



**Septic Improvement and Exterior Wall Repair**

**Arroyo Seco/Valdez Community Center**

**BID #B-2012-07**

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**BID # B-2012-07**

**SECTION I:**  
**Legal Notice**

## Legal Publication

**BID # B-2012-07**

Notice is hereby given that the County of Taos, New Mexico calls for sealed bids for:

**Septic Improvements and Exterior Wall Repair  
For Arroyo Seco/Valdez Community Center**

Interested parties may request a copy of the specifications from the Purchasing Officer at:

Taos County Purchasing Office

OR

Phone 575-737-6323

105 Albright Street, Suite I "Bid Room"

Fax 575-737-6326

Taos, NM 87571

E-mail [sherri.rice@taoscounty.org](mailto:sherri.rice@taoscounty.org)

Or by download from our website: [www.taoscounty.org](http://www.taoscounty.org)

The bid/s must be mailed or delivered to the above address by June 25, 2012 at **10:00 AM**. Timely submission by mail means that the bid must actually be delivered to Taos County by June 25, 2012 at **10:00 AM**. Bids received after 10:00 a.m. will be considered unresponsive. Bids will be opened by the Purchasing Officer at the Taos County Finance Department Bid Room on the above date and time.

**A pre-bid conference will be held on June 20, 2012 at 10:00 AM at the project site, Arroyo Seco/Valdez Community Center located at 495 State Road 150, Arroyo Seco, NM 87514. For directions please contact Anita Padilla (575) 737-3851.**

Taos County reserves the right to reject any or all bids, and waive all formalities.

By Order of the Governing Body  
Taos County Commission

Sherri L. Rice, Purchasing Officer

June 5, 2012

### Publish

Thursday, June 14, 2012 Taos News/Rio Grande Sun

Thursday, June 14, 2012 Albq. Journal

**P.O. # 25581 Albq. Journal**

**P.O. # 25582 Taos News**

**P.O. # 25583 Rio Grande Sun**

**BID # B-2012-07**

**SECTION II:  
Pre-Bid Information**

## **PRE-BID INFORMATION**

### **TAOS COUNTY BID # B-2012-07**

**PROJECT NAME:**     **Septic Improvement and Exterior Wall Repair for  
the Arroyo Seco/Valdez Community Center**

“The Procurement Code, Section 13-1-28 through 1-1-199 NMSA 1978 imposes civil and criminal penalties for its violation. In addition, the New Mexico criminal statutes impose felony penalties for illegal bribes, gratuities and kickbacks.”

**SPECIFICATIONS:**     See Section VI

**OWNER:**               Taos County  
105 Albright Street, Suite I  
Taos, New Mexico 87571

**CONTACT PERSON:** Sherri L. Rice, Purchasing Officer  
(575) 737-6323 [sherri.rice@taoscounty.org](mailto:sherri.rice@taoscounty.org)

Anita Padilla, Grants Administrator  
(575) 737-3851

### **BIDDING:**

Sealed Competitive Bids must be submitted to Ms. Sherri Rice, Purchasing Officer, Taos County Purchasing Office, 105 Albright Street, Suite I, Taos, New Mexico 87571, no later than the bid deadline. Bid Opening will be held at the Taos County Finance Department Bid Room immediately following the bid deadline. **Any bid received after this time will be returned unopened.**

**The Taos County Board of Commissioners reserves the right to reject any and all bids/proposals and waive all formalities.**

Each bid shall be submitted in a sealed envelope with the bid number, description of the bid and the name and address of the bidder plainly marked on the outside of the envelope. The total bid amounts, as read at the bid opening, are tentative only and subject to verification of mathematical accuracy. Such verification may result in a change of the order of the bids.

All bidders must be licensed by New Mexico Construction Industries Division and the New Mexico Department of Labor. The bidder must hold the proper license classification at the time bids are submitted for the major portion of the work to be performed on dollar amount. The bidder shall indicate said current New Mexico contractor's license number and classification in the contract documents where applicable. Bidders shall submit a copy of the "wallet card", issued by the Construction Industries Division of the Regulation and Licensing Department with their bid packet.

ITEM II

BIDDER'S PROPOSAL

Place \_\_\_\_\_

Date \_\_\_\_\_

1. In compliance with your invitation for bids dated \_\_\_\_\_ and subject to all the conditions thereof, the undersigned \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ (hereinafter called BIDDER) \_\_\_\_\_ doing business as \_\_\_\_\_  
\_\_\_\_\_, "  
\_\_\_\_\_  
of the City of \_\_\_\_\_, State of \_\_\_\_\_  
\_\_\_\_\_ hereby proposes to furnish and complete work required by the Contract Documents for the construction of all structures listed at the prices shown for each bid item on the Bid Schedule. Any total cost found inconsistent with the unit cost when the bids are examined will be deemed in error and corrected to agree with the unit cost which shall be considered correct.
2. The undersigned BIDDER does hereby declare and stipulate that this proposal is made in good faith, without collusion or connection with any other person or persons bidding for the same work, and that it is made in pursuance of and subject to all the terms and conditions of the Notice and Instructions to Bidders, the Construction Contract, the Detailed Specifications, and the Plans pertaining to the work to be done, all of which have been examined by the undersigned.
3. The undersigned BIDDER agrees to abide by the requirements of Executive Order No. 11246, as amended. To that end, the BIDDER submits a completed Form RD 400-6, "Compliance Statement," as ITEM (X) of the Contract Documents. The BIDDER agrees to execute "Equal Opportunity Clause," as part of the Construction Contract.
4. If the work to be performed under this contract is in hometown plan or imposed plan area the undersigned BIDDER agrees to abide by the "Model Special Bid Conditions" attached hereto as item VI.
5. All the various phases of work enumerated in the Detailed Specifications with their individual jobs and overhead, whether specifically mentioned, included by implication or appurtenant thereto, are to be performed by the BIDDER under one of the items listed in the Bid Schedule, irrespective of whether it is named in said list.
6. Payment for work performed will be in accordance with the bid Schedule, subject to changes as provided for in the Construction Contract.

(Guide 17) (Page 3)

7. The undersigned BIDDER understands that this contract must be concurred in by Rural Development.
8. The BIDDER will submit a construction schedule and execute the contract within 10 days after notification of contract award.
9. It is understood that time is of the essence in this contract and the BIDDER agrees to commence within 10 days after the Notice to Proceed and complete work within \_\_\_\_\_ calendar days.

\_\_\_\_\_  
BIDDER'S License No. (if applicable)

\_\_\_\_\_  
BIDDER

Seal (if a corporation)

By \_\_\_\_\_

\_\_\_\_\_  
Title

\_\_\_\_\_  
(Business Address)

\*Insert: "a corporation incorporated in the State of \_\_\_\_\_, " "a partnership" or an individual, as applicable.



BID SCHEDULE

NOTE: Bids shall include sales tax and all other applicable taxes and fees.

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Item No.	Description	Estimated Quantity	Total Price	Unit Price	Total
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TOTAL BID PRICE \$\_\_\_\_\_

ITEM III

NOTICE OF AWARD

Description of work: Construction of \_\_\_\_\_  
\_\_\_\_\_ for the \_\_\_\_\_

To: \_\_\_\_\_  
\_\_\_\_\_

The Owner has considered the Proposal submitted by you for the above describe work in response to its Notice and Instructions to Bidders dated \_\_\_\_\_19\_\_\_\_.

It is to the best interest of said Owner to accept your Proposal in the amount of \_\_\_\_\_ (\$ \_\_\_\_\_); you are hereby notified that your Proposal has been accepted for items \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

You are required by the Notice and Instruction to Bidders to execute the contract within ten days from the date of the delivery of this Notice to you.

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 19 \_\_\_\_\_

\_\_\_\_\_  
Owner

ACCEPTANCE OF NOTICE

By \_\_\_\_\_

Receipt of the above Notice of Award is hereby acknowledged this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_.

Title \_\_\_\_\_

\_\_\_\_\_  
By \_\_\_\_\_

Title \_\_\_\_\_

(1-15-79) SPECIAL PN

ITEM IV

C O N T R A C T

THIS AGREEMENT, made this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_,  
by and between \_\_\_\_\_,  
hereinafter referred to as the OWNER, and \_\_\_\_\_  
\_\_\_\_\_, hereinafter referred to as the  
CONTRACTOR:

WITNESSETH:

That for and in consideration of the mutual covenants and promises  
between the parties hereto, it is hereby agreed that:

1. The CONTRACTOR will furnish all of the materials and supplies,  
equipment, and labor and other services necessary in conformance with  
these contract documents for the construction and completion of the  
project described in general as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

2. COMPLETION OF WORK. The Contractor shall commence the work  
covered by this contract within ten (10) calendar days after the date of  
receipt of the Notice to Proceed and shall complete the same within  
\_\_\_\_\_ calendar days unless the period for completion is  
extended as provided for in the General Conditions.

(Revision 1)

3. CONTRACT SUM. The Owner shall pay the Contractor for the performance of said work, subject to additions or deductions provided herein \_\_\_\_\_ dollars (\$\_\_\_\_\_) in conformity with the bid schedule in Item II.

4. The Contract Documents include the following:

- (a) Notice and Instructions to Bidders - Item I
- (b) Bidder's Proposal - Item II
- (c) Notice of Award - Item III
- (d) Contract - Item IV
- (e) General Conditions - Item V
- (f) Model - Special Bid Conditions - Item VI (for hometown or imposed plan areas)
- (g) Rural Development Supplemental General Conditions.

(h) Plans prepared by \_\_\_\_\_, numbered \_\_\_\_\_ through \_\_\_\_\_, and dated \_\_\_\_\_, 19\_\_.

(i) Specifications prepared or issued by \_\_\_\_\_  
\_\_\_\_\_, dated \_\_\_\_\_, 19\_\_.

5. The OWNER will pay to the CONTRACTOR in the manner and at such times as set forth in the General Conditions and in such amounts as required by the Contract Documents.

6. This contract shall be binding upon all parties hereto and their respective heirs, executors, administrators, successors, and assigns.

(Revision 1)

IN WITNESS WHEREOF, the parties hereto have executed, or caused to be executed by their duly authorized officials, this Contract in duplicate, on the date first above written.

OWNER:

\_\_\_\_\_

By \_\_\_\_\_

(SEAL)

Type Name \_\_\_\_\_

Title \_\_\_\_\_

ATTEST:

\_\_\_\_\_

Type Name \_\_\_\_\_

Title \_\_\_\_\_

CONTRACTOR:

\_\_\_\_\_

By \_\_\_\_\_

Type Name \_\_\_\_\_

Title \_\_\_\_\_

Approved as lender or insurer of fund to defray the costs of this contract, and without liability for any payments thereunder, the Farmers Home Administration hereby concurs in the award of this contract to

Employer Identification  
Number \_\_\_\_\_

\_\_\_\_\_.

U. S. Department of Agriculture  
Rural Development

By \_\_\_\_\_ Title \_\_\_\_\_

This contract shall not be effective unless and until approved by the State  
Director of Rural Development, U. S. Department of Agriculture, or a delegate  
representative.

## ITEM V GENERAL

## CONDITIONS

1. The contractor shall furnish and pay the cost, including sales tax and all other applicable taxes and fees, of all the necessary materials and shall furnish and pay for all the superintendence, labor, tools, equipment and transportation and perform all the work required for the construction of all items listed and itemized under the bid schedule of the Bidder's Proposal attached hereto as Item II in strict accordance with the Plans, Specifications and requirements, general conditions and special conditions which are attached hereto and made a part hereof, and any amendments thereto and such supplemental plans and specifications which may hereafter be approved.
2. The Owner shall provide the land upon which the work under this contract is to be done, and will, so far as is convenient, permit the Contractor to use as much of the land as is required for the erection of temporary construction facilities and storage of materials, together with the right of access to same, but beyond this, the Contractor shall provide at the contractor's cost and expense any additional land required.
3. In the event the Owner is dissatisfied with the slow progress or incompetency in the performance of the work in accordance with the schedule for completion of the various aspects of construction, the Owner shall give the Contractor written notice in which the owner shall specify in detail the cause of dissatisfaction. Should the Contractor fail or refuse to remedy the matters complained of within five days after the written notice is received by the Contractor the Owner shall have the right to take control of the work and either make good the deficiencies of the Contractor itself or direct the activities of the Contractor in doing so, employing such additional help as the Owner deems advisable. In such event the Owner shall be entitled to collect from the Contractor any expenses in completing the work.
4. The owner will withhold \$\_\_\_\_\_ as liquidated damages from the amount payable to the Contractor for each calendar day that the contractor is in default after the time of completion stipulated in these Contract Documents. It is understood that the amount is approximately equal to the interest and other charges incurred by the Owner.
5. The Contractor guarantees all material and equipment furnished and all work performed for a period of 1 year from the date of substantial completion of the contract. The contractor's guarantees that the facility is free from defects due to faulty materials or workmanship and the contractor shall make the necessary corrections to correct these defects.

6. The contractor should give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the work as specified in the Contract Documents. If the contractor observes that the Contract Documents are at variation with any laws, ordinances, rules or regulations, the contractor should promptly notify the owner in writing and any necessary changes shall be adjusted through the use of contract change orders.
7. The Contractor agrees to pay all claims for labor, materials, services and supplies and agrees to allow no such charge to be fixed on the property of the Owner.
8. The Contractor agrees to comply with all laws, rules and regulations that apply to related work.
9. The actual performance of work and superintendence shall be performed by the Contractor but the owner shall, at all times, have access to the premises for the purpose of observing or inspecting the work performed by the Contractor.
10. It is fully understood and agreed that none of the requirements of this contract shall be considered as waived unless changes are made in writing and then only by the persons executing this contract upon concurrence of Rural Development.
11. The Contractor agrees not to sublet or assign this work without the written consent of the owner.
12. The Contractor shall have full responsibility under these conditions, general provisions, Plans and Specifications for any subcontracts which the Contractor may let.
13. All questions or controversies which may arise between the Contractor and the Owner, under or in reference to this contract, should be resolved, to the fullest extent possible at a meeting between the Contractor, the Owner, and a representative of Rural Development. The agreements reached at such meetings shall be carefully documented and become final and binding on all parties concerned. However, should the Owner and Contractor be unable to agree, a board of three arbitrators shall be chosen. One shall be chosen by the Contractor, one shall be chosen by the Owner, and the third shall be selected through mutual agreement by the first two. Should either party neglect or fail to select an arbitrator within ten days, the arbitrator selected by the other party shall have power to decide the dispute in the same manner as though a board of three arbitrators had been selected.
14. The Contractor shall indemnify and save harmless the Owner and the Owner's agents and employees, from and against all losses and all claims, demands, payments, suits, actions, recoveries, and judgments of every nature, and description brought or recovered against them by reasons of any act or omission of the said Contractor, its agents, or employees, in the execution of the work or in guarding the same.



15. Payment. Final payment shall be made to the Contractor when the work is completed and accepted by the owner and Rural Development. The total amount of the payment shall be the amount of the contract plus the value of all changes as reflected in approved contract change orders. The entire balance found to be due the Contractor but excepting such sums as may be lawfully retained by the Owner, shall be paid to the Contractor. Such payment shall be conditioned, however, upon the submission by the Contractor of evidence satisfactory to the Owner that all claims for labor, material, and any other outstanding indebtedness in connection with this Contract have been paid.

The Owner will make payments as follows: (Check (X) proper payment clause and effectively cross out all of the clauses not applicable.)

\_\_\_\_\_ A. ONE LUMP SUM will be made for the whole contract, upon acceptance by the owner and Rural Development, of all work required hereunder and compliance by the Contractor with all the terms and conditions of this contract.

\_\_\_\_\_ B. PARTIAL PAYMENTS NOT TO EXCEED 60 PERCENT of the value of the work in place (less the aggregate of previous payments) will be made at intervals of \_\_\_\_\_. The value of work in place shall be as estimated by the contractor and approved by Rural Development. Prior to receiving any partial payment, the contractor must furnish the owner with a statement showing the total amount owed to date for materials and labor procured under this contract and, if required by the owner or Rural Development, must also submit evidence showing that previous partial payments were properly applied and that the current payment will be properly applied. Upon completion of the whole contract and acceptance of the work as required hereunder, by the owner and Rural Development, and compliance by the contractor with all terms and conditions of this contract, the amount due the contractor will be paid.

16. Upon completion or termination of the work, the Contractor shall remove from the vicinity of the work all equipment and all temporary structures, waste materials and rubbish resulting from its operations, leaving the premises in a neat and presentable condition. In the event of failure to do so, the same may be done by the Owner at the expense of the Contractor.

(1-15-79) SPECIAL PN

## CAMPAIGN CONTRIBUTION DISCLOSURE FORM

Pursuant to Chapter 81, Laws of 2006, any prospective contractor seeking to enter into a contract with any state agency or local public body must file this form with that state agency or local public body. 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.

THIS FORM 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 either 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.

**“Contract”** means any agreement for the procurement of items of tangible personal property, services, professional services, or construction.

**“Family member”** means spouse, father, mother, child, father-in-law, mother-in-law, daughter-in-law or son-in-law.

**“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.

**“Person”** means any corporation, partnership, individual, joint venture, association or any other private legal entity.

**“Prospective contractor”** means a person who 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 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.

DISCLOSURE OF CONTRIBUTIONS:

Contribution Made By: \_\_\_\_\_

Relation to Prospective Contractor: \_\_\_\_\_

Name of Applicable Public Official: \_\_\_\_\_

Date Contribution(s) Made: \_\_\_\_\_

Amount(s) of Contribution(s) \_\_\_\_\_

Nature of Contribution(s) \_\_\_\_\_

Purpose of Contribution(s) \_\_\_\_\_

(The above fields are unlimited in size)

\_\_\_\_\_  
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)

**"ADDENDUM" Receipt Acknowledgement Form**

Addendum form a part of the Contract Documents and modify the original Bidding Documents. Acknowledge receipt of ALL Addendum below. Failure to do so shall subject Bidder to disqualification.

It is the responsibility of the Bidder to inquire and determine that he has received all Addendum issued for this Project **Prior** to submitting His Bid.

Addendum No. 1 - Dated \_\_\_\_\_ yes / no  
Addendum No. 2 - Dated \_\_\_\_\_ yes / no  
Addendum No. 3 - Dated \_\_\_\_\_ yes / no  
Addendum No. 4 - Dated \_\_\_\_\_ yes / no  
Addendum No. 5 - Dated \_\_\_\_\_ yes / no  
Addendum No. 6 - Dated \_\_\_\_\_ yes / no

(Add to list as necessary)

**COMBINED  
LIST OF SUBCONTRACTORS  
and  
ASSIGNMENT OF ANTITRUST CLAIMS  
by  
CONTRACTOR, SUBCONTRACTORS,  
SUBSUBCONTRACTORS, and SUPPLIERS**

**EXAMPLE TRADES AND SUPPLIERS:** SITE WORK, CONCRETE, MASONRY, FRAMING, LUMBER, STEEL, STEEL FABRICATION, ROOFING, EXTERIOR INSULATION AND FINISH, DRYWALL, DOORS, GLASS AND GLAZING, PLASTER, PAINTING, CARPET, RESILIENT, CONVEYING SYSTEMS, HVAC, CONTROLS, PLUMBING, SHEET METAL, ELECTRICAL

**1.** Subcontractor Listing shall be included with Proposal as a condition of the Proposal and be fully complete with regards to all Subcontractors providing services valued at \$5,000.00 or more, 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 pursuant to Section 13-4-34, NMSA 1978.

Listing Threshold for this Project: **\$5,000.00**

**a.** Subcontractor Listing shall be expanded after receipt of Proposal by Offeror if Awarded, and before Contract, to include major Suppliers and, each entity listed shall be signed by individual empowered to obligate Supplier, Subcontractor, or Subsubcontractor.

**b.** Subcontractor Listing shall also be expanded after receipt of Proposal by Offeror if Awarded, and before Contract, to include the Department of Workforce Solutions Minimum Wage Act Registration Number. See the Department of Workforce Solutions web site at [www.dws.state.nm.us](http://www.dws.state.nm.us) under "Public Works" for registration form, listings and information.

**PROJECT NAME:** Septic Improvements for Arroyo Seco/Valdez Community Center

**TAOS COUNTY BID NUMBER:** B-2012-07

The undersigned agrees that any and all claims which the firm may have or may insure 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 the Owner, but only to the extent that such overcharges are passed on to the Owner. It is agreed that the firm retains all rights to any such antitrust claims to the extent of any overcharges not passed on to the District, including the right to any treble damages attributable thereto.

\*Signature not required until Award of Contract.

\*Signature not required until Award of Contract.

[illegible]

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**COMBINED  
LIST OF SUBCONTRACTORS  
and  
ASSIGNMENT OF ANTITRUST CLAIMS  
by  
CONTRACTOR, SUBCONTRACTORS,  
SUBSUBCONTRACTORS, and SUPPLIERS**

**EXAMPLE TRADES AND SUPPLIERS:** SITE WORK, CONCRETE, MASONRY, FRAMING, LUMBER, STEEL, STEEL FABRICATION, ROOFING, EXTERIOR INSULATION AND FINISH, DRYWALL, DOORS, GLASS AND GLAZING, PLASTER, PAINTING, CARPET, RESILIENT, CONVEYING SYSTEMS, HVAC, CONTROLS, PLUMBING, SHEET METAL, ELECTRICAL

**1.** Subcontractor Listing shall be included with Proposal as a condition of the Proposal and be fully complete with regards to all Subcontractors providing services valued at \$5,000.00 or more, 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 pursuant to Section 13-4-34, NMSA 1978.

Listing Threshold for this Project: **\$5,000.00**

**a.** Subcontractor Listing shall be expanded after receipt of Proposal by Offeror if Awarded, and before Contract, to include major Suppliers and, each entity listed shall be signed by individual empowered to obligate Supplier, Subcontractor, or Subsubcontractor.

**b.** Subcontractor Listing shall also be expanded after receipt of Proposal by Offeror if Awarded, and before Contract, to include the Department of Workforce Solutions Minimum Wage Act Registration Number. See the Department of Workforce Solutions web site at [www.dws.state.nm.us](http://www.dws.state.nm.us) under "Public Works" for registration form, listings and information.

**PROJECT NAME:** Exterior Wall Repair & Miscellaneous Other Items for the  
Arroyo Seco/Valdez Community Center

**TAOS COUNTY BID NUMBER:** **B-2012-07**

The undersigned agrees that any and all claims which the firm may have or may insure 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 the Owner, but only to the extent that such overcharges are passed on to the Owner. It is agreed that the firm retains all rights to any such antitrust claims to the extent of any overcharges not passed on to the District, including the right to any treble damages attributable thereto.

\*Signature not required until Award of Contract.

\*Signature not required until Award of Contract.

[illegible]

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NOTICE TO PROCEED

TO: \_\_\_\_\_ DATE: \_\_\_\_\_  
\_\_\_\_\_  
Project: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

You are hereby notified to commence WORK in accordance with the Agreement dated \_\_\_\_\_, 19\_\_, on or before \_\_\_\_\_, 19\_\_, and you are to complete the WORK within \_\_\_\_\_ consecutive calendar days thereafter. The date of completion of all WORK is therefore \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
Owner

By \_\_\_\_\_

Title \_\_\_\_\_

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE TO PROCEED is hereby acknowledged by \_\_\_\_\_

\_\_\_\_\_,

this the \_\_\_\_\_, 19\_\_

\_\_\_\_\_

By \_\_\_\_\_

Title \_\_\_\_\_

Employer Identification  
Number \_\_\_\_\_

oOo

\_\_\_\_\_  
(1-28-81) PN 763 \_\_\_\_\_  
\_\_\_\_\_

14. Certificate of Owner's Attorney.

I, the undersigned, \_\_\_\_\_, the duly authorized and acting legal representative of \_\_\_\_\_, do hereby certify as follows

I have examined the attached contract(s) and performance and payment bond(s) and the manner of execution thereof, and I am of the opinion that each of the aforesaid agreements are adequate and have has been duly executed by the proper parties thereto acting through their duly authorized representatives; that said representatives have full power and authority to execute said agreements on behalf of the respective parties named thereon; and that the foregoing agreements constitute valid and legally binding obligations upon the parties executing the same in accordance with terms, conditions, and provisions thereof.

\_\_\_\_\_  
Date: \_\_\_\_\_

NOTE: Delete phrase "performance and payment bonds" when not applicable.

BID # B-2012-07  
SECTION III:  
General Conditions

### SECTION III – GENERAL CONDITIONS

1. **Bid Proposal Form/s:** ALL ORIGINAL PAGES INCLUDED IN THIS INVITATION TO BID MUST BE COMPLETED AND RETURNED AS PART OF THE BID DOCUMENT. Bidders who submit more than one bid proposal are instructed to complete a separate form for each bid proposal. Forms may be submitted together, or individually, at the discretion of the bidder. The forms must be signed, and the package sealed, with the bid number clearly written on the outside of the envelope or package.
2. **Proposal Binding for 90 days:** Unless otherwise specified, all formal bids submitted shall be binding for ninety (90) calendar days following bid opening date, unless the bidder, upon request of the Purchasing Officer, agrees to an extension.
3. **Payment Terms:** Payment shall be made pursuant to the NM Procurement Code and Taos County Ordinance after receipt of goods/services or as per contract terms.
4. **Taxes:** Taos County is exempt from Gross Receipts Tax (GRT) for the purchase of tangible personal property. Prices shown on the bid proposal shall be exclusive of GRT. Applicable GRTs for items other than tangible personal property shall be shown as a separate amount on each billing made under the contract. A properly issued Type 9 Non-Taxable Transaction Certificate may be obtained from the County that will document the exemption from the GRT.
5. **Brand Name Specifications and Equivalency:** Taos County uses brand names in order to indicate the standard of quality, performance or other pertinent characteristics that the County will accept. The bidder is instructed to regard such names as “*or equivalent*” and is allowed to substitute the specification with another brand which meets or exceeds the specification. The County hereby reserves the right to approve as equivalent, or to reject as not being equivalent, any item the bidder proposes to furnish which contains variations from specification requirements but may comply substantially therewith. Such decisions are made strictly at the discretion of the County, and the County’s decision shall be final.
6. **Clarifications:** If there is any clarification, problem, ambiguity, or question regarding this bid, the bidder shall contact the Purchasing Officer or his designee in writing prior to the bid opening. Clarifications and addendums will be prepared by the Purchasing Officer or his designee and disseminated to all potential bidders. Except as specifically authorized by the Purchasing Officer, questions answered by any other person or county official shall be considered non-applicable to the legal review of this bid.
7. **Preferences:** A five percent (5%) preference will be given to all businesses that have been issued a Resident Business Certification or a Resident Contractor Certificate by the State of New Mexico, Taxation and Revenue Department. **This Certificate Number must be included on the Bid Proposal Form and a copy of the certification must be attached.** If you have a question regarding the Resident Business Certification, or wish to apply for it,

please contact the State Taxation and Revenue Department at (505) 827-0951. This certification became effective on January 1, 2012, under Senate Bill 1, dated October 2011. This certification allows the evaluation of a bid at five percent less than the amount submitted.

8. **Please note that this Resident Certification Number is NOT the firm's State CRS Number.**
9. **Delivery:** Delivery of goods or services, if applicable, shall be FOB-Destination, and shall be specified within the Specifications of this Bid Proposal Package.
10. **Start and Completion Dates:** The expected dates for commencement and completion of said work shall be stated within the specifications of the project.
11. **Bid Irregularities and Formalities:** The Taos County Board of Commissioners reserves the right to waive immaterial irregularities and formalities.
12. **Minimum Specifications:** Specifications supplied are as minimum standards.
13. **Non-Discrimination Policy:** Contractor agrees that Contractor and Contractor's employees or agents shall comply with all federal, state, and local laws regarding equal employment opportunities, fair labor standards, and other non-discrimination and equal opportunity laws, regulations, and practices.
14. **Prevailing Wages:** For any one project with a cost of \$60,000 or more, Contractor shall complete and file with the New Mexico Department of Labor – Public Works Bureau, a Statement of Intent to Pay Prevailing Wages, which must be approved before construction can begin. The winning bidder will be provided with the Prevailing Wages packet by Purchasing.
15. **Public Works Registration:** For any one project with a cost of \$50,000.00 or more is subject to the Public Works Minimum Wage Act (NMSA 1978, §§ 13-4-10 through 13-4-17). The Contractor, serving as a prime Contractor or not, shall be registered with the Labor and Industrial Division of the Labor Department.
16. **Warranty:** Contractor hereby guarantees the workmanship, the product or materials provided, and/or services from the date of acceptance by the County as per bid and contract terms.
17. **Liquidated Damages:** In the event that Contractor fails to complete said project, or provide the receivables from the services provided, by the agreed upon completion/due date, Contractor shall pay Taos County liquidated damages of \$250.00 per each calendar day past said completion/ due date.
18. **Bid Bond:** A bid bond or security equal to 10% of the bid price is required with the bid proposal, to protect the interests of the County.

