

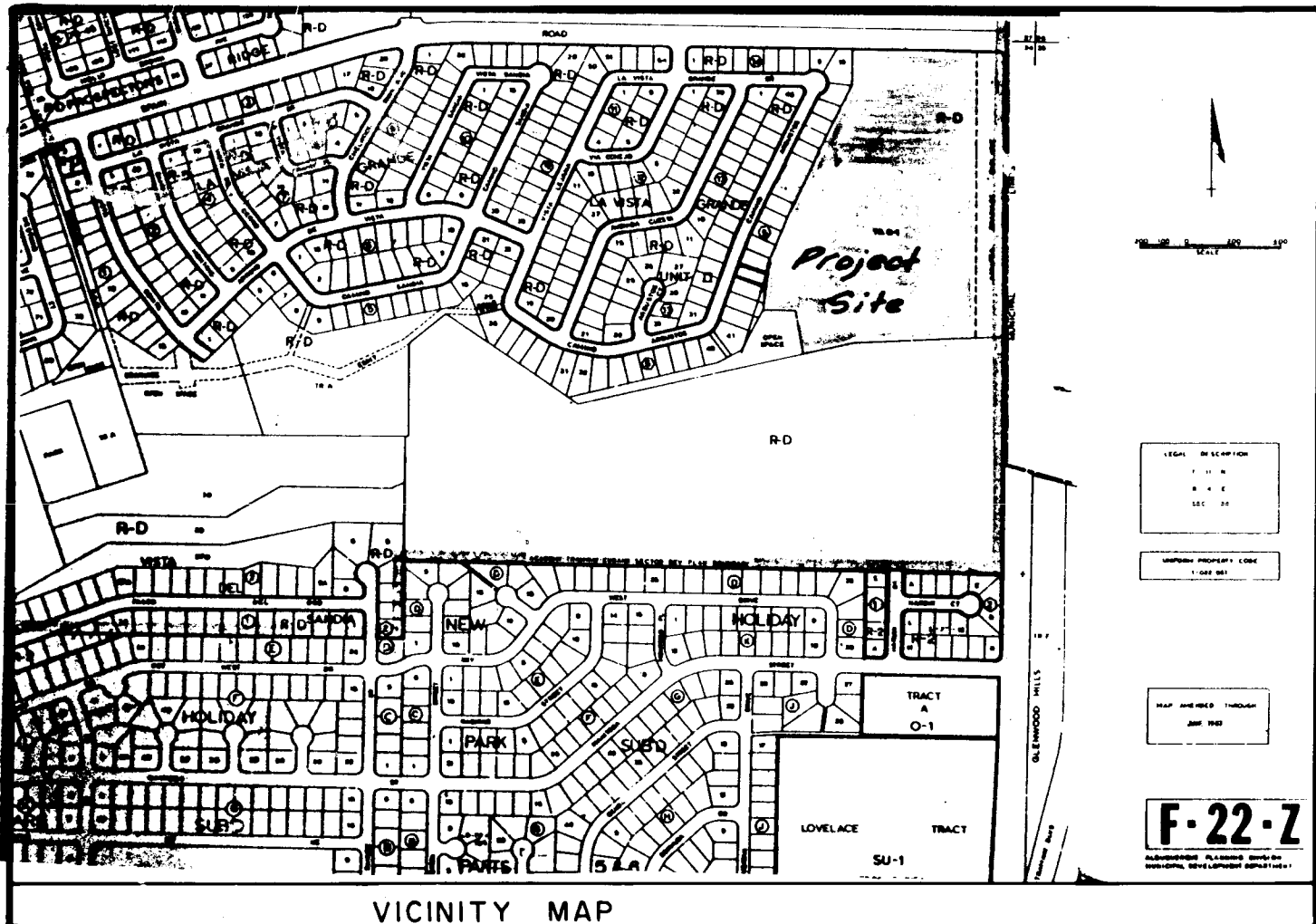
AF 13167A

|   |   |   |   |   |   |   |   |   |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 2 | 6 |   | 3 | 4 | 5 | 3 | 0 | 1 | 8  | 8  |    |

APPROVED FOR  
CONSTRUCTION  
*William W. Neuman*  
CITY ENGINEER DATE

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <p><b>VICINITY MAP F-22</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          | <b>BENCH MARKS</b><br><br>B.M. STATION is located on the North side of Manitoba St., 100' ft. West of Tramway Blvd.<br>The Station is a standard A.C.S. Brass tablet stamped "F-22" set in top of a concrete post project 03' ft. above ground.<br>ELEVATION = 5957.02 |              | <b>AS BUILT INFORMATION</b><br><br>CONTRACTOR<br>WORK STARTED BY<br>ACCEPTANCE BY<br>DATE<br>FIELD LAYOUT BY<br>DATE<br>DRAWINGS CORRECTED BY<br>DATE<br><b>MICRO-FILM INFORMATION</b><br>RECORDED BY<br>NO. |         |
| <b>NOTICE TO CONTRACTORS:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <ol style="list-style-type: none"> <li>CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION WILL BE REFERRED TO HEREIN AS THE STANDARD SPECIFICATIONS.</li> <li>TWO WORKING DAYS PRIOR TO ANY EXCAVATION CONTRACTOR MUST CONTACT LINE LOCATION SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.</li> <li>PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS SHOULD A CONFLICT EXIST - THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM DELAY.</li> <li>THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE CITY WATER SYSTEMS DIVISION FOR THE EXECUTION OF THE VALVE SHUT-OFF PLAN, NOT LESS THAN TWO (2) WORKING DAYS PRIOR TO ANY WORK THAT MAY AFFECT ANY EXISTING PUBLIC WATER UTILITY LINES.</li> </ol> |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <b>THE FOLLOWING NOTES APPLY IF CHECKED:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <input checked="" type="checkbox"/> ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.<br><input checked="" type="checkbox"/> BACKFILL COMPACTION SHALL BE ACCORDING TO RESIDENTIAL STREET USE.<br><input checked="" type="checkbox"/> TACT COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.<br><input checked="" type="checkbox"/> SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.<br><input type="checkbox"/> IF A CURB IS DEEPRESSED FOR A DRIVE-PAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.                                                                                                                                                                                                                                           |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <u><b>LEGEND</b></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>-W- EXISTING WATER LINE</p> <p>PROPOSED FIRE HYDRANT</p> <p>EXISTING FIRE HYDRANT</p> <p>EXISTING CURB &amp; GUTTER AND SIDEWALK</p> <p>PROPOSED CURB &amp; GUTTER AND SIDEWALK</p> <p>PROPOSED DRIVE CUT</p> <p>EXISTING WATER METER/BOX</p> <p>PROPOSED PAVING (PER THIS CONTRACT)</p> <p>PROPOSED WHEELCHAIR RAMP CONST.</p> </div> <div style="width: 50%;"> <p>BY</p> <p>REMARKS</p> <p>DESIGN</p> <p>DATE 12-13-87</p> <p>DATE 12-23-87</p> <p>DATE 3-3-88</p> </div> </div>                                                                                                                                                                                                                                                                                                                |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <b>A &amp; E ENGINEERING INC.</b><br><small>CIVIL ENGINEERING, LAND PLANNING AND SURVEYING<br/>ALBUQUERQUE • LAS CRUCES</small>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| 1330 SAN PEDRO N.E.—SUITE 208<br>ALBUQUERQUE, NEW MEXICO 87110      (505) 286-8791                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <b>CITY OF ALBUQUERQUE<br/>MUNICIPAL DEVELOPMENT DEPARTMENT<br/>ENGINEERING DIVISION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <b>TITLE: ROYAL OAK UNIT 2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| <b>COVER SHEET</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |                                                                                                                                                                                                                                                                        |              |                                                                                                                                                                                                              |         |
| APPROVALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ENGINEER | DATE                                                                                                                                                                                                                                                                   | APPROVALS    | ENGINEER                                                                                                                                                                                                     | DATE    |
| City Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |                                                                                                                                                                                                                                                                        | Liquid Waste | <i>[Signature]</i>                                                                                                                                                                                           | 3/22/88 |
| A.C.E.-Design                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |                                                                                                                                                                                                                                                                        | Traffic      |                                                                                                                                                                                                              |         |
| A.C.E.-Hydrology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |          |                                                                                                                                                                                                                                                                        | Water        | <i>[Signature]</i>                                                                                                                                                                                           | 3/22/88 |
| DRAWING NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 3453     |                                                                                                                                                                                                                                                                        | MAP NO.      | F-22                                                                                                                                                                                                         |         |
| SHEET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |                                                                                                                                                                                                                                                                        | OF           | 6                                                                                                                                                                                                            |         |





VICINITY MAP

|                            |        |
|----------------------------|--------|
| SUBDIVISION DATA:          |        |
| SUBDIVISION CASE NO.       |        |
| ZONE ATLAS INDEX NO.       | F-22   |
| GROSS ACREAGE              | 21.608 |
| NUMBER OF EXISTING TRACTS  | 1      |
| NUMBER OF TRACTS CREATED   | 59     |
| MILEAGE OF STREETS CREATED | 0.56   |

NOTES:

- All bearings referenced hereon are New Mexico State Plane Grid Bearings (Central Zone).
- All distances shown hereon are ground distances.
- SETBACKS: Minimum front-yard, side-yard and rear-yard setbacks shall be in accordance with the applicable requirements of Section 10E of the Comprehensive City Zoning Code as amended through June 1, 1984.
- All letters contained within a circle, such as (A), (B) denote block designation.
- Electrical Power and Communication Easements (noted as P.U.E. easements) are reserved for buried distribution lines, conduits and pipes for underground utilities where shown or indicated and include the right of ingress and egress for construction and maintenance, and the right to trim interfering trees and shrubs. Also included are easements to install power and communication servelines along side lot lines, where indicated.
- Lots backing up to Spain Road N.E. shall not have access to Spain Road.
- Centerline (in lieu of R/W) Monumentation to be installed at all centerline P.C.'s, P.T.'s, angle points and street intersections prior to acceptance of subdivision street improvements and will consist of a four inch (4") aluminum alloy cap stamped "City of Albuquerque", Centerline Monumentation", "Survey Marker", "Do Not Disturb", L.S.#5949, Designated thusly O
- Lots 1 thru 11, Block A, designated with asterisks must conform with Section 40 C.L.g of the City of Albuquerque Comprehensive Zoning Code.

SURVEYOR'S CERTIFICATION  
I, JOHN F. ESQUIBEL, NEW MEXICO REGISTERED LAND SURVEYOR NO. 5949, do hereby certify that this plat was prepared by me or under my direct supervision, shows accurate dimensions, land areas and all easements of record made readily available to me by the land owner and/or utility companies, meets the minimum requirements for monumentation and surveys set forth by the Albuquerque Subdivision Ordinance and is true and correct to the best of my knowledge and belief.

John F. Esquibel 7/27/87  
JOHN F. ESQUIBEL, N.M.R.L.S. NO. 5949 Date

ACKNOWLEDGEMENT

STATE OF NEW MEXICO )  
COUNTY OF BERNALILLO )

The foregoing Surveyor's Certificate was acknowledged before me on this 29 day of JULY, 1987, by John F. Esquibel, LS No. 5949.

By B.C. Bayl  
Notary Public

My commission expires DECEMBER 6, 1989

LEGAL DESCRIPTION

A certain tract of land situate in the Elena Gallegos Grant, within projected Section 34, Township 11 North, Range 4 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being a replat of Tract B-1-A as the same is shown and designated on the plat of record filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 18, 1984, in Book C25, Page 181, and being more particularly described by metes and bounds as follows:

Beginning at the Northwest corner of the tract herein described, said point being on the South right-of-way line of Spain Road N.E., whence an A.C.S. Monument stamped "Harry" (New Mexico State Plane Co-ordinates, Central Zone, x=423,375.19, y=1,505,887.42) bears S 40°37'09" W, a distance of 2898.19 feet; Thence leaving said point of beginning and running along the South right-of-way line of Spain Road on a bearing of S 89°36'51" E, a distance of 542.55 feet to the Northeast corner of the tract herein described, said point being on the West right-of-way line of a 133' A.M.A.F.C.A. Drainage Easement; Thence running along said West right-of-way line of aforementioned drainage easement on a bearing of S 00°01'06" W, a distance of 1241.91 feet to the Southeast corner of the tract herein described; Thence leaving the West right-of-way line of the A.M.A.F.C.A. Drainage Easement and running on a bearing of S 87°01'37" W, a distance of 519.99 feet to an angle point of the tract herein described; Thence running on a bearing of S 77°09'58" W, a distance of 225.00 feet to an angle point of the tract herein described; Thence running on a bearing of N 10°19'47" W, a distance of 191.44 feet to an angle point of the tract herein described; Thence running on a bearing of S 89°57'37" W, a distance of 186.70 feet to the Southwest corner of the tract herein described, said point also being on the Easterly boundary of the replat of La Vista Grande, Unit II for a portion of Block 14, Block 5 and Tract B-1, as filed in the Office of the County Clerk of Bernalillo County, New Mexico on December 18, 1984, in Book C25, Page 181; Thence running along said East boundary line on a bearing of N 13°55'56" E, a distance of 35.04 feet to an angle point of the tract herein described; Thence proceeding along the boundary of the Replat of La Vista Grande, Unit II for the next eight (8) courses as follows, on a bearing of N 19°20'36" E, a distance of 75.00 feet to a point on the South right-of-way line of Royal Winslow Place, Thence running along the South right-of-way of Royal Winslow Place on a bearing of N 70°39'24" W, a distance of 92.00 feet to a point of curvature; Thence running along said curve being convex to the Northwest having a radius of 25.00 feet, an arc length of 39.27 feet, a delta of 90°00'00", and a chord of S 64°20'36" W, a distance of 35.35 feet to a point of tangency on the East right-of-way line of Camino Arbutos (A public street within La Vista Grande, Unit II); Thence running along said East right-of-way line of Camino Arbutos on a bearing of N 19°20'36" E, a distance of 100.00 feet to a point of curvature; Thence running along said curve being convex to the Southwest, having a radius of 25.00 feet, an arc length of 39.27 feet, a delta of 90°00'00", and a chord of S 25°39'24" E, a distance of 35.35 feet to a point of tangency on the North right-of-way line of Royal Winslow Place; Thence running along said North right-of-way line of Royal Winslow Place on a bearing of S 70°39'24" E, a distance of 92.00 feet to an angle point of the tract herein described; Thence leaving aforementioned North right-of-way line of Royal Winslow Place and running on a bearing of N 19°20'36" E, a distance of 54.65 feet to an angle point of the tract herein described; Thence running on a bearing of N 22°25'12" E, a distance of 275.50 feet to an angle point of the tract herein described; Thence running on a bearing of N 25°12'38" E, a distance of 571.59 feet to an angle point of the tract herein described, said point also being common with an angle point on the East boundary line of the original La Vista Grande, Unit II filed in the Office of the County Clerk of Bernalillo County, New Mexico on October 31, 1980, in Book C17, Page 122; Thence continuing along said East boundary line of original La Vista Grande, Unit II on a bearing of N 00°23'09" E, a distance of 158.96 feet to the Northwest corner of the tract herein described and true point of beginning containing 941,244.48 square feet or 21.6080 acres more or less.

DEDICATION AND FREE CONSENT

The subdivision of the land hereon described is with the free consent of and in accordance with the wishes and desires of the undersigned owner(s) and proprietor(s) thereof, and said owners and proprietors do hereby dedicate the public right-of-way shown hereon, and grant all easements for public utilities or drainage where indicated by dashed lines and described as P.U.E. or Drainage Easement. These lines being 7' foot on the front lot lines or 5' on the side lot lines and including the right to trim interfering trees and shrubs.

By Donald D. Martin and Willa H. Martin, Martin Development Corp., Joint Venturer  
husband and wife, Joint Venturer

By: Donald D. Martin  
Donald D. Martin

By: Willa H. Martin  
Willa H. Martin

By: Donald D. Martin  
Donald D. Martin

Its: President  
President

STATE OF New Mexico )  
COUNTY OF Bernalillo )

ON THIS 29th DAY OF July  
INSTRUMENT WAS ACKNOWLEDGED BEFORE ME, by  
Donald D. Martin,  
MY COMMISSION EXPIRES: 12-6-89

NOTARY PUBLIC: B.C. Bayl

STATE OF New Mexico )  
COUNTY OF Bernalillo )

ON THIS 29th DAY OF July, 1987,  
INSTRUMENT WAS ACKNOWLEDGED BEFORE ME, by  
Willa H. Martin.  
MY COMMISSION EXPIRES: 12-6-89

NOTARY PUBLIC: B.C. Bayl

OFFICIAL SEAL  
G.C. GAYET  
NOTARY PUBLIC STATE OF NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires 12-6-89

OFFICIAL SEAL  
G.C. GAYET  
NOTARY PUBLIC STATE OF NEW MEXICO  
Notary Bond Filed with Secretary of State  
My Commission Expires 12-6-89

PLAT  
OF  
ROYAL OAK UNIT 2

BEING AND COMPRISING  
A REPLAT OF  
TRACT B-1-A (FILED DECEMBER 18, 1984)  
ALBUQUERQUE, NEW MEXICO  
JULY, 1987  
SHEET 1 OF 3

TALOS LOG NO. Q7-29-2915

APPROVED AND ACCEPTED BY:

SUBDIVISION CASE NUMBER:

Planning Director, City of Albuquerque Date

City Engineer, City of Albuquerque Date

A.M.A.F.C.A. Date

Traffic Engineer, City of Albuquerque Date

Water Utilities Dept., City of Albuquerque Date

Parks and Recreation, City of Albuquerque Date

Chief Surveyor, City of Albuquerque Date

Property Manager, City of Albuquerque Date

Public Service Company of New Mexico Date 2-24-88

Gas Company of New Mexico Date 2-24-88

Mountain States Telephone and Telegraph Company Date 2-23-88

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are ten (10) feet wide and are granted for the common and joint use of:

- The Public Service Company of New Mexico for the installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical service.
- The Gas Company of New Mexico for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- Mountain Bell 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.
- Albuquerque Cable Television Inc. for the installation, maintenance, and service of such line, cable, and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included is the right of ingress and egress for the construction and maintenance and the right to trim interfering trees and shrubs. Also included is the right to install and maintain service lines.

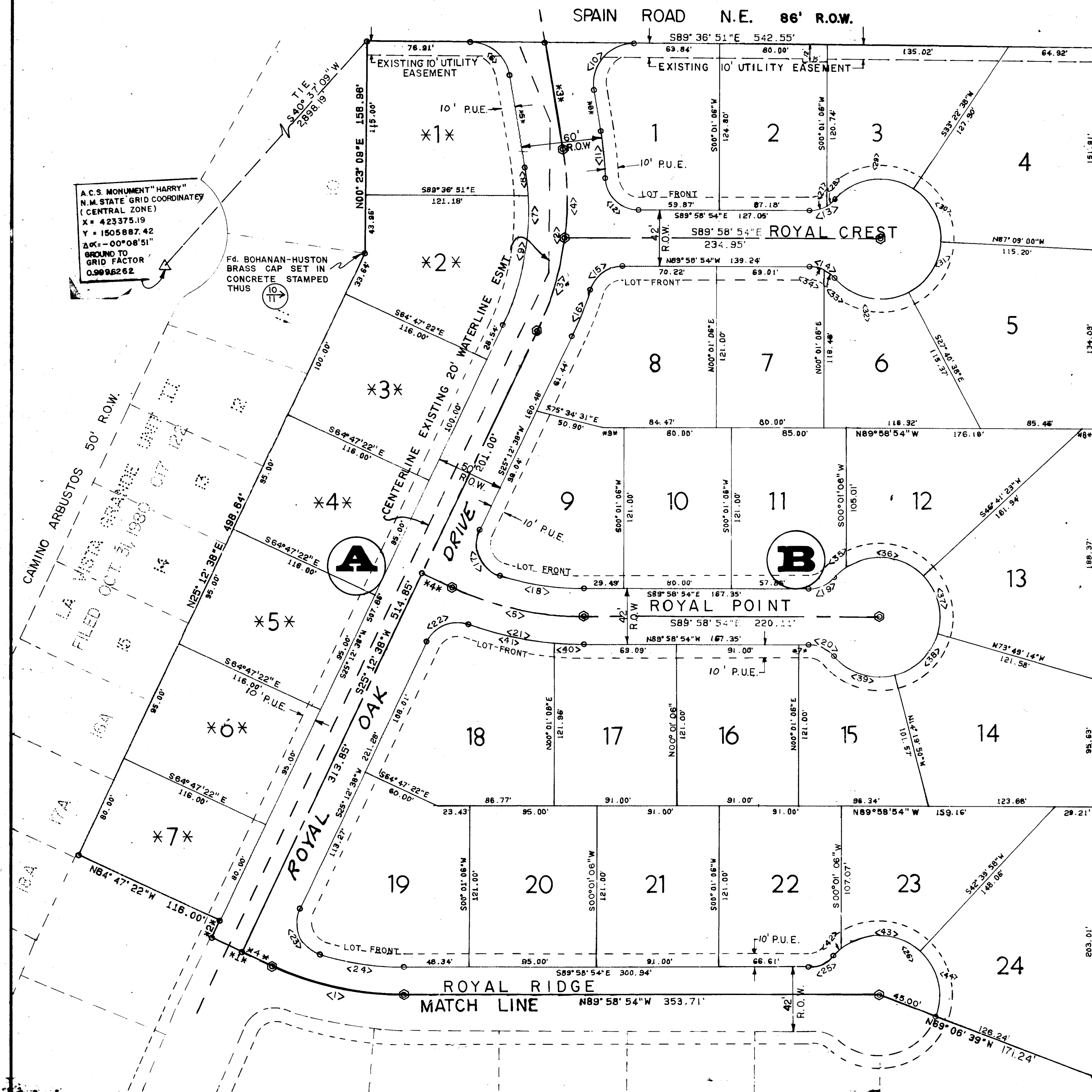
| LOT | BLOCK | SQUARE FT.  | ACREAGE | LOT | BLOCK | SQUARE FT.  | ACREAGE |
|-----|-------|-------------|---------|-----|-------|-------------|---------|
| 1   | A     | 12,770.1824 | 0.2932  | 19  | B     | 14,312.6022 | 0.3286  |
| 2   | A     | 12,779.1486 | 0.2796  | 20  | B     | 11,495.0000 | 0.2639  |
| 3   | A     | 11,600.0000 | 0.2663  | 21  | B     | 11,011.0000 | 0.2528  |
| 4   | A     | 11,020.0000 | 0.2530  | 22  | B     | 10,898.1764 | 0.2502  |
| 5   | A     | 11,020.0000 | 0.2530  | 23  | B     | 11,375.0513 | 0.2611  |
| 6   | A     | 11,020.0000 | 0.2530  | 24  | B     | 17,108.5942 | 0.3928  |
| 7   | A     | 9,280.0000  | 0.2130  | 25  | B     | 16,474.5540 | 0.3782  |
| 8   | A     | 11,208.9616 | 0.2573  | 26  | B     | 10,663.5296 | 0.2448  |
| 9   | A     | 11,600.0000 | 0.2663  | 27  | B     | 11,495.0000 | 0.2639  |
| 10  | A     | 10,568.8272 | 0.2426  | 28  | B     | 11,495.0000 | 0.2639  |
| 11  | A     | 11,874.3327 | 0.2726  | 29  | B     | 11,841.0721 | 0.2718  |
| 1   | B     | 10,842.1390 | 0.2489  | 30  | B     | 13,456.3474 | 0.3089  |
| 2   | B     | 9,948.1390  | 0.2284  | 31  | B     | 15,009.7484 | 0.3464  |
| 3   | B     | 10,575.1051 | 0.2428  | 32  | B     | 11,495.0000 | 0.2639  |
| 4   | B     | 15,809.9764 | 0.3629  | 33  | B     | 9,680.0000  | 0.2222  |
| 5   | B     | 15,743.7643 | 0.3614  | 34  | B     | 11,011.0000 | 0.2528  |
| 6   | B     | 9,163.8690  | 0.2104  | 35  | B     | 11,011.0000 | 0.2528  |
| 7   | B     | 9,670.8786  | 0.2220  | 36  | B     | 9,882.7517  | 0.2269  |
| 8   | B     | 13,163.8034 | 0.3022  | 37  | B     | 15,328.5847 | 0.3519  |
| 9   | B     | 11,535.5747 | 0.2648  | 38  | B     | 14,506.0172 | 0.3330  |
| 10  | B     | 9,680.0000  | 0.2222  | 39  | B     | 10,827.7771 | 0.2486  |
| 11  | B     | 10,130.9845 | 0.2326  | 40  | B     | 10,091.8679 | 0.2317  |
| 12  | B     | 12,414.1693 | 0.2850  | 41  | B     | 10,830.0000 | 0.2486  |
| 13  | B     | 14,690.0155 | 0.3372  | 42  | B     | 9,120.0000  | 0.2094  |
| 14  | B     | 15,380.3605 | 0.3531  | 43  | B     | 10,840.0000 | 0.2486  |
| 15  | B     | 8,684.6685  | 0.2040  | 44  | B     | 10,830.0000 | 0.2486  |
| 16  | B     | 11,011.0000 | 0.2528  | 45  | B     | 9,079.3316  | 0.2084  |
| 17  | B     | 11,017.9765 | 0.2529  | 46  | B     | 9,069.7893  | 0.2080  |
| 18  | B     | 15,076.9817 | 0.3461  | 47  | B     | 9,703.7490  | 0.2228  |

PROJECT NO. 3453  
SHEET 2 OF 16

A & E ENGINEERING INC.  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES  
1330 SAN PEDRO N.E. - SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791



PLAT OF ROYAL OAK  
UNIT 2  
SHEET 2 OF 3



| CURVE DATA |        |        |            |         |        |
|------------|--------|--------|------------|---------|--------|
| KEY        | LENGTH | RADIUS | DELTA      | TANGENT | CHORD  |
| (1)        | 101.13 | 230.00 | 25°11'33"  | 51.40   | 100.32 |
| (2)        | 139.80 | 230.00 | 34°49'29"  | 72.13   | 137.45 |
| (3)        | 72.76  | 230.00 | 18°07'27"  | 36.68   | 72.45  |
| (4)        | 67.04  | 230.00 | 16°42'02"  | 33.76   | 66.80  |
| (5)        | 101.13 | 230.00 | 25°11'33"  | 51.39   | 100.32 |
| (6)        | 41.89  | 30.00  | 80°00'00"  | 25.17   | 38.57  |
| (7)        | 121.56 | 200.00 | 34°49'29"  | 62.72   | 119.70 |
| (8)        | 21.58  | 200.00 | 06°10'57"  | 10.80   | 21.57  |
| (9)        | 99.98  | 200.00 | 28°38'32"  | 54.06   | 98.94  |
| (10)       | 52.36  | 30.00  | 100°00'00" | 34.75   | 45.96  |
| (11)       | 35.44  | 260.00 | 07°48'34"  | 17.75   | 35.41  |
| (12)       | 38.47  | 25.00  | 88°10'37"  | 24.22   | 34.79  |
| (13)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (14)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (15)       | 31.89  | 25.00  | 73°04'57"  | 18.53   | 29.77  |
| (16)       | 37.55  | 260.00 | 08°16'29"  | 18.81   | 37.52  |
| (17)       | 42.68  | 25.00  | 97°48'32"  | 28.66   | 37.68  |
| (18)       | 63.41  | 209.00 | 17°23'00"  | 31.95   | 63.17  |
| (19)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (20)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (21)       | 87.60  | 251.00 | 19°59'43"  | 44.25   | 87.15  |
| (22)       | 37.00  | 25.00  | 84°48'11"  | 22.83   | 37.72  |
| (23)       | 42.68  | 25.00  | 97°48'32"  | 28.66   | 37.68  |
| (24)       | 63.41  | 209.00 | 17°23'00"  | 31.95   | 63.17  |
| (25)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (26)       | 125.50 | 45.00  | 159°47'19" | 252.48  | 88.60  |
| (27)       | 13.46  | 25.00  | 30°51'30"  | 6.90    | 13.30  |
| (28)       | 7.88   | 25.00  | 18°03'34"  | 3.97    | 7.85   |
| (29)       | 64.62  | 45.00  | 82°16'36"  | 39.31   | 59.21  |
| (30)       | 46.71  | 45.00  | 59°28'22"  | 25.71   | 44.64  |
| (31)       | 46.71  | 45.00  | 59°28'22"  | 25.71   | 44.64  |
| (32)       | 60.17  | 45.00  | 59°28'22"  | 25.71   | 44.64  |
| (33)       | 9.97   | 25.00  | 22°51'05"  | 35.55   | 55.79  |
| (34)       | 11.37  | 25.00  | 26°03'58"  | 5.79    | 11.28  |
| (35)       | 11.16  | 45.00  | 14°12'52"  | 5.61    | 11.14  |
| (36)       | 63.91  | 45.00  | 81°22'59"  | 38.69   | 58.67  |
| (37)       | 46.72  | 45.00  | 59°28'22"  | 25.71   | 44.64  |
| (38)       | 46.72  | 45.00  | 59°28'22"  | 25.71   | 44.64  |
| (39)       | 49.69  | 45.00  | 63°16'00"  | 27.72   | 47.20  |
| (40)       | 21.94  | 251.00 | 05°00'26"  | 10.97   | 21.93  |
| (41)       | 65.66  | 251.00 | 14°59'18"  | 33.02   | 65.47  |
| (42)       | 7.73   | 45.00  | 09°50'12"  | 3.87    | 7.72   |
| (43)       | 64.19  | 45.00  | 81°43'14"  | 38.93   | 58.88  |
| (44)       | 53.58  | 45.00  | 68°13'23"  | 30.48   | 50.47  |

