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20-11467.81-07

SCANNED BY  
PLANNING

# CONSTRUCTION PLANS FOR TIERRA MORENA SUBDIVISION

PAVING AND UTILITY IMPROVEMENTS

CITY OF ALBUQUERQUE  
NEW MEXICO  
SEPTEMBER 2004

## INDEX TO DRAWINGS

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9. TIERRA MORENA PLACE (UTILITY IMPROVEMENTS)

APPROVED AS RECORD DRAWINGS  
DESIGN REVIEW SECTION  
CITY CONSTRUCTION ENGINEER  
*R. D. Smith*  
DATE: 3-25-07

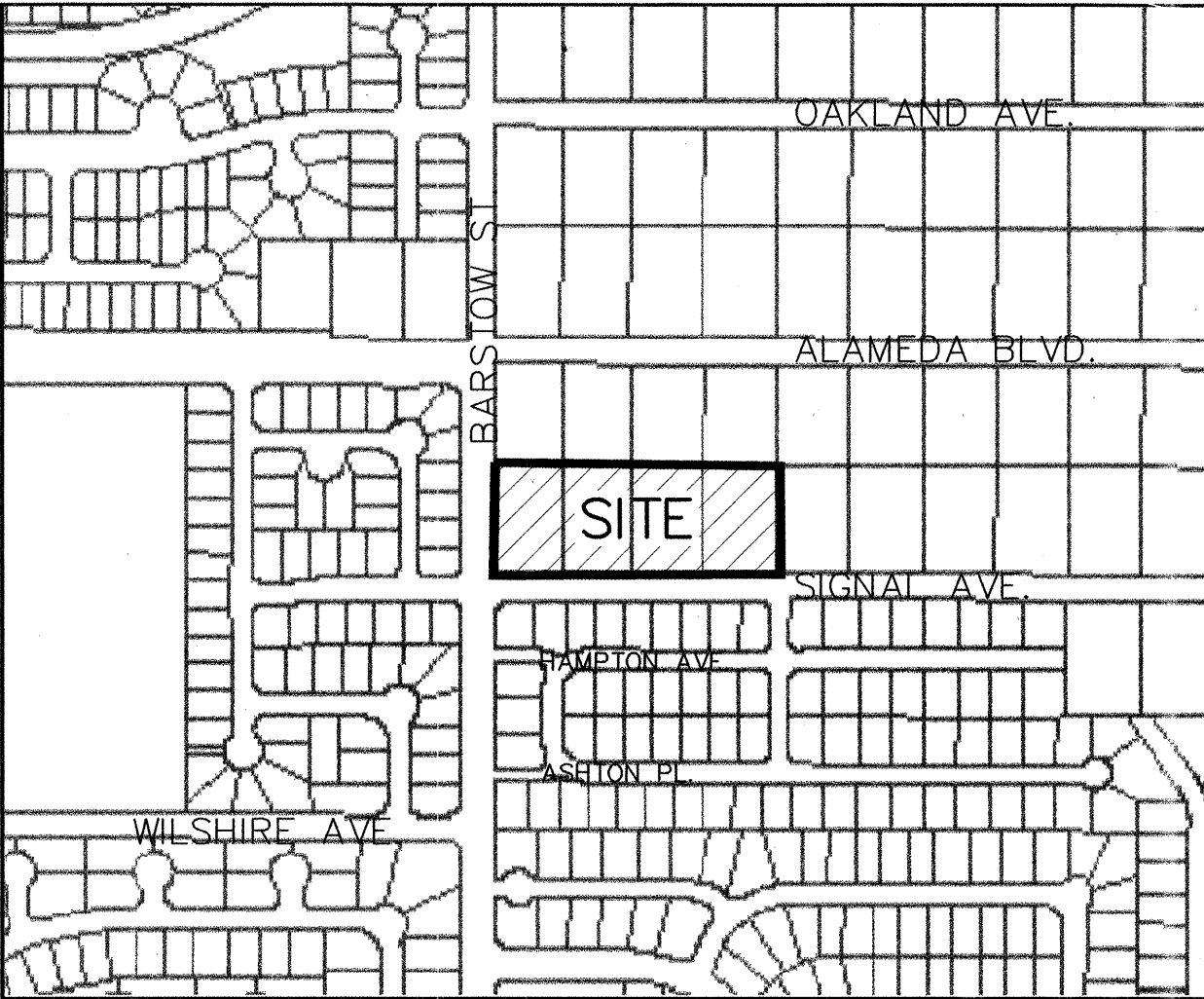
### RECORD DRAWING

I, SHAHAB BIAZAR, OF THE FIRM OF ADVANCED ENGINEERING AND CONSULTING, LLC, 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 LEONARD MARTINEZ OF ADVANCED ENGINEERING, NMPS NUMBER 9800.

SHAHAB BIAZAR, PE  
NMPE NO. 13479  
DATE: 9/13/04  
Advanced Eng. & Cons., LLC

### TRAFFIC CONTROL PLAN

USE COA TRAFFIC CONTROL PLAN.  
USE TYPICAL RIGHT LANE CLOSURE  
FOR CONSTRUCTION.



VICINITY MAP ZONE ATLAS C-20-Z

### N.T.S.

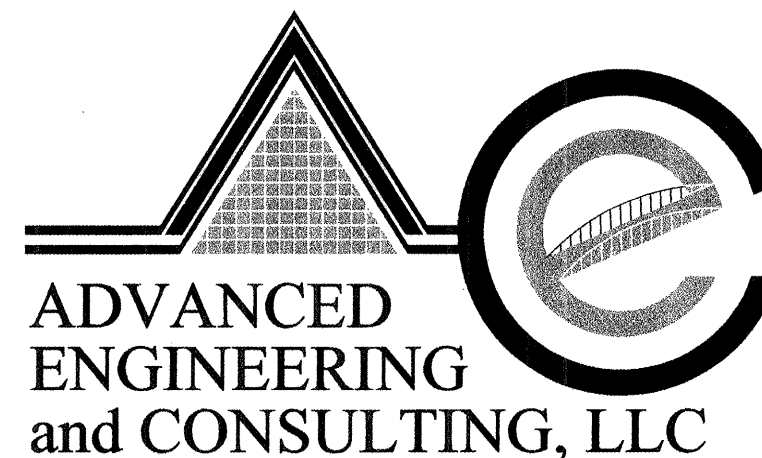
#### NOTICE TO CONTRACTORS

1. 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 (UPDATE #7).
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
3. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
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 OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO(2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER 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. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNER'S EXPENSE.
8. 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.
9. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

#### 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.
- ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE DESIGN ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSIONED 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.

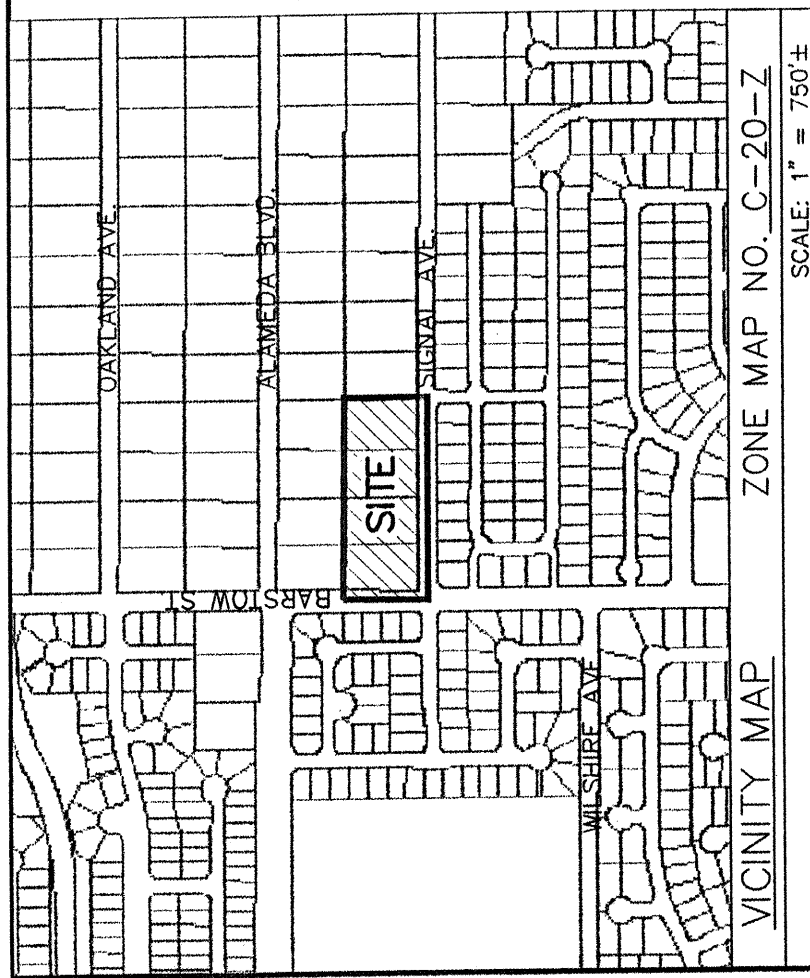
DRB CASE NUMBER 1001090



4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

| REV                         | SHEETS | CITY ENGINEER        | DATE | USER DEPT.           | DATE | USER DEPT. | DATE |
|-----------------------------|--------|----------------------|------|----------------------|------|------------|------|
| ENGINEERS STAMP & SIGNATURE |        | APPROVALS            |      | ENGINEER             |      | DATE       |      |
|                             |        | DRC Chairman         |      | <i>Shahab Biazar</i> |      | 11-2-04    |      |
|                             |        | Transportation       |      | <i>Shahab Biazar</i> |      | 9/13/04    |      |
|                             |        | Water/Wastewater     |      | <i>Shahab Biazar</i> |      | 9/13/04    |      |
|                             |        | Hydrology            |      | <i>Shahab Biazar</i> |      | 9/14/04    |      |
|                             |        | C.I.P.               |      | <i>Shahab Biazar</i> |      | 9/14/04    |      |
| Constr. Coord.              |        | <i>Shahab Biazar</i> |      | 11-2-04              |      |            |      |
| CITY PROJECT NO.            |        |                      |      | SHEET                |      |            |      |
| 745781                      |        |                      |      | 1 OF 9               |      |            |      |

DRAWING: 200106-TITLE DRAWN BY: SHH DATE: 09-01-04



DISCLOSURE STATEMENT:  
THE PURPOSE OF THIS PLAT IS TO REPLAT THE EXISTING 4 LOTS (29, 30, 31 AND 32) INTO 20 NEW RESIDENTIAL LOTS. GRANT NEW EASEMENTS AS SHOWN AND DEDICATE NEW RIGHT-OF-WAY AS SHOWN.

- NOTES:
- 1: TOTAL AREA OF PROPERTY.....4.0489 ACRES
  - 2: NUMBER OF EXISTING TRACT LOTS.....20 LOTS
  - 3: NUMBER OF NEW LOTS CREATED.....20 LOTS
  - 4: TOTAL LOT AREA.....0.1042 ACRES
  - 5: MILES OF FULL STREETS CREATED.....0.1698 MILES
  - 6: AREA DEDICATED TO CITY OF ALBUQUERQUE.....0.6776 ACRES
  - 7: DATE OF SURVEY.....APRIL 2004

- GENERAL NOTES:
- 1: UNLESS NOTED, NO.4 REBAR WITH CAP STAMPED P.S. #600 WERE SET IN ALL PROPERTY CORNERS.
  - 2: THIS PLAT SHOWS EASEMENTS OF RECORD.
  - 3: TALOS LOG LIVING IS THE BEARING BETWEEN ALBUQUERQUE AND BERNALILLO COUNTIES.
  - 4: BASTOW STATIONS 7+019 AND 6+021
  - 5: BEARINGS ARE GRID. DISTANCES ARE GROUND.
  - 6: THIS PROPERTY LIES WITHIN PROJECTED SECTION 17, TOWNSHIP 11 NORTH, RANGE 4 EAST, ELENA GALLEGOS GRANT, BERNALILLO COUNTY, NEW MEXICO.
  - 7: MISC. DATA: ZONING IS SU-2 FOR O-1 AND R-1.
  - 8: CITY OF ALBUQUERQUE WATER AND SANITARY SEWER SERVICES TO THESE LOTS MUST BE VERIFIED AND COORDINATE WITH THE WATER RESOURCES DEPARTMENT, CITY OF ALBUQUERQUE.