19. **Payment and Performance Bonds:** A performance and payment bond equal to 100% of the project will be required if the contract amount is \$25,000.00 or more pursuant to NMSA 1978, § 13-4-18. These bonding requirements shall be provided by a surety company authorized to do business in this state.
20. **Evaluation and Award:** The bid/s will be evaluated and presented to the Taos County Board of Commissioners, and MAY be awarded in an open meeting following the bid opening. Taos County reserves the right to accept or reject any or all bid proposals, to award the bid/s to multiple Contractors and to award the bid/s in whole or in part. Taos County also reserves the right to renew or extend this award for a multiyear term up to three (3) years if and when applicable.
21. **Contract:** Following the award of this bid, the County and the bidder shall negotiate a Contract with terms and conditions acceptable to the County in its sole discretion. The County shall be free to reject any bid if a contract with terms and conditions acceptable to the County is not agreed to.
22. **Additional Costs:** The County shall not be responsible to pay for any costs associated with bid submission, nor for payment of any add-on, addition, or optional equipment or service that has not been authorized in writing by the County.

**BID # B-2012-07**

**SECTION IV:  
Specific Conditions**

## **SECTION IV - SPECIFIC CONDITIONS**

1. **Evaluation Criteria:** Lowest responsible price. Taos County shall evaluate the bid proposal per item or as a lump sum, whichever is most advantageous.

2. **Required for Submission With Proposal:**

- ◆ Copy of contractor's GB-98 license;
- ◆ Copy of contractor's Property and Liability, and Worker's Compensation insurances;
- ◆ At least three references contacts;
- ◆ A Gantt chart or similar document showing the expected progress of the project at critical stages along a timeline, along with a Schedule of Values showing the value attributable to each major phase of the project;
- ◆ A Bid Bond or Security equal to 10% of the bid price;
- ◆ Subcontractors listing;
- ◆ NM Public Works Registration Certification and Number;
- ◆ Copy of "wallet card" issued by the Construction Industries Division of the Regulations and Licensing Department;
- ◆ Proposed payment terms;
- ◆ Campaign Contribution Disclosure Form;
- ◆ Receipt of Addendum if applicable;

3. **Scope of Work:** Taos County seeks a contractor who has all applicable licenses and certificates to provide construction services for the construction of Item #1 Septic Improvements and Item #2 Exterior Wall Repair and miscellaneous other items associated with the Arroyo Seco/Valdez Community Center. The location of the project site is 495 State Road #150, Arroyo Seco, New Mexico 87514. The specifications are set out in greater detail in the project manual and plans available through the Taos County Purchasing Department.

All construction shall meet all minimum building code standards, as well as conform to all applicable laws and regulations, including ADA standards.

The bidder is required to signify whether the bid complies with the specifications listed above and all applicable building codes. The cost for each of these items shall include all labor, subcontractors, material, equipment, overhead, freight, taxes, etc. to cover the complete work of the items listed.

Bids must include complete information to enable the evaluators to make accurate determinations regarding the qualifications of the firm and the quality of work to be provided. Respondents are encouraged to include any other information that will highlight qualifications of the firm.



BID # B-2012-07

SECTION V:  
Other Terms

## SECTION IV - OTHER TERMS

1. **Bid Protests and Protest Bond:** A bidder who protests a bid award shall submit an official protest in writing within fifteen calendar days of notification of the award. The protest shall include the bid number and detail the reason/s for the protest, along with a \$5,000.00 (five thousand) Protest Bond. The bonding requirements shall be provided by a surety company authorized to do business in this State, or in cash, or otherwise supplied in a form satisfactory to the County. The bond will be forfeited to Taos County in the event the protestor loses the case.
2. **Appropriations:** This contract is contingent upon there being sufficient appropriations available. The County shall be the sole and final determiner of whether sufficient appropriations exist.
3. **Annual Review:** If this contract encompasses more than one fiscal year, this is subject to an annual review by the County. If any deficiencies are noted during the review process, the Contractor shall be given a specified time, as per the Notice to Cure provision below, in which to cure said deficiency(ies).
4. **Status of Contractor:** Contractor acknowledges that Contractor and its subcontractors (if applicable) is/are licensed to do the job as proposed, and is/are registered with the New Mexico Department of Labor. Contractor further acknowledges it is an independent contractor and as such, Contractor and Contractor's employees, agents or representatives shall not be considered employees or agents of the County, nor shall they be eligible to accrue leave, retirement benefits, insurance benefits, use of vehicles, or any other benefits provided to County employees.
5. **Non-Agency:** Contractor agrees not to purport to bind the County to any obligation not assumed herein by the County, unless the Contractor has express written approval and then only within the limits of that expressed authority.
6. **Confidentiality:** Any information learned, given to, or developed by Contractor in the performance of this contract shall be kept confidential and shall not be made available or otherwise released to any individual or organization without prior written approval of the County.
7. **Worker's Compensation:** Contractor acknowledges that Contractor and Contractor's employees, agents or representatives shall have no claim whatsoever to worker's compensation coverage under the County's policy. Contractor shall provide documentation of adequate coverage for its employees.
8. **Indemnification:** Contractor agrees to indemnify and hold harmless the County from any and all claims, suits, and causes of action that may arise from Contractor's performance under this contract unless specifically exempted by New Mexico law. Contractor further agrees to hold harmless the County from all personal claims for any injury or death sustained by

Contractor and Contractor's employees, agents, or other representatives while engaged in the performance of this contract.

9. **Records Audit:** Contractor shall keep, maintain, and make available to the County all records, invoices, bills, etc. related to performance of this contract for a period of no less than three (3) years after the date of final payment. If federal grant funds are used to pay under this contract, Contractor shall retain all records for the period of time under which OMB Circular 102-A shall apply. Said records shall be available for inspection, audit and/or copying by the County or its authorized representatives or agent, including federal and/or state auditors.
10. **Assignment & Subcontracting:** Contractor shall not assign, transfer, or subcontract any interest in this contract or attempt to assign, transfer, or subcontract any claims for money due under this contract without the prior written approval of the County. Third-party services, employed by the Contractor to be used in the performance of this contract, must be identified, in a written attachment to this contract, indicating: (a) what service/s the third party is to do; (b) when the service/s are to be performed; and (c) compensation being provided by Contractor.
11. **Listing of Subcontractors:** Contractor shall provide a subcontractors listing as part of the original bid packet for all projects with a threshold of \$5,000.00 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. The subcontractors listing shall consist of (1) the name and the city or county of the place of business of each subcontractor under subcontract to the Contractor who will perform work or labor or render service to the Contractor in or about the construction of the public works construction project in an amount in excess of the listing threshold; and (2) the category of the work that will be done by each subcontractor. Contractor shall list only one subcontractor for each category as defined by the Contractor pursuant to NMSA 1978, § 13-4-34 (1995).
12. **Conflict of Interest:** Contractor warrants that Contractor presently has no interest or conflict of interest, and shall not acquire any interest or conflict of interest which would conflict with Contractor's performance of services under this contract.
13. **Non-Discrimination:** Contractor agrees that Contractor and Contractor's employees and agents shall comply with all federal, state and local laws regarding equal employment opportunities, fair labor standards, and other non-discrimination and equal opportunity compliance laws, regulations and practices.
14. **Required Insurances:** Contractor shall maintain liability insurance in an amount at least equal to the requirements set forth by the New Mexico Tort Claims Act, NMSA 1978, § 41-4-19 (2008), and sufficient Worker's Compensation insurance.
15. **Authority of Agent:** The Contractor represents that the person executing documents on behalf of the Contractor has been duly authorized to do so.

16. **Applicable Law:** This contract shall be governed by the Laws of the State of New Mexico, including the New Mexico Procurement Code (NMSA 1978, § 13-1-28 et seq. (as amended) and the ordinances, resolutions, rules and regulations of the County.
17. **Contract Terms:** The terms and provisions of this Section are not all of the terms and provisions that will be included in the Contract to be signed by the County and the Contractor.
18. **Federal Funding:** If federal funds are used in connection with this contract, then contractor shall comply in all respects with the following: (1) the American Recovery and Reinvestment Act (ARRA), (2) the Davis Bacon Act DBA) and (3) the Davis Bacon and Related Acts (DBRA). The County shall advise contractor if federal funds are involved, but it shall be the contractor's sole responsibility to insure compliance with ARRA, DBA and/or DBRA.
19. **Severability:** In the event that a court of competent jurisdiction finds that any term or provision of this contract is void, null, or otherwise unenforceable, all other terms and provisions shall remain intact and enforceable where not otherwise inconsistent with the court's findings.
20. **Default by Contractor:** In the event that Contractor defaults on any term of provision of this contract, the County retains the sole right to determine whether to declare the contract voidable and/or Contractor agrees to pay the County the reasonable costs, including court costs and attorney's fees and direct and indirect damages incurred in the enforcement of this contract.
21. **Efforts to Cure:** If the County elects to provide the Contractor with notice to cure any deficiency or defect, the Contractor may have the time specified in the written "Notice to Cure" Authorization. Failure by the Contractor to cure said deficiency or defect, within the authorized time, shall result in an immediate termination of this contract subject to the provision above.
22. **Costs and Attorney's Fees:** In the event of any litigation involving the bid, the bid process or the breach of any term or provision of any of the bid documents, the County shall recover its reasonable costs and attorney's fees if it prevails in said litigation.
23. **Jurisdiction and Venue:** Any legal proceeding brought against the County, arising out of this contract, shall be brought before the Eighth Judicial District Court, Taos County, State of New Mexico.
24. **Illegal Acts:** Pursuant to NMSA 1978, § 13-1-191 (1984), it shall be unlawful for any Contractor to engage in bribery, offering gratuities with the intent to solicit business, or offering or accepting kickbacks of any kind. All other similar act/s of bribes, gratuities and/or kickbacks are likewise hereby prohibited.
25. **Contractor Campaign Contribution Disclosure Form:** State law requires all prospective contractors to file this form. Please submit as part of the original bid documents.

**BID # B-2012-07**

**SECTION VI:  
Specifications**

**BID ITEM # 1**  
**SEPTIC IMPROVEMENTS**  
**ARROYO SECO/VALDEZ COMMUNITY CENTER**

**TECHNICAL SPECIFICATIONS**

A) General

The work covered by these specifications includes the furnishing of all plant, labor, tools, equipment, materials and performing all operations in connection with the installation and construction of an individual waste disposal system composed of two septic treatment tanks, one pump tank/lift station with an automatic pump, an in-drain mound type disposal field and all connective piping and incidental construction operations necessary to place the sewage disposal system in fully operational condition.

- 1) The individual pressurized sewage disposal system and related facilities shall be constructed at the locations and of the sizes shown on the drawings. Field changes in location and orientation may be directed by the Owner's Representative at the time of construction.
- 2) Preliminary investigation indicates the presence of high groundwater. It is the contractor's responsibility to quantify the de-watering efforts required to properly excavate and install all components of the system. No additional payment will be made for de-watering.
- 3) Due to the high groundwater table this system requires all buried components of this pressurized sewage disposal system to be water tight. It is the contractor's responsibility to schedule water testing of underground tanks with the Owner's Representative. This water testing shall include the manhole risers.

B) Excavation

- 1) It is the contractor's responsibility to provide a written plan for installation of gravity distribution piping in high groundwater. This plan must include de-watering adequate for the Owner's Representative to verify continuous slope on the pipe prior to covering with bedding material.
- 2) Tanks may be installed with the excavations partially de-watered. The tanks must be checked for level by the Owner's Representative prior to bedding. Any tank not acceptable due to being out of level will be removed and re-set until level or acceptable to the Owner's Representative.
- 3) Bedding material in the pipe zone shall be 5/8" crushed rock. Backfill above the pipe zone and shall be suitable soil.
- 4) Bedding around the tanks shall be 1" crushed rock to the top of the tank. Backfill above the tank shall be suitable soil.
- 5) Compaction of backfill shall be 85%.
- 6) Final grades shall be slightly mounded to allow for settlement.

C) Materials

- 1) Pipe and fittings utilized from the building stub outs to the inlets of the treatment tanks and from the outlets of the same to the inlet of the pump tank shall be four inch diameter PVC pipe conforming to ASTM 3034, SDR35.

- 2) Service line cleanouts shall be installed at the locations indicated on the drawings. The cleanouts shall be installed with a brass plug and cast iron ferrule. In traffic areas, cleanouts shall be encased in a concrete pad 5 1/2" thick and 24" square.
- 3) Tanks shall be one-piece, two compartment, pre-cast, reinforced concrete septic tanks and approved on the NMED List. In addition, these tanks must have manhole adapters cast into the lids with a minimum diameter of 20", and inlet and outlet adapters must be cast into tanks.
- 4) Manhole risers must be water-tight and be provided with a fitted water-tight cover.
- 5) The effluent pump shall be a 1/2 HP, 115 Volt single phase submersible pump with 2" discharge and automatic controls.
- 6) The power supply shall be a 120 Volt, single phase, three wire service from a properly sized single pole breaker. All wire shall be sized in accordance with the latest issue of the N.E.C. All electrical work shall be done by a N.M. licensed electrical contractor working under a permit issued by NMCID.
- 7) An alarm system on a circuit separate from the pump shall be provided and installed on a 6"x6" pressure treated post near the pump tank, as directed by the Owner's Representative. This alarm shall consist of a direct acting mercury float switch for mounting in the pump vault, red alarm light, horn, push-to-test alarm button and a horn silence switch.
- 8) The pump discharge pipe shall be schedule 80 PVC pipe from the pump to outside the pump tank. Once outside the tank the force main may be schedule 40 PVC pipe. The discharge line must have a union installed inside the tank.
- 9) In-drain modules shall be equal to Infiltrator, 48" long high capacity modules and on the NMED approved list.
- 10) Filter fabric shall be a synthetic, geotextile fabric.
- 11) Sand for under the in-drain modules shall be washed concrete sand of medium size.
- 12) Fill material may be suitable soil if it is not heavy clay or glacial till with stones and boulders. Sandy loam soil is the preferred fill material.
- 13) Manifold pipe shall be sized as shown on drawing and may be 160 PSI PVC pipe, or better.
- 14) Perforated pipe shall be the same pipe as the manifold pipe and shall be field perforated with 3/16" holes, 24" OC as shown on drawings.
- 15) Inspection ports shall be 4" Schedule 40 PVC attached in a manner to prevent removal.

D) Installation of system

- 1) All gravity sewer and effluent lines shall be laid at a minimum slope of 2%. These lines shall attach to the tanks with the adapter couplings cast into the tanks to provide a water-tight connection
- 2) Underground tanks shall be placed in a properly sized excavation of the minimum size required to provide placement of the tanks. Groundwater must be removed to a level which will allow placement of the tank without floating. The tanks can then be ballasted with water and bedded with 1" crushed rock on all four sides, de-watering can then be stopped. Before final backfill the tanks must be verified level. The manhole riser system shall provide access to the tanks not less than 6" above final grade and not more the 18" above final grade.
- 3) The outlet discharge pipe shall pass through the tank such that the penetration is watertight and allow for removal of the pump by only disconnecting the union.

Removal of the pump shall not cause the tank to infiltrate groundwater. The pipe shall slope continuously to the mound.

E) In-drain mound construction

- 1) The bed area for installation of the modules shall be excavated to a minimum of 9" without compacting the bed area and shall be maintained at a level grade throughout the entire length. In-drain modules shall be leveled upon placement to preclude high or low sections.
- 2) The bottom of the bed shall be covered with an 18" minimum depth lift of sand. The lift shall be leveled within 1" of level throughout the entire length of the bed.
- 3) The in-drain modules shall be placed according to manufacturer's recommendations on the sand layer as shown. The perforated pipe shall be centered in the modules as shown.
- 4) The geotextile fabric shall then be placed over the rows of in-drain modules. This fabric will be secured with sand at the sides and in between the modules prior to backfill. The bed shall then be backfilled and not compacted. The top shall then be mounded with the 8" crown and not compacted. The slope shall be no flatter than 3:1 and no steeper than 6:1 from the center of the bed to the toe. The entire mound shall be covered with 4" to 6" of topsoil. No mechanical or vehicular traffic shall be used to compact the mound. Backhoes shall not be allowed on the bed during or after backfill.
- 5) The manifold pipe connecting the perforated pipe shall be installed as shown.
- 6) The perforated pipe shall be field perforated and installed per drawings.
- 7) Each row of modules shall have one inspection port.
- 8) The contractor shall provide the Owner's Representative with a minimum of 24 hours notice on the need for inspection prior to final backfill of the underground tanks and pressurized, in-drain module mound installation. Backfill prior to inspection and approval of the Owner's Representative will be cause for rejection of the construction for payment until dispute work is uncovered for inspection purposes. **THIS INSPECTION DOES NOT RELIEVE THE CONTRACTOR FROM OBTAINING A PERMIT FROM NMED AND COORDINATING ALL REQUIREMENTS AND INSPECTIONS BY THE PERMIT.**

F) As-built drawings shall be furnished by the contractor to the Owner's Representative and shall include two swing ties from permanent structures or facilities to each of the following:

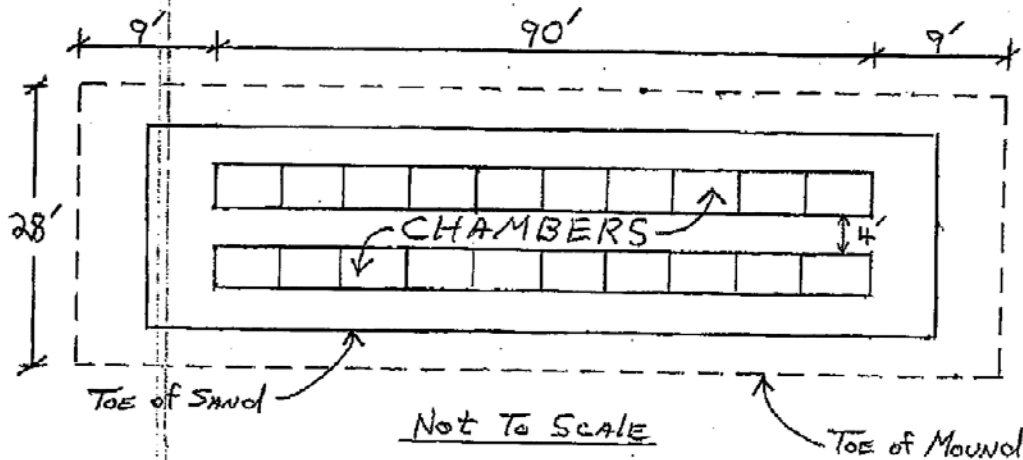
- 1) Manholes on tanks
- 2) All cleanouts, bends, wyes and tees
- 3) Inspection ports on mound
- 4) End caps on in-drain modules
- 5) Intersections with other utilities



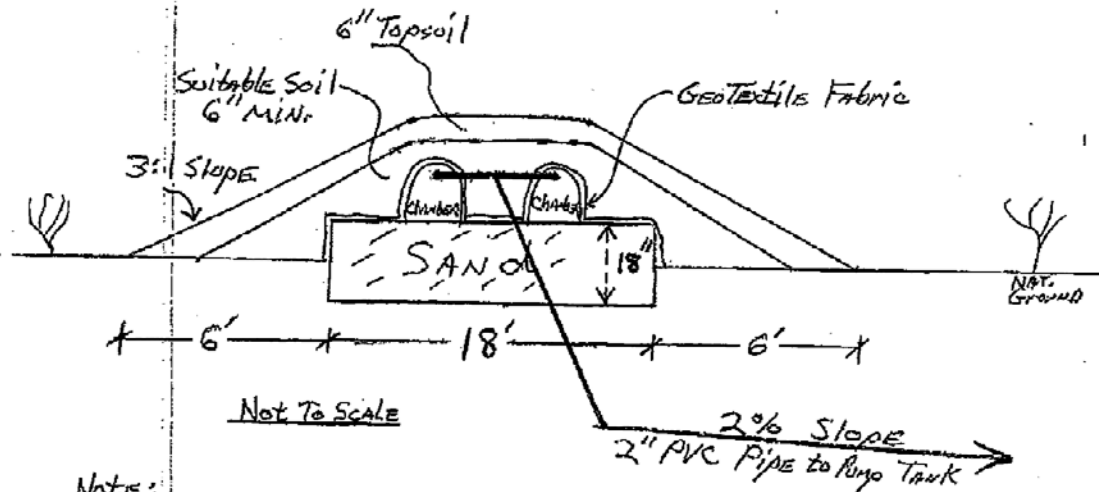
# Mound Specs

## Disposal Field

### Mound PLAN VIEW



### Mound X-SECTION



NOTE;

4' SPACE BETWEEN CHAMBERS, 2" PVC PIPE hung at top of Chambers shall be perforated as specified and facing up.

## Mound Specs

### Wastewater System For Arroyo Seco Community Center (Taos County)

The proposed Wastewater System will serve two buildings that make up the Arroyo Seco Community Center. The total estimated flow from these buildings is approximately 800 GPD. The size of the Parcel is approximately 1.88 acres. The system will consist of the following components:

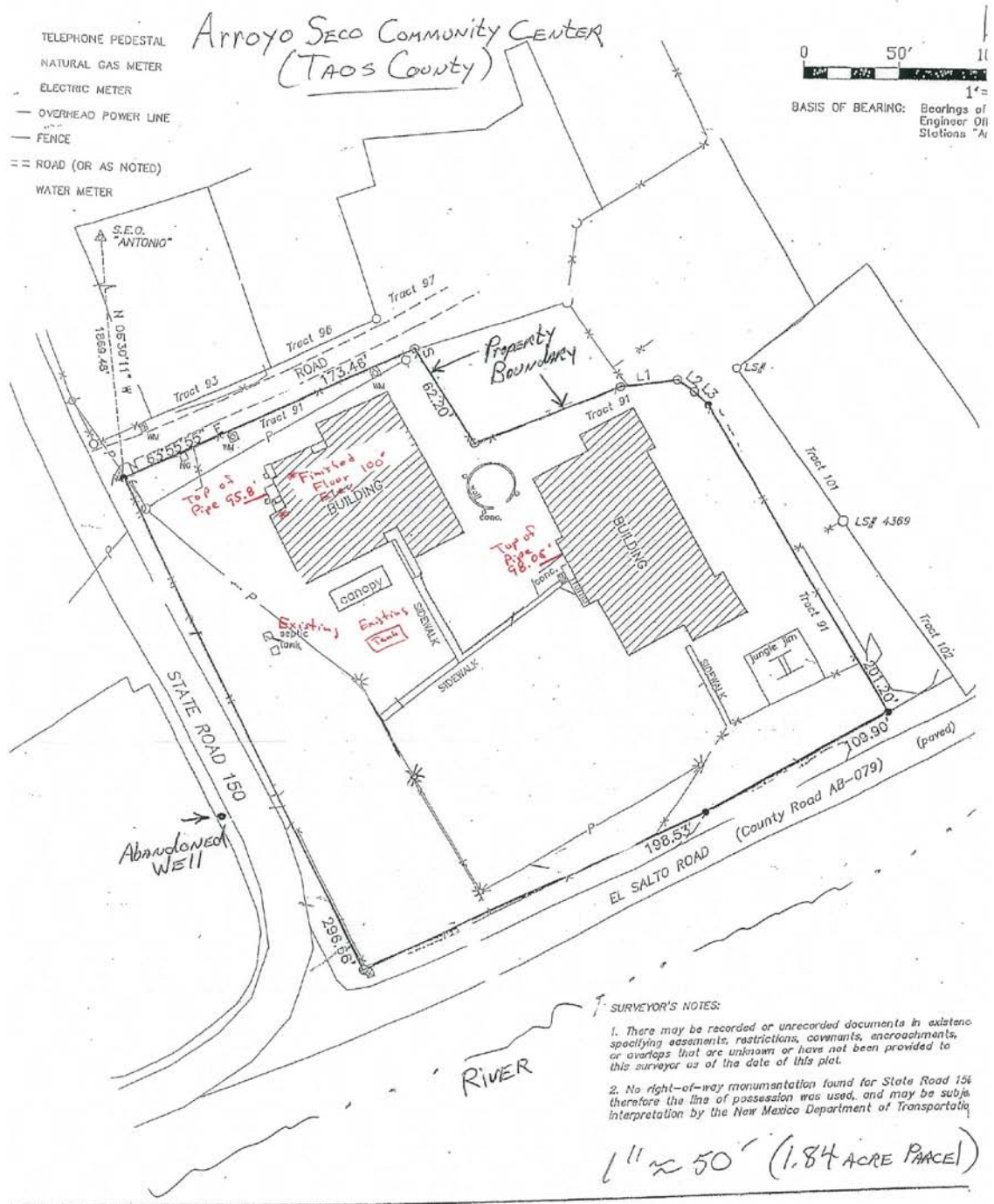
- Two 1200 Gallon Septic Tanks (One for each building) with Septic Tank Filters.
- One 1000 Gallon Pump Tank.
- One Effluent Pump (Hydromatic ¼ HP SHEF50A1 or equivalent) with 2" discharge.
- The 2" pressure pipe will connect in a Tee configuration to the lateral pipes at the center of the mound.
- One disposal field (Mound/Chamber type), see Disposal Field sketch (Plan & X-Section).
- The disposal field will have a foot print of 108' x 28', it will be a mound with the base being Imported sand, High-Capacity Chambers, GeoTextile fabric, suitable soil and topsoil. The slopes of the mound will be 3:1 or less. (See X-Section)
- The bottom of the disposal field will be a sand bed of approximately 18'w x 96'l x 18" deep. This is approximately 1728 square feet or .46 gal./sqft. of disposal field area.
- A high-water alarm for the Pump Tank needs to be installed and it needs to be on a separate electrical circuit from the pump.
- Two inch pvc pipe will discharge from 3/16" orifices drilled on site spaced 24" O.C. inside the High-Capacity Chambers. The pipe will be hung in the Chambers and the orifices will be pointed upwards.
- Two 4" vertical pvc pipes will be used as observation ports. They should extend from the bottom of the sand to 12" above the ground and be capped. The bottom 2' of the observation port should be perforated.

#### Additional Information

The existing Septic tank will be abandoned on-site.

The soil mapping unit where the disposal field will be placed is CaB (Caruso, variant silty clay loam). However, two 4" soil auger holes were dug to 24 and 30 inches respectively and the soil appeared to be sandy loam with gravelly cobbles. The estimated depth to seasonally high water is approximately 4'. Therefore, an above ground mound will be used to dispose of the wastewater effluent.

## Existing System

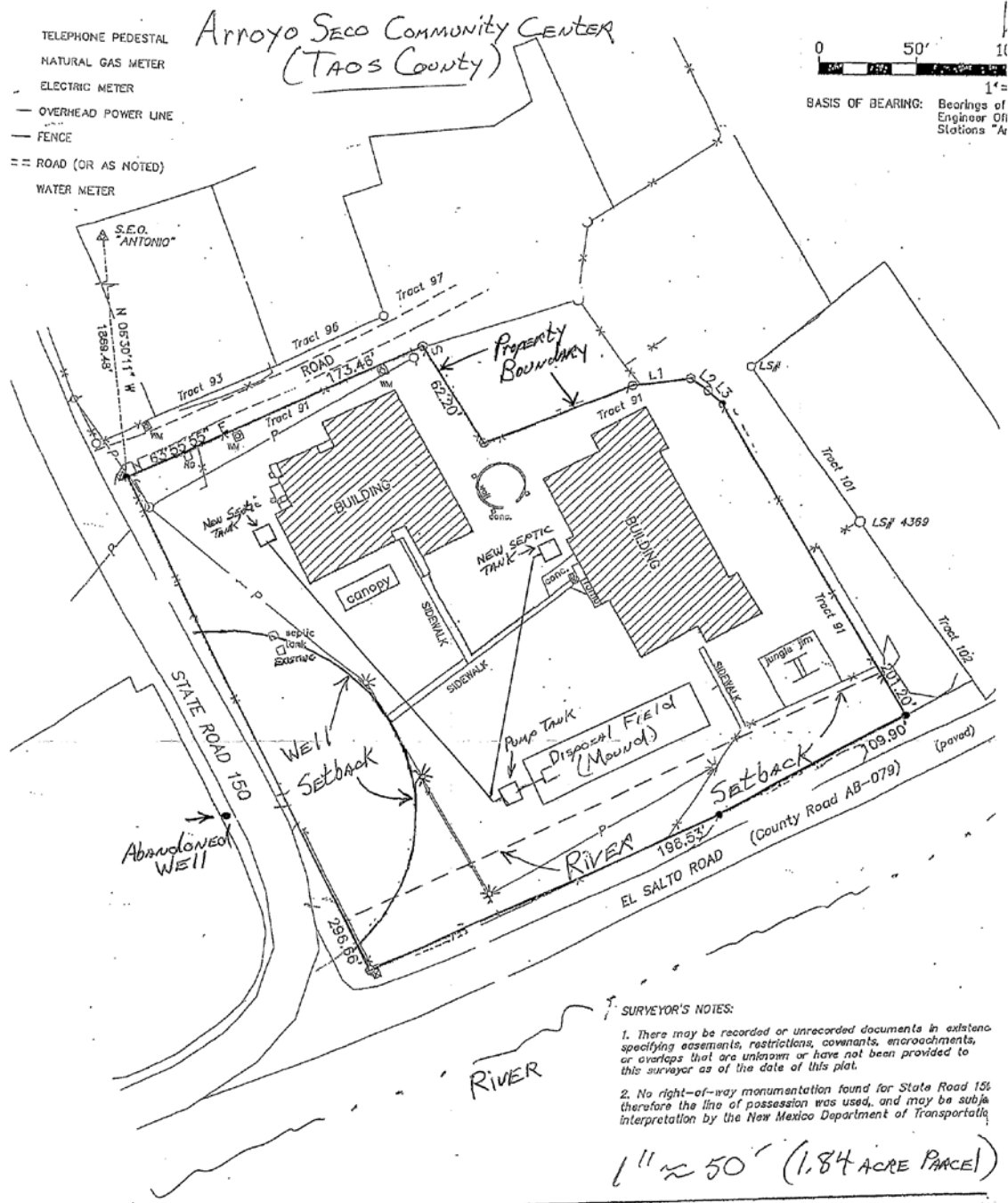


### Arroyo Seco Community Center (Taos County)

The Arroyo Seco Community Center consists of two buildings in need of a new Wastewater System. The Community Center is on a parcel approximately 1.84 acres in size. The Total Wastewater design flow from these two buildings is approximately 800 GPD. The proposed system will consist of two 1200 Gallon Septic Tanks (one for each building) and they will discharge to a 1000 gallon Pump Tank which will contain an effluent pump which will discharge to a Mound type disposal field.