AMAFCA PROJECT NO. 2260

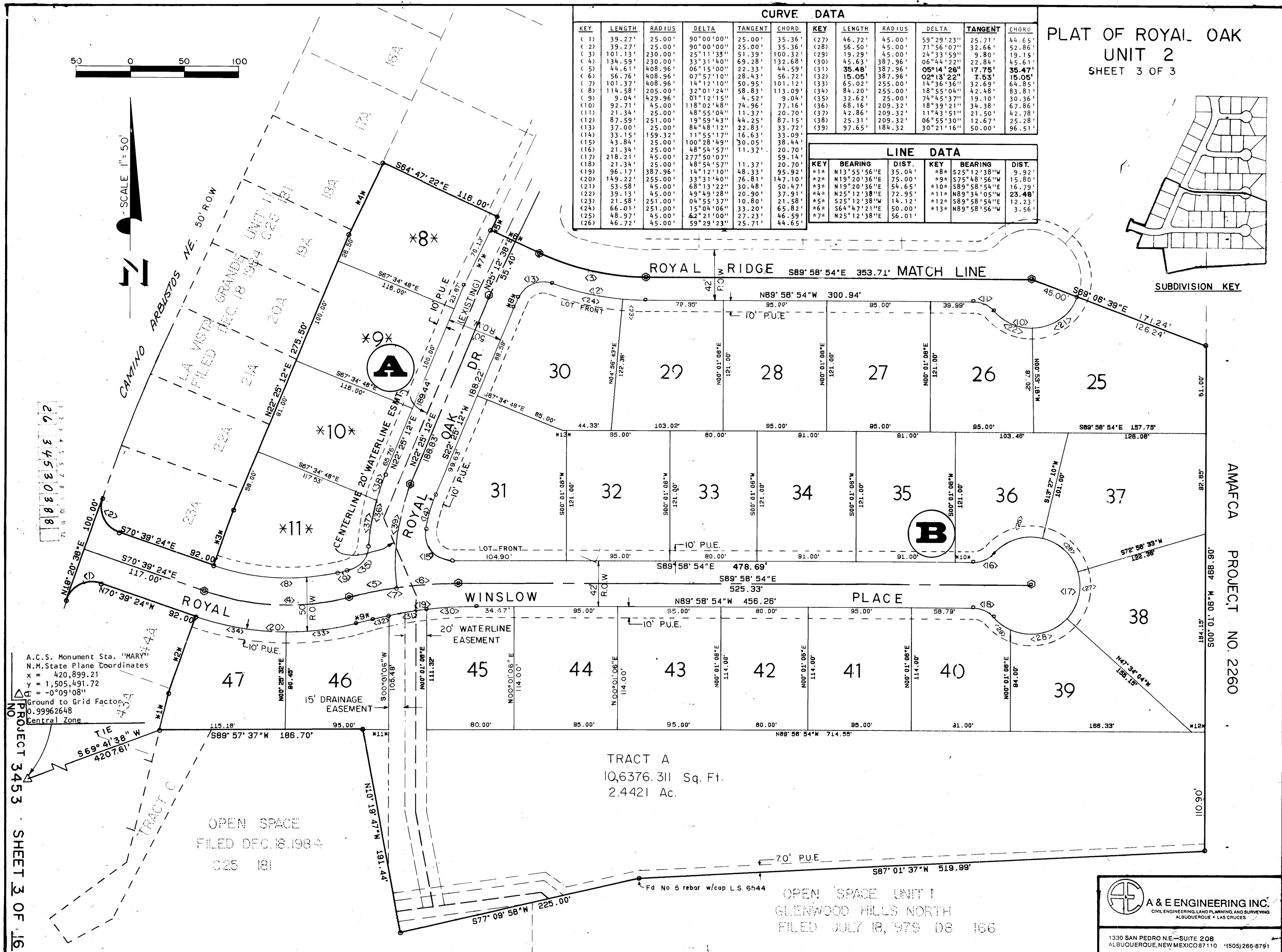
SCALE 1" = 50'



| LINE DATA |             |          |
|-----------|-------------|----------|
| KEY       | BEARING     | DISTANCE |
| *1*       | N64°47'21"W | 50.00    |
| *2*       | N25°12'39"E | 14.12    |
| *3*       | S09°36'51"E | 80.99    |
| *4*       | S64°47'21"E | 25.00    |
| *5*       | S09°36'51"E | 69.86    |
| *6*       | S09°36'51"E | 31.19    |
| *7*       | N89°58'54"W | 7.26     |
| *8*       | N89°58'54"W | 9.46     |
| *9*       | N89°58'54"W | 15.63    |

SUBDIVISION KEY

**A & E ENGINEERING INC.**  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES  
1330 SAN PEDRO N.E. - SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791



| CURVE DATA |        |        |            |         |        |
|------------|--------|--------|------------|---------|--------|
| KEY        | LENGTH | RADIUS | DELTA      | TANGENT | CHORD  |
| (1)        | 39.27  | 25.00  | 90°00'00"  | 35.36   | 35.36  |
| (2)        | 39.27  | 25.00  | 90°00'00"  | 35.36   | 35.36  |
| (3)        | 101.13 | 230.00 | 25°11'33"  | 51.39   | 100.32 |
| (4)        | 134.59 | 230.00 | 33°31'40"  | 69.28   | 132.68 |
| (5)        | 44.61  | 408.96 | 06°15'00"  | 22.33   | 44.59  |
| (6)        | 56.76  | 408.96 | 07°57'10"  | 28.43   | 56.72  |
| (7)        | 101.37 | 408.96 | 14°12'10"  | 50.95   | 101.12 |
| (8)        | 114.58 | 205.00 | 32°01'24"  | 58.83   | 113.09 |
| (9)        | 9.04   | 429.96 | 01°12'15"  | 4.52    | 9.04   |
| (10)       | 92.71  | 45.00  | 118°02'48" | 74.96   | 77.16  |
| (11)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (12)       | 87.59  | 251.00 | 19°59'43"  | 44.25   | 87.15  |
| (13)       | 37.00  | 25.00  | 84°48'12"  | 22.83   | 37.72  |
| (14)       | 33.15  | 159.32 | 11°55'17"  | 16.63   | 33.09  |
| (15)       | 43.84  | 25.00  | 100°28'49" | 30.05   | 38.44  |
| (16)       | 21.34  | 25.00  | 48°55'04"  | 11.37   | 20.70  |
| (17)       | 218.21 | 45.00  | 277°50'07" | 59.14   | 59.14  |
| (18)       | 96.17  | 25.00  | 14°12'10"  | 48.33   | 95.92  |
| (19)       | 149.22 | 255.00 | 33°31'40"  | 76.81   | 147.10 |
| (20)       | 53.58  | 45.00  | 68°13'22"  | 30.48   | 50.47  |
| (21)       | 39.13  | 45.00  | 49°49'28"  | 20.90   | 37.91  |
| (22)       | 21.58  | 251.00 | 04°55'37"  | 10.80   | 21.58  |
| (23)       | 66.01  | 251.00 | 15°04'06"  | 33.20   | 65.82  |
| (24)       | 46.72  | 45.00  | 59°29'23"  | 25.71   | 44.65  |

| CURVE DATA |        |        |           |         |       |
|------------|--------|--------|-----------|---------|-------|
| KEY        | LENGTH | RADIUS | DELTA     | TANGENT | CHORD |
| (25)       | 46.72  | 45.00  | 59°29'23" | 25.71   | 44.65 |
| (26)       | 56.50  | 45.00  | 71°56'07" | 32.66   | 52.86 |
| (27)       | 19.29  | 45.00  | 24°33'59" | 9.80    | 19.15 |
| (28)       | 45.63  | 387.96 | 06°44'22" | 22.84   | 45.61 |
| (29)       | 35.48  | 387.96 | 05°14'26" | 17.75   | 35.47 |
| (30)       | 15.05  | 387.96 | 02°13'22" | 7.53    | 15.05 |
| (31)       | 65.02  | 255.00 | 18°36'36" | 32.69   | 64.85 |
| (32)       | 84.20  | 255.00 | 18°55'04" | 42.48   | 83.81 |
| (33)       | 32.62  | 25.00  | 74°45'37" | 19.10   | 30.36 |
| (34)       | 68.16  | 209.32 | 18°39'21" | 34.38   | 67.86 |
| (35)       | 42.86  | 209.32 | 11°43'51" | 21.50   | 42.78 |
| (36)       | 25.31  | 209.32 | 06°55'30" | 12.67   | 25.28 |
| (37)       | 97.65  | 184.32 | 30°21'16" | 50.00   | 96.51 |

| LINE DATA |             |       |
|-----------|-------------|-------|
| KEY       | BEARING     | DIST. |
| *1*       | N13°55'56"E | 35.04 |
| *2*       | N19°20'36"E | 75.00 |
| *3*       | N19°20'36"E | 54.65 |
| *4*       | N25°12'38"W | 72.95 |
| *5*       | S25°12'38"W | 14.12 |
| *6*       | S64°47'21"E | 50.00 |
| *7*       | N25°12'38"E | 56.01 |
| *8*       | S25°12'38"W | 9.92  |
| *9*       | S75°48'56"W | 15.80 |
| *10*      | S89°58'54"W | 16.79 |
| *11*      | N89°34'05"E | 23.48 |
| *12*      | S89°58'54"W | 12.23 |
| *13*      | N89°58'56"W | 3.56  |

PLAT OF ROYAL OAK  
UNIT 2  
SHEET 3 OF 3

SUBDIVISION KEY

AMAFCA PROJECT NO. 2260

TRACT A  
10,6376.311 Sq. Ft.  
2.4421 Ac.

OPEN SPACE  
FILED DEC. 18, 1984  
C25 181

OPEN SPACE UNIT 1  
GLENWOOD HILLS NORTH  
FILED JULY 18, 1979 DB 166

**A & E ENGINEERING INC.**  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES  
1330 SAN PEDRO N.E. - SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791



DATE 3-11-88

Lot Number )  
Finish Floor Elevation to be .50' Above  
Top of pad elevation.

Retaining Wall

Soil

Hand-drawn cross-section diagram of a retaining wall and garden wall. The diagram shows a vertical wall with a horizontal line at the top labeled "PROPERTY LINE". To the right of the wall is a "FUTURE RUTLEDGE 5' GARDEN WALL". The wall has a "FINISH GRADE" line and a "SEE RET. WALL DETAIL" callout. A vertical dimension of "3.0'" is shown on the right side of the wall. The wall is labeled "R" at the top.

ICOWOOD, A JOINT VENTURE

BY DONALD D. MARTIN AND WILLA H. MARTIN,  
HUSBAND AND WIFE JOINT VENTURE

MARTIN DEVELOPMENT CORP.,  
JOINT VENTURE

BY: Donald D. Martin 1/23/57  
DONALD D. MARTIN  
DATE

BY: Willa H. Martin 1/23/57  
WILLA H. MARTIN  
DATE

BY: Donald D. Martin  
DONALD D. MARTIN  
ITS: PRESIDENT

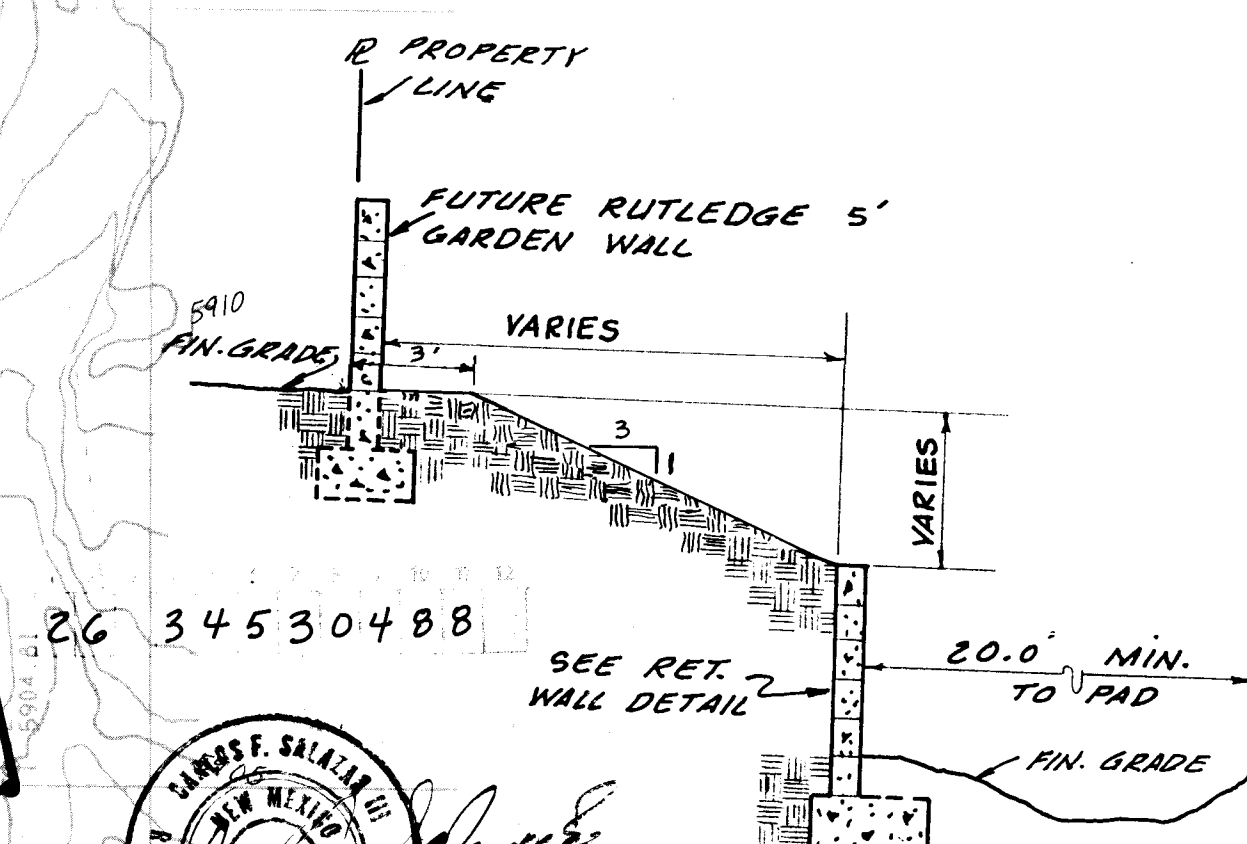
DATE: 1/23/57

APPROVED BY:  
5915  
R.R. RUTLEDGE

*Barbara J. Rutherford*  
BARBARA J. RUTHERFORD

DATE: 12-17-87

DATE 12-17-87



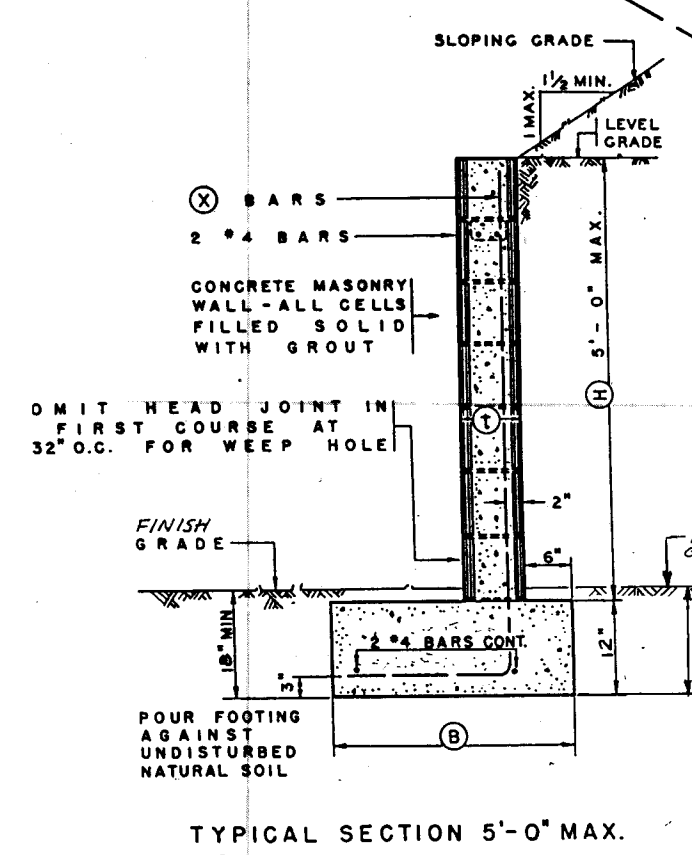
REVISED GRADING 12-16-87  
REVISED GRADING 2-20-88

CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

TITLE: ROYAL OAK, UNIT 2  
GRADING PLAN

| APPROVALS          | ENGINEER           | DATE    | APPROVALS    | ENGINEER           | DATE    |
|--------------------|--------------------|---------|--------------|--------------------|---------|
| City Engineer      | <i>[Signature]</i> | 3/24/88 | Liquid Waste | <i>[Signature]</i> | 3/24/88 |
| A.C.E. - Design    | <i>[Signature]</i> |         | Traffic      | <i>[Signature]</i> | 3/24/88 |
| A.C.F. - Hydrology | <i>[Signature]</i> | 3-24-88 | Water        | <i>[Signature]</i> | 3/24/88 |

|                  |  |              |               |
|------------------|--|--------------|---------------|
| DRAWING NO. 3453 |  | MAP NO. E-22 | SHEET 4 OF 16 |
|------------------|--|--------------|---------------|



NOTE: RETAINING WALL TO BE RE-DESIGNED AT A LATER DATE, PRIOR TO CONSTRUCTION, TO ACCOMMODATE FUTURE 5' HIGH GARDEN WALL.

SCALE: 1" = 50'

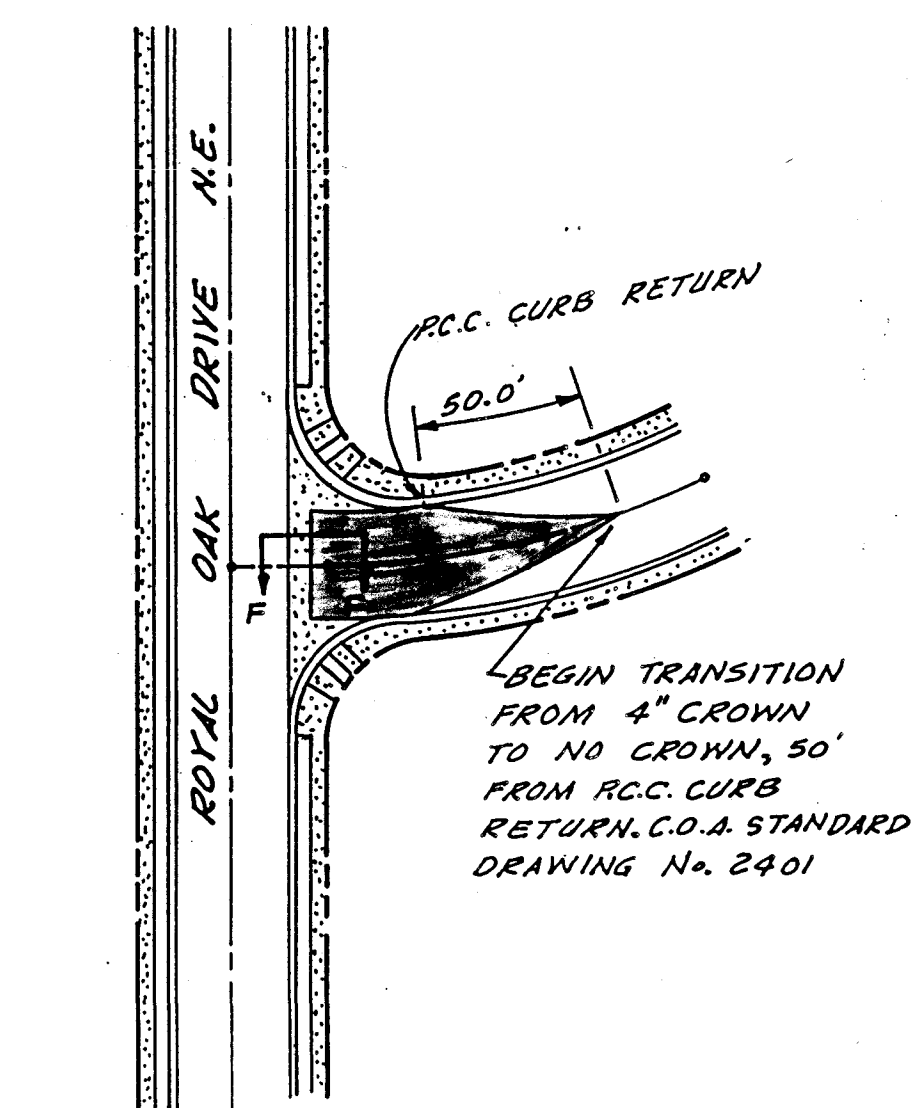
INE — FUTURE GARDEN WALL  
TO BE BUILT ON  
PROPERTY LINE

TYPICAL SIDEYARD DETAIL  
N.T.S.

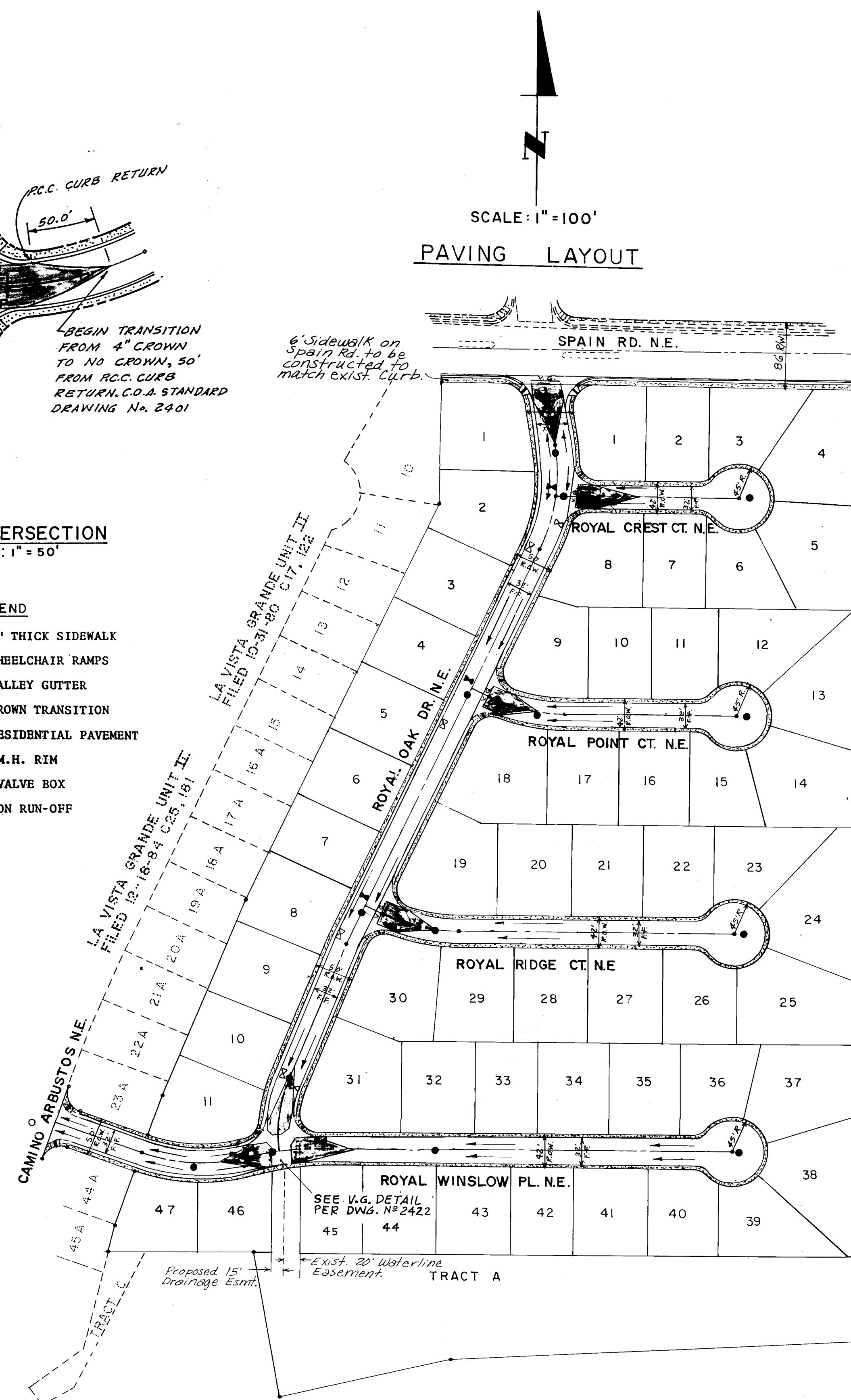
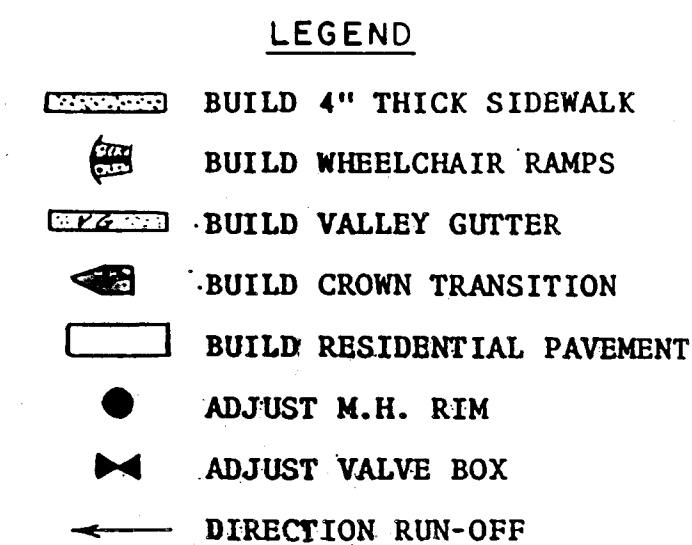
| (H) | (t) | (B)   | (X) BARS       | (Y) BARS |
|-----|-----|-------|----------------|----------|
| 3'  | 8"  | 2'-3" | #3 AT 24" O.C. | _____    |
| 4'  | 8"  | 3'-0" | #4 AT 24" O.C. | _____    |
| 5'  | 8"  | 3'-6" | #5 AT 16" O.C. | _____    |
| 6'  | 12" | 4'-0" | #5 AT 24" O.C. | _____    |
| 7'  | 12" | 4'-9" | #6 AT 16" O.C. | _____    |
| 8'  | 12" | 5'-3" | #6 AT 16" O.C. | _____    |

MAXIMUM STRESSES  
 $f_s = 18,000$  P.S.I.  
 $f_m = 225$  P.S.I.  
 SHEAR  $V = 15$  P.S.I.  
 BOND  $U = 100$  P.S.I.  
 SOIL PRESSURE = 1,000 LBS. PER SQ.FT.  
 CONCRETE TO SOIL  
 COEFFICIENT = 0.4





TYPICAL INTERSECTION  
SCALE: 1" = 50'



SCALE: 1" = 100'

PAVING LAYOUT

**RECORD DRAWING**

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey interviews, the contractor, inspection, and inspection reports performed by A & E Engineering Inc.. The modifications conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque per Development Process Manual, Section 27.4.2 to the best of my knowledge and belief.

### GENERAL NOTES

- 1) WATERLINE MAIN TO BE 6" P.V.C., AND MEET AWWA C900 REQUIREMENTS AND BE UL APPROVED. MINIMUM PRESSURE CLASS SHALL BE 150(DR18). THE PIPE LENGTH SHALL CONTAIN ONE BELL END OR COUPLE WITH AN ELASTOMERIC GASKET. GASKET SHALL MEET THE REQUIREMENTS OF ASTM F 477. THE BELL SHALL HAVE THE SAME STRENGTH AND DR AS THE PIPE. THE PIPE SHALL BE MARKED WITH TWO (2) SEALS OF THE TESTING AGENCY THAT CERTIFIED THE PIPE MATERIAL IS SUITABLE FOR POTABLE WATER USE.
- 2) ALL WATER SERVICE LINES TO BE COPPER SERVICE PIPE. COPPER SERVICE PIPE SHALL CONFORM TO ASTM B 88, AND SHALL BE TYPE K, UNLESS OTHERWISE SPECIFIED. ALL SERVICE PIPE AND FITTINGS SHALL BE DESIGNED TO SUSTAIN AN OPERATING PRESSURE OF 150 P.S.I..
- 3) SAS MAIN LINE TO BE 8" P.V.C., AND MEET THE REQUIREMENTS OF ASTM D 3034. MINIMUM WALL CLASSIFICATIONS SHALL BE SDR 35 OR SDR 26. REQUIREMENTS FOR ONLY SOLID WALL PIPE WILL BE ACCEPTABLE.
- 4) SAS SERVICE LINE LATERALS SHALL BE CAST IRON SOIL PIPE (SEWICE WEIGHT), P.V.C. SCHEDULE 40, OR ABS SCHEDULE 40.
- 5) BUILD MANHOLE TYPE "H" UNLESS OTHERWISE INDICATED.
- 6) NO DEFLECTION TO BE ALLOWED AT JOINTS ON P.V.C. PIPE, DEFLECTION SHALL OCCUR ON THE BARREL WITHIN THE LIMITS SHOWN ON THESE DRAWINGS.



