

SCANNED BY  
PLANNING

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
26-7658-11100

# CONSTRUCTION PLANS FOR MESA RIDGE SUBDIVISION ALBUQUERQUE, NEW MEXICO

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## PAVING PLANS

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## UTILITY PLANS

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| 10        | MESA VISTA CIRCLE (ENTRANCE & NORTH LEG) PLAN AND PROFILE |
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| 12        | MESA VISTA CIRCLE (EAST LEG) PLAN AND PROFILE             |
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## RECORD DRAWINGS

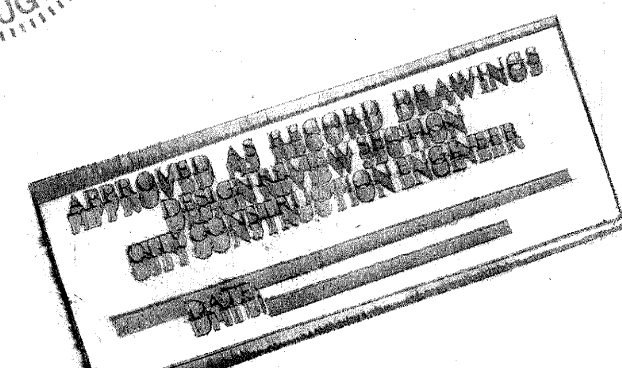
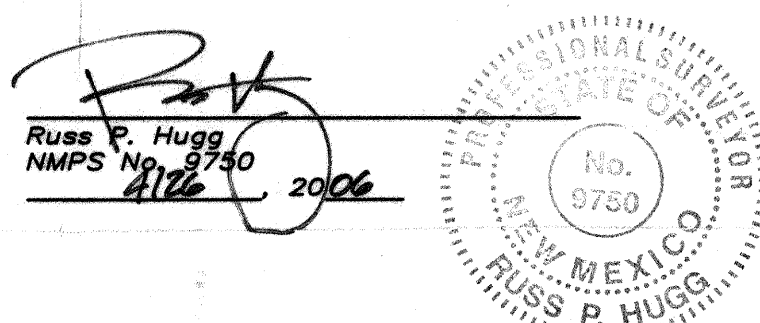


I, **PATRICK J. CONLEY**, of the firm of Smith Engineering Company, a Registered Professional Engineer in the State of New Mexico, do hereby state that, to the best of my knowledge and belief, the infrastructure for this project as shown on the plans has been constructed in general accordance with the project plans and in general accordance with the City of Albuquerque Standard Specifications for Public Works Construction (including all updates), and that the general intent of the plans has been met except as noted on the as-built construction drawings. The infrastructure construction has been observed by a qualified person from Smith Engineering Company and this statement covers infrastructure installation that was observed while a representative from Smith Engineering was on site. This statement is based on site observations by Smith Engineering Company personnel and on as-built information provided to Smith Engineering Company.

**Russ Hugg** (surveyor's name), NMPS number **9750** (PS #).

### SURVEYORS CERTIFICATION

I, **Russ P. Hugg**, New Mexico Professional Surveyor Number **9750**, Herby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.



### NOTES

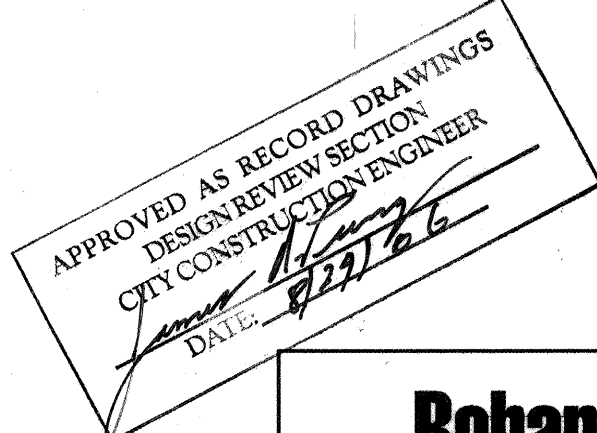
1. AMAFCA FIELD ENGINEER SHALL BE NOTIFIED 48-HOURS PRIOR TO ANY WORK WITHIN THE AMAFCA R/W OR EASEMENT. TEL (505) 884-2215 JERRY LOVATO.
2. NO WORK WILL BE PERFORMED IN THE AMAFCA R/W BETWEEN MAY 15 AND OCTOBER 15 WITHOUT WRITTEN PERMISSION FROM AMAFCA.
3. ALL SUBGRADE, BACKFILL AND EMBANKMENT SHALL BE COMPACTED TO 95% (MODIFIED PROCTOR) WITHIN THE AMAFCA R/W. TESTING REPORTS SHALL BE PROVIDED TO AMAFCA FIELD ENGINEER.
4. AMAFCA FIELD ENGINEER WILL BE NOTIFIED 48 HOURS PRIOR TO FINAL INSPECTION OF ANY FACILITIES WITHIN THE AMAFCA R/W.
5. ALL DISTURBED GROUND AREAS SHALL BE REVEGETATED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, SECTION 1012 NATIVE GRASS SEEDING AS CURRENTLY UPDATED.

APPROVED FOR CONSTRUCTION WITHIN AMAFCA  
RIGHT OF WAY OR EASEMENT:

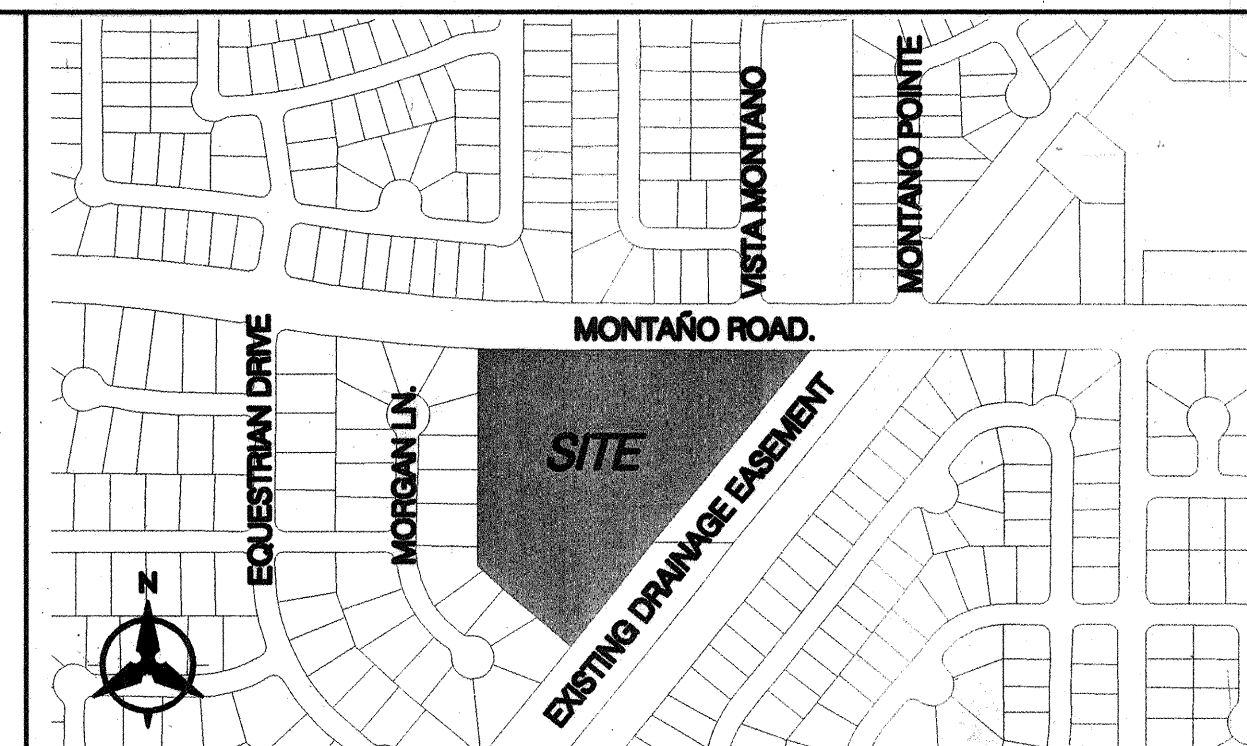
**Lynn M. Mayes** (FOR AMAFCA) 10-21-05 (DATE)

### CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAIL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE).
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF TRANSPORTATION, LATEST EDITION.
13. THE CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION BARRICADES AND SIGNING AT ALL TIMES. THE CONTRACTOR SHALL VERIFY THE PROPER LOCATION OF ALL BARRICADING AT THE END AND BEGINNING OF EACH DAY.
14. ALL SAWCUT PAVEMENT SHALL HAVE A UNIFORM EDGE AND BE SPRAYED WITH TACK.
15. WHEN ABUTTING NEW CURB AND GUTTER TO EXISTING PAVEMENT, A 1' WIDE SECTION OF EXISTING PAVEMENT ADJACENT TO THE CURB AND GUTTER SHALL BE SAWCUT, REMOVED, AND REPLACED AS PER THE STANDARD SPECIFICATIONS.
16. THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENTS, PAVEMENT MARKINGS, CURB & GUTTER, DRIVE PADS, WHEELCHAIR RAMPS, AND SIDEWALK DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE PER COA STANDARDS, AT HIS OWN EXPENSE.
17. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
18. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.



**Bohannon & Huston**  
Courtney I. 7500 Jefferson St. NE Albuquerque, NM 87109-4335  
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES



VICINITY MAP  
E-11-2

### NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULED. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR AS INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.

### THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

DRB #1001628

| REV.                        | SHEETS | CITY ENGINEER    | DATE     | USER DEPARTMENT | DATE                      | USER DEPARTMENT | DATE |
|-----------------------------|--------|------------------|----------|-----------------|---------------------------|-----------------|------|
| ENGINEERS STAMP & SIGNATURE |        | APPROVALS        | ENGINEER | DATE            | *****                     |                 |      |
|                             |        | Transportation   |          | 12-5-05         | APPROVED FOR CONSTRUCTION |                 |      |
|                             |        | Water/Wastewater |          | 10/25/05        |                           |                 |      |
|                             |        | Hydrology        |          | 11/1/05         |                           |                 |      |
|                             |        | Parks            |          |                 |                           |                 |      |
|                             |        | Const. Coord.    |          | 12-5-05         |                           |                 |      |
| City Project No.            |        |                  |          | Sheet           |                           | Of              |      |
|                             |        |                  |          | 765881          |                           | 1               |      |
|                             |        |                  |          |                 |                           | 14              |      |

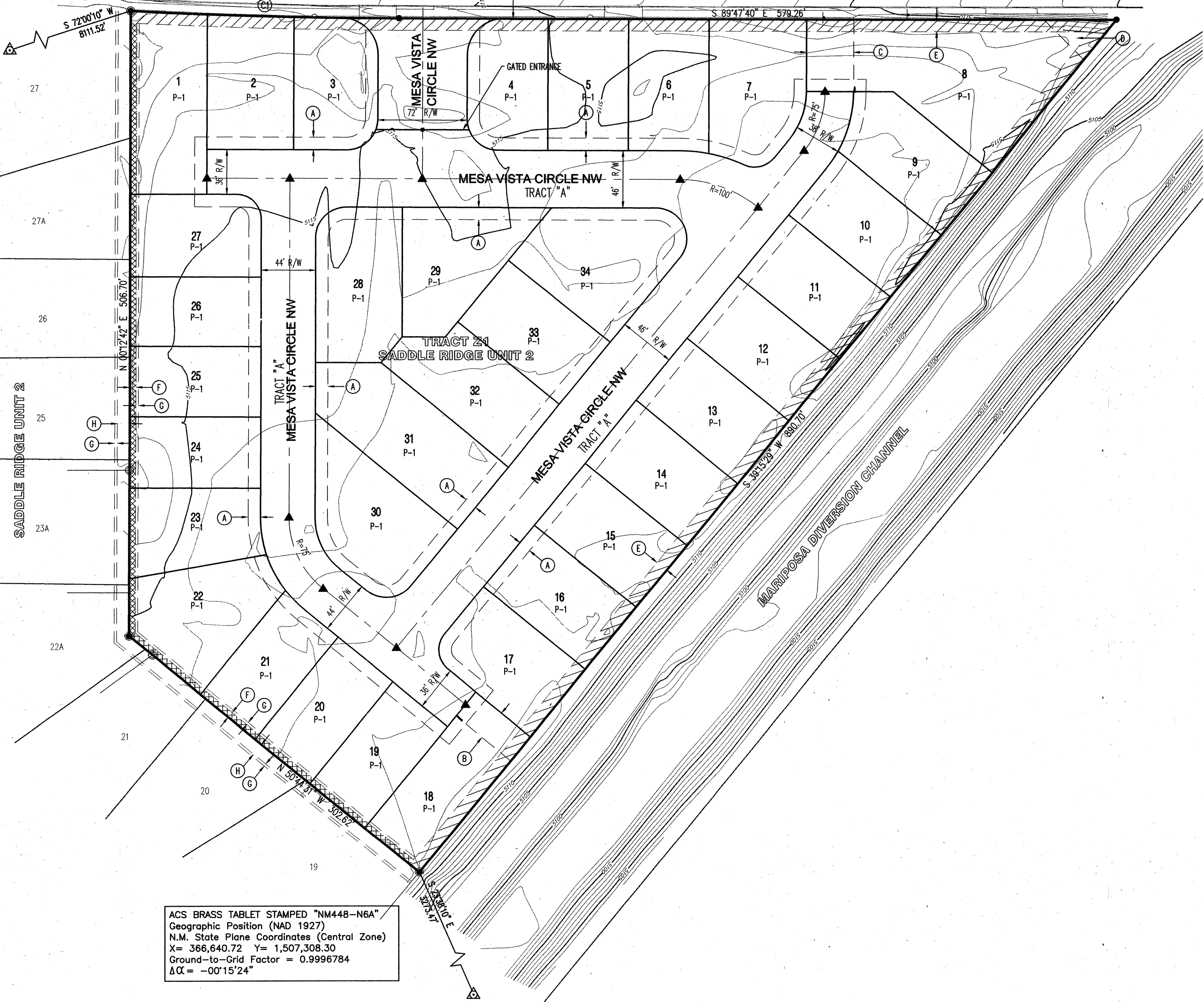


ACS BRASS TABLE STAMPED "S2834-11"  
Geographic Position (NAD 1927)  
N.M. State Plane Coordinates (Central Zone)  
X= 357,384.19 Y= 1,508,498.54  
Ground-to-Grid Factor = 0.99966821  
 $\Delta\alpha = -00^{\circ}16'29"$

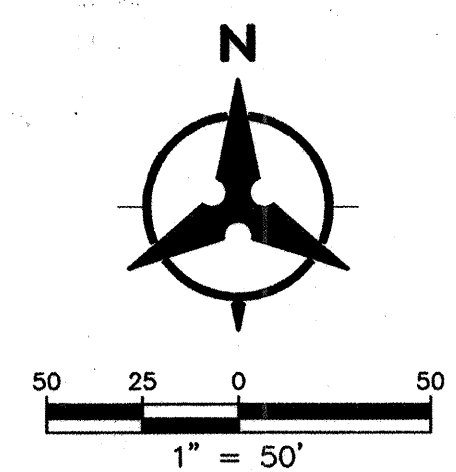
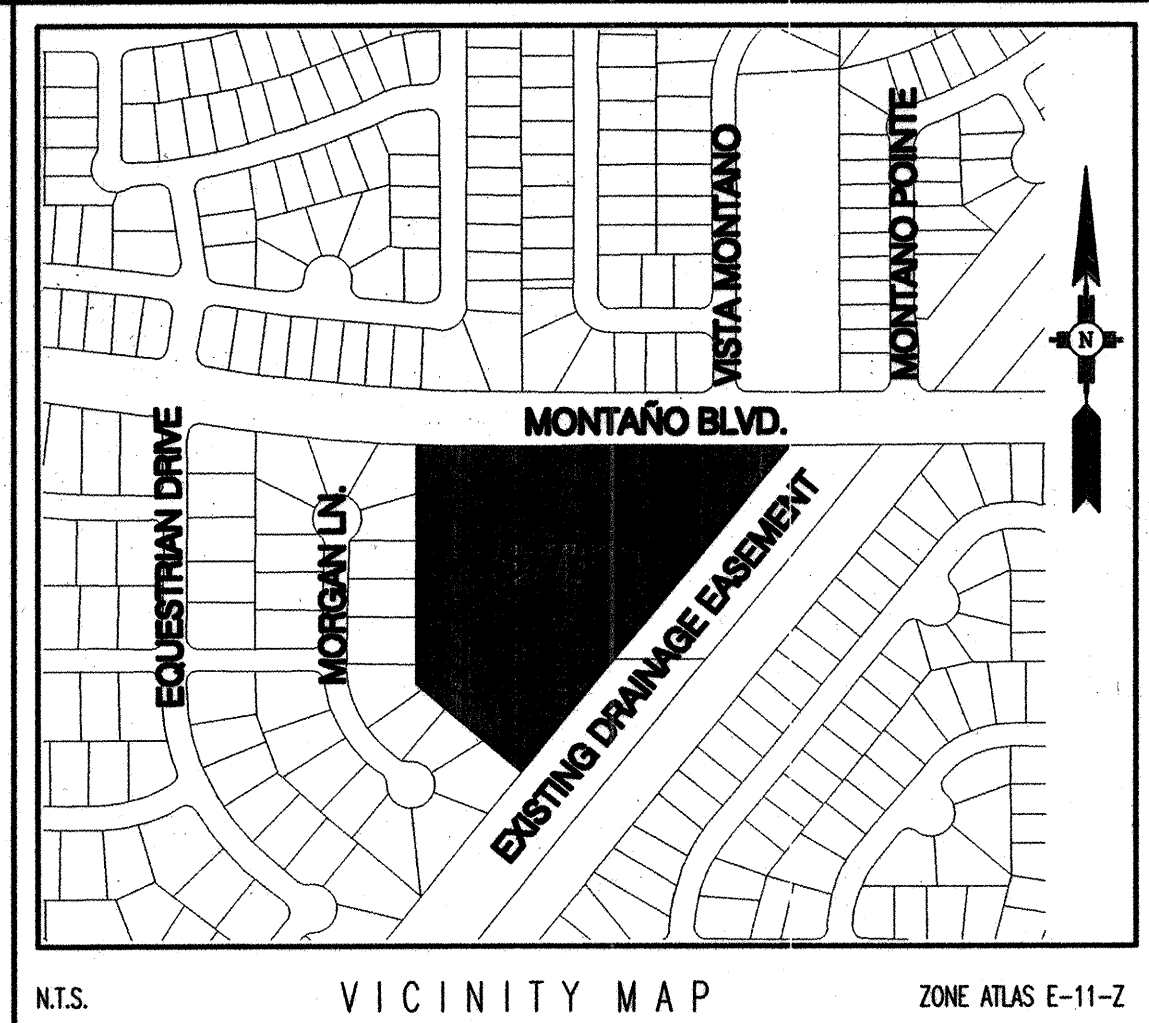
BUTTERFIELD  
SUBDIVISION

VISTA MONTANO SOUTH  
SUBDIVISION

MONTAÑO BLVD



ACS BRASS TABLE STAMPED "NM448-N6A"  
Geographic Position (NAD 1927)  
N.M. State Plane Coordinates (Central Zone)  
X= 366,640.72 Y= 1,507,308.30  
Ground-to-Grid Factor = 0.9996784  
 $\Delta\alpha = -00^{\circ}15'24"$



| LEGEND |   |
|--------|---|
| —      | SUBDIVISION BOUNDARY LINE                   |
| - - -  | EXISTING SUBDIVISION BOUNDARY               |
| —      | NEW LOT LINE                                |
| —      | ADJOINING PROPERTY LINE                     |
| ▲      | CENTERLINE MONUMENT TO BE INSTALLED         |
| △      | CITY OF ALBUQUERQUE SURVEY CONTROL MONUMENT |

| Boundary Curve Table |         |          |           |         |
|----------------------|---------|----------|-----------|---------|
| ID                   | ARC     | RADIUS   | DELTA     | TANGENT |
| C1                   | 216.96' | 4226.79' | 02°56'27" | 108.50' |

**KEYED NOTES**

- (A) 10' PUBLIC UTILITY EASEMENT.
- (B) 25' PUBLIC SANITARY SEWER AND STORM DRAIN EASEMENT.
- (C) 38' PUBLIC DRAINAGE STORM DRAIN AND WATER EASEMENT.
- (D) PUBLIC STORM DRAIN EASEMENT.
- (E) EXISTING 10' EQUESTRIAN EASEMENT (06/28/77 - 07/184) TO BE VACATED PER THIS PLAT.
- (F) PORTION OF EXISTING 10' EQUESTRIAN AND UTILITY EASEMENT (06/28/77 - 07/184). EQUESTRIAN PORTION OF EASEMENT TO BE VACATED PER THIS PLAT.
- (G) EXISTING 2' UTILITY EASEMENT (06/28/77 - 07/184).
- (H) PORTION OF EXISTING 10' EQUESTRIAN AND UTILITY EASEMENT (06/28/77 - 07/184).

