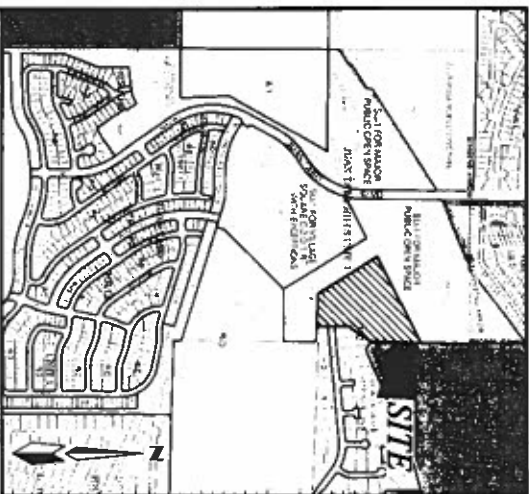


LEGAL DESCRIPTION

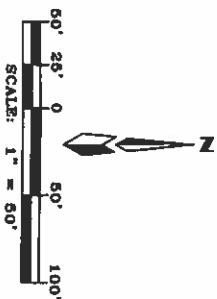
A tract of land situated within Sections 27 and 34, Township 10 North, Range 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being all of TRACT 2-A, JUAN TABO HILLS UNIT 3A, as shown on a map designated on said plat filed for record in the office of the County Clerk of Bernalillo County, New Mexico on December 22, 2005 in Book 2005C, Page 406 and contains 9.5455 acres more or less.



ZONE ATLAS MAP M-22 VICINITY MAP SCALE: NTS

EASEMENTS

- EXISTING 20' C.O.A. PERMANENT UTILITY EASEMENT (06-16-78, MISC. 608, PG. 359-364)
- EXISTING 10' C.O.A. U.G. SEWER LINE EASEMENT (06-21-78, BK.MISC. 698, PG. 291-293)
(07-09-78, BK.MISC. 702, PG. 289-291)
- EXISTING 50' C.O.A. DRAINAGE & UTILITY EASEMENT (01-07-81, CIV-174)
- EXISTING 10' GAS EASEMENT (09-30-97, BK. 97-27, PGS. 113-119)
- EXISTING A.M.A.F.C.A. FLOOD PLAIN EASEMENT (12-28-98, 98C-367) A PORTION TO BE VACATED
- EXISTING C.O.A. PUBLIC DRAINAGE EASEMENT (12-29-98, 98C-367)
- EXISTING 60' C.O.A. PUBLIC ROADWAY EASEMENT (12-29-98, 98C-367) TO BE VACATED
- EXISTING 60' ACCESS AND UTILITY EASEMENT (12-22-98, BK. 9816, PG. 5720) TO BE VACATED
- EXISTING 60' PUBLIC DRAINAGE AND VEHICULAR ACCESS EASEMENT (03-13-03, BK. A32, PG. 871) TO BE VACATED
- EXIST. 10' ONSET EASEMENT (12/22/2005, BK-2005C, PG-406)
- EXISTING PUBLIC SERVICE COMPANY OF NEW MEXICO EASEMENT (12/22/2005, BK-2005C, PG-406)
- EXISTING 15' WATERLINE EASEMENT (12/22/2005, BK-2005C, PG-406)
- EXIST 10' PUA GAS LINE EASEMENT (12/22/2005, BK-2005C, PG-406)
- EXISTING BLANKET DRAINAGE EASEMENT TRACT 2-A (01/19/05, BK. 2005C, PG. 22) TO BE VACATED
- EASEMENTS 33 through 40 TO BE DEDICATED ON THE JUAN TABO HILLS UNIT 3A FINAL PLAT
- NEW 10' PUE.
- NEW 10' PUA EASEMENT.
- NEW 20' PUBLIC PEDESTRIAN ACCESS, DRAINAGE AND SANITARY SEWER EASEMENT.
- NEW 10' CENTURY LINK EASEMENT.
- NEW 10' 120' CENTURY LINK ESMT.
- NEW 20' WIDE PUBLIC SANITARY SEWER EASEMENT.
- NEW 20' PUBLIC STORM DRAIN EASEMENT.
- NEW C.O.A. 51' WIDE PRIVATE ACCESS EASEMENT.
- NEW 60' PUBLIC ROADWAY EASEMENT.