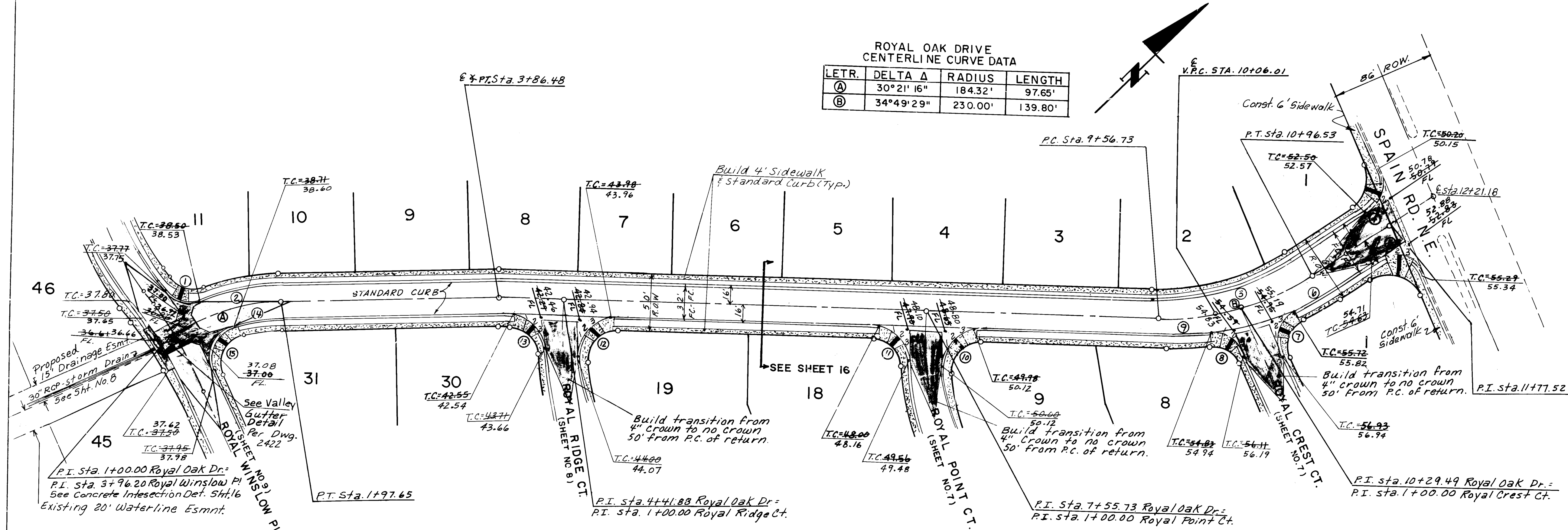
**A & E ENGINEERING INC.**  
 2044 LINDSEY DRIVE, SUITE 100, CHICAGO, ILLINOIS 60614

[illegible]

| CITY OF ALBUQUERQUE<br>MUNICIPAL DEVELOPMENT DEPARTMENT<br>ENGINEERING DIVISION |                    |              |              |                    |         |
|---------------------------------------------------------------------------------|--------------------|--------------|--------------|--------------------|---------|
| TITLE: ROYAL OAK UNIT 2<br>PAVING LAYOUT<br>SEWER & WATERLINE LAYOUT            |                    |              |              |                    |         |
| APPROVALS                                                                       | ENGINEER           | DATE         | APPROVALS    | ENGINEER           | DATE    |
| City Engineer                                                                   | <i>[Signature]</i> | 3/14/00      | Liquid Waste | <i>[Signature]</i> | 3/22/00 |
| A.C.E.-Design                                                                   | " "                |              | Traffic      | <i>[Signature]</i> | 3/16/00 |
| A.C.E.-Hydrology                                                                | CAM                | 3-14-00      | Water        | REGO               | 3/22/00 |
| DRAWING NO. 3453                                                                |                    | MAP NO. F-22 |              | SHEET 5 OF 16      |         |



| ROYAL OAK DRIVE<br>CENTERLINE CURVE DATA |           |         |         |
|------------------------------------------|-----------|---------|---------|
| LETR.                                    | DELTA     | RADIUS  | LENGTH  |
| (A)                                      | 30°21'16" | 184.32' | 97.65'  |
| (B)                                      | 34°49'29" | 230.00' | 139.80' |



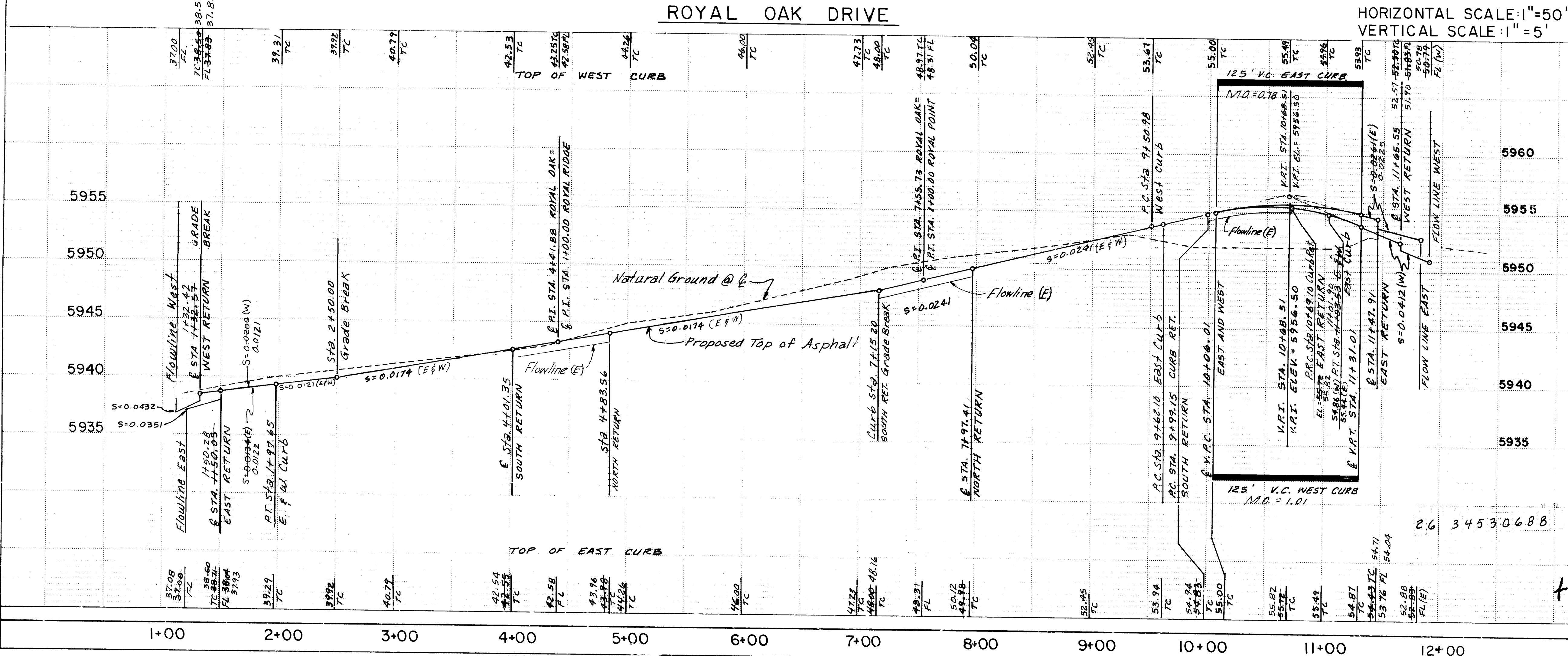
| ROYAL OAK DRIVE<br>CURB CURVE DATA |           |         |         |        |
|------------------------------------|-----------|---------|---------|--------|
| CURVE                              | DELTA     | RADIUS  | LENGTH  | TAN.   |
| 1                                  | 75°08'14" | 25.00'  | 32.78'  | 19.23' |
| 2                                  | 20°16'31" | 200.32' | 70.89'  | 35.82' |
| 3                                  | 34°49'29" | 210.00' | 127.64' | 65.86' |
| 4                                  | 80°00'00" | 30.00'  | 41.89'  | 25.17' |
| 5                                  | 08°25'31" | 250.00' | 52.36'  | 35.75' |
| 6                                  | 88°47'34" | 25.00'  | 36.76'  | 18.41' |
| 7                                  | 73°54'43" | 25.00'  | 38.74'  | 24.48' |
| 8                                  | 09°06'15" | 25.00'  | 39.72'  | 19.90' |
| 9                                  | 94°51'22" | 25.00'  | 41.39'  | 27.21' |
| 10                                 | 86°36'55" | 25.00'  | 37.79'  | 23.57' |
| 11                                 | 94°51'22" | 25.00'  | 41.39'  | 27.21' |
| 12                                 | 86°36'55" | 25.00'  | 37.79'  | 23.57' |
| 13                                 | 14°43'31" | 168.32' | 43.26'  | 21.75' |
| 14                                 | 99°43'24" | 25.00'  | 43.51'  | 29.65' |

| ROYAL OAK DR. N.E. 1/4 PT. ELEV. |       |    |       |
|----------------------------------|-------|----|-------|
| TC                               | FL    | TC | FL    |
| 1                                | 38.32 | 1  | 38.14 |
| 2                                | 38.14 | 2  | 38.33 |
| 3                                | 37.95 | 3  | 38.52 |

| TC | FL    | TC | FL    |
|----|-------|----|-------|
| 1  | 42.84 | 1  | 43.99 |
| 2  | 43.13 | 2  | 43.99 |
| 3  | 43.42 | 3  | 43.98 |

| TC | FL    | TC | FL    |
|----|-------|----|-------|
| 1  | 48.39 | 1  | 49.99 |
| 2  | 48.78 | 2  | 49.99 |
| 3  | 49.17 | 3  | 49.98 |

| TC | FL    | TC | FL    |
|----|-------|----|-------|
| 1  | 55.15 | 1  | 56.48 |
| 2  | 55.47 | 2  | 56.23 |
| 3  | 55.79 | 3  | 55.97 |



RECORD DRAWING  
This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey crews, the contractor, inspection, and inspection reports performed by A & E Engineering Inc. The modifications conform to the minimum requirements of Albuquerque per Department of Public Works Section 21.4 to the best of my knowledge and belief.  
Date: 3/15/88  
Carlos E. Salazar, P.E. 6553

A & E ENGINEERING INC.  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES  
1330 SAN PEDRO N.E. - SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

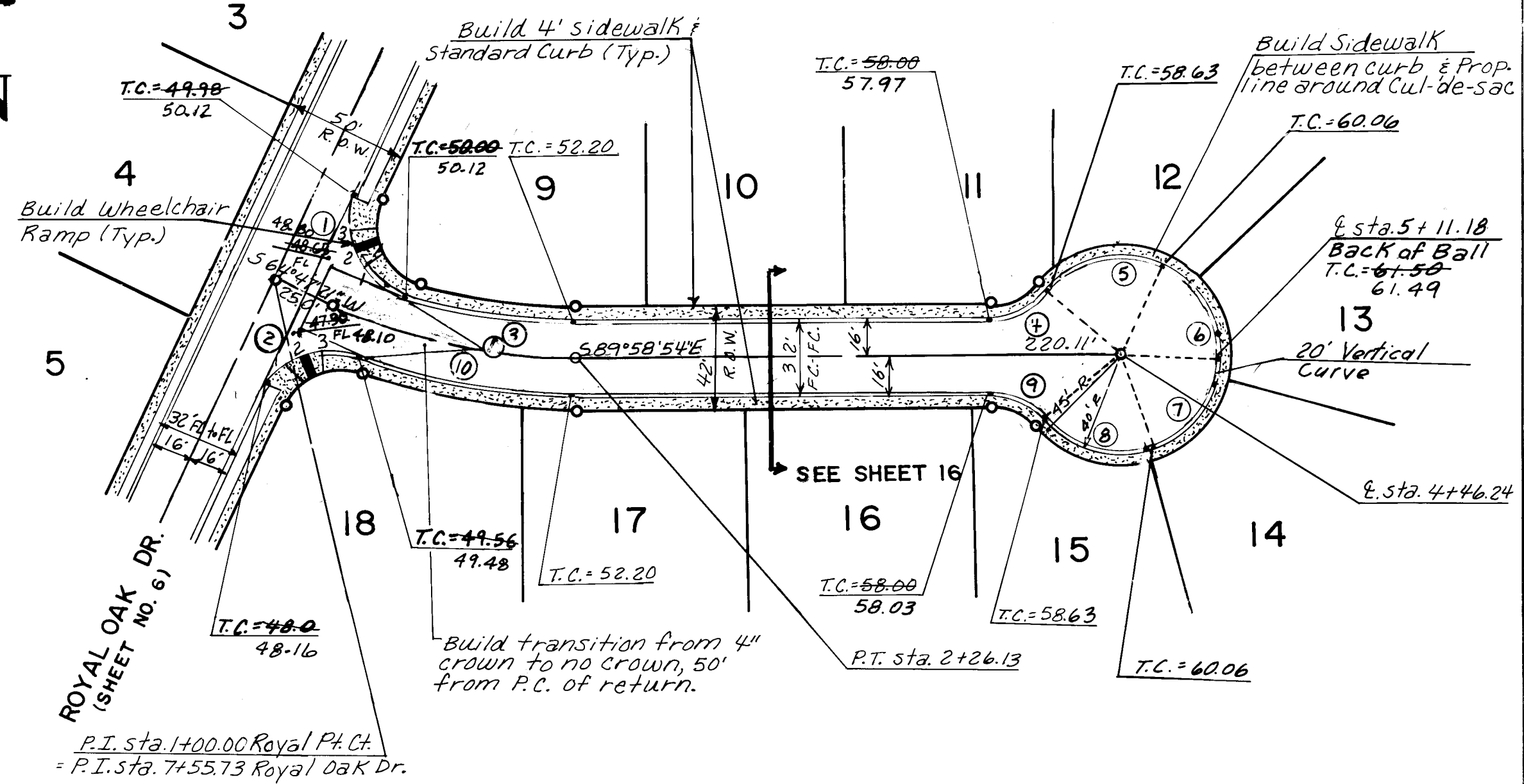
TITLE: ROYAL OAK UNIT 2  
STREET PLAN & PROFILE  
ROYAL OAK DRIVE

| APPROVALS         | ENGINEER | DATE    | APPROVALS    | ENGINEER | DATE    |
|-------------------|----------|---------|--------------|----------|---------|
| City Engineer     | Adolf    | 3/16/88 | Liquid Waste | Adolf    | 3/22/88 |
| A & E - Design    | "        | "       | Traffic      | Adolf    | 3/22/88 |
| A & E - Hydrology | CAM      | 3-16-88 | Water        | Adolf    | 3/22/88 |

DRAWING NO. 3453 MAP NO. F-22 SHEET 6 OF 16

| AS BUILT INFORMATION |      | BENCH MARKS                                   |      | SURVEY INFORMATION |    | ENGINEER'S SEAL |      |
|----------------------|------|-----------------------------------------------|------|--------------------|----|-----------------|------|
| CONTRACT NO.         | DATE | BM. STATION                                   | DATE | NO.                | BY | NO.             | DATE |
| INSPECTOR            | DATE | Manitoba St. 100' West of Tramway Blvd.       | DATE |                    |    |                 |      |
| ACCURACY             | DATE | The Station is a standard A.C.S. Brass tablet | DATE |                    |    |                 |      |
| VERIFICATION         | DATE | simplified "1-F22" set in top of a concrete   | DATE |                    |    |                 |      |
| REVISION             | DATE | post projecting 0.3' above ground             | DATE |                    |    |                 |      |
| REVISION             | DATE | ELEVATION = 5957.02'                          | DATE |                    |    |                 |      |
| REVISION             | DATE |                                               | DATE |                    |    |                 |      |





| ROYAL POINT COURT<br>CENTERLINE CURVE DATA |                |         |         |
|--------------------------------------------|----------------|---------|---------|
| LETR.                                      | DELTA $\Delta$ | RADIUS  | LENGTH  |
| (A)                                        | 25° 11' 33"    | 230.00' | 101.13' |

| ROYAL CREST CT. CURB CURVE DATA |           |        |        |        |
|---------------------------------|-----------|--------|--------|--------|
| CUR.                            | DELTA     | RADIUS | LENGTH | TAN.   |
| 1                               | 88°47'34" | 25.00' | 38.75' | 24.48' |
| 2                               | 73°54'43" | 25.00' | 32.25' | 18.81' |
| 3                               | 48°55'04" | 25.00' | 21.34' | 11.37' |
| 4                               | 69°27'32" | 40.00' | 48.49' | 27.73' |
| 5                               | 69°27'32" | 40.00' | 48.49' | 27.73' |
| 6                               | 69°27'32" | 40.00' | 48.49' | 27.73' |
| 7                               | 69°27'32" | 40.00' | 48.49' | 27.73' |
| 8                               | 48°55'04" | 25.00' | 21.34' | 11.37' |

| ROYAL CREST CT. N.E. 1/4 PT. ELEV. |       |       |   |       |       |
|------------------------------------|-------|-------|---|-------|-------|
| ①                                  |       |       | ② |       |       |
|                                    | TC    | FL    |   | TC    | FL    |
| 1                                  | 56.48 | 55.81 | 1 | 55.15 | 54.48 |
| 2                                  | 56.23 | 55.56 | 2 | 55.47 | 54.80 |
| 3                                  | 55.97 | 55.30 | 3 | 55.79 | 55.12 |

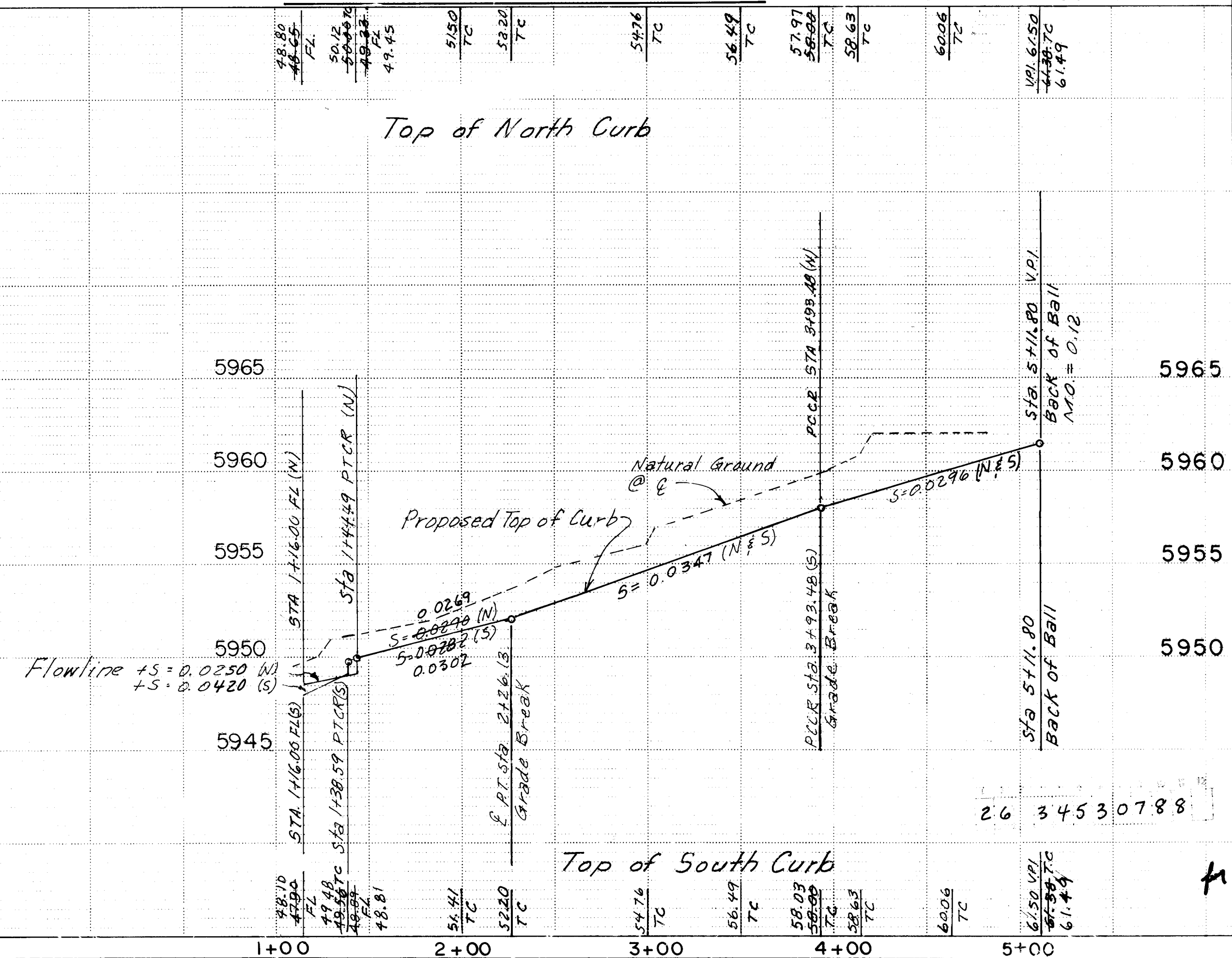
| ROYAL POINT CT. CURB CURVE DATA |             |           |        |        |
|---------------------------------|-------------|-----------|--------|--------|
| CUR.                            | DELTA       | RADIUS    | LENGTH | TAN.   |
| 1                               | 94°51'22"11 | 25.00'0"  | 41.39' | 27.21' |
| 2                               | 86°36'55"11 | 25.00'0"  | 37.79' | 23.57' |
| 3                               | 20°20'11"00 | 214.00'0" | 75.96' | 38.38' |
| 4                               | 48°55'04"00 | 25.00'0"  | 21.34' | 11.37' |
| 5                               | 69°27'32"11 | 40.00'0"  | 48.49' | 27.73' |
| 6                               | 69°27'32"11 | 40.00'0"  | 48.49' | 27.73' |
| 7                               | 69°27'32"11 | 40.00'0"  | 48.49' | 27.73' |
| 8                               | 69°27'32"11 | 40.00'0"  | 48.49' | 27.73' |
| 9                               | 21°55'04"00 | 25.00'0"  | 21.34' | 11.37' |
| 10                              | 48°48'27"11 | 246.00'0" | 93.63' | 47.39' |

4

| ROYAL POINT CT. N.E. 1/4 PT. ELEV. |       |       |   |       |       |
|------------------------------------|-------|-------|---|-------|-------|
| ①                                  |       |       | ② |       |       |
|                                    | TC    | FL    |   | TC    | FL    |
| 1                                  | 49.99 | 49.32 | 1 | 48.39 | 47.72 |
| 2                                  | 49.99 | 49.32 | 2 | 48.78 | 48.11 |
| 3                                  | 49.98 | 49.31 | 3 | 49.17 | 48.50 |

ROYAL POINT COURT N.E.

HORIZONTAL SCALE: 1" = 50'  
VERTICAL SCALE: 1" = 5'



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey crews, the contractor, inspection, and inspection reports performed by A E Engineering Inc.. The modifications conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque per Development Process Manual Section 27.4. to the best of my knowledge and belief.



 **A & E ENGINEERING INC.**  
CIVIL ENGINEERING, LAND PLANNING, AND SURVEYING  
ALBUQUERQUE • LAS CRUCES

1330 SAN PEDRO N.E.—SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

TITLE: ROYAL OAK, UNIT 2  
STREET PLAN & PROFILE  
ROYAL CREST CT. & ROYAL POINT CT.

| APPROVALS         | ENGINEER           | DATE    | APPROVALS    | ENGINEER           | DATE    |
|-------------------|--------------------|---------|--------------|--------------------|---------|
| City Engineer     | <i>[Signature]</i> | 3/24/00 | Liquid Waste | REGD               | 3/22/00 |
| A C E - Design    | <i>[Signature]</i> |         | Traffic      | <i>[Signature]</i> | 3/24/00 |
| A C E - Hydrology | CAM                | 3-16-00 | Water        | REGD               | 3/22/00 |

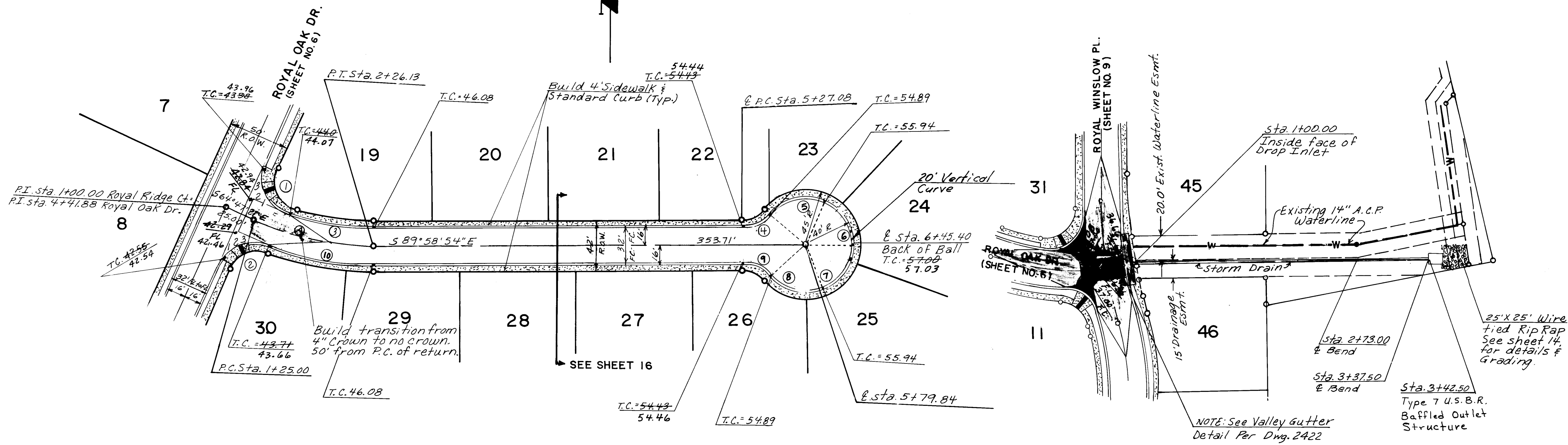
|             |      |         |      |       |   |    |    |
|-------------|------|---------|------|-------|---|----|----|
| DRAWING NO. | 3453 | MAP NO. | F-22 | SHEET | 7 | OF | 16 |
|-------------|------|---------|------|-------|---|----|----|



| ROYAL RIDGE COURT CENTERLINE CURVE DATA |             |         |         |
|-----------------------------------------|-------------|---------|---------|
| LETR.                                   | DELTA Δ     | RADIUS  | LENGTH  |
| ②                                       | 25° 11' 33" | 230.00' | 101.13' |

| ROYAL RIDGE CT. CURB CURVE DATA |             |         |        |        |
|---------------------------------|-------------|---------|--------|--------|
| CRV.                            | DELTA       | RADIUS  | LENGTH | TAN.   |
| 1                               | 94° 51' 22" | 25.00'  | 41.39' | 27.21' |
| 2                               | 86° 36' 55" | 25.00'  | 37.39' | 23.57' |
| 3                               | 20° 20' 10" | 214.00' | 75.96' | 38.38' |
| 4                               | 48° 55' 04" | 25.00'  | 21.34' | 11.37' |
| 5                               | 69° 27' 32" | 40.00'  | 48.49' | 27.73' |
| 6                               | 69° 27' 32" | 40.00'  | 48.49' | 27.73' |
| 7                               | 69° 27' 32" | 40.00'  | 48.49' | 27.73' |
| 8                               | 69° 27' 32" | 40.00'  | 48.49' | 27.73' |
| 9                               | 48° 55' 04" | 25.00'  | 21.34' | 11.37' |
| 10                              | 21° 48' 12" | 246.00' | 93.63' | 47.39' |

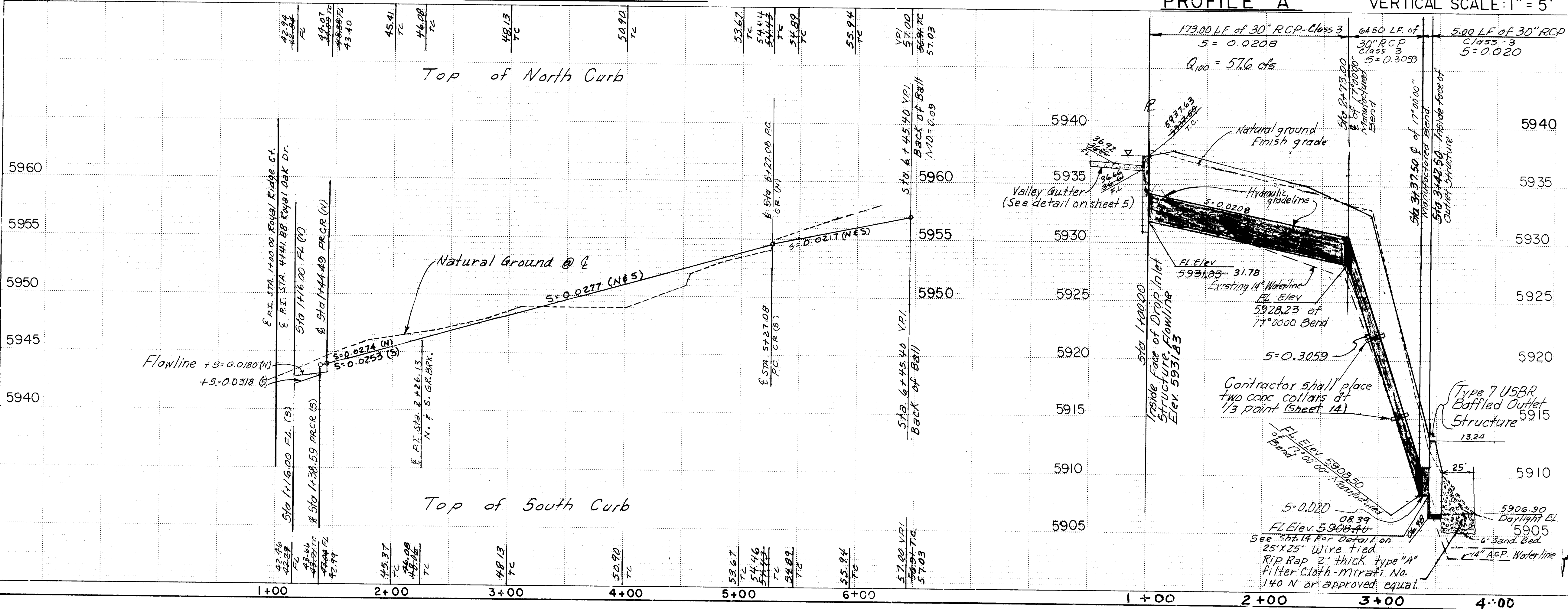
| ROYAL RIDGE CT. N.E. 1/4 PT. ELEV. |       |    |       |
|------------------------------------|-------|----|-------|
| TC                                 | FL    | TC | FL    |
| 1                                  | 43.99 | 1  | 42.84 |
| 2                                  | 43.99 | 2  | 43.13 |
| 3                                  | 43.98 | 3  | 43.42 |
|                                    | 43.31 |    | 42.75 |



ROYAL RIDGE COURT N.E.

