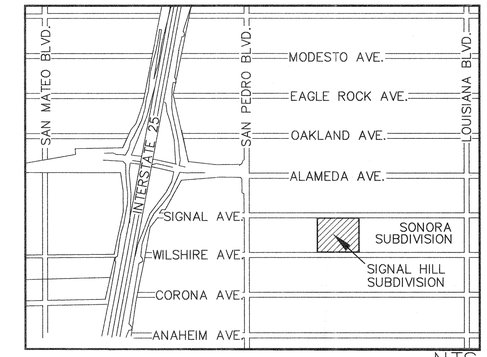
CITY OF ALBUQUERQUE
NEW MEXICO

CITY OF
Albuquerque

CONSTRUCTION PLANS
FOR
SIGNAL HILL SUBDIVISION
PUBLIC AND PRIVATE
INFRASTRUCTURE IMPROVEMENTS



LOCATION MAP
ZONE ATLAS MAP C-18-Z

NTS

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, AND UNLESS STATED OTHERWISE OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 6.

2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL, 260-1990, FOR LOCATION OF EXISTING UTILITIES.

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES BEING CONNECTED TO AND ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

4. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING SAFETY AND HEALTH.

5. CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.

6. ALL GAS, ELECTRIC, TELEPHONE LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE DONE BY THE RESPONSIBLE UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES.

8. THE CONTRACTOR SHALL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR PUBLIC RIGHT-OF-WAY OR EASEMENTS TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNIGHT PARKING OF EQUIPMENT AND/OR STORAGE OF MATERIALS IS NOT ALLOWED EXCEPT BY PERMISSION OF PROPERTY OWNER. RESTORATION OF PRIVATE IMPROVEMENTS WILL BE AT THE CONTRACTOR'S EXPENSE.

9. A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVING, CONCRETE CURBS AND SIDEWALKS, ETC. SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE FIELD ENGINEER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

10. WHEN ABUTTING EXISTING PAVEMENT TO NEW, SAWCUT EXISTING PAVEMENT TO A STRAIGHT EDGE AND AT A RIGHT ANGLE, OR AS APPROVED BY THE PROJECT ENGINEER. REMOVAL OF BROKEN OR CRACKED PAVEMENT WILL ALSO BE REQUIRED.

11. THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.

12. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2315.

13. CONTRACTOR SHALL SUBMIT A REVEGETATION PLAN TO ENGINEER FOR PRIOR APPROVAL.

14. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THEN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

15. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOURS CONSTRUCTION.

INDEX OF SHEETS

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Calvin Chang
DATE 6-10-99

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEERS STAMP & SIGNATURE

LEONARD LYNN DELTRANDE
NEW MEXICO
10598
PROFESSIONAL ENGINEER
10/15/96

APPROVALS	ENGINEER	DATE
DRC Chairman	Billy J. Goldsby	11-22-96
Transportation	[illegible]	11-12-96
Water/Wastewater	[illegible]	11-14-96
Hydrology	Susan Calongne	11-12-96
Parks		
Constr. Mngmt.		

APPROVED FOR CONSTRUCTION
City Engineer — Date 11/25/96

PROJECT NO 5561 81

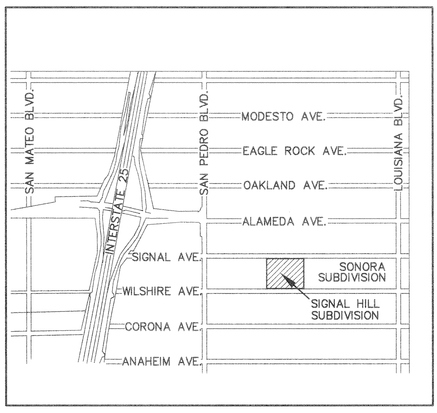
SHEET 1 OF 17

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE – Suite 200
Albuquerque, NM 87109 – (505) 881-5357

DRB # 96-278

SCANNED BY MESA REPRO

TALOS LOG NO. 96-083009010105



NTS

VICINITY MAP

ZONE ATLAS MAP NO. C-18-Z

REPLAT DATA

1. DRB Case No._____
2. Zone Atlas Index No. C-18-Z
3. Gross Replat Acreage: 5.3140 Ac.±.
4. Date of Survey: August 22, 1996.

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (CENTRAL ZONE). Basis of Bearing N01°23'33"E Between ACS Monuments "9-C18" and "10-C18".
2. Distances are ground distances.
3. Centerline monumentation to be installed at all centerline PC's, PT's, angle points and street intersections as shown hereon, and and will consist of a standard four inch (4") aluminum alloy cap stamped "City of Albuquerque", "Centerline Monument", "Do Not Disturb", "N.M.P.S. 11462" set by ▲
4. ◉ DENOTES FOUND REBAR W/ALUMINUM CAP STAMPED "NMPS 11599 1996"
   ○ DENOTES FOUND REBAR W/PLASTIC CAP STAMPED "NMPS 11993" & TAG "NMPS 11599"
   ● DENOTES FOUND 5/8" REBAR W/ TAG "NMPS 11599"
   ⊡ DENOTES FOUND PK NAIL SET IN BLOCK WALL W/ WASHER STAMPED "NMPS 11599"
5. Plat shows all easements of record as shown on plats of record or made known by any parties expressing interest.

PURPOSE OF REPLAT

1. SUBDIVIDE LOTS 6, 7, 8, 25, 26 & 27, BLOCK 30, TRACT A, UNIT B, NORTH ALBUQUERQUE ACRES INTO SIGNAL HILL SUBDIVISION CONTAINING 64 LOTS AND 1 TRACT.
2. GRANT ALL PUBLIC AND PRIVATE EASEMENTS SHOWN HEREON.
3. DEDICATE PUBLIC RIGHT-OF-WAY AS SHOWN HEREON.

DOCUMENTS USED TO DETERMINE BOUNDARY

1.) PLAT ENTITLED "TRACT A-UNIT B NORTH ALBUQUERQUE ACRES" FILED APRIL 24, 1936, VOLUME D, FOLIO 130.

DESCRIPTION

A cetain parcel of land situate within the Elena Gallegos Grant, projected section 13, Township 11 North, Range 3 East, New Mexico Principal Meridian, Bernalillo County, New Mexico, comprised of all of Lots 6, 7, 8, 25, 26 and 27, Block 30, Tract A, Unit B, North Albuquerque Acres, as the same are shown and designated on the plat entitled "TRACT A-UNIT B NORTH ALBUQUERQUE ACRES", filed for record in the Office of the County Clerk of Bernalillo County, New Mexico, on April 24, 1936, in Volume D, Folio 130, together with one half (1/2) of the adjoining right-of-way within Wilshire Avenue NE and within Signal Avenue NE, and being more particularly described by grid bearings and ground distance as follows:

Beginning at a point, a found 5/8" rebar, on the northerly right-of-way line of Wilshire Avenue NE, being the southwest corner of said Lot 27, from whence the found City of Albuquerque Control Survey monument "9-C18" bears S86°10'23"W a distance of 853.55 feet;

thence from said point of beginning N00°13'51"E along the westerly boundary line of said Lot 27 a distance of 233.97 feet to a point, a found 5/8" rebar, being the westerly corner common to said Lots 6 and 27;

thence N00°12'04"E along the westerly boundary line of said Lot 6 a distance of 233.98 feet to a point, a found rebar with plastic cap stamped "NMPS 11993", on the southerly right-of-way line of Signal Avenue NE, being the northwest corner of said Lot 6;

thence N00°12'04"E a distance of 30.00 feet to a point on the centerline of said Signal Avenue NE;

thence S89°45'35"E along said centerline line of Signal Avenue NE, a distance of 495.23 feet to a point,

thence S00°16'34"W a distance of 30.00 feet to a point, a found PK nail with washer stamped "NMPS 11599", being the northeast corner of said Lot 8;

thence S00°16'34"W along the easterly boundary line of said Lot 8 a distance of 233.73 feet to a point, a found PK nail with washer stamped "NMPS 11599", being the easterly corner common to said Lots 8 and 25;

thence S00°16'35"W along the easterly boundary line of said Lot 25 a distance of 233.73 feet to a point , a found PK nail with washer stamped "NMPS 11599", on said northerly right-of-way line of Wilshire Avenue NE, being the southeast corner of said Lot 25;

thence S00°16'35"W a distance of 30.00 feet to a point on the centerline of said Wilshire Avenue NE;

thence N89°49'00"W along said centerline of Wilshire Avenue NE, a distance of 494.68 feet to a point;

thence N00°13'51"E a distance of 30.00 feet to the point and place of beginning.

Containing 5.9957 acres more or less.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

1. The PNM Electric Services for the installation, maintenance, and service of overhead and underground electrical lines, transformers, poles and any other equipment, fixtures, structures and related facilities reasonably necessary to provide electrical service.
2. The PNM Gas Services for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
3. U.S. West for the installation, maintenance and service of all buried and aerial communication lines and other related equipment and facilities reasonably necessary to provide communication services, including, but not limited to, above ground pedestals and closures.
4. Jones Intercable for the installation, maintenance, and service of such lines, cables and other related equipment and facilities reasonably necessary to provide Cable TV service.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, modify, renew, operate, and maintain facilities for the purpose described above, together with free access to, from and over said easements, including the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (aboveground or subsurface), hot tub, concrete or wood decking, or other structure shall be erected or constructed on said easements , nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of national electrical safety code caused by construction of pools, decking, or any structures adjacent to, within, or near easements shown on this plat.

OWNER'S FREE CONSENT

THE SUBDIVISION SHOWN HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER(S) AND/ OR PROPRIETOR(S) THEREOF AND SAID OWNER(S) AND/ OR PROPRIETOR(S) DO HEREBY DEDICATE: ALL PUBLIC RIGHT-OF-WAY SHOWN HEREON, SAID OWNER(S) AND/OR PROPRIETOR(S) DO HEREBY GRANT: ALL PRIVATE AND ALL PUBLIC EASEMENTS SHOWN HEREON INCLUDING THE RIGHT TO CONSTRUCT, OPERATE, INSPECT AND MAINTAIN FACILITIES THEREIN; AND ALL PUBLIC UTILITY EASEMENTS SHOWN HEREON FOR THE COMMON AND JOINT USE OF GAS, ELECTRICAL POWER AND COMMUNICATION SERVICES FOR BURIED DISTRIBUTION LINES, CONDUITS AND PIPES FOR UNDERGROUND UTILITIES WHERE SHOWN OR INDICATED, AND INCLUDING THE RIGHT OF INGRESS AND EGRESS FOR CONSTRUCTION AND MAINTENANCE OF, AND THE RIGHT TO TRIM INTERFERING TREES AND SHRUBS (SEE P.U.E. NOTE). SAID OWNER(S) AND/ OR PROPRIETOR(S) DO HEREBY CONSENT TO ALL THE FOREGOING AND DO HEREBY CERTIFY THAT THIS SUBDIVISION IS THEIR FREE ACT AND DEED.