- LEGEND**
- FOUND AND SET 5/8" REBAR WITH CAP 10-3 7/16
 - LIMITS OF VACATION
 - LIMITS OF VACATION EXISTING BLANKET DRAINAGE EASEMENT (SEE NOTE 8)

SURVEYOR

ALDRICH LAND SURVEYING
P.O. BOX 3001
ALBUQUERQUE, NEW MEXICO 87180
(505) 884-1800

ENGINEERS

D. MARK GOODWIN & ASSOCIATES, P.A.
P.O. BOX 9008
ALBUQUERQUE, NEW MEXICO 87109
(505) 884-2200

OWNERS

JTH, LLC, PO Box 1443 Corrales, NM 87048
(505) 882-5533

SITE BENCHMARK

ACS MONUMENT
"3-M27"
ELEVATION=5594.518
(NAVD 1929)

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ENGINEERS

AMENDED PRELIMINARY PLAT FOR
JUAN TABO HILLS, UNIT 38
WITHIN
SECTIONS 27, 28 AND 34
TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
MARCH, 2012

NOTES

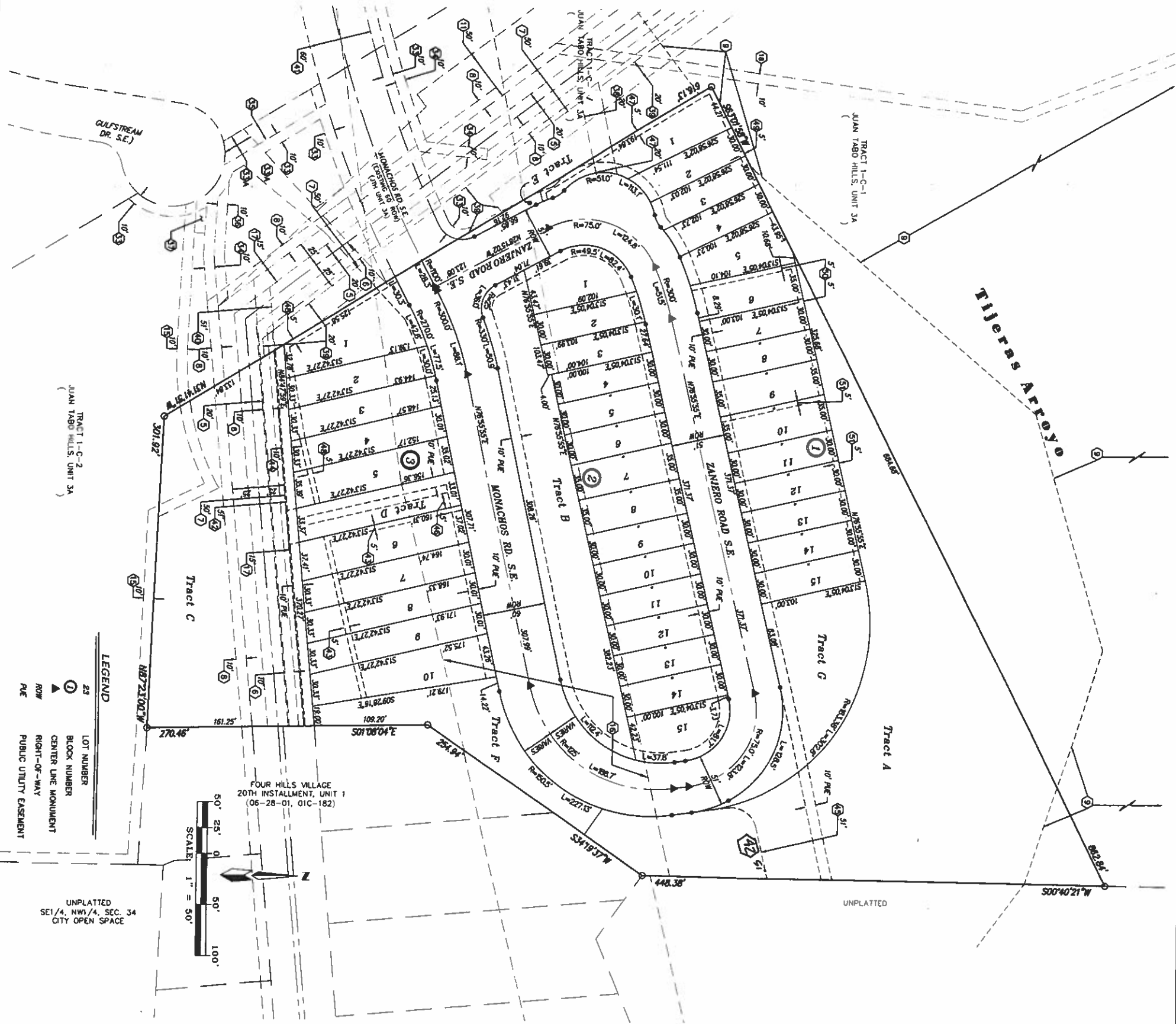
- TRACT A (1.9945 AC)
OWNED BY JTM LLC. BLANKET DRAINAGE EASEMENT GRANTED TO C.O.A.
BY THIS PLAT.
TRACT B (0.5331 AC)
OWNED AND MAINTAINED BY THE "JUAN TABO HILLS" H.O.A.
TRACT C (1.0867 AC)
OWNED BY JTM LLC. MAINTAINED BY "JUAN TABO HILLS" H.O.A.
TRACT D (0.1199 AC)
OWNED AND MAINTAINED BY THE "JUAN TABO HILLS" H.O.A.
TRACT E (0.0160 AC)
OWNED AND MAINTAINED BY "JUAN TABO HILLS" H.O.A.
TRACT F (0.2503 AC)
OWNED AND MAINTAINED BY THE "JUAN TABO HILLS" H.O.A.
TRACT G (0.3243 AC)
OWNED AND MAINTAINED BY THE "JUAN TABO HILLS" H.O.A.