PROFILE "A"

HORIZONTAL SCALE: 1"=50'  
VERTICAL SCALE: 1"=5'



RECORD DRAWING  
This drawing as modified shows public improvements as shown on the plan view. These modifications have been made using information and data furnished by the field survey crews, the contractor, and the inspection and record drawings performed by A & E Engineering Inc. The modifications conform to the minimum requirements of the City of Albuquerque per Development Process Manual Section 21.4.6, the best of my knowledge and belief.

A & E ENGINEERING INC.  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
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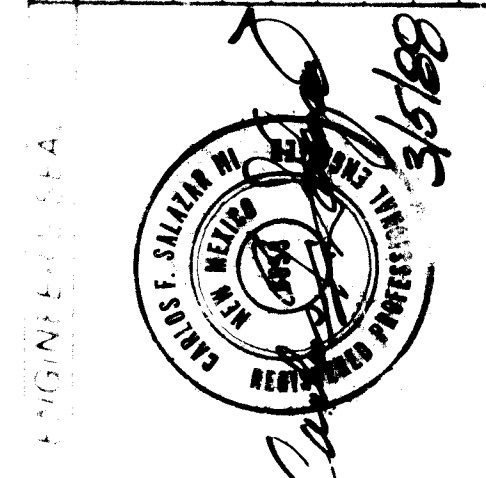
CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

TITLE ROYAL OAK UNIT 2  
STREET PLAN & PROFILE  
ROYAL RIDGE CT. & PROFILE "A"

City Engineer: *[Signature]* 3/2/88  
A.C.E. Design: *[Signature]* 3/2/88  
A.C.E. Hydrology: CAM 3-14-88

DRAWING NO. 3453 MAP NO. F-22 SHEET 8 OF 16

AS BUILT INFORMATION  
BENCH MARKS  
BM STATION is located on the North side of Manitoba St., 100' ft. West of Tronway Blvd. The Station is a standard A.C.S. Brass inlet stamped "1-F22" set in top of concrete post projecting 0.3' ft above ground ELEVATION: 5957.02'

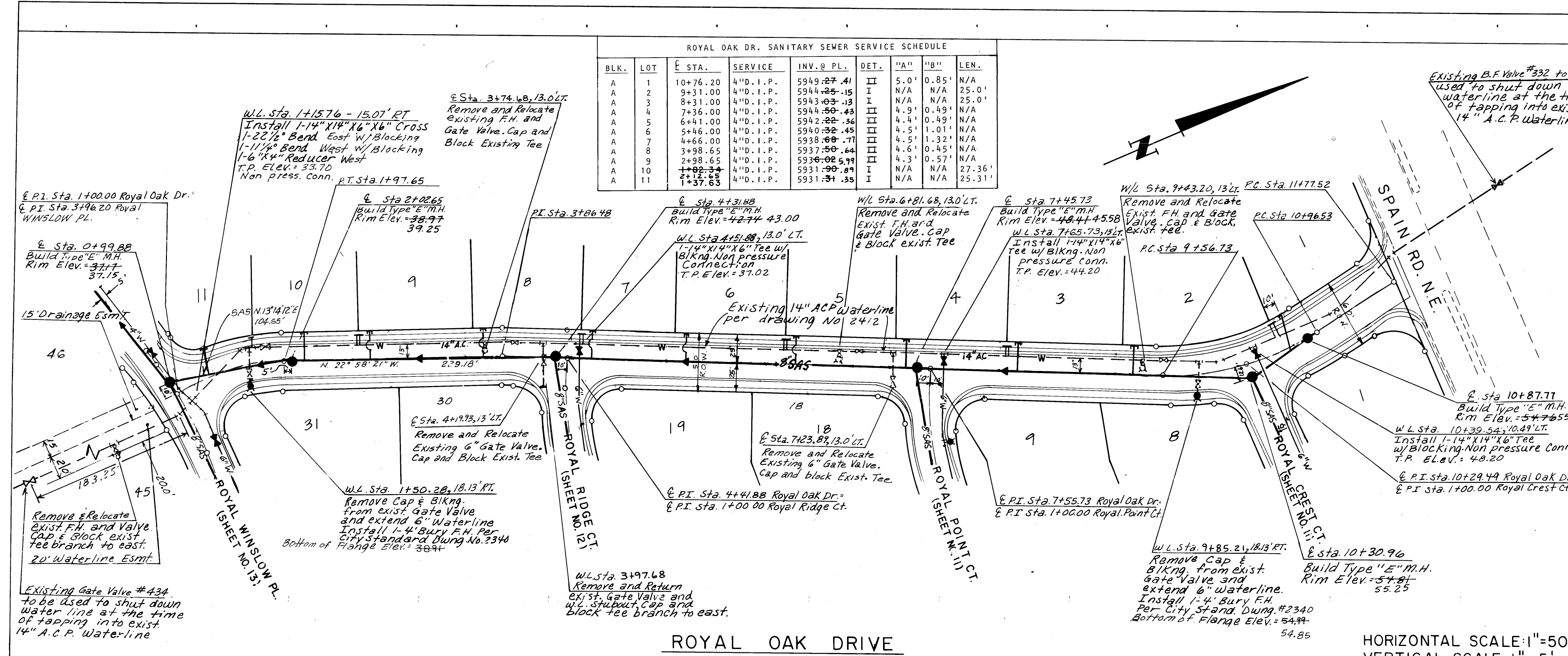


REVISIONS  
NO. DATE BY  
1 12-13-87 JFE  
2 12-23-88 JFE  
3 3-3-88 JFE

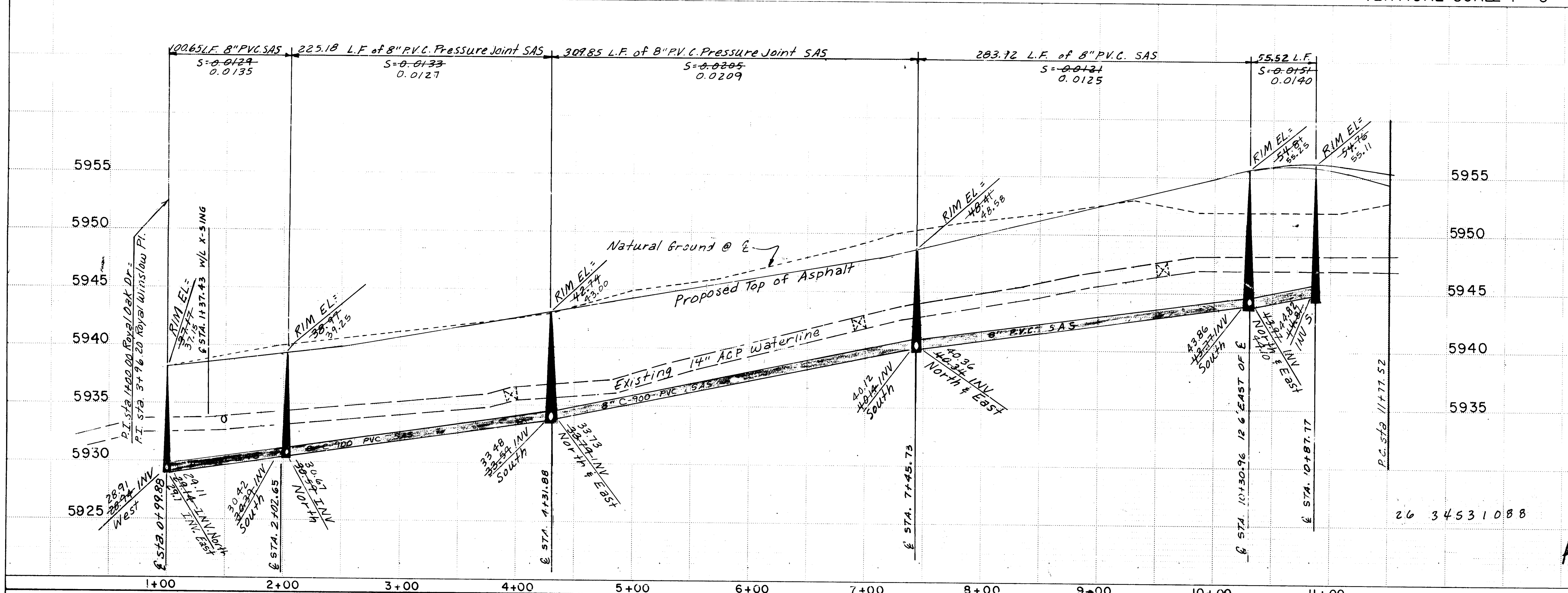








| BASELINE DATA                                                           |                          |
|-------------------------------------------------------------------------|--------------------------|
| ROYAL OAK DR. N.E.                                                      |                          |
| BASELINE IS EQUAL TO CENTERLINE OF ST.                                  |                          |
| E. P.I. STA. 1 + 00.00 (ROYAL OAK DR.) =                                |                          |
| E. P.I. STA. 3 + 96.20 (ROYAL WINSLOW PL.)                              |                          |
| E. STA. 1 + 00.00 - E. STA. 1 + 97.65 (PT)                              |                          |
| ( = 30°21'16" )                                                         |                          |
| R = 184.32'                                                             |                          |
| L = 97.65'                                                              |                          |
| T = 50.00'                                                              |                          |
| E. STA. 1 + 97.65 - E. STA. 3 + 86.48 (AP)                              |                          |
| (N 22°25'12"E, 188.83')                                                 |                          |
| E. STA. 3 + 86.48 - E. STA. 9 + 56.73 (PC)                              |                          |
| (N 25°12'38"E, 570.25')                                                 |                          |
| E. STA. 9 + 56.73 - E. STA. 10 + 96.53 (PT)                             |                          |
| ( = 34°49'25" )                                                         |                          |
| R = 230.00'                                                             |                          |
| L = 139.80'                                                             |                          |
| T = 72.13'                                                              |                          |
| E. STA. 10 + 96.53 - E. STA. 11 + 77.52                                 |                          |
| (EDGE OF PROPERTY)                                                      |                          |
| (N 09°36'51"E, 80.99')                                                  |                          |
| 3/4" WATER SERVICE SCHEDULE                                             |                          |
| LOT NO.                                                                 | W/L STA. WATER SVC. TYPE |
| 11                                                                      | 1+70.96 SINGLE           |
| 9 & 10                                                                  | 2+63.39 DOUBLE           |
| 7 & 8                                                                   | 4+56.61 DOUBLE           |
| 5 & 6                                                                   | 6+31.61 DOUBLE           |
| 3 & 4                                                                   | 8+21.61 DOUBLE           |
| 1 & 2                                                                   | 10+64.51 DOUBLE          |
| WATER DISTRIBUTION SYSTEM                                               |                          |
| 1. Stations are based on street E                                       |                          |
| 2. Water pipe shall be ductile iron, or P.V.C.                          |                          |
| 3. Water line shall have min. cover of 3.67' top of pipe to top of curb |                          |
| LEGEND                                                                  |                          |
| — W —                                                                   | NEW WATERLINE            |
| — SAS —                                                                 | NEW SANITARY SEWER       |
| — MH —                                                                  | NEW MANHOLE              |
| — GV —                                                                  | GATE VALVE               |
| — FH —                                                                  | FIRE HYDRANT             |
| — SS —                                                                  | SEWER SERVICE            |
| — WS —                                                                  | WATER SERVICE            |



RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey crews, the contractor, inspection, and inspection reports performed by A & E Engineering Inc.. The modifications conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque. The City Engineer's Office will be notified of any modifications to this drawing.

Carlos F. Salazar III P.E. 6553

A & E ENGINEERING INC.

CIVIL ENGINEERING, LAND PLANNING, AND SURVEYING

ALBUQUERQUE • LAS CRUCES

1330 SAN PEDRO N.E. SUITE 208

ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

CITY OF ALBUQUERQUE

MUNICIPAL DEVELOPMENT DEPARTMENT

ENGINEERING DIVISION

TITLE: ROYAL OAK UNIT 2

SANITARY SEWER & WATER PLAN & PROFILE

ROYAL OAK DRIVE

26 3453 1088

| APPROVALS         | ENGINEER           | DATE    | APPROVALS    | ENGINEER           | DATE   |
|-------------------|--------------------|---------|--------------|--------------------|--------|
| City Engineer     | Michael J. Salazar | 7/2/88  | Liquid Waste | Michael J. Salazar | 7/2/88 |
| A & E - Design    | "                  | "       | Traffic      | "                  | "      |
| A & E - Hydrology | CAM                | 7-11-88 | Water        | "                  | "      |

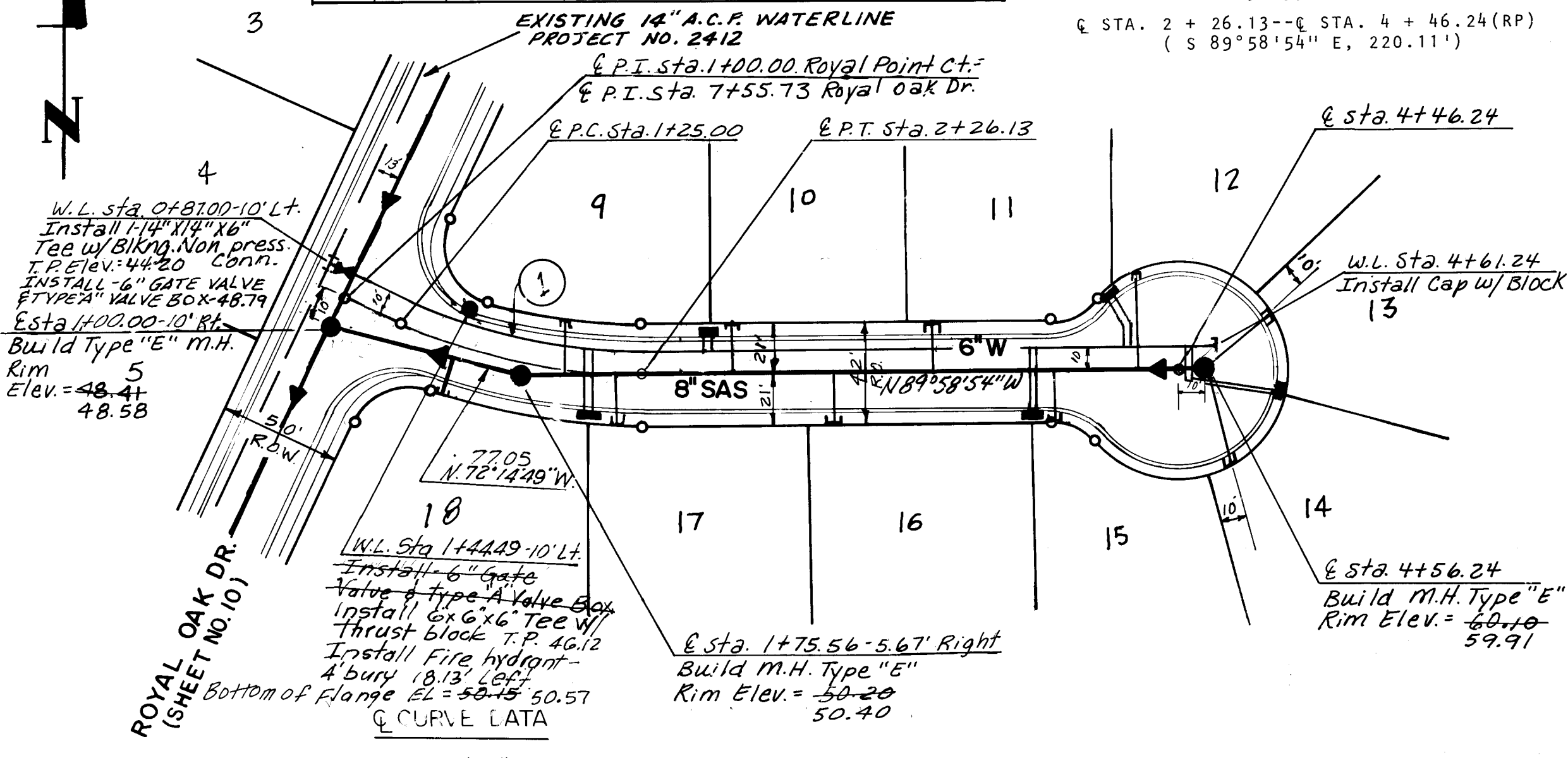
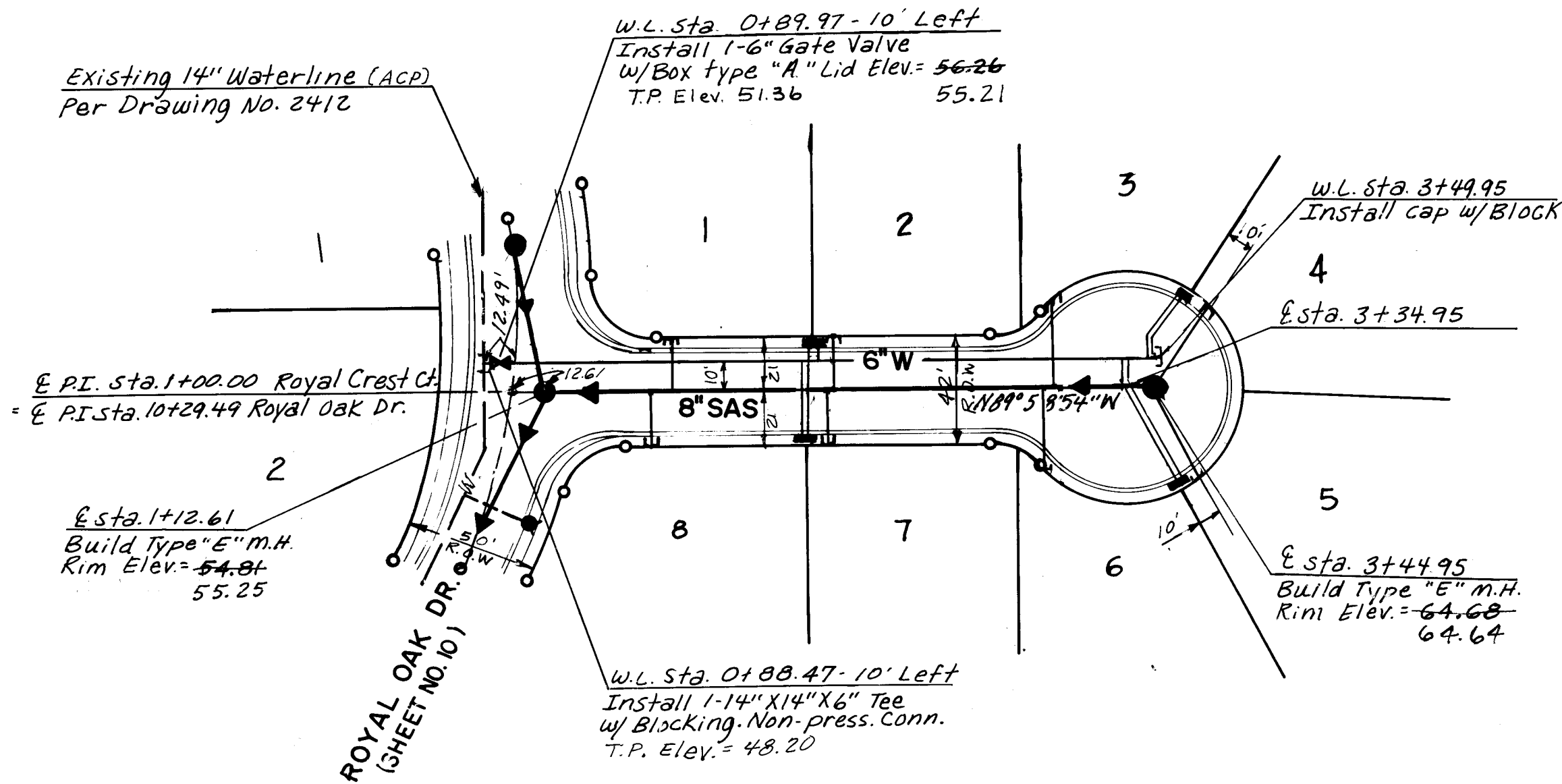


| ROYAL CREST DR. SANITARY SEWER SERVICES SCHEDULE |     |         |             |            |      |        |
|--------------------------------------------------|-----|---------|-------------|------------|------|--------|
| BLK.                                             | LOT | STA.    | SERVICE     | INV. @ PL. | DET. | LENGTH |
| B                                                | 1   | 1+60.01 | 4" D. I. P. | 5948.24    | I    | 25.00' |
| B                                                | 2   | 2+25.01 | 4" D. I. P. | 5954.20    | I    | 25.00' |
| B                                                | 3   | 3+05.01 | 4" D. I. P. | 5956.69    | I    | 33.59' |
| B                                                | 4   | 3+67.43 | 4" D. I. P. | 5958.73    | I    | 36.41' |
| B                                                | 5   | 3+64.19 | 4" D. I. P. | 5958.74    | I    | 37.24' |
| B                                                | 6   | 3+03.17 | 4" D. I. P. | 5956.66    | I    | 31.86' |
| B                                                | 7   | 2+23.18 | 4" D. I. P. | 5951.64    | I    | 25.00' |
| B                                                | 8   | 1+53.17 | 4" D. I. P. | 5947.65    | I    | 25.00' |

BASELINE DATA  
ROYAL CREST COURT N.E.  
BASELINE IS EQUAL TO CENTERLINE OF ST.  
E P.I. STA. 10 + 29.49 (ROYAL OAK DR.) =  
E P.I. STA. 1 + 00.00 (ROYAL CREST CT.)  
E STA. 1 + 00.00 -- E STA. 3 + 34.45 (RP)  
(S 89°58'54" E, 234.95')

| ROYAL POINT CT. SANITARY SEWER SERVICES SCHEDULE |     |         |             |            |      |        |
|--------------------------------------------------|-----|---------|-------------|------------|------|--------|
| BLK.                                             | LOT | STA.    | SERVICE     | INV. @ PL. | DET. | LENGTH |
| B                                                | 9   | 1+95.62 | 4" D. I. P. | 5945.31    | I    | 22.84' |
| B                                                | 10  | 2+65.62 | 4" D. I. P. | 5947.75    | I    | 25.00' |
| B                                                | 11  | 3+45.62 | 4" D. I. P. | 5950.49    | I    | 25.00' |
| B                                                | 12  | 4+30.62 | 4" D. I. P. | 5953.77    | I    | 42.20' |
| B                                                | 13  | 4+85.02 | 4" D. I. P. | 5954.29    | I    | 34.73' |
| B                                                | 14  | 4+66.79 | 4" D. I. P. | 5954.39    | I    | 39.40' |
| B                                                | 15  | 3+96.22 | 4" D. I. P. | 5952.23    | I    | 25.00' |
| B                                                | 16  | 3+05.22 | 4" D. I. P. | 5949.11    | I    | 25.00' |
| B                                                | 17  | 2+14.19 | 4" D. I. P. | 5945.99    | I    | 25.00' |
| B                                                | 18  | 1+54.19 | 4" D. I. P. | 5943.61    | I    | 25.00' |

BASELINE DATA  
ROYAL POINT COURT N.E.  
BASELINE IS EQUAL TO CENTERLINE OF ST.  
E P.I. STA. 7 + 55.73 (ROYAL OAK DR.) =  
E P.I. STA. 1 + 00.00 (ROYAL POINT CT.)  
E STA. 1 + 00.00 -- E STA. 1 + 25.00  
(S 64°47'21" E, 25.00')  
E STA. 1 + 25.00 -- E STA. 2 + 26.13  
(S 25°11'32" E, 25.00')  
R = 230.00'  
L = 101.13'  
T = 51.39'  
E STA. 2 + 26.13 -- E STA. 4 + 46.24 (RP)  
(S 89°58'54" E, 220.11')



| CURVE DATA OF PIPES - 6" PVC |         |         |                  |        |
|------------------------------|---------|---------|------------------|--------|
| NO.                          | PC STA. | PT STA. | R                | L      |
| ①                            | 1+25.00 | 2+26.13 | 220' 25" 11' 32" | 96.73' |

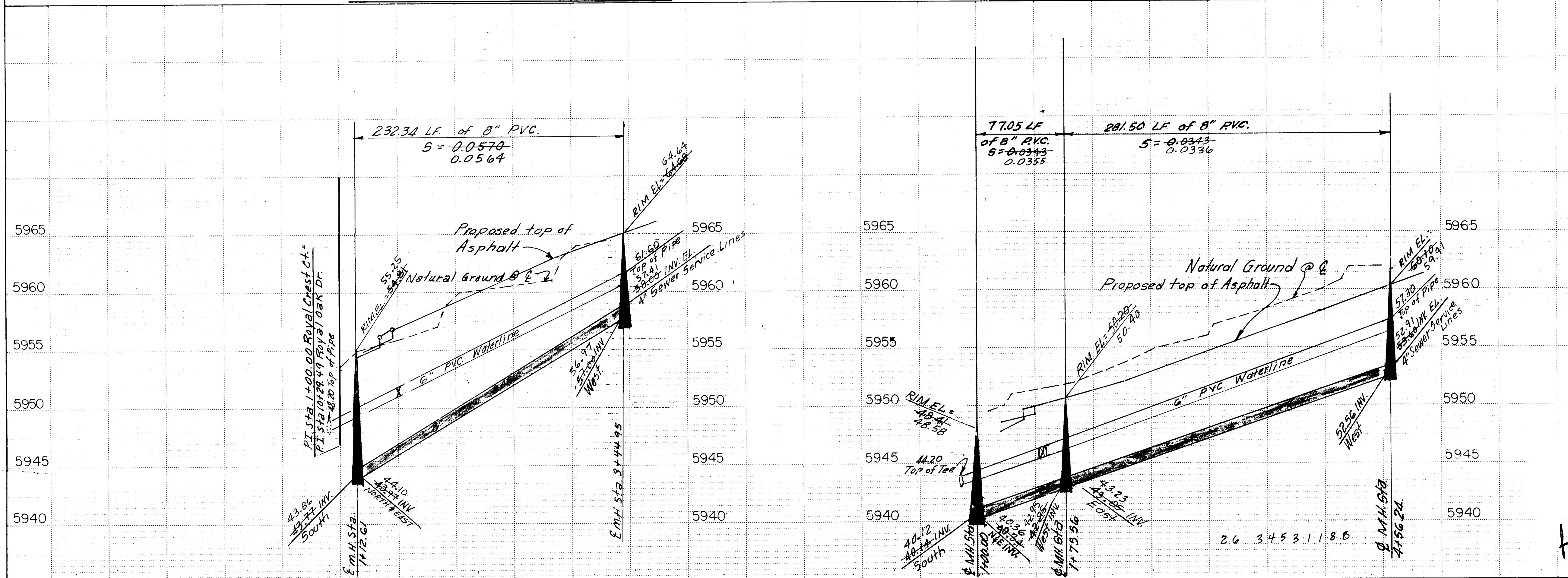
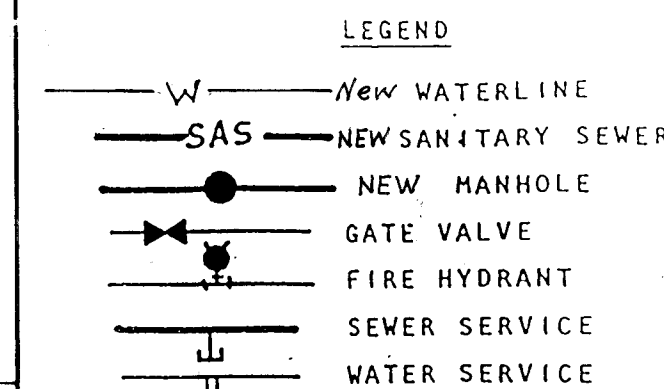
ROYAL CREST COURT N.E.