Charles A. Haegelin, President Curb Inc., General Partner — Date

STATE OF NEW MEXICO)
) SS
COUNTY OF BERNALILLO)

This instrument was Acknowledged before me on _____, 1996.

Notary Public

In approving this plat, PNM Electric and Gas Services does not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document which are not shown on this plat.

SCANNED BY MESA REPRO

PLAT OF SIGNAL HILL SUBDIVISION

Bernalillo County
Albuquerque, New Mexico
August, 1996

APPROVED AND ACCEPTED BY

Subdivision Case No. _____

Planning Director, City of Albuquerque, N.M. — Date

City Engineer, City of Albuquerque, N.M. — Date

Albuquerque Metropolitan Arroyo Flood Control Authority — Date

Traffic Div., City of Albuquerque, N.M. — Date

Water Utilities Dept., City of Albuquerque, N.M. — Date

Parks and General Services, City of Albuquerque, N.M. — Date

City Surveyor, City of Albuquerque, N.M. — Date

Property Management, City of Albuquerque, N.M. — Date

County Treasurer, Bernalillo County, N.M. — Date

PNM Gas Services Division — Date

PNM Electric Services Division — Date

U.S. West Telecommunications — Date

Jones Intercable, Inc. — Date

SURVEYOR'S CERTIFICATION

I, Ruan S. Bacigalupa, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that this plat was prepared by me or under my supervision, from an actual field survey performed under my direction, and meets the minimum requirements for monumentation and surveys of the Albuquerque Subdivision Ordinance, and further meets the Minimum Standards for Land Surveying in the State of New Mexico (Effective February 2, 1994), and that interior lot corners will be set in accordance with said minimum standards.

Ruan S. Bacigalupa, N.M.P.S. 11462 — Date
AVID Engineering, Inc.
5801 Osuna Rd. NE – Suite 200
Albuquerque, New Mexico, 87109

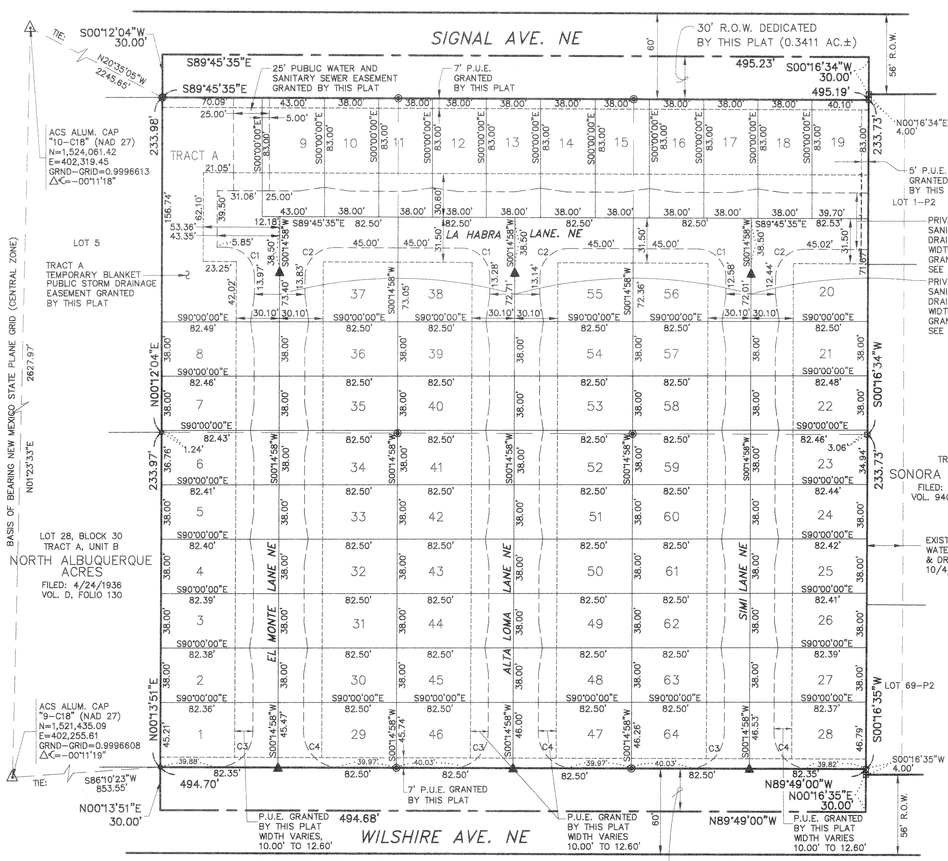
INDEXING INFORMATION FOR COUNTY CLERK

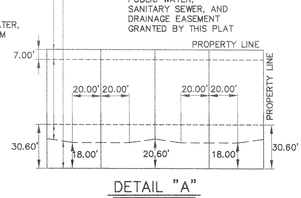
OWNER:	CURB INC.
SECTION:	ELENA GALLEGOS GRANT Projected Sec. 13, T.11N., R.3E.
SUBDIVISION:	SIGNAL HILL

DATE: 8/26/96
AVID JOB No. 6022.473

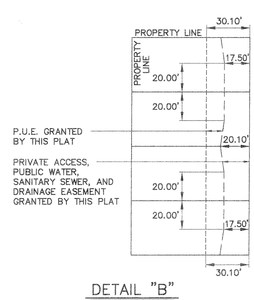
AVID ENGINEERING, INC.
Civil ⇔ Structural ⇔ Transportation
5801 Osuna Rd. NE – Suite 200
Albuquerque, NM 87109 – (505) 881-5351

SHEET 1 OF 2





DETAIL "A"
TYPICAL EASEMENT LAYOUT
LOTS 10-18



DETAIL "B"
TYPICAL EASEMENT LAYOUT
LOTS 2-8, 21-27, 30-36, 39-45, 48-54, 57-63

LOT ACREAGE

LOT	ACRES
1	0.0857
2	0.0719
3	0.0719
4	0.0719
5	0.0719
6	0.0719
7	0.0719
8	0.0719
9	0.0819
10	0.0724
11	0.0724
12	0.0724
13	0.0724
14	0.0724
15	0.0724
16	0.0724
17	0.0724
18	0.0724
19	0.0760
20	0.1361
21	0.0720
22	0.0719
23	0.0719
24	0.0719
25	0.0719
26	0.0719
27	0.0719
28	0.0882
29	0.0864
30	0.0720
31	0.0720
32	0.0720
33	0.0720
34	0.0720
35	0.0720
36	0.0720
37	0.1387
38	0.1380
39	0.0720
40	0.0720
41	0.0720
42	0.0720
43	0.0720
44	0.0720
45	0.0720
46	0.0869
47	0.0874
48	0.0720
49	0.0720
50	0.0720
51	0.0720
52	0.0720
53	0.0720
54	0.0720
55	0.1374
56	0.1367
57	0.0720
58	0.0720
59	0.0720
60	0.0720
61	0.0720
62	0.0720
63	0.0720
64	0.0879
TRACT A	0.2732

CURVE DATA

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C1	20.00'	31.42'	28.29'	N44°45'18"W	90°00'33"
C2	20.00'	31.41'	28.28'	N45°14'42"E	89°59'27"
C3	25.00'	39.24'	35.33'	S45°12'59"W	89°56'02"
C4	25.00'	39.30'	35.38'	S44°47'01"E	90°03'58"

NOTES CONTINUED FROM SHEET 1

6. Contemporaneously with the recording of this plat in the Bernalillo County, New Mexico real estate records, the developer and owner of the subdivision, will encumber the subdivision with the Restrictions of Signal Hill Subdivision (the "Restrictions") and create the Signal Hill Homeowners' Association, a New Mexico nonprofit corporation (the "Association").

7. All Lots will be encumbered by the Restrictions, and all lot owners will be members of the Association.

8. Tract A shall be conveyed to the Association. The Association shall have the obligation to maintain: (i) the drainage improvements constructed within Tract "A", (ii) private park improvements constructed within Tract "A", following the removal of the drainage improvements.

9. Private access easements are granted to the Association. The Association shall have the obligation to maintain street improvements, including curb, gutter, sidewalks and street trees, constructed within the private access easement shown on the plat.

10. Public storm drainage, water and sanitary sewer easements, as shown on this plat, are granted to the City of Albuquerque. The City has the right to enter upon the Grantees Property at any time and perform whatever inspection, installation, maintenance, repair, modification or removal ("Work") it deems appropriate without liability to the City. If the Work effects any improvements or Encroachments made by the Grantee, the City will not be financially or otherwise responsible for rebuilding or repairing of improvements or Encroachments. If in the opinion of the City, the Work to be performed by the City could endanger the structural integrity or otherwise damage the improvements or Encroachments, the Grantee shall, at its own expense, take whatever protective measures are required to safeguard the improvements or Encroachments.