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON  
UPC # \_\_\_\_\_  
PROPERTY OWNER OF RECORD \_\_\_\_\_  
BERNALILLO CO. TREASURER'S OFFICE \_\_\_\_\_

PLAT OF  
TIERRA MORENA SUBDIVISION  
SITUATE WITHIN THE ELENA GALLEGOS GRANT  
PROJECTED SECTION 17, T. 11 N., R. 4 E., NMPM  
CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO  
MAY, 2004

PROJECT NO. \_\_\_\_\_  
APPLICATION NO. \_\_\_\_\_  
UTILITY APPROVALS:

|                          |         |
|--------------------------|---------|
| PNM ELECTRIC SERVICES    | DATE    |
| PNM GAS SERVICES         | DATE    |
| QWEST TELECOMMUNICATIONS | DATE    |
| COMCAST                  | DATE    |
| NEW MEXICO UTILITIES     | DATE    |
| APPROVALS:               |         |
| <i>[Signature]</i>       | 5-28-04 |
| CITY SURVEYOR            | DATE    |

|                                                         |      |
|---------------------------------------------------------|------|
| TRAFFIC ENGINEERING, TRANSPORTATION DIVISION            | DATE |
| UTILITIES DEVELOPMENT                                   | DATE |
| PARKS AND RECREATION DEPARTMENT                         | DATE |
| ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY | DATE |
| CITY ENGINEER                                           | DATE |
| DRB CHAIRPERSON, PLANNING DEPARTMENT                    | DATE |

SURVEYORS' CERTIFICATE:

I, LEONARD MARTINEZ, A DULY PROFESSIONAL LAND SURVEYOR, UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE PLAT WAS PREPARED UNDER MY DIRECT SUPERVISION AND MEETS THE MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO. I HAVE REVIEWED THE PLAT AND IT CONFORMS TO THE SUBDIVISION ORDINANCE AND ALSO MEETS THE MINIMUM STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*[Signature]*  
LEONARD MARTINEZ P.S. # 38601  
STATE OF NEW MEXICO  
DATE 5-27-04

ADVANCED  
ENGINEERING  
and CONSULTING, LLC  
4416 ANAHEIM AVE. NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

DRAWING: 2004-PLAT-SUB-181 DRAWN BY: SBB DATE: 05-27-04

SHEET 1 OF 3

PLAT OF  
TIERRA MORENA SUBDIVISION  
SITUATE WITHIN THE ELENA GALLEGOS GRANT  
PROJECTED SECTION 17, T. 11 N., R. 4 E., NMPM  
CITY OF ALBUQUERQUE  
BERNALILLO COUNTY, NEW MEXICO  
MAY, 2004

EASEMENTS:

THIS PLAT SHOWS EXISTING RECORDED AND APPARENT EASEMENTS AS NOTED.

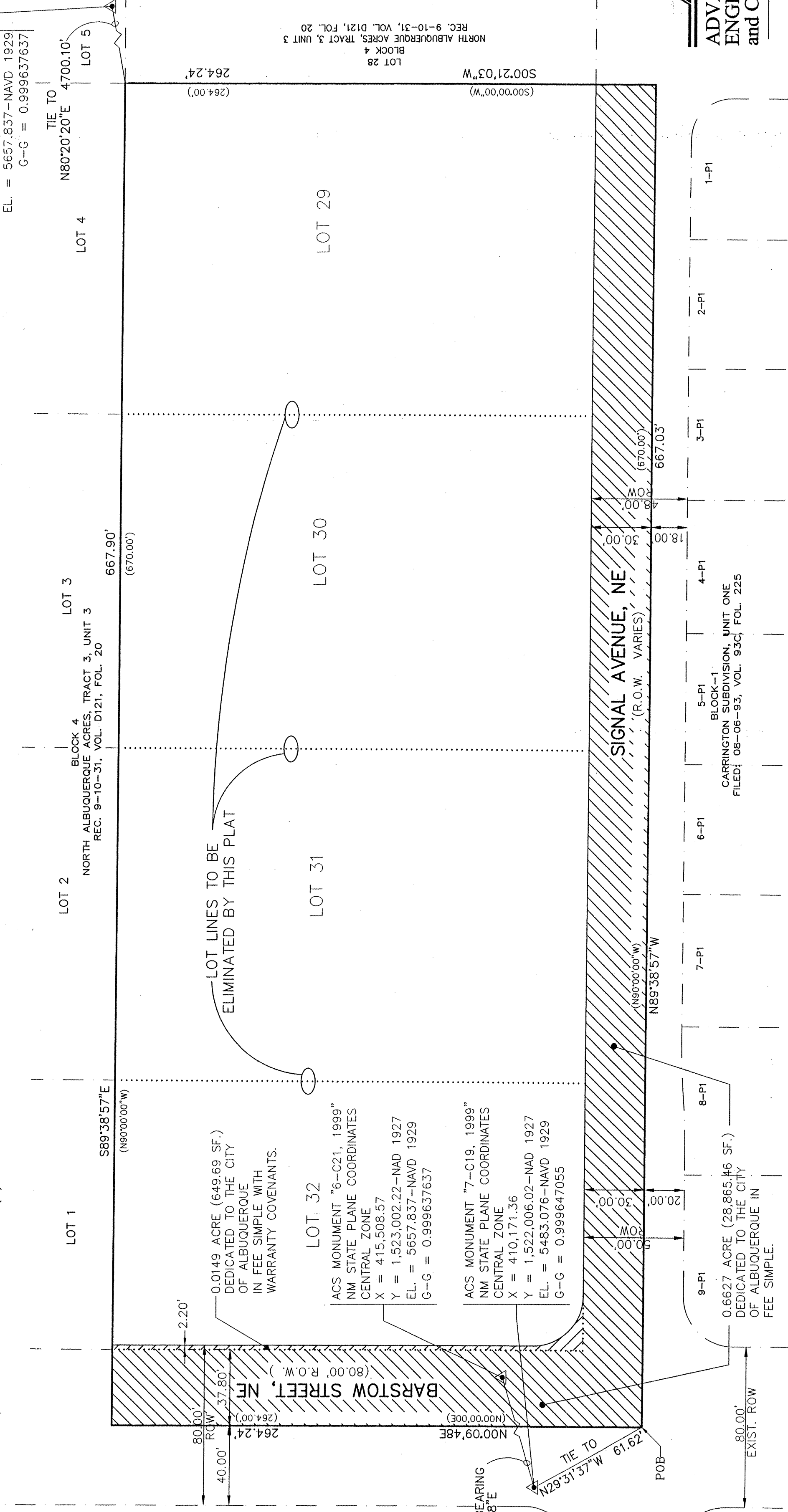
PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE GRANTED FOR THE COMMON AND JOINT USE OF:

1. THE PNM ELECTRIC SERVICES FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF OVERHEAD AND UNDERGROUND ELECTRICAL LINES, TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.
2. THE PNM GAS SERVICES DIVISION FOR THE INSTALLATION, MAINTENANCE, AND SERVICES OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS SERVICE.
3. QWEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED AND AERIAL COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.
4. COMCAST CABLE COMMUNICATION, INC. FOR THE INSTALLATION, AND SERVICE OF SUCH LINES, CABLE AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE CABLE TV SERVICE.

INCLUDED IS THE RIGHT TO BUILD, REBUILD, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MAINTAIN, REPAIR, REPLACE, AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH THE RIGHT TO ACCESS TO, FROM AND THROUGH THE PLAT FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SING. POOL, ABOVE GROUND OR SUBSURFACE, HOT TUB, CONCRETE OR WOOD POOL DECKING, OR OTHER STRUCTURE SHALL BE ERRECTED ON ANY LOT WITHOUT THE WRITTEN CONSENT OF THE CITY OF ALBUQUERQUE. THE CITY OF ALBUQUERQUE OWNERS SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE CITY OF ALBUQUERQUE. THE CITY OF ALBUQUERQUE SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND EASEMENTS FROM THE CITY OF ALBUQUERQUE.

IN APPROVING THIS PLAT, THE UTILITY COMPANIES DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON. CONSEQUENTLY, THE UTILITY COMPANIES DO NOT WAIVE OR RELEASE ANY RIGHTS OR EASEMENT RIGHTS WHICH MAY HAVE BEEN GRANTED BY PRIOR PLAT, REPEAT OR OTHER DOCUMENT AND WHICH ARE NOT SHOWN ON THIS PLAT.

EASEMENTS FOR ELECTRIC TRANSFORMERS/SWITCHGEARS, AS INSTALLED, SHALL EXTEND TEN FEET (10') IN FRONT OF TRANSFORMER/SWITCHGEAR DOORS AND FIVE FEET (5') ON EACH SIDE.