ROYAL POINT COURT N.E.

HORIZONTAL SCALE: 1" = 50'  
VERTICAL SCALE: 1" = 5'

| ROYAL POINT 3/4" WATER SVC. SCHEDULE |          |            |
|--------------------------------------|----------|------------|
| LOT NO.                              | W/L STA. | SERV. TYPE |
| 9610                                 | 1+95.62  | DOUBLE     |
| 11612                                | 4+34.46  | DOUBLE     |
| 13614                                | 4+48.48  | DOUBLE     |
| 15616                                | 3+86.22  | DOUBLE     |
| 17618                                | 2+04.19  | DOUBLE     |

| ROYAL CREST 3/4" WATER SVC. SCHEDULE |          |            |
|--------------------------------------|----------|------------|
| LOT NO.                              | W/L STA. | SERV. TYPE |
| 162                                  | 2+15.01  | DOUBLE     |
| 384                                  | 3+46.19  | DOUBLE     |
| 566                                  | 3+35.19  | DOUBLE     |
| 768                                  | 2+18.13  | DOUBLE     |



RECORD DRAWING

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Carlos F. Salazar III P.E. 0553

A & E ENGINEERING INC.  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES

1330 SAN PEDRO N.E. - SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

TITLE: ROYAL OAK, UNIT 2  
SANITARY SEWER & WATER PLAN & PROFILE  
ROYAL CREST CT. & ROYAL POINT CT.

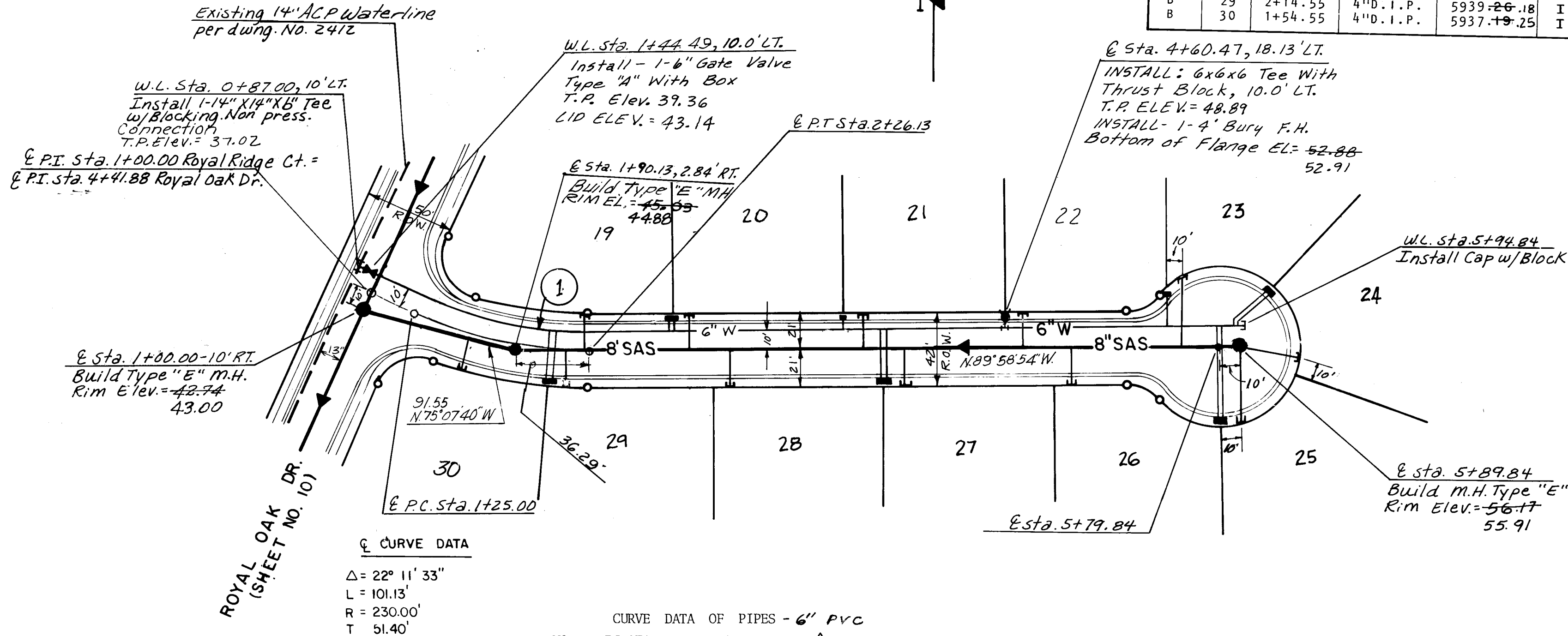
| APPROVALS         | ENGINEER    | DATE    | APPROVALS    | ENGINEER | DATE    |
|-------------------|-------------|---------|--------------|----------|---------|
| City Engineer     | John A. ... | 3/16/88 | Liquid Waste | ...      | 3/22/88 |
| A & E - Design    | ...         | ...     | Traffic      | ...      | ...     |
| A & E - Hydrology | CAM         | 3-16-88 | Water        | ...      | 3-22-88 |

DESIGNED BY C.S. T.F.E. DATE 12-13-87  
DRAWN BY R.B. S.D. DATE 12-23-87  
CHECKED BY C.S. DATE 1-3-88

DRAWING NO. 3453 MAP NO. F-22 SHEET 11 OF 16

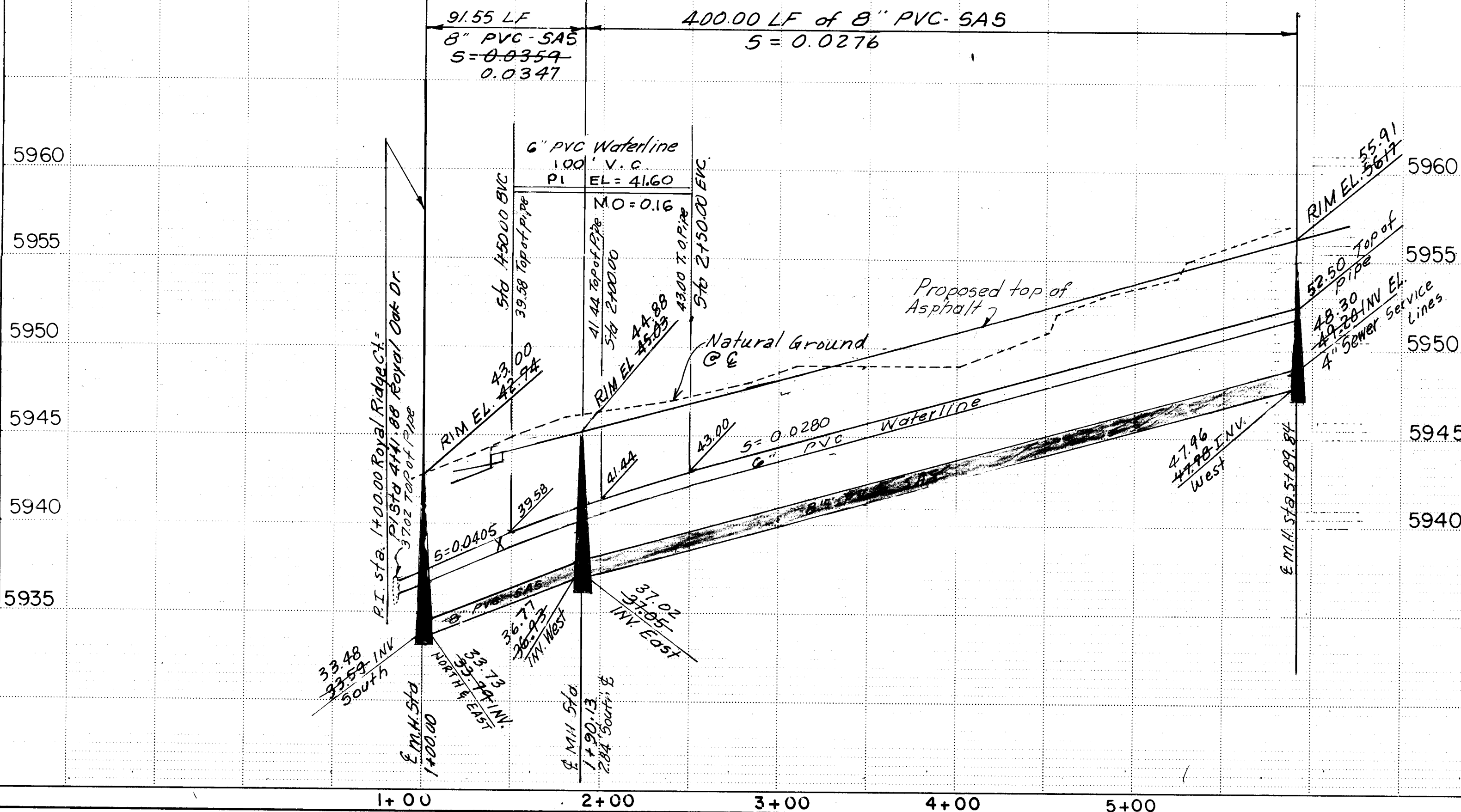


| ROYAL RIDGE CT. SANITARY SEWER SERVICES SCHEDULE |     |         |            |                        |      |        |
|--------------------------------------------------|-----|---------|------------|------------------------|------|--------|
| BLK.                                             | LOT | € STA.  | SERVICE    | INV. @ PL.             | DET. | LENGTH |
| B                                                | 19  | 2+24.47 | 4"ID. I.P. | 5939- <del>62.64</del> | I    | 25.00' |
| B                                                | 20  | 2+64.87 | 4"ID. I.P. | 5941- <del>69.18</del> | I    | 25.00' |
| B                                                | 21  | 3+79.47 | 4"ID. I.P. | 5943- <del>90.81</del> | I    | 25.00' |
| B                                                | 22  | 4+70.47 | 4"ID. I.P. | 5946- <del>92.44</del> | I    | 25.00' |
| B                                                | 23  | 5+61.47 | 4"ID. I.P. | 5949- <del>95.27</del> | I    | 41.08' |
| B                                                | 24  | 6+24.39 | 4"ID. I.P. | 5949- <del>95.05</del> | I    | 35.13' |
| B                                                | 25  | 5+90.52 | 4"ID. I.P. | 5950- <del>95.11</del> | I    | 41.72' |
| B                                                | 26  | 4+97.08 | 4"ID. I.P. | 5947- <del>95.18</del> | I    | 25.00' |
| B                                                | 27  | 4+02.08 | 4"ID. I.P. | 5944- <del>95.35</del> | I    | 25.00' |
| B                                                | 28  | 3+07.08 | 4"ID. I.P. | 5941- <del>96.88</del> | I    | 25.00' |
| B                                                | 29  | 2+14.55 | 4"ID. I.P. | 5939- <del>96.18</del> | I    | 20.68' |
| B                                                | 30  | 1+54.55 | 4"ID. I.P. | 5937- <del>97.25</del> | I    | 19.04' |



ROYAL RIDGE COURT N.E.

HORIZONTAL SCALE: 1" = 50'  
VERTICAL SCALE: 1" = 5'



LEGEND

|                                                                                     |                    |
|-------------------------------------------------------------------------------------|--------------------|
|  | NEW WATERLINE      |
|  | NEW SANITARY SEWER |
|  | NEW MANHOLE        |
|  | GATE VALVE         |
|  | FIRE HYDRANT       |
|  | SEWER SERVICE      |
|  | WATER SERVICE      |

**RECORD DRAWING**

This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey interviews, the contractor, inspection, and inspection reports performed by A & E Engineering, Inc. The modifications conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque per Development Process Manual, Section 27-4.4 to the best of my knowledge and belief.

 **A & E ENGINEERING INC.**  
CIVIL ENGINEERING, LAND PLANNING, AND SURVEYING  
ALBUQUERQUE • LAS CRUCES

1330 SAN PEDRO N.E.—SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

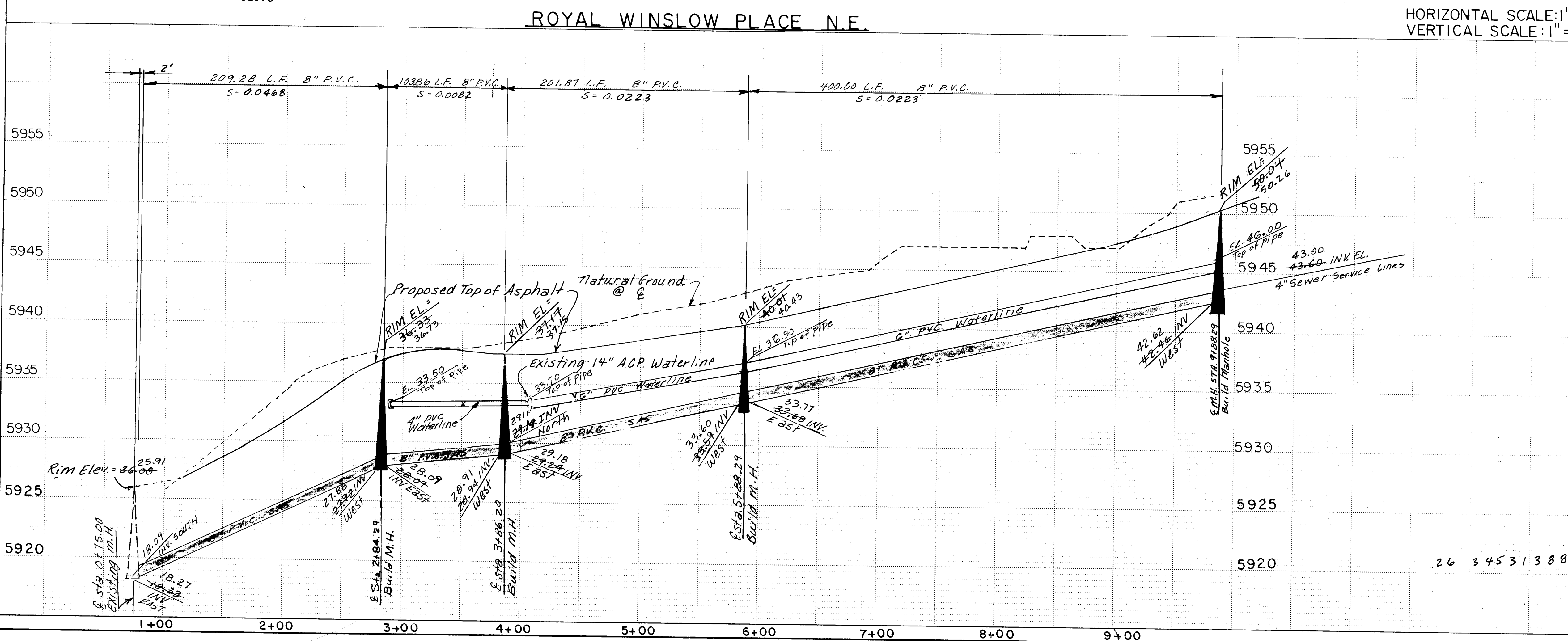
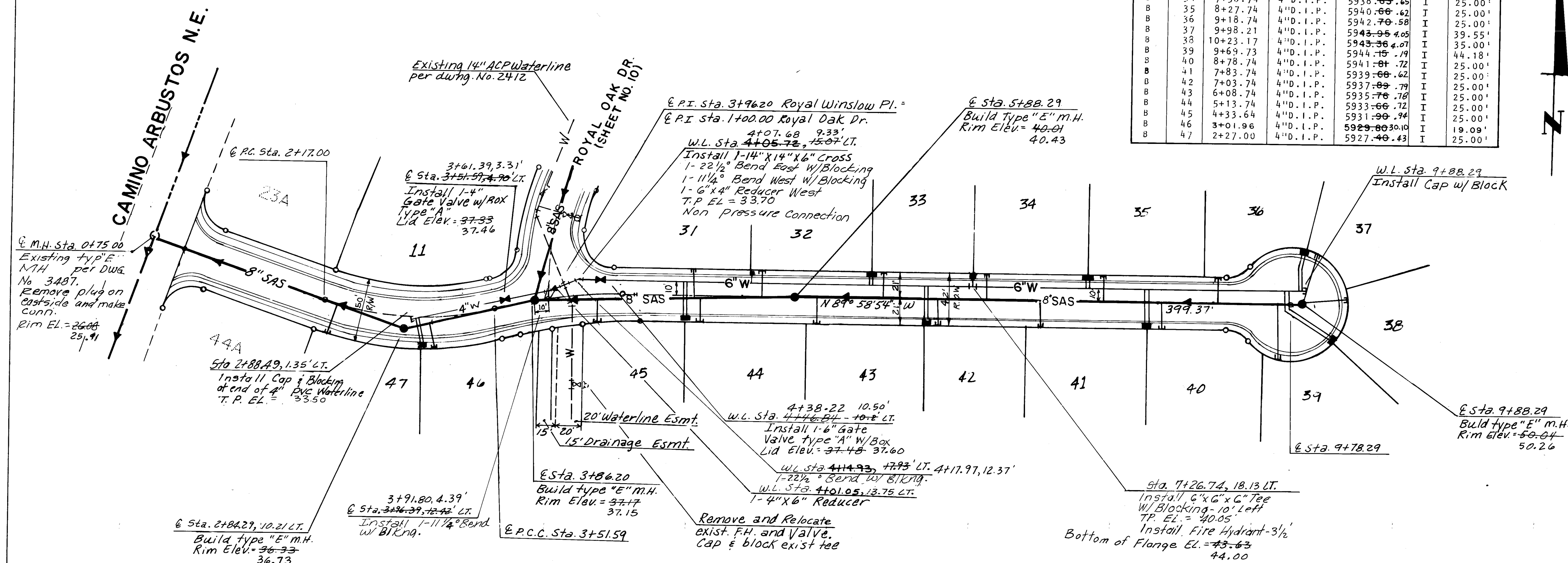
TITLE: ROYAL OAK UNIT 2  
SANITARY SEWER & WATER PLAN & PROFILE  
ROYAL RIDGE CT.

| APPROVALS       | ENGINEER           | DATE    | APPROVALS    | ENGINEER           | DATE    |
|-----------------|--------------------|---------|--------------|--------------------|---------|
| City Engineer   | <i>[Signature]</i> | 3/29/00 | Liquid Waste | <i>[Signature]</i> | 3/22/00 |
| ACE - Design    | <i>[Signature]</i> |         | Traffic      | <i>[Signature]</i> | 3/29/00 |
| ACE - Hydrology | CAM NA             | 3-14-88 | Water        | <i>[Signature]</i> | 3/22/00 |

|                     |                 |                |
|---------------------|-----------------|----------------|
| DRAWING<br>NO. 3453 | MAP NO.<br>F-22 | SHEET 12 OF 16 |
|---------------------|-----------------|----------------|

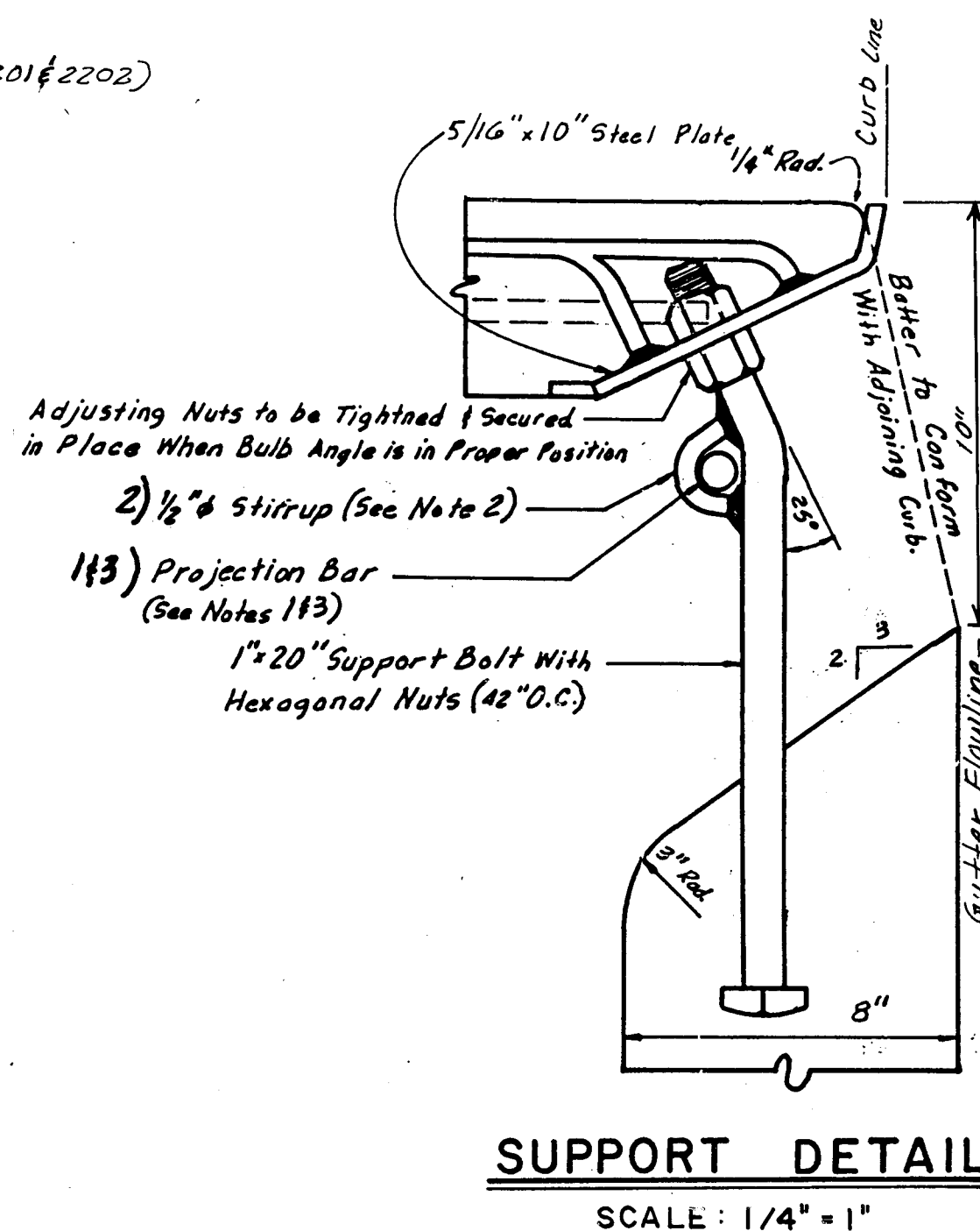
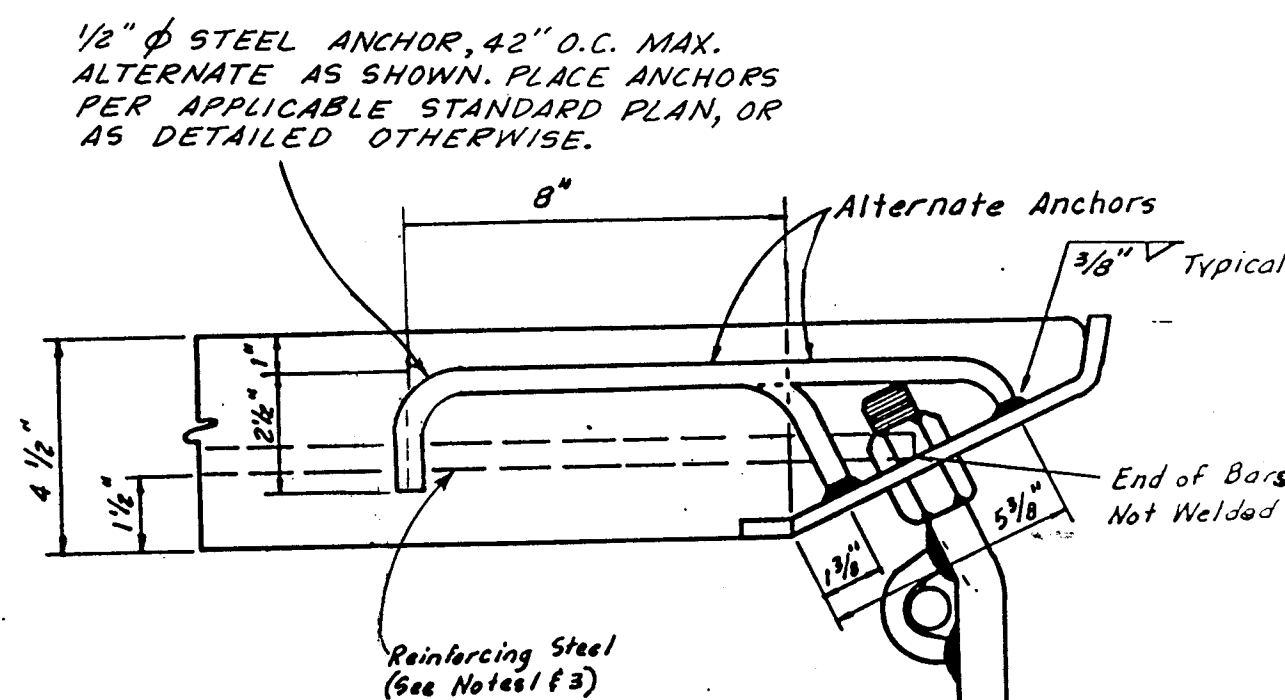
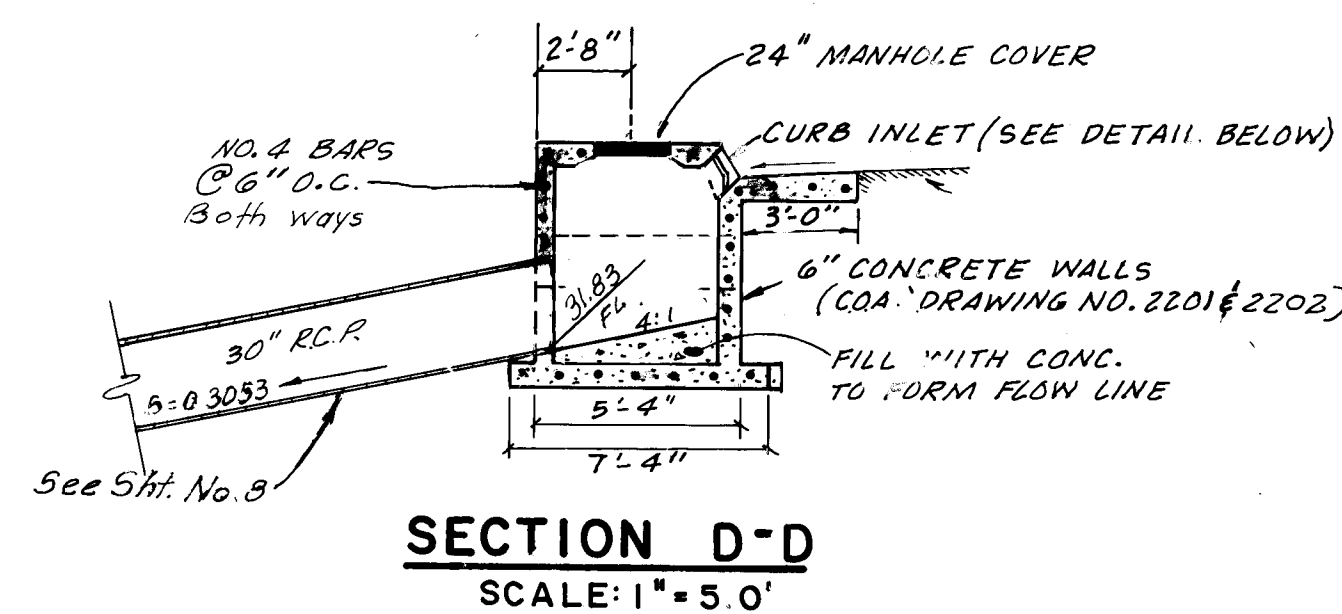
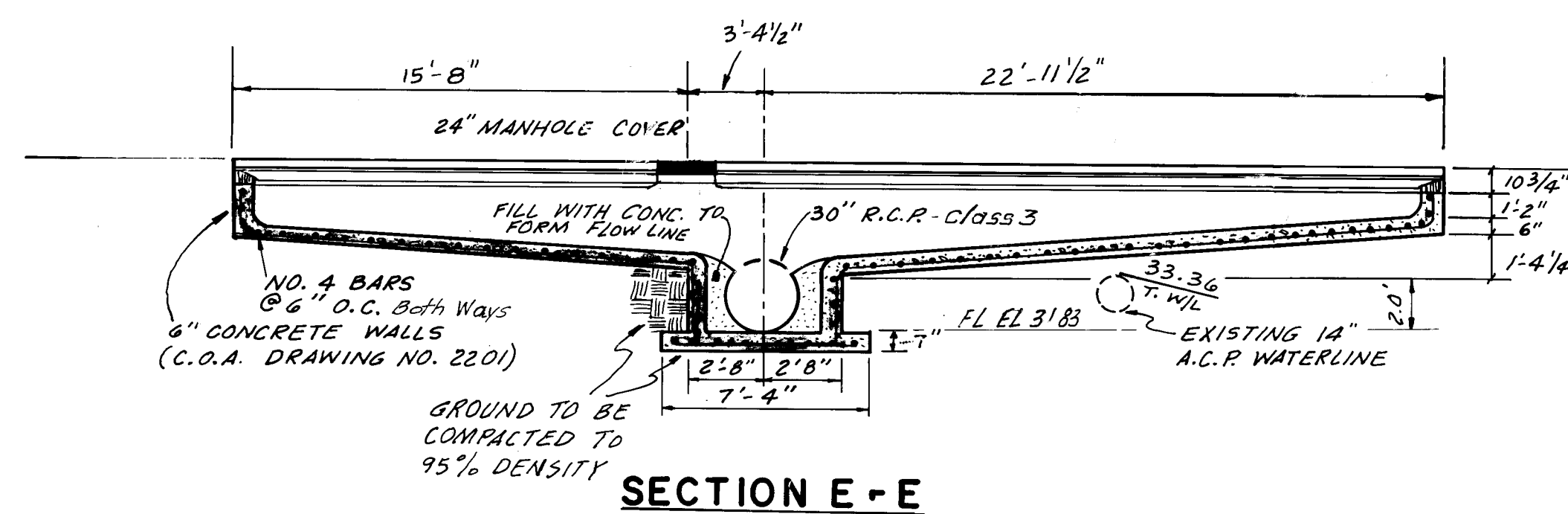
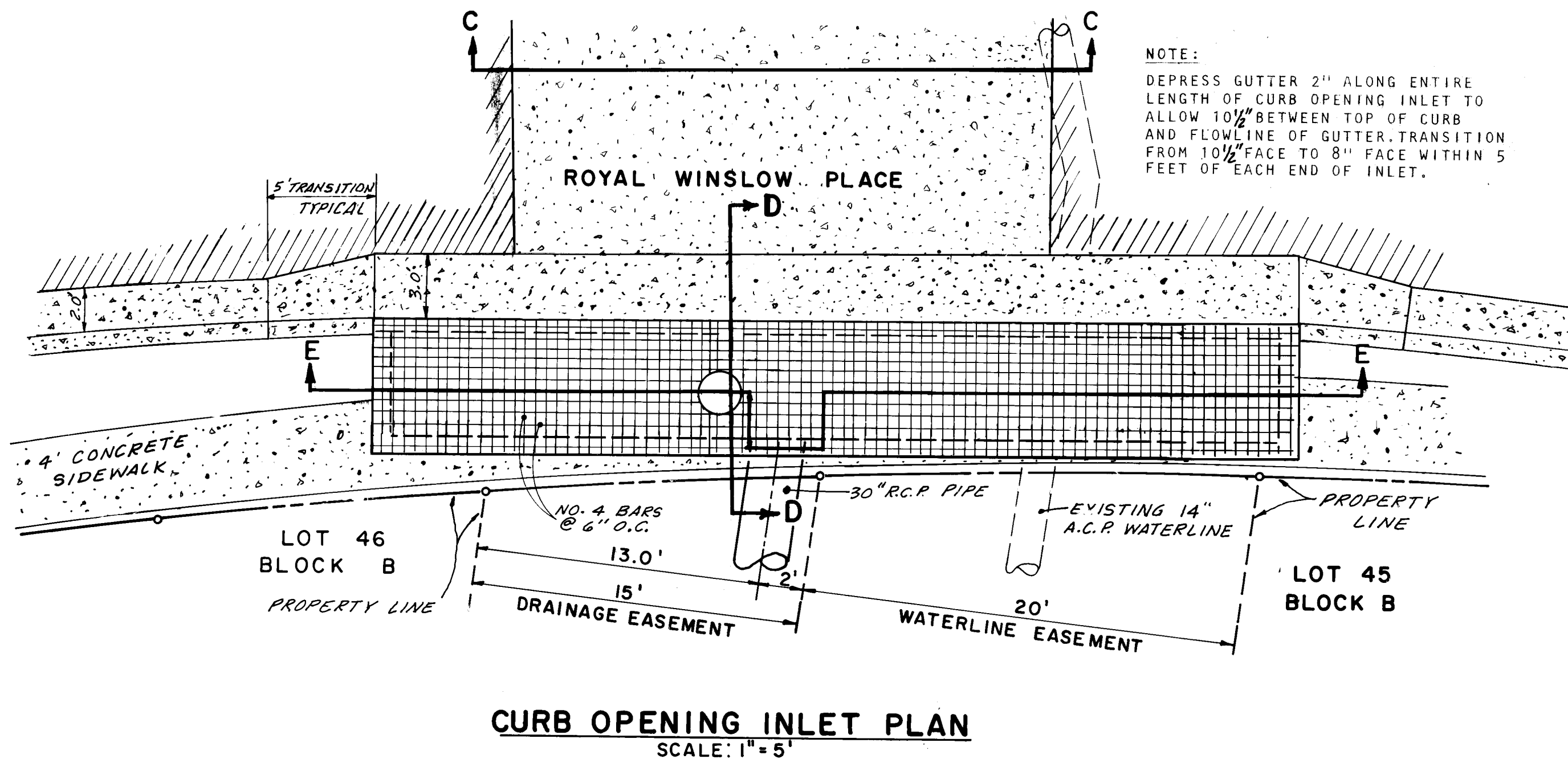