**PRELIMINARY PLAT FOR  
MESA RIDGE SUBDIVISION**

LOT Z1  
SADDLE RIDGE UNIT 2  
CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO  
JULY, 2005

**LEGAL DESCRIPTION**

TRACT Z1 SADDLE RIDGE UNIT 2  
(BOOK: C33, PAGE: 145, DATE: 06/22/87.)

**GENERAL NOTES**

1. EXISTING ZONING: SU-1 FOR PRD  
PROPOSED DEVELOPMENT: SU-1 FOR PRD
2. PROPOSED NET ACREAGE: 7.68 AC  
NUMBER OF LOTS: 34  
PROPOSED DENSITY: 4.43 DU/AC
3. MIN. LOT DIMENSIONS: 57' X 106'  
MINIMUM LOT AREA: 6,042 SQ/FT
4. ALL UTILITIES AND STORM DRAIN IMPROVEMENTS ARE TO BE PUBLIC, AND TO BE DEDICATED TO THE CITY OF ALBUQUERQUE FOR MAINTENANCE.
5. LOT SETBACKS SHALL CONFORM TO MINIMUM BUILDING SETBACKS AS SPECIFIED ON THE SITE PLAN FOR SUBDIVISION.
6. NO INDIVIDUAL LOTS SHALL BE ALLOWED DIRECT ACCESS TO MONTAÑO BLVD.
7. PRIVATE ACCESS: THIS SUBDIVISION IS PLANNED TO BE A GATED COMMUNITY. ALL ROADS WITHIN THE DEVELOPMENT EXIST WITHIN TRACT "A". PRIVATE ACCESS, PUBLIC DRAINAGE, WATER, AND SANITARY SEWER EASEMENT ON TRACT "A".
8. HOMEOWNERS ASSOCIATION: THIS SUBDIVISION WILL HAVE A HOMEOWNERS ASSOCIATION. THE HOMEOWNERS ASSOCIATION WILL OWN TRACTS "A", AND BE RESPONSIBLE FOR MAINTENANCE INCLUDING STREET AND LANDSCAPE IMPROVEMENTS.

**SITE DATA**

|                                     |              |
|-------------------------------------|--------------|
| ZONE ATLAS NO.                      | E-11-Z       |
| ZONING                              | SU-1 FOR PRD |
| MILES OF FULL WIDTH STREETS CREATED | 0.31 MILES   |
| NO. OF EXISTING PARCELS             | 1            |
| NO. OF LOTS CREATED                 | 34           |
| DENSITY                             | 4.43 DU/AC   |

**SURVEY NOTES**

1. ALL BOUNDARY CORNERS SHOWN (●) ARE FOUND REBAR W/CAP.
2. ALL STREET CENTERLINE MONUMENTATION SHALL BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.S, ANGLE POINTS, AND STREET INTERSECTIONS AND SHOWN THUS (▲) AND WILL BE MARKED BY (4") ALUMINUM CAP STAMPED "CITY OF ALBUQUERQUE CENTERLINE MONUMENTATION MARKED, DO NOT DISTURB PLS 164892".
3. THE SUBDIVISION BOUNDARY WILL BE TIED TO THE NEW MEXICO STATE PLANE COORDINATE SYSTEM AS SHOWN.
4. BASIS OF BEARINGS WILL BE NEW MEXICO STATE PLANE BEARINGS.
5. DISTANCES SHALL BE GROUND DISTANCES.
6. MANHOLES WILL BE OFFSET AT ALL POINTS OF CURVATURE, TANGENCY STREET INTERSECTIONS, AND ALL OTHER ANGLE POINTS TO ALLOW USE OF CENTERLINE MONUMENTATION.

APPROVED

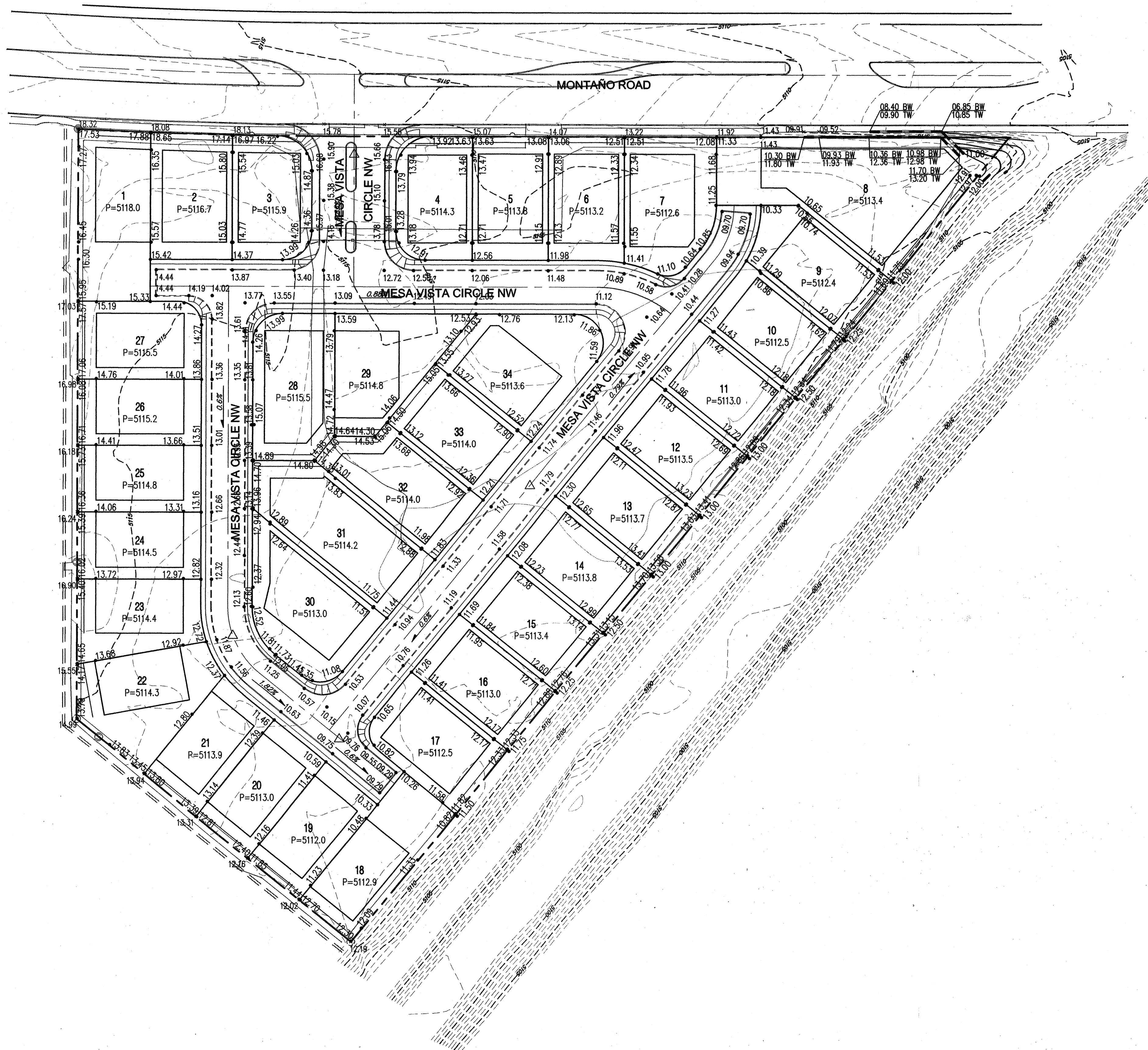
*[Signature]* 7/8/05  
CITY SURVEYOR DATE

*[Signature]* 7/7/05  
JUDE BACA, OWNER DATE

**Bohannon ▲ Huston**

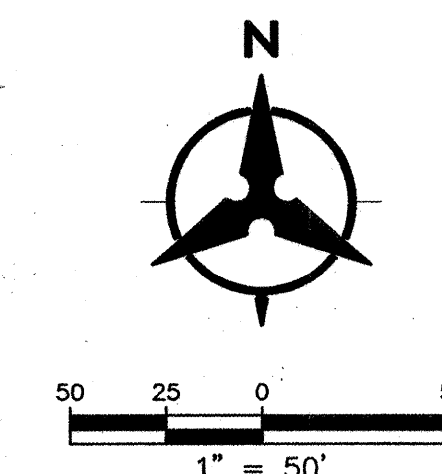
Courtyard I 7800 Jefferson St. NE Albuquerque, NM 87109-4386  
ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES





# GENERAL NOTES

1. CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
2. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATION AS NOTED IN THE SOILS REPORT. /
3. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES & REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
4. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL, SHEET 3B, AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
5. ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
6. BOULDERS GREATER THAN 3 FEET IN DIAMETER EXCAVATED DURING GRADING ACTIVITIES SHALL BE STOCKPILED AND DISPOSED OF AT THE DISCRETION OF THE OWNER.
7. ALL WALLS SHOWN ARE TO BE PLACED ALONG PROPERTY LINE. WALLS ARE SHOWN OFFSET FOR VISUAL PURPOSE ONLY.



## LEGEND

- (91.62) FUTURE SPOT ELEVATION
- 91.62 PROPOSED SPOT ELEVATION
- × 92.46 EXISTING SPOT ELEVATION (GRND & TC)
- ===== EXISTING CURB & GUTTER
- ===== PROPOSED MOUNTABLE CURB & GUTTER
- ===== PROPOSED STANDARD CURB & GUTTER
- 5.470 — EXISTING CONTOUR W/ INDEX ELEVATION
- FLOW ARROW
- ===== PROPOSED RETAINING WALL
- ===== PROPOSED GARDEN WALL, CONCRETE FILLED TO 1-FOOT DEPTH
- ===== PROPOSED SLOPE
- ===== PROPOSED STORM DRAIN
- ⊙ PROPOSED STORM DRAIN MANHOLE
- ⊙ PROPOSED STORM DRAIN INLET
- ⊙ PROPOSED CATTLE GUARD INLET
- WALL DRAIN

**Bohannon & Huston**  
 Courtyard | 7500 Jefferson St. NE | Albuquerque, NM 87109-4335  
 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**

**MESA RIDGE SUBDIVISION**  
**GRADING AND DRAINAGE PLAN**

Design Review Committee City Engineer Approval

*For Information Only*

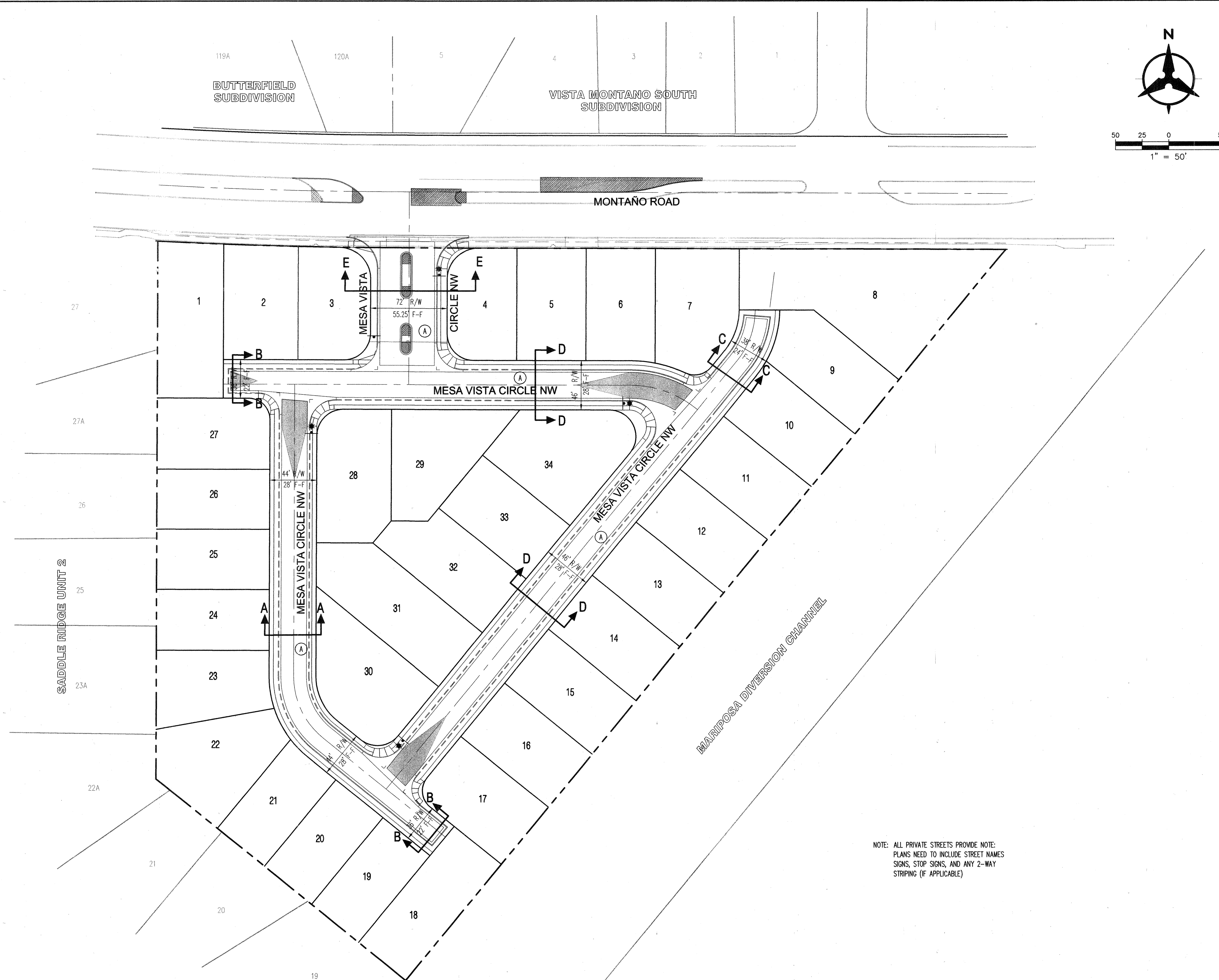
City Project No. XXXXX Zone Map No. E-11-Z

Sheet 1 Of X

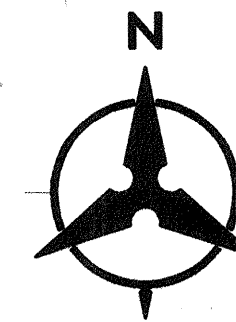
ROUGH GRADING (±0.5')  
 Approved for Rough Grading  
 DATE

| AS-BUILT INFORMATION |      | BENCH MARKS                                 |      | SURVEY INFORMATION |    | ENGINEER'S SEAL |    | REVISIONS |      | REMARKS |      |
|----------------------|------|---|------|--------------------|----|-----------------|----|-----------|------|---------|------|
| CONTRACTOR           | DATE | CONTRACTOR                                  | DATE | NO.                | BY | DATE            | BY | NO.       | DATE | NO.     | DATE |
| SWU-TEK              | 5/04 | ACS BRASS TABLET STAMPED "NM448-NG-A"       | 5/04 |                    |    |                 |    |           |      |         |      |
| SWU-TEK              | 5/04 | Geographic Position (NAD 1927)              | 5/04 |                    |    |                 |    |           |      |         |      |
| SWU-TEK              | 5/04 | N.M. State Plane Coordinates (Central Zone) | 5/04 |                    |    |                 |    |           |      |         |      |
| SWU-TEK              | 5/04 | X= 366,640.72 Y= 1,507,308.30               | 5/04 |                    |    |                 |    |           |      |         |      |
| SWU-TEK              | 5/04 | Ground-to-Grid Factor = 0.9996784           | 5/04 |                    |    |                 |    |           |      |         |      |
| SWU-TEK              | 5/04 | U.C. = -00'15.24"                           | 5/04 |                    |    |                 |    |           |      |         |      |
| SWU-TEK              | 5/04 | SID 1929 Elevation = 5058.89                | 5/04 |                    |    |                 |    |           |      |         |      |






NOTE: ALL PRIVATE STREETS PROVIDE NOTE:  
PLANS NEED TO INCLUDE STREET NAMES,  
SIGNS, STOP SIGNS, AND ANY 2-WAY  
STRIPING (IF APPLICABLE)



### GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, (C&G, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
8. REMOVAL OF THE EXISTING C&G ONLY BE AS PER COA STD. DWG. 2415 (SAWOUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10.  DENOTES CROWN TRANSITION PER COA STD. DWG. 2401.
11. FOR CURB RETURN & QUARTER POINT ELEV INFO REFER TO INDIVIDUAL PAVING SHEETS.
12. MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
13. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.
14. DUE TO SEASONAL TRAFFIC DEMANDS, NO PERMITS WILL BE ISSUED FOR CONSTRUCTION IN ARTERIAL ROADS BETWEEN AUGUST 15th, 2005 AND JANUARY 1, 2006. IF IT CAN DEMONSTRATE THAT THE REQUIRED WORK WILL NOT ADVERSELY EFFECT TRAFFIC ON AN ARTERIAL, A LIMITED PERMIT MAY BE GRANTED BY THE DEPARTMENT OF MUNICIPAL DEVELOPMENT.

















NOTE:

SEE SHEET 14 FOR STREET SECTION.

## KEYED NOTES

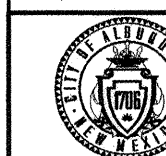
- A. SEE SHEET 14 FOR RESIDENTIAL PAVEMENT SECTION.

### LEGEND

- |   |   |
|---|---|
|  | EXISTING R/W LINE                       |
|  | EXISTING CURB & GUTTER                  |
|  | PROPOSED R/W LINE                       |
|  | PROPERTY LINE                           |
|  | PROPOSED STANDARD CURB & GUTTER         |
|  | PROPOSED MOUNTABLE CURB & GUTTER        |
|  | PROPOSED SUBDIVISION BOUNDARY           |
|  | EASEMENT                                |
|  | PROPOSED STREET LIGHT                   |
|  | PROPOSED STORM DRAIN MANHOLE            |
|  | PROPOSED STORM DRAIN INLET              |
|  | PROPOSED FIRE HYDRANT                   |
|  | PROPOSED MAIN VALVE                     |
|  | PROPOSED SAS MANHOLE                    |
|  | PROPOSED WHEELCHAIR RAMP                |
|  | PROPOSED UNIDIRECTIONAL WHEELCHAIR RAMP |

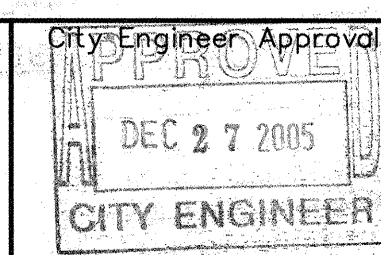
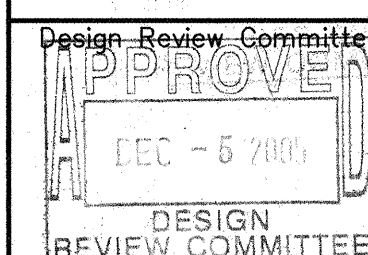
**Bohannon**  **Huston** INC.

**Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335**  
**ENGINEERING ▴ SPATIAL DATA ▴ ADVANCED TECHNOLOGIES**



**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**

## MESA RIDGE SUBDIVISION OVERALL PAVING PLAN

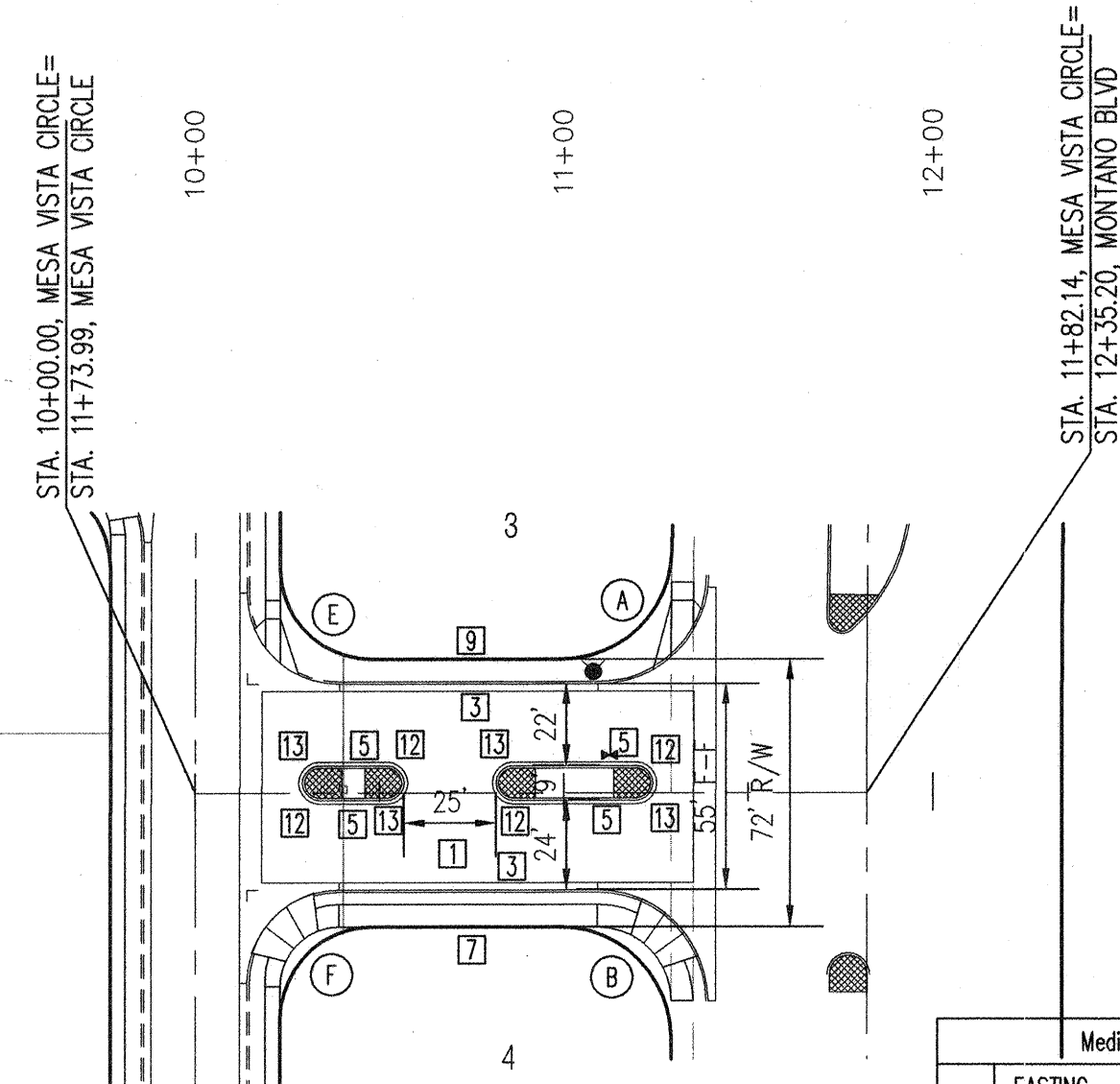


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|--------------------|--|
| Fast Design Update |  |
|--------------------|--|

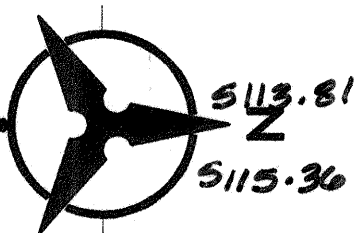
|             |             |
|-------------|-------------|
| Mo./Day/Yr. | Mo./Day/Yr. |
|-------------|-------------|

|                  |        |              |      |       |   |    |    |
|------------------|--------|--------------|------|-------|---|----|----|
| City Project No. | 765881 | Zone Map No. | E-11 | Sheet | 4 | Of | 14 |
|------------------|--------|--------------|------|-------|---|----|----|

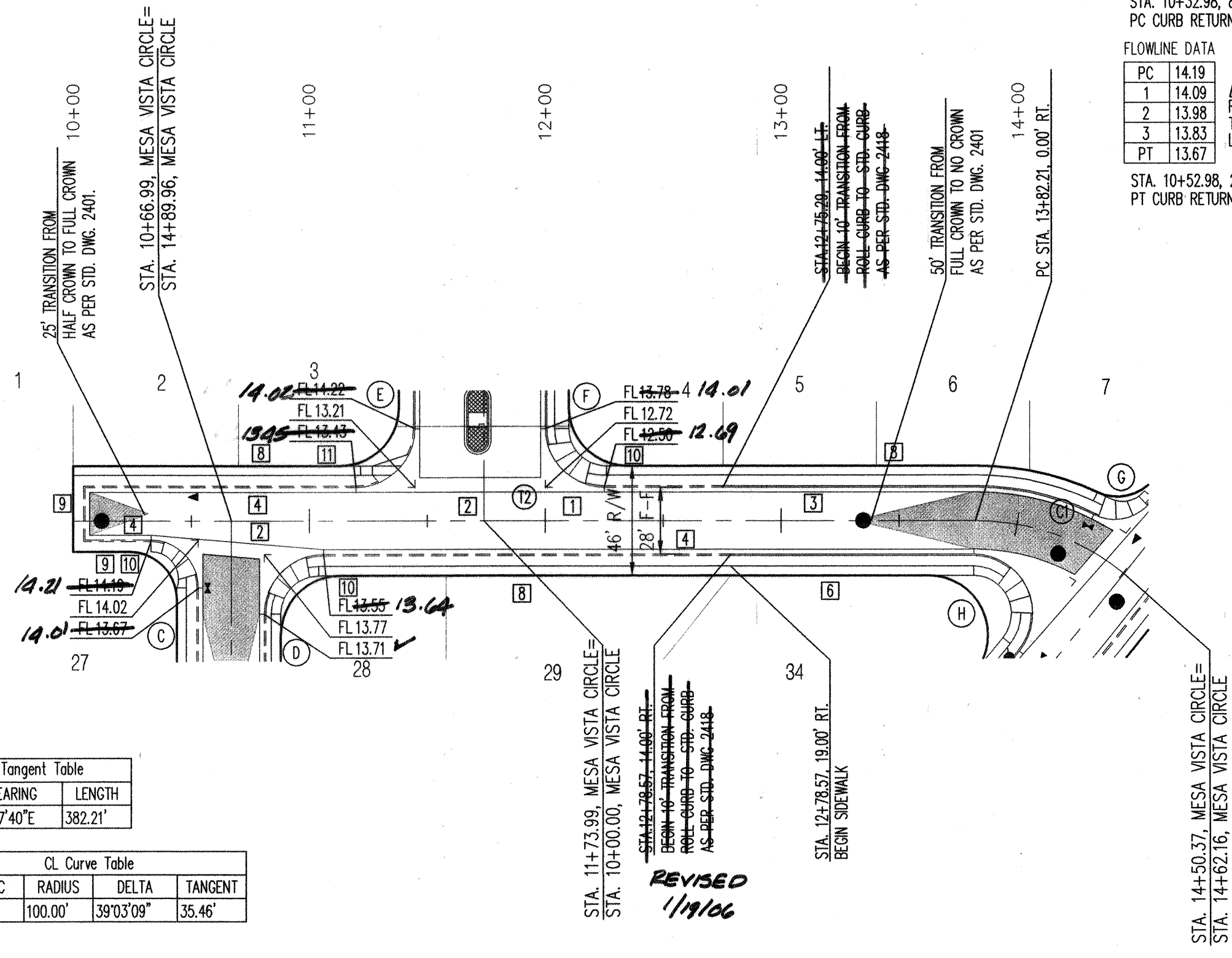




| STATION | EASTING   | NORTHING   | ELEVATION |
|---------|-----------|------------|-----------|
| 1       | 365450.42 | 1511399.09 | 5113.63   |
| 2       | 365445.81 | 1511403.73 | 5113.95   |
| 3       | 365445.87 | 1511421.98 | 5114.59   |
| 4       | 365450.51 | 1511426.59 | 5114.73   |
| 5       | 365455.12 | 1511421.95 | 5114.49   |
| 6       | 365455.06 | 1511403.70 | 5113.79   |
| 7       | 365450.60 | 1511451.59 | 5116.49   |
| 8       | 365445.99 | 1511456.23 | 5115.61   |
| 9       | 365446.11 | 1511489.57 | 5116.99   |
| 10      | 365450.75 | 1511494.18 | 5116.86   |
| 11      | 365455.36 | 1511489.53 | 5116.84   |
| 12      | 365455.24 | 1511456.20 | 5115.55   |



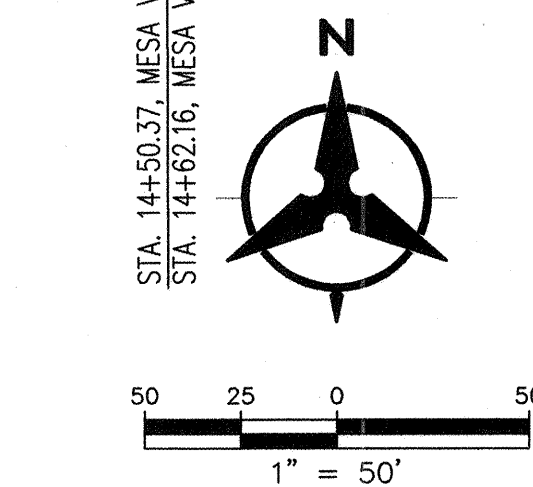
### MESA VISTA CIRCLE NW (ENTRANCE)



| ID | BEARING     | LENGTH  |
|----|-------------|---------|
| T1 | N00°11'54"E | 182.14' |

| ID | ARC    | RADIUS  | DELTA     | TANGENT |
|----|--------|---------|-----------|---------|
| C1 | 68.16' | 100.00' | 39°03'09" | 35.46'  |

### MESA VISTA CIRCLE NW (NORTH LEG)

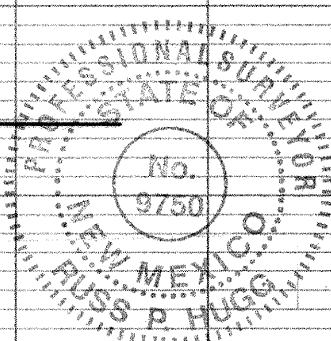


ELEVATIONS ARE IN NGVD 29

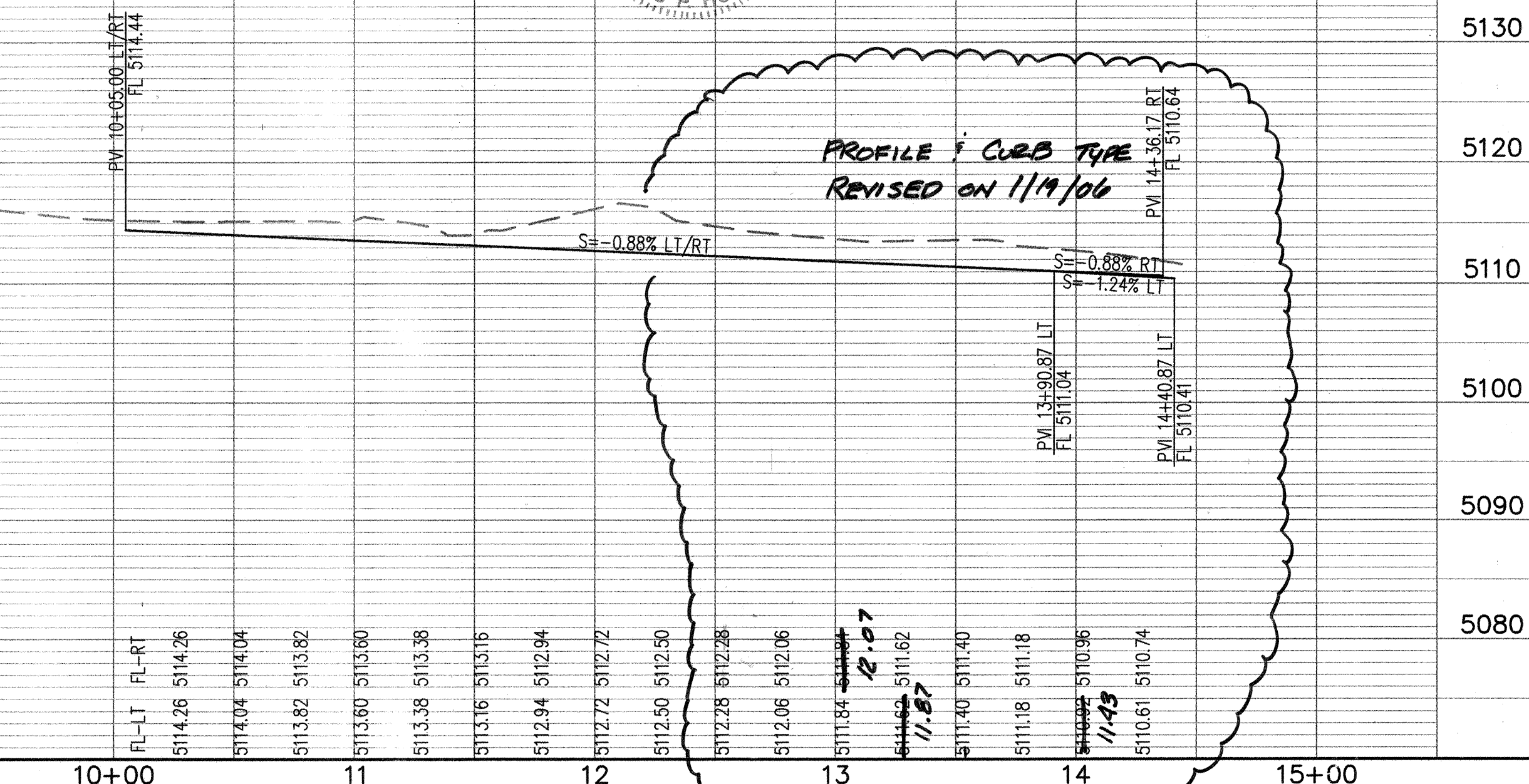
#### SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, hereby certify that the as-built information shown herein is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg  
NMPs No. 9750  
11/14/06



PROFILE: CURB TYPE  
REVISED ON 11/14/06



#### NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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11. REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAW CUT ONLY).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
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#### KEYED NOTES

1. BUILD 3" RESIDENTIAL PAVEMENT SECTION PER SECTION A, SHEET 14.
2. INSTALL 6" CONCRETE VALLEY GUTTER PER COA STD. DWG. 2420.
3. BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
4. BUILD ROLL TYPE CURB & GUTTER PER COA STD. DWG. 2415A.
5. BUILD MEDIAN TYPE CURB AND GUTTER PER COA STD. DWG. 2415B.
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7. BUILD 6' SIDEWALK PER COA STD. DWG. 2430.
8. 4' SIDEWALK, DEFERRED.
9. NO SIDEWALK ON THIS SIDE, WAIVED.
10. INSTALL SPECIAL HANDICAP RAMP PER CASE II SHEET 14.
11. INSTALL SPECIAL UNI-DIRECTIONAL HANDICAP RAMP PER DETAIL SHEET 14.
12. PAINT MEDIAN NOSE REFLECTIVE YELLOW
13. INSTALL 4" STAMPED CONCRETE 10' BACK FROM MEDIAN NOSE BAJA RED, RUNNING BOND PATTERN PER COA STD. DWG. 2408.

\* NOT USED THIS SHEET.

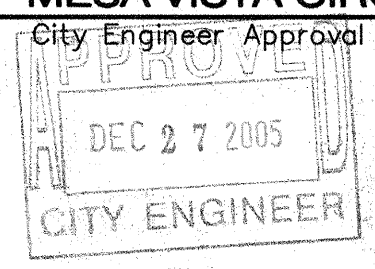
**Bohannon & Huston**

Courtyard 1 7600 Jefferson St. NE Albuquerque, NM 87108-4395  
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**CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT**

**MESA RIDGE SUBDIVISION  
PAVING PLAN AND PROFILE  
MESA VISTA CIRCLE NW**



City Project No.

Zone Map No.

Sheet

Of

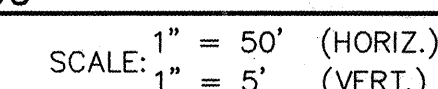
765881

E-11-Z

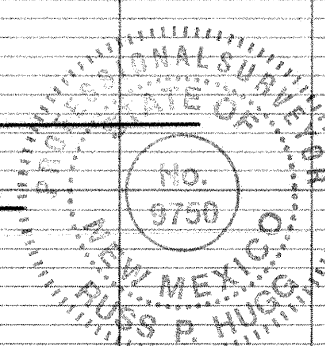
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14

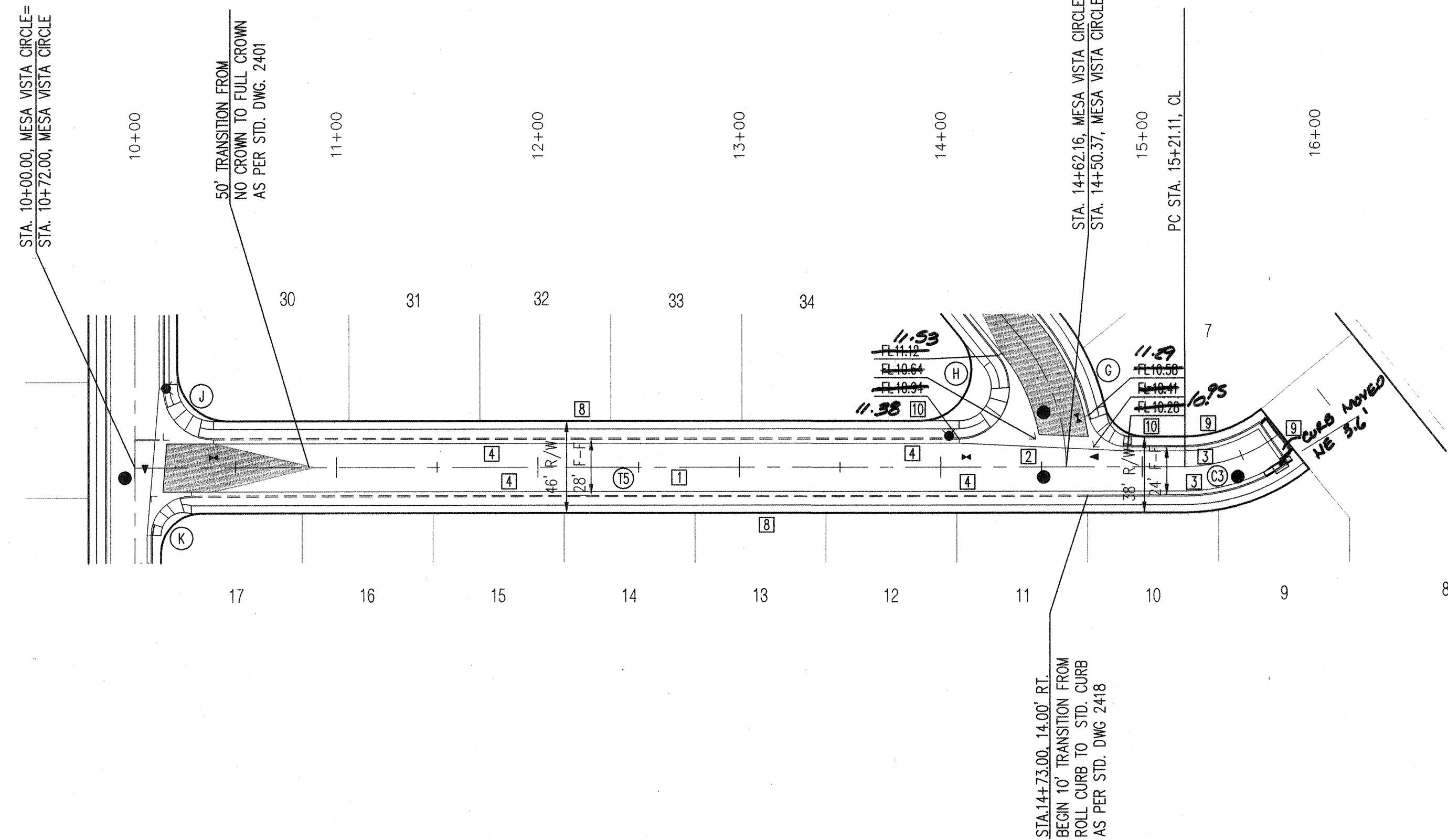




ELEVATIONS ARE IN NGVD 29







| ID | BEARING     | LENGTH  |
|----|-------------|---------|
| T5 | S39°15'29"W | 521.11' |

| ID | ARC    | RADIUS | DELTA     | TANGENT |
|----|--------|--------|-----------|---------|
| C3 | 51.12° | 75.00' | 39°03'09" | 26.60'  |

| PC | PT    | PI    | PC | PT    | PI    |
|----|-------|-------|----|-------|-------|
| 1  | 10.93 | 11.12 | 1  | 10.93 | 11.12 |
| 2  | 10.84 | 10.93 | 2  | 10.84 | 10.93 |
| 3  | 10.84 | 10.93 | 3  | 10.84 | 10.93 |
| 4  | 10.84 | 10.93 | 4  | 10.84 | 10.93 |

| PC | PT    | PI    | PC | PT    | PI    |
|----|-------|-------|----|-------|-------|
| 1  | 10.35 | 10.35 | 1  | 10.35 | 10.35 |
| 2  | 10.42 | 10.42 | 2  | 10.42 | 10.42 |
| 3  | 10.50 | 10.50 | 3  | 10.50 | 10.50 |
| 4  | 10.58 | 10.58 | 4  | 10.58 | 10.58 |

# NOTES

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## KEYED NOTES

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13. INSTALL 4" STAMPED CONCRETE 10' BACK FROM MEDIAN NOSE BAJA RED, RUNNING BOND PATTERN PER COA STD. DWG. 2408.