The existing septic tank(s) shall be abandoned. The effluent pump should dose on demand. A high-water alarm for the Pump Tank needs to be installed and it needs to be on a separate electrical circuit. The disposal field will be mound type with acceptable fill material. (See plans and specifications for further project details).

## Proposed System



### Arroyo Seco Community Center (Taos County)

The Arroyo Seco Community Center consists of two buildings in need of a new Wastewater System. The Community Center is on a parcel approximately 1.84 acres in size. The Total Wastewater design flow from these two buildings is approximately 800 GPD. The proposed system will consist of two 1200 Gallon Septic Tanks (one for each building) and they will discharge to a 1000 gallon Pump Tank which will contain an effluent pump which will discharge to a Mound type disposal field.

The existing septic tank(s) shall be abandoned. The effluent pump should dose on demand. A high-water alarm for the Pump Tank needs to be installed and it needs to be on a separate electrical circuit. The disposal field will be mound type with acceptable fill material. (See plans and specifications for further project details).

## Septic Abandonment Form

B. Setback distances to watercourses, canals and arroyos shall be measured from the edge of the seasonal high water flow to the on-site liquid waste system component. Setback distances to artificially controlled lakes or reservoirs shall be measured from the closest projected shoreline at the maximum controlled water level.  
[20.7.3.302 NMAC - Rp, 20.7.3.303 NMAC, 9/1/05; A, 4/1/07]

### 20.7.3.303 STANDARDS; CLEARANCE REQUIREMENTS:

A. Seasonal high ground water levels and seasonal high water flows shall be determined by the department either by direct observation, by the presence of mottling in the soil profile, by reliance upon the findings of a qualified professional or upon published scientific material, well records or other sources acceptable to the department. The department may adjust the measured water table to compensate for factors such as season, drought, irrigation or flooding. Compliance with seasonal high ground water table and seasonal high water flow clearances in this section shall be based on the best-documented evidence available to the department at the time of installation or modification.

B. No conventional on-site liquid waste system shall discharge liquid waste into the soil where the vertical clearance from the bottom of the absorption area to seasonal high ground water table, impervious formation or other limiting layer is less than four (4) feet of suitable soil. A reduction in this clearance may be allowed with appropriate advanced treatment or alternative disposal.

C. Unlined privy pits shall provide a clearance of no less than four (4) feet of suitable soil from the bottom of the excavation to the seasonal high ground water table, the seasonal high water flow, impervious formation or other limiting layer.

[20.7.3.303 NMAC - Rp, 20.7.3.304 NMAC, 9/1/05]

### 20.7.3.304 STANDARDS; PROHIBITIONS:

A. No person shall introduce into an on-site liquid waste system household hazardous wastes, solvents, fertilizers, livestock wastes or other materials of a composition or concentration not generally considered liquid waste as defined in 20.7.3 NMAC.

B. Liquid waste treatment additives shall not be used as a means to reduce the frequency of proper maintenance and removal of septage from a treatment unit.

[20.7.3.304 NMAC - Rp, 20.7.3 NMAC, 308, 309, 9/1/05]

### 20.7.3.305 STANDARDS; WASTE INTERCEPTORS:

A. When liquid wastes are discharged containing excessive amounts of grease, garbage, flammable wastes, sand or other ingredients that may affect the operation of an on-site liquid waste system, an interceptor for such wastes shall be installed in-line prior to the liquid waste treatment unit.

B. Installation of such interceptors shall comply with the uniform plumbing code.

C. Interceptors shall be installed in locations that meet minimum setback and clearance requirements of Table 303.1.

D. Waste interceptors shall be maintained in accordance with manufacturer's specifications and require a maintenance contract to be in effect at all times.

[20.7.3.305 NMAC - Rp, 20.7.3.407 NMAC, 9/1/05]

20.7.3.306 STANDARDS; SEPTAGE: Disposal of septage shall not cause a hazard to public health nor degrade a body of water. Transport and disposal of septage shall be in conformance with applicable federal, state and local regulations.

[20.7.3.306 NMAC - Rp, 20.7.3.307 NMAC, 9/1/05]

### 20.7.3.307 STANDARDS; ABANDONED SEWERS AND ON-SITE LIQUID WASTE SYSTEMS:

A. Every abandoned building sewer, or part thereof, shall be plugged or capped within five (5) feet of the property line using a cap or plug prescribed by the uniform plumbing code.

B. Every cesspool, holding tank, septic tank, seepage pit or other liquid waste treatment unit that has been abandoned or has otherwise been discontinued from further use or to which no waste or building sewer from a plumbing fixture is connected shall have the liquid waste pumped there from and properly disposed. The bottom of the unit shall be opened or ruptured, or the entire unit collapsed so as to prevent the unit from retaining water. The unit shall be completely filled with earth, sand, gravel, concrete or other approved material.

C. The top cover or arch over the cesspool, holding tank, septic tank, seepage pit or other liquid waste treatment unit shall be removed or collapsed before filling and the filling shall not extend above the top of the

## Septic Abandonment Form

vertical portions of the sidewalls or above the level of any outlet pipe until inspection or authorization by the department. After such inspection or authorization, the cesspool, holding tank, septic tank, seepage pit or other liquid waste treatment unit shall be filled to the level of the top of the ground.

D. Where on-site treatment systems are abandoned consequent to connecting any premises with a public sewer, the permittee making the connection shall fill all abandoned treatment units as required by the department within 30 days from the time of connection.

[20.7.3.307 NMAC - Rp, 20.7.3.410 NMAC, 9/1/05]

20.7.3.308 through 20.7.3.400 [RESERVED]

### 20.7.3.401 PERMITTING; GENERAL REQUIREMENTS:

A. No person shall install or have installed a new on-site liquid waste system or modify or have modified an existing on-site liquid waste system, unless that person obtains a permit issued by the department prior to construction of such installation or modification. Failure to obtain the required permit may result in the initiation of enforcement actions by the department.

B. No person shall construct or modify a residential or commercial unit on, or transport a residential or commercial unit onto, a lot for which an on-site liquid waste system is required unless the department has issued an on-site liquid waste system permit prior to such construction, modification or transportation.

C. No person shall construct, install or modify an on-site liquid waste system unless that person holds a valid and appropriate classification of contractor's license issued by the New Mexico construction industries division, except that a homeowner may install or modify permitted septic tanks and conventional trench or bed disposal fields. Once the department has developed a certification program pursuant to 20.7.3.904 NMAC, the contractor shall comply with the certification requirements of that section prior to constructing, installing or modifying any on-site liquid waste system. Once the department has developed a homeowner certification program pursuant to 20.7.3.904 NMAC, a homeowner shall comply with the homeowner certification requirements prior to constructing, installing or modifying an on-site liquid waste system. A homeowner who self-installs a system shall not compensate any person to perform any phase of the system construction, unless that person holds a valid and appropriate classification of contractor's license issued by the New Mexico construction industries division and has complied with the department's certification requirements. Obtaining a permit from the department for the installation or modification of an on-site liquid waste system does not relieve any person from the responsibility of obtaining any other approval, license or permit required by state, city or county regulations or ordinances or other requirements of state or federal laws.

D. A permit is not required for graywater discharges or for systems designed for the discharge of graywater that meet the requirements of 20.7.3.810 NMAC.

E. Any person seeking a permit shall do so by submitting an application to the field office of the department having jurisdiction for the area where the system is to be installed or modified. The application shall be:

(1) made on a form provided by the department;

(2) accompanied by the recorded deed or other recorded description and such other relevant information as the department may reasonably require to establish lot size, boundaries, date of record and ownership; and

(3) signed by the applicant or their authorized representative.

F. The department shall require complete and accurate information before a permit is issued for an on-site liquid waste system.

G. The department shall deny the application if the proposed system will not meet the requirements of 20.7.3 NMAC.

H. The department shall maintain a file of all permits issued and applications denied. The file shall be open for public inspection.

I. All systems shall be installed, operated and maintained in accordance with the permit and applicable regulations.

J. Unpermitted conventional systems installed prior to February 1, 2002 may be issued a certificate of registration for continued operation if:

(1) the treatment unit is pumped and inspected utilizing a department approved form and meets the requirements in effect at the time of the initial installation;

(2) the disposal system appears to be functioning properly; and

(3) the appropriate permit fee is paid for the system installed.

K. Unpermitted conventional systems installed on or after February 1, 2002 may be permitted if:

# Septic Abandonment Form



STATE OF NEW MEXICO  
ENVIRONMENT DEPARTMENT  
ENVIRONMENTAL HEALTH DIVISION  
ON-SITE LIQUID WASTE SYSTEM ABANDONMENT



NMED Permit No.: \_\_\_\_\_

System Owner's Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

**BUILDING SEWER:**

\_\_\_\_\_ Connected to Sewer Lines or Plugged/Capped based on UPC Requirements

**ON-SITE LIQUID WASTE SYSTEM TYPE:**

☐ Septic Tank    ☐ Sec./Tert. Treatment Unit    ☐ Holding Tank  
☐ Seepage Pit    ☐ Other    ☐ Cesspool

**ABANDONMENT PROCEDURE:**

\_\_\_\_\_ System Pumped  
\_\_\_\_\_ Bottom of System Opened or Ruptured or Unit Collapsed  
\_\_\_\_\_ System filled with Earth, Sand, Gravel, Concrete, or Other Approved Material  
\_\_\_\_\_ Top Cover Removed or Collapsed  
\_\_\_\_\_ System Filled to the Top of Sidewalls or above the Level of any Outlet Pipe  
\_\_\_\_\_ System Filled Level with Top of Ground Surface

**COMMENTS/VIOLATIONS:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**ABANDONMENT PERFORMED BY:**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

**NMED ACTION TAKEN:**

☐ Abandonment Approved  
☐ Abandonment Approved w/conditions (See Comments/Violations)  
☐ Abandonment Not Approved (See Comments/Violations)

**FINAL APPROVAL:**

☐ Granted    ☐ Not Granted

\_\_\_\_\_  
NMED Inspector                      Date

OK - If Abandoned and meets Requirements	N/C - Not Compliant
NI - Not Inspected	N/V - Not Verified
N/A - Not Applicable	

**BID ITEM # 2**  
**EXTERIOR WALL REPAIR AND MISCELLANEOUS OTHER ITEMS**  
**ARROYO SECO/VALDEZ COMMUNITY CENTER**

**SUMMARY OF WORK**

**WORK COVERED BY CONTRACT DOCUMENTS:**

The Work of this Contract comprises of the general construction of selected deteriorating adobe wall construction on the exterior wall of an existing building and Miscellaneous other items.

The Work includes, but is not limited to:

**Description of Work**

**Phase Three:**

Removal and Replacement of existing parapet wall and exterior and parapet wall plaster (extent as shown on the drawings: approximately 25 l.f., to be verified in field). Provide and construct with new stabilized adobe units, a new parapet wall complete with Concrete Parapet Bond Beam, Concrete Vertical Ties and Portland Cement Plaster and Stucco on exterior surfaces of same. Provide associated roof flashing and roof patching materials as necessary at roof deck/new parapet juncture for a watertight assembly. Remove and Replace Crawl Space Grilles. Provide and install Mechanical Exhausters for moisture and radon removal from underfloor crawl spaces. Remove existing plaster from portion of wall on East Elevation of approximately 7'-6" l.f. in length, to be verified in field, by full height of wall from 16" below finish grade. County's Project Representative and Architect to observe the uncovered condition of the wall. Contractor shall provide replacement Portland Cement Plaster and Stucco to this area after observation of wall condition.

(Add Alternate No.1) Removal and Replacement of existing adobe walls and parapet wall of the East and North corner walls of the existing building and associated plaster finishes. (extent as shown on the drawings: approximately 36 l.f., to be verified in field). Remove existing Concrete Apron at east wall (approximately 30 l.f., to be verified in field). Provide and construct with new stabilized adobe units, new walls and associated parapet walls, including new concrete footings and concrete bond beams. Provide and apply Portland Cement Plaster and Stucco over 1-1/2 " thick rigid insulation panel assembly at exterior surfaces and smooth finish mud plaster on interior surfaces of new walls. Provide associated roof flashing and roof patching materials as necessary at roof deck/new parapet juncture for a watertight assembly. Replacement of existing electrical outlets as necessary.

Before any renovation of the walls take place, there must be proper and adequate roof shoring and support and wall shoring in place. Contractor shall provide all necessary shoring of existing building structure to prevent collapse of remaining building structure and related building elements. He shall provide all safeguards and protection of all personnel and building elements as per all codes and OSHA requirements.

**The specifications are set out in greater detail in the project manual and plans available thru The Taos County Purchasing Department.**



Form RD 1924-18 (Rev. 6-97)		UNITED STATES DEPARTMENT OF AGRICULTURE RURAL DEVELOPMENT FARM SERVICE AGENCY  <b>PARTIAL PAYMENT ESTIMATE</b>		CONTRACT NO. _____  PARTIAL PAYMENT ESTIMATE NO. _____  PAGE _____	
OWNER: _____		CONTRACTOR: _____		PERIOD OF ESTIMATE FROM _____ TO _____	
CONTRACT CHANGE ORDER SUMMARY				ESTIMATE	
No.	Agency Approval Date	Amount		1. Original Contract _____ 2. Change Orders _____ 3. Revised Contract (1 + 2) _____  4. Work Completed* _____ 5. Stored Materials* _____ 6. Subtotal (4 + 5) _____  7. Retainage* _____ 8. Previous Payments _____ 9. Amount Due (6-7-8) _____ <i>* Detailed breakdown attached</i>	
		Additions	Deductions		
TOTALS					
NET CHANGE					
CONTRACT TIME					
Original (days) _____ Revised _____ Remaining _____		On Schedule <input type="checkbox"/> Yes <input type="checkbox"/> No		Starting Date _____ Projected Completion _____	
<b>CONTRACTOR'S CERTIFICATION:</b> The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due.			<b>ARCHITECT OR ENGINEER'S CERTIFICATION:</b> The undersigned certifies that the work has been carefully inspected and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.		
Contractor _____  By _____  Date _____			Architect or Engineer _____  By _____  Date _____		
<b>APPROVED BY OWNER:</b>  Owner _____  By _____  Date _____			<b>ACCEPTED BY AGENCY:</b> The review and acceptance of this estimate does not attest to the correctness of the quantities shown or that the work has been performed in accordance with the contract documents.  By _____  Title _____  Date _____		

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0042. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed and completing and reviewing the collection of information.

RD 1924-18 (Rev. 6-97)

[illegible]

RD 1924-18  
REVERSE

Form RD 1924-7  
(Rev. 2-97)

UNITED STATES DEPARTMENT OF AGRICULTURE  
RURAL DEVELOPMENT AND  
FARM SERVICE AGENCY

CONTRACT CHANGE ORDER

FORM APPROVED  
OMB NO. 0575-0042

ORDER NO.

DATE

STATE

COUNTY

CONTRACT FOR

OWNER

To

(Contractor)

You are hereby requested to comply with the following changes from the contract plans and specifications:

Description of Changes (Supplemental Plans and Specifications Attached)	DECREASE in Contract Price	INCREASE in Contract Price
	\$	\$
TOTALS	\$	
NET CHANGE IN CONTRACT PRICE	\$	

JUSTIFICATION:

The amount of the Contract will be (Decreased) (Increased) By The Sum Of:

Dollars (\$ ).

The Contract Total Including this and previous Change Orders Will Be:

Dollars (\$ ).

The Contract Period Provided for Completion Will Be (Increased) (Decreased) (Unchanged) : Days.

This document will become a supplement to the contract and all provisions will apply hereto.

Requested (Owner)

(Date)

Recommended (Owner's Architect/Engineer)

(Date)

Accepted (Contractor)

(Date)

Approved by Agency (Name and Title)

(Date)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-01042. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

- ☐ ORIGINAL-BORROWER'S CASE FOLDER  
☐ COPY-CONTRACTOR  
☐ COPY-BORROWER

POSITION 6

Form RD 1924-7 (Rev. 2-97)

**BUILDER'S WARRANTY**

Names and Address of Purchasers or Owners

Property

For good and valuable consideration, the undersigned Warrantor hereby warrants to the Purchasers or Owners identified above and to the successors or transferees, all of whom are hereinafter referred to as Owners that:

The building, including appurtenances located on the property identified above, is constructed or improved in substantial conformity with the drawings and specifications which have been accepted in writing by the respective USDA Agency. This warranty applies to all workmanship, materials, and the installation of equipment (including, but not limited to, the heating system, water heater, ranges and refrigerator).

The Owners shall give written notice to the Warrantor promptly after the discovery of any defective condition. Such written notice must be given to the Warrantor during the period of warranty. The period of warranty shall be (a) in the case of new construction or rehabilitation, one year from the date of initial occupancy of the completed or rehabilitated building, or (b) in the case of improvements made to an existing building owned by the Owners prior to the improvements being made, one year from the date of the completion of the work.

It is agreed and understood that this warranty shall apply only to those defective conditions of which the Warrantor has been given written notice during the period of warranty.

Warrantor further agrees that warrantor will take any necessary actions to correct such defective conditions within \_\_\_\_\_ days

of receipt of written notice. If such action is not taken within \_\_\_\_\_ days, the Owners may, at their option, contract with another party for the correction of the defects. Warrantor agrees to pay any expenses incurred by the Owners to correct defects covered by this warranty.

This warranty shall be in addition to, and in no way reduce, all other rights and privileges which such Owners may have under any other law or instrument, and shall be binding on the Warrantor notwithstanding any provision to the contrary contained in the contract of purchase or any other instrument executed by the Owners.

This warranty is executed, in part, for the purpose of inducing the United States Department of Agriculture, (USDA) to make, insure, or guarantee a loan on the Property.

If this warranty is signed by anyone other than the Warrantor, the person signing for the Warrantor represents and certifies that the person is authorized to execute same by the Warrantor and by the person's signature the Warrantor is bound under the terms and conditions of this warranty

NOTES: A- The warrantor must complete all three copies except dates, meet with owner to agree on notification period, sign and give to the Owner with the final request for payment.

Owner must meet with Warrantor to agree on warranty notification period and to date and sign the warranty, owner must retain original, and forward one copy to contractor, and one to the respective USDA Agency with the final request for payment.

B. This warranty shall be required in all cases involving new construction or rehabilitation of buildings including those built under contract, those built for sale without the respective USDA Agency's required construction inspections and those under conditional commitment procedures.

**WARNING**

Section 1001 of Title 18, United States Code provides: "Whoever, in any matter within the jurisdiction of any department or agency of the United States knowingly and willfully ... makes any false, fictitious or fraudulent statements or representation, or makes or uses any false writing or document knowing the same to contain any false, fictitious or fraudulent statement or entry, shall be fined not more than \$250,000 or imprisoned not more than five years, or both."

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0042. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

POSITION 6

RD 1924-19 (Rev. 1-00)

In addition to the preceding warranty, the following items are covered by a company warranty or guarantee as follows:

Item	Serial & Model No.	Name and Address of Company	No. Yrs. or Mos. of Warranty
Heating System			
Kitchen Range			
Water Heater			
Refrigerator			
Manufactured Home			
Other			
Other			

**NOTICE TO OWNERS: ANY NOTICE OF DEFECTIVE WORKMANSHIP, MATERIALS OR NONCONFORMITY MUST BE DELIVERED TO THE WARRANTOR NO LATER THAN**

(Warrantor shall insert date one (1) year from initial occupancy, date of conveyance of title or date of completion, whichever is applicable.) All plastic pipe used in this job will carry a 5-year warranty from the date shown by the Warrantor above.

We have furnished the above company warranties or guarantees to the Owners for their use. If this warranty covers a manufactured home, we certify that the manufactured home property substantially complies with the plans and specifications and the manufactured home sustained no hidden damage during transportation and, if manufactured in separate sections, that the sections were properly joined and scaled according to the manufacturer's specifications.

The Warrantor has signed this warranty this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
(Warrantor's Address) (SEAL)  
Warrantor (Signature & Title)

Receipt of this warranty is acknowledged this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
Owner(s)

Date \_\_\_\_\_

Dear Sir:

I hereby acknowledge the receipt of \_\_\_\_\_ dollars  
(\$ \_\_\_\_\_) in full payment of my contract dated \_\_\_\_\_ for improvement work which I did for you and  
which is described in my contract.

I certify that I have paid in full for all materials purchased and all labor employed in the performance of this contract, and that there  
are no claims against me under this contract on account of injuries sustained by workers employed by me or by subcontractors  
thereunder. I hereby release you from any claims arising by virtue of this contract.

I am attaching Form RD 1924-10, "Release by Claimants," signed by all persons from whom I have purchased materials and by all  
subcontractors and all persons employed in connection with my contract with the above-named borrower.

**WARNING**

**The statements and representations made above are made in connection with construction financed in whole or  
in part by the United States Department of Agriculture (USDA). The statements and representations will be  
used to determine the release of USDA provided funds. The making of any false statement or misrepresentation  
herein may be a crime punishable under Title 18 U.S.C. § 1001 which provides in part: "Whoever, in any matter  
within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals or  
covers up by any trick, scheme, or device a material fact, or makes any false, fictitious or fraudulent statements or  
representations, or makes or uses any false writing or statement or entry, shall be fined under [title 18 of the United  
States code] or imprisoned not more than five years, or both.**

Sincerely,

\_\_\_\_\_  
Contractor

Position 6

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0575-0042. The time required to complete this information collection is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

RD 1924-9 (Rev. 1-98)

**BID # B-2012-07**

**SECTION VII:  
State Wage Rates**

SUSANA MARTINEZ  
GOVERNOR



CELINA BUSSEY  
SECRETARY

JOHN SANCHEZ  
LT. GOVERNOR

STATE OF NEW MEXICO  
DEPARTMENT OF WORKFORCE SOLUTIONS  
625 Silver Ave SW Suite 410  
Albuquerque, NM 87102  
Telephone (505) 841-4405  
Fax (505) 841-4420

## 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 assigned by statute to each project stakeholder.

### Contracting Agency

- Ensure that all contractors wishing to bid on a Public Works project valued at more than \$60,000 are registered with the Labor Relations Division, Labor Enforcement Fund (LEF) prior to bidding.
- Provide completed Notice of Award (NOA) to Labor Relations Division within 3 (Three) days of this project being awarded.

### General Contractor

- Provide to Labor Relations Division within 3 (Three) days a complete sub-contractor list and Statements of Intent (SOI) to pay Prevailing Wages.
- Ensure that all sub-contractors wishing to bid on a Public Works project valued at more than \$60,000 are registered with the Labor Relations Division prior to bidding.
- Submit weekly certified payrolls to the owner/contracting agency.
- NM Apprenticeship and Training Fund payments are to be paid to either an approved Apprenticeship program or to the Labor Relations Division.
- The Wage Rate poster must be displayed at the job site in an easily accessible place.
- When a project has been completed, Affidavits of Wages Paid (AWP) need to be sent to the Labor Relations Division.

### Sub-Contractor

- Ensure that all sub-contractors wishing to bid on a Public Works project valued at more than \$60,000 are registered with the Labor Relations Division prior to bidding.
- Submit weekly certified payrolls to the General Contractors.
- NM Apprenticeship and Training Fund payments must be paid to either an approved Apprenticeship program or the Labor Relations Division.

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### **Additional Information**

Reference material and forms for these requirements are available through the following New Mexico Workforce Solutions Web Link.

[www.dws.state.nm.us/new/Labor\\_Relations/publicworks.html](http://www.dws.state.nm.us/new/Labor_Relations/publicworks.html).

### **Additional Information**

Additional information, requirements, and documents on these topics can be found through the Public Works web pages.

- Labor Enforcement Fund (LEF)
- Weekly Certified Payroll
- Public Works Apprenticeship and Training Fund (PWAT)
- Forms: Statement of Intent (SOI), Affidavit of Wages Paid (AWP)
- Prevailing Wage Rates (Base Rates, Fringe, and Apprenticeship Contributions)

### **CONTACT INFORMATION**

Contact us for any questions relating to Public Works Projects.

Kim Kew at [kim.kew@state.nm.us](mailto:kim.kew@state.nm.us) or 505-841-4405  
Patricia Barela [patricia.barlea@state.nm.us](mailto:patricia.barlea@state.nm.us) or 505-841-4409  
Otis Caddy [LynnO.Caddy@state.nm.us](mailto:LynnO.Caddy@state.nm.us) 505-841-4406

"AN EQUAL OPPORTUNITY EMPLOYER"

Revision Date 2-15-12

SUSANA MARTINEZ  
GOVERNOR



CELINA BUSSEY  
SECRETARY

JOHN SANCHEZ  
LT. GOVERNOR

STATE OF NEW MEXICO  
DEPARTMENT OF WORKFORCE SOLUTIONS  
Public Works Bureau  
625 Silver Ave SW, Suite 410  
Albuquerque, NM 87102  
(505) 841-4400 / FAX (505) 841-4423

**NOTICE TO ALL PUBLIC WORKS CONTRACTORS**  
**PERTINENT INFORMATION IN ACCORDANCE WITH THE NM PUBLIC WORKS  
MINIMUM WAGE ACT**

The Public Works Bureau insures compliance of the Public Works Minimum Wage Act (13-4-11 through 13-4-17, NMSA 78). This office issues prevailing wage rates for each project for inclusion in the bid documents. After a project contract is signed, the **Notification of Award (NOA)** and **Subcontractor List** must be completed and sent to the Public Works Bureau by the Contracting Agency or its agent. The **Statement of Intent to Pay Prevailing Wages** must be completed by the contractors performing work on the project and sent through the General Contractor to the Public Works Bureau. A Statement of Intent to Pay Prevailing Wages is required from each construction contractor before they start work on a state or locally funded construction project costing a total of \$60,000 or more. Every contractor (general, sub, second tier, etc.) must pay those rates through weekly payment and payroll.

Wage rates include a base rate and a fringe rate of pay. In many cases, an additional cost to the contractor is an apprenticeship contribution rate per hour for both journeyman and apprentices. A **monthly apprenticeship contribution compliance form and check for payment** (when applicable) is required and should be sent to NMDWS, Public Works Bureau, PO Box 27428, Albuquerque, NM 87125-7428. After a contractor completes work on a project, but before his final payment, an **Affidavit of Wages Paid** must be completed and sent to the Public Works Bureau – through the General Contractor.

Each employee must receive the full base and fringe rate per hour for all hours worked in their job classification, regardless of the qualifications or license held. The only exception is for workers with a current certification in approved apprenticeship programs. The apprentice must also receive the full benefit of the fringe rate. Fringe benefits may also be paid into approved health benefit programs, pension programs, life insurance programs, company holiday and vacation programs and/or training programs that are not apprenticeship programs (i.e.: an OSHA 10 safety program). If fringe benefits are paid to a third-party account, the employee must have quarterly statements provided to them. The third way of paying fringe benefits, is to pay as a combination of cash and into approved programs. This office will sometimes ask for complete breakdowns of all payment to insure total compliance.