| ROYAL WINSLOW PL. SANITARY SEWER SERVICES SCHEDULE |     |          |             |                         |      |        |
|----------------------------------------------------|-----|----------|-------------|-------------------------|------|--------|
| BLK.                                               | LOT | L STA.   | SERVICE     | INV. @ PL.              | DET. | LENGT  |
| B                                                  | 31  | 5+01.74  | 4" D. I. P. | 5933- <del>40</del> .45 | I    | 25.00' |
| B                                                  | 32  | 5+16.74  | 4" D. I. P. | 5934- <del>72</del> .83 | I    | 25.00' |
| B                                                  | 33  | 6+56.74  | 4" D. I. P. | 5936- <del>83</del> .84 | I    | 25.00' |
| B                                                  | 34  | 7+36.74  | 4" D. I. P. | 5938- <del>63</del> .65 | I    | 25.00' |
| B                                                  | 35  | 8+27.74  | 4" D. I. P. | 5940- <del>66</del> .62 | J    | 25.00' |
| B                                                  | 36  | 9+18.74  | 4" D. I. P. | 5942- <del>70</del> .58 | I    | 25.00' |
| B                                                  | 37  | 9+99.21  | 4" D. I. P. | 5943- <del>95</del> .40 | I    | 39.55' |
| B                                                  | 38  | 10+23.17 | 4" D. I. P. | 5943- <del>96</del> .67 | I    | 35.00' |
| B                                                  | 39  | 9+69.73  | 4" D. I. P. | 5944- <del>75</del> .19 | I    | 44.18' |
| B                                                  | 40  | 8+78.74  | 4" D. I. P. | 5941- <del>84</del> .72 | I    | 25.00' |
| B                                                  | 41  | 7+83.74  | 4" D. I. P. | 5935- <del>70</del> .16 | I    | 25.00' |
| B                                                  | 42  | 7+03.74  | 4" D. I. P. | 5937- <del>89</del> .79 | I    | 25.00' |
| B                                                  | 43  | 6+08.74  | 4" D. I. P. | 5933- <del>66</del> .72 | I    | 25.00' |
| B                                                  | 44  | 5+13.74  | 4" D. I. P. | 5931- <del>90</del> .94 | I    | 25.00' |
| B                                                  | 45  | 4+33.64  | 4" D. I. P. | 5929- <del>80</del> .30 | I    | 19.09' |
| B                                                  | 46  | 3+01.96  | 4" D. I. P. | 5927- <del>40</del> .43 | I    | 25.00' |
| B                                                  | 47  | 2+27.00  | 4" D. I. P. |                         |      |        |

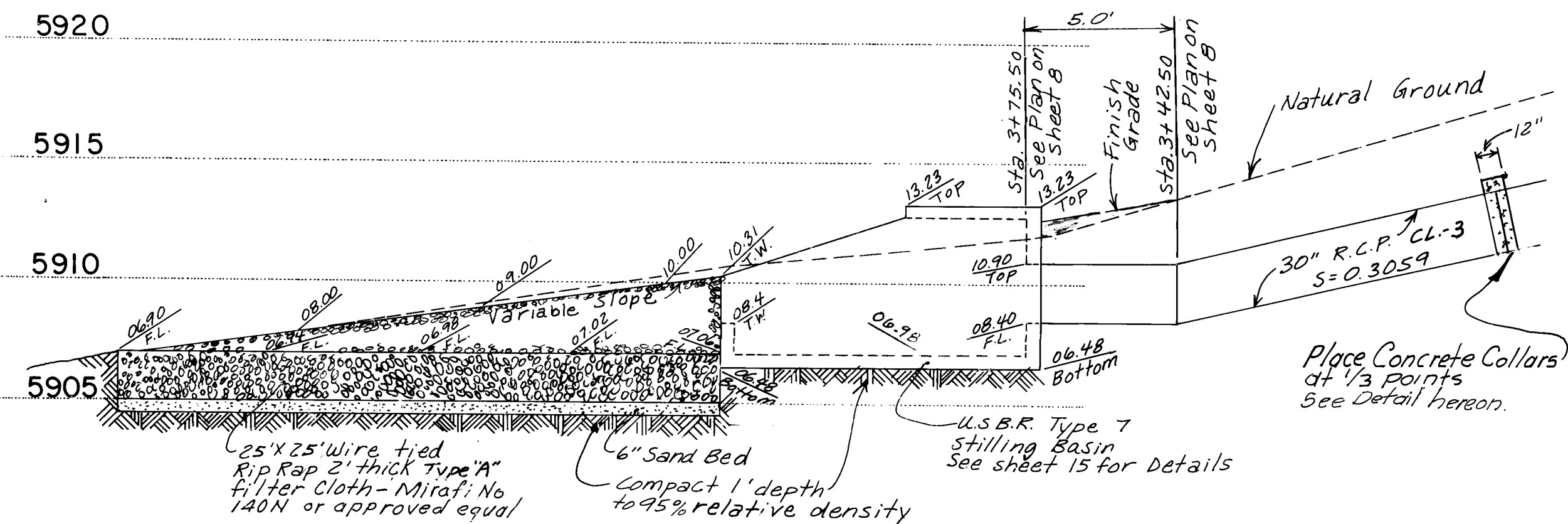
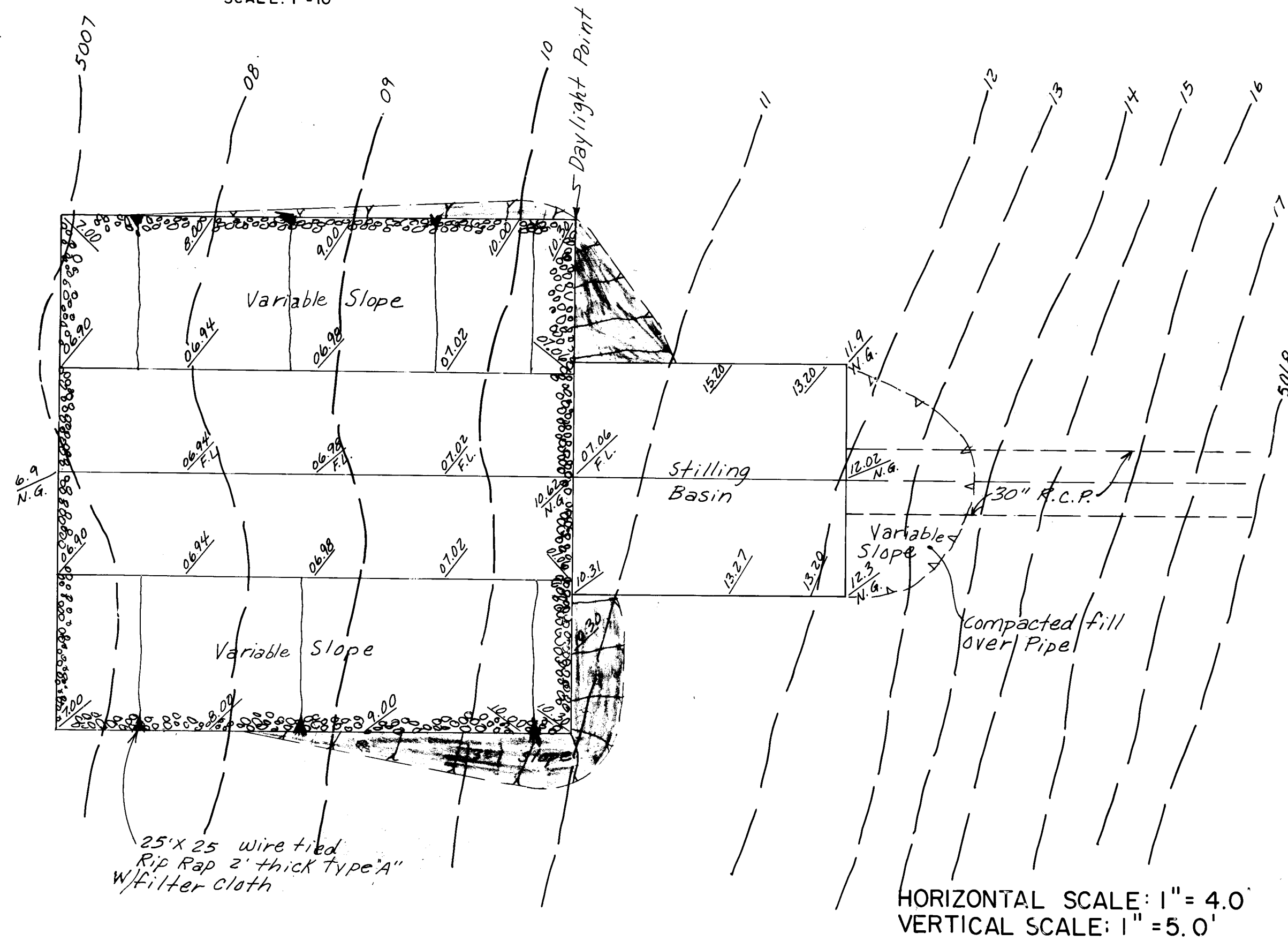
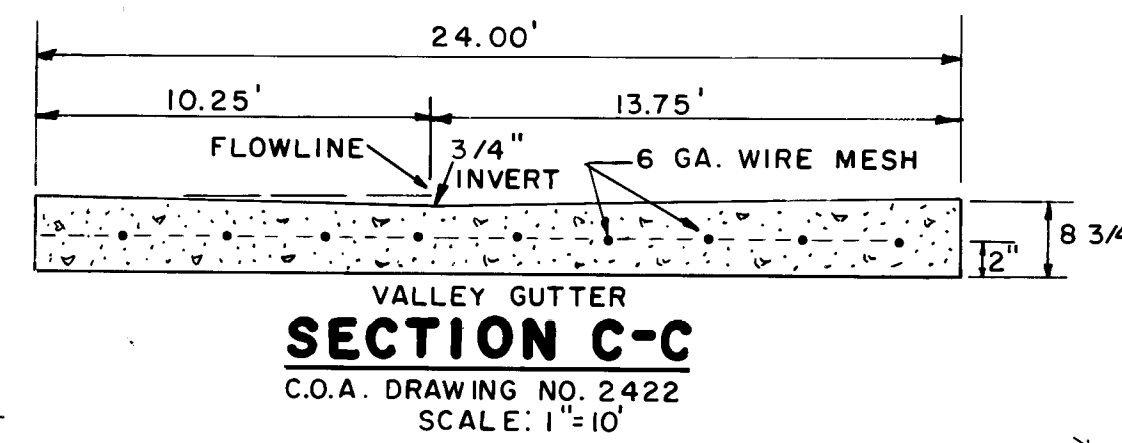


| BASELINE DATA                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |          | AS BUILT INFORMATION |            |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------|----------------------|------------|--|
| ROYAL WINSLOW PL. N.E.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |          |                      |            |  |
| BASELINE IS EQUAL TO CENTERLINE OF ST.                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |          |                      |            |  |
| STA. 1 + 00.00 = EDGE OF PROPERTY<br>STA. 1 + 00.00 = STA. 2 + 17.00 (PC)<br>(S 70°39'24" E, 117.00')                                                                                                                                                                                                                                                                                                                                                                     |  |          |                      |            |  |
| STA. 2 + 17.00 = STA. 3 + 51.59 (PCC)<br>( = 33°31'40" )<br>R = 230.00'<br>L = 134.59'<br>T = 69.28'                                                                                                                                                                                                                                                                                                                                                                      |  |          |                      |            |  |
| STA. 3 + 51.59 = STA. 4 + 52.96 (PT)<br>( = 14°12'10" )<br>R = 408.96'<br>L = 101.37'<br>T = 50.95'                                                                                                                                                                                                                                                                                                                                                                       |  |          |                      |            |  |
| STA. 4 + 52.96 = STA. 9 + 78.29 (RP)<br>( S 89° 58'54" E, 525.33' )                                                                                                                                                                                                                                                                                                                                                                                                       |  |          |                      |            |  |
| BENCH MARKS                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |          |                      |            |  |
| B.M. STATION is located on the North side of Manitoba St., ft. West of<br>Tramway lvd he station is a standard<br>A.C.S. brass tablet, stamped "I-F22", set<br>in top of a concrete post projecting 0.3 ft.<br>above ground. Elevation = 5957.02 ft.                                                                                                                                                                                                                      |  |          |                      |            |  |
| SURVEY INFORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |          |                      |            |  |
| LOT NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | W/L STA. |                      | SERV. TYPE |  |
| 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | 5+51.74  |                      | SINGLE     |  |
| 32633                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 6+46.74  |                      | DOUBLE     |  |
| 34835                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 8+17.74  |                      | DOUBLE     |  |
| 36837                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 9+81.53  |                      | DOUBLE     |  |
| 38639                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 9+76.53  |                      | DOUBLE     |  |
| 40841                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 8+68.74  |                      | DOUBLE     |  |
| 42843                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 6+93.74  |                      | DOUBLE     |  |
| 44845                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 5+03.74  |                      | DOUBLE     |  |
| 46847                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | 2+92.94  |                      | DOUBLE     |  |
| LEGEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |          |                      |            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |          |                      |            |  |
| ENGINEER'S SEAL                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |          |                      |            |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |          |                      |            |  |
| RECORD DRAWING                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |          |                      |            |  |
| This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey crews, the contractor, inspection, and inspection reports performed by A & E Engineering Inc.. The modifications conform to the minimum requirements of A.E.E. Standard Specifications for the City of Albuquerque. The performance Process Manual Section 27.4 to the best of my knowledge and belief. |  |          |                      |            |  |
| Carlos F. Salazar 111 P.E. 6553<br>Date 1/1/88                                                                                                                                                                                                                                                                                                                                                                                                                            |  |          |                      |            |  |
| CITY OF ALBUQUERQUE<br>MUNICIPAL DEVELOPMENT DEPARTMENT<br>ENGINEERING DIVISION                                                                                                                                                                                                                                                                                                                                                                                           |  |          |                      |            |  |
| TITLE: ROYAL OAK UNIT 2<br>SANITARY SEWER & WATER PLAN & PROFILE<br>ROYAL WINSLOW PLACE                                                                                                                                                                                                                                                                                                                                                                                   |  |          |                      |            |  |
| APPROVALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ENGINEER |                      | DATE       |  |
| City Engineer                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |          |                      | 3/24/88    |  |
| A.C.E. - Design                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | " "      |                      | " "        |  |
| A.C.E. - Hydrology                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | CAM NA   |                      | 3-16-88    |  |
| APPROVALS                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | ENGINEER |                      | DATE       |  |
| Liquid Waste                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |                      | 3/24/88    |  |
| Traffic                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |          |                      | 3/24/88    |  |
| Water                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |          |                      | 3/24/88    |  |
| DRAWING NO. 3453                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |          |                      |            |  |
| MAP NO. F-22                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |          |                      |            |  |
| SHEET 13 OF 16                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |          |                      |            |  |

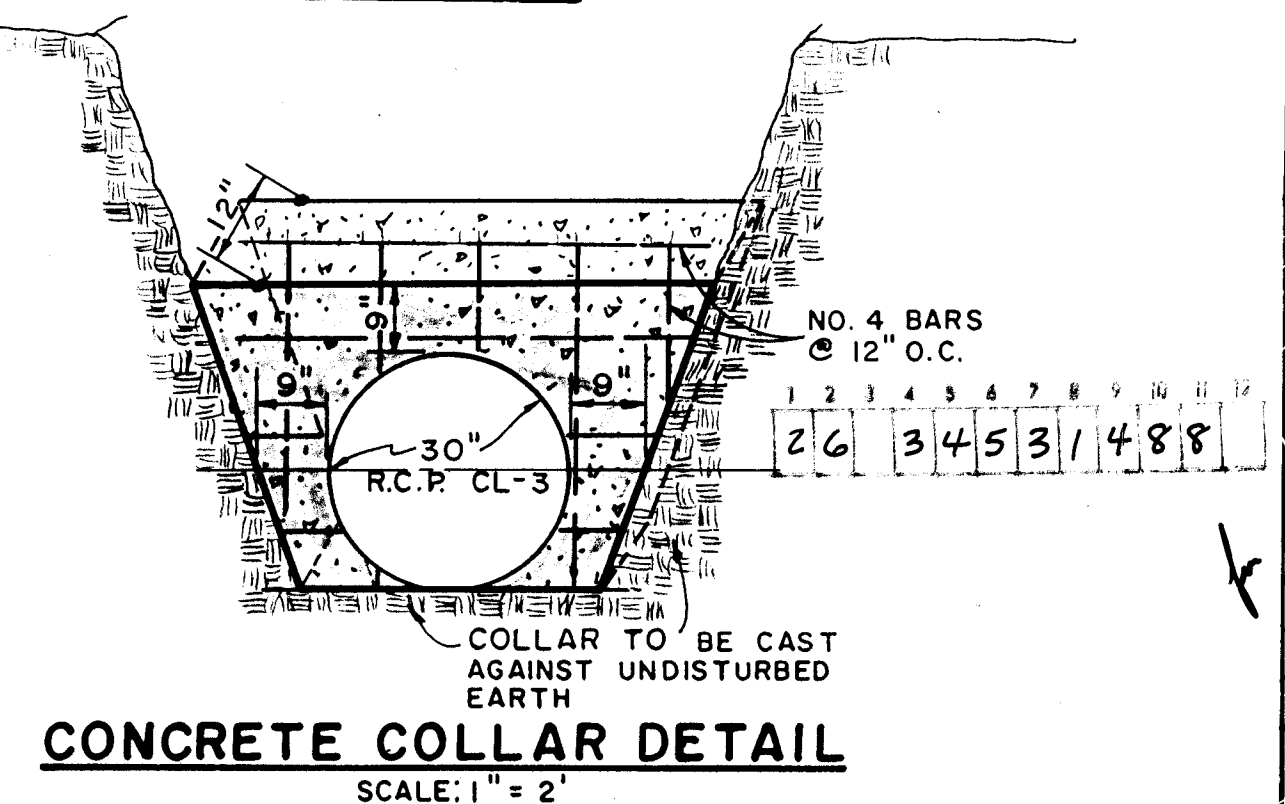




- NOTES: 1) A Plain Round Steel Protection Bar 1" in Dia. shall be installed. Bar shall be Embedded 5" at Each End.  
2) A stirrup shall be Welded to Each Bolt.  
3) Protection Bar shall be Located 5" Behind Curb Face and 4" Above Gutter Flow Line.



PLAN VIEW & ELEVATION OF U.S.B.R. TYPE 7 STILLING BASIN



RECORD DRAWING  
This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey crews, the contractor, inspection, and inspection. The modifications conform to the minimum requirements for record drawings as required by the City of Albuquerque Engineering Department Manual Section 27.4. I, the undersigned, certify that the modifications are in accordance with my knowledge and belief.