PLAT OF

TIERRA MORENA SUBDIVISION

SITUATE WITHIN THE ELENA GALLEGOS GRANT  
PROJECTED SECTION 17, T. 11 N., R. 4 E., NMPM

CITY OF ALBUQUERQUE

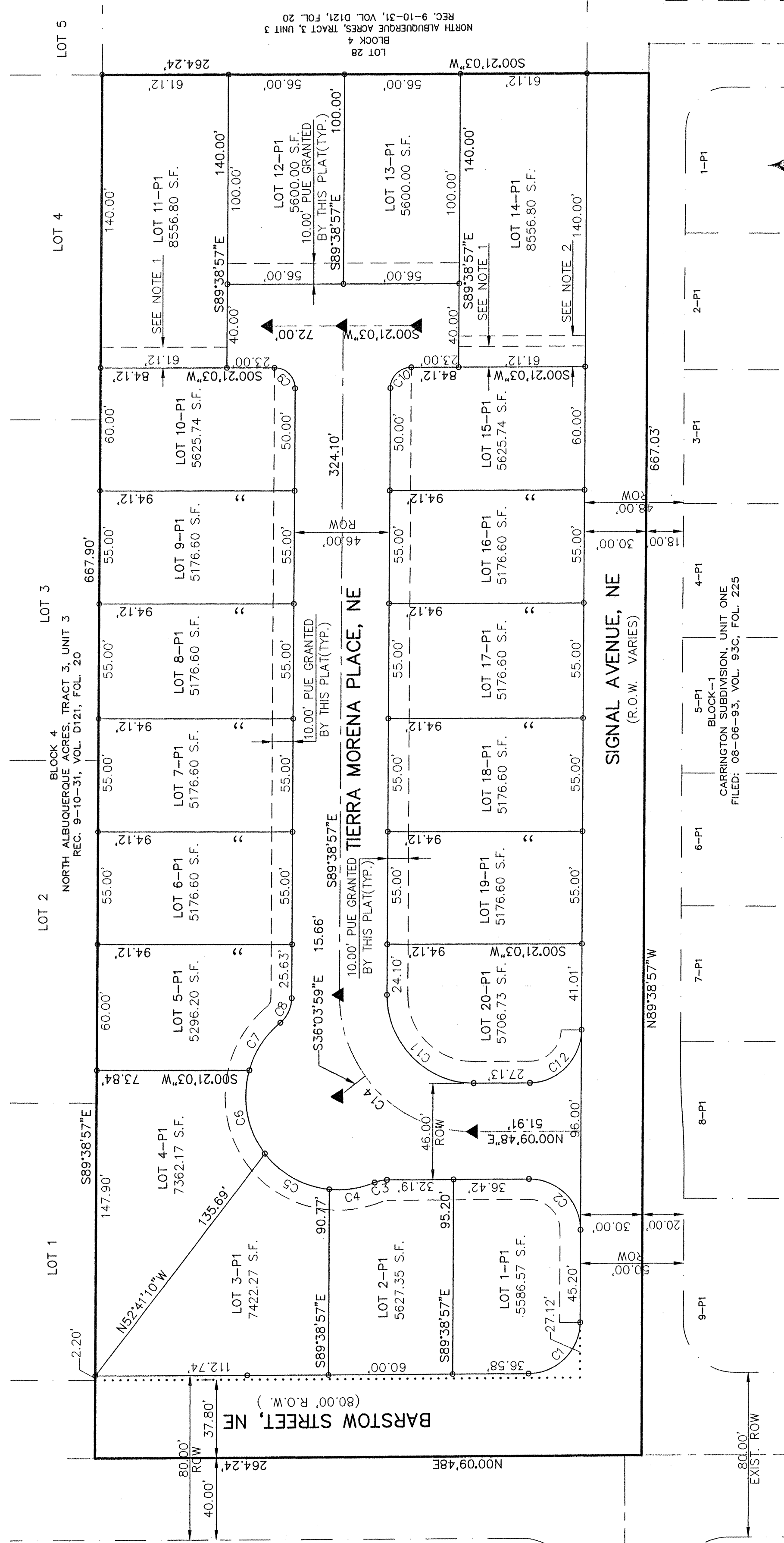
BERNALILLO COUNTY, NEW MEXICO

MAY, 2004

ABBREVIATIONS:

PUE PUBLIC UTILITY EASEMENT  
R.O.W. RIGHT-OF-WAY  
S.F. SQUARE FOOT  
N.E. NORTH EAST  
AVE. AVENUE  
FND. FOUND

| CURVE TABLE |        |        |         |       | DELTA     |
|-------------|--------|--------|---------|-------|-----------|
| CURVE       | LENGTH | RADIUS | TANGENT | CHORD |           |
| C1          | 39.19  | 25.00  | 24.92   | 35.30 | 89°48'45" |
| C2          | 39.35  | 25.00  | 25.08   | 35.41 | 90°11'15" |
| C3          | 6.06   | 15.00  | 3.07    | 6.02  | 23°08'19" |
| C4          | 40.82  | 45.00  | 21.94   | 39.44 | 51°58'43" |
| C5          | 28.62  | 45.00  | 14.81   | 28.14 | 36°26'35" |
| C6          | 33.37  | 45.00  | 17.49   | 32.61 | 42°29'07" |
| C7          | 25.51  | 45.00  | 13.11   | 25.17 | 32°29'11" |
| C8          | 13.24  | 15.00  | 7.09    | 12.82 | 50°35'11" |
| C9          | 15.71  | 10.00  | 10.00   | 14.14 | 90°00'00" |
| C10         | 15.71  | 10.00  | 10.00   | 14.14 | 90°00'00" |
| C11         | 66.11  | 42.00  | 42.14   | 59.49 | 90°11'15" |
| C12         | 37.31  | 25.00  | 23.11   | 33.94 | 85°30'45" |
| C13         | 25.50  | 325.00 | 12.76   | 25.50 | 04°29'46" |
| C14         | 102.31 | 65.00  | 65.21   | 92.07 | 90°11'15" |



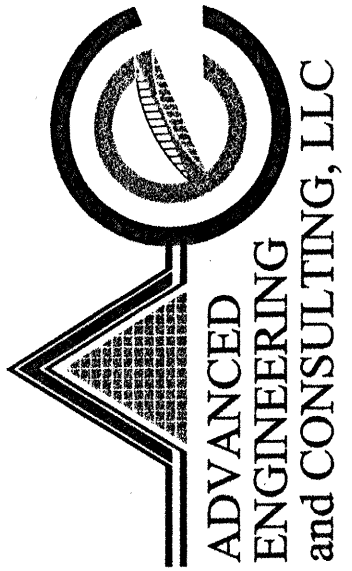
NOTE: CENTERLINE (IN LIEU OF R/W) MONUMENTATION IS TO BE INSTALLED AT ALL CENTERLINE P.C.'S, P.T.'S, ANGLE POINTS AND STREET INTERSECTION AS SHOWN HEREON. AND WILL CONSIST OF A FOUR INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENT", "DO NOT DISTURB", PLS #9801.

NOTES:  
1- 10.00 FEET PEDESTRIAN ACCESS EASEMENT GRANTED BY THIS PLAT.  
2- 15.00 FEET PUBLIC WATERLINE EASEMENT GRANTED BY THIS PLAT.

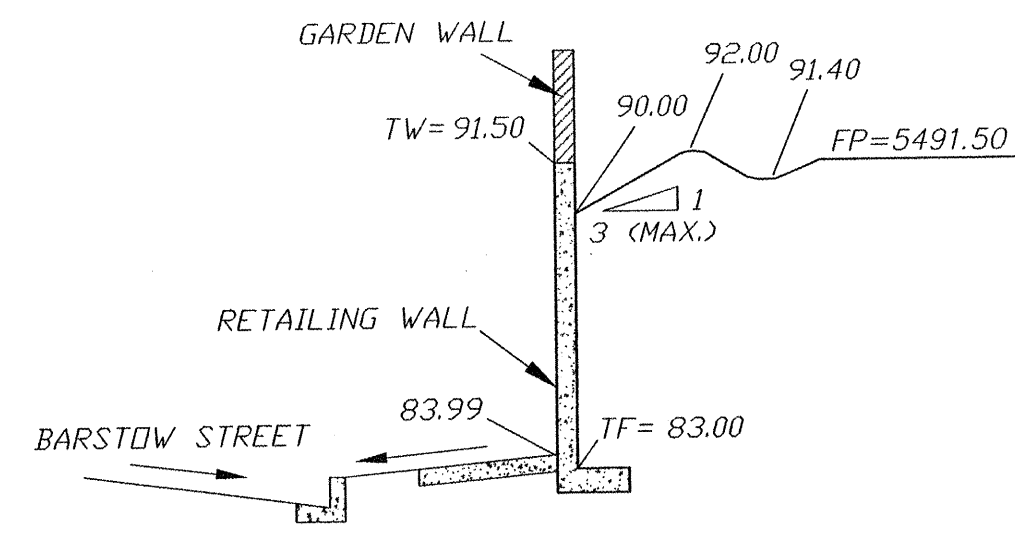
\* ALL STREETS SHOWN HEREON ARE HEREBY DEDICATED AS PUBLIC RIGHT-OF-WAY.



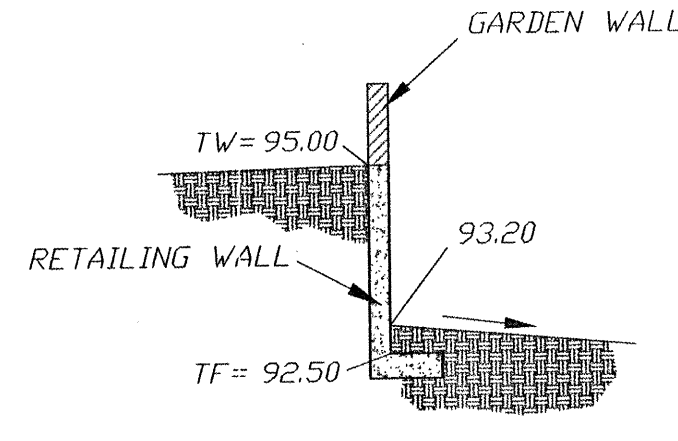
GRAPHIC SCALE  
40 20 0 40  
SCALE: 1"=40'



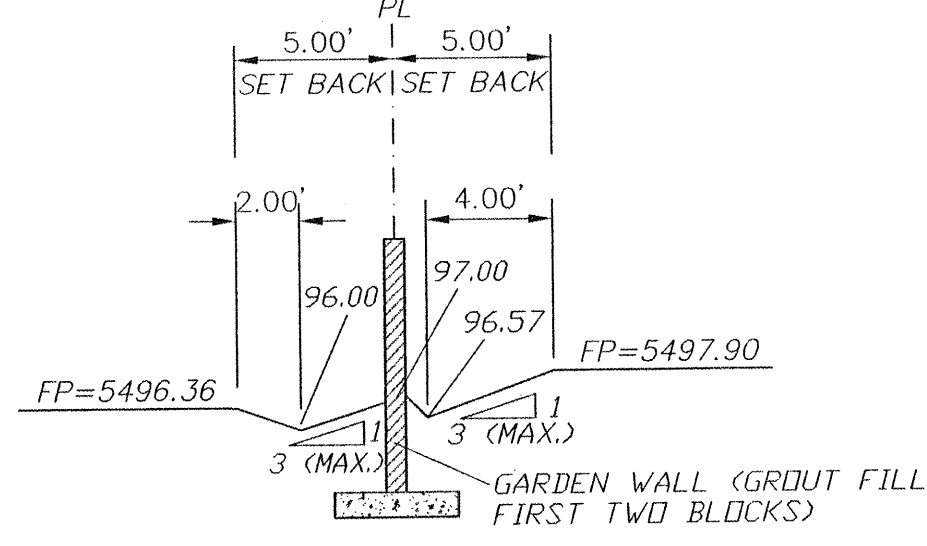
4416 AVAREDA AVE. NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570