EASEMENTS

- | EASEMENTS 33 through 43 TO BE DEDICATED ON THE JUAN TABO HILLS UNIT 3A FINAL PLAT | |
|---|---|
| 33 | EXISTING 20' C.O.A. PERMANENT UTILITY EASEMENT (05-16-78, MSC, 608, PG. 359-364) |
| 34 | EXISTING 10' C.O.A. U.S. SENIOR LINE EASEMENT (06-21-79, BK.MSC, 608, PG. 281-283) |
| 35 | EXISTING 50' C.O.A. DRAINAGE & UTILITY EASEMENT (01-07-81, C17-174) |
| 36 | EXISTING 10' GAS EASEMENT (09-30-87, BK, 87-27, PGS. 113-119) |
| 37 | EXISTING A.M.A.F.C.A. FLOOD PLAIN EASEMENT (12-28-98, 88C-367) |
| 38 | EXISTING C.O.A. PUBLIC DRAINAGE EASEMENT (12-29-98, 88C-367) |
| 39 | EXIST. 10' OWEST EASEMENT (12/22/2005, BK-2005C, PG-406) |
| 40 | EXISTING PUBLIC SERVICE COMPANY OF NEW MEXICO EASEMENT (12/22/2005, BK-2005C, PG-406) |
| 41 | EXISTING 15' WATERLINE EASEMENT (12/22/2005, BK-2005C, PG-406) |
| 42 | EXIST. 10' PNM GAS LINE EASEMENT (12/22/2005, BK-2005C, PG-406) |
| 43 | EXISTING BLANKET DRAINAGE EASEMENT TRACT 2-A (01/19/03, BK, 2005C, PG. 22) |
| 44 | EXIST. 10' PUE |
| 45 | EXIST. 10' PUE (WIDTH VARIES) |
| 46 | EXIST. 10' PNM |
| 47 | EXIST. 20' PUBLIC PEDESTRIAN ACCESS, DRAINAGE AND SANITARY SEWER EASEMENT |
| 48 | EXIST. 10' CENTURY LINK EASEMENT |
| 49 | EXIST. 10'-20' CENTURY LINK EASEMENT |
| 50 | EXIST. 20' WIDE PUBLIC SANITARY SEWER EASEMENT |
| 51 | EXIST. 20' PUBLIC STORM DRAIN EASEMENT |
| 52 | EXIST. C.O.A. 51' PRIVATE ACCESS EASEMENT |
| 53 | EXIST. 60' PUBLIC ROADWAY EASEMENT |