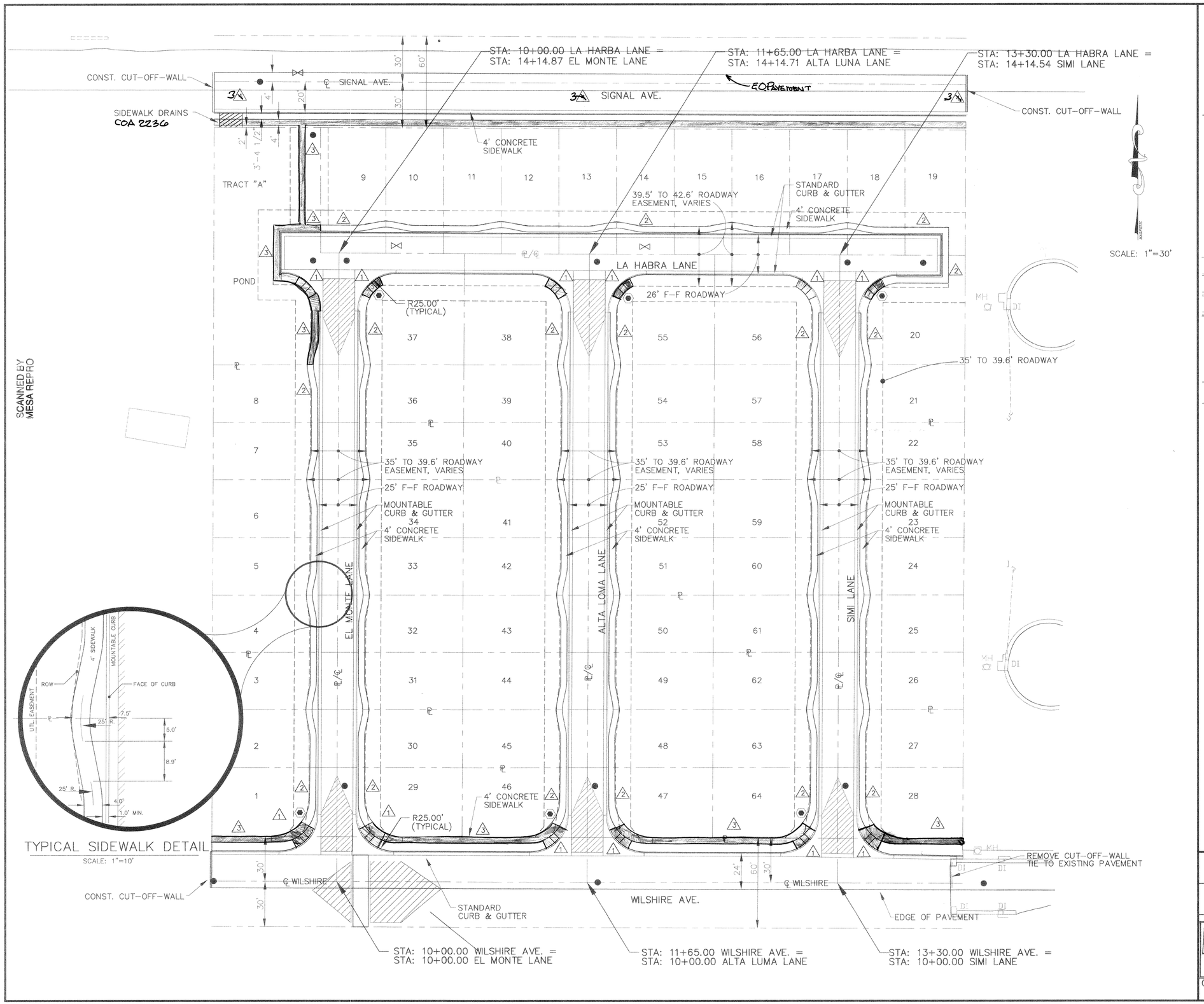
50' 25' 0' 50'
SCALE: 1"=50'

DATE: 8/26/96
AVID JOB No. 6022.473

AVID ENGINEERING, INC.
Civil ⇔ Structural ⇔ Transportation
5801 Osuna Rd. NE – Suite 200
Albuquerque, NM 87109 – (505) 881-5351

SHEET 2 OF 2

City Project No. 556181 Zone Map No. Sheet 2 Of 17



GENERAL NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE.
2. ALL ELEVATIONS ARE TOP OF CURB UNLESS OTHERWISE NOTED.

KEYED NOTES

1. CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II. TRANSITION FROM MOUNTABLE TO STANDARD CURB PER DWG. 2418
2. FUTURE 4' SIDEWALK, BY OTHERS. (DEFERRED)
3. CONSTRUCT 4' SIDEWALK WITH THIS CONTRACT
4. ~~CONSTRUCT 6' SIDEWALK~~

LEGEND

- CENTERLINE OF STREET
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP
- PROPOSED CONCRETE VALLEY GUTTER
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (50' MIN. TRANSITION LENGTH)
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STREET LIGHT LOCATION (PRIVATE)
- EXISTING VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE

AS BUILT INFORMATION

CONTRACTOR New CONCEPTS DATE
STAKED BY CITY OF ALBUQ. DATE
INSPECTOR'S ACCEPTANCE BY Mark Mepher DATE
FIELD VERIFICATION BY Mark Mepher DATE
DRAWINGS CORRECTED BY AVID ENGINEERING DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9-C18 1985", LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E.

ELEVATION 5,229.79

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

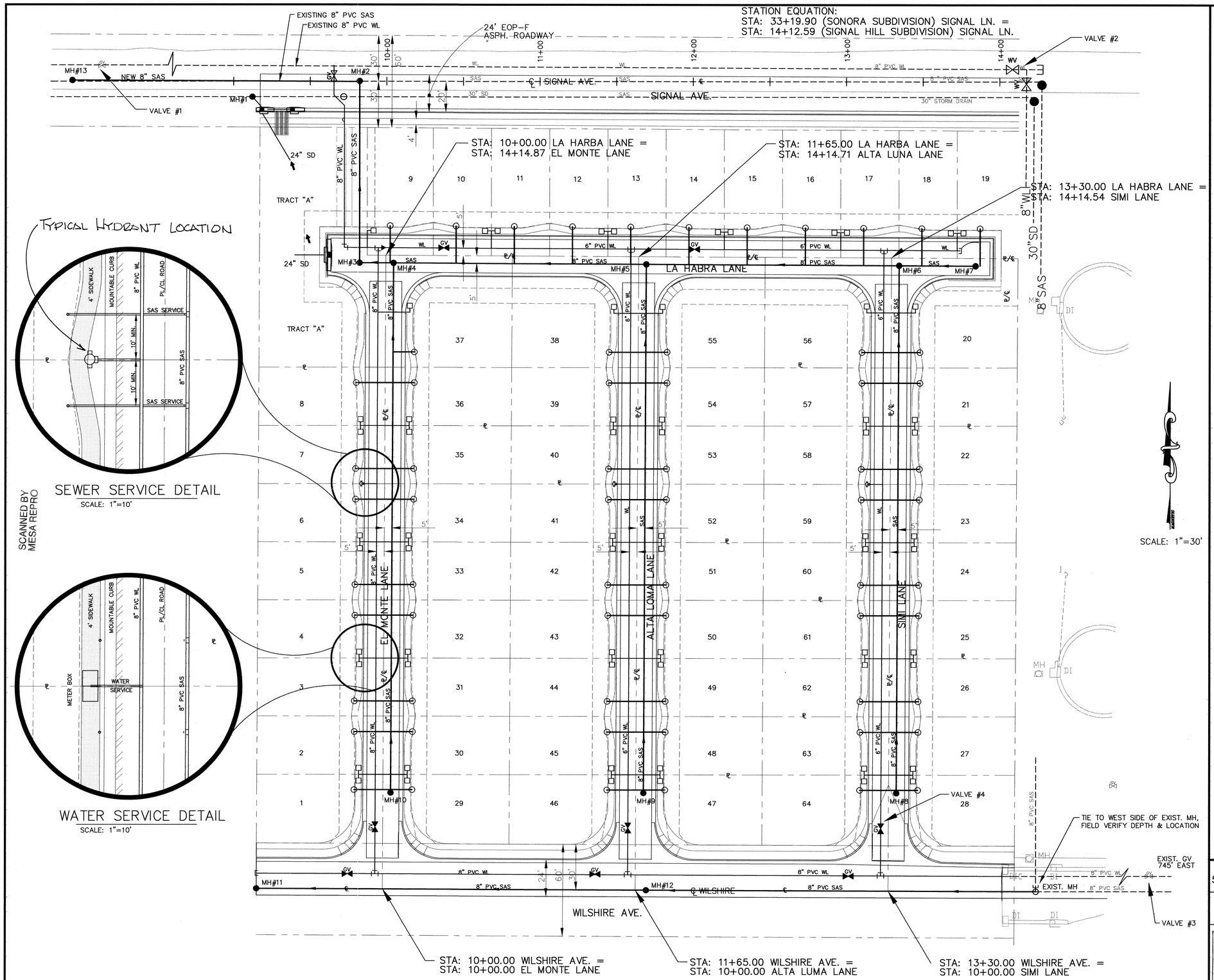
OVERALL PAVING PLAN
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

City Project No. 556181 | Zone Map No. C-18-Z | Sheet 3 Of 17

SCANNED BY MESA REPRO



SCANNED BY MESA REPRO

GENERAL NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE.
2. ALL ELEVATIONS ARE TOP OF CURB UNLESS OTHERWISE NOTED.

WATER SHUT-OFF PLAN

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THIS PROJECT.

AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

ALL NEW WATERLINE/FIRE HYDRANT INSTALLATIONS MUST BE FLUSHED PRIOR TO BACKFILLING OF LINES. ONLY CITY OF ALB. PERSONEL TO OPERATE VALVLES.

CONNECTION "A"--WILSHIRE AVE.
- CLOSE VALVE #3
- MAKE NON-PRESSURE CONNECTION
- LIMIT LINE CLOSURE TO 4 HOURS MAXIMUM.

CONNECTION "B"--SIGNAL AVE.
- MAKE PRESSURE CONNECTION
- NO SHUT-OFF REQUIRED

SEE SHEET 15 FOR LOUISIANA BLVD. WATER SHUT-OFF PLAN.

LEGEND

- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- WL — PROPOSED WATERLINE
- SAS — PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- GV — PROPOSED GATE VALVE
- PROPOSED 90° BEND
- PROPOSED TEE
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE

AS BUILT INFORMATION

CONTRACTOR		DATE
WORK STAKED BY		DATE
INSPECTOR ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
MICRO-FILM INFORMATION		
RECORDED BY		DATE
NO.		

BENCH MARKS

THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9-C18 1985", LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E.