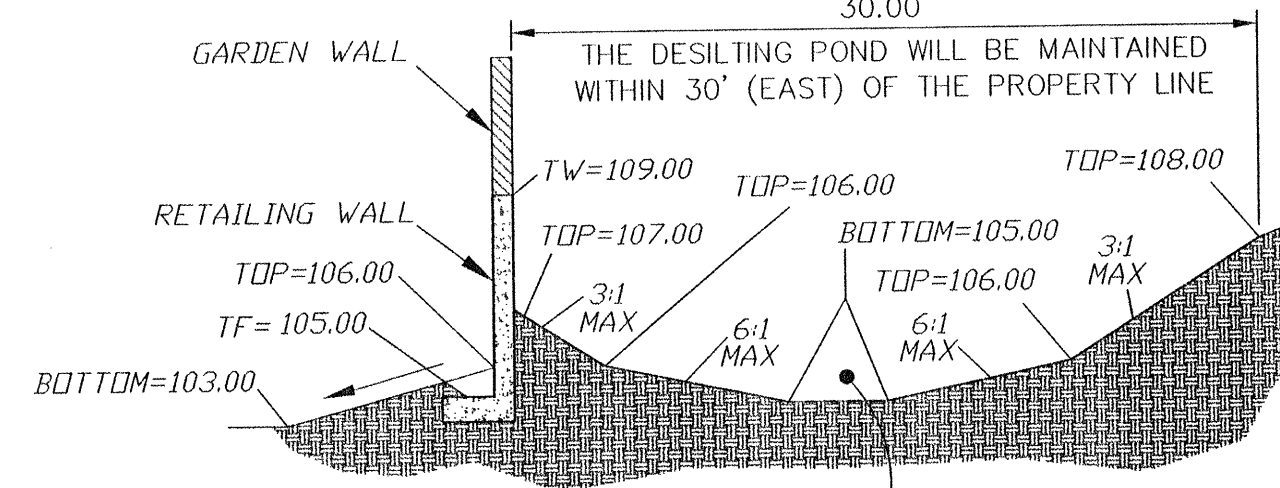
SECTION A-A  
NTS



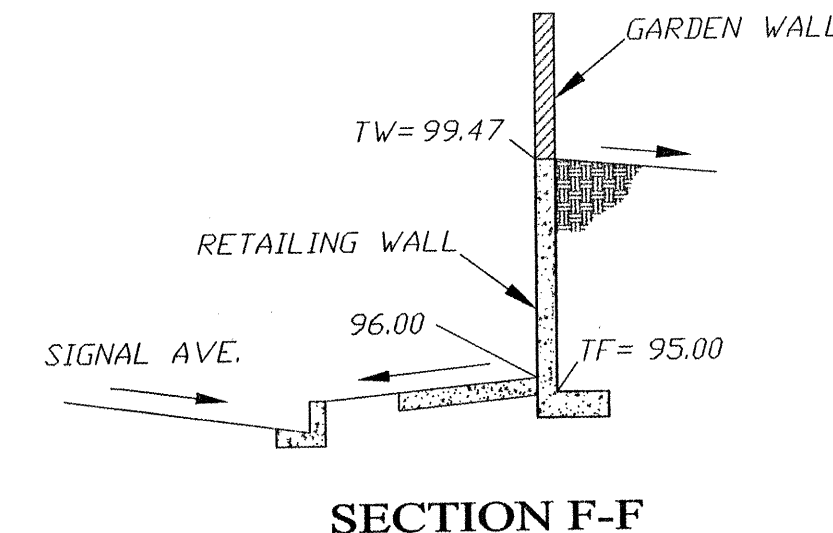
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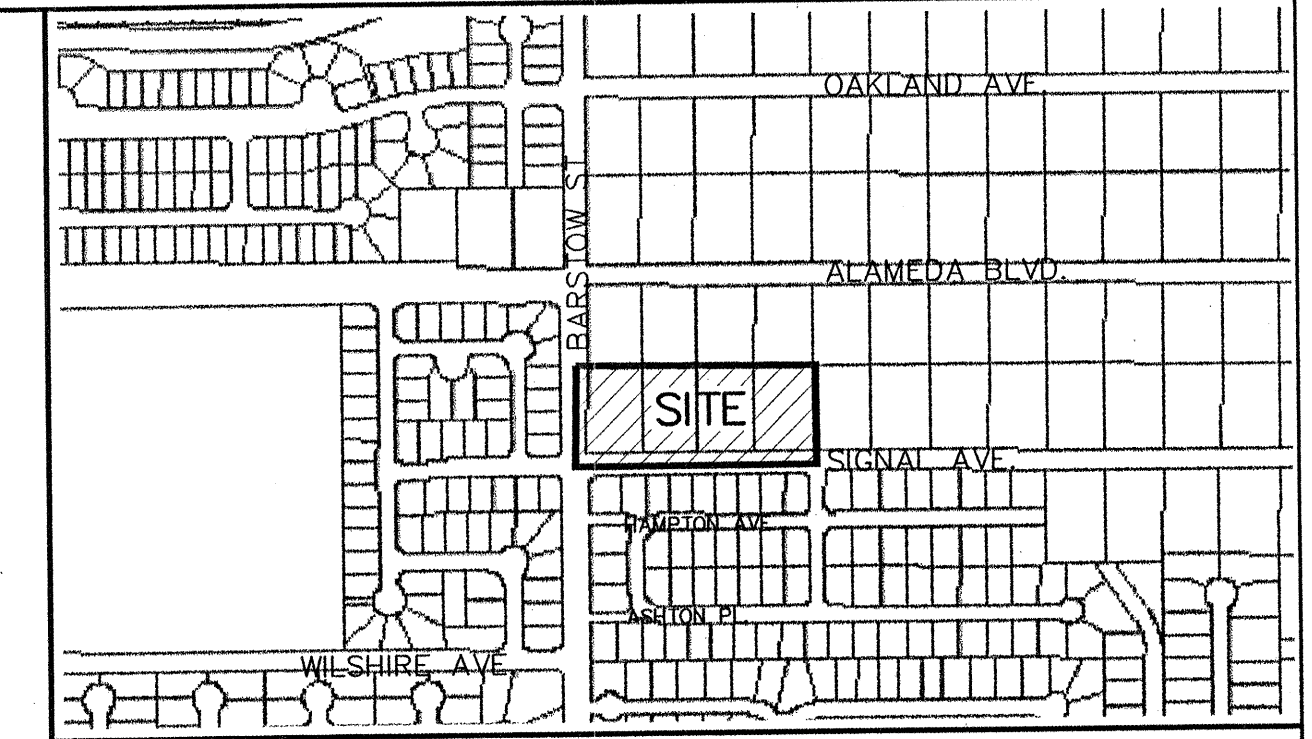
SECTION C-C  
NTS



SECTION D-D  
NTS



SECTION F-F  
NTS

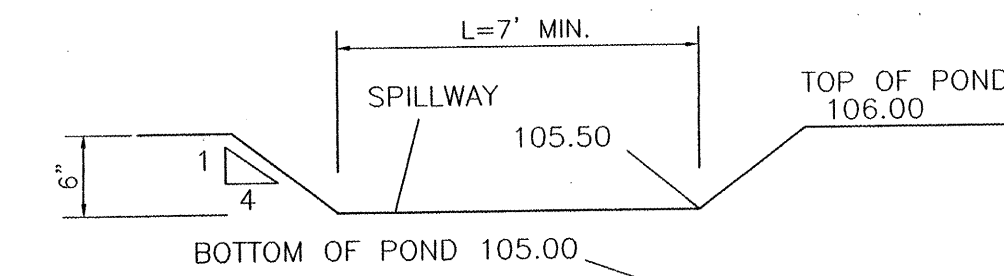
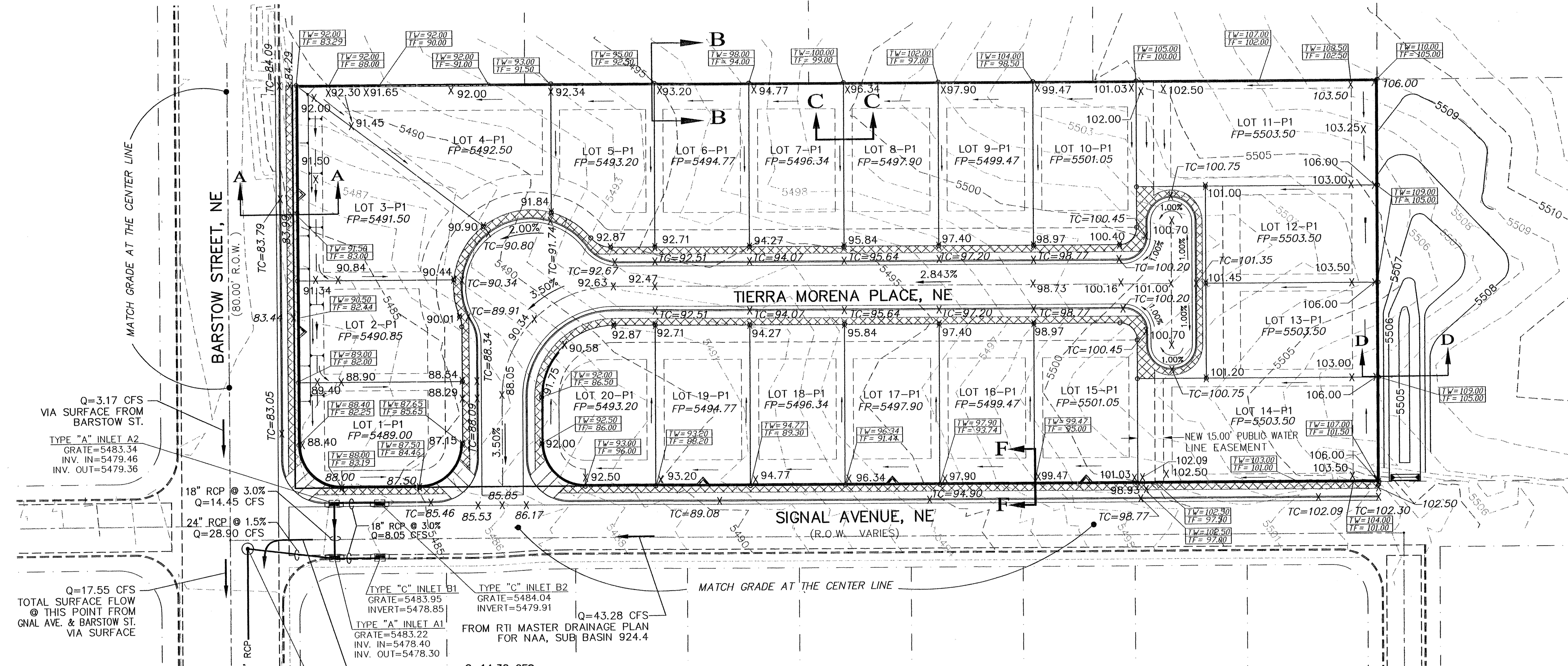


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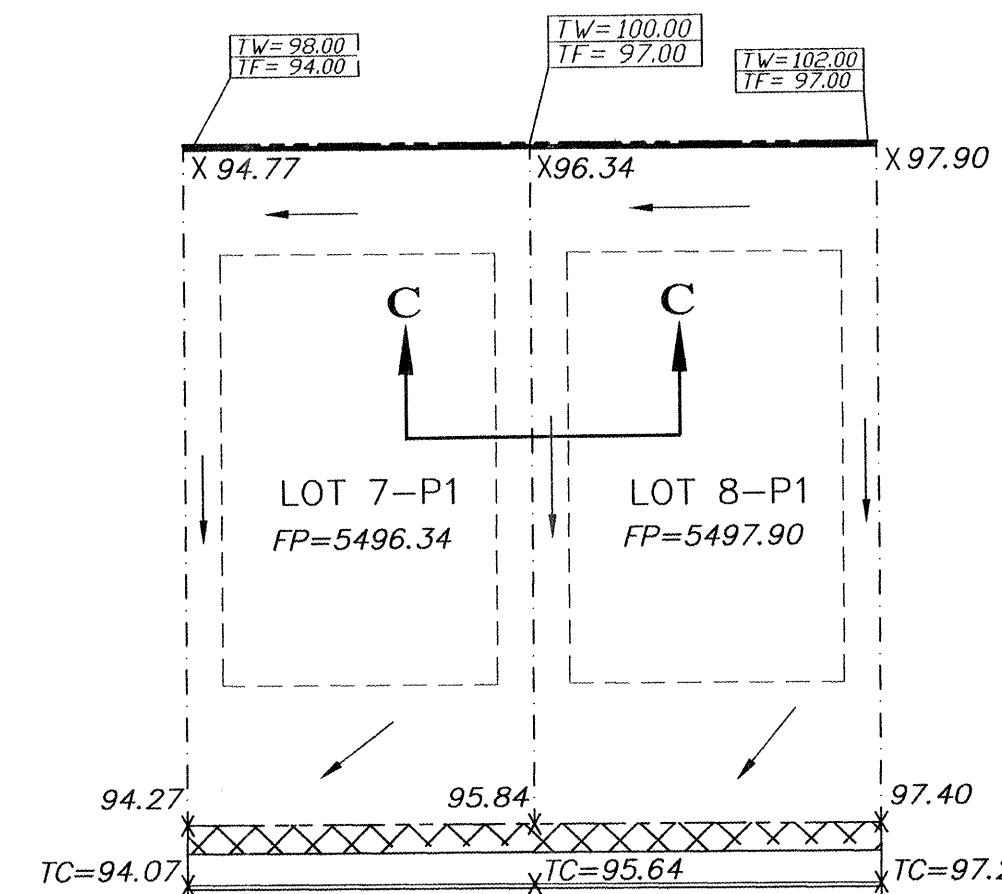
LOTS 29, 30, 31, 32, BLOCK 4, TRACT 3, UNIT 3, NAA  
SITE AREA: ±3.3843 ACRES