NEW EASEMENTS

- 44 NEW 51' WIDE PRIVATE ACCESS EASEMENT GRANTED TO THE CITY OF ALBUQUERQUE FOR THE BENEFIT OF UNPLATTED LAND EAST OF TRACT A AND C TO BE GRANTED WITH THE PLAT OF THIS PLAT.
- 45 NEW 5' WIDE PRIVATE CROSS LOT DRAINAGE EASEMENT TO BE GRANTED WITH THE PLAT OF THIS PLAT FOR THE BENEFIT OF LOTS 8 - 10, BLOCK 3 OF THE 10-BLOCK LOTS TO BE OWNED AND MAINTAINED BY THE OWNER OF THAT LOT.
- 46 NEW 10' PUBLIC DRAINAGE EASEMENT WITH THE PLAT OF THIS PLAT.
- 47 NEW 10' WIDE PUBLIC SANITARY SEWER AND WATERLINE EASEMENT TO BE GRANTED WITH THE PLAT OF THIS PLAT FOR THE BENEFIT OF LOTS 8 - 10, BLOCK 3 OF THE 10-BLOCK LOTS TO BE OWNED AND MAINTAINED BY THE OWNER OF THAT LOT.
- 48 NEW 5' WIDE PRIVATE CROSS LOT DRAINAGE EASEMENT TO BE GRANTED WITH THE PLAT OF THIS PLAT FOR THE BENEFIT OF LOTS 1 - 5, BLOCK 1 OF THE 10-BLOCK LOTS TO BE OWNED AND MAINTAINED BY THE OWNER OF THAT LOT.
- 49 NEW 5' WIDE PRIVATE CROSS LOT DRAINAGE EASEMENT TO BE GRANTED WITH THE PLAT OF THIS PLAT FOR THE BENEFIT OF LOTS 6 - 9, BLOCK 1 OF THE 10-BLOCK LOTS TO BE OWNED AND MAINTAINED BY THE OWNER OF THAT LOT.
- 50 NEW 5' WIDE PRIVATE CROSS LOT DRAINAGE EASEMENT TO BE GRANTED WITH THE PLAT OF THIS PLAT FOR THE BENEFIT OF LOTS 10 - 15, BLOCK 1 TO BE OWNED AND MAINTAINED BY THE OWNER OF THAT LOT.