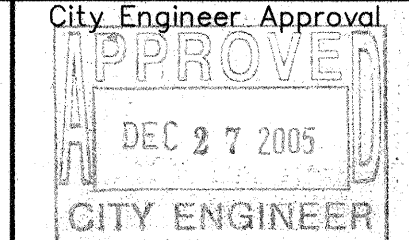
\* NOT USED THIS SHEET.

**Bohannon & Huston**  
 Courtyard | 7600 Jefferson St. NE Albuquerque, NM 87108-4396  
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**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**

**MESA RIDGE SUBDIVISION**  
**PAVING PLAN AND PROFILE**  
**MESA VISTA CIRCLE**



| Mo./Day/Yr. | Mo./Day/Yr. |
|-------------|-------------|
|             |             |

City Project No. **765881**

Zone Map No. **E-11-Z**

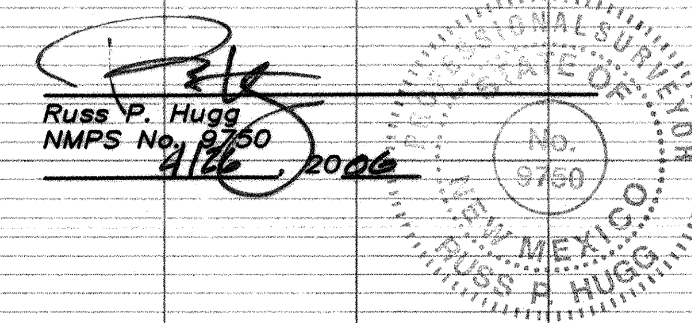
Sheet **7** Of **14**

## MESA VISTA CIRCLE (EAST LEG)

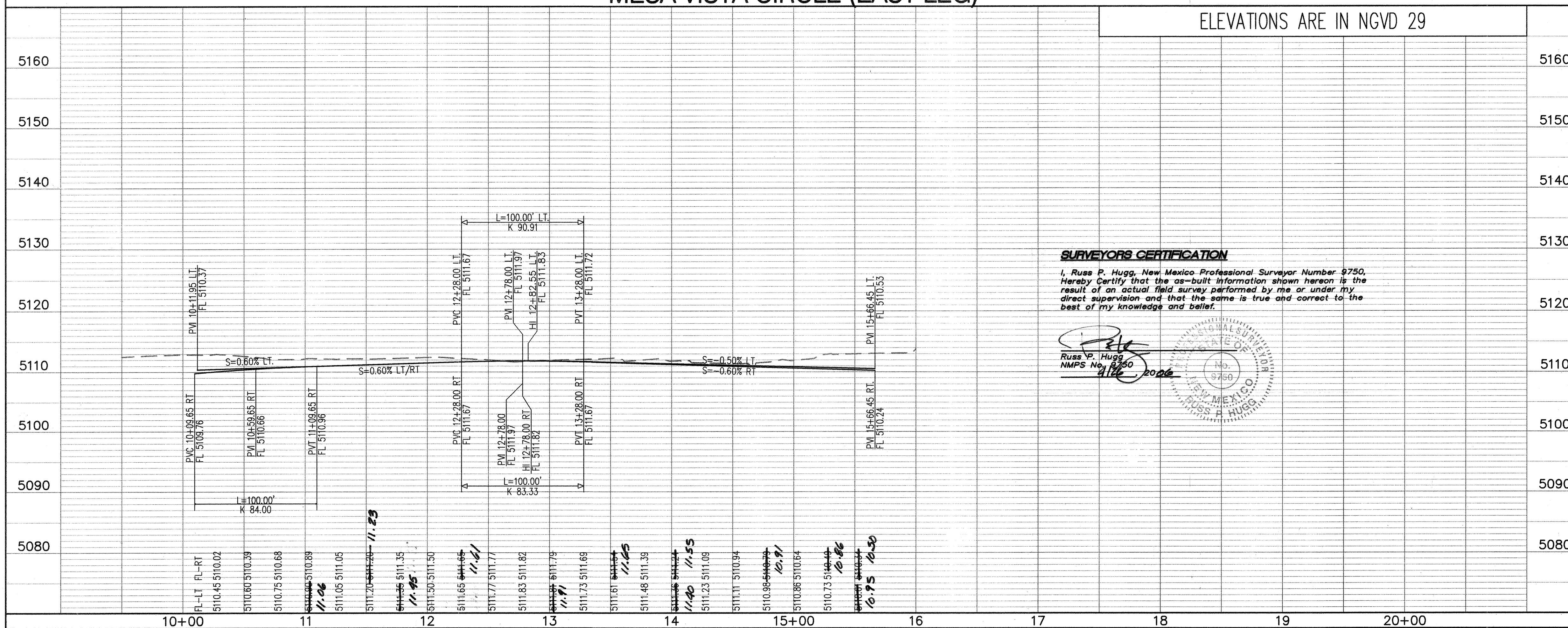
ELEVATIONS ARE IN NGVD 29

## SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Hereby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

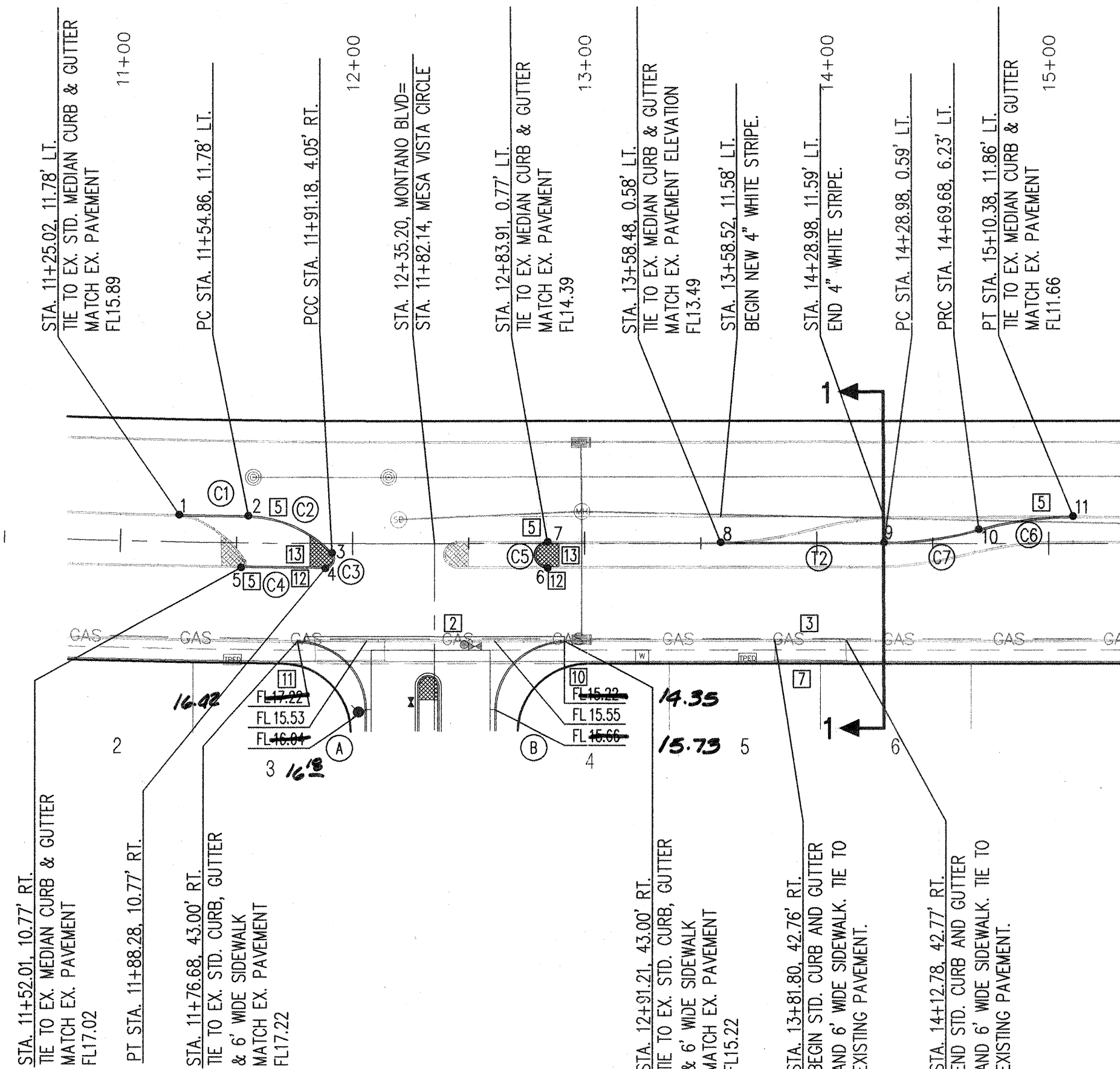


SEE SHEET 6 FOR  
J & K QUARTER  
POINT INFORMATION



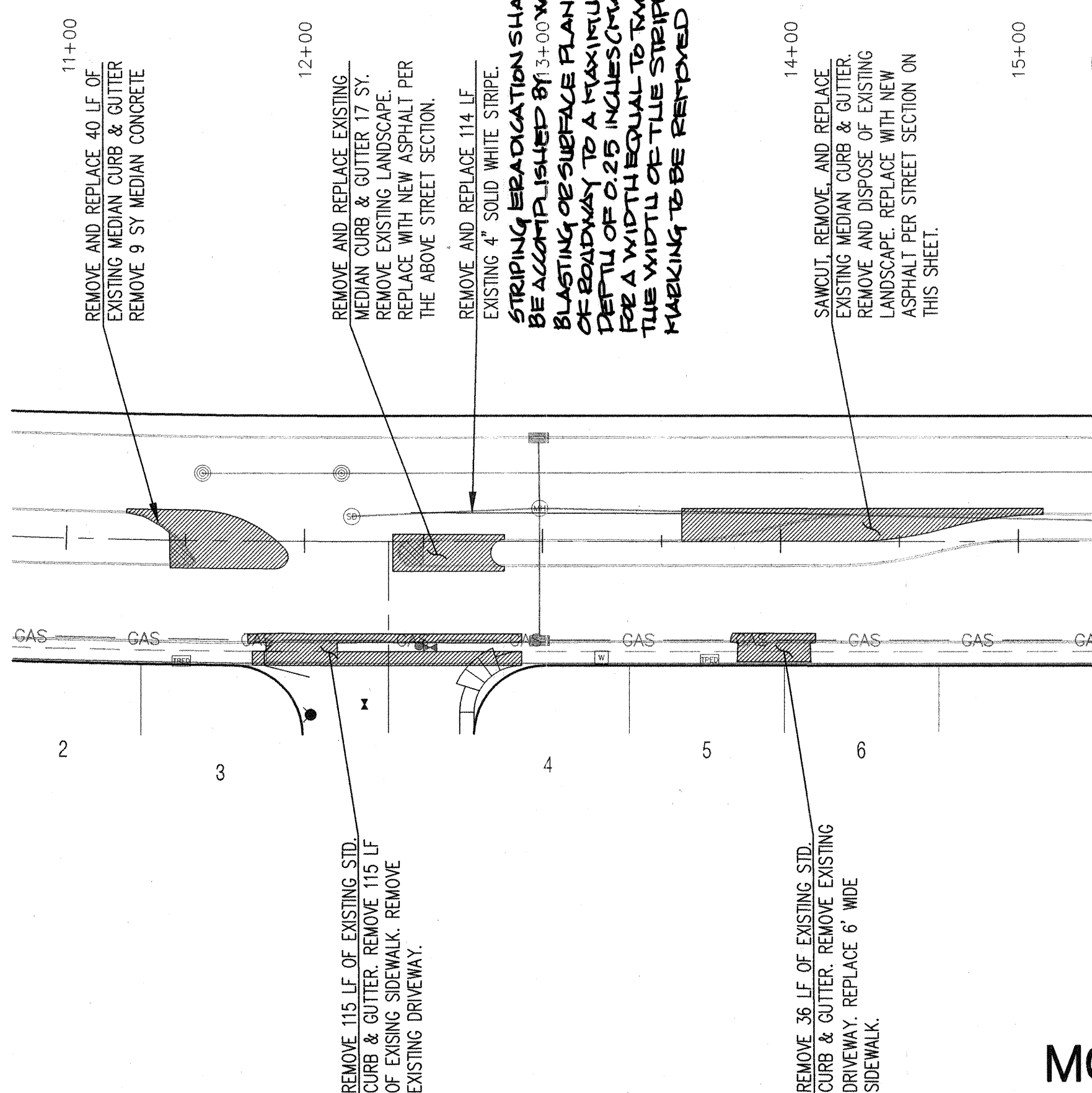


10+00



MONTANO ROAD (PROPOSED PLAN)

10+00



MONTANO BLVD. (DEMOLITION PLAN)

**SURVEYORS CERTIFICATION**

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Russ P. Hugg  
NMPs No. 9750  
4/16/2006

| ID | BEARING     | LENGTH |
|----|-------------|--------|
| T2 | N89°48'06"W | 70.50' |

| ID | EASTING   | NORTHING   | ELEVATION |
|----|-----------|------------|-----------|
| 1  | 365343.71 | 1511565.29 | 5115.89   |
| 2  | 365373.46 | 1511564.62 | 5116.06   |
| 3  | 365409.51 | 1511548.27 | 5116.19   |
| 4  | 365406.48 | 1511541.58 | 5116.46   |
| 5  | 365370.18 | 1511542.13 | 5117.02   |
| 6  | 365502.29 | 1511541.16 | 5115.38   |
| 7  | 365502.33 | 1511552.67 | 5114.39   |
| 8  | 365576.86 | 1511552.22 | 5113.40   |
| 9  | 365647.35 | 1511551.97 | 5112.59   |
| 10 | 365688.08 | 1511557.46 | 5112.12   |
| 11 | 365728.80 | 1511562.95 | 5111.66   |

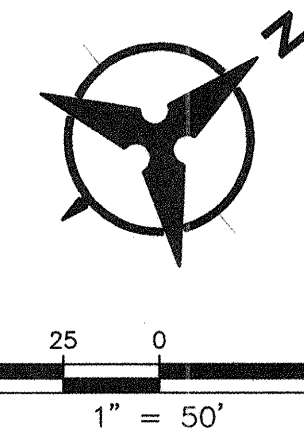
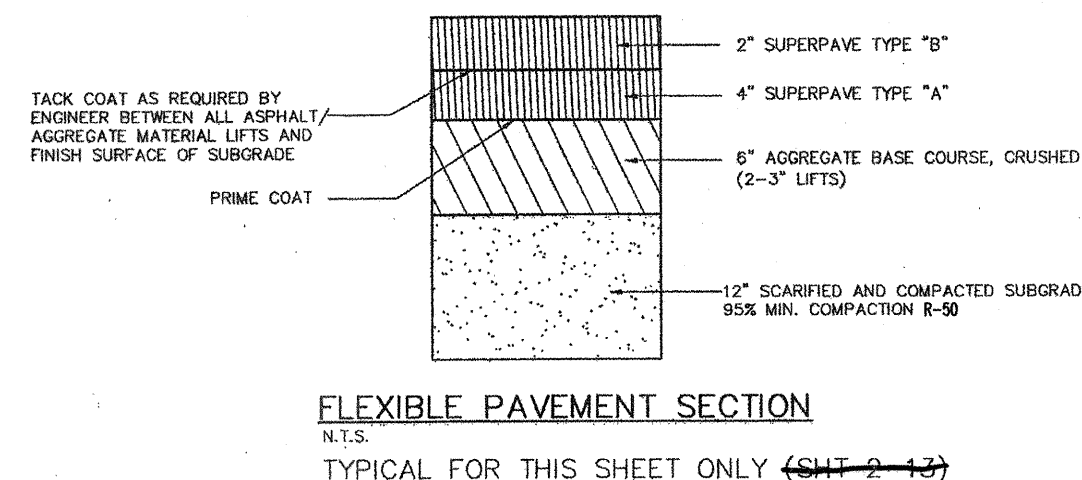
NOTE: CONTRACTOR SHALL FIELD VERIFY EXISTING SPOT ELEVATIONS AND ADJUST ABOVE ELEVATIONS TO MATCH.

| ID | ARC    | RADIUS   | DELTA      | TANGENT |
|----|--------|----------|------------|---------|
| C1 | 29.75' | 4162.01' | 00°24'35"  | 14.88'  |
| C2 | 40.70' | 50.00'   | 46°38'17"  | 21.55'  |
| C3 | 9.31'  | 4.00'    | 133°19'14" | 9.27'   |
| C4 | 36.36' | 4184.56' | 00°29'52"  | 18.18'  |
| C5 | 18.08' | 5.76'    | 180°00'00" | ---     |
| C6 | 41.22' | 150.00'  | 15°44'42"  | 20.74'  |
| C7 | 41.22' | 150.00'  | 15°44'42"  | 20.74'  |

| PC       | PT     | STATION | PC CURB RETURN | PT CURB RETURN |
|----------|--------|---------|----------------|----------------|
| 11+76.68 | 43.00' | RT.     | 11+76.68       | 43.00'         |
| 12+61.21 | 73.00' | RT.     | 12+61.21       | 73.00'         |

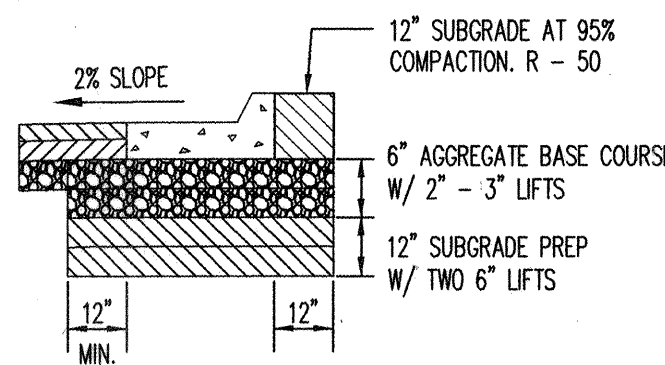
| PC       | PT     | STATION | PC CURB RETURN | PT CURB RETURN |
|----------|--------|---------|----------------|----------------|
| 11+76.68 | 43.00' | RT.     | 11+76.68       | 43.00'         |
| 12+61.21 | 73.00' | RT.     | 12+61.21       | 73.00'         |

**COA PROJECT #5885.90**



SECTION 1-1  
MONTANO BLVD.  
NOT TO SCALE

NOTE: SURFACING - SEE FLEXIBLE PAVEMENT SECTION THIS SHEET.



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13. INSTALL 4" STAMPED CONCRETE 10' BACK FROM MEDIAN NOSE BAJA RED, RUNNING BOND PATTERN PER COA STD. DWG. 2408.

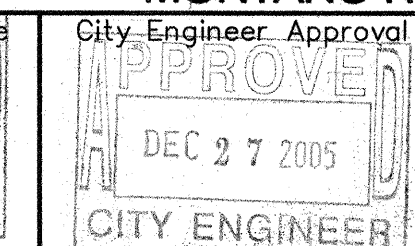
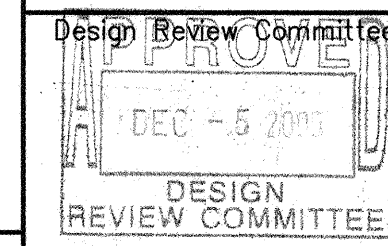
\* NOT USED THIS SHEET.