ELEVATION 5,229.79

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

5240

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

OVERALL UTILITY PLAN
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED NOV 22 1996 DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 4 Of 17
556181	C-18-Z	

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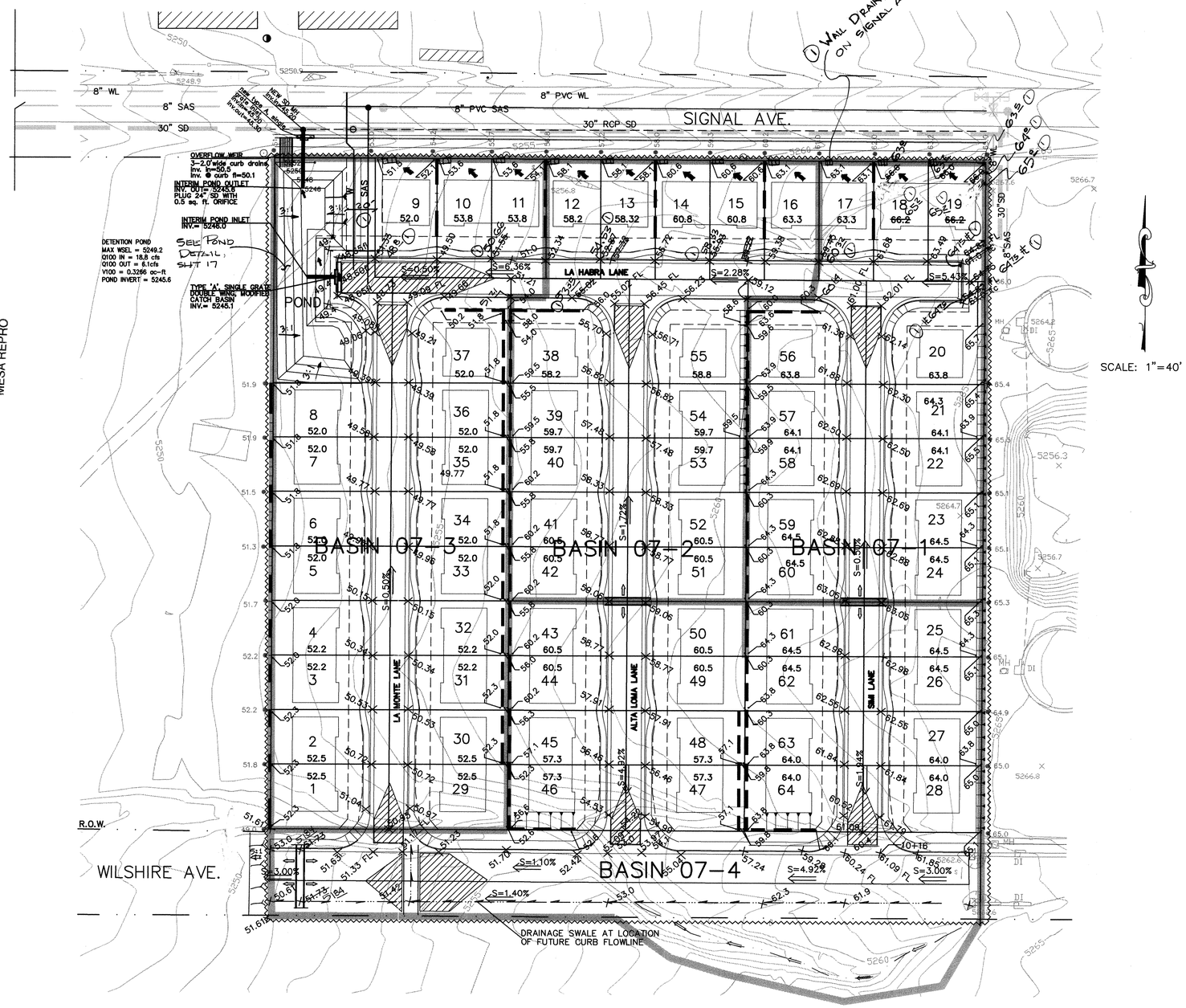
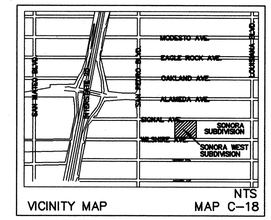


SCANNED BY MESA REPRO

SCALE: 1"=40'

GENERAL NOTES

1. ALL CURB ELEVATIONS SHOWN ARE FLOWLINE OF CURB UNLESS OTHERWISE NOTED.
2. ALL ELEVATIONS SHOWN ARE TRUNCATED FROM 5200. (i.e. ELEVATION 36.5 IS 5236.50, Mean Sea Level)
3. GRADE PADS TO WITHIN 5' OF THE PROPERTY LINE EXCEPT AT SIDESTREETS GRADE PADS TO WITHIN 10' OF PROPERTY LINE.
4. CONTRACTOR TO PROVIDE AS-BUILT INFORMATION NECESSARY FOR CITY GRADING & DRAINAGE CERTIFICATION.
5. SEE TYPICAL LOT GRADING DETAILS AND WALL DETAILS, GRADING DETAILS AND WALL DETAILS SHEET.
6. CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT PRIOR TO BEGINNING ANY EARTHWORK CONSTRUCTION.
7. CONTRACTOR REQUIRED TO REMOVE SEDIMENT IN STREET WITHIN 24 HOURS.



VICINITY MAP — NTS — MAP C-18

LEGAL DESCRIPTION:
LOTS 6 thru 8 AND 25 THRU 27, TRACT A, UNIT B, BLOCK 30, NORTH ALBUQUERQUE ACRES

LEGEND

- EXISTING STANDARD CURB & GUTTER
- PROPOSED AC CURB
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- GARDEN WALL
- RETAINING WALL
- PROPOSED CONCRETE VALLEY GUTTER
- TRANSITION FROM CROWN TO NO CROWN
- TEMPORARY PAVING
- PROPOSED WHEELCHAIR RAMP
- SLOPE AREA (MAX. SLOPE 3:1)
- 51.8 EXISTING GROUND CONTOUR
- EXISTING SPOT ELEVATION
- 51.4 PROPOSED SPOT ELEVATION (5236.90)
- PROPOSED FLOW DIRECTION
- PROPOSED WATER BLOCK
- 2 / 52.4 LOT # & PAD ELEVATION (5252.4 MSL)
- TEMPORARY EROSION CONTROL BERM
- WATER BLOCK
- DRAINAGE SWALE AT LOCATION OF FUTURE CURB
- CMU WALL DRAIN ①
- REAR WALL DRAIN ①

APPROVED FOR ROUGH GRADING:
± 1.0 FT.
CITY OF ALBUQUERQUE HYDROLOGY DEPT. — DATE 10-1-96

AVID ENGINEERING, INC.
Civil • Structural • Transportation
5801 Osuna Rd. NE - Suite 200
Albuquerque, NM 87109 - (505) 881-3357

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9-C18 1985", LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E., ELEV=5229.79.

SURVEY INFORMATION

NO.	BY	DATE

FIELD NOTES

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY
1	10/23/96	Field Revisions	ELB

DESIGN

		DATE
DESIGNED BY	ELB	
DRAWN BY	ELB	
CHECKED BY	RAB	

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: SIGNAL HILL SUBDIVISION
DRAINAGE AND GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED DESIGN REVIEW COMMITTEE — Approved @ DRB			

City Project No.	Zone Map No.	Sheet	Of
556181	C-18-Z	5	15

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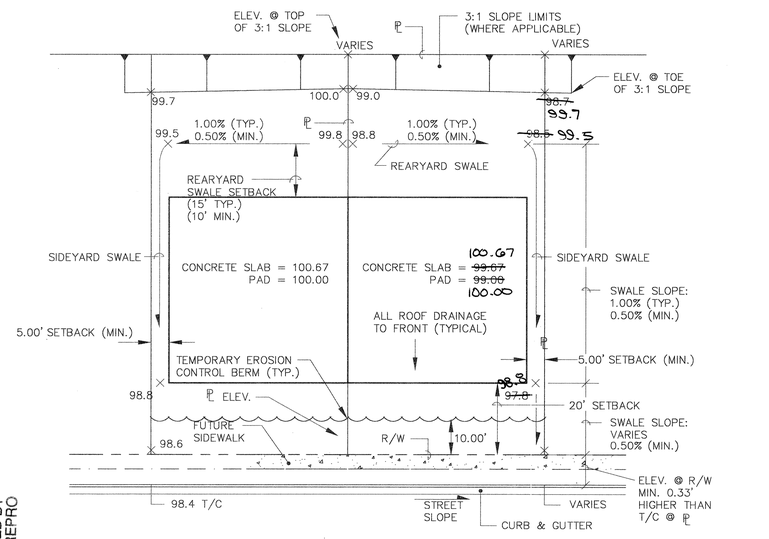
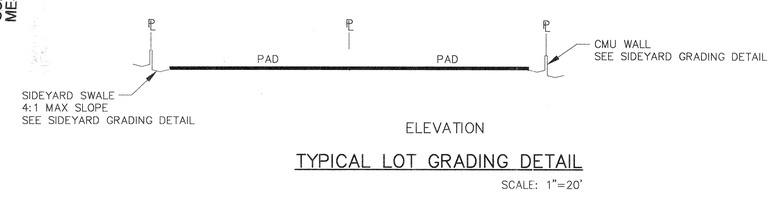


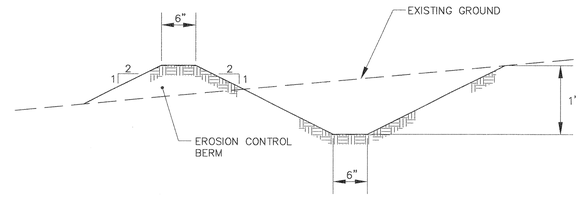
TYPICAL LOT PLAN



ELEVATION

TYPICAL LOT GRADING DETAIL

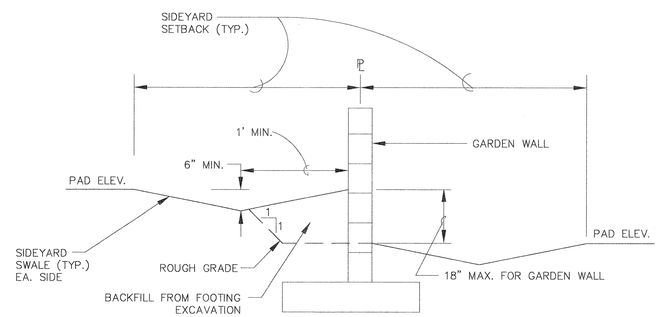
SCALE: 1"=20'



EROSION CONTROL/DIVERSION BERM

NTS

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION.



SIDEYARD GRADING DETAIL

NTS

LOT GRADING GENERAL NOTES:

1. LOT GRADING SHALL MEET THE SITE GRADING AND DRAINAGE CRITERIA FOR PROPOSED CONSTRUCTION AS SET FORTH BY THE DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT – FEDERAL HOUSING ADMINISTRATION IN CIRCULAR LETTER NO. 91–1, OFFICE OF THE MANAGER, ALBUQUERQUE, NEW MEXICO, DATED 1/25/91.

2. ELEVATION OF HIGHPOINT OF REARYARD SWALE SHALL BE MIN. OF 6" BELOW PAD ELEVATION.

3. FINISHED FLOOR ELEVATIONS (NOT SHOWN SHALL BE 8" ABOVE PAD ELEVATIONS (SHOWN).

4. FRONT YARD SIDEWALK SLOPE SHALL NOT EXCEED 10%.

5. DRIVEWAY SLOPE SHALL NOT EXCEED 14%. IF DRIVEWAY IS USED AS SIDEWALK, MAX–SLOPE SHALL NOT EXCEED 10%.

6. SLOPES SHALL NOT EXCEED 4:1.

7. THE CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO COMMENCING CONSTRUCTION.

8. THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT SUPPLIED BY CURB INC.

9. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.

10. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE CONSTRUCTION SITE. EROSION CONTROL MEASURES ARE INTENDED TO CONTROL MINOR FLOWS AND PROHIBIT THE RELEASE OF SEDIMENT INTO ADJACENT STREETS AND PROPERTY. EROSION CONTROL AND DIVERSION BERMS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DETAIL SHOWN ON THIS SHEET, AT LOCATIONS SHOWN ON THE GRADING PLAN.

11. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TEMPORARY BERMS THROUGHOUT THE CONSTRUCTION PHASE. THE OWNER WILL MAINTAIN BERMS AFTER COMPLETION AND ACCEPTANCE OF CONSTRUCTION.

12. TEMPORARY EROSION CONTROL BERMS LOCATED ON INDIVIDUAL LOTS SHALL REMAIN IN PLACE UNTIL THE CONSTRUCTION OF EACH RESPECTIVE BUILDING IS COMPLETE, ON A LOT BY LOT BASIS.

13. THE TOLERANCES FOR ROUGH GRADING SHALL CONFORM TO THE FOLLOWING:

PAD SUBGRADE:	+/– 0.2'
STREET SUBGRADE:	+/– 0.2'
ALL OTHER AREAS:	+/– 0.5'

14. BACKYARD DRAINS TO BE PROVIDED AS DESIGNATED.

15. THE CONTRACTOR IS FULLY RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. CAUTION SHALL BE EXERCISED WHEN WORKING IN THE VICINITY OF EXISTING UTILITIES. ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

16. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.

17. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.

18. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

19. THE CONTRACTOR SHALL REVEGETATE AND RE–ESTABLISH ALL AREAS WHICH ARE DISTURBED BY SITE GRADING AND ARE NOT TO RECEIVE PERMANENT SURFACE TREATMENTS. SPECIFICATIONS FOR SEEDING SHALL BE PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, SECTION 1011, NATIVE SEEDING CLASS A.

OPERATION SHALL CONSIST OF PROTECTION OF SITE, PREPARATION OF SEEDBED, MULCHING, FERTILIZATION, AND THE PROVISION OF MATERIALS, LABOR, AND EQUIPMENT NECESSARY TO PERFORM THE OPERATION. THE SEED MIX SHALL BE AS DENOTED IN THE LIST BELOW.

SEED TYPE	LBS. PLS PER ACRE
GRASSES	
INDIAN RICE(10%) GRASS	15 LBS.
GALLETA GRASS(30%) 'VIVA'	3.5 LBS.
SIDE OATS(20%) GRAMA	2 LBS.
SAND(10%) DROPSEED	1 LB.
BLUE GRAMA(30%) 'HACHITA'	2 LBS.
WILD FLOWERS	
TAHOKA DAISY	1 LB.
YELLOW CONEFLOWER	1 LB.
GALLARDIA	1 LB.

SCANNED BY MESA REPRO

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9–C18 1985", LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E., ELEV.=5229.79.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY ETS — DATE 6/93
DRAWN BY ETS — DATE 6/93
CHECKED BY RLB — DATE 6/93

AVID ENGINEERING, INC.
Civil • Structural • Transportation
6100 Seagull St. NE – Suite 102
Albuquerque, NM 87109 – (505) 881–5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

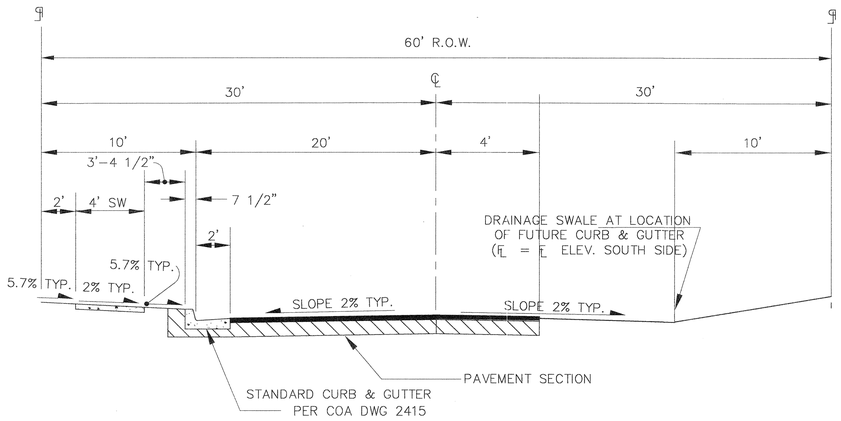
TITLE: SIGNAL HILL SUBDIVISION GRADING DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			Water		
Transportation			Waste Water		
Hydrology					

APPROVED NOV 2 2 1995 DESIGN REVIEW COMMITTEE

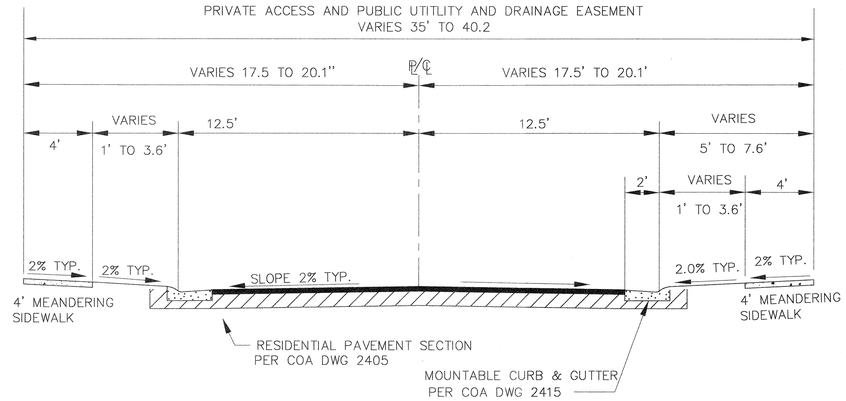
APPROVED FOR ROUGH GRADING: ± 1.0 FT.
CITY OF ALBUQUERQUE HYDROLOGY DEPT. — DATE

City Project No.	Zone Map No.	SHEET	OF
5561.81	C–18–Z	6	17



TYPICAL SECTION FOR SIGNAL AVENUE

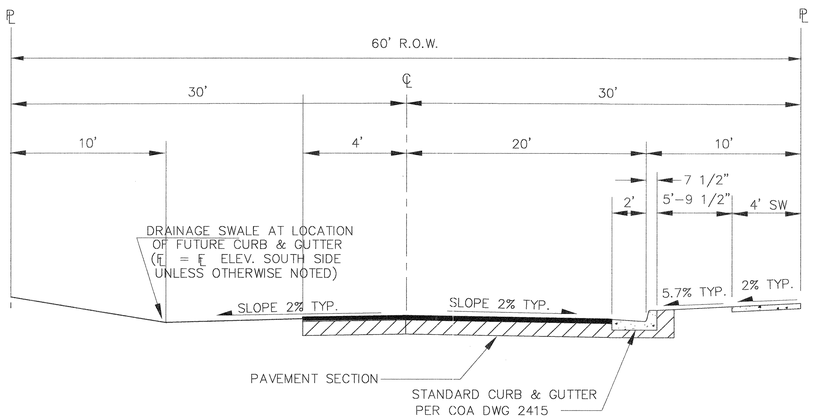
NO SCALE



EL MONTE LN., ALTA LOMA LN. & SIMI LN. TYPICAL SECTION

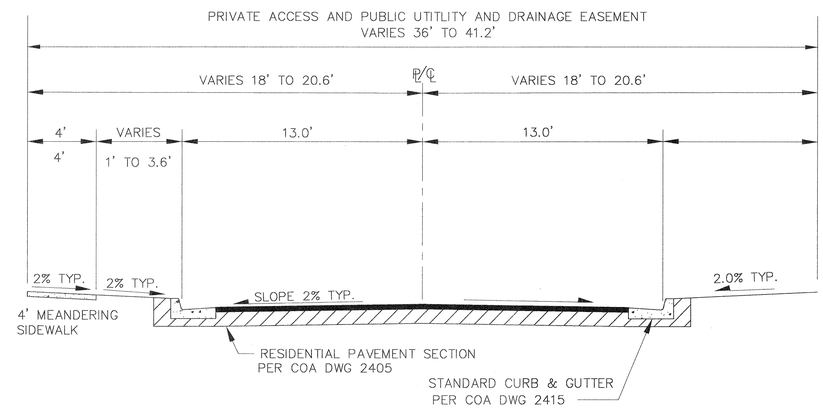
NO SCALE

SCANNED BY MESA REPRO



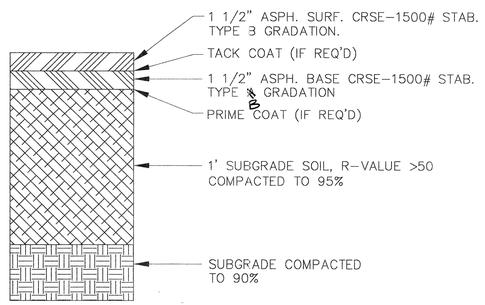
TYPICAL SECTION FOR WILSHIRE AVENUE

NO SCALE



LA HABRA LN. TYPICAL SECTION

NO SCALE

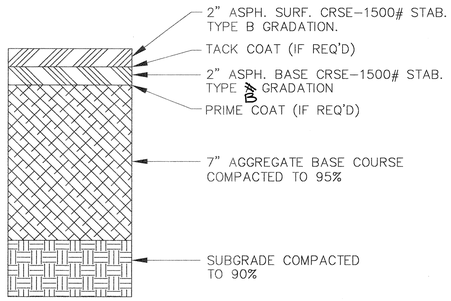


PAVING SECTION

PER COA DWG 2405 NTS

EL MONTE LANE
ALTA LOMA LANE
LA HABRA LANE
SIMI LANE

MATCH EX. PAVEMENT SECTION, SONORA SUBDIVISION.