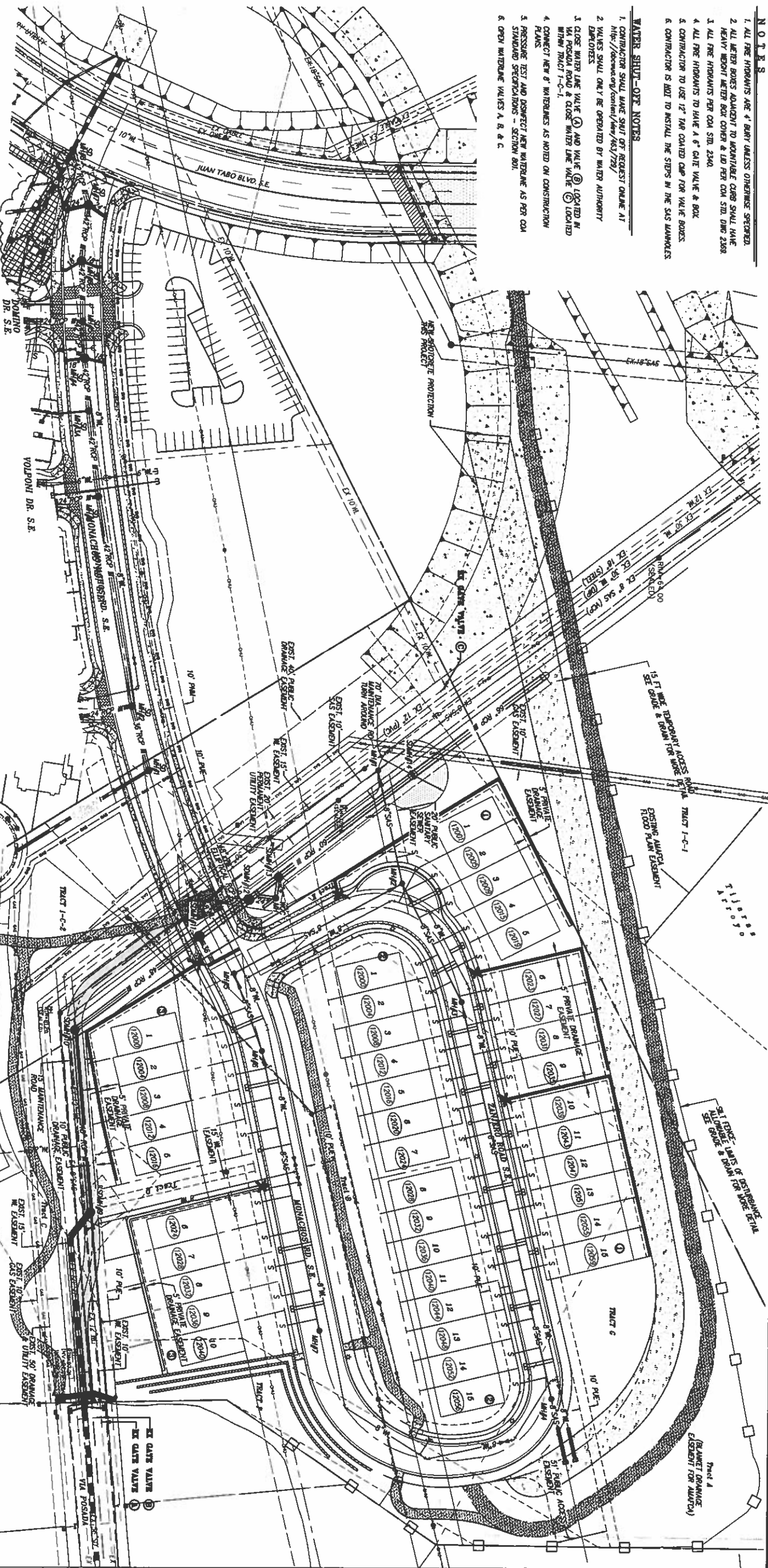


PRELIMINARY PLAT

- NOTES**
1. ALL FIRE HYDRANTS ARE 4" BURN UNLESS OTHERWISE SPECIFIED.
 2. ALL WATER BODIES ADJACENT TO MOUNTAIN CREEK SHALL HAVE HEAVY MOUNT WATER BOX COVER & LID PER COA STD. DMS 2369.
 3. ALL FIRE HYDRANTS PER COA STD. 2340.
 4. ALL FIRE HYDRANTS TO HAVE A 6" GATE VALVE & BOX.
 5. CONTRACTOR TO USE 12" T&E COATED CAP FOR VALVE BODIES.
 6. CONTRACTOR IS NOT TO INSTALL THE STEPS IN THE SAS MANHOLES.

WATER SHUT-OFF NOTES

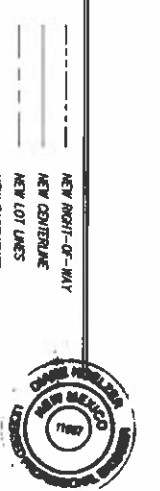
1. CONTRACTOR SHALL MAKE SURE OF REQUEST ONLINE AT <http://dmsweb.com/ma/403/729/>
2. VALVES SHALL ONLY BE OPERATED BY WATER AUTHORITY EMPLOYEES.
3. CLOSE WATER LINE VALVE (A) AND VALVE (B) LOCATED IN VIA POSADA ROAD & CLOSE WATER LINE VALVE (C) LOCATED WITHIN TRACT 1-C-1.
4. CONNECT NEW 6" WATERLINES AS NOTED ON CONSTRUCTION PLANS.
5. PRESSURE TEST AND DISCONNECT NEW WATERLINE AS PER COA STANDARD SPECIFICATIONS - SECTION 801.
6. OPEN WATERLINE VALVES A, B, & C.



SEE MASTER PLAN FOR DETAILS - REMOVE & DISPOSE EXIST. PAVEMENT, STORM PIPE, MANHOLES, METS & GUTTERS

LEGEND

EXISTING C&G AND GUTTER
EXISTING SANITARY SEWER MANHOLE
EXISTING WATER VALVE
EXISTING OVERHEAD ELECTRIC LINE
EXISTING POWER POLE
EXISTING TELEPHONE PEDSTAL
EXISTING FIRE HYDRANT
EXISTING STORM SEWER MANHOLE
EXISTING STORM DRAIN
EXISTING GAS LINE
EXISTING WATER LINE
EXISTING POWER POLE
EXISTING OVERHEAD ELECTRIC LINE
EXISTING GUY WIRE
EXISTING TELEPHONE MANHOLE
EXISTING TELEPHONE PEDSTAL
NEW MOUNTAIN C&G & GUTTER
NEW STANDARD C&G & GUTTER
NEW SIDEWALK

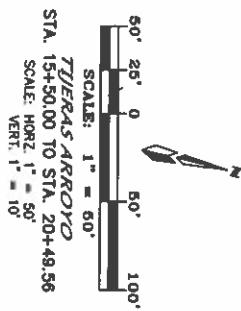


I, Diane Hostler, NMPE 11907, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer, and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by Russ Hugg, NMPS number 2750.

Mark Goodwin 2-3-15

| RESTRAINED JOINT LENGTH FOR BENDS, VALVES, DEAD ENDS (FT.) | | | | | |
|---|-----|-----|-------|--------|-------|
| PIPE SIZE | 90° | 45° | 22.5° | 11.25° | VALUE |
| 4" | 12' | 5' | 2' | 1' | 32' |
| 6" | 17' | 7' | 3' | 2' | 46' |
| 8" | 22' | 9' | 4' | 2' | 60' |
| 10" | 26' | 11' | 5' | 3' | 72' |
| 12" | 30' | 12' | 6' | 3' | 85' |

LENGTH OF RESTRAINED PIPE ON EACH SIDE OF
THE BEND, RESTRAIN BRANCH AT FITTING ONLY
MINIMUM ATTACHED PIPE LENGTH, RUN SIDE OF
TEE: 10.00 FEET.