The minimum wage, or greater, as shown on individual wage decisions must be paid. "In addition, the contractor, subcontractor employer or any person acting as a contractor shall be liable to any affected employee for liquidated damages in the sum of one hundred dollars (\$100.00) for each calendar day on which a contractor, subcontractor, employer or any person acting as a contractor has willfully required or permitted an individual laborer or mechanic to work in violation of the provisions of the Public Works Minimum Wage Act" (13-4-14.C, NMSA 78). When questions arise about the requirements of the Act or the Public Works Minimum Wage Act Policy Manual they must be resolved as soon as possible. If you have questions, please call (505) 841-4405.

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# **TYPE "A" - STREET, HIGHWAY, UTILITY & LIGHT ENGINEERING**

*Effective January 1, 2012*

Trade Classification	Base Rate	Fringe Rate
Bricklayer/Blocklayer/Stonemason	17.74	0.26
Carpenter/Lather	15.99	0.44
Cement Mason	15.52	0.26
Ironworker	21.77	6.03
Painter (Brush/Roller/Spray)	17.56	0.44
<b>Electricians (outside)</b>		
Groundman	26.79	11.03
Equipment Operator	29.61	11.03
Lineman/Wireman or Tech	30.20	11.03
Cable Splicer	31.38	11.03
Plumber/Pipefitter	28.30	4.07
<b>Laborers</b>		
Group I	13.73	0.35
Group II	14.03	0.35
Group III	14.43	0.35
<b>Operators</b>		
Group I	15.74	0.26
Group II	15.94	0.26
Group III	16.52	0.26
Group IV	16.54	0.26
Group V	16.53	0.26
Group VI	16.69	0.26
Group VII	16.74	0.26
Group VIII	16.89	0.26
Group IX	17.39	0.26
Group X	18.19	0.26
<b>Truck Drivers</b>		
Group I	13.32	0.26
Group II	13.52	0.26
Group III	13.72	0.26
Group IV	13.92	0.26

**NOTE: SUBSISTENCE AND INCENTIVE PAY DO NOT APPLY TO TYPE "A" CONSTRUCTION.**

## Type A construction: Laborers, Operators, and Truck Drivers

### **Laborer classification groups and wage spreads for type "A" construction:**

- (1) Group I (unskilled): -\$0.30: building and common laborer; carpenter tender chainman; rodman; stakedriver; concrete buggy operator (hand); concrete workers; flagman; soil sample tester;
- (2) Group II (semiskilled): (base): wagon, air tract, drill and diamond drillers' tender (outside); air and power tool man (not a carpenter's tool); asphalt heaterman; asphalt jointman; asphalt raker; batching plant scaleman; tenderers (to cement mason and plasterer); chain sawman; concrete power buggyman; concrete touch-up man; concrete sawman - coring mach.; curbing machine, asphalt or cement; cutting torchman; metal form setter-road; grade setter; hod carrier; mortar mixer and mason tender; powderman or blaster helper; sandblaster; scaler; vibratorman (hand type); vibratory compactor (hand type); window washer; nurseryman-gardener; wagon, air tract, drill and diamond driller (outside); roadway hardware worker;
- (3) Group III (miscellaneous): +\$0.40: gunite pumpcreteman and nozzle man; multi-plate setter; manhole builder; pipelayer; powderman-blaster-makeup; landscaper; traffic control technician; laboratory technician.

### **Equipment operator classification groups and wage spreads for type "A" construction:**

- (1) Group I: -\$0.80: concr. paving curing machine;
- (2) Group II: -\$0.60: belt type conveyors (material and concrete); broom (self prop.); fork lift; grease truck oper.; head oiler; hydro lift; tractor (under 50 drawbar HP with or without attach.); indus. loco. brakeman; front end loader (2CY or less); fireman; oiler; screedman; roller (pull type); mulching machine, roller (self propelled);
- (3) Group III: -\$0.02: concr. paving form grader; concr. paving gang vibrator; concr. paving joint or saw mach.; concr. paving sub grader; tractor with backhoe attachment; subgrade or base finisher; power plant (elec. gen. or welding mach.);
- (4) Group IV: (base): bulldozer (including self-propelled roller with dozer attachment); batch or continuous mix plant (concr., soil cement, or asph.); roller (steel wheel); front end loader (2 through 10CY); scraper oper., motor grader;
- (5) Group V: +\$0.00: asph. distr.; asph. paving or laydown mach.; asph. retort heater; mixer, heavy duty, asph. or soil cement; trenching mach.; clam type shaftmucker; backhoe, clamshell, dragline, gradall, shovel (under 3/4 CY); elevating grader or belt loader; cranes (crawler or mobile) under 20 ton; air compressor (300 CFM and over); crushing screening and washing plants; drlg. mach. (cable core or rotary); mixer, concr. (1 CY and

less); pump (6 in. intake or over); winch truck; hoist (1 drum); indus. loco. motorman; lumber stacker; tractor (50 drawbar HP or over);

(6) Group VI: +\$0.15: concr. paver mixer; hoist (2 drums and over); side boom; traveling crane; piledriver; backhoe, clamshell, dragline, gradall, shovel (3/4 CY to 3 CY); cranes (crawler or mobile) 20 ton to 40 ton; front end loader (over 10 CY); mixer., concr. (over 1 CY); mechanic and/or welder;

(7) Group VII: +\$0.20: concr. slip-form paving mach.; concr. paving finishing mach.; concr. paving longitudinal float; gunite mach.; refrig.; jumbo form or drlg.; stage; slusher; concr. paving spreader; pumpcrete mach.; grout pump oper.;

(8) Group VIII: +\$0.35: mine hoist; bulldozer (multiple units); scraper (multiple units); mucking mach.; backhoe, clamshell, dragline, gradall, shovel (over 3 CY); cranes (crawler or mobile) over 40 tons;

(9) Group IX: +\$0.85: belt loader (CMI type) oper.; pipemobile oper. assistant; derrick, cableway;

(10) Group X: +\$1.65: pipemobile operator; mole operator.

**Truck driver classification groups and wage spreads for type "A" construction:**

(1) Group I: -\$0.20: pick-up truck 3/4 ton or under; warehouseman; dump truck, under 8 cubic yards; flatbed, 1 1/2 ton or under;

(2) Group II: (BASE): dump truck, 8 to 16 cubic yards; tank truck, under 6,000 gallons; flatbed, over 1 1/2 ton;

(3) Group III: +\$0.20: spreader box (self-propelled); distributor (asphalt) transit mix; lowboy, light equipment; off-highway hauler; tank truck, over 6,000 gallons; dump truck, over 16 cubic yards; trailer semi-trailer dump;

(4) Group IV: +\$0.40: diesel-powered transport; lowboy, heavy equipment.

**Type "B" - GENERAL BUILDING      Effective January 1, 2012**

Trade Classification	Base Rate	Fringe Rate	Apprenticeship	Subsistence & Incentive Rates
Asbestos Worker - Heat & Frost Insulator	27.35	10.23	\$0.20	
Boilermaker	18.40	3.78	\$0.20	
Bricklayer/Blocklayer/Stonemason	22.85	6.00	\$0.74	
Carpenter/Lather	20.86	6.25	\$0.36	
Cement Mason	17.72	7.45	\$0.34	
<b>Electricians</b>				
<b>Outside Classifications</b>				
Groundman	22.32	8.62	\$0.36	
Equipment Operator	25.14	8.62	\$0.36	
Lineman/Tech	25.73	8.62	\$0.36	
Cable Splicer	26.91	8.62	\$0.36	
<b>Inside Classifications</b>				
Wireman/Technician	27.80	8.06	\$0.37	Refer to Note 1
Cable Splicer	29.53	8.06	\$0.37	
<b>Sound Classifications</b>				
Installer	23.39	8.31	\$0.24	
Technician	24.94	8.31	\$0.24	
Soundman	27.01	8.31	\$0.24	
Elevator Constructor	33.61	14.99	\$0.24	
Elevator Constructor Helper	15.55	3.56	\$0.25	
Glazier	20.15	4.15	\$0.35	
Ironworker	25.00	10.00	\$0.53	Refer to Note 2
Painter (Brush/Roller/Spray)	16.60	3.88	\$0.36	
Paper Hanger	19.71	8.42	\$0.35	
Drywall Finisher/Taper	19.64	3.91	\$0.34	
Plasterer	18.65	7.15	\$0.35	
Plumber/Pipefitter	28.30	11.00	\$0.63	Refer to Note 3
Roofer	15.18	0.50	\$0.54	
Sheetmetal Worker	26.56	13.41	\$0.45	Refer to Note 4
Soft Floor Layer	20.74	4.40	\$0.35	
Sprinkler Fitter	24.41	11.27	\$0.28	
Tile Setter	14.80	1.20	\$0.00	
Tile Setter Helper	13.00	1.02	\$0.00	
<b>Laborers</b>				
Group I	15.04	4.25	\$0.27	
Group II	15.61	4.25	\$0.27	
Group III	15.91	4.25	\$0.27	
Group IV	16.01	4.25	\$0.27	
Group V	16.21	4.25	\$0.27	
Group VI	16.36	4.25	\$0.27	
<b>Operators</b>				
Group I	28.03	5.16	\$0.50	
Group II	29.07	5.16	\$0.50	
Group III	29.15	5.16	\$0.50	
Group IV	29.21	5.16	\$0.50	
Group V	29.27	5.16	\$0.50	
Group VI	29.37	5.16	\$0.50	
Group VII	29.47	5.16	\$0.50	
Group VIII	30.55	5.16	\$0.50	
<b>Truck Drivers</b>				
Group I	20.56	5.34	\$0.55	
Group II	20.68	5.34	\$0.55	
Group III	20.76	5.34	\$0.55	
Group IV	20.88	5.34	\$0.55	
Group V	20.93	5.34	\$0.55	
Group VI	21.03	5.34	\$0.55	
Group VII	21.13	5.34	\$0.55	
Group VIII	21.27	5.34	\$0.55	
Group IX	21.42	5.34	\$0.55	

**NOTE: SUBSISTENCE AND INCENTIVE RATES BY TRADE & LOCATION**

#1 - Inside Electricians working at a Los Alamos County job site get \$4.10/hr. subsistence pay plus base/fringe. Inside Electricians working at a Lea Co. job site get \$75.00/day subsistence pay plus base/fringe.

#2 - Ironworkers working on projects 50+ miles over the most direct regularly traveled route from Albuquerque, or the employee's home, whichever is closer, shall be paid \$5.00/hr. subsistence plus base/fringe. The "Big I" Interchange in Albuquerque, or the employee's home, respectively shall be used as basing points. The current State of New Mexico Official Highway Map shall be the reference for routes and distances. All of Santa Fe County shall be \$5.00/hr subsistence area.

#3 - Plumbers/Pipefitters working at a Los Alamos County job site get \$.80/hr. incentive pay plus base/fringe.

#4 - Sheet Metal Workers working at a Los Alamos County job site get \$2.00/hr. incentive pay plus base/fringe.

#4 - Sheet Metal Workers living 60+ miles from a San Juan County job site get \$3.00/hr. subsistence pay plus base/fringe. Sheet Metal Workers working 90+ miles from Contractors Homebase & employees home get \$50.00/day subsistence pay plus base/fringe regardless of county.

## Type B and C construction: Laborers, Operators and Truck Drivers

### **Laborer classification groups and wage spreads for type "B" building and type "C" residential construction:**

- (1) Group I: -\$0.87: watchmen;
- (2) Group II (unskilled): -\$0.30: building and common laborers; carpenter tenders; concr. workers; stakedrivers; concr. buggy opr. (hand); flagmen; soil sample tester;
- (3) Group III (semi-skilled): (base): air and power tool opr. (not a carpenter's tool); asbestos remover; asph. heaterman; asph. jointman; asph. raker; batching plant scaleman; chain sawman; concr. touch-up man; concr. sawman - coring mach.; curbing mach. asph. or cement; cutting torchman; metal form setter-road; grade setter; guniting reboundmen; rod and chainmen; concrete power buggy opr.; powderman or blaster helper; sandblaster (pot men); nozzlelemen; scaler; vibratorman (handtype); vibratory compactor (hand type); wagon core and diamond drillers' tenders (outside); window washers; fog mach. opr.; nurseryman-gardener; multi-plate setter; conc. burner; cement mason tenders; hodcarriers; mortar mixers; plaster spreader opr.; plaster tenders; guniting nozzlelemen; pipelayer; pumpcrete nozzlelemen; manhole builder; roadway hardware worker;
- (4) Group IV: +\$0.10: wagon, core, diamond drillers;
- (5) Group V: (miscellaneous): +\$0.30: landscaper; traffic control technician; laboratory technician;
- (6) Group VI: +\$0.45: powdermen and blasters.

### **Equipment operator classification groups and wage spreads for type "B" building construction and type "C" residential construction:**

- (1) Group I: -\$2.52: fireman; oiler; helpers: mechanic, welder, grease truck; screedman; scale oper. such as (bin-a-batch) rubber tired farmtype tractor; tractors under 50 H.P w/o attachments; brakeman; concr. paving curing mach. (bridge type);
- (2) Group II: -\$1.48: rollers; sheepsfoot or pneumatic self propelled w/o dozer; concr. conveyor; service truck opr. (head oiler); air compressor (300 CFM and over); pumps (6" and over); screening plants: concr. mixers (under 1 CY); concr. saw or grinder-span type; hoists, 1 drum; air tugger; elevating belt type loaders; fork-lift lumber stacker; tractor-farm type (under 50 H.P. w/attachments); motorman and industrial locomotive opr.; winch trucks; front end loader (under 2 CY). power plants which generate over 15 KW; welding machines;
- (3) Group III: -\$1.40: bituminous distributors; boilers, retort and hot oil heaters; concr. mixers (1 CY and over). concr. paver (single drum); drlg. equip.; motor graders (rough); shaft and tunnel equip.; refrig., slusher, jumbo form; trenching mach. (all types); pumpcrete and guniting mach.; slipform paver; mech. bull-floats; concr. slab spreading mach.; concr. slab finish. mach.; asph. plants; bitum. finish mach.; crushing plants;
- (4) Group IV: -\$1.34: front end loader (2 thru 10 CY); rollers steel wheeled (all types); bulldozers: scrapers (motor or towed); elevating graders; concr. batching plants; self-propelled rollers, (equipped w/dozer); twin-bowl scrapers and quad 8 or 9 pushers; three bowl scrapers; tractor (farm type) w/hydraulic backhoes;
- (5) Group V: -\$1.28: concr. paver, double drum; cat cranes; hysters; side and swingboom cats; hoist (2 drum); auto fine grader;
- (6) Group VI: -\$1.18: mucking mach. (all types); motor grader-finish;
- (7) Group VII: -\$1.08: hydraulic cranes (with less than 50' of boom - 20 tons and under); steam engineers; loader (front end and over 10 CY); concr. pump (snorkel type);

mechanic welder;

(8) Group VIII: (base): all shovel type equip.: cranes; draglines; backhoes; derricks; guy and stiff leg; pipemobile (#2 opr.); piledriver; hydraulic cranes (20 tons and over); mine hoist (belt loader "CMI" type); cranes, draglines (w/booms and jib over 150'). shovel (wheel type); boring mach. (tunnel or shaft mole); pipemobile.

**Truck driver classification groups and wage spreads for type "B" building construction and type "C" residential construction:**

(1) Group I: -\$0.12: pick-up 3/4 ton and under; service station; lubrication; light tire repair or washer; swamper or riding helper; teamster 2 or 4 up; ambulance driver;

(2) Group II: (base): bus or taxi driver; dump or batch truck, under 8 CY WLC; flatbed (bobtail) 2 ton and under; mechanic and welder helper; forklift under 5 ton MRC;

(3) Group III: +\$0.08: dump trucks (incl. all hwy. and off-hwy.) 8 up to 16 CY WLC; water, fuel or oil trucks less than 3,000 gal.; flatbed (bobtail) over 2 tons;

(4) Group IV: +\$0.20: distributor driver; hvy. tire repair; lumber carrier driver; young buggy or similar equip.; transit mix or agitator 2 or 3 axle bobtail equip.; scissor truck; bulk cement bobtail 2 or 3 axles; semi-trailer driver (flatbed or van single axle); forklift 5 ton and over MRC; field equip. servicemen;

(5) Group V: +\$0.25: dumpster and dumpcrete driver; water, fuel or oil truck (3,000 to 6,000 gal. capacity); lowboy, light equip. driver; euclid type tank wagon (under 6,000 gal.);

(6) Group VI: +\$0.35: vacuum truck; dump trucks (incl. all hwy. and off-hwy.) 16 up to 22 CY WLC;

(7) Group VII: +\$0.45: transit mix or agitator semi or 4 axle equip. driver; flaherty truck type spreader box driver; slurry truck driver; bulk cement driver: semi-doubles: 4 axle bobtail; winch truck and "A" frame; dump trucks (incl. all hwy. and off-hwy.) 22 CY up to 35 CY WLC head field equip. serviceman;

(8) Group VIII: +\$0.59: euclid diesel powered turnarocker; terra cobra; DW 10; DW 20; letourneau pulls and similar diesel powered equip.; lowboy heavy equip. driver; water, fuel or oil trucks (6,000 gal. and over incl. tank wagon drivers); semi-trailer driver (flatbed or van tandems); light equip. mechanic; dump trucks (incl. all hwy. and off-hwy.) 35 CY WLC and over; truck and trailer or semi-trailer (flatbed); eject all driver;

(9) Group IX: +\$0.74: lowboy (heavy equip., double gooseneck); heavy equip. mechanic; welder (body and fender man); warehouseman; material checker-cardexman; expeditor.



**Arroyo Seco/Valdez Community Center: Wage Decision # TA-12-1174 A/B**

Construction of a new EPA Compliant Septic System  
Repair of a parapet wall

**TYPE "A" - STREET, HIGHWAY, UTILITY & LIGHT****ENGINEERING***Effective January 1, 2012*

<b>Trade Classification</b>	<b>Base Rate</b>	<b>Fringe Rate</b>
Bricklayer/Blocklayer/Stonemason	17.74	0.26
Carpenter/Lather	15.99	0.44
Cement Mason	15.52	0.26
Ironworker	21.77	6.03
Painter (Brush/Roller/Spray)	17.56	0.44
<b>Electricians (outside)</b>		
Groundman	26.79	11.03
Equipment Operator	29.61	11.03
Lineman/Wireman or Tech	30.20	11.03
Cable Splicer	31.38	11.03
Plumber/Pipefitter	28.30	4.07
<b>Laborers</b>		
Group I	13.73	0.35
Group II	14.03	0.35
Group III	14.43	0.35
<b>Operators</b>		
Group I	15.74	0.26
Group II	15.94	0.26
Group III	16.52	0.26
Group IV	16.54	0.26
Group V	16.53	0.26
Group VI	16.69	0.26
Group VII	16.74	0.26
Group VIII	16.89	0.26
Group IX	17.39	0.26
Group X	18.19	0.26
<b>Truck Drivers</b>		
Group I	13.32	0.26

Group II	13.52	0.26
Group III	13.72	0.26
Group IV	13.92	0.26

**NOTE: SUBSISTENCE AND INCENTIVE PAY DO NOT APPLY TO TYPE "A" CONSTRUCTION.**

**Type "B" - GENERAL BUILDING Effective January 1, 2012**

Trade Classification	Base Rate	Fringe Rate	Apprenticeship	Subsistence & Incentive Rates
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Asbestos Worker - Heat & Frost Insulator	27.35	10.23		\$0.20
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Boilermaker	18.40	3.78	\$0.20
Bricklayer/Blocklayer/Stonemason	22.85	6.00	\$0.74
Carpenter/Lather	20.86	6.25	\$0.36
Cement Mason	17.72	7.45	\$0.34

**Electricians****Outside Classifications**

Groundman	22.32	8.62	\$0.36
Equipment Operator	25.14	8.62	\$0.36
Lineman/Tech	25.73	8.62	\$0.36
Cable Splicer	26.91	8.62	\$0.36

**Inside Classifications**

Wireman/Technician	27.80	8.06	\$0.37	Refer to Note 1
Cable Splicer	29.53	8.06	\$0.37	

**Sound Classifications**

Installer	23.39	8.31	\$0.24
Technician	24.94	8.31	\$0.24
Soundman	27.01	8.31	\$0.24
Elevator Constructor	33.61	14.99	\$0.24
Elevator Constructor Helper	15.55	3.56	\$0.25
Glazier	20.15	4.15	\$0.35

Ironworker	25.00	10.00	\$0.53	Refer to Note 2
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Painter (Brush/Roller/Spray)	16.60	3.88	\$0.36
Paper Hanger	19.71	8.42	\$0.35
Drywall Finisher/Taper	19.64	3.91	\$0.34
Plasterer	18.65	7.15	\$0.35

Plumber/Pipefitter	28.30	11.00	\$0.63	Refer to Note 3
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Roofer	15.18	0.50	\$0.54
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Sheetmetal Worker	26.56	13.41	\$0.45	Refer to Note 4
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Soft Floor Layer	20.74	4.40	\$0.35
Sprinkler Fitter	24.41	11.27	\$0.28
Tile Setter	14.80	1.20	\$0.00
Tile Setter Helper	13.00	1.02	\$0.00

**Laborers**

Group I	15.04	4.25	\$0.27
Group II	15.61	4.25	\$0.27
Group III	15.91	4.25	\$0.27
Group IV	16.01	4.25	\$0.27
Group V	16.21	4.25	\$0.27
Group VI	16.36	4.25	\$0.27

**Operators**

Group I	28.03	5.16	\$0.50
Group II	29.07	5.16	\$0.50
Group III	29.15	5.16	\$0.50
Group IV	29.21	5.16	\$0.50
Group V	29.27	5.16	\$0.50
Group VI	29.37	5.16	\$0.50
Group VII	29.47	5.16	\$0.50
Group VIII	30.55	5.16	\$0.50

**Truck Drivers**

Group I	20.56	5.34	\$0.55
Group II	20.68	5.34	\$0.55
Group III	20.76	5.34	\$0.55
Group IV	20.88	5.34	\$0.55
Group V	20.93	5.34	\$0.55
Group VI	21.03	5.34	\$0.55
Group VII	21.13	5.34	\$0.55
Group VIII	21.27	5.34	\$0.55
Group IX	21.42	5.34	\$0.55

NOTE: SUBSISTENCE AND INCENTIVE RATES BY TRADE &amp; LOCATION

#1-Inside Electricians working at a Los Alamos County job site get \$4.10/hr. subsistence pay plus base/fringe. Inside Electricians working at a Lea Co. job site get \$75.00/day subsistence pay plus base/fringe.

- #2 Ironworkers working on projects 50+ miles over the most direct regularly traveled route from Albuquerque, or the employee's home, whichever is closer, shall be paid \$5.00/hr. subsistence plus base/fringe. The "Big I" Interchange in Albuquerque, or the employee's home, respectively shall be used as basing points. The current State of New Mexico Official Highway Map shall be the reference for routes and distances. All of Santa Fe County shall be \$5.00/hr. subsistence area.
- #3 - Plumbers/Pipefitters working at a Los Alamos County job site get \$.80/hr. incentive pay plus base/fringe.
- #4 - Sheet Metal Workers working at a Los Alamos County job site get \$2.00/hr. incentive pay plus base/fringe.
- #4- Sheet Metal Workers living 60+ miles from a San Juan County job site get \$3.00/hr. subsistence pay plus base/fringe. Sheet Metal Workers working 90+ miles from Contractors Homebase & employees home get \$50.00/day subsistence pay plus base/fringe regardless of County.

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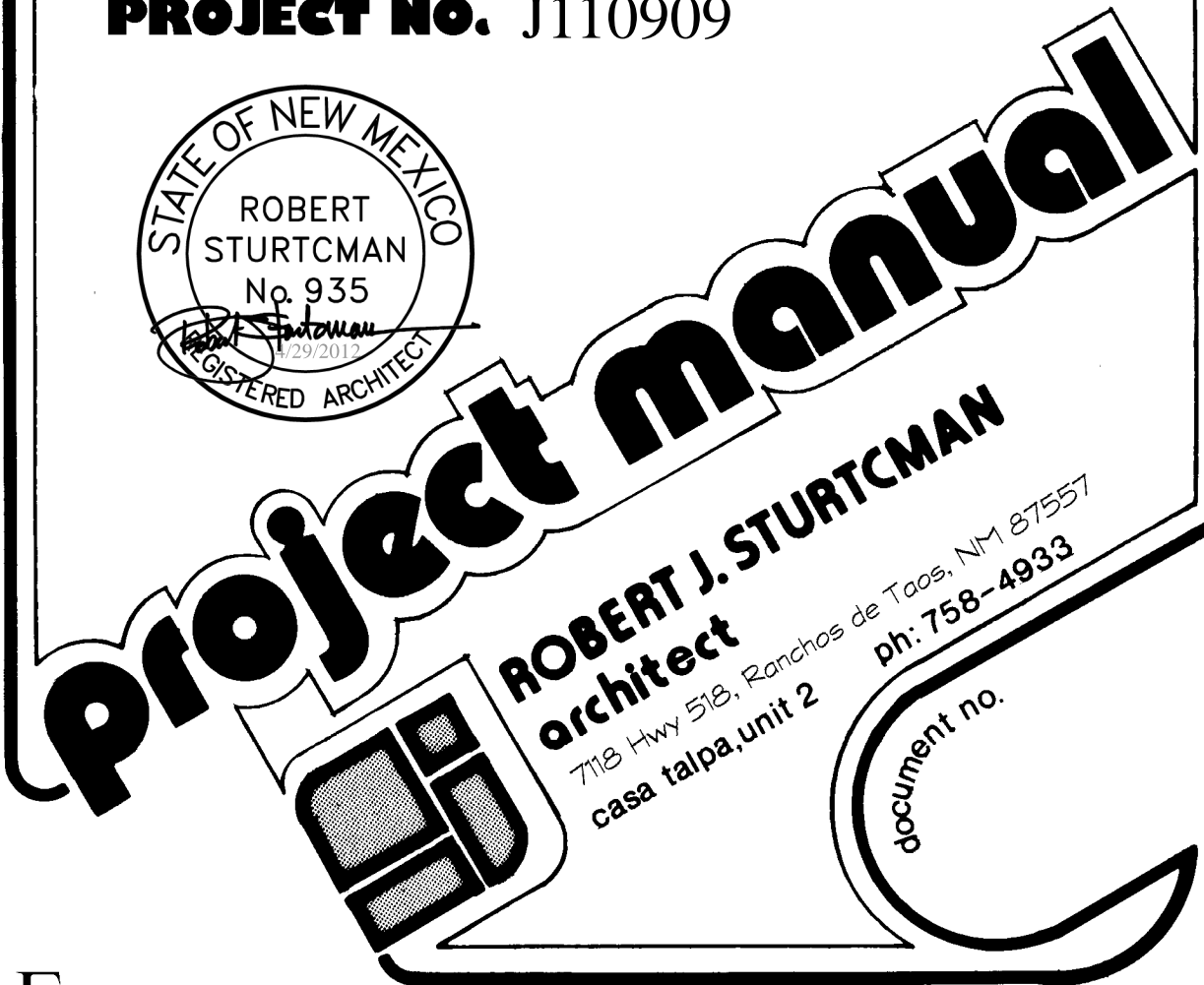
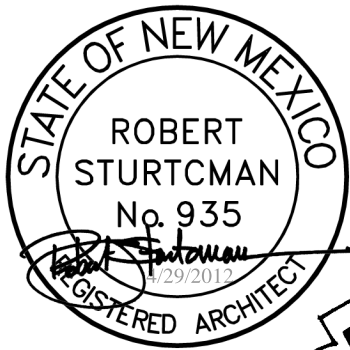
# BID NO. B-2012-07

PROJECT FOR: TAOS COUNTY

ARROYO SECO COMMUNITY CENTER  
ARROYO SECO, NM  
EXTERIOR WALL REPAIR

**DATE:** APRIL, 2012

**PROJECT NO.** J110909



For  
ASC

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(not used)



**GENERAL CONDITIONS  
OF THE  
CONTRACT FOR CONSTRUCTION**

AIA Document A201, "General Conditions of the Contract for Construction", 1997 edition, (Pages 1 through 44), is a part of this contract and is incorporated as fully as if set forth herein, A copy of AIA Document A201 may be examined at the following :

Office of the Architect:  
Robert J. Sturtzman - Architect  
Casa Talpa, Suite 2, 7118, HWY 518,  
Ranchos de Taos, Talpa, New Mexico 87557

## **SECTION 00800**

### **SUPPLEMENTARY CONDITIONS**

The following supplements modify, change, delete from or add to the "General Conditions of the Contract for Construction", AIA Document A201, Fifteenth Edition, 1997. Where any Article of the General Conditions is modified or deleted by these Supplementary Conditions, the unaltered provisions of that Article, Paragraph, Subparagraph or Clause shall remain in effect.

2.2.5 Delete Subparagraph 2.2.5 in its entirety and substitute the following:

2.2.5 The Contractor will be furnished free of charge 5 copies of Drawings and Project Manuals. Additional sets will be furnished at the cost of reproduction, postage and handling.