PAVING SECTION

~~PER COA DWG 2405~~ NTS

SIGNAL AVENUE
WILSHIRE AVENUE

AS BUILT INFORMATION

CONTRACTOR — DATE
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

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ELEVATION 5,229.79

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

TITLE: SIGNAL HILL SUBDIVISION

STREET PAVING SECTIONS

DESIGN REVIEW COMMITTEE — APPROVED NOV 22 1996 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

City Project No. 5561.81 | Zone Map No. C-18-Z | Sheet 7 Of 17

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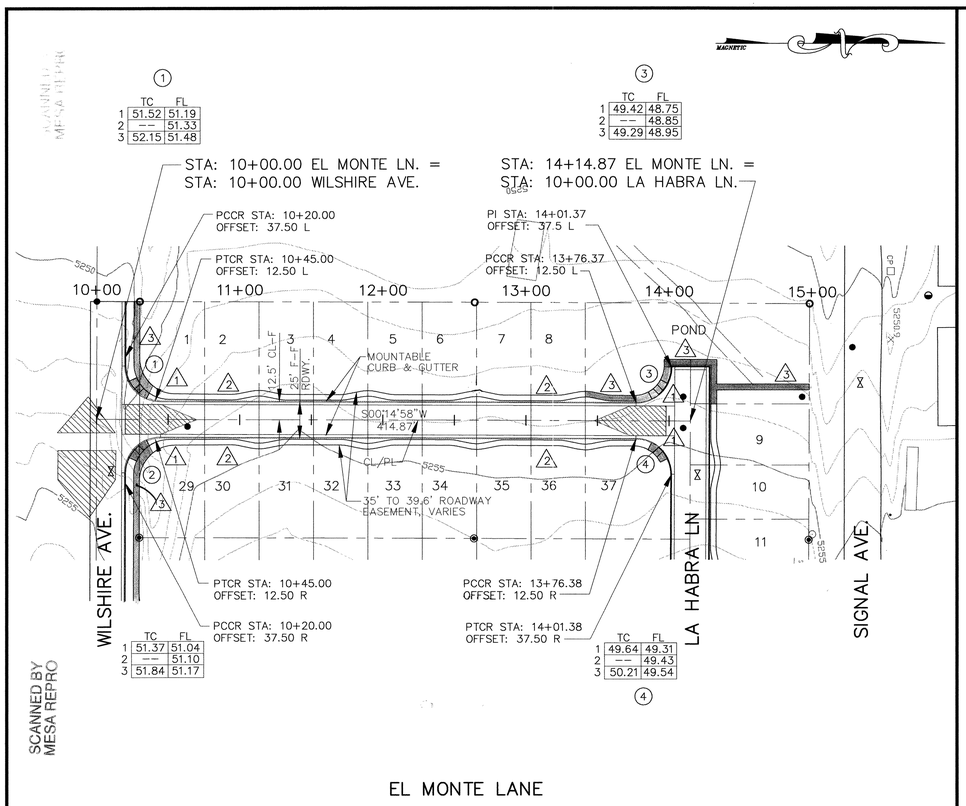
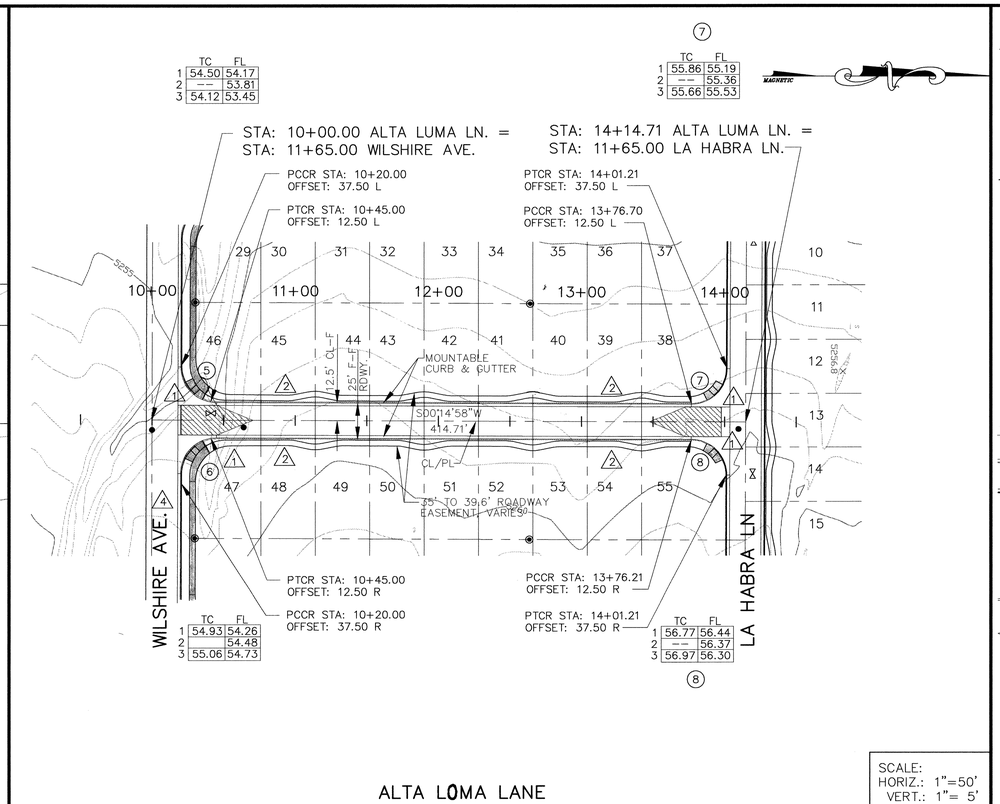
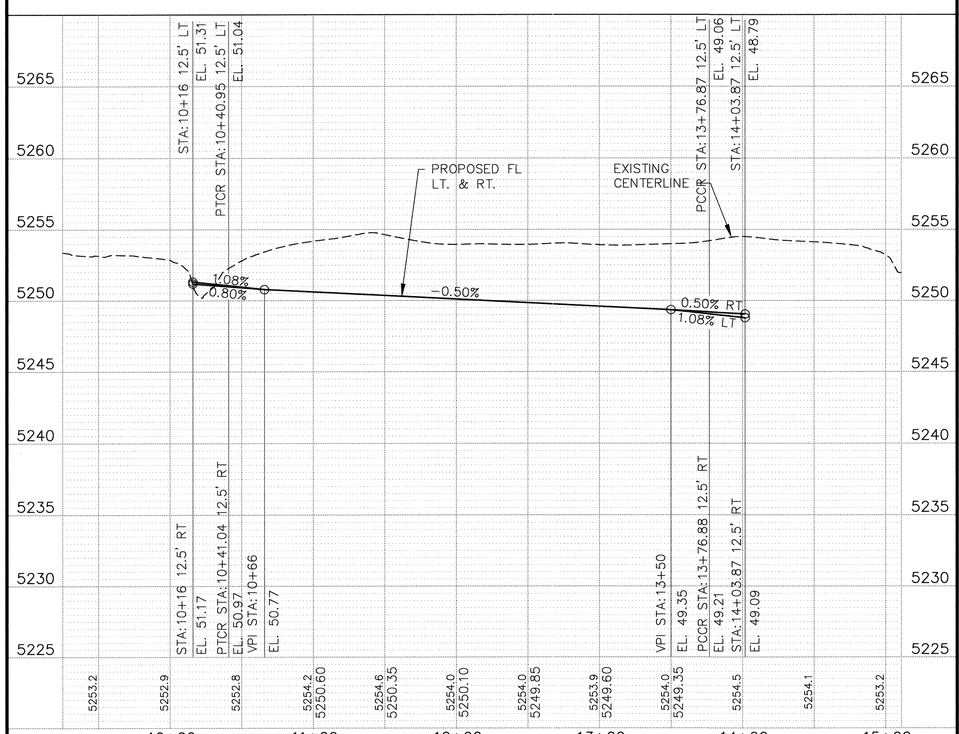
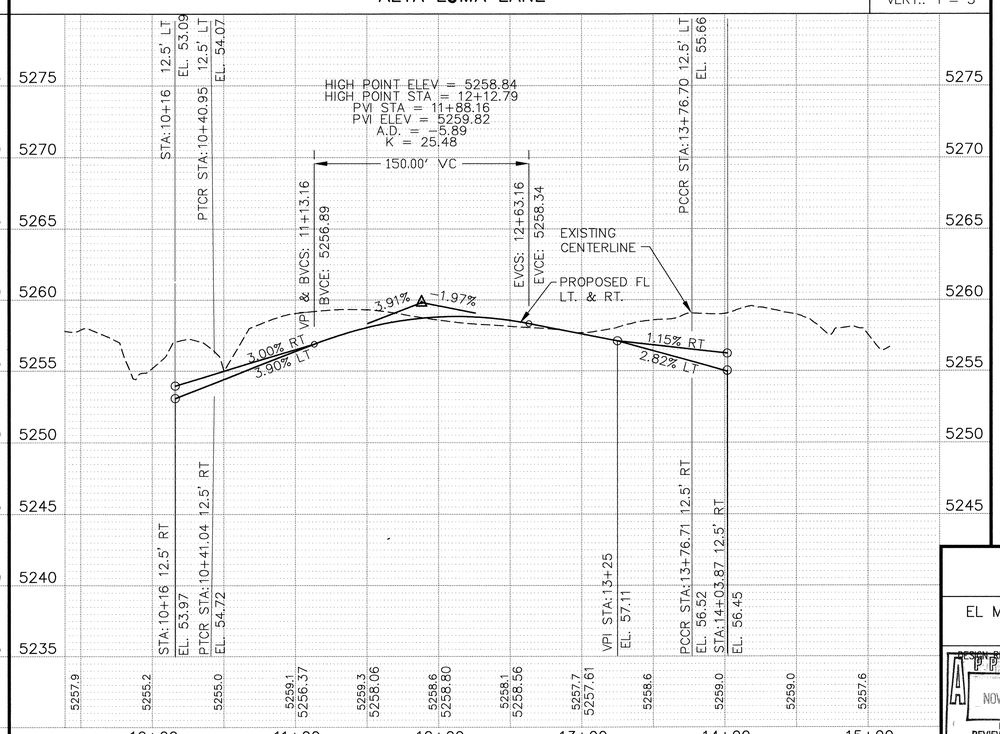




SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'





GENERAL NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE.
2. ALL ELEVATIONS ARE FLOW LINE GUTTER UNLESS OTHERWISE NOTED.

KEYED NOTES

1. CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II. TRANSITION FROM MOUNTABLE TO STANDARD CURB (NO HEADER CURB)
2. FUTURE 4' SIDEWALK, BY OTHERS.
3. CONSTRUCT 4' SIDEWALK WITH THIS CONTRACT

LEGEND

- CENTERLINE OF STREET
- PROPOSED MOUNTABLE CURB
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP THIS CONTRACT
- PROPOSED CONCRETE VALLEY GUTTER
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (50' MIN. TRANSITION LENGTH)
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE

CURVE DATA

1	Δ = 89°56'02" R = 25.00' T = 24.97' L = 39.24'	2	Δ = 90°03'58" R = 25.00' T = 25.03' L = 39.30'
3	Δ = 90°00'33" R = 25.00' T = 25.00' L = 39.27'	4	Δ = 89°59'27" R = 25.00' T = 25.00' L = 39.27'
5	Δ = 89°56'02" R = 25.00' T = 24.97' L = 39.24'	6	Δ = 90°03'58" R = 25.00' T = 25.03' L = 39.30'
7	Δ = 90°00'33" R = 25.00' T = 25.00' L = 39.27'	8	Δ = 89°59'27" R = 25.00' T = 25.00' L = 39.27'

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
SUBSTANTIAL COMPLETION ACCEPTANCE BY
VERIFICATION BY
DRAWINGS CORRECTED BY
DATE

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

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ELEVATION 5,229.79

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

EL MONTE LN. & ALTA LOMA LN. PAVING PLAN & PROFILE
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED NOV 22 1996 — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR.