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**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT

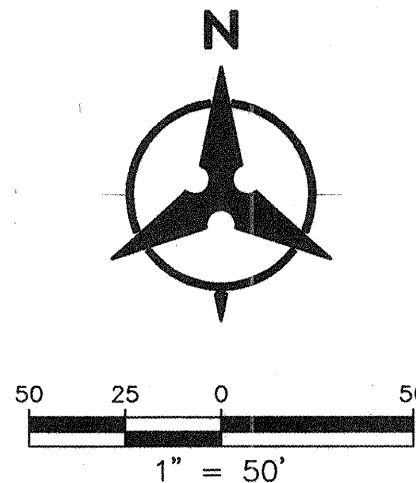
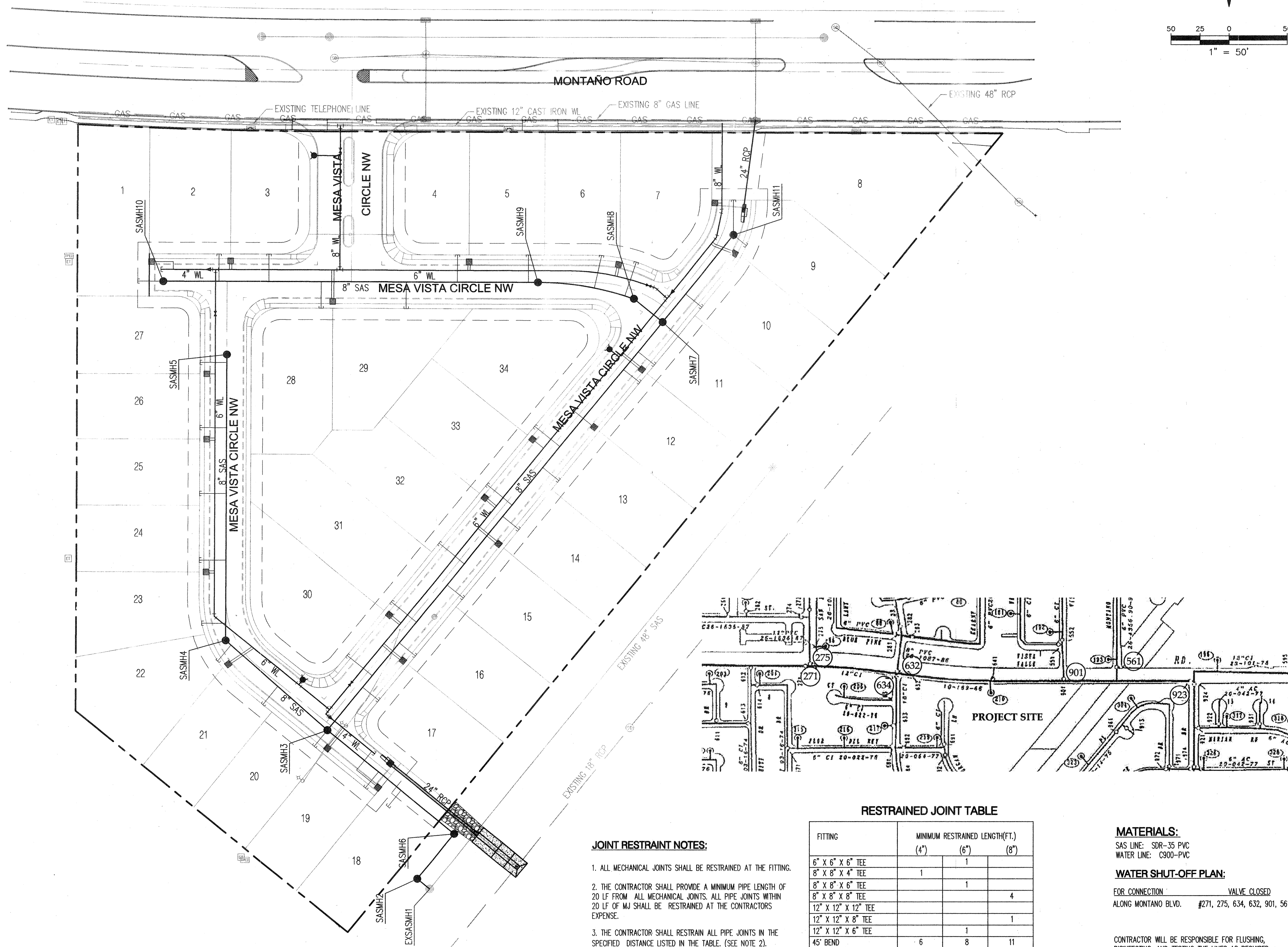
MESA RIDGE SUBDIVISION  
PAVING PLAN AND PROFILE  
MONTANO ROAD



| No. | Date | REMARKS |
|-----|------|---------|
|     |      |         |
|     |      |         |
|     |      |         |

| City Project No. | Zone Map No. | Sheet | Of |
|------------------|--------------|-------|----|
| 765881           | E-11-Z       | 8     | 14 |



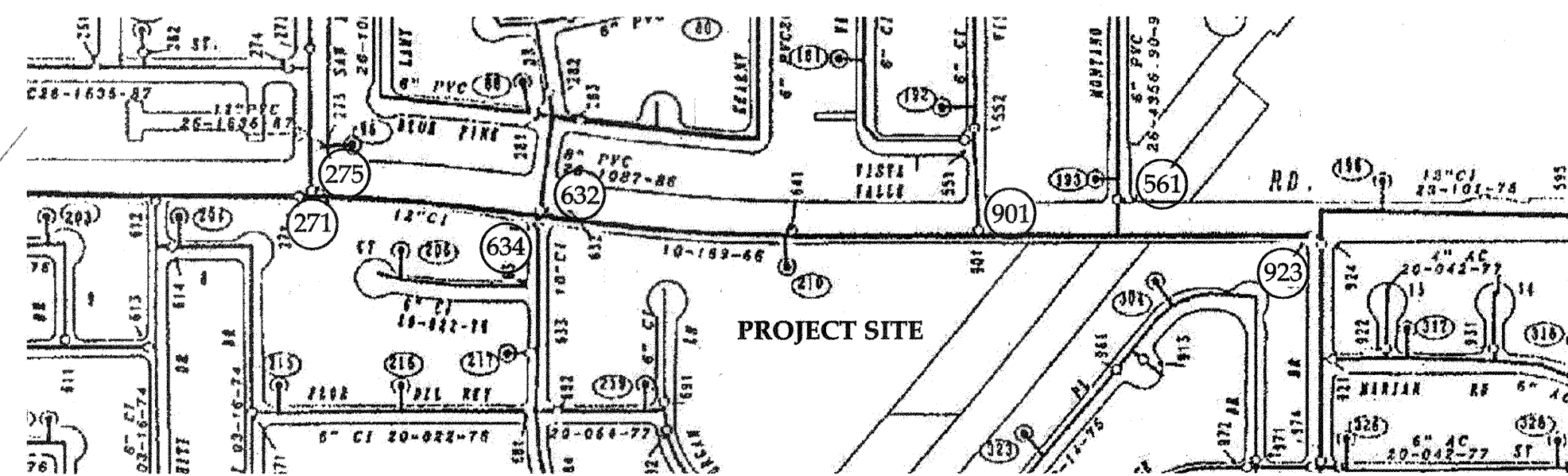


### GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMD AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- MH RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
- SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
- STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- E.M.D. SHALL BE INSTALLED WITH WATER LINE AND SANITARY SEWER AS PER CITY STD. SECTION 170.

### LEGEND

- PROPERTY LINE
- - - NEW EASEMENT
- - - SAS EXISTING SANITARY SEWER
- - - W EXISTING WATER LINE
- - - EXISTING STORM DRAIN
- EXISTING WATER METER
- EXISTING CAP
- EXISTING VALVE
- EXISTING FIRE HYDRANT
- EXISTING SANITARY SEWER MANHOLE
- EXISTING STORM DRAIN
- - - SAS PROPOSED SANITARY SEWER
- - - W PROPOSED WATER LINE
- PROPOSED VALVE
- PROPOSED HYDRANT
- PROPOSED CAP
- PROPOSED WATER METER
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM DRAIN
- ★ PROPOSED STREET LIGHT



### RESTRAINED JOINT TABLE

| FITTING                   | MINIMUM RESTRAINED LENGTH(FT.) |      |      |
|---------------------------|--------------------------------|------|------|
|                           | (4")                           | (6") | (8") |
| 6" X 6" X 6" TEE          |                                | 1    |      |
| 8" X 8" X 4" TEE          | 1                              |      |      |
| 8" X 8" X 6" TEE          |                                | 1    |      |
| 8" X 8" X 8" TEE          |                                |      | 4    |
| 12" X 12" X 12" TEE       |                                |      |      |
| 12" X 12" X 8" TEE        |                                |      | 1    |
| 12" X 12" X 6" TEE        |                                | 1    |      |
| 45° BEND                  | 6                              | 8    | 11   |
| 11.25° BEND               | 1                              | 2    | 3    |
| 22.5° BEND                | 3                              | 4    | 5    |
| 90° BEND                  | 15                             | 20   | 27   |
| VALVE/DEAD END            | 39                             | 55   | 73   |
| 11.25° VERT. BEND (UPPER) | 4                              | 5    | 7    |
| 11.25° VERT. BEND (LOWER) | 1                              | 1    | 2    |
| 6" X 4" REDUCER           |                                | 29   |      |
| 8" X 6" REDUCER           |                                |      | 31   |
| 12" X 8" REDUCER          |                                |      |      |
| 12" X 6" REDUCER          |                                |      |      |

### JOINT RESTRAINT NOTES:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE. (SEE NOTE 2).
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
- ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
- RESTRAINED LENGTH IS FROM LARGE SIDE ON ALL REDUCERS.
- RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.
- JOINT RESTRAINT LENGTH SHOWN FOR TEES REFERS TO THE BRANCH SECTION CASES.

### MATERIALS:

SAS LINE: SDR-35 PVC  
WATER LINE: C900-PVC

### WATER SHUT-OFF PLAN:

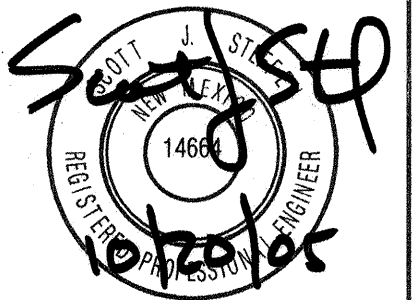
FOR CONNECTION VALVE CLOSED  
ALONG MONTAÑO BLVD. #271, 275, 634, 632, 901, 561, & 923

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE CITY OF ALBUQUERQUE.

### WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

| AS-BUILT INFORMATION |      | BENCH MARKS                                    |      | SURVEY INFORMATION |    | ENGINEER'S SEAL |        |
|----------------------|------|--|------|--------------------|----|-----------------|--------|
| CONTRACTOR           | DATE | AS BRASS TABLET STAMPED "TRANS"                | DATE | NO.                | BY | REMARKS         | DESIGN |
| WORK BY              | DATE | Geographic Position (NAD 1927)                 | DATE |                    |    |                 |        |
| DESIGNED BY          | DATE | N.M. State Plane Coordinates (Central Zone)    | DATE |                    |    |                 |        |
| CHECKED BY           | DATE | X= 354,899.45 Y= 1,471,822.67                  | DATE |                    |    |                 |        |
| RECORDED BY          | DATE | Ground-to-Grid Factor= 0.999792 (As Published) | DATE |                    |    |                 |        |
|                      | DATE | ΔX = -00'16"42"                                | DATE |                    |    |                 |        |
|                      | DATE | SID 1929 Elevation = 5118.370                  | DATE |                    |    |                 |        |



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PUBLIC WORKS DEPARTMENT**

### MESA RIDGE SUBDIVISION OVERALL UTILITY PLAN

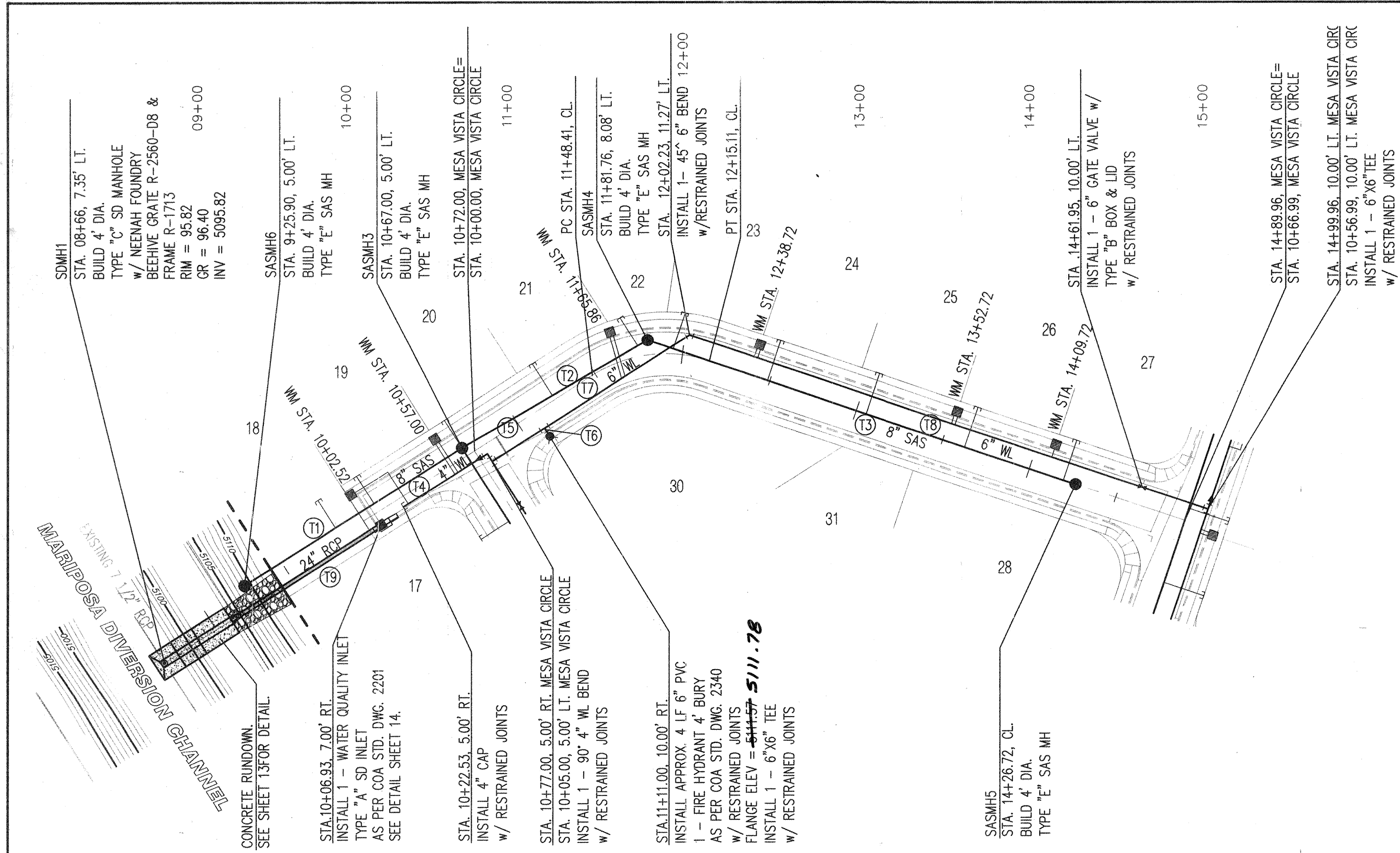
|   |   |             |             |
|---|---|-------------|-------------|
| Design Review Committee                             | City Engineer Approval                    | Mo./Day/Yr. | Mo./Day/Yr. |
| APPROVED<br>DEC - 5 2005<br>DESIGN REVIEW COMMITTEE | APPROVED<br>DEC 9 7 2005<br>CITY ENGINEER |             |             |

|                  |              |       |    |
|------------------|--------------|-------|----|
| City Project No. | Zone Map No. | Sheet | Of |
| 765881           | E-11         | 9     | 14 |







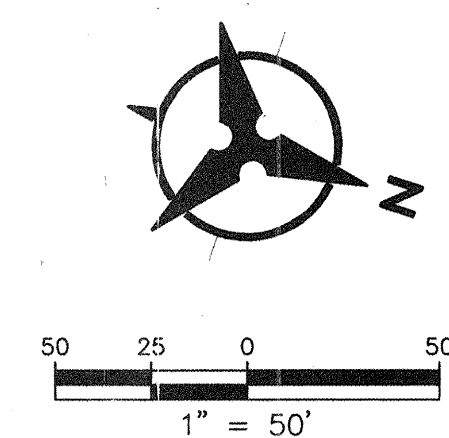


| SAS Tangent Table |             |         | WL Tangent Table |             |         |
|-------------------|-------------|---------|------------------|-------------|---------|
| ID                | BEARING     | LENGTH  | ID               | BEARING     | LENGTH  |
| T1                | N50°44'31"W | 141.10' | T4               | N50°44'31"W | 54.47'  |
| T2                | N48°17'53"W | 117.26' | T5               | N50°44'31"W | 34.00'  |
| T3                | N00°12'42"E | 247.34' | T6               | S39°15'29"W | 5.50'   |
|                   |             |         | T7               | N50°44'31"W | 94.14'  |
|                   |             |         | T8               | N00°12'42"E | 299.59' |

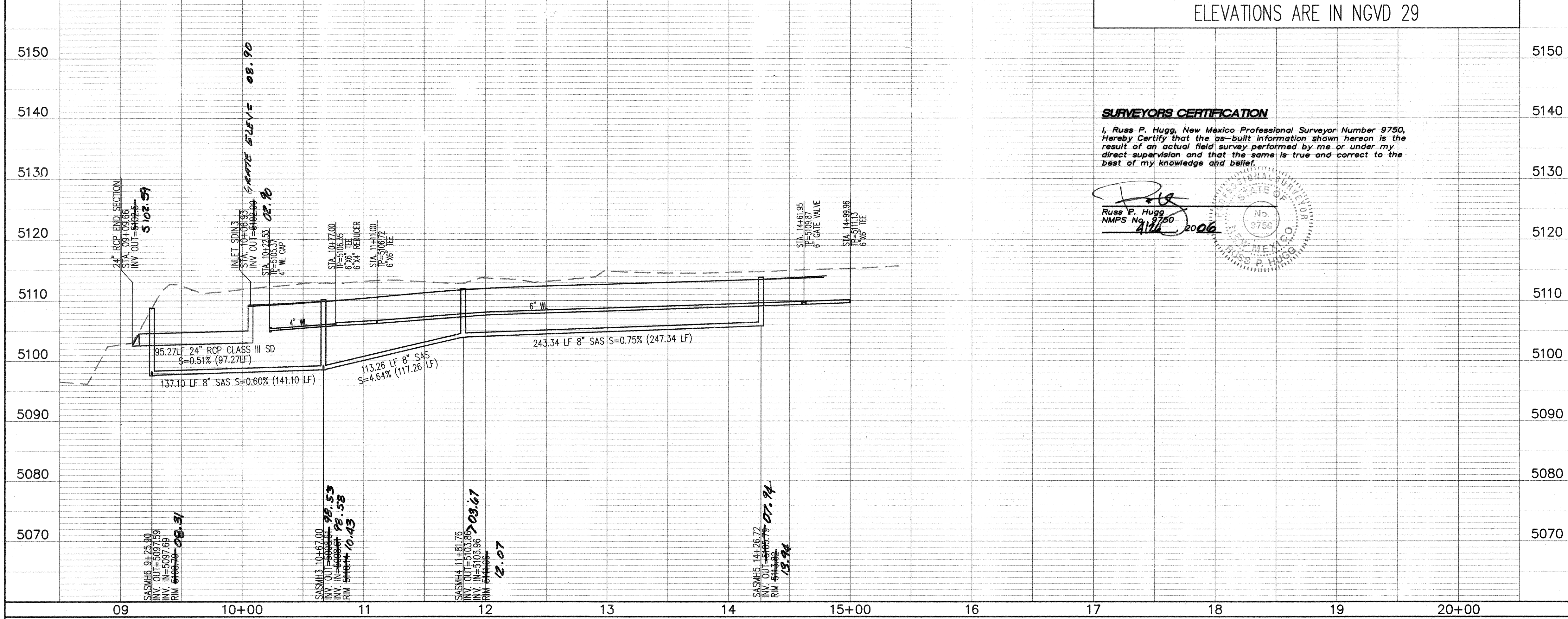
| SD Tangent Table |             |        |
|------------------|-------------|--------|
| ID               | BEARING     | LENGTH |
| T9               | S50°55'44"E | 95.27' |

| SANITARY SEWER SERVICES |                      |            |                                |
|-------------------------|----------------------|------------|--------------------------------|
| LOT                     | SAS STATION & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/ RISER) |
| 18                      | 09+85, 5.00' LT.     | 18.00'     | 5104.99 (5')*                  |
| 19                      | 10+10.00, 5.00' LT.  | 18.00'     | 5104.33 (4')                   |
| 20                      | 10+67.00, 5.00' LT.  | 18.00'     | 5105.31 (5')                   |
| 21                      | 11+24.00, 2.57' LT.  | 20.43'     | 5105.77 (4')                   |
| 22                      | 11+76.53, 5.88' LT.  | 18.16'     | 5106.50 (1')                   |
| 23                      | 11+94.78, 2.84' LT.  | 20.76'     | 5106.61 (1')                   |
| 24                      | 12+48.72, CL         | 23.00'     | 5107.06 (1')                   |
| 25                      | 13+05.72, CL         | 23.00'     | 5107.25                        |
| 26                      | 13+62.72, CL         | 23.00'     | 5107.67                        |
| 27                      | 14+19.72, CL         | 23.00'     | 5108.10                        |

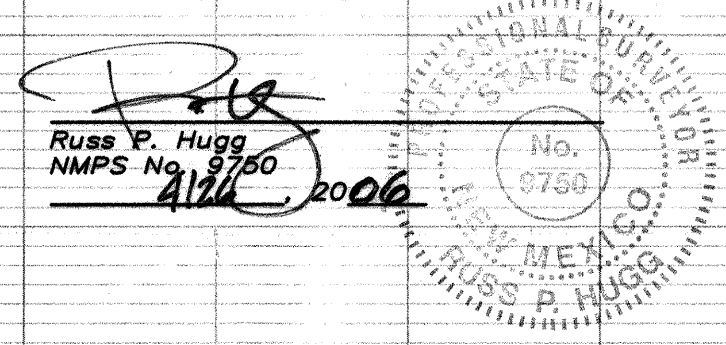
NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.  
\* = VERTICAL RISER



### MESA VISTA CIRCLE NW (WEST LEG)



**SURVEYORS CERTIFICATION**  
I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Hereby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.