NOTE:
SHOTCRETE 12" BELOW GRADE AND LOWER TO BE 1:1 SLOPE. SHOTCRETE ABOVE 12" BELOW GRADE TO BE 2:1 SLOPE. SEE SECTION G ON SHEET 19

CURVE DATA -
DESCRIBES CENTERLINE OF STATIONING

① $\Delta=64.11.39^{\circ}$
 $L=504.24$
 $R=270.00$
 $Tan=170.56$

DESCRIPTORS PAGE OF SCOUR WALL

- ① $A=6.67 \times 10^4$
 $L=18.32$
 $R=160.00$
 $Ton=101.03$
- ② $A=8.41 \times 10^4$
 $L=25.88$
 $R=200.00$
 $Ton=18.07$
- ③ $A=90.00 \times 10^3$
 $L=4.12$
 $R=33.00$
 $Ton=30.00$
- ④ $A=5.75 \times 10^4$
 $L=18.34$
 $R=163.46$
 $Ton=92.50$

System m. magu 11-5-12
AMAFCA DATE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE

Geometric Engineer, NRE# 11862, of the firm **M&S Goodman & Associates, P.A.**, a Registered Professional Engineer in the State of New Mexico, do hereby certify to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design noted by the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on the inspections by me or personnel under my supervision, and survey information provided by **Russ Hines**, NRE# 11861.

Marie Thérèse 2-3-15

dmg
MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9339

 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

DATE

MO./DAY/YR.

CITY PROJECT NO.

756187

| | |
|----------|-------|
| 2/M-22-2 | 18 21 |
|----------|-------|

| SURVEY INFORMATION | | | BENCH MARKS | AS BUILT INFORMATION | |
|--------------------|----|------|---|----------------------|--|
| FIELD NOTES | | | STATION "S-M22" IS LOCATED 8.7 MI. SE OF DOWNTOWN ALBUQUERQUE ON THE EAST SIDE OF THE MUNICIPAL LIMITS LINE IN THE FOUR HILLS SUBDIVISION AREA. STATION IS 800 FT. EAST OF MUNICIPAL LIMITS LINE, 77.9' SE OF POWER POLE #5637 & 106.0' NW OF POWER POLE #80. STATION IS A STANDARD ACS BRASS DSK SET IN A CONCRETE MONUMENT IN THE GROUND. STATION IS STAMPED "S-M22, 1975ACS" X= 424,017.61, Y= 1,473,700.07, (NAD 1927), Z= 5384.518 (SLD 1928). | CONTRACTOR | |
| NO. | BY | DATE | | Soils | |
| | | | WORK STAMPED BY Sun/Tek | DATE 11/0 | |
| | | | REVISIONS ACCEPTANCE BY Mgd | DATE 2/10 | |
| | | | FIELD VERIFICATION BY Sun/Tek | DATE 10/14 | |
| | | | DRAWINGS CORRECTED BY Sun/Tek | DATE 10/14 | |
| | | | MICRO-FILM INFORMATION | | |
| | | | RECORDED BY | DATE | |
| | | | NO. | | |

SECTION 625
SHOTCRETE

625.1 GENERAL

625.11 This work shall consist of construction of the shotcrete lining utilizing the shotcrete process, including mixing, placing, finishing, curing and curing as shown in the contract in compliance with these specifications.

625.12 The requirements of Section 510 - Portland Cement Concrete and Section 511 - Concrete Structures, of NMDOT Std Specs for Highway & Bridge Construction, 2007 Edition shall apply where appropriate and not expressly modified by these specifications. Fly Ash shall be used in all concrete and shotcrete per section 511.

625.2 MATERIALS

625.21 All requirements of Section 510 - Portland Cement Concrete shall apply except as modified herein. Shotcrete shall have a minimum compressive strength of 4,000 PSI at 28 days. 5.6% air content at the pump and a slump of 1 1/2" to 3" at the pump.

625.211 Shotcrete shall be lined prior to placement. Tined concrete will be made by the addition of an approved concrete coloring agent to the concrete mix. The coloring agent will be added in addition to other concrete ingredients and no reductions to other ingredients will be made.

The concrete coloring for use on this project shall be

Dark Color or Approved Equal

San Diego Buff 1 lb (by sack of cement) Color number

The design mixes must be submitted by the Contractor for approval by the Project Manager prior to placement with the General Contractor. Shotcrete will be constructed in accordance with the project manual and shall be required prior to any shotcrete placement.