### **3.6 TAXES**

3.6.1 Add the following sentence to this Subparagraph:

"The Contractor shall comply with the requirements of the State of New Mexico Gross Receipts Law and all amendments to same and shall require all subcontractors to comply with the same."

### **3.7 PERMITS, FEES AND NOTICES**

3.7.1 Add the following sentence to this Subparagraph:

"The Contractor shall obtain and pay for a building permit from the Building Official of the Town of Taos, Taos, New Mexico."

Add the following Subparagraph to 5.1:

5.1.3 Since the General Conditions and the Supplementary Conditions of this Project Manual apply in every pertinent respect to each Subcontractor on the job, the Contractor shall carefully instruct each of his Subcontractors to become familiar with them.

Add the following Subparagraphs to Article 5:

5.2.5 Each Subcontractor shall make field measurements necessary for his own work and be responsible for its accuracy. Also should any structural difficulties prevent a Subcontractor or tradesman from installing his material properly, the Contractor shall be promptly notified so that the Architect may be consulted how best to resolve the difficulty. Cutting into the walls and floors, if necessary, shall be carefully and neatly performed and then be repaired in an approved manner. The Architect shall be consulted in all cases where cutting into a structural portion of the building is either desirable or necessary so that satisfactory reinforcement may be provided.

5.2.6 In instances where the manufacturers of materials or fixtures on this job provide installation or maintenance directions not covered in these specifications or detailed in the drawings, the Subcontractor furnishing the items shall follow such directions as though specifically mentioned.

5.2.7 Each Subcontractor shall acquaint himself with the work of the other trades whose activities will adjoin or be affected by his work. He shall consult with these other Subcontractors or workmen, and study their shop drawings in order to coordinate their efforts toward avoiding mistakes, omissions, disputes or delays.

5.2.8 Each Subcontractor shall be responsible for damage to other work caused by his work or the neglect of his workmen. Patching and repairing of damaged items shall be done by the trade that originally performed the work, but the cost shall be borne by the Subcontractor responsible.

5.2.9 Each Subcontractor shall remove his tools, scaffolding, surplus materials and his debris and rubbish from the project promptly upon completion of his portion of the work and leave the area of his operations as clean as he found it.

5.2.10 Without repeating it in every section of these specifications, it shall be clearly understood that each Subcontractor shall unequivocally guarantee that his entire work shall be free from defects of materials and workmanship, provided that any such defect be brought to the attention of the Subcontractor in writing within one (1) year after completion of the Project.

## **ARTICLE 7 CHANGES IN THE WORK**

### **7.2 CHANGE ORDERS**

Add to 7.2 the following Subparagraph:

7.2.3 With each proposal for a change in the amount of the Contract, the Contractor shall submit an itemized breakdown of all increases or decreases in the cost of the Contractor's and all Subcontractor's Work to include at least the following detail in the general order listed:

- 1.) Material quantities and unit costs
- 2.) Labor amounts and hourly rates (identified with specific items of material to be placed or operation to be performed)
- 3.) Equipment costs, if any
- 4.) Workmen's Compensation and Public Liability Insurance
- 5.) Overhead and Profit
- 6.) Employment taxes under FICA and FUTA
- 7.) State Gross Receipts Tax (Contractor Only)

The allowance for overhead and profit combined shall be based on the following schedule:

Subtotal before Applying the Percentage Shown

Under \$500	\$501 to \$5,000	\$5,001 to \$25,000	Over \$25,001
Contractor for work performed by his own forces			
28.00%	21.00%	15.75%	11.81%
Subcontractor for work performed by his own forces			
22.40%	16.80%	12.60%	9.44%
Contractor for work performed by Subcontractor			
11.20%	8.40%	6.30%	4.72%

Overhead for individual change order proposals as used above shall include such as the following: Supervision, Bond Premiums, Small Tools, Incidentals and General Office Expense.

On proposals covering both increases and decreases in the amount of the contract, the combined overhead and profit shall be allowed on the net increase only.

No overhead or profit will be allowed on FICA or FUTA Taxes.

Such itemization shall not be required for an increase whose gross amount is less than \$100.00

Change Order proposals submitted which DO NOT follow the above requirements will be returned for resubmittal prior to processing.

END OF SECTION

## **SECTION 01010**

### **SUMMARY OF WORK**

#### **PART 1 – GENERAL**

##### **WORK COVERED BY CONTRACT DOCUMENTS:**

The Work of this Contract comprises of the general construction of selected deteriorating adobe wall construction on the exterior wall of an existing building and Miscellaneous other items.

The Work includes, but is not limited to:

##### **Description of Work**

###### **Phase Three:**

Removal and Replacement of existing parapet wall and exterior and parapet wall plaster (extent as shown on the drawings: approximately 25 l.f., to be verified in field). Provide and construct with new stabilized adobe units, a new parapet wall complete with Concrete Parapet Bond Beam, Concrete Vertical Ties and Portland Cement Plaster and Stucco on exterior surfaces of same. Provide associated roof flashing and roof patching materials as necessary at roof deck/new parapet juncture for a watertight assembly. Remove and Replace Crawl Space Grilles. Provide and install Mechanical Exhausters for moisture and radon removal from underfloor crawl spaces. Remove existing plaster from portion of wall on East Elevation of approximately 7'-6" l.f. in length, to be verified in field, by full height of wall from 16" below finish grade. County's Project Representative and Architect to observe the uncovered condition of the wall. Contractor shall provide replacement Portland Cement Plaster and Stucco to this area after observation of wall condition.

(Add Alternate No.1) Removal and Replacement of existing adobe walls and parapet wall of the East and North corner walls of the existing building and associated plaster finishes, (extent as shown on the drawings: approximately 36 l.f., to be verified in field). Remove existing Concrete Apron at east wall (approximately 30 l.f., to be verified in field). Provide and construct with new stabilized adobe units, new walls and associated parapet walls, including new concrete footings and concrete bond beams. Provide and apply Portland Cement Plaster and Stucco over 1-1/2 " thick rigid insulation panel assembly at exterior surfaces and smooth finish mud plaster on interior surfaces of new walls. Provide associated roof flashing and roof patching materials as necessary at roof deck/new parapet juncture for a watertight assembly. Replacement of existing electrical outlets as necessary.

Before any renovation of the walls take place, there must be proper and adequate roof shoring and support and wall shoring in place. Contractor shall provide all necessary shoring of existing building structure to prevent collapse of remaining building structure and related building elements. He shall provide all safeguards and protection of all personnel and building elements as per all codes and OSHA requirements.

##### **RELATED DOCUMENTS:**

Related requirements in other parts of the Project Manual:

Section 01030 – Alternates

Section 01040 – Coordination

#### **PART 2 – PRODUCTS**

(NOT USED)

#### **PART 3 – EXECUTION**

(NOT USED)

#### **END OF SECTION**

## **SECTION 01014**

### **WORK SEQUENCE**

#### **PART 1 - GENERAL**

##### **RELATED WORK:**

Section 01040 - Coordination

##### **NOTIFICATIONS:**

General: Where Architect's "inspection", "observation" or "notification" is required by the Contract Documents, the Contractor shall notify the Architect or his representative at least 48 hours in advance. Failure to notify the Architect as required may render the Contractor liable to uncover and/or replace items of Work as provided in the General Conditions.

Critical Observation Points: Observation by the Architect is required prior to proceeding, covering up, etc. at the following critical points and such other points as may be required in writing by the Architect:

- a.) Layout, location and execution of all major items of the Construction Documents.
- b.) Inspect Concrete Reinforcement prior to placing or pouring Concrete.
- c.) Inspect Adobe Construction (existing and new) prior to plaster.

Action by the Architect: Should the Architect determine that any aspect of the Work varies from the intent of the Contract documents, he shall notify the Contractor and Owner immediately of the nature of the Work required to correct such non-compliance. In the event such non-compliance should continue, the Architect shall recommend in writing that the Owner consider exercising his right to Stop the work, Carry out the Work or Terminate the Contract in accordance with the General Conditions.

##### **WORK SEQUENCE:**

Coordinate and regularly review Schedule of Work with the Owner or his Representative.

#### **PART 2 - PRODUCTS**

**not used**

#### **PART 3 - EXECUTION**

**not used**

#### **END OF SECTION**

## **SECTION 01015**

### **CONTRACTOR USE OF PREMISES**

#### **GENERAL PROCEDURES:**

**Access:** Contractor shall provide full means of access to all parts of the Work of the Project, including ladders, lighting, etc. as may be required for the Architect's observation of the Work.

**Field Engineering and Measurements:** Perform all necessary engineering and survey work and exercise proper precautions to achieve correct location and layout of elevations, lines and measurements of grading and improvements required for the Project. Review results with the Architect. Before ordering materials or performing work, verify all measurements in the field and notify the Architect of any discrepancies.

Contractor shall exercise due diligence during layout and construction of this Project in determining the location and existence of any piping, lines, conduits, etc. of any telephone, gas, water, sewer, signal systems of all mechanical, plumbing or electrical utilities prior to any excavation to prevent damage to these utility services. Damage to any of these utilities shall be repaired and replaced at the Contractor's expense.

**Security:** The Contractor shall assume full responsibility for protection and safekeeping of the Work and related materials, tools and equipment.

**END OF SECTION**

## **SECTION 01030**

### **ALTERNATES**

#### **PART 1 - GENERAL**

##### **REQUIREMENTS INCLUDED:**

This section identifies each Alternate by reference number, and describes the basic changes to be incorporated into the Work. It will only be incorporated as a part of the Work when included by specific provisions in the Owner - Contractor agreement.

##### **RELATED REQUIREMENTS:**

Bid Documents: Provide Quotation of cost of each Add Alternate on Sheet Provided as a part of the Bid Form.

Owner-Contractor Agreement: Alternates accepted by Owner for incorporation into the Work.

Sections of Specifications identified in each Alternate.

##### **PROCEDURES:**

Alternates will be exercised at the option of the Owner.

Alternates will be accepted in the order as numbered..

Coordinate related work and modify surrounding work as required to complete the Work, including changes under each Alternate, when acceptance is designated in Owner-Contractor Agreement.

#### **PART 2 - PRODUCTS**

Not Used

#### **PART 3 - EXECUTION**

Not Used

ALTERNATE LIST AND DESCRIPTION (to follow)

**END OF SECTION**

**Add Alternate No.1:**

All Work described and identified in this description, the Drawings and all related Technical Sections in this Project Manual shall comprise the work required for this Add Alternate No. 1:

Removal and Replacement of existing adobe walls and parapet wall of the East and North corner walls of the existing building and associated plaster finishes, (extent as shown on the drawings: approximately 36 l.f., to be verified in field). Remove existing Concrete Apron at east wall (approximately 30 l.f., to be verified in field). Provide and construct with new stabilized adobe units, new walls and associated parapet walls, including new concrete footings and concrete bond beams. Provide and apply Portland Cement Plaster and Stucco over 1-1/2 " thick rigid insulation panel assembly at exterior surfaces and smooth finish mud plaster on interior surfaces of new walls. Provide associated roof flashing and roof patching materials as necessary at roof deck/new parapet juncture for a watertight assembly. Replacement of existing electrical outlets as necessary.

In the event Add Alternate No. 1 is not taken, Contractor shall provide and install temporary moisture protection as described by details WP1/A17 and WP2/A17. Area of this Work described on Floor Plan as work "W".

**END OF ALTERNATES LISTING**



## **SECTION 01040**

### **COORDINATION**

#### **PART 1 - GENERAL**

The General Contractor shall coordinate the work of all trades and all subcontractors on the job. It shall be his responsibility to see that all aspects of the Work and the interrelationship of all work be fully understood by all persons performing any part of the Work. No additional cost shall accrue to the Owner as a result of any lack of such coordination of understanding.

##### **INTERRUPTIONS:**

The General Contractor shall cooperate with the Owner and the employees of the:

##### **Taos County Arroyo Seco Community Center**

in every respect so as not to disturb the normal activities, whenever possible. The General Contractor shall not interrupt any utilities or services to the surroundings except for the time needed to make connections to, or to remove and relocate such service. He shall consult with the Architect and the Owner regarding scheduling times for this Work.

Areas under construction shall be screened with temporary partition structures covered with plywood and protective plastic sheets to minimize the noise, dust and debris from entering the remaining areas of the building as much as is possible. See Section 01710 - Cleaning. The temporary wall shall also provide security to prevent entering the remainder of the building at after hour times by unauthorized personnel.

Adequate means of egress from all parts of the building shall be provided to ensure the safety of the occupants during the construction period during normal business hours

The Contractor shall coordinate work performed by the Owner so that no delays should arise in the completion of the Project through the lack of such coordination.

##### **SCHEDULING:**

The General Contractor shall submit ten days in advance, a schedule for approval of the days the electricity, telephone, gas and/or water service will be shut off. If a change is made from the approved schedule submitted, The Owner shall be notified 72 hours prior to the time when utility will be shut off.

#### **PART 2 - PRODUCTS**

not used

#### **PART 3 - EXECUTION**

not used

#### **END OF SECTION**

## **SECTION 01060**

### **REGULATORY REQUIREMENTS**

#### **STANDARDS:**

Codes: All work of this Project shall be in conformance with the latest adopted codes and regulations currently applicable to this Project. In the event that there is more than one such governing requirement, the more stringent one shall be binding on the Work of this Project. In the event no such regulation or codes are currently in force at the location of this Project, the following codes, as adopted by the Construction Industries Division of the Department of Commerce and Industry, State of New Mexico, or other jurisdictional agency of the State, shall apply to this Project:

- a.) International Building Code (IBC)  
New Mexico Commercial Code
- b.) International Residential Code  
New Mexico Residential Code
- c.) International Existing Building Code  
New Mexico Existing Building Code
- d.) Uniform Mechanical Code (UMC)  
New Mexico Uniform Mechanical Code
- e.) Uniform Plumbing Code (UPC)  
New Mexico Uniform Plumbing Code
- f.) International Energy Conservation Code  
New Mexico International Energy Conservation Code
- g.) Uniform Solar Energy Code  
New Mexico Solar Energy Code
- h.) National Electric Code (NEC)  
New Mexico National Electrical Code
- i.) Life Safety Code, NFPA -101
- j.) Fire Sprinkler Systems Installation, NFPA-13
- k.) Accessibility Standards for the Handicaped, ANSI A117.1
- l.) Applicable Regulations of the New Mexico Environmental Improvement Agency
- m.) All modifications and Revisions to the above as required by the State of New Mexico Construction Industries Division.
- n.) Town of Taos Land Use Development Code

Referenced Standards and Instructions: Unless otherwise specified, all transportation, handling, storage, protection, type and quality of materials and installation shall be in accordance with manufacturer's printed instructions and/or published standards of the particular industry or trade involved.

Manufacturer's Labels and Industry Markings: All Products, materials, equipment and furnishings shall be delivered to the site with the labels of the specified or submitted manufacturer, or the standard industry markings, intact. Items not so labeled or marked shall be removed from the site.

**END OF SECTION**

## SECTION 01152

### APPLICATION FOR PAYMENT

#### PART 1 GENERAL

##### GENERAL:

Submit Applications for Payment to the Architect in accord with the schedule established by conditions of the Contract and Agreement between Owner and Contractor.

##### REQUIREMENTS INCLUDED:

Procedures for preparation and submittal of Applications for Payment.

##### RELATED REQUIREMENTS:

Owner-Contractor Agreement: Contract Sum and Unit Prices, Amounts of Progress Payments, and Retainages, and times for submittals.

Document 00700 - General Conditions of the Contract: Progress Payments, and Final Payment.

Section 00800 - Supplementary Conditions

Section 01370 - Schedule of Values.

Section 01700 - Contract Closeout: Final Payment.

##### **FORMAT**

Submit itemized applications TYPED on AIA Document G702, Applications and Certificate for Payment and continuation sheets G703, Latest Editions. **No other forms or format will be accepted.** Use attached RELEASE OF LIEN form as described below. **No other form will be accepted.**

##### **PREPARATION OF APPLICATION FOR EACH PROGRESS PAYMENT:**

###### Application Form:

Fill in required information, including closing date of the submitted application.

Fill in summary of dollar values to agree with the respective totals indicated on the continuation sheets. ALL DOLLAR VALUES USED **SHALL NOT** CONTAIN ANY APPLICABLE GROSS RECEIPTS TAXES. New Mexico Gross Receipts Tax shall be calculated and added after line seven. No amounts or calculations prior to line seven shall contain gross receipts taxes.

Execute certification with the signature of a responsible officer of the Contractor.

###### Continuation Sheets:

Fill in total list of all scheduled component items of Work, with item numbers and the scheduled dollar value for each item. Scheduled dollar values for each item **SHALL NOT** contain applicable gross receipts taxes. Applicable Gross Receipts Tax **SHALL NOT** be a line item.

Fill in the dollar value in each column for each scheduled line item when work has been performed or products stored. Round off values to nearest dollar. Scheduled values for each item **SHALL NOT** contain applicable gross receipts taxes.

List each Change Order fully executed prior to the closing date of the submission at the end of the continuation sheets. List by Change Order Number and description as for an original component of work. Change Order dollar amounts **SHALL NOT** contain applicable gross receipts taxes.

###### Certificate for Payment:

The Architect shall fill in the required information after reviewing the G702 for completeness and correctness and verifying that the inspector has initialled and dated the G702.

The completed Certificate for Payment should include the typed corporation name and representative's signature of both the Architect and the Contractor. The date here is to be the date each signature is affixed.

##### **SUBSTANTIATING DATA FOR PROGRESS PAYMENTS:**

Attached to the first Application and Certificate for Payment, Contractor shall provide a breakdown of all Subcontractors and amounts subcontracted for (dollar amount of subcontract).

Attached to each subsequent Application and Certificate for Payment, Contractor shall attach Lien Waivers from each subcontractor in the amount as paid to each of the subcontractors for the previous Application and Certificate for Payment period.

Attached to the G703's schedule of all materials stored on the site which are included thereon. This schedule should indicate the monthly status of those materials. The first time the materials appear on the schedule, one copy of the invoice, shipping ticket or other substantiating document should be attached to the schedule.

For sensitive materials which are not stored on the site for which the Contractor requests payment, the following procedure shall be precisely followed to request such approval. The Contractor shall submit a letter through the Architect to the Owner so that it is received by the Owner no later than the 20th of the month. The letter shall forward one copy of the invoice for the materials being considered and shall state the supplier, material, invoice number and amount. The letter shall be signed by a responsible officer of the Contractor stating that the following responsibilities are certified:

That this material now stored in our warehouse will be installed on this project.

That it is covered by our insurance while so stored.

That it will be transported to the site.

That it is physically identified as property for this project.

Those items for which Owner provides written approval may be included with that month's Application for Payment.

#### SUBMITTAL PROCEDURE:

Submit Applications for Payment to Architect at the times stipulated in the Agreement.

When the Architect finds the application properly completed and correct, with all the appropriate attachments, He will prepare the Certificate for Payment and transmit them to the Owner for Payment.

If the Architect finds the application in non-compliance with the requirements as outlined above, the Application and Certificate for Payment will be returned to the Contractor. Architect will note reasons for not accepting the application.

Number: **FIVE (5) COPIES OF EACH APPLICATION AND CERTIFICATION FOR PAYMENT** and (5) copies of any attachments required as above.

The Contractor and the Architect must coordinate the processing of the Application and Certificate for Payment and all necessary attachments so that the properly executed documents are received in the Office of the Owner's Representative responsible for processing the A&CforP, no later than the following:

- 1.) 25th of the month.

#### PREPARATION OF APPLICATION FOR FINAL PAYMENT:

Fill in Application form as specified for progress payments.

Use continuation sheet for presenting the final statement of accounting.

Statement that all items listed on the Punch List have been completed.

Provide Architect with a revised subcontractor listing with contracted dollar amounts as may have been revised due to Change Order Additions or Deletions.

**PART 2 PRODUCTS**

Not Used

**PART 3 EXECUTION**

Not Used

**END OF SECTION**

## **SECTION 01200**

### **PROJECT MEETINGS**

#### **PART 1 - GENERAL**

##### **REQUIREMENTS INCLUDED:**

Contractor participation in preconstruction conferences.

Contractor administration of progress meetings.

##### **RELATED REQUIREMENTS:**

Section 01040 - Coordination

Section 01152 - Application for Payment

Section 01310 - Progress Schedules

Section 01340 - Shop Drawings, Product Data, and Samples

Section 01700 - Contract Closeout

Section 01720 - Project Record Documents

##### **PRECONSTRUCTION CONFERENCE:**

Owner will, within 15 days after notice of award, schedule a conference to be held prior to the start of construction.

Attendance: Owner, Owner's Project Representative, Architect/Engineer, Contractor, his Superintendent and his major Subcontractors.

##### **Agenda:**

- 1.) Procedures and processing of field decisions, submittals, substitutions, applications for payments, proposal requests, change orders, and Project closeout procedures.
- 2.) Scheduling:
  - a.) Work sequencing and tentative construction schedule.
  - b.) Major equipment deliveries and priorities.
- 3.) Distribution of Contract Documents.
- 4.) Submittal List of Subcontractors, list of products, schedule of values, and progress schedule.
- 5.) Designation of responsible personnel.
- 6.) Use of premises by Owner and Contractor.
- 7.) Owner's requirements and occupancy.
- 8.) Construction Facilities and controls provided by Owner.
- 9.) Temporary utilities provided by Owner.
- 10.) Security and housekeeping procedures.
- 11.) Procedures for testing.
- 12.) Procedures for maintaining record documents.

##### **PRECONSTRUCTION SUBMITTALS:**

At the time of the Preconstruction Conference, the Contractor shall provide to the Architect and the Owner's Project Representative the following:

- 1.) Progress Schedule ( See Section 01310 )
- 2.) Schedule of Values ( See Section 01370 )
- 3.) Temporary Facilities Layout ( See Section 01500 )

##### **PROGRESS MEETINGS:**

###### **DESCRIPTION**

Schedule and administer as the progress of the Work necessitates construction progress meetings, called meetings, and preinstalled conferences, throughout progress of Work.

Make physical arrangements, prepare agenda, and distribute notice of each meeting to participants, and to Architect/Engineer, four days in advance of meeting date.

Preside at meetings, record minutes, and distribute copies within five days after meeting to participants, to entities affected by decisions at meetings, with two copies to Architect/Engineer.

Location of Meetings: Contractor's field office.

Attendance: Contractor, Owner's Project Representative, Architect/Engineer as appropriate to agenda; Owner, Job Superintendent, Professional Consultants, Subcontractors and Suppliers may attend as appropriate.

Minimum Agenda:

- 1.) Approval of minutes of previous meetings.
- 2.) Review of Work progress.
- 3.) Field observations, problems, and decisions.
- 4.) Identification of problems which impede planned progress.
- 5.) Review of submittals schedule and status of submittals.
- 6.) Review of off-site fabrication and delivery schedules.
- 7.) Maintenance of progress schedule.
- 8.) Corrective measures to regain projected schedules.
- 9.) Planned progress during succeeding work period.
- 10.) Coordination of projected progress.
- 11.) Maintenance of quality and work standards.
- 12.) Effect of proposed changes on progress schedule and coordination.
- 13.) Other business relating to Work.

**PART 2 - PRODUCTS**

**Not Used**

**PART 3 EXECUTION**

**Not Used**

**END OF SECTION**

## **SECTION 01340**

### **SHOP DRAWINGS, PRODUCT DATA AND SAMPLES**

#### **GENERAL SUBMITTAL REQUIREMENTS:**

ALL SUBMITTALS SHALL CONTAIN the following information:

The date of submission and the dates of any previous submissions.

The Project Name and Project Number.

Submittal Number.

Names, Addresses and Phone Numbers of Architect, Engineer, Contractor, Supplier, Manufacturer.

Identification of the product with the specification section number.

Field dimensions, clearly identified as such.

Relation to adjacent or critical features of the work or materials.

Applicable standards, such as ASTM or Federal Specifications numbers.

Identification of deviations from item specified in the Contract Documents. Mark clearly so that differences are readily apparent to Architect.

Identification of revisions on resubmittals.

A 3 inch x 12 inch blank space for Contractor, Architect and Owner stamps.

Contractor's stamp, initialed or signed, certifying to review of submittal, verification of products, field measurements and field construction criteria, and coordination of the information within the submittal with requirements of the Work and of the Contract Documents.

#### **SHOP DRAWINGS:**

Drawings shall be presented in a clear and thorough manner. Details shall be identified by reference to sheet and detail, schedule, room numbers, standard plan symbols shown on Contract Drawings.

Minimum sheet size: 8-1/2 inch x 11 inches.

#### **PRODUCT DATA:**

Clearly mark each copy to identify pertinent products or models.

If several items are submitted at one time, a cover summary sheet shall be provided listing all items covered by the submission, providing information and space as described under "Submittals Shall Contain:"

Show performance characteristics and capacities.

Show dimensions and clearances required.

Show complete parts list and manufacturer's installation requirements and instructions.

Show wiring or piping diagrams and controls.

Manufacturer's standard schematic drawings and diagrams:

Modify drawings and diagrams to delete information which is not applicable to the work.

Supplement standard information to provide information specifically applicable to the work.



### **SAMPLES:**

Office samples shall be sufficient size and quantity to clearly illustrate:

Functional characteristics of the product with integrally related parts and attachment devices.

Full range of color, texture and pattern.

### **SUBMISSION REQUIREMENTS:**

Make submittals promptly and in such sequence as to cause no delay in the Work or in the work of any other contractor. Submittals shall be delivered to the Architect no later than 30 days after the date of Notice to Proceed. Submittals received after this time period will be returned and only the specified product will be acceptable.

### **NUMBER OF SUBMITTALS REQUIRED:**

Shop Drawings and Product Data: Submit the number of copies which Contractor requires plus Three (3) which will be retained by the Architect.

Samples: Submit the number stated in each specification section.

### **RESUBMISSION REQUIREMENTS:**

Make any correction or changes in the submittals required by the Architect or Owner and resubmit until approved.

### **SHOP DRAWINGS AND PRODUCT DATA:**

Revise initial drawings or data and resubmit as specified for the initial submittal.

Indicate any changes which have been made other than those requested by the Architect/Engineer.

### **SAMPLES:**

Samples - Submit new samples as required for initial submittal.

### **ARCHITECT'S DUTIES:**

Review submittals with reasonable promptness.

Affix stamp and initials or signature and indicate requirements for resubmittal, or approval of submittal.

Return submittals to Contractor for distribution or resubmission.

**END OF SECTION**

## **SECTION 01370**

### **SCHEDULE OF VALUES**

#### **PART 1 - GENERAL**

Submit to the Architect and the Owner a Schedule of Values allocated to the various portions of the work, at least twenty (20) days prior to submitting first Application for Payment.

Upon request of the Architect or the Owner, support the values with data which will substantiate their correctness.

The Schedule of Values, unless objected to by the Architect or Owner, shall be used as the basis for the Contractor's Applications for Payment and Construction Schedule.

In the event the Owner should elect to delete certain portions of the Work, these values as scheduled will be used to ascertain those amounts to be deducted from the Contract Sum.

#### **FORM AND CONTENT OF SCHEDULE OF VALUES:**

Type schedule on 8 1/2" x 11" white paper. Identify schedule with the following:

- Project title and number.
- Location.
- Name and address of Contractor.
- Architect and Owner.
- Date of Submission.

Schedule shall list the installed value of the component parts of the work in sufficient detail to serve as a basis for computing values for progress payments during construction.

Follow the Index to Technical Provisions of this Project Manual as Format for listing component items. Identify each line item with the number and title of the respective major section of the specifications.

For each major line item list sub-values of major products or operations under the item.

For each various portion of the Work:

- Each item shall include a directly proportional amount of the Contractor's overhead and profit, mobilization and preparatory costs.

The sum of all values listed in the schedule shall equal the total Contract Sum.

**END OF SECTION**

## **SECTION 01410**

### **TESTING LABORATORY SERVICES**

#### **RELATED DOCUMENTS:**

Document 00700 - General Conditions

Section 03001 - Concrete Work

Section 04212 - Unburned Clay Masonry (Adobe) and Mortar

#### **QUALITY ASSURANCE:**

Comply with requirements of ANSI/ASTM E239 and ANSI/ASTM D3740.

Contractor shall pay for the services of an Independent Testing Laboratory approved by the Architect and Owner to perform specified testing when tests are required for the Work by the below identified Work.

Contractor shall cooperate with the laboratory to facilitate the execution of its required services.

Employment of the laboratory shall in no way relieve Contractor's obligations to perform the Work of the Contract.

Laboratory tests required and standards for testing: The respective sections of the specifications.

Where tests are conducted during construction, the Contractor shall submit one information copy of the test reports to each of the following: the Owner, the Architect and the Structural Engineer.

Testing Laboratory inspection, sampling and testing is required for:

Section 03001 - Concrete Work.

Section 04212 - Unburned Clay Masonry (Adobe) and Mortar

#### **LIMITATIONS OF AUTHORITY OF TESTING LABORATORY:**

Laboratory is not authorized to relieve, revoke, alter or enlarge on requirements of Contract Documents: Approve or accept any portion of the Work: Perform any duties of the Contractor.