- LEGEND**
- DOUBLE WATER METER
  - SINGLE WATER METER
  - WATER LINE SHUTOFF VALVE
  - WATER LINE TEE
  - SAS LATERAL
  - SAS MANHOLE
  - STORM DRAIN MANHOLE
  - STORM DRAIN INLET
  - PROPOSED FIRE HYDRANT
  - EXISTING WATER VALVE
  - PROPOSED STREET LIGHT

**Bohannon & Huston**  
Engineering & Spatial Data • Advanced Technologies  
7600 Jefferson St. NE Albuquerque, NM 87109-4336

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
MESA RIDGE SUBDIVISION  
UTILITY PLAN AND PROFILE  
MESA VISTA CIRCLE NW

Design: Review Committee  
APPROVED  
DEC 5 2005  
DESIGN REVIEW COMMITTEE

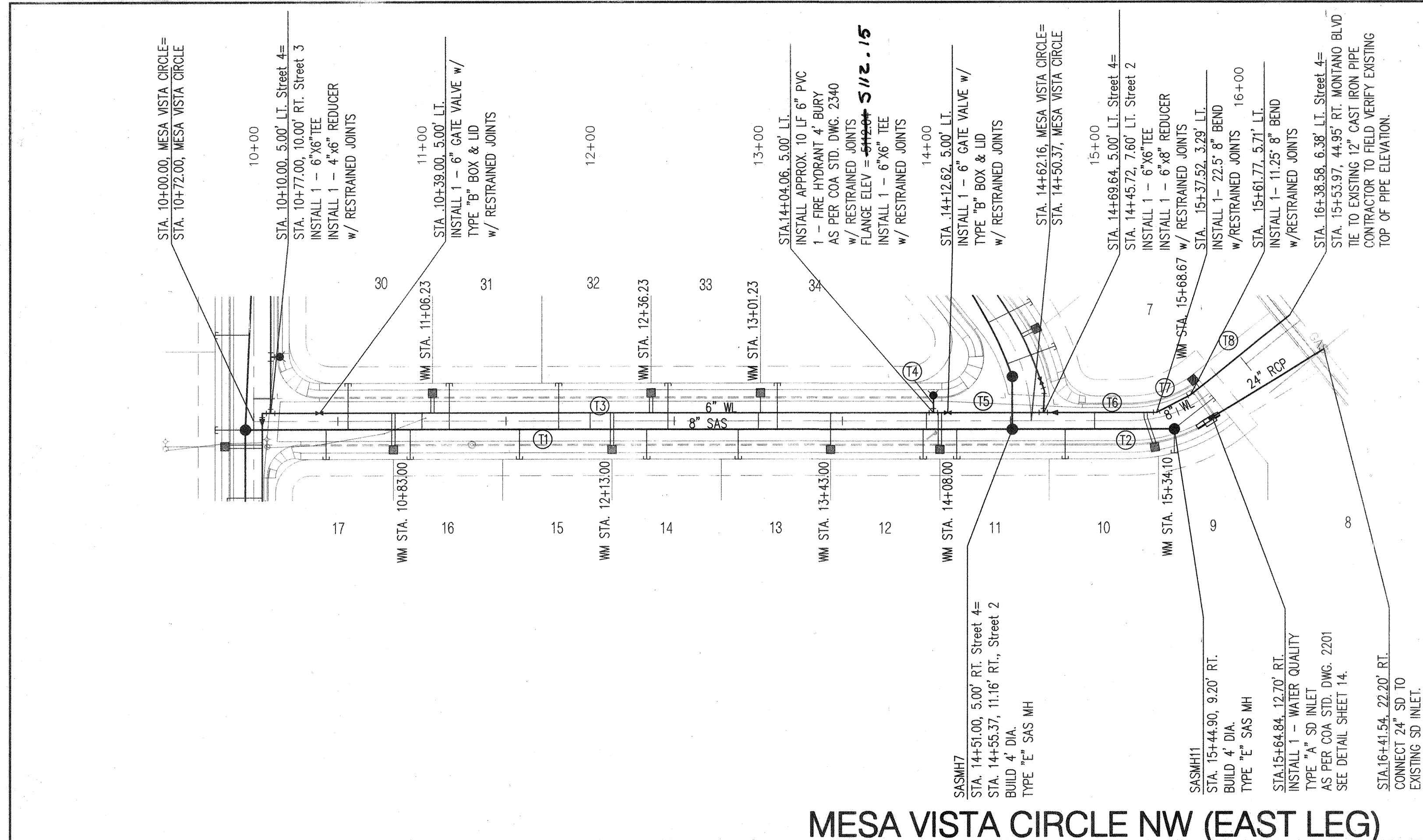
City Engineer Approval  
APPROVED  
DEC 7 2005  
CITY ENGINEER

City Project No. 765881

Zone Map No. E-11-Z

Sheet 11 Of 14





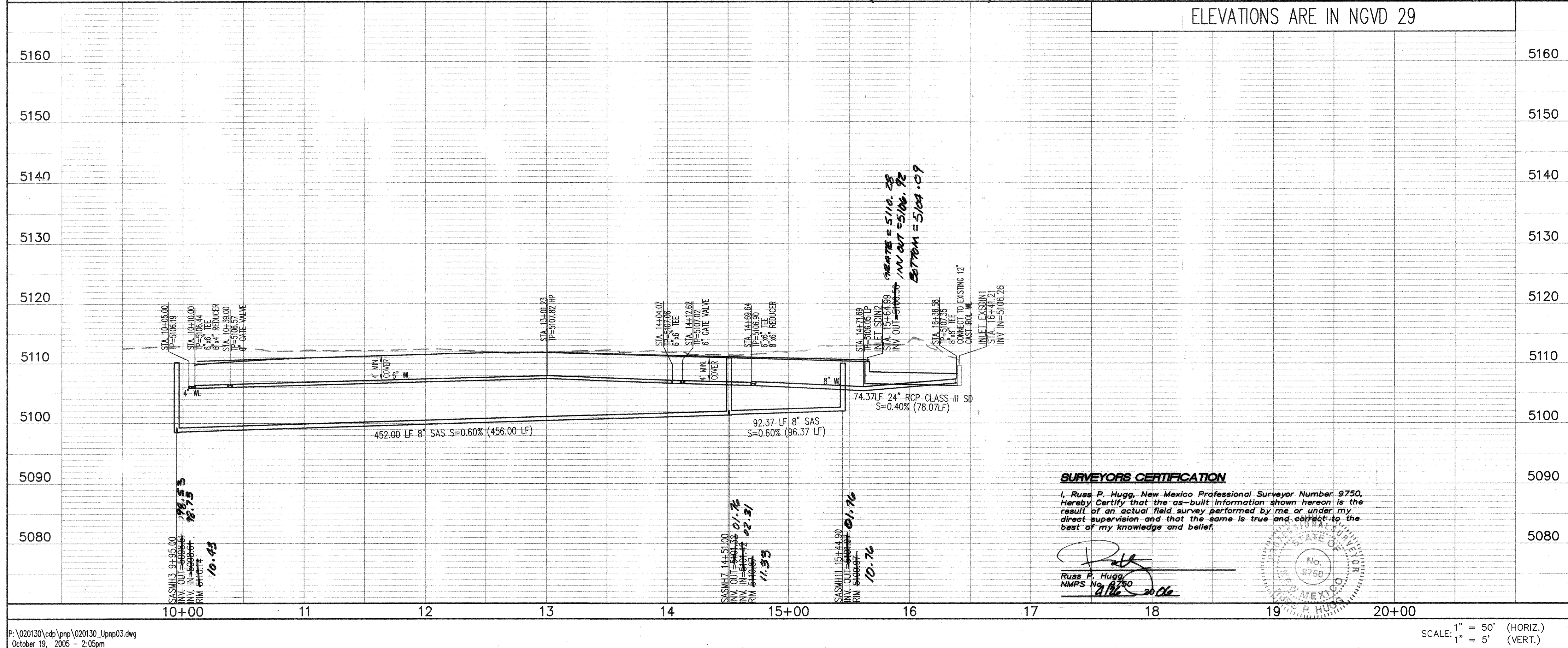
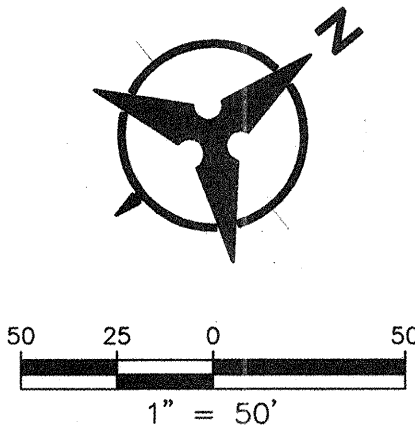
| SANITARY SEWER SERVICES |                      |            |                              |  |
|-------------------------|----------------------|------------|------------------------------|--|
| LOT ID                  | SAS STATION & OFFSET | SAS LENGTH | TOP OF PIPE AT PLUG (W/RISE) |  |
| 8                       | 15+44.90, 9.20' RT.  | 30.01'     | 5105.29 (1')                 |  |
| 9                       | 15+44.90, 9.20' RT.  | 14.42'     | 5104.39 (1')                 |  |
| 10                      | 14+82.45, 5.00' RT.  | 18.00'     | 5104.93 (2)                  |  |
| 11                      | 14+18.00, 5.00' RT.  | 18.00'     | 5105.84 (4)                  |  |
| 12                      | 13+98.00, 5.00' RT.  | 18.00'     | 5105.57 (4)                  |  |
| 13                      | 12+88.00, 5.00' RT.  | 18.00'     | 5106.32 (4)                  |  |
| 14                      | 12+33.62, 5.00' RT.  | 18.00'     | 5106.81 (5)                  |  |
| 15                      | 11+58.00, 5.00' RT.  | 18.00'     | 5106.36 (5)                  |  |
| 16                      | 10+93.00, 5.00' RT.  | 18.00'     | 5105.97 (5)                  |  |
| 17                      | 10+43.00, 5.00' RT.  | 18.00'     | 5104.85 (4)                  |  |
| 30                      | 10+56.00, 5.00' RT.  | 28.00'     | 5105.23 (4)                  |  |
| 31                      | 11+16.23, 5.00' RT.  | 28.00'     | 5105.59 (4)                  |  |
| 32                      | 11+81.23, 5.00' RT.  | 28.00'     | 5105.98 (4)                  |  |
| 33                      | 12+46.23, 5.00' RT.  | 28.00'     | 5106.37 (4)                  |  |
| 34                      | 13+11.23, 5.00' RT.  | 28.00'     | 5106.19 (5)                  |  |

| SAS Tangent Table |              |         |
|-------------------|--------------|---------|
| ID                | BEARING      | LENGTH  |
| T1                | S39°15'29\"W | 456.00' |
| T2                | S39°15'29\"W | 96.37'  |

| WL Tangent Table |              |         |
|------------------|--------------|---------|
| ID               | BEARING      | LENGTH  |
| T3               | S39°15'29\"W | 394.06' |
| T4               | S50°44'31\"E | 10.50'  |
| T5               | S39°15'29\"W | 65.58'  |
| T6               | S39°15'29\"W | 67.03'  |
| T7               | N11°27'20\"E | 22.83'  |
| T8               | N00°12'20\"E | 75.98'  |

NOTE: WATER METER LOCATIONS ARE DESIGNATED BY STATIONING AT PROPERTY CORNERS.

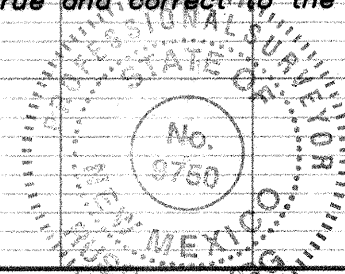
NOTE: CONTRACTOR TO FIELD VERIFY UTILITY LOCATIONS IN THE MONTANO RIGHT-OF-WAY



**SURVEYORS CERTIFICATION**

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Hereby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

Russ P. Hugg  
NMPs No. 9750  
9/16/2006



- GENERAL NOTES**
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  - ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
  - GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
  - CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
  - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
  - CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
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  - MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
  - SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
  - STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
  - FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
  - ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS.
  - FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUDED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUDED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
  - ALL WATER SERVICE LINES ARE TO BE 3/4".

- LEGEND**
- DOUBLE WATER METER
  - SINGLE WATER METER
  - WATER LINE SHUTOFF VALVE
  - WATER LINE TEE
  - SAS LATERAL
  - SAS MANHOLE
  - STORM DRAIN MANHOLE
  - STORM DRAIN INLET
  - PROPOSED FIRE HYDRANT
  - EXISTING WATER VALVE
  - PROPOSED STREET LIGHT

**Bohannon & Huston**  
Courtney I 7800 Jefferson St NE Albuquerque, NM 87109-4395  
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

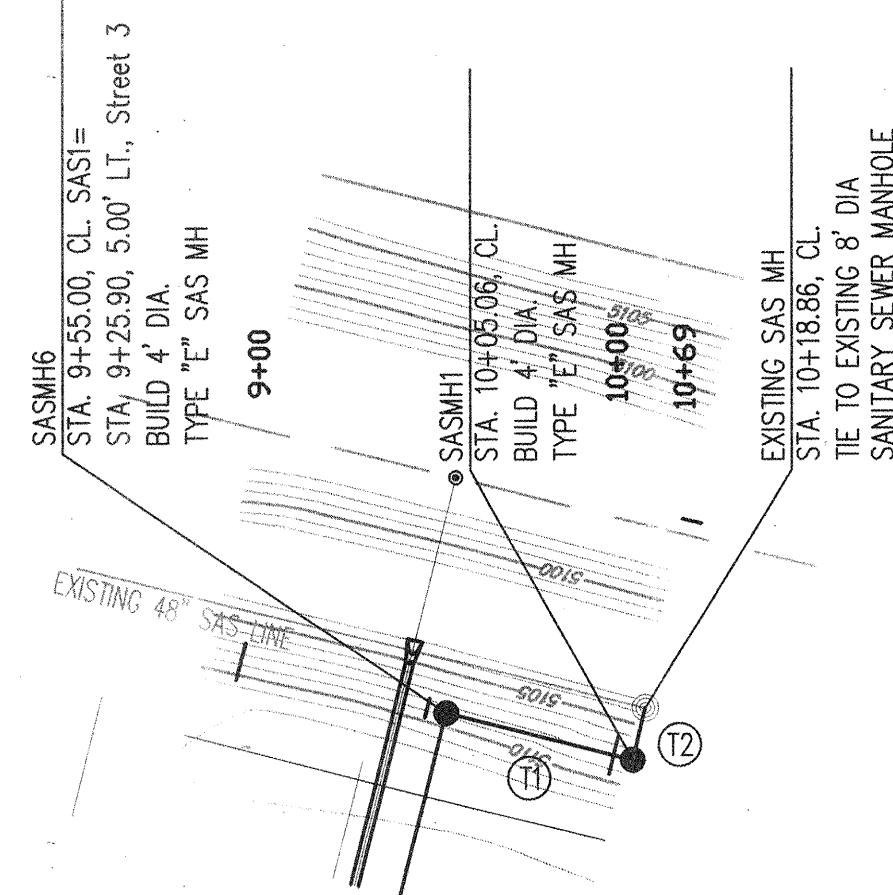
**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT

**MESA RIDGE SUBDIVISION**  
UTILITY PLAN AND PROFILE  
MESA VISTA CIRCLE NW

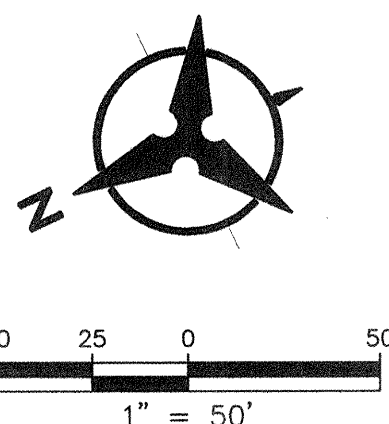
Design/Review Committee: [Signature]  
City Engineer Approval: [Signature]  
Last Design Update: [Signature]  
DESIGN REVIEW COMMITTEE

City Project No. 765881 Zone Map No. E-11-Z Sheet 12 Of 14

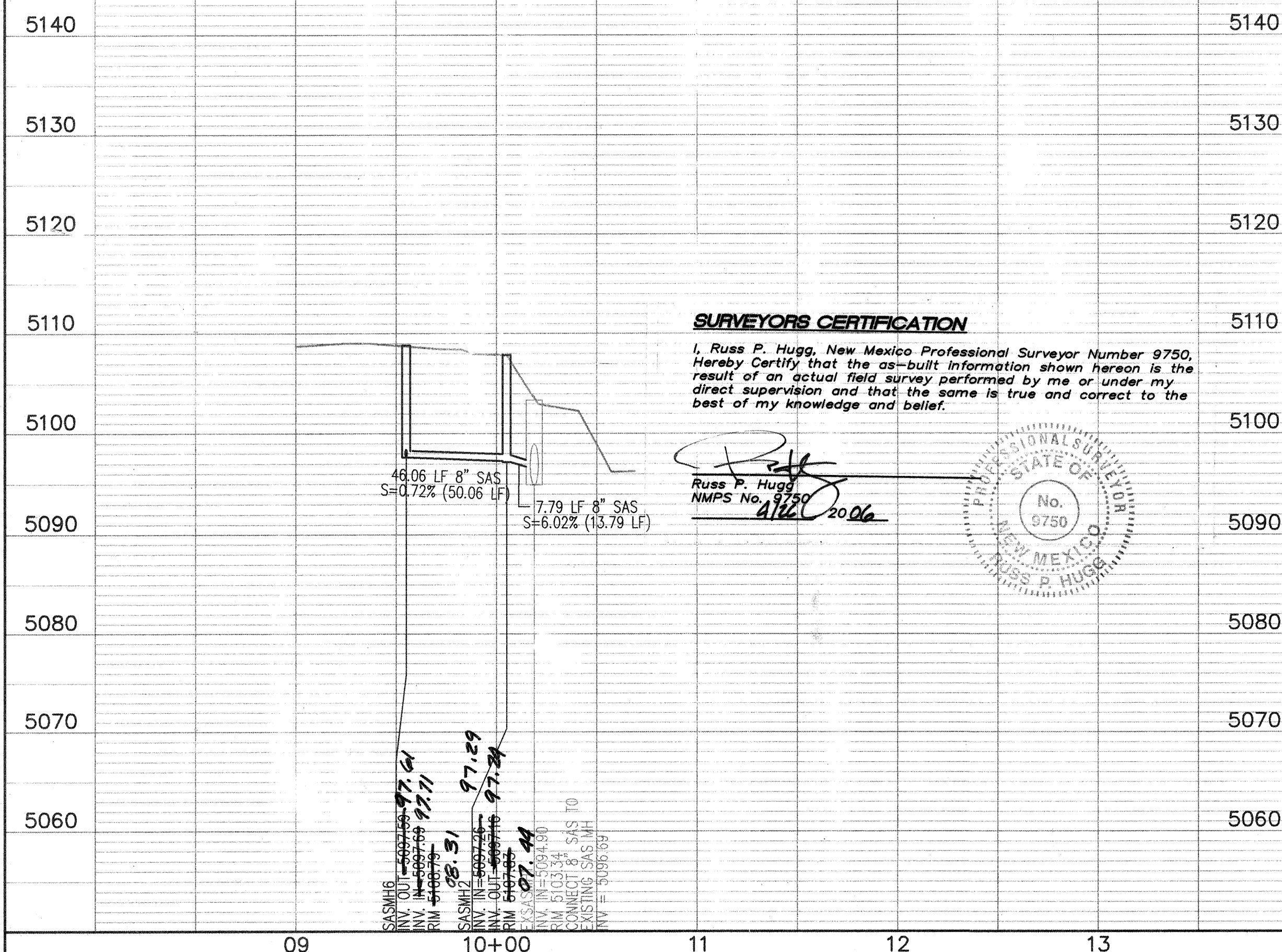




| SAS Tangent Table |             |        |
|-------------------|-------------|--------|
| ID                | BEARING     | LENGTH |
| T1                | N39°15'29"E | 50.06' |
| T2                | N50°44'31"W | 13.79' |