625.22 Coarse Aggregate Coarse aggregate shall meet the following gradation requirements

| Sieve Size | Percent Passing |
|------------|-----------------|
| 3/4 inch | 100 |
| 3/8 inch | 85-100 |
| No. 4 | 10-30 |
| No. 8 | 0-10 |
| No. 16 | 0-5 |

625.23 Proportioning Shotcrete shall be mixed and pneumatically applied by the wet-mix process. The concrete shall meet the minimum requirements set forth in Section 511 including the addition of air entrainment, fly ash, and tint.

625.24 The design mixes must be submitted by the Contractor for approval by the Project Manager.

625.25 Pre-construction Testing

Test panels simulating actual field conditions shall be fabricated prior to start of construction. Test panels shall be exhibited shotcrete for color approval prior to construction.

The panels shall be at least 36" square and 6" thick with a back form of heavy plywood. The forms should be set for each shooting position to be encountered in the structure. Part of the panel should contain the same reinforcement as the structure, to show whether sound shotcrete is obtained behind the reinforcing bars. The panel is fabricated by gunning the proposed shotcrete design mix, including all materials and additives, to simulate actual field conditions. Curing will be field cured as specified. Cores shall be obtained for compression test and tested at 7, 14, and 28 days.

Prior to gunning the mixture three concrete test cylinders shall be taken from the design mix and tested at 7, 14, and 28 days. Cylinders to be field cured.

625.26 Quality Acceptance Tests:

A minimum of three cores shall be taken for each 500 linear feet of channel. Cores shall be obtained and tested in accordance with ASTM C-42-90. One core shall be removed and tested at 7 days, one at 14 days, and one at 28 days. Minimum compression strengths shall be as follows:

| 7 day | 14 day | 28 day |
|-----------|-----------|-----------|
| 2,400 PSI | 3,000 PSI | 4,000 PSI |

If shotcrete cores at 28 days show deficient strength, additional cores shall be taken at the contractor's expense from adjacent areas. Two cores shall be required for each deficient core. Should either additional core prove deficient, the defective shotcrete shall be removed and replaced at the Contractor's expense. No additional shotcreting shall be done until the shotcrete mixture is revised and approved by the Project Manager.

Should a strength deficiency be evident in 7 day or 14-day cores on approval of Project Manager, the Contractor may proceed with the work on his own responsibility until the 28 day cores are tested. These cores shall also be used for determining shotcrete thickness.

625.3 CONSTRUCTION

625.31 Equipment and Workmen Shotcreting shall be done only by experienced personnel. When requested by the Project Manager, the Contractor shall furnish evidence that each foreman, nozzle operator, and delivery equipment operator has done satisfactory work in a similar capacity elsewhere and is fully qualified to perform the work.

625.311 Premixed Shotcrete The mixing equipment shall be capable of thoroughly mixing the specified materials in sufficient quantity to maintain continuous placing.

625.32 Surface Preparation The foundation for areas to receive shotcrete shall be evenly graded to the required elevation before the shotcrete is applied. The areas shall be thoroughly compacted with sufficient mixture to provide a firm foundation and to prevent absorption of water from the shotcrete. No high subgrade will be permitted.

Surfaces shall not contain free surface water, loose material or frozen material at the time of shotcrete application.

625.33 Forms and Reinforcement Forms, headers, and shooting strips shall be provided and rigidly braced as required for backing. Ground or gaging wires and depth gages shall be used where necessary to establish and insure thickness, surface and finish lines.

Steel reinforcement shall be rigidly supported in the position shown in the contract. Metal chairs shall be used to properly anchor and place the reinforcement. All reinforcement shall be clean and free from loose mill scale, loose rust, overspray from previous shotcrete application, soil and other undesirable materials that interfere with bonding.

625.34 Placing Each layer of shotcrete shall be built up by making several passes of the nozzle over the working area. When enclosing steel reinforcement, the nozzle shall be held so as to direct the material around the bars. The shotcrete shall emerge from the nozzle in a steady, uninterrupted flow. The nozzle shall be directed so as to result in minimum rebound. The velocity of the material as it leaves the nozzle shall be maintained uniform and at a rate determined for the given job conditions.

Contractor shall use appropriate form work to separate areas of different lining, and shall prevent adjacent areas from being discolored by overspray and rebound.

Rebound shall not be worked back into the construction or salvaged. Rebound that does not fall clear of the work shall be removed.

