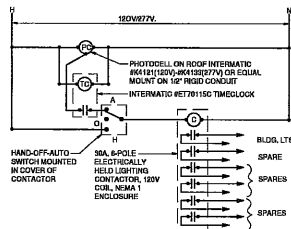


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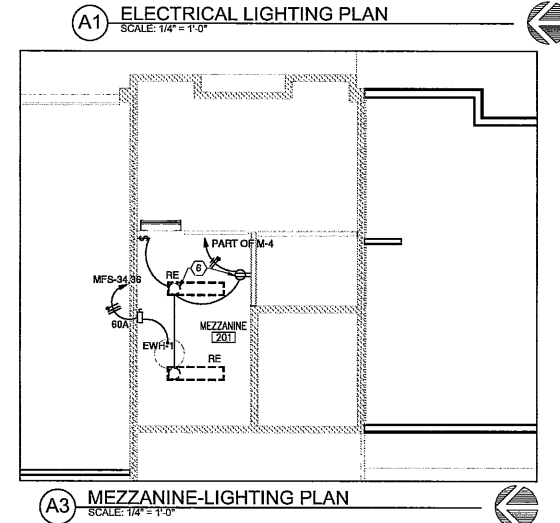


LIGHTING POWER BUDGET
INTERNATIONAL ENERGY CONSERVATION CODE - TENANT AREA
TABLE 505.5.2
INTERIOR LIGHTING POWER

TENANT AREA	PERMISSIBLE WATTS/SQ. FT.	AREA	WATTS PERMISSIBLE	WATTS CONNECTED
FIRE STATION	1.0 WATTS/SQ. FT.	1,338 SQ. FT.	1,338 WATTS	622 WATTS
				.46 W/SQ. FT. PASSES



- GENERAL SHEET NOTES**
- EMERGENCY LIGHT FIXTURES SHALL BE MOUNTED MAXIMUM 8'-0" AFF. AND CONNECTED TO A NON-SWITCHED CIRCUIT.
 - ALL DEVICE PLATES SHALL BE PHENOLIC PLASTIC WHITE TYPE. ALL DEVICES SHALL BE WHITE IN COLOR.
 - COORDINATE THE EXACT LOCATIONS OF ALL CEILING MOUNTED LIGHT FIXTURES WITH THE ARCHITECTURAL REFLECTED CEILING PLANS.
 - ALL SWITCHES SHALL BE PROVIDED WITH PERMANENT LABELING IDENTIFYING PANEL AND BRANCH CIRCUIT CONNECTED TO.
 - ALL HOMERUNS OVER 100' TO BE MINIMUM 3/4" WITH MINIMUM #10 BRANCH CIRCUITS.
 - ALL EXTERIOR BUILDING MOUNTED LIGHT FIXTURES SHALL COMPLY WITH NEW MEXICO DARK SKIES ACT. REFER TO THE ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATION PRIOR TO ROUGHING OF FIXTURES IF APPLICABLE.
 - ALL LIGHTING BRANCH CIRCUITS SHALL BE MINIMUM #12 x 1/2" GROUND IN JFD UNLESS OTHER INDICATED.
 - COORDINATE ALL LIGHTING WITH MECHANICAL EQUIPMENT AND SUPPLY AND RETURN DUCTS.
 - COORDINATE ALL LOCATIONS, QUANTITY OF OCCUPANCY SENSOR SWITCHES WITH THE MANUFACTURER PRIOR TO ORDERING.
- SHEET KEYNOTES**
- FURNISH AND INSTALL PER TYPE OCCUPANCY SENSOR WALL SWITCH WITH DUAL RELAY FOR FAN CONTROL.
 - EXTEND AND CONNECT TO EXISTING BRANCH CIRCUIT AS REQUIRED.
 - RELOCATE EXISTING LIGHT FIXTURE AT THIS LOCATION FROM EXISTING UTILITY ROOM AND CONNECT TO EXISTING (GRAY) BRANCH CIRCUIT.
 - PROVIDE LEGRAND WIREMOLD SERIES 400 SWITCH BOX WITH BLANK COVER PLATE FOR FUTURE SWITCH AND IN CEILING FOR FUTURE CEILING FAN (NATED FOR WEIGHT SUPPORT) WITH LEGRAND WIREMOLD 400BAC-WH SERIES RACEWAY SYSTEM WITH PULL CORB AS INDICATED.
 - PROVIDE LEGRAND WIREMOLD SERIES 400BAC-WH WITH ALL ACCESSORIES FOR A COMPLETE AND WORKING INSTALLATION.
 - ADDITIVE ALTERNATE: COORDINATE WITH ARCHITECT, MOUNT IN SOFFIT OF CANOPY. PROVIDE ALL ACCESSORIES FOR A COMPLETE WORKING INSTALLATION.
 - TO CIRCUIT INDICATED VIA EXTERIOR LIGHTING CONTACTOR. SEE EXTERIOR LIGHTING CONTROL DIAGRAM.
 - BOTTOM OF LIGHT FIXTURE MOUNTING HEIGHT TO BE 8'-0". COORDINATE WITH ARCHITECT/OWNER.
 - RELOCATE LIGHT FIXTURE AND PROVIDE NEW RECEPTACLE IN MEZZ.