A & E ENGINEERING INC.  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

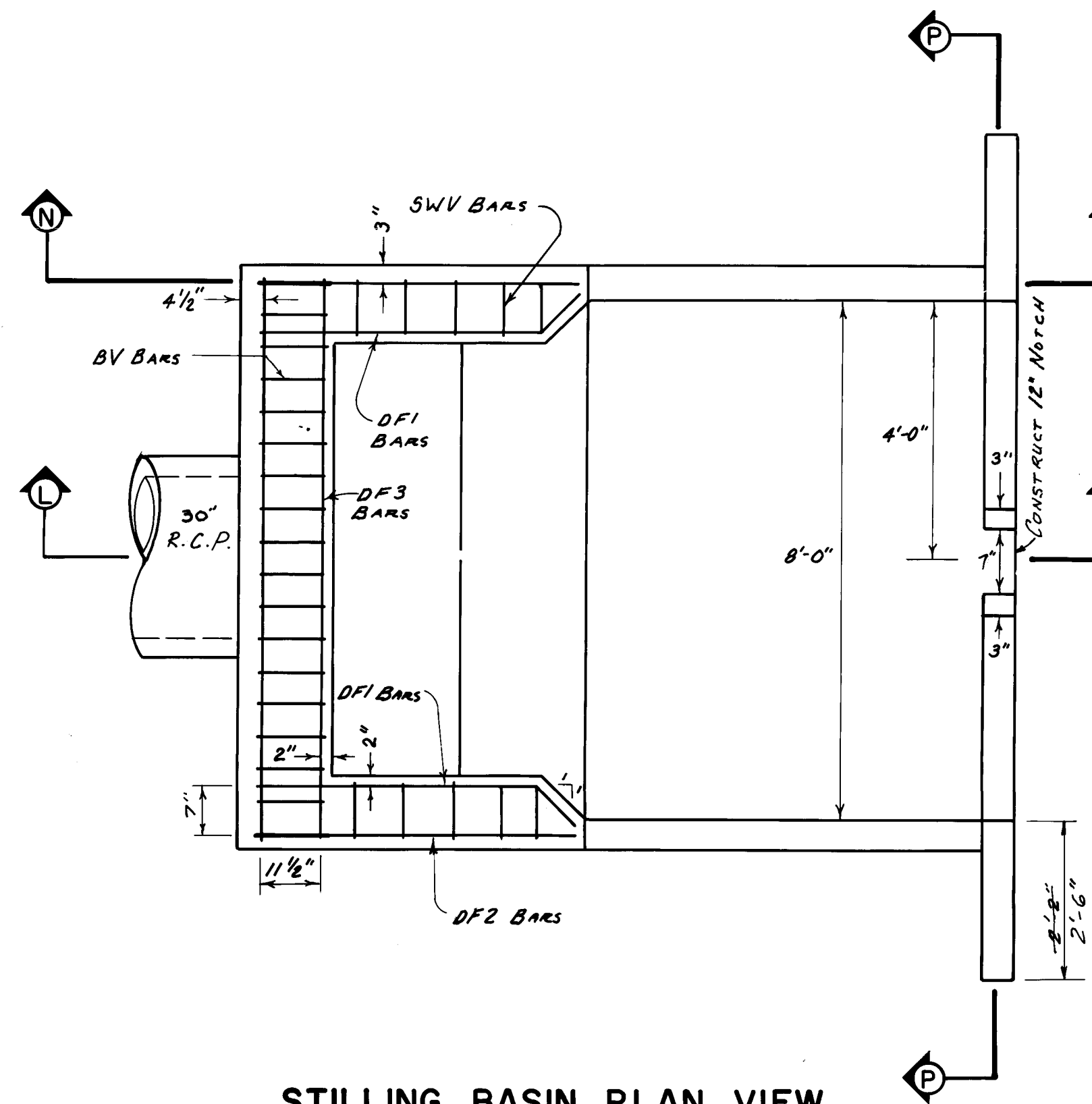
CITY OF ALBUQUERQUE  
MUNICIPAL DEVELOPMENT DEPARTMENT  
ENGINEERING DIVISION

| APPROVALS          |         |  | APPROVALS    |         |  |
|--------------------|---------|--|--------------|---------|--|
| ENGINEER           | DATE    |  | ENGINEER     | DATE    |  |
| City Engineer      | 3/24/88 |  | Liquid Waste | 3/22/88 |  |
| A.C.E. - Design    | 3/24/88 |  | Traffic      | 3/22/88 |  |
| A.C.E. - Hydrology | 3/24/88 |  | Water        | 3/22/88 |  |

| DRAWING NO. | MAP NO. | SHEET OF |
|-------------|---------|----------|
| 3453        | F-22    | 14 OF 16 |

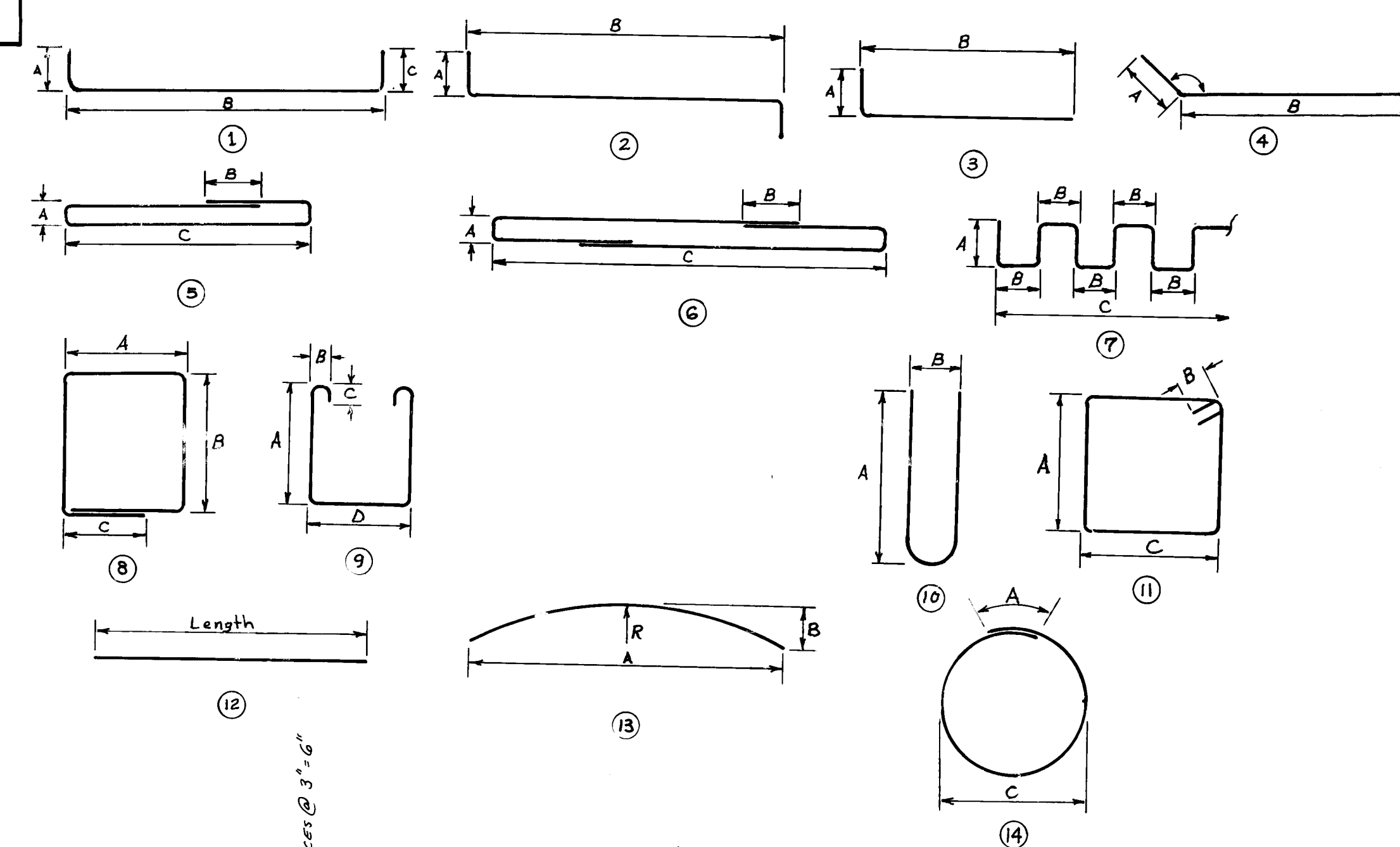
| AS BUILT INFORMATION   |      |  | BENCH MARKS                                                                                                                                                                            |      |  | SURVEY INFORMATION |    |  | ENGINEER'S SEAL |      |  |
|------------------------|------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--|--------------------|----|--|-----------------|------|--|
| CONTRACTOR             | DATE |  | B.M. STATION                                                                                                                                                                           | DATE |  | NO.                | BY |  | REVISIONS       | DATE |  |
| CONTRACTOR             | DATE |  | ST. 100 ft. West of Tramway Blvd. The station is a standard A.C.S. brass tablet, stamped "1-F22", set in top of a concrete post projecting 0.5 ft. above ground. Elevation 5957.02 ft. | DATE |  |                    |    |  | DESIGN          | DATE |  |
| INSPECTORS             | DATE |  |                                                                                                                                                                                        | DATE |  |                    |    |  |                 |      |  |
| FIELD ENGINEER         | DATE |  |                                                                                                                                                                                        | DATE |  |                    |    |  |                 |      |  |
| VERIFICATION BY        | DATE |  |                                                                                                                                                                                        | DATE |  |                    |    |  |                 |      |  |
| CORRECTED BY           | DATE |  |                                                                                                                                                                                        | DATE |  |                    |    |  |                 |      |  |
| MICRO-FILM INFORMATION | DATE |  |                                                                                                                                                                                        | DATE |  |                    |    |  |                 |      |  |
| RECORDED BY            | DATE |  |                                                                                                                                                                                        | DATE |  |                    |    |  |                 |      |  |



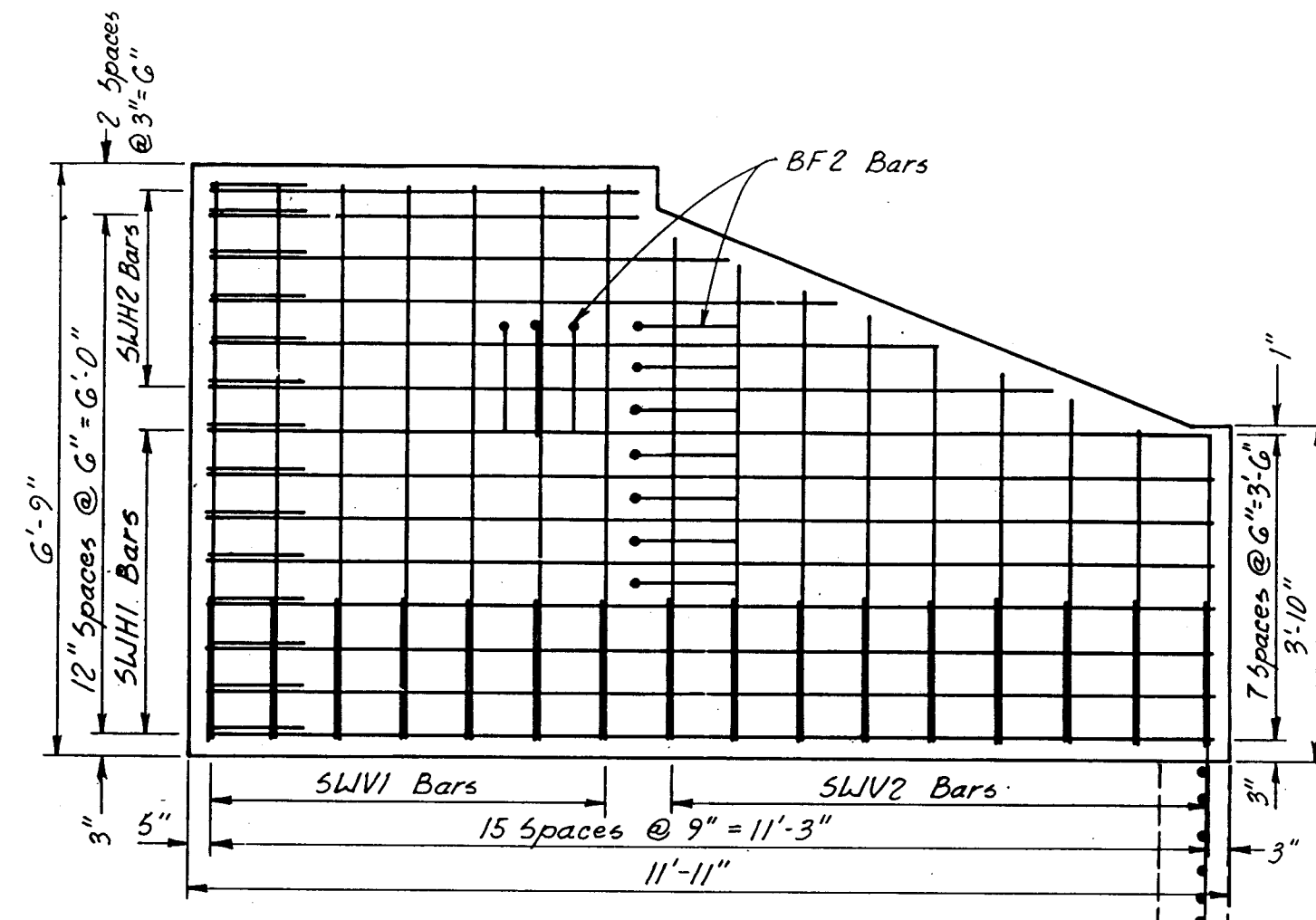


**STILLING BASIN PLAN VIEW**  
1" = 2.0'

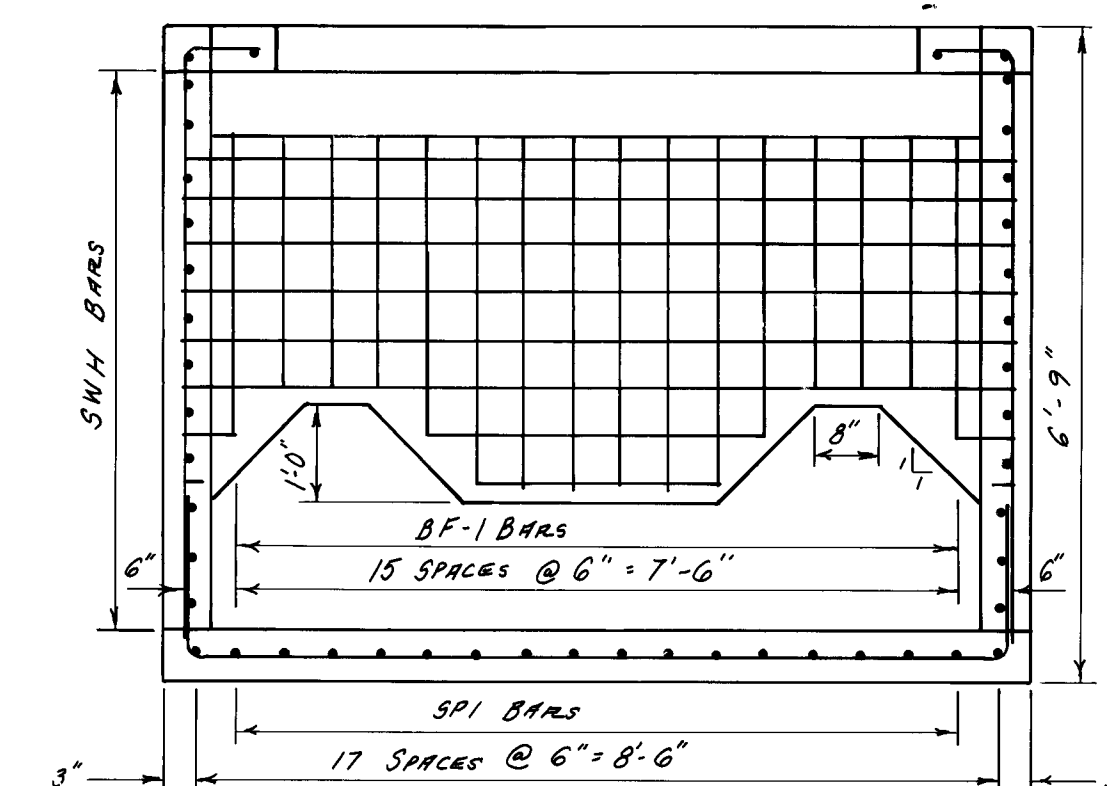
| No. OF BARS | SIZE | LENGTH | MARK  | TYPE | LENGTH | FROM   | TO     | A      | B      | C     | D   | BEND RADIUS |
|-------------|------|--------|-------|------|--------|--------|--------|--------|--------|-------|-----|-------------|
| 16          | 4    | 13     | 11    | SVI  | 1      |        |        | 1'-1"  | 11'-4" | 1'-6" |     | 2           |
| 14          | 4    | 11     | 6     | ST1  | 1      |        |        | 1'-6"  | 8'-6"  | 1'-6" |     | 2           |
| 7           | 4    | 10     | 5     | BV1  | 1      |        |        | 1'-0"  | 8'-6"  | 1'-0" |     | 2           |
| 14          | 4    |        |       | BH2  | 3      | VARIES | 3'-4"  | 3'-11" |        |       |     | 2           |
| 10          | 4    | 7      | 2 1/2 | BV1  | 3      |        |        | 1'-0"  | 6'-5"  |       |     | 2           |
| 8           | 4    |        |       | BV2  | 3      | VARIES | 2'-4"  | 3'-10" |        |       |     | 2           |
| 8           | 4    |        |       | BV3  | 12     | VARIES | 1'-3"  | 2'-3"  |        |       |     | 2           |
| 2           | 4    | 8      | 6     | DF3  | 12     |        |        |        |        |       |     | 2           |
| 2           | 4    | 5      | 4     | DF1  | 4      |        |        | 1'-0"  | 4'-1"  |       | 45° | 2           |
| 2           | 4    | 4      | 9     | DF2  | 12     |        |        |        |        |       |     | 2           |
| 14          | 5    | 6      | 4     | SWV1 | 12     |        |        |        |        |       |     | 2           |
| 16          | 5    |        |       | SWV2 | 12     | VARIES | 3'-6"  | 5'-9"  |        |       |     | 2           |
| 12          | 5    |        |       | SMH2 | 12     | VARIES | 4'-10" | 9'-9"  |        |       |     | 2           |
| 14          | 5    | 12     |       | SMH1 | 3      |        |        | 1'-0"  | 11'-6" |       |     | 2           |
| 4           | 4    | 12     | 8     | CW1  | 12     |        |        |        |        |       |     | 2           |
| 8           | 4    | 2      | 0     | CW2  | 12     |        |        |        |        |       |     | 2           |
| 10          | 4    | 3      | 7     | WW1  | 12     |        |        |        |        |       |     | 2           |
| 16          | 5    |        |       | BF1  | 3      | VARIES | 3'-7"  | 4'-7"  |        |       |     | 2           |
| 10          | 5    | 11     | 6     | BF2  | 1      |        |        | 1'-6"  | 8'-6"  | 1'-6" |     | 2           |
| 1           | 4    | 11     | 5     | BC1  | 14     |        |        | 1'-6"  | 8'-6"  | 3'-2" |     | 2           |



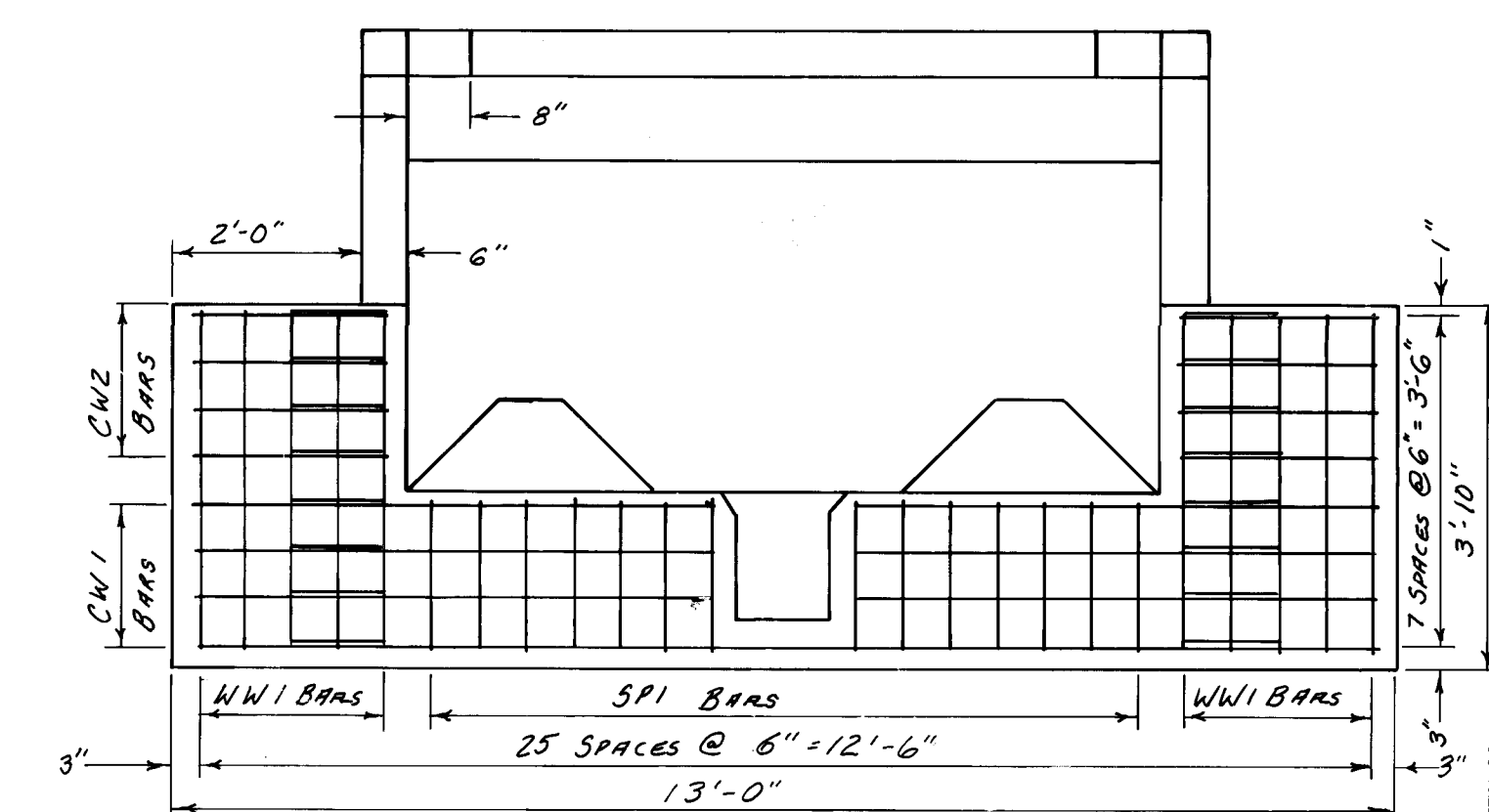
**BACK VIEW**  
1" = 2.0'



**SECTION N-N**  
1" = 2.0'



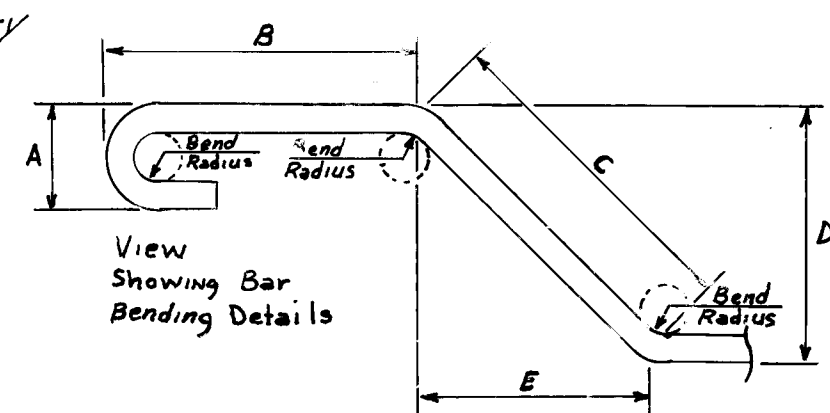
**SECTION Q-Q**  
1" = 2.0'



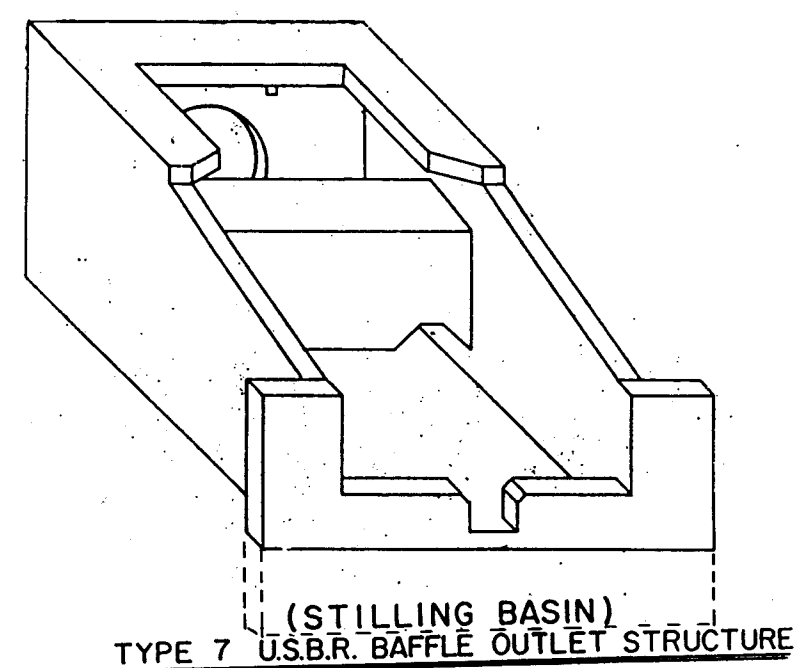
**SECTION P-P**  
1" = 2.0'

26 34531588

**NOTE:**  
ALL CONCRETE SHALL BE 4500 PSI.  
ALL REINFORCING STEEL SHALL BE GRADE 60.



Unless otherwise noted, bending radius is the same for all bends and hooks on a bar.  
Where slope differs from 45°, dimensions "D" and "E" must be shown.  
For "A" and "D" dimensioning, see notes 2 - 4 in General Notes.



- General Notes**
1. All dimensions are out to out of bar
  2. "A" dimensions on 180° hooks to be shown only where necessary to restrict hook size, otherwise standard hooks are to be used.
  3. Where "A" is not shown, "A" will be kept equal to or less than "D" where "A" can exceed "D", it should be shown.
  4. "D" dimensions on stirrups to be shown where necessary to fit within concrete.
  5. Figures in circles show type of bars.
  6. The contractor is responsible for conforming and correlating all quantities and dimensions.

RECORD DRAWING  
This drawing as modified shows public improvements as constructed. These modifications have been obtained from the contractor, inspection, and inspection reports performed by A & E Engineering Inc. The modifications conform to the minimum requirements for record drawings criteria as required by the City of Albuquerque per Development Process Manual Section 27.1.1. For any knowledge and belief.

DATE: 3/21/88  
BY: [Signature]  
CHECKED: [Signature]  
APPROVED: [Signature]

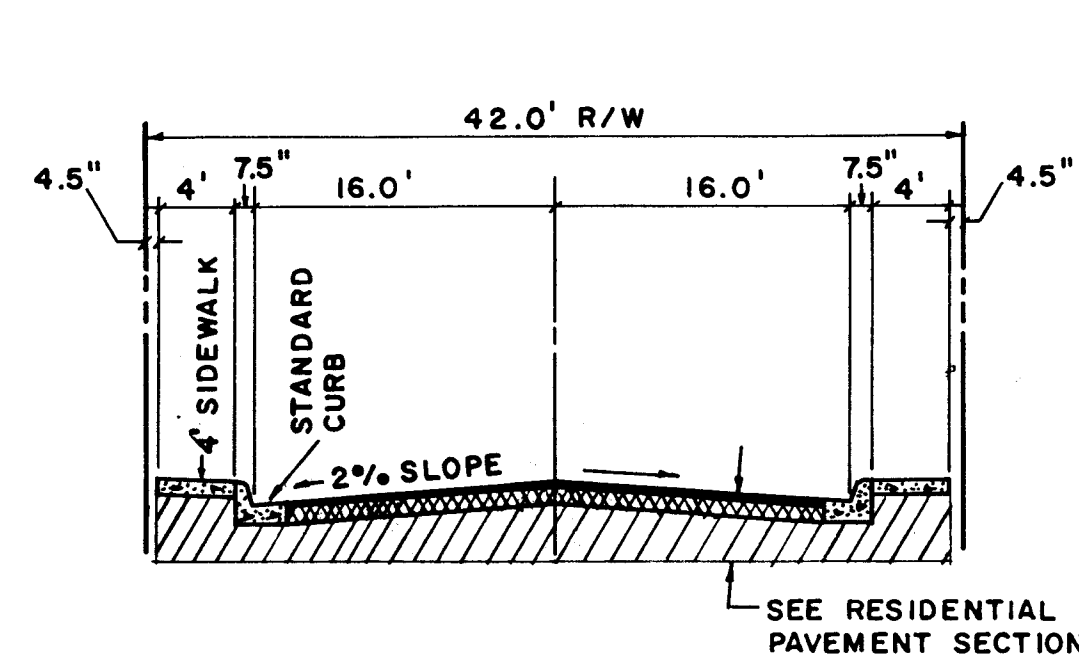
**A & E ENGINEERING INC.**  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES  
1320 SAN PEDRO N.E. - SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-8791

|                                                                                 |             |              |              |                |         |
|---------------------------------------------------------------------------------|-------------|--------------|--------------|----------------|---------|
| CITY OF ALBUQUERQUE<br>MUNICIPAL DEVELOPMENT DEPARTMENT<br>ENGINEERING DIVISION |             |              |              |                |         |
| TITLE: ROYAL OAK UNIT 2<br>STORM DRAIN STILLING BASIN DETAIL                    |             |              |              |                |         |
| APPROVALS                                                                       | ENGINEER    | DATE         | APPROVALS    | ENGINEER       | DATE    |
| City Engineer                                                                   | [Signature] | 3/21/88      | Liquid Waste | PEO            | 3/21/88 |
| A.C.E. - Design                                                                 | [Signature] |              | Traffic      | [Signature]    | 3/21/88 |
| A.C.E. - Hydrology                                                              | [Signature] | 3-16-88      | Water        | PEO            | 3/21/88 |
| REVISED 12-4-87                                                                 |             |              |              |                |         |
| DRAWING NO. 3453                                                                |             | MAP NO. F-22 |              | SHEET 15 OF 16 |         |

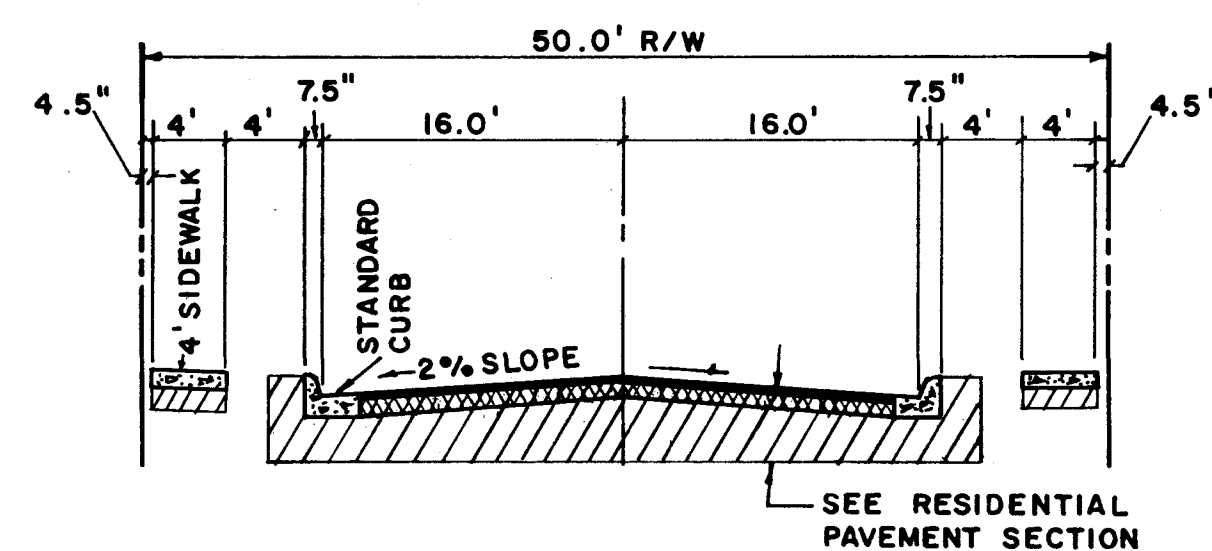


REVISIONS  
NO. 1  
DATE 3/21/88  
BY [Signature]  
CHECKED [Signature]  
APPROVED [Signature]