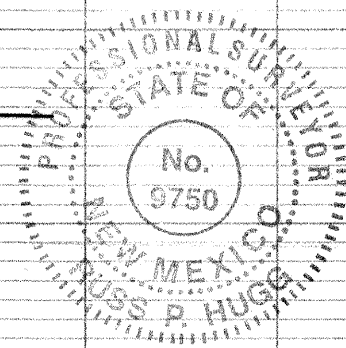
## OFFSITE SAS



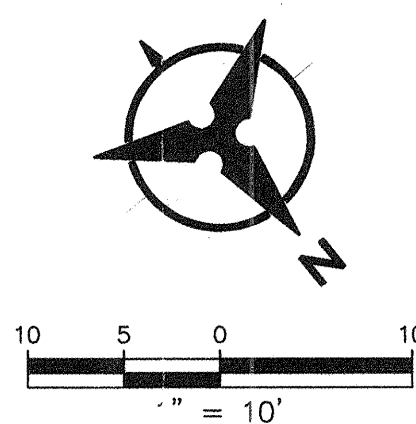
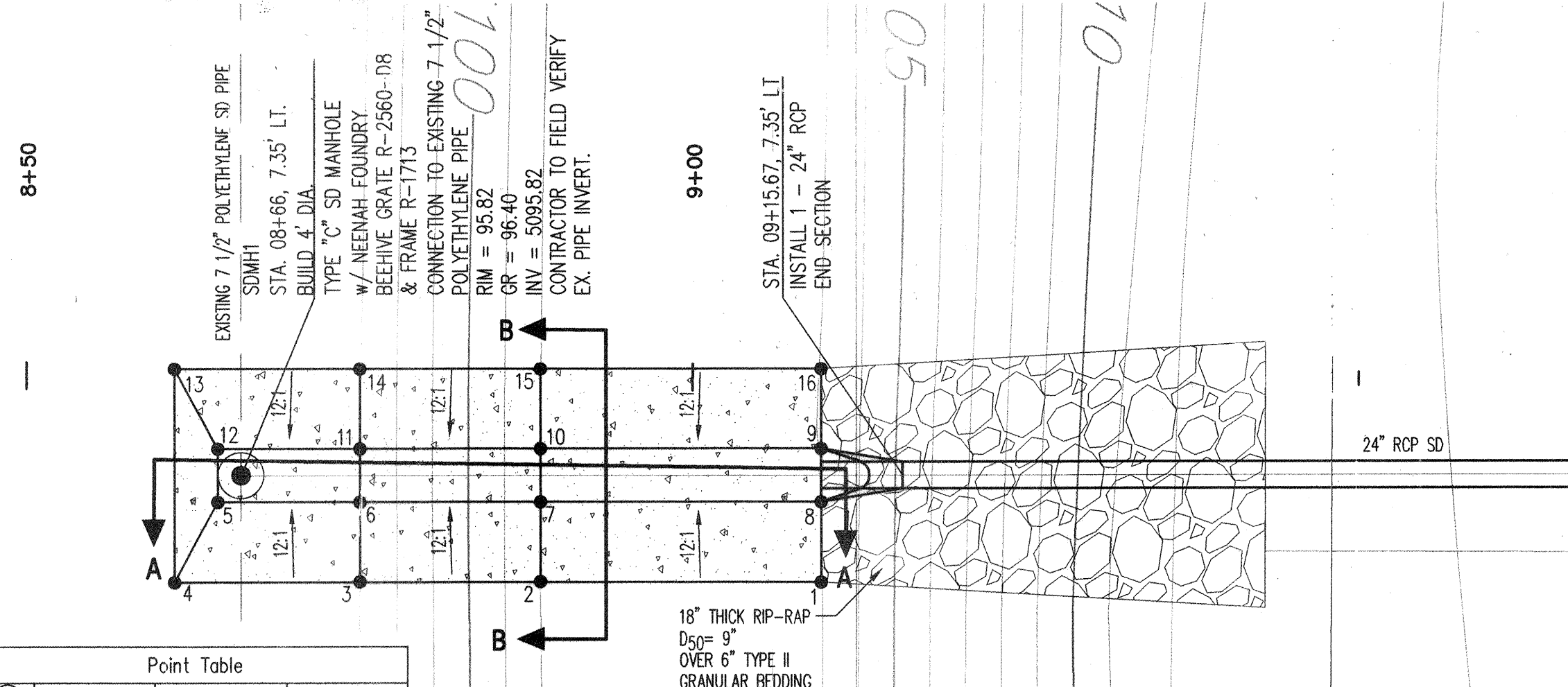
### SURVEYORS CERTIFICATION

I, Russ P. Hugg, New Mexico Professional Surveyor Number 9750, Hereby Certify that the as-built information shown hereon is the result of an actual field survey performed by me or under my direct supervision and that the same is true and correct to the best of my knowledge and belief.

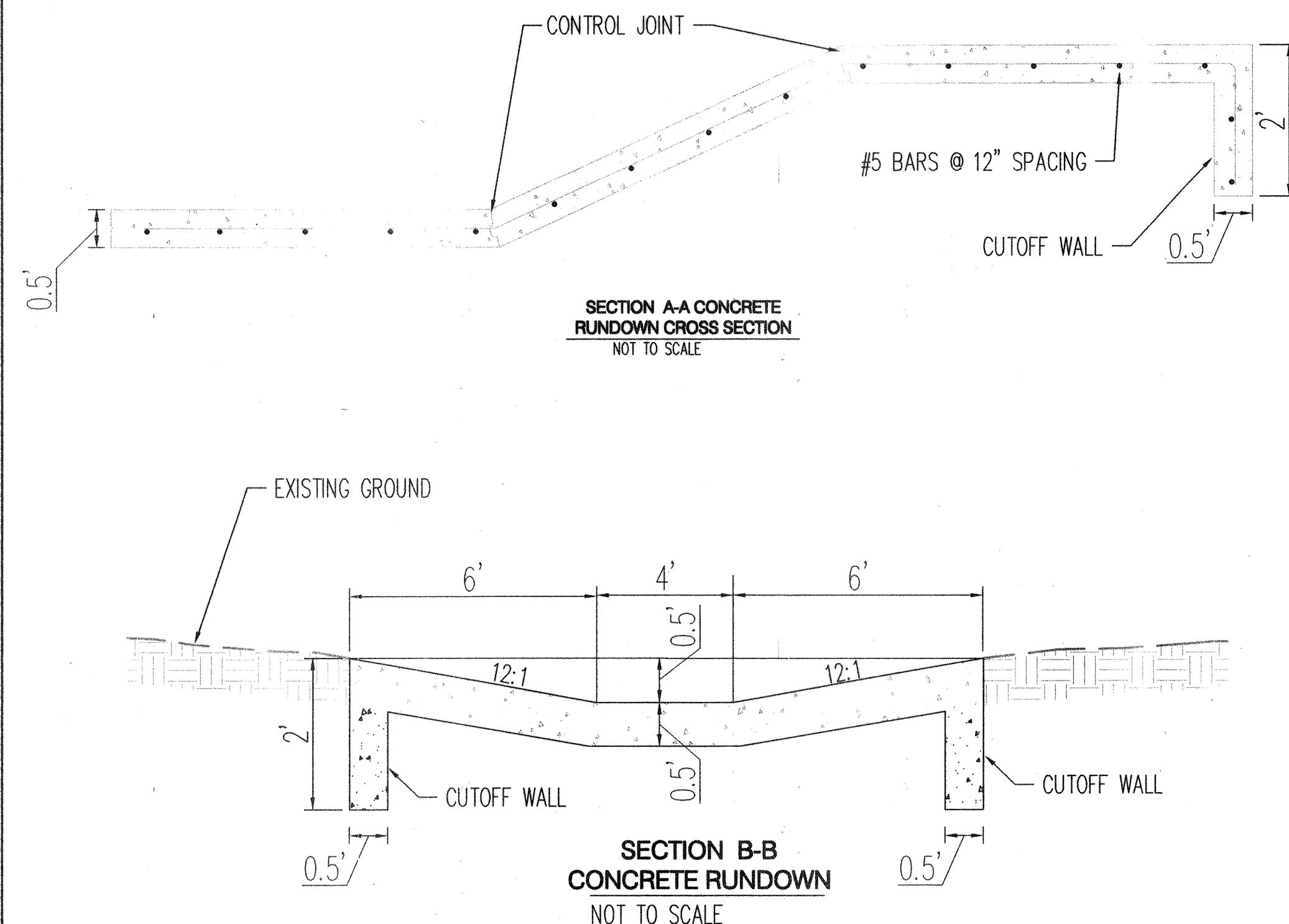
Russ P. Hugg  
NMPS No. 9750  
Date: 10/06/05



| Point Table |           |            |
|-------------|-----------|------------|
| NO.         | EASTING   | NORTHING   |
| 1           | 365567.01 | 1510898.07 |
| 2           | 365583.34 | 1510884.74 |
| 3           | 365593.86 | 1510876.22 |
| 4           | 365604.70 | 1510867.47 |
| 5           | 365598.39 | 1510864.86 |
| 6           | 365590.10 | 1510871.59 |
| 7           | 365579.59 | 1510880.12 |
| 8           | 365563.23 | 1510893.41 |
| 9           | 365560.71 | 1510890.30 |
| 10          | 365577.07 | 1510877.02 |
| 11          | 365587.58 | 1510868.48 |
| 12          | 365595.87 | 1510861.76 |
| 13          | 365594.61 | 1510855.05 |
| 14          | 365583.80 | 1510863.83 |
| 15          | 365573.29 | 1510872.36 |
| 16          | 365556.92 | 1510885.64 |



ELEVATIONS ARE IN NGVD 29



- LEGEND**
- DOUBLE WATER METER
  - SINGLE WATER METER
  - WATER LINE SHUTOFF VALVE
  - WATER LINE TEE
  - SAS LATERAL
  - SAS MANHOLE
  - STORM DRAIN MANHOLE
  - STORM DRAIN INLET
  - PROPOSED FIRE HYDRANT
  - EXISTING WATER VALVE
  - PROPOSED STREET LIGHT

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 Courtyard | 7800 Jefferson St NE Albuquerque, NM 87109-4386  
 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**

**MESA RIDGE SUBDIVISION**  
**UTILITY PLAN AND PROFILE**  
**OFFSITE SAS**

| Design Review Committee  | City Engineer Approval | Mo./Day/Yr. | Mo./Day/Yr. |
|--------------------------|------------------------|-------------|-------------|
| APPROVED<br>DEC - 5 2005 |                        |             |             |
| DESIGN REVIEW COMMITTEE  |                        |             |             |

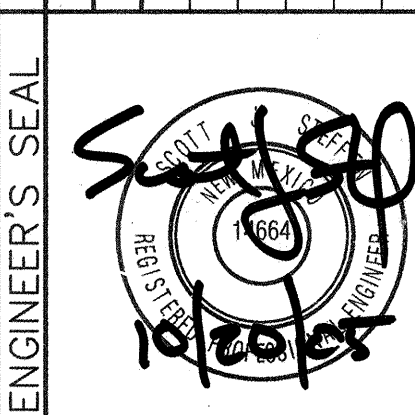
| City Project No. | Zone Map No. | Sheet | Of |
|------------------|--------------|-------|----|
| 765881           | E-11-Z       | 13    | 14 |

- GENERAL NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
  - ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
  - GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
  - CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
  - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
  - CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
  - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
  - ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
  - MH RIMS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
  - SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
  - STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRATE AT FACE OF CURB.
  - FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
  - ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS.
  - FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
  - ALL WATER SERVICE LINES ARE TO BE 3/4".

| AS-BUILT INFORMATION |             | DATE     |
|----------------------|-------------|----------|
| CONTRACTOR           | SAS         | 10/06/05 |
| WORKED BY            | Sam Terrell | 10/06/05 |
| INSPECTED BY         | SEC         | 10/06/05 |
| APPROVED BY          | Sam Terrell | 10/06/05 |
| DESIGNED BY          | Sam Terrell | 10/06/05 |
| DRAWN BY             | Sam Terrell | 10/06/05 |
| CHECKED BY           | Sam Terrell | 10/06/05 |
| RECORDED BY          | Sam Terrell | 10/06/05 |
| NO.                  |             |          |

| BENCH MARKS  |             | DATE     |
|--------------|-------------|----------|
| CONTRACTOR   | SAS         | 10/06/05 |
| WORKED BY    | Sam Terrell | 10/06/05 |
| INSPECTED BY | SEC         | 10/06/05 |
| APPROVED BY  | Sam Terrell | 10/06/05 |
| DESIGNED BY  | Sam Terrell | 10/06/05 |
| DRAWN BY     | Sam Terrell | 10/06/05 |
| CHECKED BY   | Sam Terrell | 10/06/05 |
| RECORDED BY  | Sam Terrell | 10/06/05 |
| NO.          |             |          |

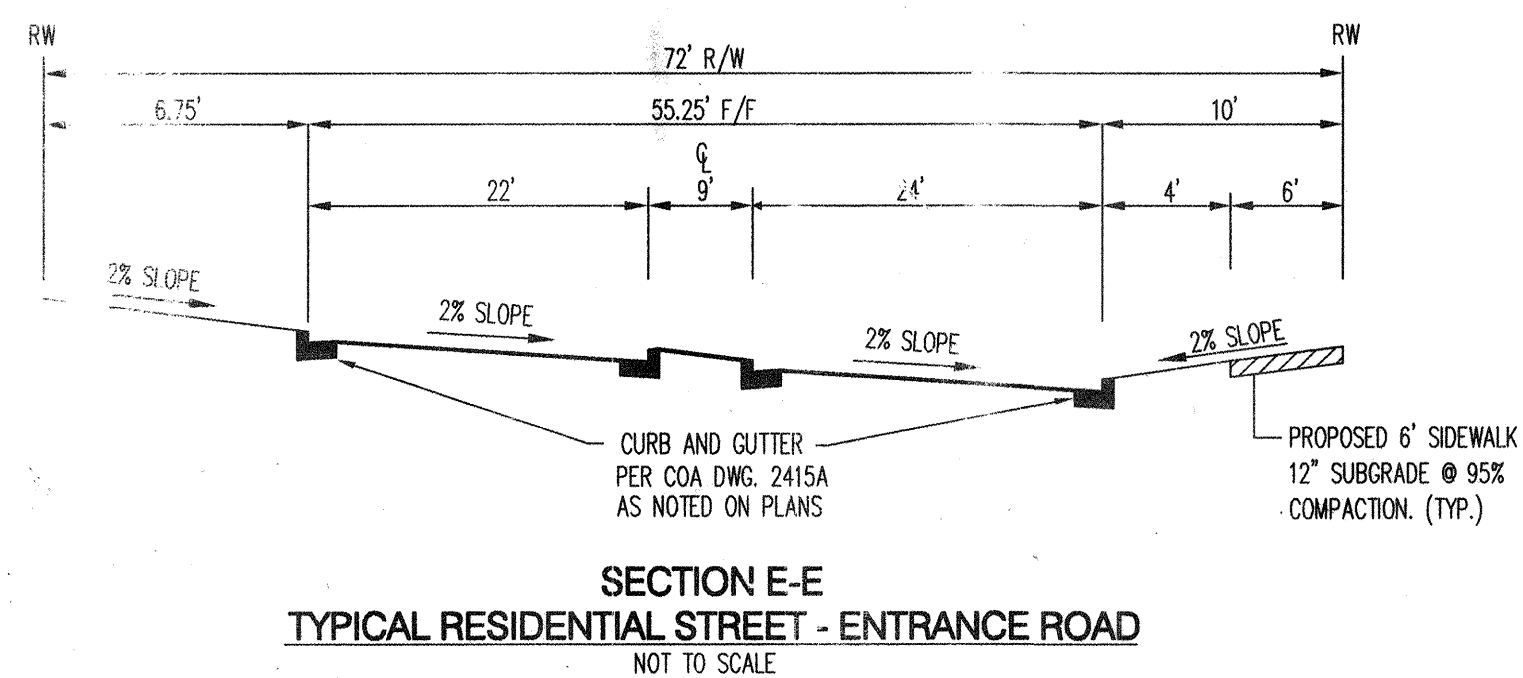
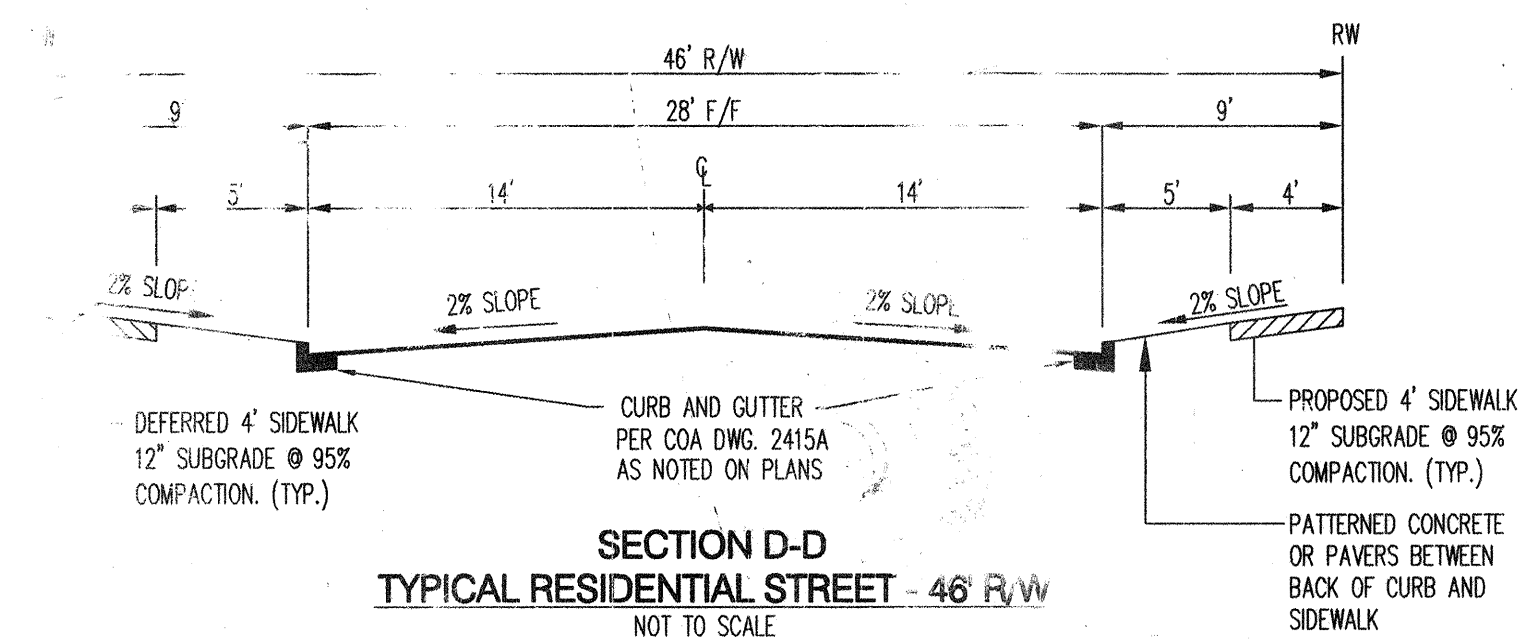
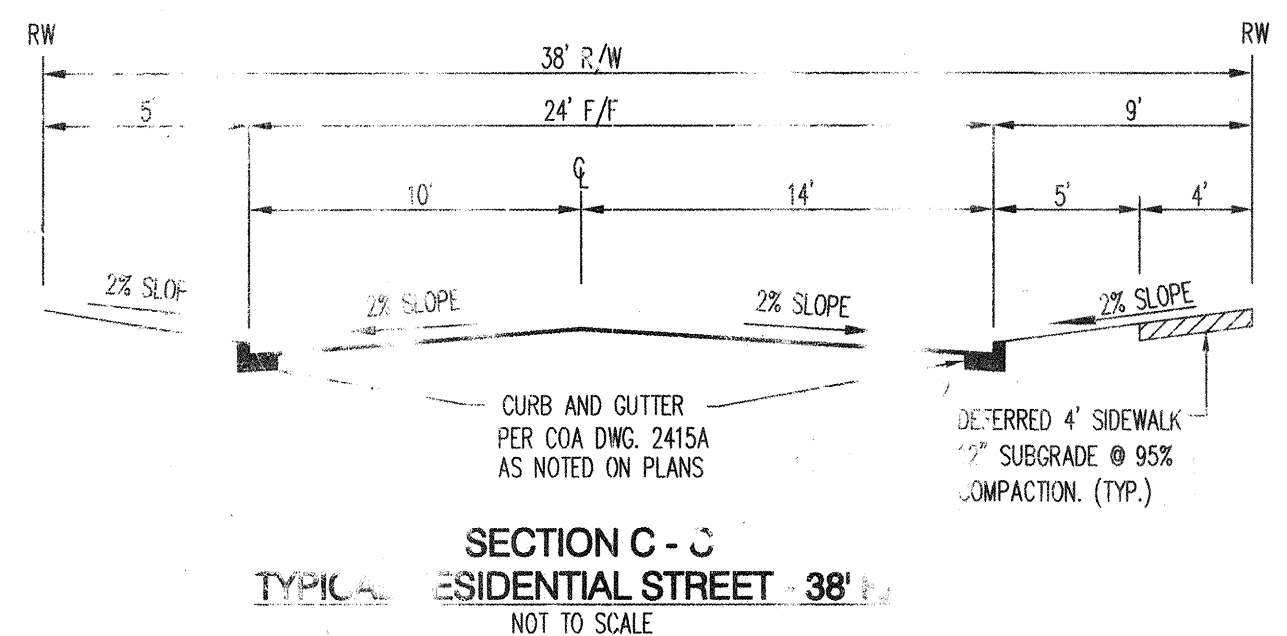
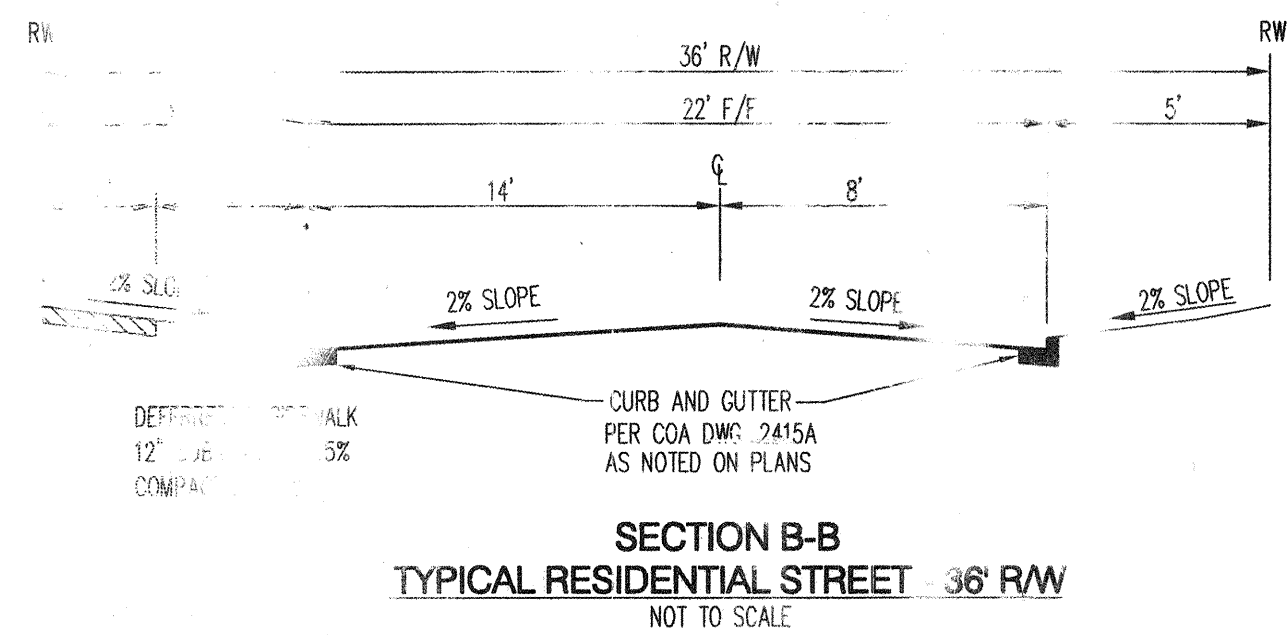
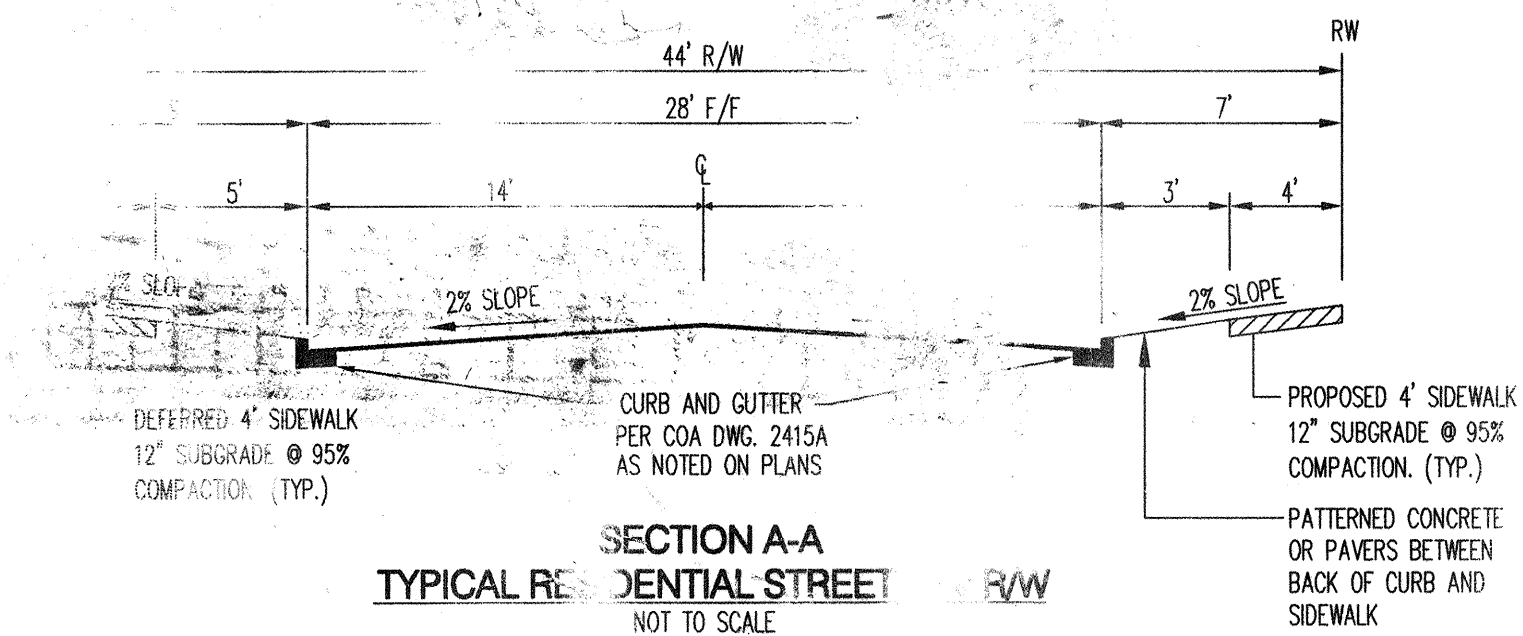
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|--------------------|-------------|----------|
| CONTRACTOR         | SAS         | 10/06/05 |
| WORKED BY          | Sam Terrell | 10/06/05 |
| INSPECTED BY       | SEC         | 10/06/05 |
| APPROVED BY        | Sam Terrell | 10/06/05 |
| DESIGNED BY        | Sam Terrell | 10/06/05 |
| DRAWN BY           | Sam Terrell | 10/06/05 |
| CHECKED BY         | Sam Terrell | 10/06/05 |
| RECORDED BY        | Sam Terrell | 10/06/05 |
| NO.                |             |          |