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**SANTA FE COUNTY
MADRID
FIRE STATION**

MADRID
NEW MEXICO

REVISIONS:

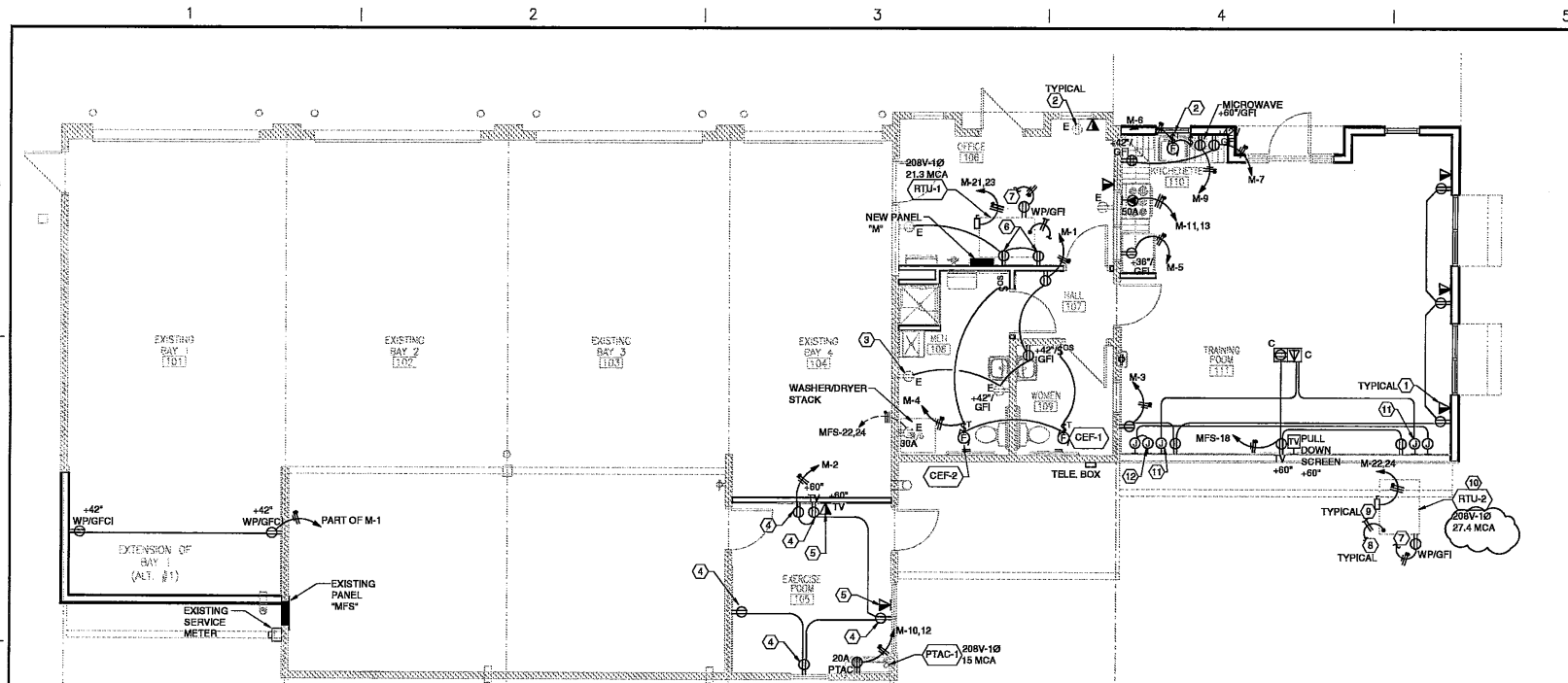
NO.	DATE	DESCRIPTION
1	11/07/18	ISSUED FOR PERMIT