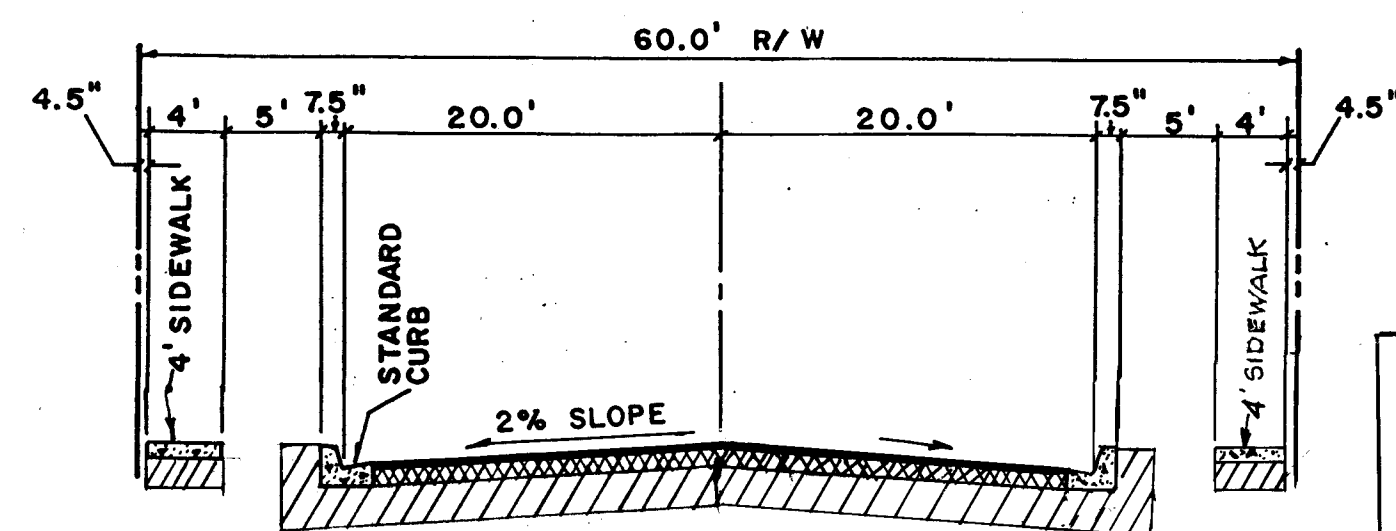




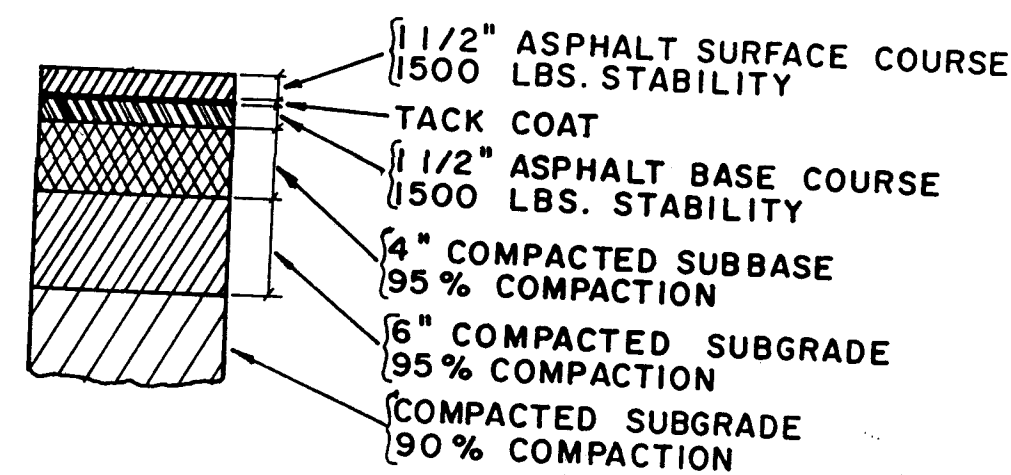
TYPICAL RESIDENTIAL STREET-42' R/W  
SCALE: 1"=10'



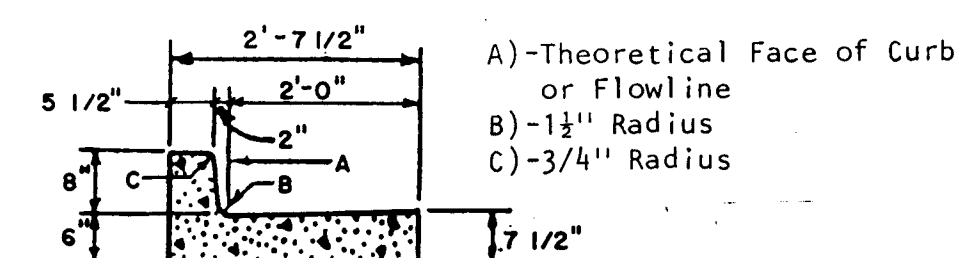
TYPICAL RESIDENTIAL STREET-50' R/W  
SCALE: 1"=10'



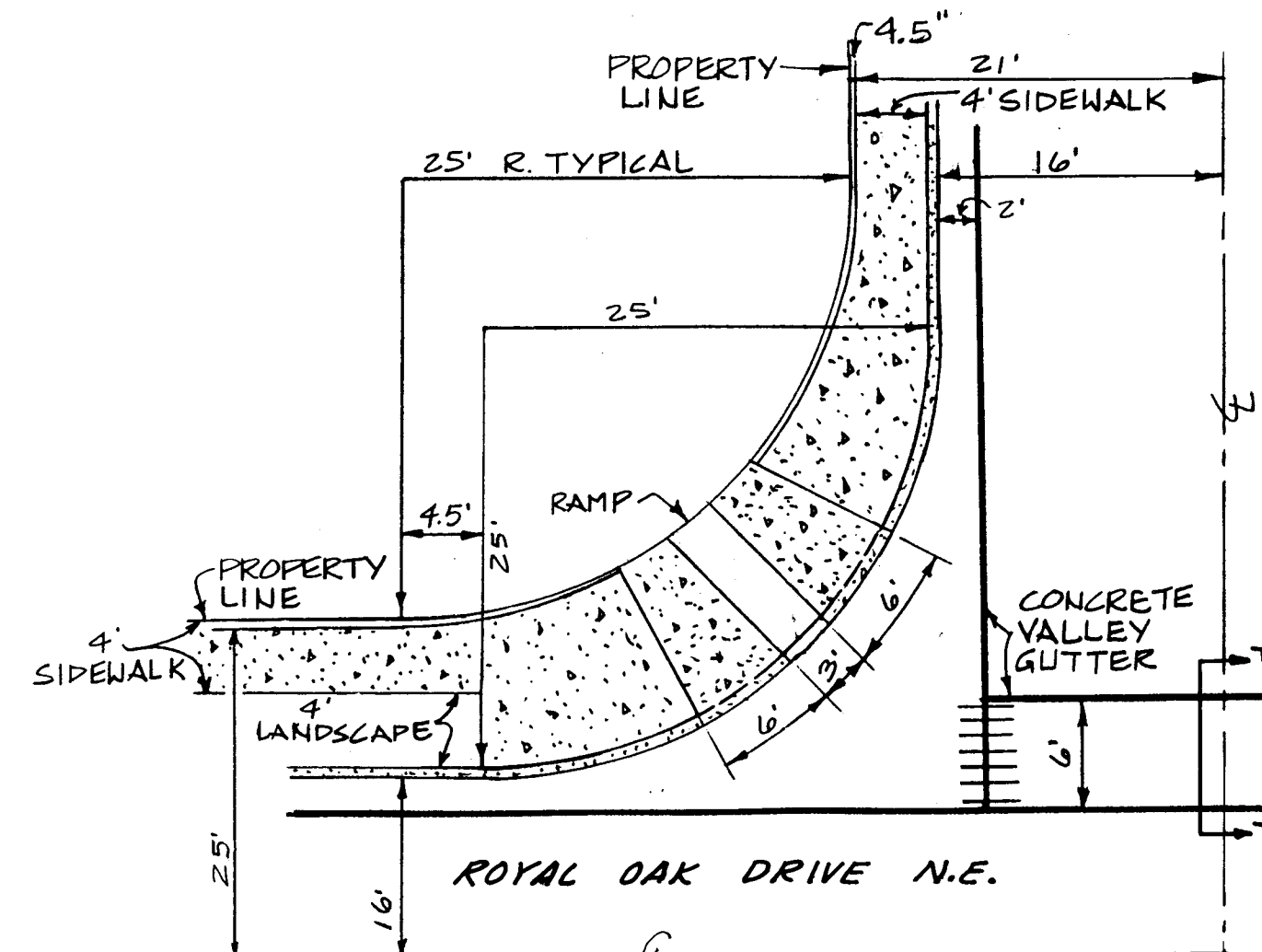
TYPICAL RESIDENTIAL STREET-60' R/W  
SCALE: 1"=10'



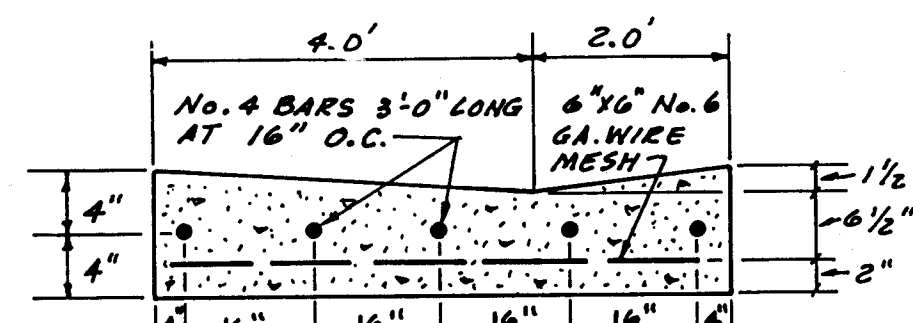
ASPHALT CONCRETE COMPONENTS  
TYPICAL RESIDENTIAL STREET SECTION  
C.O.A. DRAWING NO. 2405  
SCALE: 1"=1'



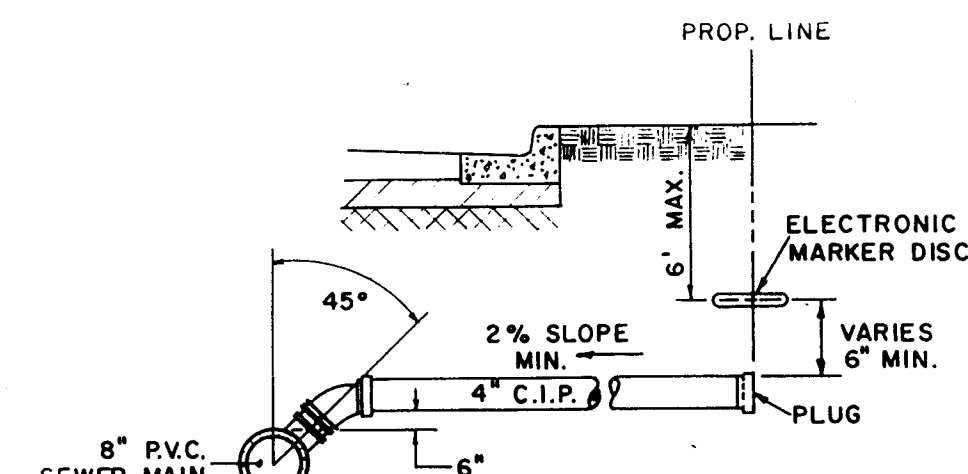
STANDARD C & G  
SCALE: 1"=2'



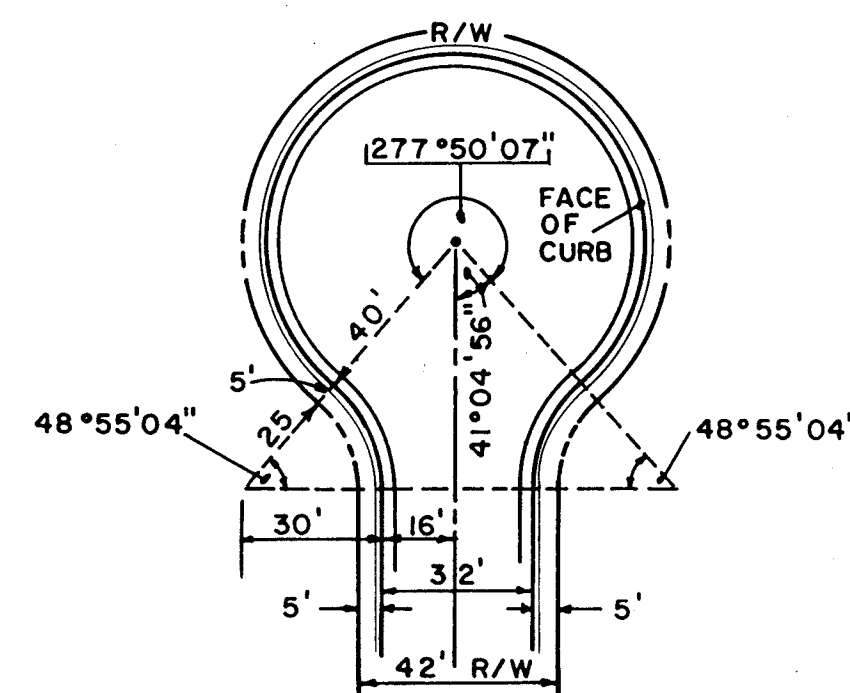
TYPICAL WHEELCHAIR RAMP  
SCALE: 1"=10'



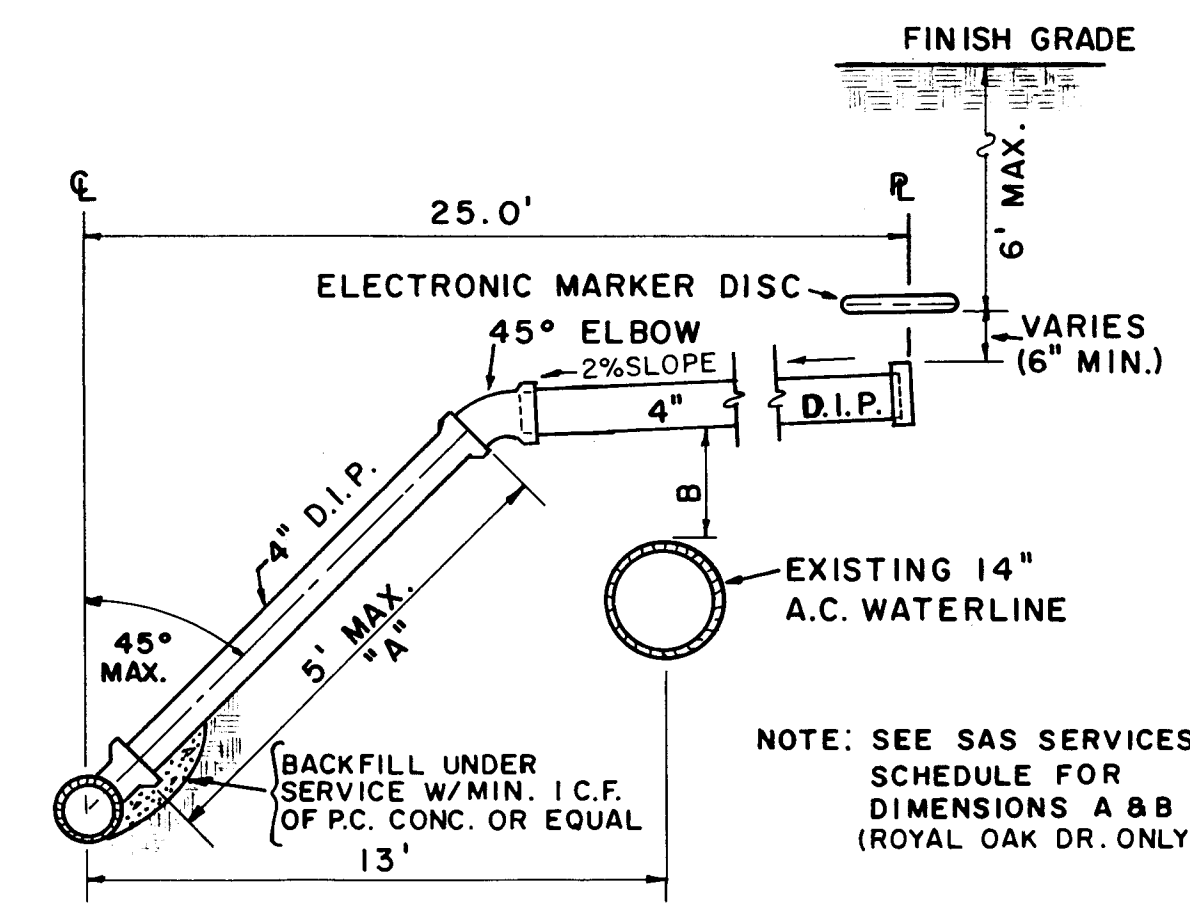
SECTION F-F CONCRETE VALLEY GUTTER  
CITY OF ALBU. STANDARD DRAWING NO. 2420  
SCALE: 1"=2'



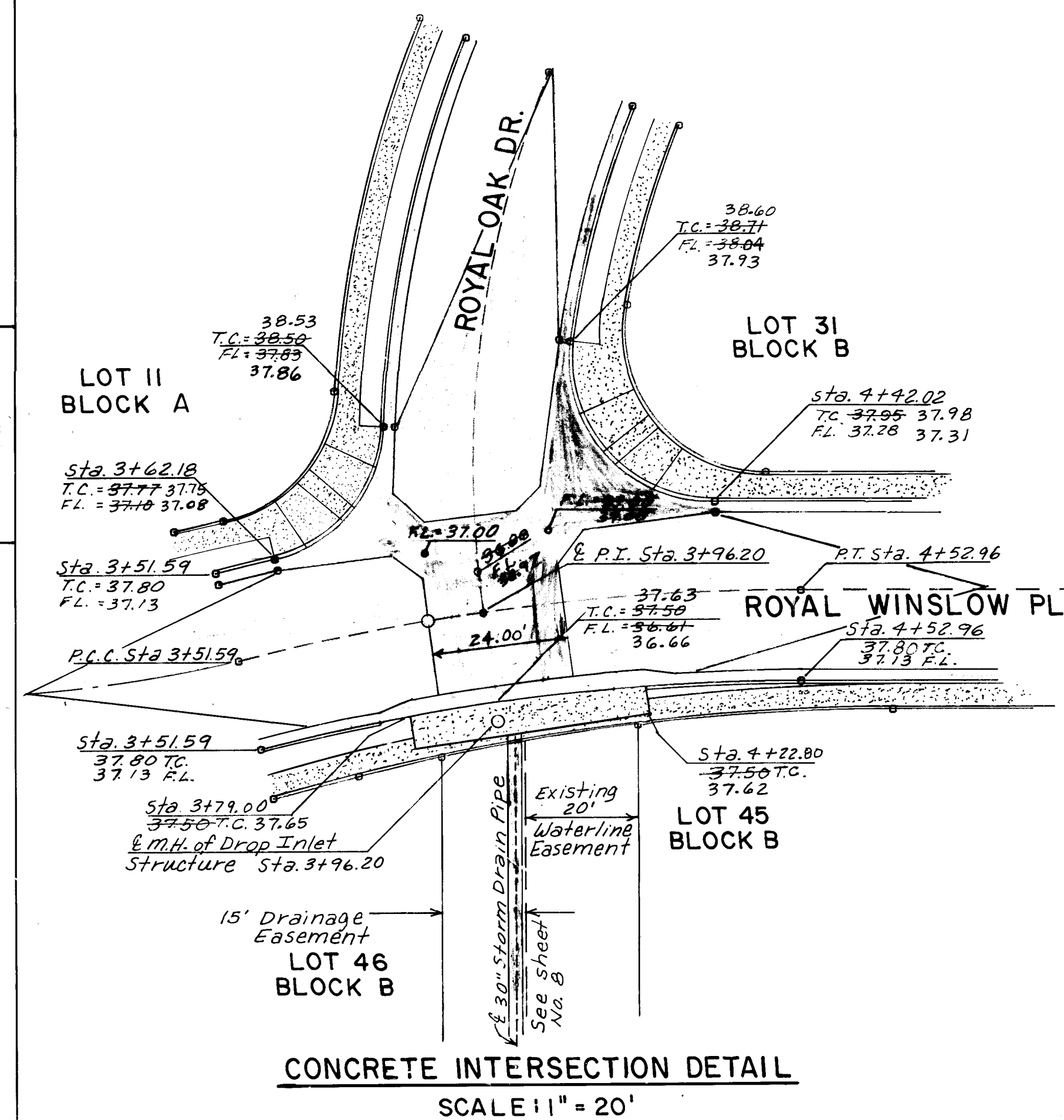
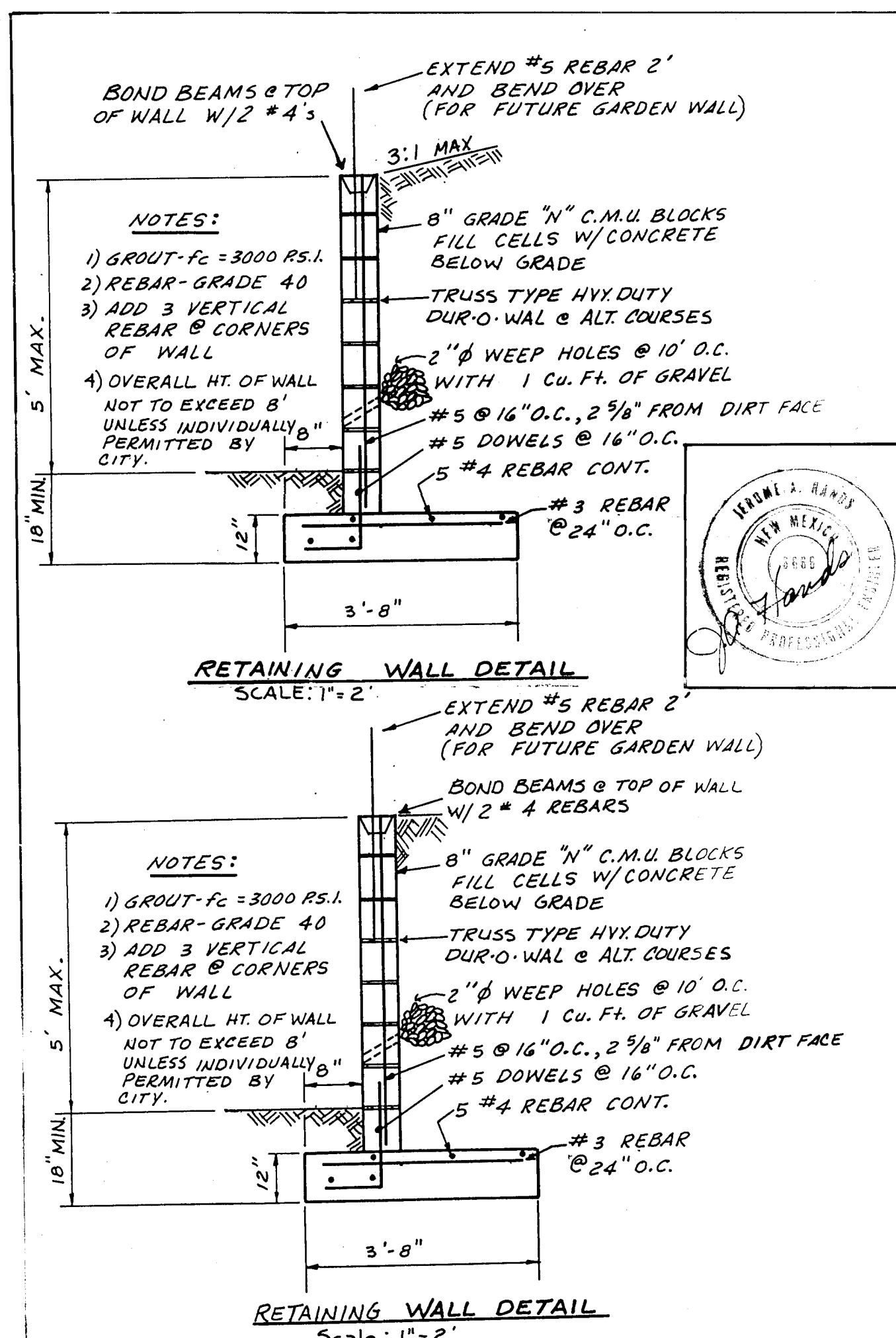
DETAIL I  
SEWER SERVICE CONNECTION X-SECTION  
CITY OF ALBUQUERQUE STANDARD DRAWING NO. 2125  
SCALE: 1"=10'



TYPICAL CUL-DE-SAC  
C.O.A. STANDARD DRWG. NO. 2510 (CASE III)  
SCALE: 1"=40'

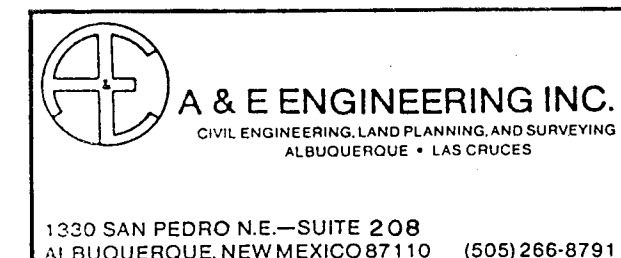


DETAIL II  
SEWER SERVICE CONNECTION X-SECTION  
C.O.A. DRAWING NO. 2134  
SCALE: 1"=2'



CONCRETE INTERSECTION DETAIL  
SCALE: 1"=20'

RECORD DRAWING  
This drawing as modified shows public improvements as constructed. These modifications have been made using information and measurements obtained by field survey crews, the contractor, inspection, and inspection reports performed by A & E Engineering Inc. for record drawings criteria as required by the City of Albuquerque per Development Process Manual Section 27.4 to the best of my knowledge and belief.  
4/1/88  
Date  
A & E ENGINEERING INC.  
CIVIL ENGINEERING, LAND PLANNING AND SURVEYING  
ALBUQUERQUE • LAS CRUCES  
1320 SAN PEDRO N.E. • SUITE 208  
ALBUQUERQUE, NEW MEXICO 87110 (505) 266-6791



| CITY OF ALBUQUERQUE<br>MUNICIPAL DEVELOPMENT DEPARTMENT<br>ENGINEERING GROUP |          |         |              |          |
|------------------------------------------------------------------------------|----------|---------|--------------|----------|
| TITLE: ROYAL OAK UNIT 2                                                      |          |         |              |          |
| STANDARD DETAILS                                                             |          |         |              |          |
| APPROVALS                                                                    | ENGINEER | DATE    | APPROVALS    | ENGINEER |
| City Engineer                                                                | 4/1/88   | 3/23/88 | Liquid Waste | 4/1/88   |
| A.C.E.                                                                       | 3/24/88  | 3/24/88 | Traffic      | 3/24/88  |
| A.C.E. Hydrology                                                             | C.A.M.   | 3-14-88 | Water        | 3/22/88  |
| DRAWING NO.                                                                  | 3453     | MAP NO. | F-22         | SHEET OF |
|                                                                              |          |         | 16           | 16       |

| AS BUILT INFORMATION |      | BENCH MARKS                                                                                                                                                                                                                               |      | SURVEY INFORMATION |    |
|----------------------|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------|----|
| CONTRACTOR           | DATE | B.M. STATION is located on the North side of Manitoba St., 100' West of Tramway Blvd. The station is a standard A.C.S. Brass tablet stamped "1-F22", set in top of a concrete post projecting 0.3' above the ground. ELEVATION = 5957.02' | DATE | NO.                | BY |
| WORKING DRAWING BY   | DATE |                                                                                                                                                                                                                                           | DATE |                    |    |
| INSPECTED BY         | DATE |                                                                                                                                                                                                                                           | DATE |                    |    |
| VERIFICATION BY      | DATE |                                                                                                                                                                                                                                           | DATE |                    |    |
| DRAWINGS             | DATE |                                                                                                                                                                                                                                           | DATE |                    |    |
| RECORDED BY          | DATE |                                                                                                                                                                                                                                           | DATE |                    |    |
| NO.                  |      |                                                                                                                                                                                                                                           |      |                    |    |