#### **CONTRACTOR'S RESPONSIBILITIES:**

Cooperate with laboratory personnel and provide access to the Work.

Secure and deliver to the laboratory adequate quantities of samples of material used and which require testing.

Provide to the laboratory the preliminary design mix proposed to be used for concrete, and other materials mixes which require control by the testing laboratory.

Furnish incidental labor and facilities: Provide access to Work to be tested. Obtain and handle samples at the Project site or at the source of the product to be tested. Properly store and cure test samples.

**END OF SECTION**

## **SECTION 01531**

### **FENCES**

#### **GENERAL:**

##### **Fences:**

The Contractor shall erect and maintain during the entire period of Work on the Project a temporary fence around the Work areas as indicated on the Site Plan. Fence shall be 11 gage or heavier chain link type, not less than 6 feet high surmounted by one strand of barbed wire set 10 inches to 12 inches above the top of the chain link fencing. Fence shall be supported by metal or heavy wood posts set a maximum of 10 feet apart with top rails and corner and gate posts as required, all properly braced. Provide stoutly constructed gates, using same wire as for fence and located as approved by the Architect and Owner. Gates shall be minimum in size and number as compatible with construction operations, shall be equipped with hasps, chain and padlock and shall be kept locked at all times when not required to be open for construction operations. The chain shall be locked with two padlocks - one of the Owner and one of the Contractor. Provide the Architect and Owner each with a set of keys. This fence shall be removed and all post holes filled by the Contractor at his expense upon the completion of the Work.

**END OF SECTION**

## **SECTION 01533**

### **BARRICADES**

#### **PART 1 - GENERAL**

The Contractor shall erect and maintain at his expense the required fences, barricades, lighting, power, shoring and other protective structures or devices necessary for the safety of workmen, equipment, the public and property, as required by State and Federal Laws and regulations.

**END OF SECTION**

## **SECTION 01600**

### **MATERIAL AND EQUIPMENT**

#### **GENERAL:**

Material and equipment incorporated into the Work:

Shall conform to applicable specifications and standards.

Shall comply with size, make, type and quality specified, or as specifically approved in writing by the Architect.

Manufactured and Fabricated Products:

Design, fabricate and assemble in accord with the best engineering and shop practices.

Manufacture like parts of duplicate units to standard sizes and gages, to be interchangeable.

Two or more items of the same kind shall be identical, by the same manufacturer.

Products shall be suitable for service condition.

Equipment capacities, sizes and dimensions shown or specified shall be adhered to unless variations are specifically approved in writing.

Do not use material or equipment for any purpose other than that for which it is designed or is specified.

It is the intention of this section to provide the requirements to be met by all fasteners and anchoring devices which are generally exposed to view.

Phillips head screws shall be used only for the anchoring of finish hardware such as butts, locksets, etc. No slotted head screws shall be used in any exposed fastening.

Items which are permanently installed and which will not require adjustment, shall be anchored with one way screws. If both faces of the items are exposed, the fastener shall be one-way heads. Machine bolts and nuts may be used only if the threads are upset or the head of the bolt welded to the item.

Items which are required to be removed periodically shall have anchoring devices with spanner heads or hexagonal socket heads.

#### **MANUFACTURER'S INSTRUCTIONS:**

When Contract Documents require that installation of work shall comply with manufacturer's printed instructions, obtain and distribute copies of such instructions to parties involved in the installation, including one copy to the Architect.

Maintain one set of complete instructions at the job site during installation and until completion.

Handle, install, connect, clean, condition and adjust products in strict accordance with such instructions and in conformity with specified requirements.

Should job conditions or specified requirements conflict with manufacturer's instructions, consult with the Architect for further instructions.

Do not proceed with work without clear instructions.

Perform work in accordance with manufacturer's instructions. Do not omit any preparatory steps or installation procedure unless specifically modified or exempted by Contract Documents.

#### **TRANSPORTATION AND HANDLING:**

Arrange deliveries of products in accordance with construction schedules, coordinate to avoid conflict with work and conditions at the site.

Deliver products in undamaged condition, in manufacturer's original containers or packaging, with identifying labels intact and legible.

Immediately on delivery, inspect shipments to assure compliance with requirements of Contract Documents and approved submittals, and that products are properly protected and undamaged.

Provide equipment and personnel to handle products by methods to prevent soiling or damage to products or packaging.

#### STORAGE AND PROTECTION:

Store products in accordance with manufacturer's instructions, with seals and labels intact and legible.

Store products subject to damage by the elements in weathertight enclosures.

Maintain temperature and humidity within the ranges required by manufacturer's instructions.

#### Exterior Storage:

Store fabricated products above the ground, on blocking or skids, prevent soiling or staining. Cover products which are subject to deterioration with impervious sheet coverings, provide adequate ventilation to avoid condensation.

Store loose granular materials in a well drained area on solid surfaces to prevent mixing with foreign matter.

Arrange storage in a manner to provide easy access for inspection and make periodic inspections of stored products to assure that products are maintained under specified conditions, and free from damage or deterioration.

#### Protection after Installation:

Provide substantial coverings as necessary to protect installed products from traffic and subsequent construction operations. Remove when no longer needed.

#### SUBSTITUTIONS AND PRODUCT OPTIONS:

##### Products List:

Within 30 days after Contract Date, submit to the Architect a complete list of major products proposed to be used, with the name of the manufacturer, the installing contractor's name, address, telephone number, and License No., if required.

##### Contractor's Options:

For products specified only by reference standard, select any product meeting that standard.

For products specified by naming several products or manufacturers, select any one of the products or manufacturers named, which complies with the specifications.

For products specified by naming one or more products or manufacturers and "or approved equal", Contractor must submit a request for substitution.

##### Substitutions:

For a period of 30 days after Contract Date, Architect will consider written requests from Contractor for substitution of products.

Submit a separate request for each product, supported with complete data, with drawings and samples as appropriate, including:

Comparison of the qualities of the proposed substitution with that specified.

Changes required in other elements of the work because of the substitution.

Effect on the construction schedule.

Cost data comparing the proposed substitution with the product specified.

Any required license fees or royalties.

Availability of maintenance service, and source of replacement materials.

Architect, in consultation with the Owner, shall be the judge of the acceptability of the proposed substitution.

Contractor's Representation:

A request for a substitution constitutes a representation that Contractor:

Has investigated the proposed product and determined that it is equal to or superior in all respects to that specified.

Will provide the same warranties or bonds for the substitution as for the product specified.

Will coordinate the installation of an accepted substitution into the work and make such other changes as may be required to make the work complete in other respects.

Waives all claims for additional costs, under his responsibility, which may subsequently become apparent.

Architect will review requests for substitution with reasonable promptness, and notify Contractor, in writing, of the decision to accept or reject the requested substitution.

**END OF SECTION**



## **SECTION 01700**

### **CONTRACT CLOSEOUT**

#### **SUBSTANTIAL COMPLETION:**

Contractor shall submit:

Written certification to Architect and Owner's Project Representative that Work, or designated portion of Work, is substantially complete.

List of items to be completed or corrected.

Architect will make an inspection within seven days after receipt of above certification, together with Owner's Project Representative. He shall prepare a list of items to be completed or corrected as determined by the inspection.

Should Architect consider that Work is substantially complete, he shall prepare and issue a Certificate of Substantial Completion, AIA G-704, complete with signatures of Owner and Contractor, accompanied by list of items to be completed or corrected.

Should Architect consider that Work is not substantially complete, he shall immediately notify Contractor, in writing, stating reasons. The Contractor shall complete the Work and send written notice to Architect certifying that Project, or designated portion of Project, is substantially complete. Architect will reinspect the work.

#### **FINAL INSPECTION:**

Contractor shall submit written certification that:

Contract Documents have been reviewed.

Project has been inspected for compliance with Contract Documents.

Work has been completed in accordance with Contract Documents.

Equipment and systems have been tested in presence of Owner's Project Representative and are operational.

Project is completed and ready for final inspection.

Architect will make final inspection within seven days after receipt of certification, together with Owner's Project Representative.

Should Architect consider that Work is finally complete in accordance with requirements of Contract Documents, he shall request Contractor to make project closeout submittals such as the following, but not limited to:

- 1.) Documents as required by Subparagraph 9.10.2,
- 2.) Project Record Contract Documents,
- 3.) Operation and Maintenance materials,
- 4.) Test and Balance Reports,
- 5.) Guarantees, Warranties and Bonds,
- 6.) Keys and Keying Schedule,
- 7.) Spare parts and Extra Materials,
- 8.) Special Certificates of Inspection and
- 9.) Certificate of Occupancy.

Should Architect consider that Work is not finally complete, he shall notify Contractor, in writing, stating reasons. Contractor shall take immediate steps to remedy the stated deficiencies and send second written notice to Architect certifying that Work is complete. Architect will reinspect Work.

#### **INSTRUCTION:**

Instruct Owner's personnel in operation of all systems, mechanical, electrical and other equipment.

**POST-CONSTRUCTION INSPECTION:**

Prior to expiration of one year from Date of Substantial Completion, Architect will make visual inspection of Project in company of Owner and Contractor to determine whether correction of Work is required. Architect will promptly notify Contractor, in writing, of any observed deficiencies. Contractor shall correct such deficiencies at once as a part of the total Contract.

**END OF SECTION**

## **SECTION 01710**

### **CLEANING**

#### **DURING CONSTRUCTION:**

Execute cleaning to ensure that building, grounds and public properties are maintained free from accumulations of waste materials and rubbish.

Wet down dry materials and rubbish to lay dust and prevent blowing dust.

At reasonable intervals during progress of Work clean site and public properties and dispose of waste materials, debris and rubbish.

Provide on-site containers for collection of waste materials, debris and rubbish.

Remove waste materials, debris and rubbish from site and legally dispose of it at dumping areas off Owner's property.

Vacuum clean interior building areas when ready to receive finish painting and continue vacuum cleaning on an as-needed basis until building is ready for Substantial Completion or occupancy.

Handle materials in a controlled manner with as few handlings as possible; do not drop or throw materials from heights.

Schedule cleaning operations so that dust and other contaminants resulting from cleaning process will not fall on wet, newly painted surfaces.

#### **FINAL CLEANING:**

Employ experienced workmen, or professional cleaner, for final cleaning.

In preparation for Substantial Completion or occupancy, conduct final inspection of sight-exposed interior and exterior surfaces and of concealed spaces.

Remove grease, dust, dirt, stains, labels, fingerprints and other foreign materials from sight-exposed interior and exterior finished surfaces; polish surfaces so designated to shine finish.

Repair patch and touch up marred surfaces to specified finish to match adjacent surfaces.

Broom clean paved surfaces; rake clean other surfaces of grounds.

Owner will assume responsibility for cleaning as of time designated on Certificate of Substantial Completion for Owner's acceptance of Project or portion thereof.

#### **END OF SECTION**

## **SECTION 01720**

### **PROJECT RECORD DOCUMENTS**

#### **GENERAL**

##### **FORM AND CONTENT:**

Annotate two complete new and clean sets of Contract Documents with a red colored felt tip pen, showing all conditions of the Work as actually installed, and fully documenting in detail the following concealed conditions:

1.) Utilities: (to include, but not limited to, Gas, Water, Sewer, Electrical, Computer, Signal and/or PA systems, Telephone, etc.)

Show location of all lines, major junctions, bends, valves, cleanouts, stub-outs, access ports or doors or hatches, etc. by horizontal dimension from nearby major walls and depths from finish grade or height from finish floor for all utilities underground or concealed within the building, respectively.

2.) Assemblies: Show all changes or variations not otherwise documented, of materials, products and installations concealed from view.

Submit one marked-up set of drawings to the Owner and one set to the Architect/Engineer.

**END OF SECTION**

## **SECTION 03001**

### **CONCRETE WORK**

#### **PART 1 - GENERAL**

##### **SECTION INCLUDES:**

Formwork, shoring, bracing, and anchorage.  
Concrete reinforcement and accessories.  
Cast-in place concrete.

##### **RELATED SECTIONS:**

Section 01410 - Testing Laboratory Services  
Section 02200 - Sitework

##### **REFERENCES:**

ACI 301 - Specifications of Structural Concrete for Buildings.  
ANSI/ASTM A185 - Welded Steel Wire Fabric for Concrete Reinforcement.  
ANSI/ASTM A497 - Welded Deformed Steel Wire Fabric for Concrete Reinforcement.  
ASTM A615 - Deformed and Plain Billet-Steel for Concrete Reinforcement.  
ASTM C33 - Concrete Aggregates.  
ASTM C94 - Ready-Mixed Concrete.  
ASTM C150 - Portland Cement.  
ASTM C260 - Air Entraining Admixtures for Concrete.  
ASTM D2103 - Polyethylene Film and Sheeting.  
FS TT-C-800 - Curing Compound, Concrete, for New and Existing Surfaces.

##### **SUBMITTALS:**

Submit shop drawings of reinforcing steel in accordance with Section 01340 - Shop Drawings, Product Data and Samples.

Submit proposed mix design of each class of concrete to appointed firm for review prior to commencement of work.

Indicate reinforcement sizes, spacings, locations and quantities of reinforcing steel, and wire fabric, bending and cutting schedules, splicing, and supporting and spacing devices.

##### **QUALITY ASSURANCE:**

Perform work in accordance with ACI 301.

Testing and analysis of concrete will be performed in accordance with Section 01410 - Testing Laboratory Services.

Three concrete test cylinders will be taken for every 75 or less cu yds of each class of concrete placed each day.

One slump test will be taken for each set of test cylinders taken.

#### **PART 2 - PRODUCTS**

##### **MATERIALS:**

Conform to ACI 301

Plywood Forms: Douglas Fir species; solid one side; sound undamaged sheets.

Reinforcing Steel: ASTM A615, 40 and 60 ksi yield grade billet steel bars.

Welded Steel Wire Fabric: Plain type, ANSI/ASTM A185; in coiled rolls.

##### **CONCRETE MATERIALS:**

Cement: ASTM C150, normal - Type I or II Portland.

Fine and Coarse Aggregates: ASTM C33.

Water: Clean and not detrimental to concrete.

#### ADMIXTURES:

Air Entrainment Admixture: ASTM C260

#### ACCESSORIES:

Vapor Barrier: ASTM D2103, 6 mil thick opaque polyethylene film.

Non-Shrink Grout: Premixed compound with non-metallic aggregate, cement, water reducing and plasticizing agents; minimum compressive strength of 5000 psi.

Expansion Joints: ASTM D-1751

#### CONCRETE MIX:

Mix concrete in accordance with ASTM C94.

##### Foundation Concrete:

- 1.) Compressive Strength (28 days): 4000 psi.
- 2.) Slump: 4 inch Maximum.

##### Slab On Fill Concrete:

- 1.) Compressive Strength (28 days): 4000 psi.
- 2.) Slump: (Sloping surfaces, Stairs, Ramps) 3 inch Maximum.
- 3.) Slump: (Other) 4 inch Maximum.

### **PART 3 - EXECUTION**

#### ERECTION:

Formwork: Verify lines, levels, and measurement before proceeding with formwork.

Hand trim sides and bottom of earth forms; remove loose dirt.

Align form joints rigid and tight.

Coordinate work of other sections in forming and setting openings, slots, recesses, chases, sleeves, bolts, anchors, and other inserts.

Reinforcement Placement: Reinforcement shall be free of loose or flakey rust and mill scale, or coating, including ice, and any other substance that would reduce or destroy the bond. Reinforcing steel reduced in section shall not be used. After any substantial delay in the Work previously placed reinforcing steel left for future bonding shall be inspected and cleaned. Reinforcing steel shall not be bent or straightened in a manner injurious to the steel or concrete. Bend all bars cold. Bars with kinks or bends not shown on the drawings shall not be placed. Bars may be moved as necessary to avoid interference with other reinforcing steel, conduits, or embedded items. If bars are moved more than one bar diameter the resulting arrangement of bars including additional bars necessary to meet structural requirements shall be approved before concrete is placed. In slabs, beams, and girders, reinforcing steel shall not be spliced at points of maximum stress unless otherwise indicated. Lap or splice distance shall be made in conformance with ACI Standard 318. Reinforcing steel shall be shop fabricated. All stirrups, except ties, shall be held in place by two (2) 3/8 inch spacer bars extending the full length of the portion of the beam or girder occupied by stirrups, unless otherwise shown.

Reinforcement detailing and placement, including concrete protection for steel reinforcement, unless otherwise indicated, shall conform to ACI Standards 318 and 315.

Supports: Reinforcement shall be accurately placed and securely tied at intersections and at splices with 16 gage annealed wire. Reinforcement shall be secured against displacement during the placing of concrete by spacer, chairs, or other approved supports. Wire-tie ends shall point away from the form. Unless otherwise indicated, the number, type and spacing of supports shall conform to ACI Standard 315. For slabs on grade and for footing reinforcement; reinforcement shall be supported on precast concrete units spaced at intervals required by the size reinforcement used to keep reinforcement the minimum height specified above the underside of slab or footing. Supports for which any portion will be less than 1 inch from concrete surfaces that will be exposed to view or painted shall be plastic-coated steel conforming to ACI Standard 315, or plastic.

#### **PLACING CONCRETE:**

Notify Architect/Engineer a minimum 48 hours prior to commencement of concreting operations.

Concrete shall be handled in a continuous manner as rapidly as practicable to avoid segregation. Concrete shall be placed as close as possible to final position. Concrete shall not be conveyed by vibrator. Free fall shall be limited to five (5) feet.

Install vapor barrier under 2 inch layer of sand on interior floor slabs on fill. Lap joints minimum 12 inches and seal. Do not disturb vapor barrier while placing reinforcement.

Floor Slabs: Concrete shall be compacted, screeded, and floated with straight edge to bring surface to the required finish level. All grades and elevations shall be confirmed and set prior to commencing concrete placement. All floor drains, sinks, etc. shall be set so concrete slopes positively to drain at rate of 1/8" per foot unless otherwise shown on drawings. Exterior concrete surfaces shall slope to drain away from structure at rate of 1/8" per foot unless otherwise shown on drawings.

Slabs and Walks: After concrete is sufficiently hardened to bear a person's weight without deep imprint, the surface shall be woodfloated to a lightly textured, true, even plane, true to within 1/8" in 10 feet. After the surface moisture has disappeared, surfaces shall be finished to a true, even plane, free from blemishes. Unless otherwise called for on the drawings, surfaces shall be finished as follows:

Exposed exterior surfaces: Light broom finish after troweling. Tool all edges to smooth radius. Tool smooth continuous 1/4" wide by 1/2" deep control joints to pattern shown on drawings or as directed by the Architect/Engineer.

Construction Joints: Construction joints not shown on the Drawings shall be located and built according to Architect/Engineer approval. All construction joints shall have keyed surfaces, with reinforcing discontinuous through the joint. Maximum horizontal length of wall between joints shall be 20 feet in one day's pour, in a straight line.

#### **FIELD QUALITY CONTROL:**

Placing Concrete in Forms: Deposit concrete in forms in horizontal layers not deeper than 18" and in a manner to avoid inclined construction joints.

Conveying: Concrete shall be conveyed from the mixer to the place of final deposit by methods that will prevent separation or loss of materials. Equipment for chuting, pumping and pneumatically conveying concrete shall be of such size and design as to ensure a continuous flow of concrete at the delivery end without separation of materials. Maximum Height of concrete free fall allowed= 5ft.

Cold Weather Placing: Protect concrete work from physical damage or reduced strength which could be caused by frost, freezing actions or low temperature in compliance with ACI 306.

Hot Weather Placing: When hot weather conditions exist that would seriously impair the quality and strength of concrete, place concrete in compliance with ACI 305.

Tolerances: Floor slabs and sidewalks shall be a true plane to within a tolerance of 1/8" in 10 feet.

Concrete Curing And Protection: Provide acceptable moisture curing as per standard practice for a minimum of 5 days.

#### **END OF SECTION**

## **SECTION 04212**

### **UNBURNED CLAY MASONRY (ADOBE)**

#### **PART 1 - GENERAL**

##### **SECTION INCLUDES:**

Provide labor, equipment, materials and incidentals as required to complete the Work under this section.

##### **RELATED SECTIONS:**

Section 01410 - Testing Laboratory Services

Section 03001 - Concrete Work

##### **QUALITY ASSURANCE:**

2006 New Mexico Construction Building Codes

Building Codes General

Chapter 7, Part 4 2006

New Mexico Earthen Building Materials Code

##### **DELIVERY, STORAGE AND HANDLING:**

See Section 01600 - Material and Equipment.

Keep units from contact with earth or other moist materials by stacking on plank platforms.

Unburned Clay Masonry Units shall be stored under cover and protected during construction.

Precautions shall be taken to protect the Work at all times. Unburned Clay Masonry walls under construction shall be covered at night and protected from rain, snow or other moisture with tarpaulins or polyethylene sheets.

#### **PART 2 - PRODUCTS**

##### **MATERIALS:**

Stabilized Unburned Clay Masonry Units: Sizes as called for on the drawings.

Soil: Unburned Clay Masonry Unit mixture of sand and clay shall contain not more than 2% of water soluble salts.

Water: Water shall be clean and free from deleterious materials such as oil, acids, soluble salts and organic impurities. Water must be suitable for drinking.

Testing: As per New Mexico Construction Industries Division Properties, Sampling and Testing: 14.7.4.11

Minimum Compressive Strength = 300 psi.

Modulus of Rupture = 50 psi.

Maximum Moisture Content = 4%.

Horizontal Joint Reinforcement: 9 gage ladder or truss- type wire, width approximately 2 inches less than net adobe wall thickness.

Vertical Reinforcement: ASTM C 615, Deformed Grade 40 Bars. Size and Spacing as shown on the Drawings.

#### **PART 3 - EXECUTION**

##### **PREPARATION:**

Prepare 2x4 alignment "batter" boards at all interior and exterior corners and at all doorways. Provide strings for coursing guides and alignment guides.

##### **ERECTION:**

Lay unburned clay masonry units in running bond with vertical joints located at center of units in course below, U.O.N.

Do not wet unburned clay masonry units prior to laying.



Mortar joints: 1/2 inch maximum thickness, Type "S", 1800 psi at 28 days.

Horizontal Reinforcement: Embed continuous reinforcing every 4th course.

Vertical Reinforcement: As shown on the Drawings.

Interlap unburned clay masonry units at corners and wall intersections, as per details.

**FIELD QUALITY CONTROL:**

Lay-up walls plumb and true and with courses level, accurately spaced and coordinated with other work to a tolerance of 1/8 inch in 10 feet.

Cover top course of each day's work with waterproof material weighted against displacement and overhanging all sides, minimum 2 feet.

**CLEANING:**

Clean surfaces of excess mortar, at the end of each day's work and remove mortar and adobe droppings from floor.

**END OF SECTION**

## **SECTION 06100**

### **ROUGH CARPENTRY**

#### **1 GENERAL**

##### **1.1 SCOPE:**

Furnish and install all rough carpentry complete with all necessary accessories.

##### **1.2 QUALITY ASSURANCE:**

Grading rules of the West Coast Lumber Inspection Bureau, the Western Wood Products Association, the American Plywood Association and the California Redwood Association apply to materials furnished under this Section.

Identify all lumber and plywood by official grade mark of these Associations.

##### **1.3 SUBMITTALS:**

Submit samples of rough carpentry materials which will be exposed to view in finish work (exposed decking, etc.) and all metal framing connectors and accessories prior to use.

#### **2 MATERIALS**

##### **2.1 DIMENSIONS:**

Sizes indicated are nominal. Actual dimensions conform to National Product Standard 20.

##### **2.2 SILLS and PLATES:**

Redwood, foundation grade, or pressure-treated Hem-Fir #2

##### **2.3 STUDS:**

Spruce-Pine-Fir (SPF), #2 or better

##### **2.4 POST, BEAMS and TIMBERS:**

Spruce-Pine-Fir (SPF), #2 or better

##### **2.5 HORIZONTAL 2x FRAMING:**

All other horizontal 2x framing members: Spruce-Pine-Fir, #2, unless noted on drawings.

##### **2.6 VERTICAL 2x FRAMING:**

All other vertical 2x framing members: SPF #2 or better

##### **2.7 PLYWOOD:**

Graded as per APA to meet requirements of U.S. Product Standard PS 1.

##### **2.7.1 CONCEALED SHEATHING:**

C-D grade with exterior glue.

##### **2.7.2 SHEAR PANEL SHEATHING:**

C-D grade with exterior glue.

##### **2.7.3 EXPOSED SHEATHING:**

Exterior grade A-C with exterior glue.

##### **2.8 DECKING:**

(not used)

##### **2.9 EXTERIOR TRIM:**

Redwood or Cedar, Select Heart grade.

##### **2.10 STEEL HARDWARE:**

ASTM A-36 (Use galvanized or painted at exterior locations.)

##### **2.11 MACHINE BOLTS:**

ASTM A-307

##### **2.12 LAG BOLTS:**

Fed. Spec. FF-B-561

##### **2.13 NAILS:**

Common (except as noted), Fed. Spec. FF-N-1-1 (Use galvanized at exterior locations.)

##### **2.14 VIGAS:**

(not used)

##### **2.15 LIGHT METAL CONNECTORS:**

Joist Hangers, Framing Anchors & Clips shall be a minimum thickness of 18 ga., galvanized, unless otherwise noted on the Drawings. All pre-punched nail holes shall be used with nails as recommended by the manufacturer for the various connectors. Use "Simpson" or an approved equal.

##### **2.16 PRESERVATIVE TREATMENT:**

When called for on the Drawings, all solid lumber and plywood pressure treated to the standards of the American Wood Preserver's Association for water borne CCA, at a rate of 0.25 lbs/cf retained after treatment for all applications above ground, and 0.40 lbs/cf retained after treatment for all applications below ground or in contact with water. Water borne CCA to conform to Federal Specification TT-W-550. All bearing plates, nailers and blocking partially or totally unbedded in concrete or masonry shall be pressure treated.

#### 2.17 FIRE RETARDANT:

When required use Fire Retardant Treatment process conforming to C-20 and C-27 of the American Wood Preserver's Association. Materials so treated must bear the quality mark of the American Wood Preservers' Bureau. Flame spread maximum of 25 as measured in accordance with ASTM E-84.

#### 2.18 PROTECTION & STORAGE:

Protect all lumber and sheathing from weather and store 12" above the ground.

### 3 **EXECUTION**

#### 3.1 SILLS:

Set level to within 1/8" in 12 feet, in mortar bed if necessary to bring stem wall level. Do not shim.

#### 3.2 POSTS & BEAMS:

Erect straight, plumb and level and in line.

#### 3.3 STUDS:

Provide in continuous lengths without splices. Provide triple studs at corners and wall intersections with nailing surface for edge of finishes. Bore holes not greater than 40% of width of studs, minimum 3/4 inch from edge of stud. Notch to a depth less than 25% of stud width for bearing walls and 40% for non-bearing walls.

#### 3.4 FRAME OPENINGS:

Provide double jamb studs (1 support king stud and 1 trimmer stud) for openings less than 4 feet wide, quadruple jamb studs for openings over 4 feet, unless noted otherwise on drawings.

#### 3.5 JOISTS:

Install with crown edges up. Bear ends minimum 1 1/2" (3 inches on masonry). Provide solid blocking of same section size as joist at ends of joist and for bridging as following (unless otherwise shown): Span to 10 feet - one row mid-span; spans to 20 feet - two rows at third points; spans to 30 feet - rows of bridging 8 foot maximum apart. Pre-manufactured metal or 1x3 wood cross bridging may be substituted for solid bridging on concealed work. Notch no more than 1/10 the depth of the joist, not in the middle third. Bore holes no more than 1/4 depth of joist, minimum 2" from top or bottom of joist. Provide double joist under all partitions running parallel to joists.

#### 3.6 PLYWOOD SHEATHING:

Place with face grain perpendicular to supports. Stagger joints and locate over center of framing. Allow 1/16 inch between edge joints and 1/8 inch between side joints to allow for expansion and contraction. Unless otherwise called for on the Drawings support all edges perpendicular to framing by use of lumber blocking and nail 6 inches on center along all edges and 12 inches on center at intermediate supports with 8d nails.