LEGEND

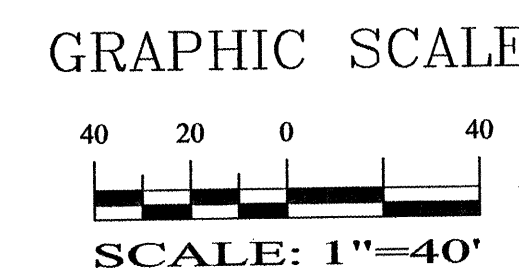
- EXISTING SAS MANHOLE
- ⊗ EXISTING VALVE W/BOX
- 24" SD — PROPOSED STORM SEWER
- - - SET BACK
- ===== EXISTING CURB & GUTTER
- ===== PROPOSED CURB & GUTTER
- - - 5505 - - - EXISTING CONTOUR (MAJOR)
- - - 5504 - - - EXISTING CONTOUR (MINOR)
- - - 5508 - - - PROPOSED CONTOUR
- BOUNDARY LINE
- - - EXISTING LOT LINE
- - - EASEMENT
- - - LIMITS OF TOP OF EXISTING SLOPE
- ===== PROPOSED SIDEWALK
- ===== TOP OF RETAINING WALL
- ===== TOP OF FOTTING
- X 70.28 PROPOSED SPOT ELEVATION
- X TC=95.44 PROPOSED TOP OF CURB
- FP=5505.00 PROPOSED FINISH PAD
- X 5265.16 PROPOSED FINISH PAD
- X TC=5265.16 EXISTING GRADE (TOP OF CURB)
- ===== RETAINING WALL



DETAIL "E"  
NTS



TYPICAL LOT GRADING  
NTS



EROSION CONTROL PLAN  
AND POLLUTION PREVENTION NOTES

- CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
- CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.
- REPAIR OF DAMAGED FACILITIES AND CLEAN-UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.
- ALL THE DISTURBED AREAS MUST BE REVEGETATED.

GENERAL NOTES:

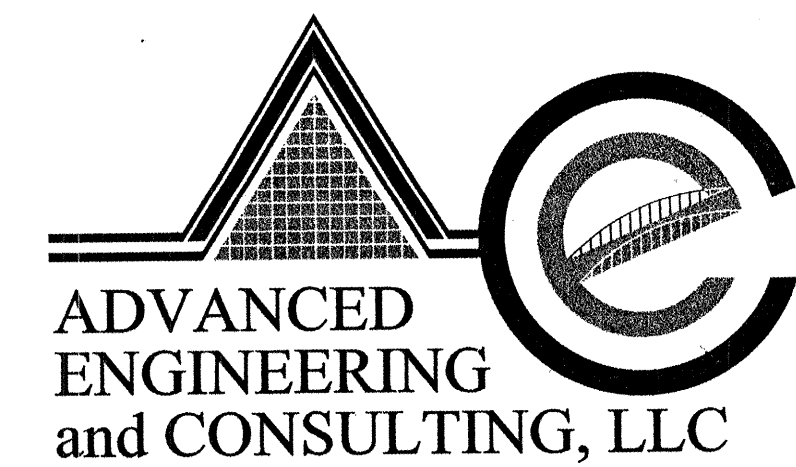
- ADD 5400 TO SPOT ELEVATIONS TO SHOW TRUE ELEVATION.
- CONTOUR INTERVAL IS ONE (1) FOOT.
- ELEVATIONS ARE BASED ON CITY OF ALBUQUERQUE CONTROL STATION HAVING AN ELEVATION OF 5483.08 FEET ABOVE SEA LEVEL.
- UTILITIES SHOWN HEREON ARE IN THEIR APPROXIMATE LOCATION BASED ONLY ON ABOVE GROUND EVIDENCE FOUND IN THE FIELD AND AS-BUILT INFORMATION PROVIDED BY THE CLIENT. UTILITIES SHOWN HEREON, WHETHER INDICATED AS ABANDONED OR NOT, SHALL BE VERIFIED BY OTHERS FOR EXACT LOCATION AND/OR DEPTH PRIOR TO EXCAVATION OR DESIGN CONSIDERATIONS.
- THIS IS NOT A BOUNDARY SURVEY, BEARINGS ARE ASSUMED, DISTANCES AND FOUND PROPERTY CORNERS ARE FOR INFORMATIONAL PURPOSES ONLY.
- SLOPES ARE AT 3:1 MAXIMUM.

ROUGH GRADING APPROVAL

DATE



SHAHAB BIAZAR  
P.E. #13479



ADVANCED  
ENGINEERING  
and CONSULTING, LLC

4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

TIERRA MORENA SUBDIVISION  
GRADING AND DRAINAGE PLAN

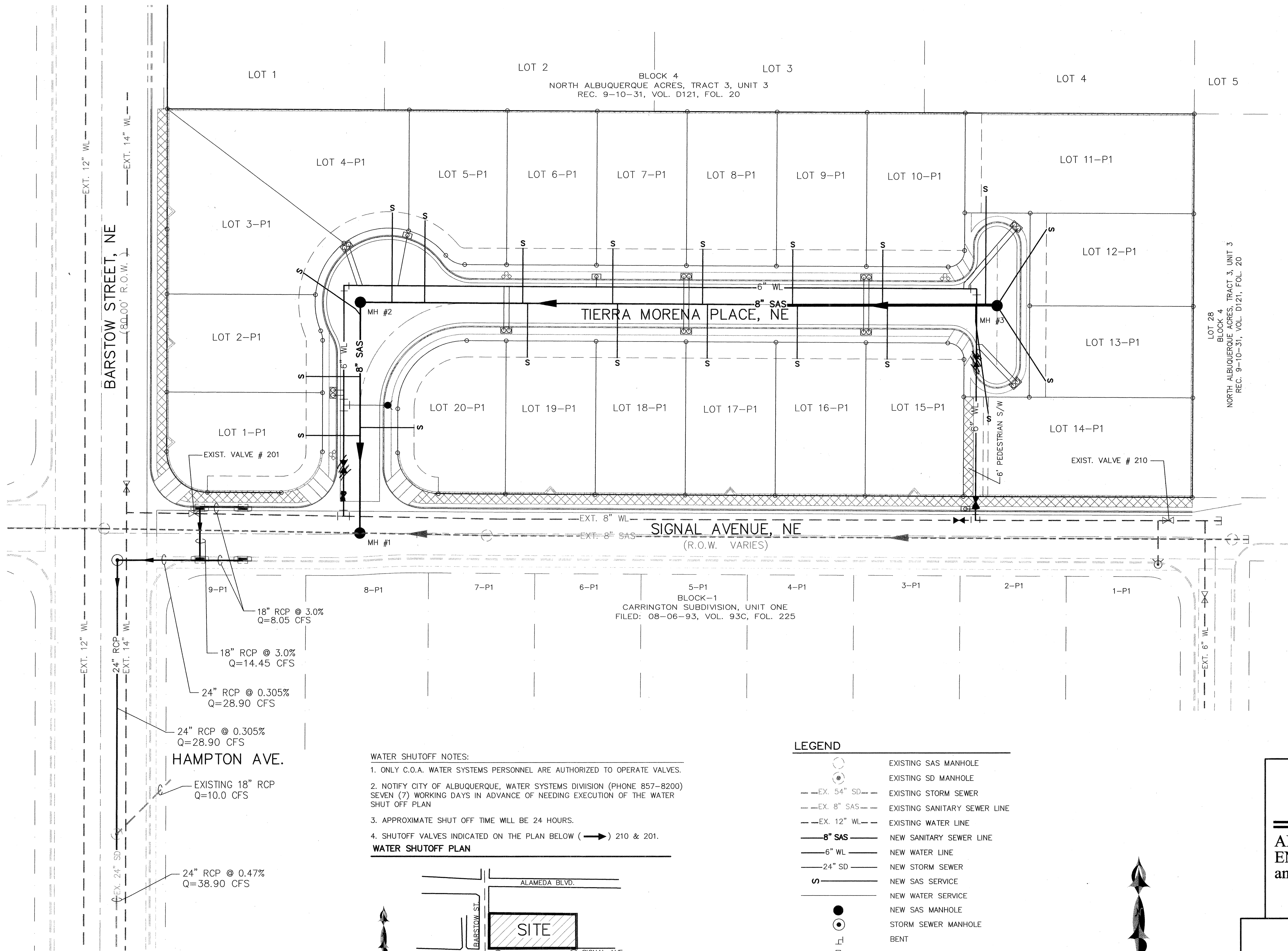
| DRAWING:      | DRAWN BY: | DATE:      | SHEET # |
|---------------|-----------|------------|---------|
| 200106-GR.DWG | SBB       | 04-07-2004 | 4 OF 9  |

|                  |              |       |    |
|------------------|--------------|-------|----|
| CITY PROJECT NO. | ZONE MAP NO. | SHEET | OF |
| 745781           | C-20-Z       | 4     | 9  |

WILSHIRE AVENUE, NE

RECORD DRAWINGS

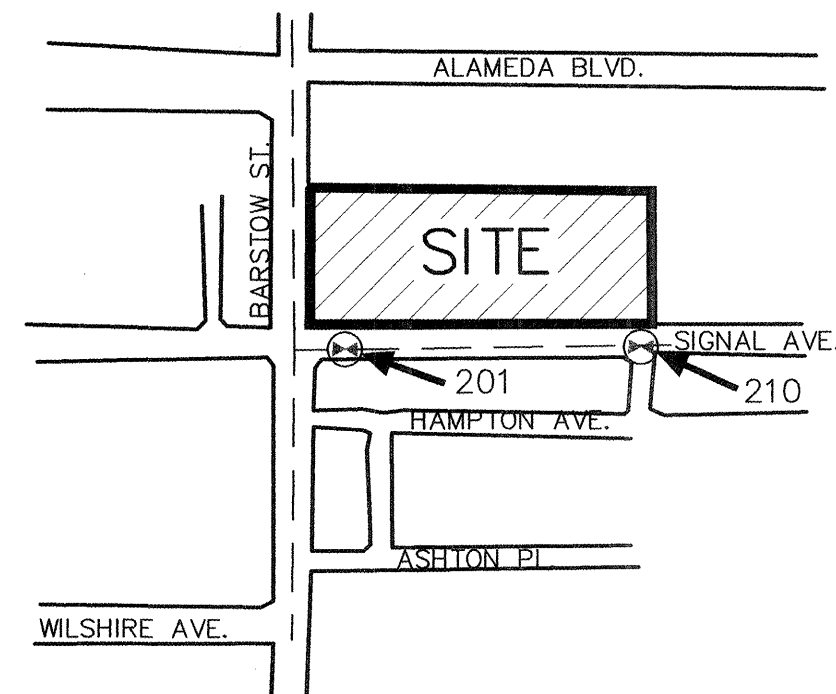
LAST REVISION: 06-17-2004



WATER SHUTOFF NOTES:

1. ONLY C.O.A. WATER SYSTEMS PERSONNEL ARE AUTHORIZED TO OPERATE VALVES.
2. NOTIFY CITY OF ALBUQUERQUE, WATER SYSTEMS DIVISION (PHONE 857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF NEEDING EXECUTION OF THE WATER SHUT OFF PLAN
3. APPROXIMATE SHUT OFF TIME WILL BE 24 HOURS.
4. SHUTOFF VALVES INDICATED ON THE PLAN BELOW (→) 210 & 201.