City Project No. 5561.81 | Zone Map No. C-18-Z | Sheet 8 Of 17

SCANNED BY MESA REPRO

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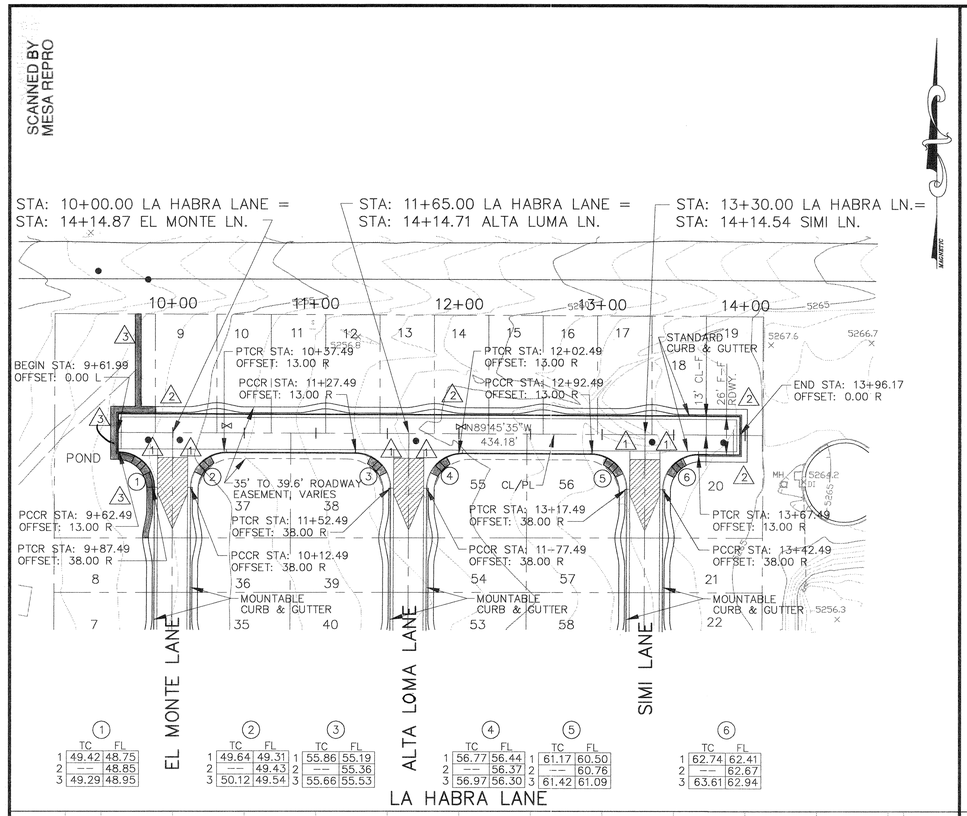

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2	--	48.85
3	49.29	48.95

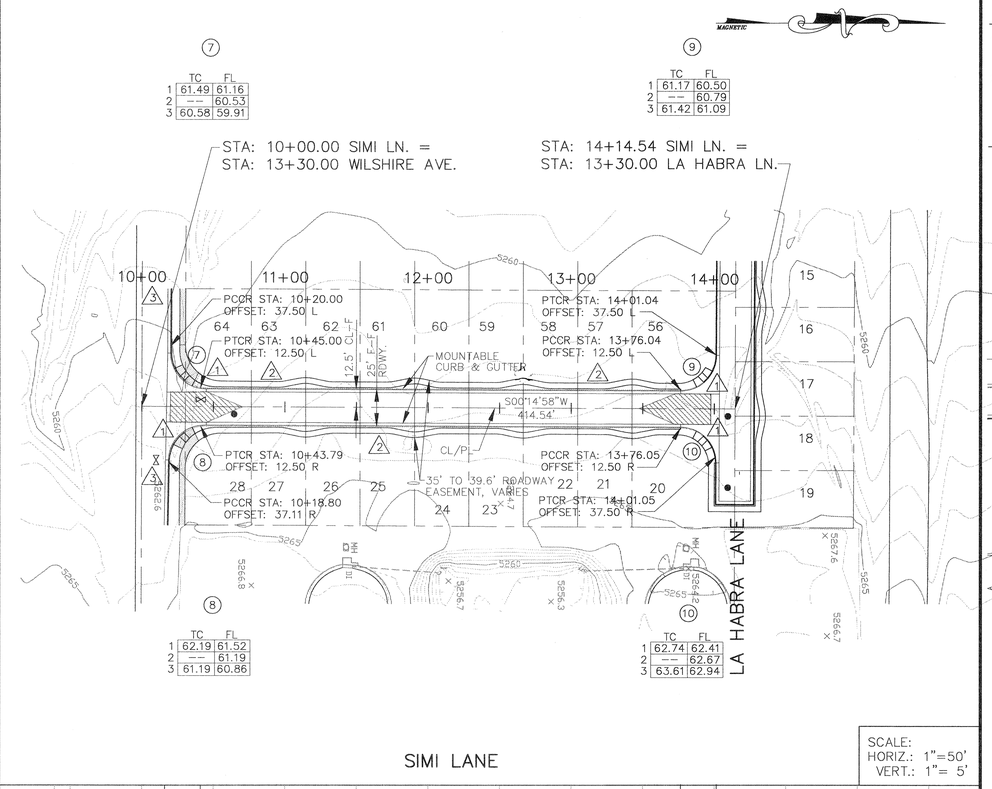
	TC	FL
1	49.64	49.31
2	--	49.43
3	50.12	49.54

	TC	FL
1	55.86	55.19
2	--	55.36
3	55.66	55.53

	TC	FL
1	56.77	56.44
2	--	56.37
3	56.97	56.30

	TC	FL
1	61.17	60.50
2	--	60.76
3	61.42	61.09

	TC	FL
1	62.74	62.41
2	--	62.67
3	63.61	62.94



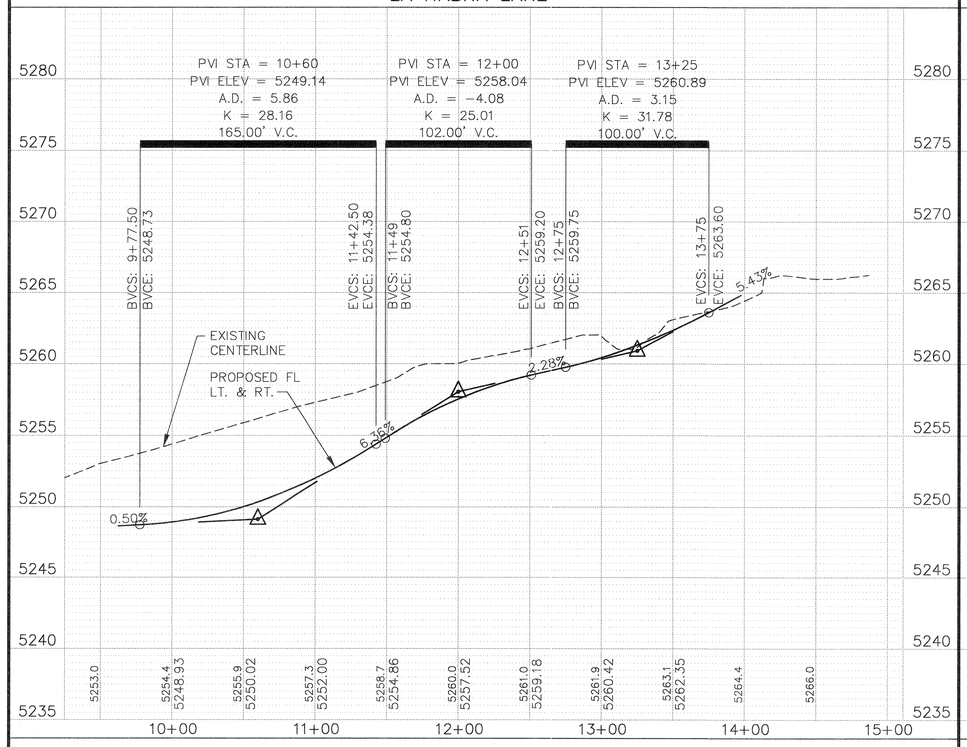
	TC	FL
1	61.49	61.16
2	--	60.53
3	60.58	59.91

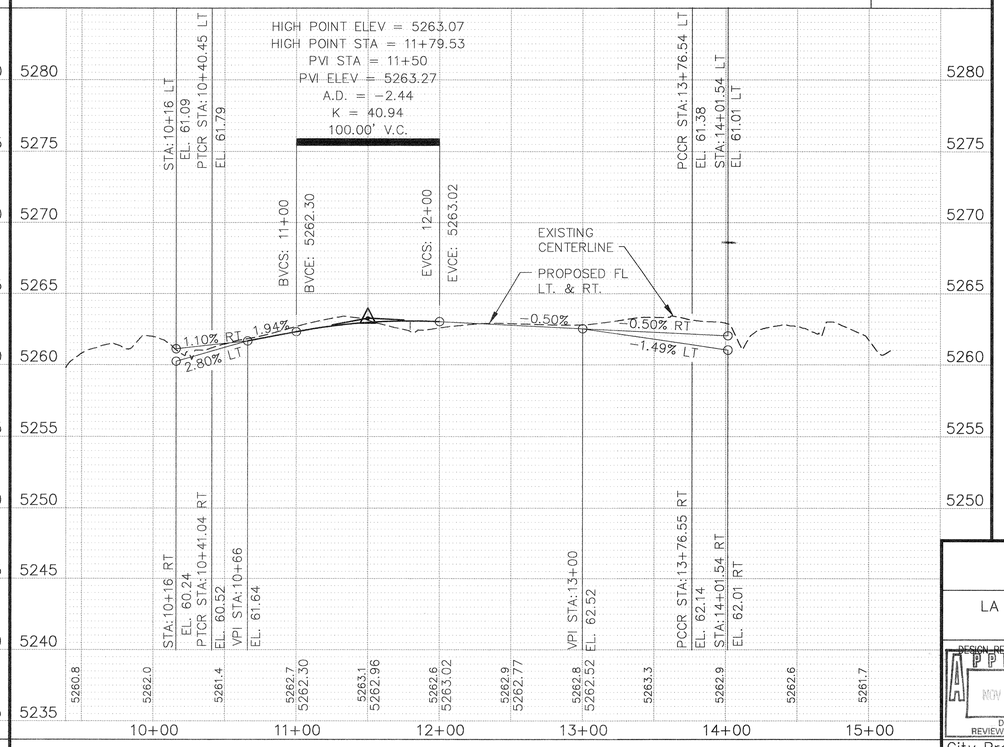
	TC	FL
1	61.17	60.50
2	--	60.79
3	61.42	61.09

	TC	FL
1	62.19	61.52
2	--	61.19
3	61.19	60.86

	TC	FL
1	62.74	62.41
2	--	62.67
3	63.61	62.94

SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'





GENERAL NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE.
2. ALL CURB ELEVATIONS ARE FLOW LINE OF GUTTER UNLESS OTHERWISE NOTED.