#### 3.7 VIGAS:

(not used)

#### 3.8 NAILING SCHEDULE:

Unless otherwise indicated on the Drawings or required by pertinent codes and regulations, provide at least the following nailing:

- ☐ Blocking to joist bearing: Two 10d toenailed each side
- ☐ Blocking to joist or studs: Two 10d toenailed each side
- ☐ Bridging to joist: Two 8d toenailed
- ☐ Built-up beams eight inches or less in depth: 16d @ 24 inches on center, top and bottom and staggered
- ☐ Built-up beams greater than 8 inches deep: 16d @ 12 inches on center, top and bottom and staggered
- ☐ Joist and rafters to plate: Two 10d toenailed each side or framing anchor
- ☐ Joists to headers and headers to trimmers: Use joist hangers only
- ☐ Multiple joists: 16d @ 12 inches on center, top & bottom and staggered

- [] One inch furring to underside of joist: Two 8d ( one straight; one slanted)
- [] Two inch furring to underside of joist: Two 16d (one straight; one slanted)
- [] Studs toenailed to plate: Two 10d each side
- [] Studs end nailed to plate: Two 16d
- [] Studs nailed together: 16d twelve inches on center, staggered
- [] Plates: Upper to lower: 16d @ 12 inches on center, staggered
- [] At splices: Two 16d face nailed
- [] Plate lap at corners: Two 16d face nailed
- [] Below shear panels:
  - Sill to blocking or joist: 16d @ four inches on center
  - Blocking or joist to plate: 16d toenailed @ four inches on center
  - Upper plate to lower plate: 16d @ four inches on center, staggered

### 3.9 THRU BOLTING:

Drill holes 1/16 inch larger in diameter than the bolts being used for thru bolts. Drill straight and true from one side only. Bolts threads shall not bear on wood. Use washers under head and nut where both bear on wood; use washers under all nuts.

### 3.10 LAG BOLTS & SCREWS:

For lag bolts and wood screws, pre-bore holes same diameter as root threads; enlarge holes to shank diameter for length of shank as per American Institute of Timber Construction Manual, current edition. Screw, do not drive, all lag bolts and wood screws.

### 3.11 MECHANICAL PENETRATIONS:

Frame out openings and provide necessary lintels, double studs, headers and trimmers for passage of pipes, ducts, etc. to avoid compromising structure.

### 3.12 BLOCKING:

Provide blocking as necessary to support or attach countertops, door stops, toilet accessories, chalkboards, shelving, cabinets, bases, trim, and other items indicated on the Drawings. Provide sufficient blocking with secure attachment to structure. Unless, otherwise shown on Drawings, provide blocking continuous at mid-height of walls on all walls higher than 8'-0".

### 3.13 PROTECTION:

Protect all installed carpentry work from weather.

### 3.14 CLEAN UP:

Keep the premises in a neat, safe and orderly condition at all times during execution of this portion of work, free from accumulation of sawdust, cut ends, and debris.

## END OF SECTION

## **SECTION 09221**

### **GLASS FIBER REINFORCED PLASTER**

#### **PART 1 - GENERAL**

##### **SECTION INCLUDES:**

Furnish labor, materials, equipment and appliances to complete the installation of the Glass Fiber Reinforced Plaster System.

##### **RELATED SECTIONS:**

Section 01340 - Shop Drawings, Product Data and Samples

Section 01600 - Material and Equipment

##### **SUBMITTALS:**

Submit data in accordance with Section 01340 - Shop Drawings, Product Data and Samples.

Submit Manufacturer's technical information including installation instructions and recommendations.

##### **QUALITY ASSURANCE:**

Applicator Qualifications: Applicator of glass fiber reinforced cement plaster on at least three projects equal in scope to this Work. Applicators specializing in the installation of exterior stucco assembly with a minimum of 5 years experience in work similar to this project in size and scope.

Requirements of Regulatory Agencies: Install stucco basecoat assembly to comply with all applicable codes and standards and with requirements of local agencies having jurisdiction.

Single Source Responsibility: All stucco and basecoat finish materials shall be from a single manufacturing source.

##### **Mock-up:**

- 1.) 2 ft. x 2 ft. sample panel of same materials as for project.
- 2.) Show color, texture and workmanship of finish work.
- 3.) Do not proceed with work until sample has been approved by Architect/Engineer.

##### **DELIVERY, STORAGE AND HANDLING:**

See Section 01600 - Material and Equipment.

#### **PART 2 - PRODUCTS**

##### **MANUFACTURERS:**

- A.) El Rey Fiber-47  
-or approved equal.

##### **MATERIALS:**

###### **Lathing Materials:**

Metal lath: For general use over supports 16 inches or less on centers, around doors, around windows, around extended vigas and canales, top of yardwalls and at parapets shall be diamond mesh, expanded, painted metal lath, fabricated from #24 U.S. Standard gage copper alloy sheets weighing 3.4 # per sq.yd.(red end), used in accordance with ASTM C897..

###### Stucco Netting:

1 inch x 17 Gage self-furring, for general use over Jumbo-Tex paper and sheathing or for use over Jumbo-Tex paper and existing painted or plaster walls.

###### Casing Bead, Control Joints, Slip Joints, Drip/Weep Screeds, Corner Joints, and Expansion Joints:

For exterior work shall be USG No.66 7/8 inch ground, with expansion wings.

Weep Screeds(foundation) with perforations and minimum 3.5 inch attachment flange.

###### Expansion Joints:

2-pc adjustable expansion joints, free floating adjustments from 1/4 inch to 5/8 inch.

Continuous expansion joints shall be installed at all areas of dissimilar materials, multiple story plate lines or existing engineered through wall expansion joints.

Per ASTM C 1063, each expansion and/or contraction joints shall be installed in walls not more than 144 s.f. in area and not more than areas of 100 sf for all horizontal applications. The distance between joints shall not exceed 18 ft in either direction or a length-to-width ratio of 2.5 to 1, unless otherwise indicated on the drawings.

Reinforcement:

Corner bead, cornerite and striplath.

Plastering Materials:

Stucco shall be standard product as manufactured by the above listed Manufacturer. Material shall be factory integral color. Contractor shall order enough material to complete the entire Project and 20 extra sacks to be delivered to the Owner for future patching and maintenance.

Stucco order shall be obtained as a single "batch" order to insure consistency of color throughout the Project.

Color as per Owner and/or Architect.

El Rey Fiber-47, Fiber Reinforced Portland Cement Stucco System

Portland Cement: C 150 Type 1

Sand: Clean, sharp particles graded to ASTM C897

Water: Clean, free of alkali and fit for human consumption.

Admixtures: No admixtures are allowable.

### **PART 3 - EXECUTION**

**INSPECTION:**

Verify that surfaces to be plastered are free of dust, loose articles, oil, and other foreign matter which would affect bond.

Verify that stucco netting is tight with no overlapping of wire, that all corner aid is properly attached and all metal lath around doors, around windows, around extended vigas and canales, top of yardwalls, and at parapets is secure.

**INSTALLATION:**

Protection: Protect adjacent finished surfaces prior to stuccoing. Maintain protection in place until completion of work. Protect finished work when stopping for the day or when completing an area.

**Suspension System:**

All members shall be aligned for true level surface and straight lines with a tolerance of not more than 1/8 inch from level in 10 feet.

**Metal Plaster Base:**

Metal lath shall be attached to supports not more than 6 inches apart. Metal lath or wire fabric lath shall be applied with the long dimension of the sheets perpendicular to supports.

Metal lath shall be lapped not less than 1/2 inch at sides and 1 inch at ends. Where end laps of sheets do not occur over supports, they shall be securely tied together with not less than No.18 U.S. gage wire.

Cornerite shall be installed in all internal and external corners to retain position during plastering. Cornerite may be omitted when lath is continuous or when plaster is not continuous from one plane to an adjacent plane.

**APPLICATION:**

**Metal Lathing:**

**Plastering:**

Plaster on metal lath and stucco net surfaces shall be three coat work. Doubling back with brown coat over scratch coat before the latter is dry will not be permitted on the three coat work.

Stucco shall not be applied to surfaces which contain frost. When exterior stucco is applied during cold weather, longer curing periods are necessary. Stucco shall not be allowed in freezing weather unless special precautions are taken to keep the materials at a temperature above 40 degree F. during mixing and for at least 48 hours after application, and such measures shall be subject to the approval of the Architect. Anti-freeze admixture shall not be used in stucco. Maximum ambient air temperature of 120 deg F. Protect stucco from uneven and excessive

evaporation during hot weather. Do not apply basecoat during inclement weather, unless appropriate protection is provided.

Grounds: Unless otherwise indicated, the minimum thickness of plaster including finish coat, shall be 7/8 inch.

**General Application:**

Mix and apply Fiber Glass Reinforced Plaster in accordance with the manufacturer's latest printed mixing and application recommendations.

**Base Coat Application:**

**Scratch Coat:**

Scratch (first) Coat shall be applied in a full 3/8" depth with sufficient pressure to form a good bond with masonry surfaces or to force it through and completely embed the metal reinforcement. Crossrake (horizontally) and after set, damp cure for not less than 48 hours. Water for mixing shall be added in the very minimum amount required to produce a stiff plastic mix as recommended by Manufacturer. Anti-freeze admixtures shall not be used.

**Brown Coat:**

Brown (second) coat shall be rodded level to a full 3/8" depth and lightly crossraked to receive the finish coat. After set, damp cure for at least 48 hours before applying the finish (third) coat.

Damp curing of each coat shall be accomplished by applying water in a fine, fog spray. Only as much water shall be applied as is readily absorbed. The frequency of spraying required will depend on the weather exposure, more frequent applications being required during hot, dry and windy weather.

**Finish Coat:**

Trowel Finish (third or color) Coat: Scratch stucco in thoroughly in immediately double back to fill out to a smooth, dense surface for decoration, free of surface blemishes and irregularities. Apply finish coat as thin as possible, preferably 1/16 inch to not more than 1/8 inch maximum thickness.

Float Finish Coats: Scratch stucco in thoroughly and immediately double back to a true, even surface. Float using a cork, wood, carpet or rubber float to bring aggregate to the surface to produce a finish of uniform texture free of slick spots, cat faces and other blemishes. Use water sparingly in natural color finish. Fog-spray surface with water for several days after setting.

**Patching:**

Point up around trim and other work. Cut out and patch defective and damaged plaster. Patch plaster to match existing work in texture and finish flush and smooth.

**Final Fog-Spray:**

After all patching and trimming, thoroughly and neatly, mask all areas not to receive stucco color off-spray. Spray entire plaster work with a fogging solution as recommended by the manufacturer to achieve a smooth, consistent color throughout the Project.

**FIELD QUALITY CONTROL:**

Do not add any foreign materials such as soap, salts or limes to the mix. Work will not be accepted. Work found to contain these materials will be removed and re-applied.

**CLEANING:**

Upon completion, point-up plaster around trim and other locations where plaster meets dissimilar materials. At the completion of the finish plaster work, clean all plaster from beads, screeds, metal base and metal trim, leaving work ready for decoration by others. Remove all plaster rubbish, excess material, scaffolding, tools and other equipment from the building, leaving floors broom clean.

**END OF SECTION**

INDEX TO DRAWINGS

- A0 COVER SHEET
- A1 INFORMATION SHEET
- A3.1 FLOOR PLAN EXISTING / DEMO  
FLOOR PLAN (WORK ITEMS)
- A11 BUILDING SECTIONS  
MISCELLANEOUS DETAILS
- A13 BUILDING ELEVATIONS
- A17 MISCELLANEOUS DETAILS

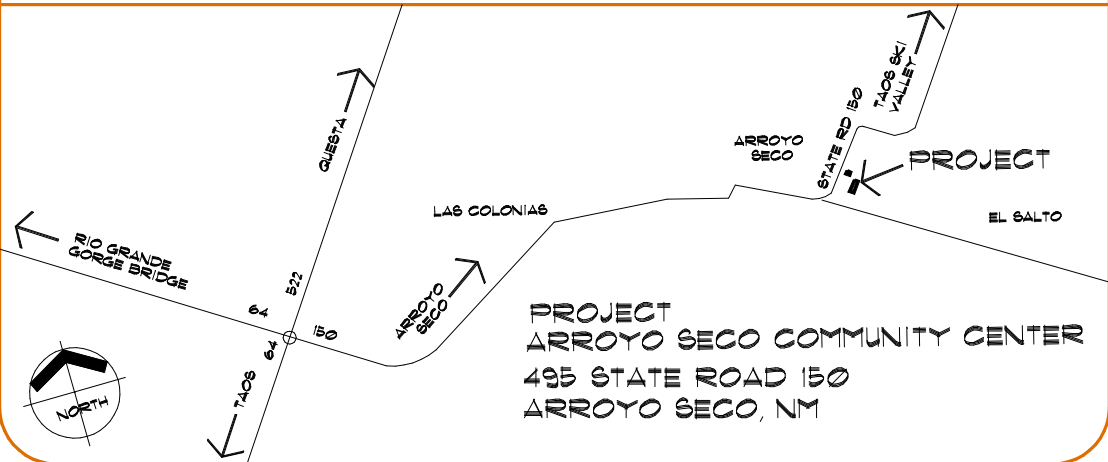
CODE DATA

Existing Occupancy: Group B, F1 & F2  
Existing Construction Type: V-B

The Scope of Work does not increase Occupancy Count  
on this existing building use.

Description of Construction Scope: Repair and Maintenance of Existing deteriorating  
Exterior Adobe Wall

LOCATION MAP



EXTERIOR WALL  
REPAIR  
PHASE THREE

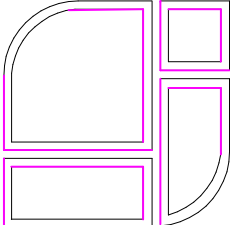
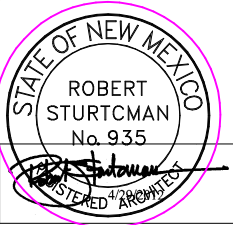
TAOS COUNTY:

ARROYO SECO COMMUNITY CENTER

ARROYO SECO, NEW MEXICO  
PROJECT FOR: TAOS COUNTY

TAOS COUNTY BID # B-2012-07

PROJECT NO. J110909  
DATE: April 2012



ROBERT J. STURTCMAN  
ARCHITECT

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Casa Talpa, Suite 2, Hwy 518 \* Talpa, New Mexico 87551  
(575) 758-4933 FAX (575) 758-4061



[illegible]

REQUIRED BUILDING INSPECTIONS BY THE BUILDING OFFICIAL HAVING JURISDICTION IN THE AREA OF THIS SITE, SHALL BE PROVIDED IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE INTERNATIONAL BUILDING CODE, LATEST ADOPTED EDITION.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL BE VERIFIED BY THE CONTRACTOR AND SHALL BE HIS RESPONSIBILITY TO AVOID USING SCALED DIMENSIONS TAKEN BY HIM OR ANY OF HIS REPRESENTATIVES. WHEN SPECIFIC DIMENSIONS ARE NOTED, THE CONTRACTOR SHALL VERIFY DIMENSIONS CONTAINED HEREIN WITH ACTUAL EXISTING CONDITIONS ENCOUNTERED IN THE FIELD AND SHALL NOTIFY THE OWNER OF ANY DISCREPANCIES FOUND.

WRITTEN DIMENSIONS ON THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. THIS OFFICE MUST BE NOTIFIED OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.

ALL WORK SHALL CONFORM TO APPLICABLE CODES. IF DESIGN EXCEEDS CODE, DESIGN GOVERNS. CONTRACTOR TO IMMEDIATELY CALL ANY APPARENT CODE VIOLATION TO THE ATTENTION OF THE ARCHITECT FOR RESOLUTION AND REMEDY AS REQUIRED.

DRAWINGS, SPECIFICATIONS, IDEAS, DESIGNS AND ARRANGEMENTS REPRESENTED THEREIN AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT, AND NO PART THEREOF SHALL COPIED, DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY WORK OR PROJECT OTHER THAN THE SPECIFIED PROJECT FOR WHICH THEY HAVE BEEN PREPARED AND DEVELOPED WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT. VISUAL CONTACT WITH THESE PLANS OR SPECIFICATIONS SHALL CONSTITUTE EVIDENCE OF ACCEPTANCE OF THESE RESTRICTIONS.

SLOPE FINISH GRADE A MINIMUM OF 2 PERCENT AWAY FROM BUILDING FOR POSITIVE DRAINAGE AT NEW CONSTRUCTION 1:1.0 V. OR DESIGNATED PROVIDE 2 PERCENT SLOPE AWAY FROM EXISTING BLDG AS IS POSSIBLE.

PROTECT ALL EXISTING TREES, BUSHES AND OTHER GROUND COVER NOT REMOVED BY THE OWNER UNDER SEPARATE CONTRACT.

VERIFY AND OBTAIN PRIOR APPROVAL PRIOR TO REMOVAL OF EXISTING TREES, BUSHES AND OTHER GROUND COVER W/ THE OTHERS ITEMS NOT PREVIOUSLY IDENTIFIED TO BE REMOVED.

ALL ELEVATIONS SHOWN ARE NOMINAL. CONTRACTOR TO ALLOW FOR FLOOR CONSTRUCTION, FINISH FLOOR MATERIALS AND OTHER SPECIAL DETAILS.

FRAMING PLANS SHOW STRUCTURAL REQUIREMENTS ONLY. ADDITIONAL DETAILS MAY BE NECESSARY FOR BLOCKING, KALLER, HEADERS, ETC. CONTRACTOR SHALL PROVIDE ALL NECESSARY MEMBERS AND PIECES AS IS NEEDED FOR A COMPLETE JOB.

DETAILS AND INFORMATION PROVIDED IS INTENDED TO PROVIDE FOR A COMPLETE PROJECT. SOME DETAILS MAY NEED MODIFICATION TO PROVIDE FOR OTHER SIMILAR CONDITIONS NOT SPECIFICALLY ADDRESSED. OBTAIN INFORMATION FROM THE A/E AS NECESSARY.

USE AS REQUIRED "TIMPSON" -OR APPROVED EQUAL- ,HARDWARE, BEAM CONNECTORS, POST CAPS, COLUMN BASES, CLIPS, ETC.

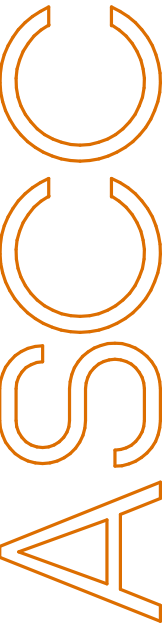
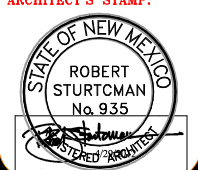
PROVIDE SOLID BLOCKING FOR HORIZONTAL MEMBERS AT SUPPORTS AND FULLY BRACE FOR ENDS. FOR VERTICAL MEMBERS, PROVIDE THE NECESSARY FOR VERTICAL SIDING, AND AS BACKING FOR CABINETS, SHIELDING, TOWER BARS AND OTHER MISCELLANEOUS ITEMS.

CONCRETE SHALL HAVE (f'c)=4000 PSI AT 28 DAYS. REINFORCING SHALL BE #4 OR 4-#5 OR 6-#4 OR 8-#4 OR 10-#4 OR 12-#4 OR 14-#4 OR 16-#4 OR 18-#4 OR 20-#4 OR 22-#4 OR 24-#4 OR 26-#4 OR 28-#4 OR 30-#4 OR 32-#4 OR 34-#4 OR 36-#4 OR 38-#4 OR 40-#4 OR 42-#4 OR 44-#4 OR 46-#4 OR 48-#4 OR 50-#4 OR 52-#4 OR 54-#4 OR 56-#4 OR 58-#4 OR 60-#4 OR 62-#4 OR 64-#4 OR 66-#4 OR 68-#4 OR 70-#4 OR 72-#4 OR 74-#4 OR 76-#4 OR 78-#4 OR 80-#4 OR 82-#4 OR 84-#4 OR 86-#4 OR 88-#4 OR 90-#4 OR 92-#4 OR 94-#4 OR 96-#4 OR 98-#4 OR 100-#4 OR 102-#4 OR 104-#4 OR 106-#4 OR 108-#4 OR 110-#4 OR 112-#4 OR 114-#4 OR 116-#4 OR 118-#4 OR 120-#4 OR 122-#4 OR 124-#4 OR 126-#4 OR 128-#4 OR 130-#4 OR 132-#4 OR 134-#4 OR 136-#4 OR 138-#4 OR 140-#4 OR 142-#4 OR 144-#4 OR 146-#4 OR 148-#4 OR 150-#4 OR 152-#4 OR 154-#4 OR 156-#4 OR 158-#4 OR 160-#4 OR 162-#4 OR 164-#4 OR 166-#4 OR 168-#4 OR 170-#4 OR 172-#4 OR 174-#4 OR 176-#4 OR 178-#4 OR 180-#4 OR 182-#4 OR 184-#4 OR 186-#4 OR 188-#4 OR 190-#4 OR 192-#4 OR 194-#4 OR 196-#4 OR 198-#4 OR 200-#4 OR 202-#4 OR 204-#4 OR 206-#4 OR 208-#4 OR 210-#4 OR 212-#4 OR 214-#4 OR 216-#4 OR 218-#4 OR 220-#4 OR 222-#4 OR 224-#4 OR 226-#4 OR 228-#4 OR 230-#4 OR 232-#4 OR 234-#4 OR 236-#4 OR 238-#4 OR 240-#4 OR 242-#4 OR 244-#4 OR 246-#4 OR 248-#4 OR 250-#4 OR 252-#4 OR 254-#4 OR 256-#4 OR 258-#4 OR 260-#4 OR 262-#4 OR 264-#4 OR 266-#4 OR 268-#4 OR 270-#4 OR 272-#4 OR 274-#4 OR 276-#4 OR 278-#4 OR 280-#4 OR 282-#4 OR 284-#4 OR 286-#4 OR 288-#4 OR 290-#4 OR 292-#4 OR 294-#4 OR 296-#4 OR 298-#4 OR 300-#4 OR 302-#4 OR 304-#4 OR 306-#4 OR 308-#4 OR 310-#4 OR 312-#4 OR 314-#4 OR 316-#4 OR 318-#4 OR 320-#4 OR 322-#4 OR 324-#4 OR 326-#4 OR 328-#4 OR 330-#4 OR 332-#4 OR 334-#4 OR 336-#4 OR 338-#4 OR 340-#4 OR 342-#4 OR 344-#4 OR 346-#4 OR 348-#4 OR 350-#4 OR 352-#4 OR 354-#4 OR 356-#4 OR 358-#4 OR 360-#4 OR 362-#4 OR 364-#4 OR 366-#4 OR 368-#4 OR 370-#4 OR 372-#4 OR 374-#4 OR 376-#4 OR 378-#4 OR 380-#4 OR 382-#4 OR 384-#4 OR 386-#4 OR 388-#4 OR 390-#4 OR 392-#4 OR 394-#4 OR 396-#4 OR 398-#4 OR 400-#4 OR 402-#4 OR 404-#4 OR 406-#4 OR 408-#4 OR 410-#4 OR 412-#4 OR 414-#4 OR 416-#4 OR 418-#4 OR 420-#4 OR 422-#4 OR 424-#4 OR 426-#4 OR 428-#4 OR 430-#4 OR 432-#4 OR 434-#4 OR 436-#4 OR 438-#4 OR 440-#4 OR 442-#4 OR 444-#4 OR 446-#4 OR 448-#4 OR 450-#4 OR 452-#4 OR 454-#4 OR 456-#4 OR 458-#4 OR 460-#4 OR 462-#4 OR 464-#4 OR 466-#4 OR 468-#4 OR 470-#4 OR 472-#4 OR 474-#4 OR 476-#4 OR 478-#4 OR 480-#4 OR 482-#4 OR 484-#4 OR 486-#4 OR 488-#4 OR 490-#4 OR 492-#4 OR 494-#4 OR 496-#4 OR 498-#4 OR 500-#4 OR 502-#4 OR 504-#4 OR 506-#4 OR 508-#4 OR 510-#4 OR 512-#4 OR 514-#4 OR 516-#4 OR 518-#4 OR 520-#4 OR 522-#4 OR 524-#4 OR 526-#4 OR 528-#4 OR 530-#4 OR 532-#4 OR 534-#4 OR 536-#4 OR 538-#4 OR 540-#4 OR 542-#4 OR 544-#4 OR 546-#4 OR 548-#4 OR 550-#4 OR 552-#4 OR 554-#4 OR 556-#4 OR 558-#4 OR 560-#4 OR 562-#4 OR 564-#4 OR 566-#4 OR 568-#4 OR 570-#4 OR 572-#4 OR 574-#4 OR 576-#4 OR 578-#4 OR 580-#4 OR 582-#4 OR 584-#4 OR 586-#4 OR 588-#4 OR 590-#4 OR 592-#4 OR 594-#4 OR 596-#4 OR 598-#4 OR 600-#4 OR 602-#4 OR 604-#4 OR 606-#4 OR 608-#4 OR 610-#4 OR 612-#4 OR 614-#4 OR 616-#4 OR 618-#4 OR 620-#4 OR 622-#4 OR 624-#4 OR 626-#4 OR 628-#4 OR 630-#4 OR 632-#4 OR 634-#4 OR 636-#4 OR 638-#4 OR 640-#4 OR 642-#4 OR 644-#4 OR 646-#4 OR 648-#4 OR 650-#4 OR 652-#4 OR 654-#4 OR 656-#4 OR 658-#4 OR 660-#4 OR 662-#4 OR 664-#4 OR 666-#4 OR 668-#4 OR 670-#4 OR 672-#4 OR 674-#4 OR 676-#4 OR 678-#4 OR 680-#4 OR 682-#4 OR 684-#4 OR 686-#4 OR 688-#4 OR 690-#4 OR 692-#4 OR 694-#4 OR 696-#4 OR 698-#4 OR 700-#4 OR 702-#4 OR 704-#4 OR 706-#4 OR 708-#4 OR 710-#4 OR 712-#4 OR 714-#4 OR 716-#4 OR 718-#4 OR 720-#4 OR 722-#4 OR 724-#4 OR 726-#4 OR 728-#4 OR 730-#4 OR 732-#4 OR 734-#4 OR 736-#4 OR 738-#4 OR 740-#4 OR 742-#4 OR 744-#4 OR 746-#4 OR 748-#4 OR 750-#4 OR 752-#4 OR 754-#4 OR 756-#4 OR 758-#4 OR 760-#4 OR 762-#4 OR 764-#4 OR 766-#4 OR 768-#4 OR 770-#4 OR 772-#4 OR 774-#4 OR 776-#4 OR 778-#4 OR 780-#4 OR 782-#4 OR 784-#4 OR 786-#4 OR 788-#4 OR 790-#4 OR 792-#4 OR 794-#4 OR 796-#4 OR 798-#4 OR 800-#4 OR 802-#4 OR 804-#4 OR 806-#4 OR 808-#4 OR 810-#4 OR 812-#4 OR 814-#4 OR 816-#4 OR 818-#4 OR 820-#4 OR 822-#4 OR 824-#4 OR 826-

	PROPERTY LINE
	EXISTING GRADE
	FINISH GRADE
	EXISTING BUILDING ITEMS EXISTING
	DIRECTION OF DRAINAGE
	WATER LINE
	GAS LINE
	SEWER LINE
	ELECTRIC LINE
	TELEPHONE LINE
	PROJECT CONSTRUCTION FENCE
	EXPLORATORY BORING
	GEO TECH ELEVATION SYMBOL
	SPOT ELEVATION
	DOOR MARK INDICATION
	WINDOW MARK INDICATION
	SPECIAL NOTES OR EQUIPMENT
	ROOM NUMBER
	KEYED NOTE      38
	NEW FINISH GRADE
	EXISTING GRADE
	TOP OF WALL
	TOP OF CURB
	TOP OF PAVEMENT
	TOP OF WALKWAY
	TOP OF CONCRETE
	TOP OF PARAPET
	COLUMN GRID LINES
	BUILDING SECTIONS
	WALL SECTIONS
	DETAILS
	INTERIOR ELEVATIONS
	MATCH LINE
	REVISION (CLOUD AROUND REVISED DATA)
	WALL TYPE
	.CONTINUATION MATCH MARK
	NORTH ARROW

**PROJECT MANUAL**  
**THESE DRAWINGS ARE**  
**COMPANIED BY TEXTUAL SPECIFICATIONS**  
**AND ARE INCOMPLETE WITHOUT THEM.**

**FOR GENERAL NOTES**  
**AND INFORMATION,**  
**SEE SHEET A1**



ROBERT J. STURTCMAN - ARCHITECT DRAWING FILE 09-1-4 01/01/2009

Description of Work

GENERAL NOTES

PRIOR TO ANY RENOVATION OF THE WALLS OR PARAPETS TAKE PLACE, THERE MUST BE PROPER AND ADEQUATE ROOF SHORING AND SUPPORT AND WALL SHORING IN PLACE. CONTRACTOR SHALL PROVIDE ALL NECESSARY SHORING OF EXISTING BUILDING STRUCTURE TO PREVENT COLLAPSE OR FAILURE OF REMAINING BUILDING STRUCTURE AND RELATED BUILDING ELEMENTS. HE SHALL PROVIDE ALL SAFEGUARDS AND PROTECTION OF ALL PERSONNEL AND BUILDING ELEMENTS AS PER ALL CODES AND OSHA REQUIREMENTS.

SEE ALSO DETAILS B20/A17, NB1/A17, M1/A17 AND M10/A17

CONTRACTOR SHALL PROTECT ALL EXISTING UTILITY ITEMS, E.G. VENTS, GAS METER, GAS PIPING, EXHAUST VENTS, ETC IN THE DESIGNATED WORK AREAS.