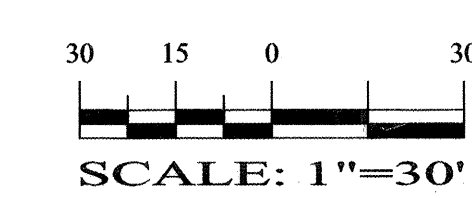
WATER SHUTOFF PLAN



LEGEND

- EXISTING SAS MANHOLE
- EXISTING SD MANHOLE
- EX. 54" SD
- EX. 8" SAS
- EX. 12" WL
- 8" SAS
- 6" WL
- 24" SD
- S
- NEW SAS SERVICE
- NEW WATER SERVICE
- NEW SAS MANHOLE
- STORM SEWER MANHOLE
- BENT
- SINGLE SERVICE METER
- DOUBLE SERVICE METER
- NEW GATE VALVE
- NEW FIRE HYDRANT
- TEE
- CAP (WL)
- NEW CATCH BASIN
- NEW STREET LIGHT

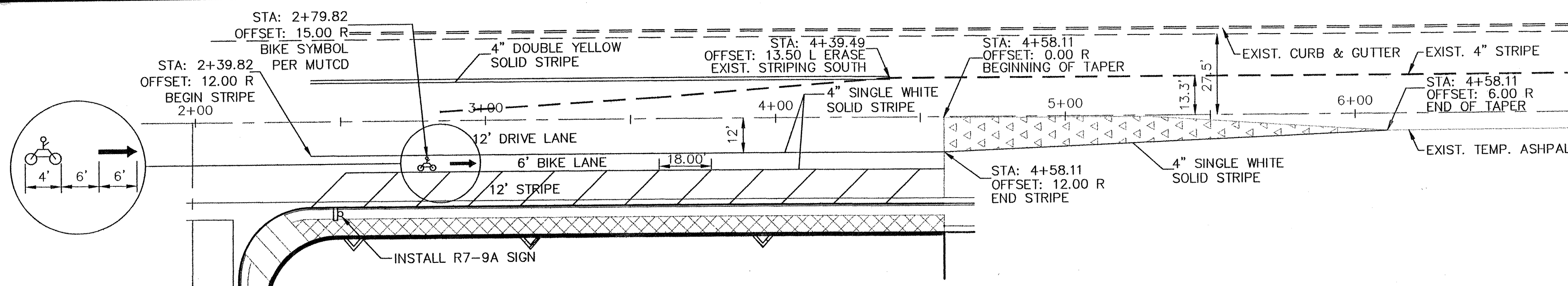
GRAPHIC SCALE



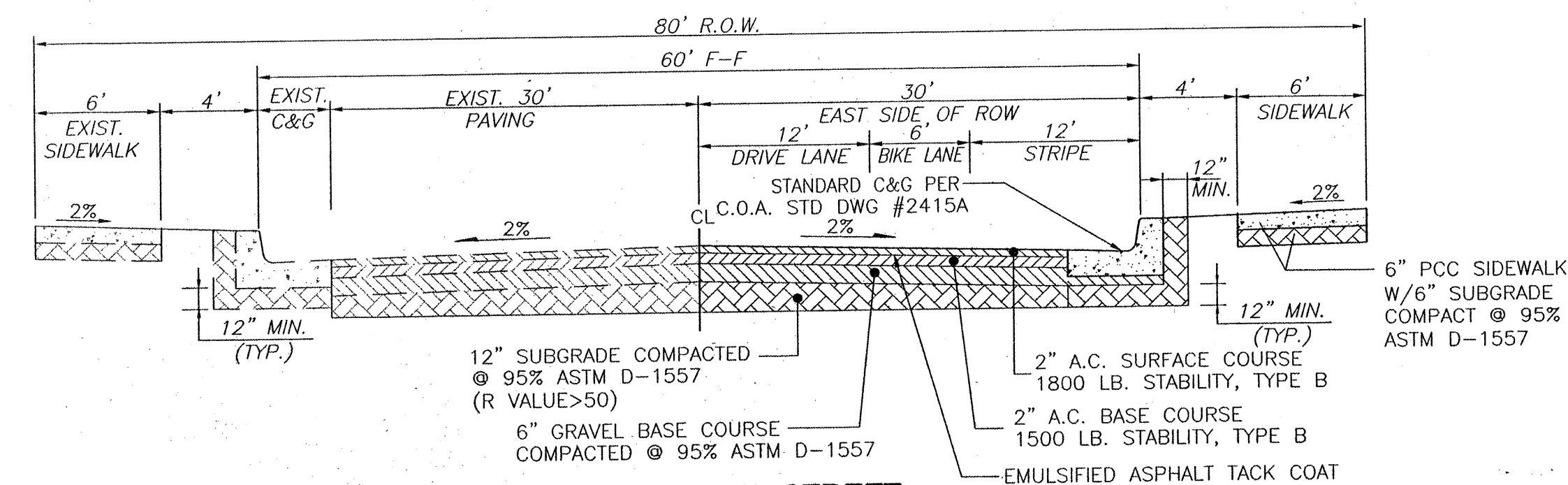
|                                                                     |                                   |
|---------------------------------------------------------------------|-----------------------------------|
| CITY OF ALBUQUERQUE<br>PUBLIC WORKS DEPARTMENT<br>ENGINEERING GROUP |                                   |
| TITLE: <b>TIERRA MORENA SUBDIVISION<br/>MASTER UTILITY PLAN</b>     |                                   |
| DESIGN REVIEW COMMITTEE<br>APPROVED<br>JUN 23 2005<br>CITY ENGINEER | MO./DAY/YR.<br>LAST DESIGN UPDATE |
| CITY PROJECT NO. 745781                                             | ZONE MAP NO. C-20-Z               |
| SHEET 5                                                             | OF 9                              |

| SURVEY INFORMATION                                                                  |      |
|-------------------------------------------------------------------------------------|------|
| FIELD NOTES                                                                         | DATE |
| NO.                                                                                 | BY   |
| BENCH MARKS                                                                         |      |
| ACS "7-C19", LOCATED AT THE WEST SIDE OF BARSTOW STREET 45.40' NORTH OF SIGNAL AVE. |      |
| CENTRAL STATION DATA-NAD 1927                                                       |      |
| NM STATE PLANE COORDINATES                                                          |      |
| X=410,171.36                                                                        |      |
| Y=1,522,006.02                                                                      |      |
| G=0.999647055                                                                       |      |
| ELEV=5483.076 NGVD 1929                                                             |      |
| AS BUILT INFORMATION                                                                |      |
| CONTRACTOR                                                                          | DATE |
| WORK                                                                                | DATE |
| INSPECTOR'S                                                                         | DATE |
| ACCEPTANCE                                                                          | DATE |
| VERIFICATION                                                                        | DATE |
| DRAWING                                                                             | DATE |
| CORRECTION                                                                          | DATE |
| MICRO-FILM INFORMATION                                                              |      |
| RECORDED BY                                                                         | DATE |
| NO.                                                                                 |      |

|                 |      |
|-----------------|------|
| ENGINEER'S SEAL |      |
| NO. DATE        |      |
| REMARKS         |      |
| REVISIONS       |      |
| DESIGN          |      |
| DESIGNED BY     | DATE |
| DRAWN BY        | DATE |
| CHECKED BY      | DATE |



STRIPING PLAN FOR BARSTOW STREET, NE



BARSTOW STREET  
PER CITY PROJECT #3391.92  
(SECTION 1+97.00 TO 4+58.24)  
N.T.S.

TEMPORARY ASPHALT SECTION  
PER COA. STD. DWG. #2415B

CONSTRUCTION NOTE:

-IF THE SUBGRADE SOILS DURING CONSTRUCTION HAVE A R-VALUE LESS THAN THE R-VALUE REQUIRED, THOSE SUBGRADE MATERIALS SHALL BE REMOVED TO A DEPTH OF NOT LESS THAN 2' BELOW THE FINISHED SUBGRADE, AND REPLACED WITH SUBGRADE MATERIAL HAVING AN R-VALUE GREATER THAN THE DESIGN R-VALUE. (R VALUE>50)

-STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING OF THE ROADWAY TO A MAXIMUM DEPTH OF 25 INCHES (MAXIMUM) AND FOR A WIDTH EQUAL TO TWO TIMES THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.

-CONTACT TRAFFIC OPERATION PRIOR TO STRIPING.

LEGEND:

- GARDEN WALL
- RETAINING WALL
- EXISTING CURB & GUTTER
- STANDARD CURB & GUTTER
- ROLLING CURB & GUTTER
- SIDEWALKS
- NEW PERMANENT PAVEMENT
- REMOVE EXIST. TEMP. ASPHALT AND REPLACE W/PERMANENT PAVEMENT PER BARSTOW STREET SECTION
- REMOVE EXIST. TEMP. ASPHALT AND REPLACE W/PERMANENT PAVEMENT PER SIGNAL STREET SECTION
- CUT EXIST. PERMANENT ASPHALT AND REPLACE W/PERMANENT PAVEMENT PER COA STD DWG #2465

SCALE: HORIZ. 1"=30'  
VERT. 1"= 3'

NOTES:

1. NEW 6' SIDEWALKS PER COA STANDARD DRAWING 2430. N.T.S.
2. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415A.
3. MOUNTABLE CURB AND GUTTER PER COA STANDARD DRAWING 2415A.
4. NEW WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2441, CASE II (W/HEADER CURB).
5. NEW 4' SIDEWALKS PER COA STANDARD DRAWING 2430. (INTERNAL SIDEWALKS DEFERRED)
6. NEW 6' VALLEY GUTTER PER COA STANDARD DRAWING 2420.
7. CROWN TRANSITION PER COA STANDARD DRAWING 2401.