Shotcrete shall not be placed when the air temperature is below forty degrees (40°F) unless the air temperature is at least thirty-five degrees (35°F) and rising.

The mixing, transporting, and placement time for shotcrete materials shall not exceed two hours or 250 revolutions of the mixer drum whichever comes first. Additional water may be added at job site only if requested by the Project Manager. When additional water is added, the drum shall be mixed a minimum of 30 additional revolutions. The ready-mix plant shall certify the material for weight, water, admixtures and mixing time.

625.35 Finishing After the shotcrete has been placed as nearly as practical to the required thickness, the ground wires may be removed, the surfaces shall be checked with a straight edge and low spots or depressions shall be corrected by placing additional shotcrete in such a manner that the finished surface is natural as left by the nozzle and will be reasonably smooth and uniform.

Loose areas of shotcrete shall be removed and replaced by the Contractor at no additional cost.

625.36 Curing In all cases, the period of protection shall be not less than 7 days.

625.37 Tolerance in Shotcrete Thickness Acceptance of the finished channel lining with respect to thickness shall be on the basis of random core sampling as designated by the Project Manager. A minimum of two core samples will be taken from longitudinal lengths of lining and exceed 500 linear feet. If deficiencies are noted, the Project Manager may require additional core samples. All curing required by the Project Manager shall be at the Owner's expense.

Should the Contractor desire to have additional core samples taken these samples would be taken at the Contractor's expense.

Deduction for a deficiency in thickness shall be made according to the following: Thickness deficiency shall be based on the average thickness of the number of samples taken within each 500 or less linear feet of lining

| Thickness Deficiency | Percent of Contract Price Allowed |
|----------------------|-----------------------------------|
| 0-1/2" | 100% |
| Greater than 1/2" | Reject |

Any 500 linear foot span of channel lining that is noted to deficient in thickness by more than the reject level shall be removed and replaced at the Contractor's expense.

It shall be the responsibility of the Contractor to have the core holes immediately filled with fresh shotcrete. This shotcrete shall be of the same mix and of equal compressive strength as the original.

For quality acceptance, the Project Manager may have the core samples tested for compressive strength.

All cores will be measured in accordance with ASTM C-174.

625.38 Method of Measurement Shotcrete will be measured by the square yard parallel to the surface.

Basis for Payment The accepted quantities of shotcrete will be paid for at the contract unit price per square yard. Such payment shall constitute full reimbursement for all materials, labor and equipment used in the placement of all shotcrete, steel reinforcement, support chairs, forms, joints, lining, finishing, curing, and all other necessary operations to complete the shotcrete in place. No extra payment will be made for additional shotcrete placed in excess of that shown on the plans unless directed by the Project Manager.

The Contractor shall furnish the Project Manager with copies of the manufacturer's specifications and operating instructions for the equipment used. No shotcrete shall be placed until the type of equipment and method of operation have been approved by the Project Manager.

I, Diana Hodder, NMEP, 11987, of the firm, DMG Goodman & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the information furnished on this drawing is true and correct, and that I am a duly licensed professional engineer in the State of New Mexico, and that I have supervised the construction of the project shown on this drawing, and that the original design intent of the approved plans has been met except as noted by me on the actual construction drawings. This certification is made in accordance with the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-1, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-2, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-3, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-4, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-5, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-6, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-7, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-8, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-9, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-10, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-11, and the provisions of the New Mexico Engineering Act, 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Engineering Act, Chapter 17, Section 17-1-215, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-216, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-217, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-218, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-219, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-220, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-221, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-222, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-223, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-224, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-225, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-226, and the provisions of the New 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the New Mexico Engineering Act, Chapter 17, Section 17-1-239, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-240, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-241, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-242, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-243, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-244, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-245, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-246, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-247, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-248, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-249, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-250, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-251, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-252, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-253, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-254, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-255, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-256, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-257, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-258, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-259, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-260, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-261, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-262, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-263, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-264, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-265, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-266, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-267, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-268, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-269, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-270, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-271, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-272, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-273, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-274, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-275, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-276, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-277, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-278, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-279, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-280, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-281, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-282, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-283, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-284, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-285, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-286, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-287, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-288, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-289, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-290, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-291, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-292, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-293, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-294, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-295, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-296, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-297, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-298, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-299, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-300, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-301, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-302, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-303, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-304, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-305, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-306, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-307, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-308, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-309, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-310, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-311, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-312, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-313, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-314, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-315, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-316, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-317, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-318, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-319, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-320, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-321, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-322, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-323, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-324, and the provisions of the New Mexico Engineering Act, Chapter 17, Section 17-1-32