BASE CONTRACT WORK (ALL ITEMS DESIGNATED W / "A")

- (A) REMOVAL AND REPLACEMENT OF EXISTING PARAPET WALL AND EXTERIOR WALL PLASTER (EXTENT AS SHOWN ON THE DRAWINGS: APPROXIMATELY 25 LF. (TO BE VERIFIED IN FIELD). PROVIDE AND CONSTRUCT WITH NEW STABILIZED ADOBE UNITS, A NEW PARAPET WALL COMPLETE WITH CONCRETE PARAPET BOND BEAM & COLUMN TIES WITH PORTLAND CEMENT PLASTER AND STUCCO ON EXTERIOR SURFACES OF SAME. PROVIDE ASSOCIATED ROOF FLASHING AND ROOF PATCHING MATERIALS AS NECESSARY AT ALL ROOF DECK/NEW PARAPET JUNCTURES FOR A WATERTIGHT ASSEMBLY. SEE WALL SECTION D AND RELATED DTLS. PROVIDE AND INSTALL NEW CRAWLSPACE VENT GRILLES SEE KEYNOTE (11) PROVIDE COMPLETE W/ BUG SCREENS
- REMOVE ALL LAYERS OF PLASTER AND WIRE TO ADOBE. APPROX 1'-6" W x BOT OF OVERHANG TO BELOW GRADE. (VERIFY IN FIELD). A/E TO INSPECT ADOBES, AFTER INSPECTION, PLASTER AND STUCCO AS PER KEYNOTE (2)
- PROVIDE AND INSTALL CRAWLSPACE EXHAUSTERS: AS PER KEYNOTE (14) SEE DETAIL CE1/A11

ADD ALTERNATE NO.1 (ALL ITEMS DESIGNATED W / "B")

- (B) REMOVAL AND REPLACEMENT OF EXISTING ADOBE WALLS AND PARAPET WALL OF THE EAST AND NORTH CORNER WALLS OF THE EXISTING BUILDING AND ASSOCIATED PLASTER FINISHES, EXTENT AS SHOWN ON THE DRAWINGS: APPROXIMATELY 36 LF. (TO BE VERIFIED IN FIELD) REMOVE EXISTING CONCRETE APRON AT THE EAST WALL (APPROXIMATELY 30 LF. TO BE VERIFIED IN THE FIELD). PROVIDE AND CONSTRUCT WITH NEW STABILIZED ADOBE UNITS, NEW WALLS AND ASSOCIATED PARAPET WALLS, INCLUDING CONCRETE BOND BEAMS. PROVIDE AND INSTALL 1 1/2" THK RIGID INSUL MFR PROVIDE AND APPLY PORTLAND CEMENT PLASTER AND STUCCO AT EXTERIOR SURFACES AND SMOOTH FINISH MUD PLASTER ON INTERIOR SURFACES OF NEW WALLS. PROVIDE ASSOCIATED ROOF FLASHING AND ROOF PATCHING MATERIALS AS NECESSARY AT ROOF/DECK PARAPET JUNCTURE FOR A WATERTIGHT ASSEMBLY. SEE WALL SECTIONS C AND E AND RELATED DETAILS.

REPLACE OR REPAIR ELECTRICAL OUTLETS IN EXISTING WALL TO BE REMOVED. BRACE OR SECURE AS NECESSARY AND ALIGN FOR NEW CONCRETE STEM WALL EXTENSION.

NOTE: EXISTING CRAWLSPACE VENTING TO REMAIN. PROTECT AND REPAIR AS NECESSARY DURING NEW CONC STEM WALL EXTENSION CONSTRUCTION. PROVIDE NEW 16 X 8 EXTERIOR GRILLES (4 REQ'D) W/ BUG SCREENS.

IN THE EVENT ADD ALTERNATE NO. 1 IS NOT TAKEN, CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY MOISTURE PROTECTION AS DESCRIBED BY DETAILS:



AREAS AS DESCRIBED ON THE FLOOR PLAN AS WORK AREA (W)

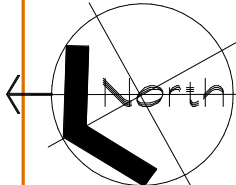
NOTE: DIRECTION OF VIGA SPAN INDICATED FOR CONTRACTOR'S INFORMATION CONCERNING REQUIRED SHORING, ETC.

- (1) NEW 10" X 14" X 4" NOMINAL STABILIZED ADOBES (SEE TECH. SPEC.)
- (2) 12" HORIZONTAL REINFORCEMENT (LADDER-TYPE) (DUR-O-WALL O.A.E.) AT 16" O.C. (EVERY FOURTH COURSE)
- (3) (1) LAYER 15# BUILDING PAPER
- (3P) (2) LAYERS OF 15# BUILDING PAPER AT TOP OF PARAPET, DOWN 24" EACH FACE, NO TOP NAILING
- (4) 17 GAUGE STUCCO NET
- (5) 3/4" THICK PORTLAND CEMENT STUCCO AND PLASTER (MATCH EXISTING BUILDING STUCCO COLOR)
- (6) NEW CONCRETE STEM WALL EXTENSION, SEE SECTIONS FOR SIZE AND REINFORCEMENT REQUIRED.
- (7) NEW CONCRETE BOND BEAM: 14" X 12" WITH (2) #5% CONTINUOUS
- (7P) NEW CONCRETE BOND BEAM: 14" X 8" WITH (2) #5% CONTINUOUS AT TOP OF PARAPET
- (8) 3/4" PLYWOOD AT INSIDE OF PARAPET
- (9) 4" CANT STRIP
- (10) NEW 2X6 NAILER FOR ROOF SLOPE RAFTERS PROVIDE NAILER BLOCKS AS REQUIRED FOR ROOF DECK NAILER / LEDGER
- (11) NEW CRAWLSPACE VENT GRILLES. REMOVE EXISTING, PROVIDE & INSTALL NOMINAL 16" X 8" (VERIFY IN FIELD) GALV MTL GRILLES
- (12) REMOVE ALL LAYERS OF WIRE AND PLASTER AS PER KEYNOTES 3, 4 & 5
- (13) PROTECT EXISTING WINDOW
- (14) NEW CRAWLSPACE EXHAUSTERS
- (15) (2) #5% CONTINUOUS, SEE DETAIL B20/A17
- (16) #5 VERTICAL @ 24" O.C. STAGGER DRILL EXISTING STEM WALL 12" SET #5 VERTICAL REBAR IN EPOXY AT EXISTING BUILDING STEM WALL.
- (17) PROVIDE MOISTURE MEMBRANE SEPARATION AT EACH FLOOR JOIST FROM NEW CONCRETE STEM POUR.
- (18) 1/2" THICK SMOOTH TROWEL FINISH "MUD" PLASTER. VERIFY FINAL MUD MIXTURE OF TIERRA VIETA, SAND AND STRAW W/ ARCHITECT PRIOR TO APPLICATION. (HAND MIX, HAND APPLY AND TROWEL)
- (19) CUT ADOBES ABOVE PARAPET BOND BEAM, CONTOUR WITH MORTAR TO ACHIEVE "BATTERED" BASED PARAPET TOP.
- (20) EXISTING ROOFING MEMBRANE: PATCH & SEAL NEW PARAPET CONSTRUCTION TO EXISTING ROOF DECK AND ROOFING MEMBRANE WITH (1) LAYER OF MOD. BIT. ROOFING MOP APPLIED. PROVIDE FLASHING AS SHOWN PER DETAIL A10/A17

- E1 EXISTING ADOBE WALL
- E2 EXISTING WOOD LINTEL
- E3 EXISTING CONCRETE BOND BEAM (APPROX. LOCATION)
- E4 EXISTING CONCRETE FOOTING AND STEM WALL
- E5 EXISTING 2X6 WOOD FLOOR JOIST AND FLOOR DECK
- E6 EXISTING VIGAS AND DECK, SEE FLOOR PLAN FOR SPAN DIRECTION
- E7 EXISTING 2X6 ROOF OVERHANG AND GUTTER
- E8 EXISTING APPROXIMATE GRADE LINE
- E9 EXISTING CRAWLSPACE
- E10 EXISTING CONCRETE SLAB
- E11 EXISTING 2X6 RAFTERS, ROOF DECK, AND ROOF MEMBRANE

FLOOR PLAN

SCALE: 1/8" = 1'-0"



FOR GENERAL NOTES AND INFORMATION, SEE SHEET A1

PROJECT MANUAL PROJECT MANUAL ACCOMPANIED BY EXTERNAL SPECIFICATIONS AND ARE INCOMPLETE WITHOUT THEM.

PROJECT IDENTIFICATION

Name: Arroyo Seco Community Center

Project No: J10203

Date: APRIL 2012

REVISIONS:

DATE	BY	ITEM

Sheet Title: Floor Plan

Sheet No. A3 of 4

Note: No Revision shall be made to these documents that will alter the described project in any way unless signed and sealed addenda or change order has been issued by Robert J. Sturtcman

ROBERT J. STURTCMAN ARCHITECT

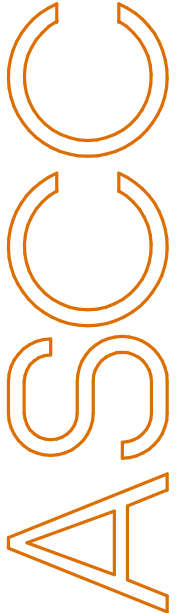
Mailing Address: 7118 Hwy 518, Rancho de Taos, NM 87557

Shipping Address: Casa Talpa, Suite 2, 7118 Highway 518, Taos, New Mexico 87557

Voice: (575) 758-4993, Facsimile: (575) 758-4067

ARCHITECT'S STAMP:

STATE OF NEW MEXICO, ROBERT STURTCMAN No. 935, REGISTERED ARCHITECT







- 

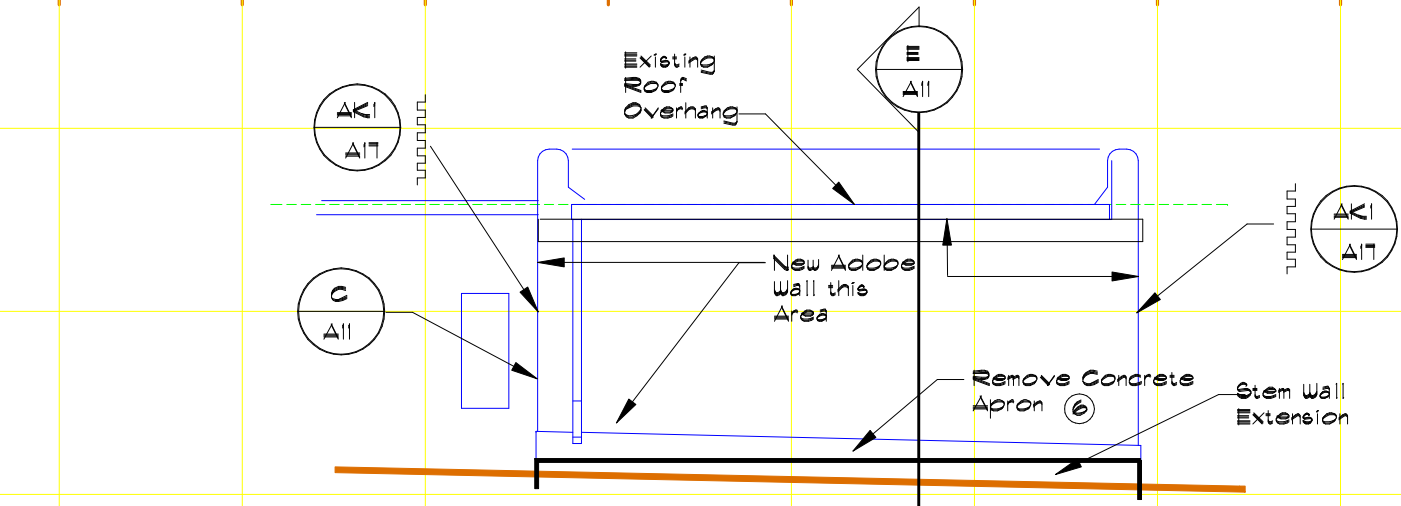


## Section E

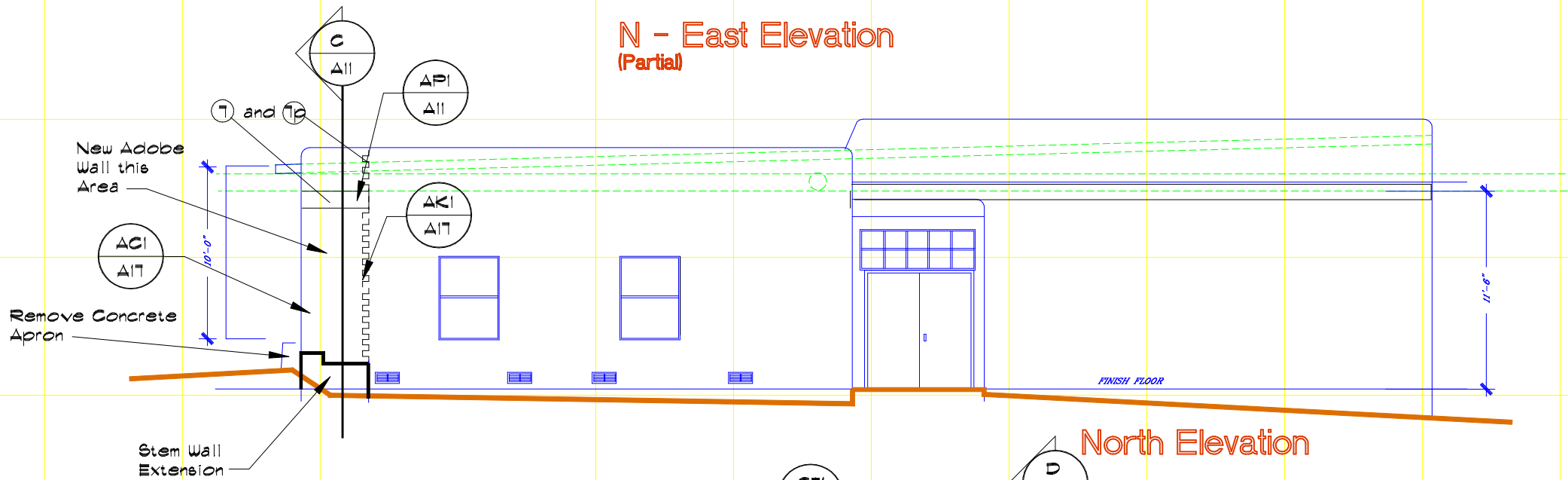
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## Wall Sections

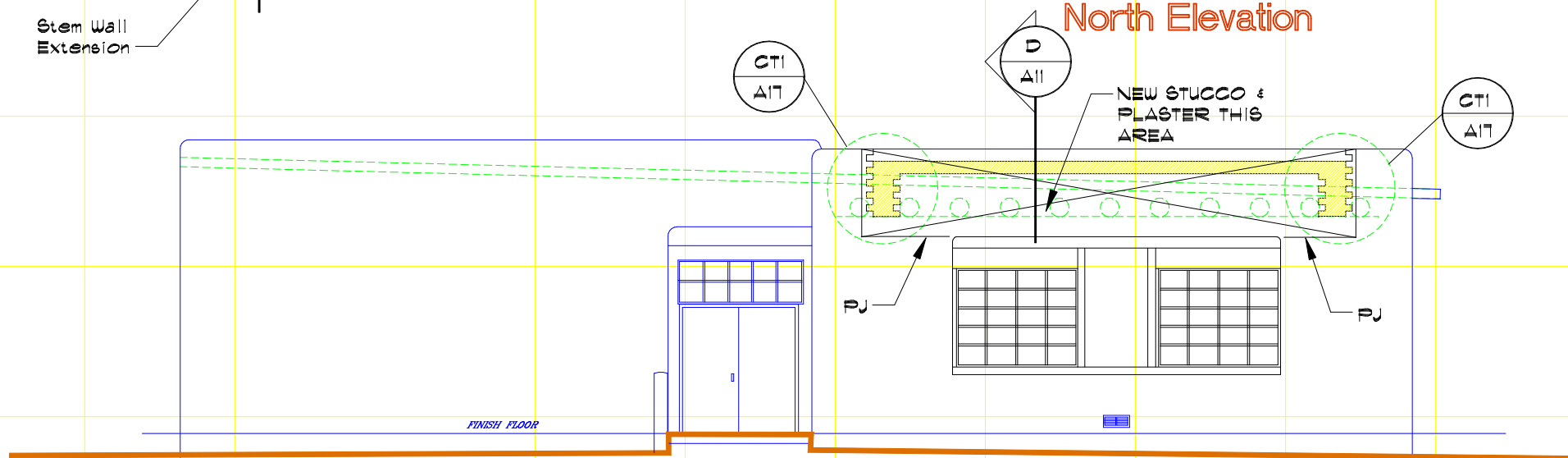
SCALE: 3/4" = 1'-0"



N - East Elevation  
(Partial)

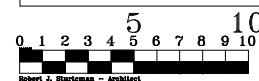


North Elevation



South Elevation

## BUILDING ELEVATIONS



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

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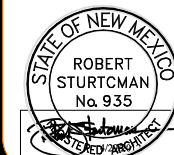
ROBERT J. STURTTMAN  
ARCHITECT

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ARROYO BECO

FOR GENERAL NOTES  
AND INFORMATION,  
SEE SHEET A1

PROJECT MANUAL  
THESE DRAWINGS ARE  
INCOMPLETE WITHOUT THEM.

### PROJECT IDENTIFICATION

Name: Arroyo Beco  
Community Center

Project No.: J110203  
Wall Repair

Date: APRIL 2012

### REVISIONS:

DATE	BY	ITEM

Sheet Title:

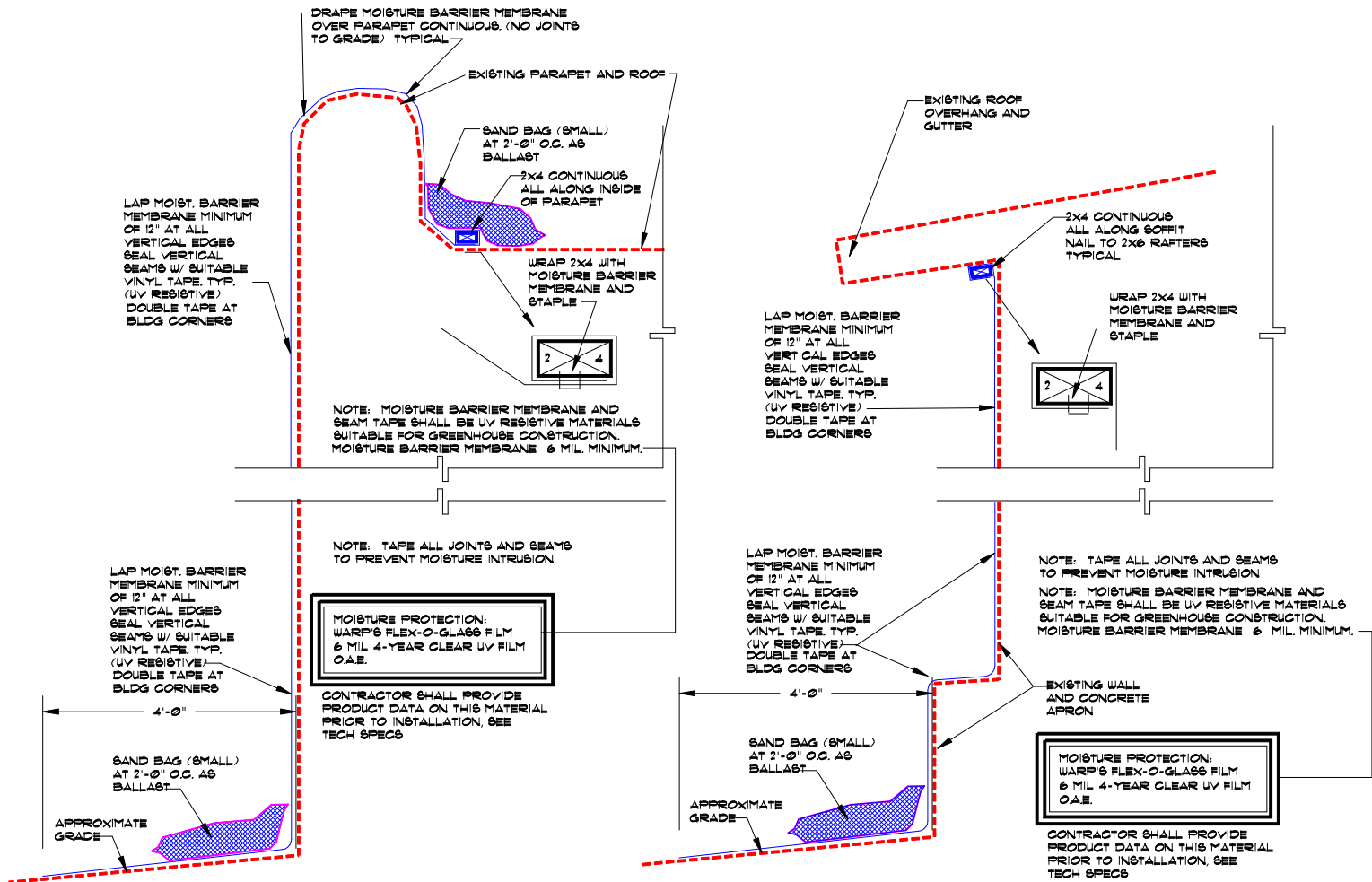
Building  
Elevations

Sheet No.

A13

of

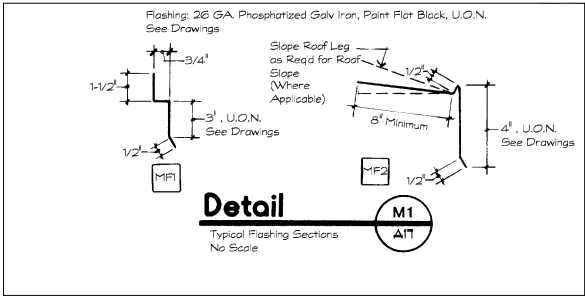
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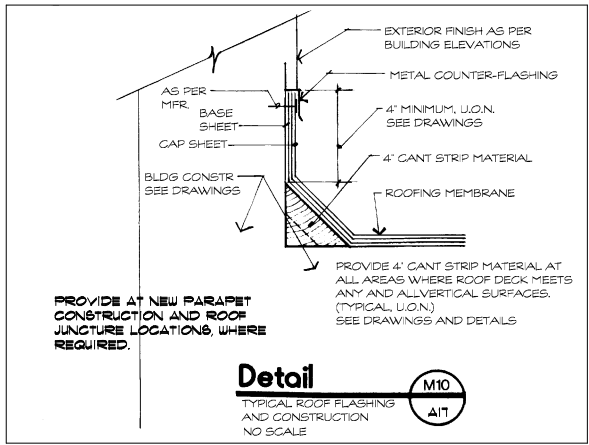
**DETAIL**  
TEMPORARY WALL  
MOISTURE BARRIER  
MEMBRANE AT PARAPET  
AND WALL AREAS

USE DETAILS IF ADD  
ALTERNATE NO. 1 IS  
NOT TAKEN

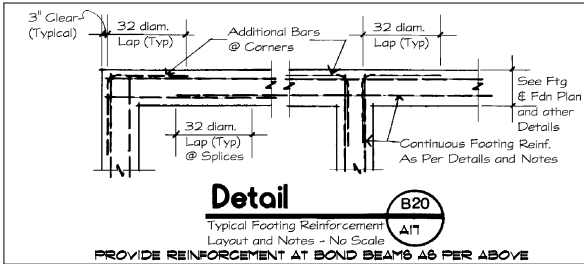
**DETAIL**  
TEMPORARY WALL  
MOISTURE BARRIER  
MEMBRANE AT PARAPET  
AND WALL AREAS



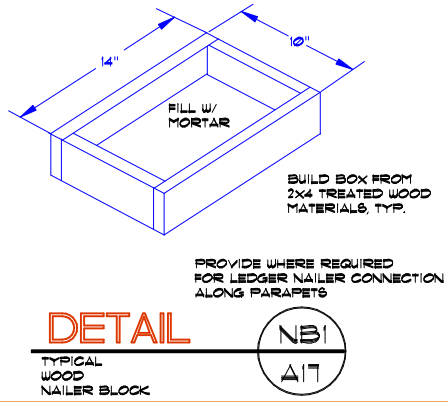
**Detail**  
Typical Flashing Sections  
No Scale



**Detail**  
TYPICAL ROOF FLASHING  
AND CONSTRUCTION  
NO SCALE

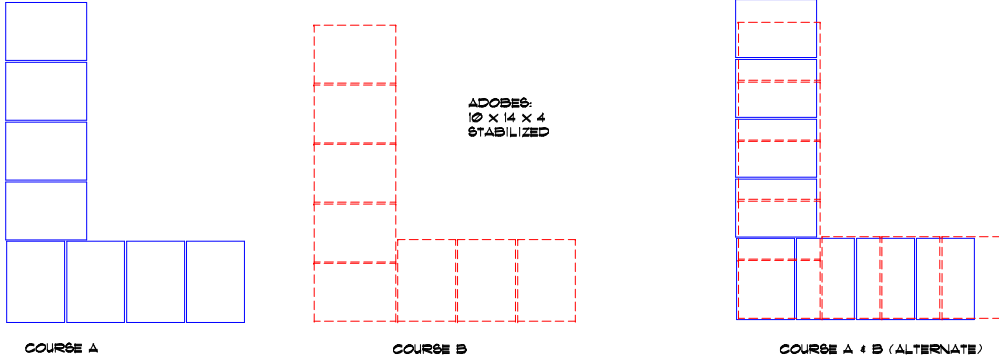


**Detail**  
Typical Footing Reinforcement  
Layout and Notes - No Scale



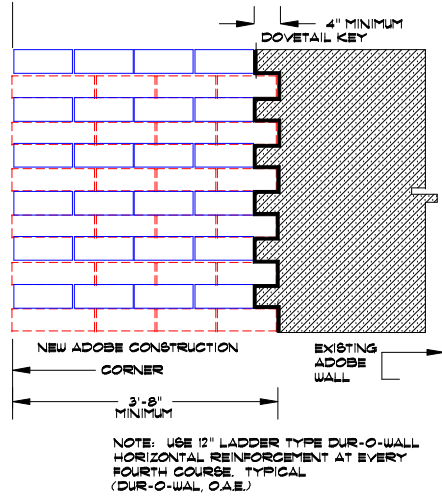
**DETAIL**  
TYPICAL  
WOOD  
NAILER BLOCK

Each Detail represents typical and intent of general construction at this location and other similar situations as may be applicable. Provide construction as shown, unless specifically keyed or noted otherwise on the drawings. See General and specific notes on each sheet and other related details. Modification of construction and/or assemblies shown may be required to accommodate related detailing and/or typical situations. If additional information is required or direct conflicts arise, contact this office immediately for clarification and/or remedy.

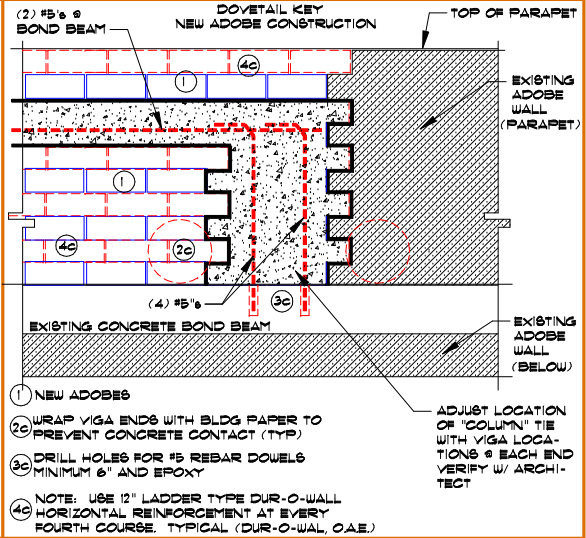


NOTE: USE 12\"/>

**DETAIL**  
TYPICAL  
ADOBE  
CORNERING



**DETAIL**  
TYPICAL  
ADOBE  
DOVETAIL KEYING



**DETAIL**  
TYPICAL  
ADOBE / COLUMN  
DOVETAIL KEYING

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ARCHITECT'S STAMP:  
STATE OF NEW MEXICO  
ROBERT STURTMAN  
No. 935  
REGISTERED ARCHITECT

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**PROJECT IDENTIFICATION**  
Name: Arroyo Seco  
Community Center  
Project No.: J10309  
Wall Repair  
Date: APRIL 2012  
**REVISIONS:**  
DATE BY ITEM  
Sheet Title:  
Typical  
Details  
Sheet No. A17 of 4