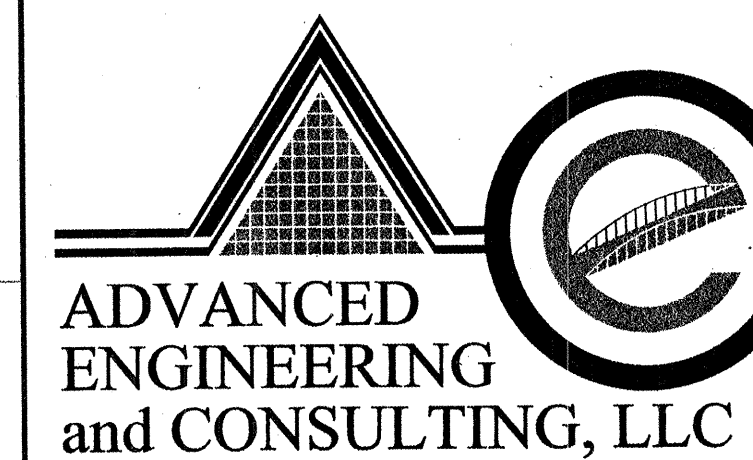
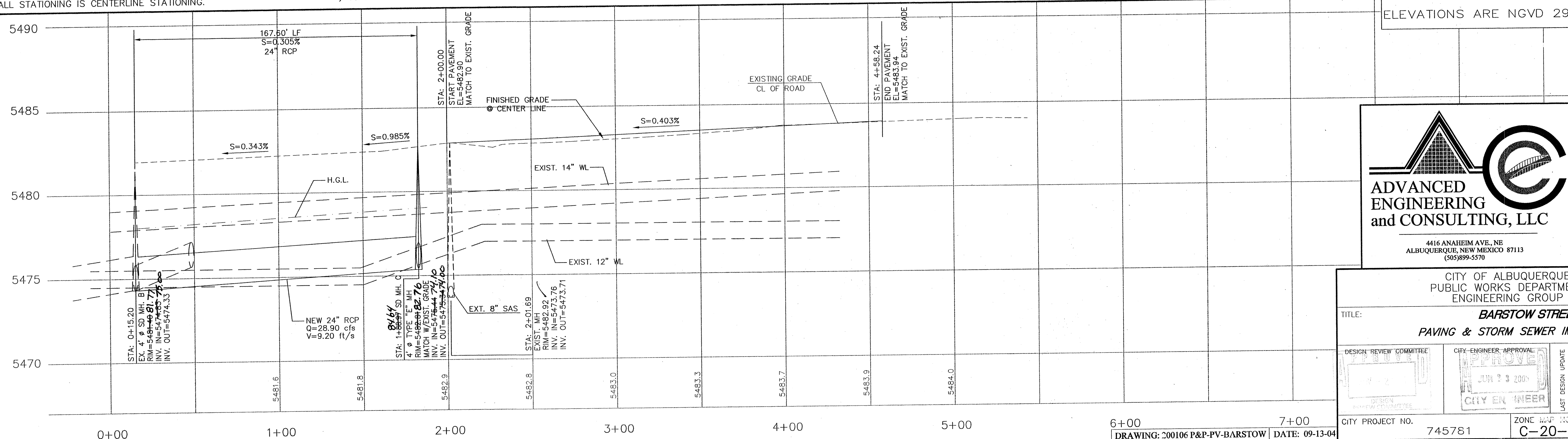
NOTE:  
ALL STATIONING IS CENTERLINE STATIONING.

NOTICE TO CONTRACTOR:

- 1) INSTALLATION OF 24" RCP SD PIPE MIGHT REQUIRED TRENCH BOX FOR CONSTRUCTION (FOR BEING CLOSE TO THE 14" WL)
- 2) CONTACT TRAFFIC CONTROL PRIOR TO STRIPING

BARSTOW STREET  
STA: 0+00.00 TO 5+44.00

| CURVE TABLE |        |        |         |       |                 |            |
|-------------|--------|--------|---------|-------|-----------------|------------|
| CURVE       | LENGTH | RADIUS | TANGENT | CHORD | CHORD DIRECTION | DELTA      |
| A           | 39.19  | 25.00  | 24.92   | 35.30 | S44°44'34"E     | 89°48'45"E |



4416 ANAHEIM AVE., NE  
ALBUQUERQUE, NEW MEXICO 87113  
(505)899-5570

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

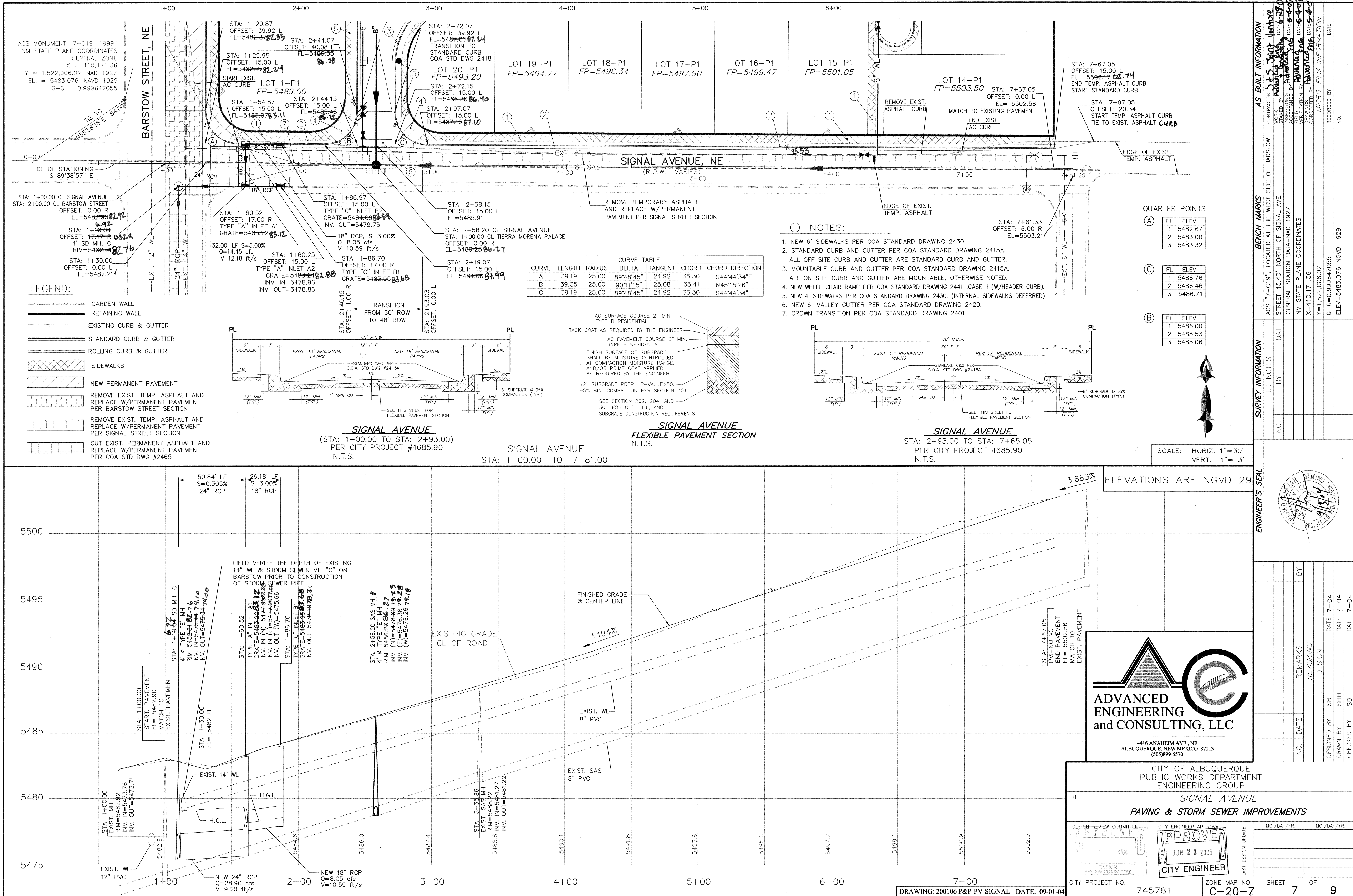
TITLE: **BARSTOW STREET**  
**PAVING & STORM SEWER IMPROVEMENTS**

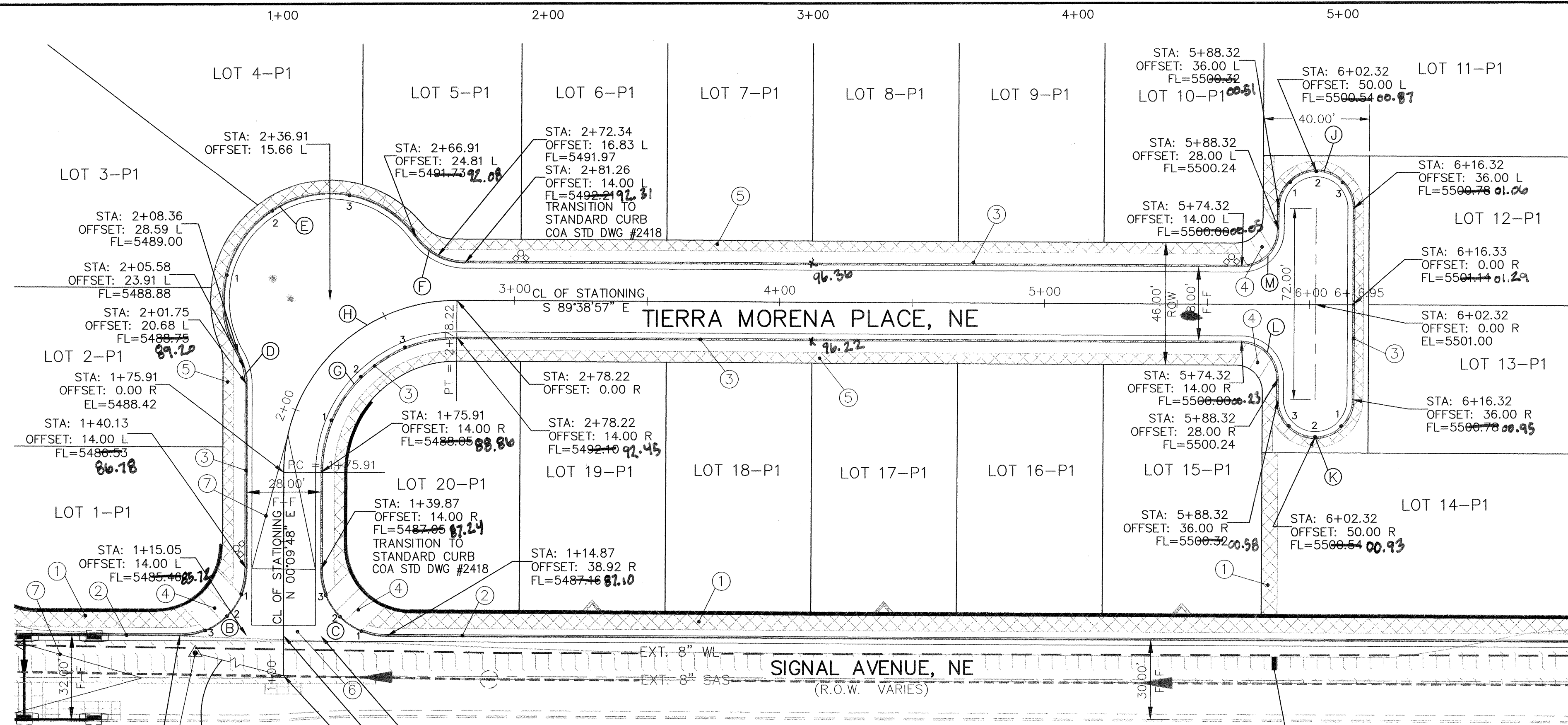
| DESIGN REVIEW COMMITTEE | CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR. |
|-------------------------|------------------------|-------------|-------------|
| APPROVED                | APPROVED               |             |             |
| DESIGN                  | CITY ENGINEER          |             |             |

CITY PROJECT NO. 745781  
ZONE MAP NO. C-20-Z  
SHEET 6 OF 9

|                      |      |             |      |                    |      |                 |      |
|----------------------|------|-------------|------|--------------------|------|-----------------|------|
| AS BUILT INFORMATION |      | BENCH MARKS |      | SURVEY INFORMATION |      | ENGINEER'S SEAL |      |
| CONTRACTOR           | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| WORK                 | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| INSPECTOR'S          | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| FIELD                | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| VERIFICATION BY      | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| CORRECTED BY         | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| RECORDED BY          | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |
| NO.                  | DATE | NO.         | DATE | NO.                | DATE | NO.             | DATE |