DATE: 9/23/18

ELECTRICAL LIGHTING PLAN

SHEET NO: **EL-101**

A C ENGINEERING ENTERPRISES, LLC
120 Aliso Drive, SE
Albuquerque, New Mexico 87108
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POWER GENERAL SHEET NOTES

- ALL DEVICE PLATES SHALL BE PLASTIC PHENOLIC TYPE WHITE IN COLOR. ALL DEVICES SHALL BE WHITE IN COLOR.
- ALL RECEPTACLES SHALL BE PROVIDED WITH PERMANENT LABELING IDENTIFYING VOLTAGE AND BRANCH CIRCUIT CONNECTED TO.
- ALL OUTLETS TO BE MOUNTED IN CONFORMANCE WITH ADA RULES AND REGULATIONS.
- COORDINATE OUTLET HEIGHTS AND LOCATION WITH ARCHITECTURAL INTERIOR ELEVATIONS (CASEWORK, SINKS, LAVATORIES, ETC.)
- ALL DUPLEX OUTLETS LOCATED WITHIN 6' OF ALL SINKS, IN ALL RESTROOMS, IN ALL JANITOR CLOSETS, EXTERIOR OF BUILDING, ON THE ROOF AND, ELSEWHERE AS DICTATED BY NEC, SHALL BE 20A GFI TYPE.
- ALL HOMERUNS OVER 100' TO BE MINIMUM 3/4" C WITH MINIMUM #10 BRANCH CIRCUITS.
- ALL BRANCH CIRCUITS SHALL BE MINIMUM 20'12" x 10'12" GROUND IN 3" CONDUIT, UNLESS OTHERWISE INDICATED.
- COORDINATE ALL CORD AND PLUG NEMA CONFIGURATIONS WITH EQUIPMENT BEING INSTALLED PRIOR TO ROUGH-IN.

HVAC GENERAL SHEET NOTES

- COORDINATE ALL HVAC EQUIPMENT LOCATION, VOLTAGE, PHASE, AND MINIMUM CIRCUIT AMPS WITH THE MECHANICAL. TO AVOID CONFLICTS.
- PROVIDE PERMANENT LABELS ON ALL HVAC EQUIPMENT DISCONNECT SWITCHES INDICATING BRANCH CIRCUIT AND PANEL CONNECTED TO.
- PROVIDE STRANDED CONDUCTORS FOR ALL MECHANICAL EQUIPMENT FROM THE UNIT TO THE NEAREST TERMINATION POINT THAT IS VIBRATION FREE.
- PROVIDE WEATHER-TIGHT FLEXIBLE CONDUIT CONNECTION AT ALL HVAC EQUIPMENT.
- ALL CONTROL AND ALARM CABLES SHALL BE IN CONDUIT IN INACCESSIBLE AREAS, UNLESS NOTED OTHERWISE.
- MAINTAIN CLEARANCES IN FRONT OF DISCONNECT SWITCHES IN ACCORDANCE WITH N.E.C.
- ALL PENETRATIONS SHALL BE CALLED OUT WITH APPROVED MATERIAL TO MAINTAIN THE FIRE RATING OF WALLS, FLOORS AND ROOFS.
- ALL T-STATS PROVIDED BY MECHANICAL CONTRACTOR, ELECTRICAL CONTRACTOR TO FURNISH BOX, CONDUIT & PULLSTRING.