| ENGINEER'S SEAL |             | DATE     |
|-----------------|-------------|----------|
| CONTRACTOR      | SAS         | 10/06/05 |
| WORKED BY       | Sam Terrell | 10/06/05 |
| INSPECTED BY    | SEC         | 10/06/05 |
| APPROVED BY     | Sam Terrell | 10/06/05 |
| DESIGNED BY     | Sam Terrell | 10/06/05 |
| DRAWN BY        | Sam Terrell | 10/06/05 |
| CHECKED BY      | Sam Terrell | 10/06/05 |
| RECORDED BY     | Sam Terrell | 10/06/05 |
| NO.             |             |          |

| REVISIONS    |             | DATE     |
|--------------|-------------|----------|
| CONTRACTOR   | SAS         | 10/06/05 |
| WORKED BY    | Sam Terrell | 10/06/05 |
| INSPECTED BY | SEC         | 10/06/05 |
| APPROVED BY  | Sam Terrell | 10/06/05 |
| DESIGNED BY  | Sam Terrell | 10/06/05 |
| DRAWN BY     | Sam Terrell | 10/06/05 |
| CHECKED BY   | Sam Terrell | 10/06/05 |
| RECORDED BY  | Sam Terrell | 10/06/05 |
| NO.          |             |          |

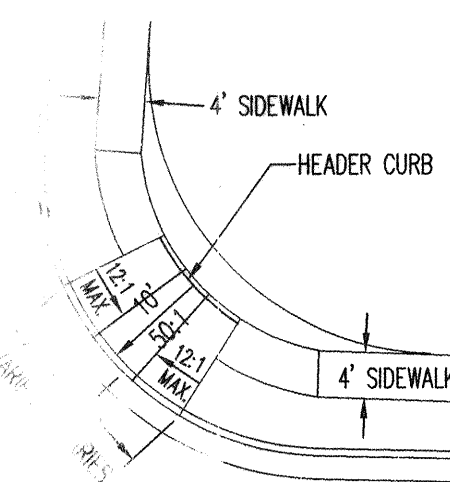
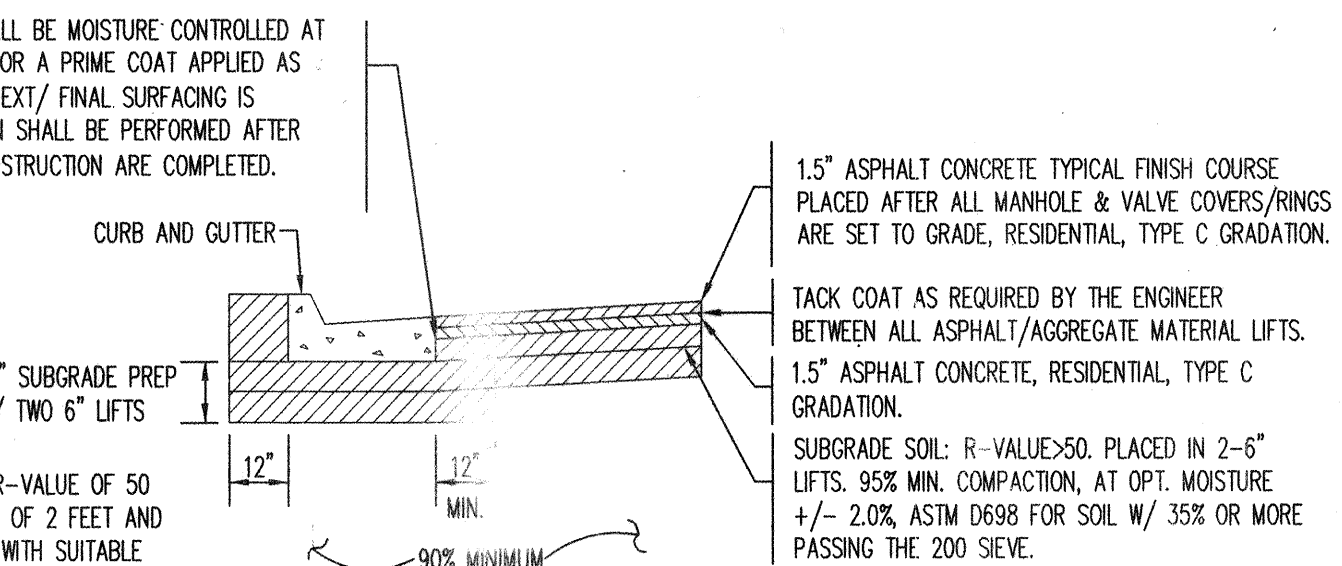




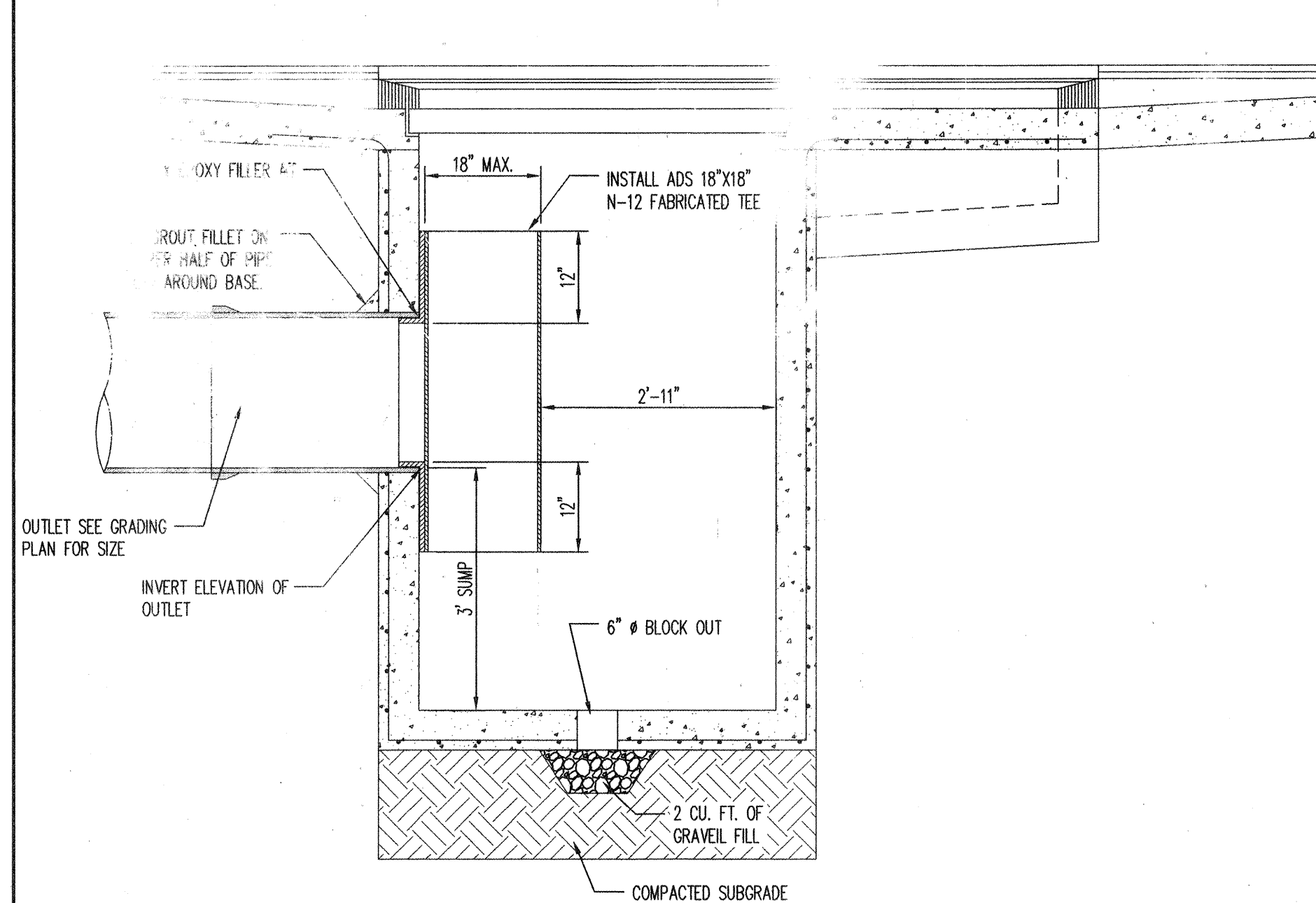
FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.

NOTE:  
SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCORDING TO THE EXISTING R-VALUE PER COA STANDARD SPECS.

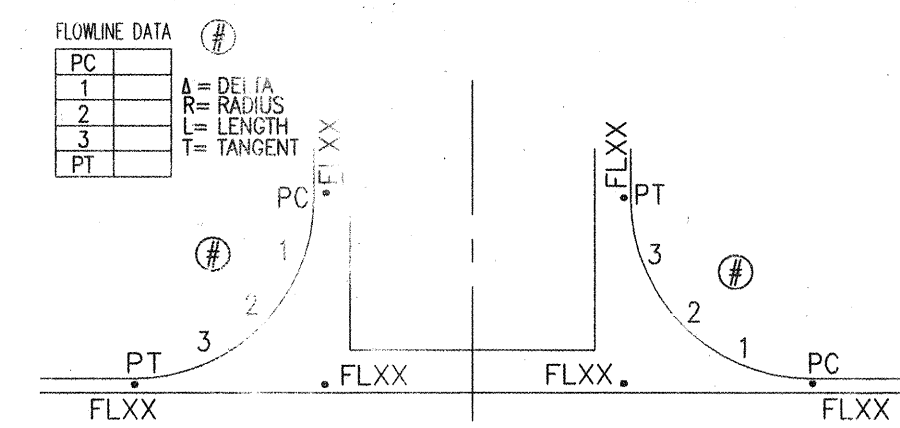
RESIDENTIAL PAVEMENT SECTION - 3" ASPHALT  
AS PER COA STD. DWG. 2405A  
NOT TO SCALE



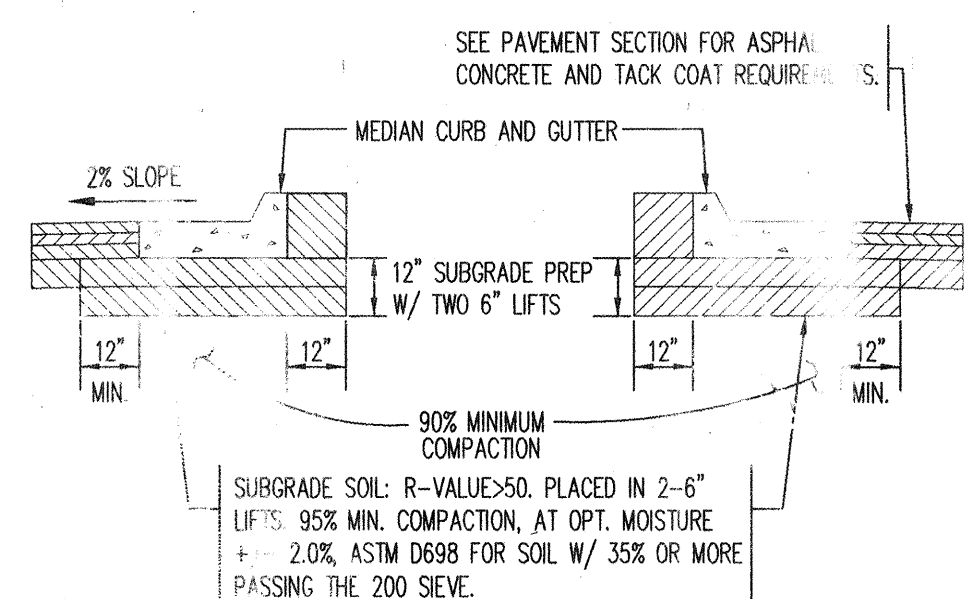
WHEELCHAIR RAMP DETAIL  
SEE M. COA STD. DWG. 2441 CASE II  
NOT TO SCALE



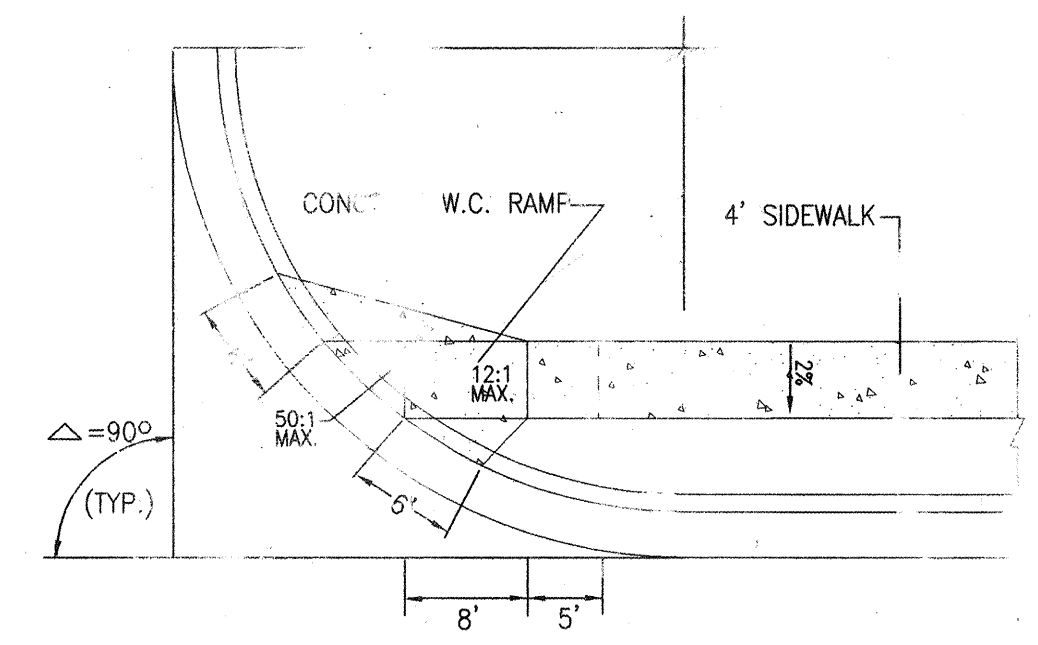
TYPICAL WATER QUALITY INLET DETAIL  
NOT TO SCALE



TYPICAL INTERSECTION RETURNS DETAIL  
NOT TO SCALE



MEDIAN CURB AND GUTTER  
NOT TO SCALE



UNI-DIRECTIONAL HANDICAP RAMP DETAIL 'B'  
N.T.S.

|   |  |   |  |
|---|--|---|--|
| <b>Bohannon &amp; Huston</b><br>Courtyard   7600 Jefferson St NE Albuquerque, NM 87109-4336<br>ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES |  | <b>CITY OF ALBUQUERQUE</b><br>PUBLIC WORKS DEPARTMENT |  |
| Design Review Committee<br>APPROVED<br>DEC - 5 2008<br>DESIGN REVIEW COMMITTEE  |  | City Engineer Approval<br>Mo./Day/Yr.                 |  |
| City Project No. 765881   |  | Zone Map No. E-11                                     |  |
| Sheet 14  |  | Of 14   |  |