SCANNED BY  
PLANNING





| CURVE TABLE |        |        |            |         |       |                 |
|-------------|--------|--------|------------|---------|-------|-----------------|
| CURVE       | LENGTH | RADIUS | DELTA      | TANGENT | CHORD | CHORD DIRECTION |
| B           | 39.35  | 25.00  | 90°11'15"  | 25.08   | 35.41 | N45°15'26"E     |
| C           | 39.19  | 25.00  | 89°48'45"  | 24.92   | 35.30 | S44°44'34"E     |
| D           | 12.21  | 23.00  | 30°24'51"  | 6.25    | 12.07 | N15°02'38"W     |
| E           | 121.84 | 40.00  | 174°31'45" | 837.21  | 79.91 | S57°00'50"W     |
| F           | 21.65  | 23.00  | 53°55'39"  | 11.70   | 20.86 | S62°41'07"E     |
| G           | 80.28  | 51.00  | 90°11'15"  | 51.17   | 72.24 | S45°15'25"W     |
| H           | 102.31 | 65.00  | 90°11'15"  | 65.21   | 92.07 | S45°15'25"W     |
| M           | 21.99  | 14.00  | 90°00'00"  | 14.00   | 19.80 | N45°21'03"E     |
| J           | 43.98  | 14.00  | 180°00'00" | —       | 28.00 | N89°38'57"W     |
| K           | 43.98  | 14.00  | 179°59'59" | —       | 28.00 | S89°38'57"E     |
| L           | 21.99  | 14.00  | 90°00'00"  | 14.00   | 19.80 | N44°38'57"W     |

QUARTER POINTS

| B  |         |  | C  |         |  |
|----|---------|--|----|---------|--|
| FL | ELEV.   |  | FL | ELEV.   |  |
| 1  | 5486.00 |  | 1  | 5486.76 |  |
| 2  | 5485.53 |  | 2  | 5486.46 |  |
| 3  | 5485.06 |  | 3  | 5486.71 |  |

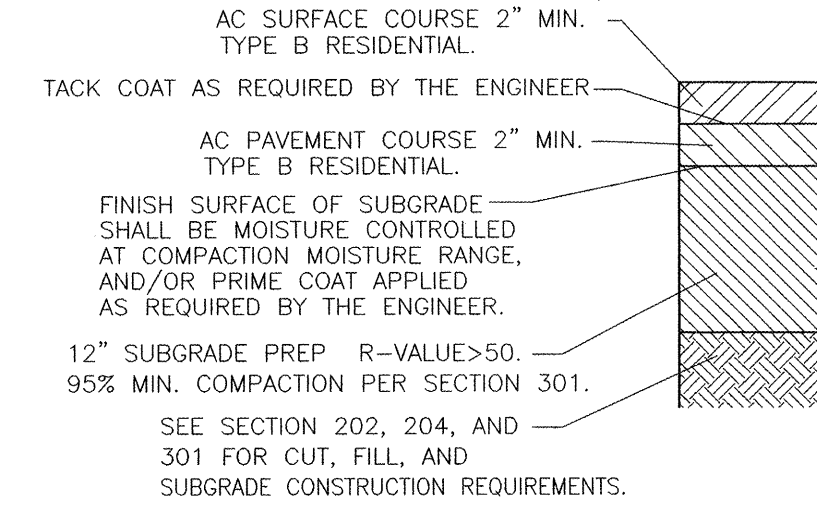
| E  |         |  | G  |         |  |
|----|---------|--|----|---------|--|
| FL | ELEV.   |  | FL | ELEV.   |  |
| 1  | 5489.68 |  | 1  | 5489.03 |  |
| 2  | 5490.37 |  | 2  | 5490.06 |  |
| 3  | 5491.05 |  | 3  | 5491.08 |  |

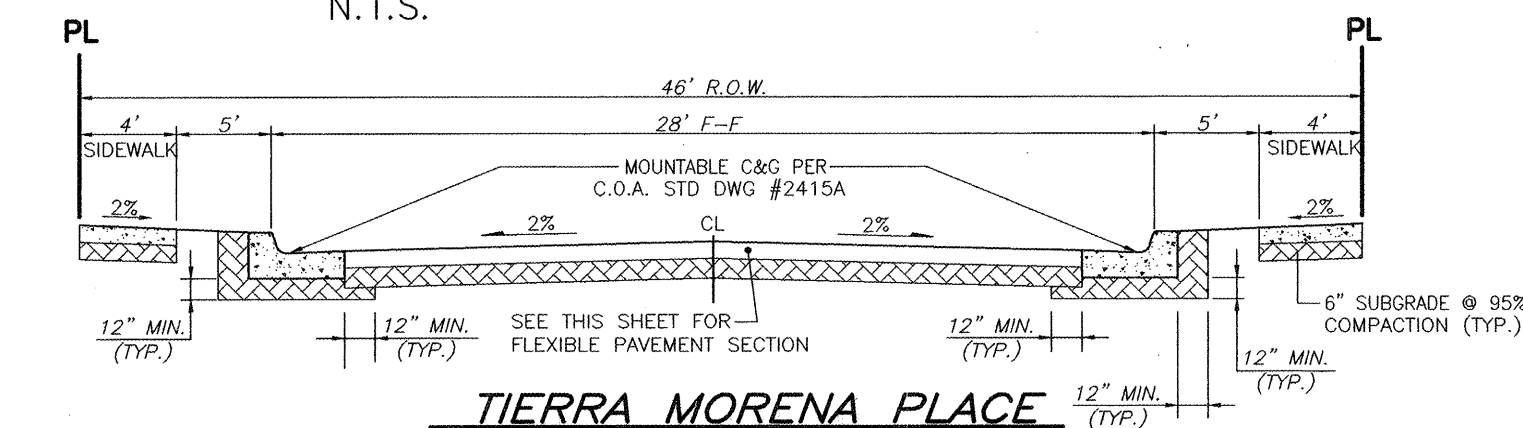
| M  |         |  | J  |         |  |
|----|---------|--|----|---------|--|
| FL | ELEV.   |  | FL | ELEV.   |  |
| 1  | 5500.06 |  | 1  | 5500.43 |  |
| 2  | 5500.12 |  | 2  | 5500.54 |  |
| 3  | 5500.18 |  | 3  | 5500.66 |  |

| L  |         |  | K  |         |  |
|----|---------|--|----|---------|--|
| FL | ELEV.   |  | FL | ELEV.   |  |
| 1  | 5500.06 |  | 1  | 5500.66 |  |
| 2  | 5500.12 |  | 2  | 5500.54 |  |
| 3  | 5500.18 |  | 3  | 5500.43 |  |



TIERRA MORENA PLACE  
FLEXIBLE PAVEMENT SECTION  
PER COA STD. DWG. NO. 2405B  
N.T.S.



NOTES:

1. NEW 6' SIDEWALKS PER COA STANDARD DRAWING 2430.
2. STANDARD CURB AND GUTTER PER COA STANDARD DRAWING 2415A. ALL OFF SITE CURB AND GUTTER ARE STANDARD CURB AND GUTTER.
3. MOUNTABLE CURB AND GUTTER PER COA STANDARD DRAWING 2415A. ALL ON SITE CURB AND GUTTER ARE MOUNTABLE, OTHERWISE NOTED.
4. NEW WHEEL CHAIR RAMP PER COA STANDARD DRAWING 2441, CASE II (W/HEADER CURB).
5. NEW 4' SIDEWALKS PER COA STANDARD DRAWING 2430. (INTERNAL SIDEWALKS DEFERRED).
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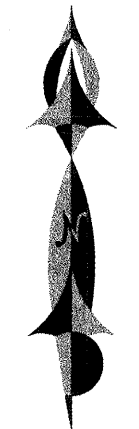
LEGEND:

|  |                                                                                         |
|--|-----------------------------------------------------------------------------------------|
|  | GARDEN WALL                                                                             |
|  | RETAINING WALL                                                                          |
|  | SIDEWALKS                                                                               |
|  | NEW PERMANENT PAVEMENT                                                                  |
|  | REMOVE EXIST. TEMP. ASPHALT AND REPLACE W/PERMANENT PAVEMENT PER BARSTOW STREET SECTION |
|  | REMOVE EXIST. TEMP. ASPHALT AND REPLACE W/PERMANENT PAVEMENT PER SIGNAL STREET SECTION  |
|  | CUT EXIST. PERMANENT ASPHALT AND REPLACE W/PERMANENT PAVEMENT PER COA STD DWG #2465     |

LEGEND:

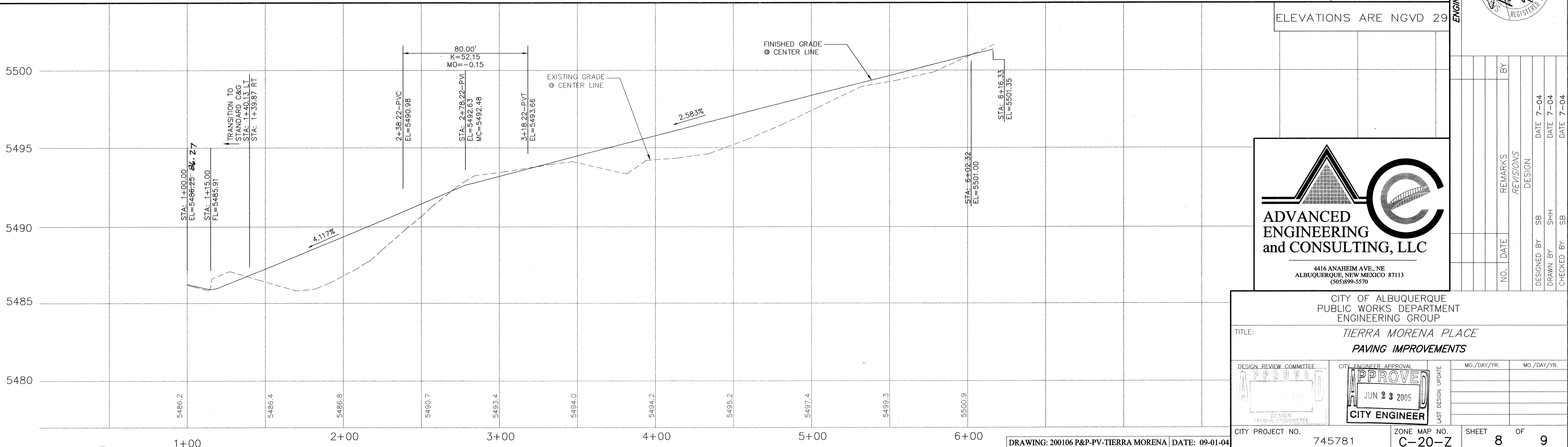
|  |                        |
|--|------------------------|
|  | EXISTING CURB & GUTTER |
|  | STANDARD CURB & GUTTER |
|  | ROLLING CURB & GUTTER  |
|  | STREET LIGHT           |

SCALE: HORIZ. 1"=30'  
VERT. 1"=3'



NOTE:  
5505 ALL STATIONING IS CENTERLINE STATIONING.

TIERRA MORENA PLACE  
STA: 1+00.00 TO 6+16.00



CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE: TIERRA MORENA PLACE  
PAVING IMPROVEMENTS

DESIGN REVIEW COMMITTEE: APPROVED  
CITY ENGINEER APPROVAL: APPROVED  
CITY ENGINEER: JUN 23 2005

MO./DAY/YR. MO./DAY/YR.

DESIGNED BY: SB DATE: 7-04  
DRAWN BY: SHH DATE: 7-04  
CHECKED BY: SB DATE: 7-04

CITY PROJECT NO. 745781 ZONE MAP NO. C-20-Z SHEET 8 OF 9