SHEET KEYNOTES

- PROVIDE 4" SQ. J-BOX WITH SINGLE MIDPLATE AND 3/4" C. WITH PULLSTRING UP WALL TO ABOVE CEILING SPACE AND EXTEND TO T-STAT LOCATION. COORDINATE LOCATION WITH OWNER AND FIELD VERIFY. PROVIDE PLASTIC BUSHING AT END OF CONDUIT.
- MOUNT GARBAGE DISPOSAL RECEPTACLE IN KITCHEN COUNTER AND PROVIDE 20A-1P TOGGLE SWITCH CONTROL. COORDINATE WITH ARCHITECT & PLUMBING.
- RABE BACKBOX UP 3/4" AND PROVIDE NEW RECEPTACLE. EXTEND TO EXISTING CIRCUIT AS PREVIOUSLY CONNECTED.
- WALL RECEPTACLES: PROVIDE LEGRAND WIREMOLD SERIES #400 WITH ALL ACCESSORIES FOR A COMPLETE AND WORKING INSTALLATION.
- PROVIDE LEGRAND WIREMOLD SERIES #400 WITH PULL STRING FOR DATA AND ROUTE TO ABOVE CEILING SPACE TO ENTRANCE END RITING. PROVIDE ALL ACCESSORIES FOR A COMPLETE AND WORKING INSTALLATION.
- CONNECT TO EXISTING CIRCUIT.
- CONNECT TO CLOSET 120V RECEPTACLE.
- 3/4" C. WITH PULL STRING TO 4" SQ. J-BOX WITH MIDPLATE AT T-STAT LOCATION. COORDINATE WITH MECHANICAL FOR EXACT LOCATION.
- PROVIDE 240V, 30A-2P-3W FUSED DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE PER MANUFACTURER'S SPECIFICATIONS. COORDINATE WITH MECHANICAL PRIOR TO ROUGH-IN.
- THIS RTU WILL BE LOCATED ON THE GROUND. COORDINATE WITH MECHANICAL AND ARCHITECTURAL PRIOR TO ANY ROUGH-IN.
- PROVIDE EMPTY 4" SQ. JUNCTION BOX WITH SINGLE GANG MID PLATE AT LOCATION INDICATED AND EXTEND 1/2" C. WITH PULL STRING TO BELONG MOUNTED PROJECTOR. COORDINATE WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.
- SPEAKER MOUNTED AT 9'-0" A.F.F. PROVIDE HANDY BOX FOR SPEAKERS AND 1/2" C. WITH PULL STRING TO NORTH SIDE 4" SQ. EXTRA DEEP JUNCTION BOX WITH SINGLE GANG MID PLATE FOR PRESENTER LAMP/OP LOCATION. COORDINATE WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN. COORDINATE WITH OWNER/ARCHITECT PRIOR TO ROUGH-IN.

A1 ELECTRICAL POWER PLAN

SCALE: 1/4" = 1'-0"



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PROJECT TITLE

SANTA FE COUNTY MADRID FIRE STATION

MADRID NEW MEXICO

REVISIONS:

NO.	DATE	DESCRIPTION
1	ACE	FUT

PROJECT NUMBER:

A18.11

DATE:

9/25/18

SHEET TITLE:

ELECTRICAL POWER PLAN

SHEET NO.

EP-101