KEYED NOTES

1. CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II. TRANSITION FROM MOUNTABLE TO STANDARD CURB (NO HARDER CHECK)
2. FUTURE 4' SIDEWALK, BY OTHERS.
3. CONSTRUCT 4' SIDEWALK

LEGEND

- CENTERLINE OF STREET
- PROPOSED MOUNTABLE CURB
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP THIS CONTRACT
- PROPOSED CONCRETE VALLEY GUTTER
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (50' MIN. TRANSITION LENGTH)
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE

CURVE DATA

1	Δ = 90°00'33"	2	Δ = 89°59'27"
	R = 25.00'		R = 25.00'
	T = 25.00'		T = 25.00'
	L = 39.27'		L = 39.27'
3	Δ = 90°00'33"	4	Δ = 89°59'27"
	R = 25.00'		R = 25.00'
	T = 25.00'		T = 25.00'
	L = 39.27'		L = 39.27'
5	Δ = 90°00'33"	6	Δ = 89°59'27"
	R = 25.00'		R = 25.00'
	T = 25.00'		T = 25.00'
	L = 39.27'		L = 39.27'
7	Δ = 89°56'02"	8	Δ = 89°06'53"
	R = 25.00'		R = 25.00'
	T = 24.97'		T = 24.61'
	L = 39.24'		L = 38.88'
9	Δ = 90°00'33"	10	Δ = 89°59'27"
	R = 25.00'		R = 25.00'
	T = 25.00'		T = 25.00'
	L = 39.27'		L = 39.27'

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9-C18 1985", LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E.
ELEVATION 5,229.79

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

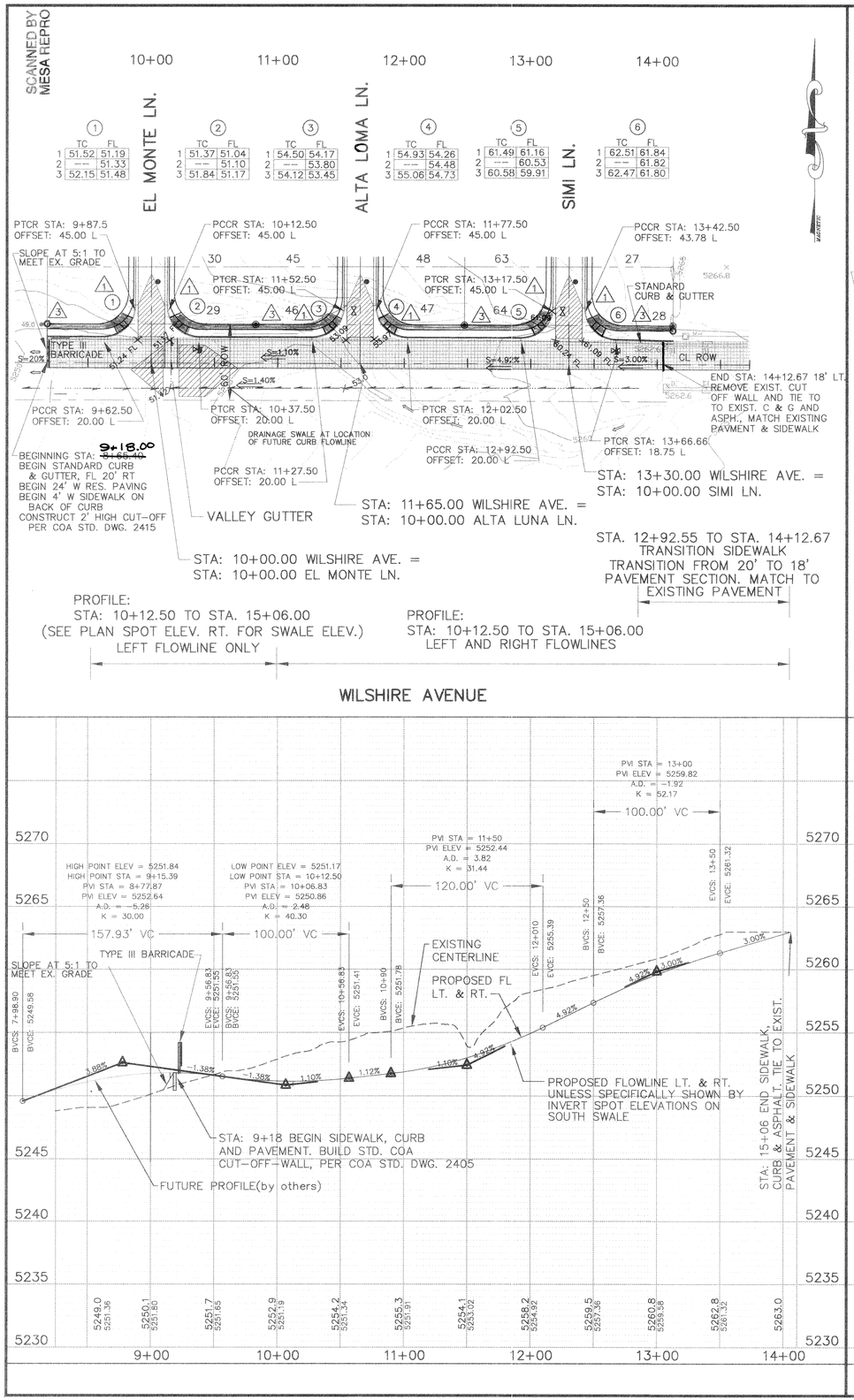
LA HABRA LN. & SIMI LN., PAVING PLAN & PROFILE
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED NOV 22 1996 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

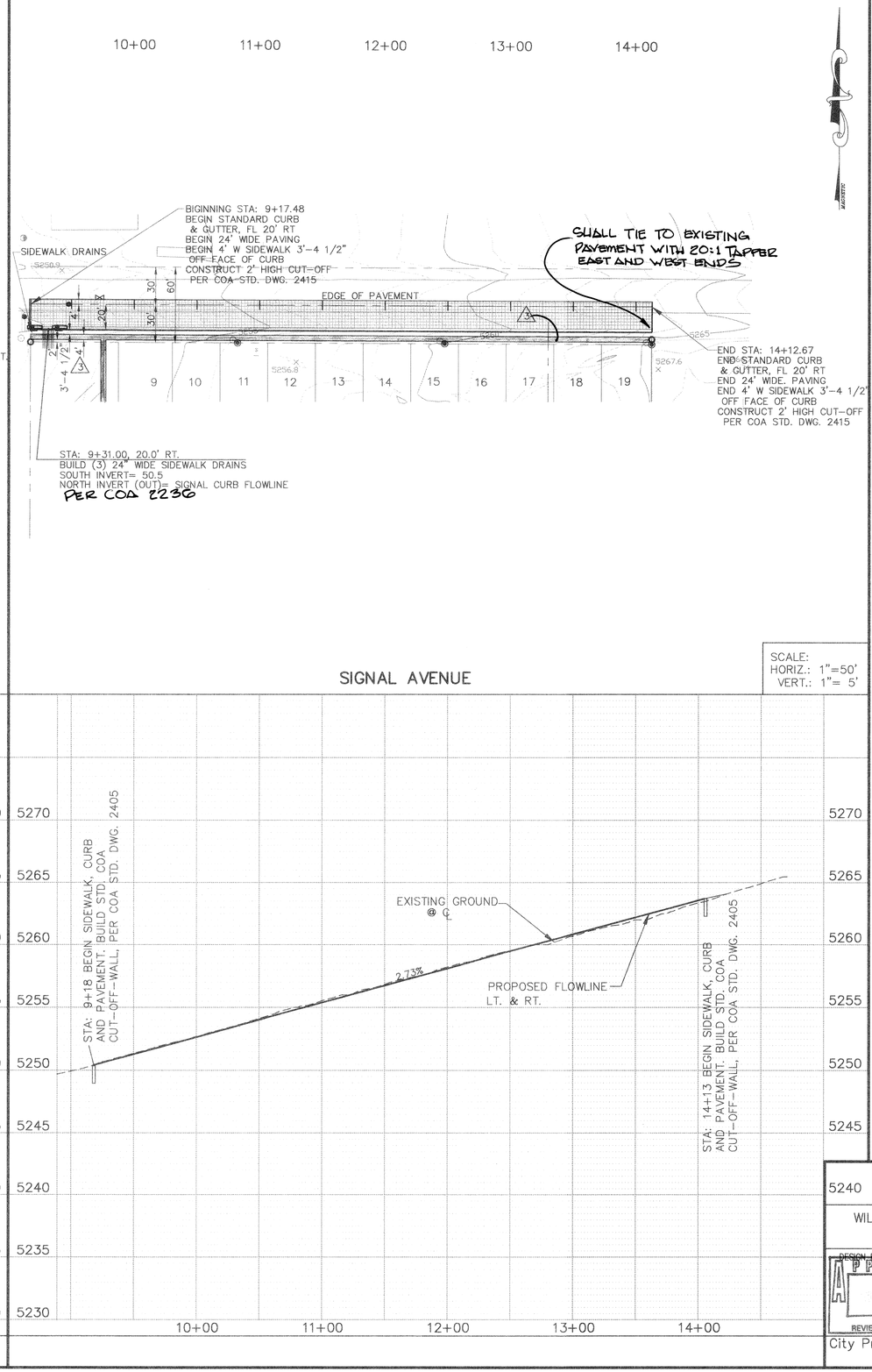
City Project No.	Zone Map No.	Sheet 9 Of 17
5561.81	C-18-Z	

E:\SINCRAW\IRAWINGS\PLNSET\PP-SI__A 10-9-95 10:56:39 am EST

SCANNED BY MESA REPRO



WILSHIRE AVENUE



SIGNAL AVENUE

SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'

GENERAL NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE.
2. ALL CURB ELEVATIONS ARE FLOWLINE OF GUTTER UNLESS OTHERWISE NOTED.

KEYED NOTES

1. CONSTRUCT WHEELCHAIR RAMPS PER COA DWG. 2441, TYPE II., TRANSITION FROM STANDARD TO MOUNTABLE CURB. CNO HENDEZ CURB
2. FUTURE 4' SIDEWALK, BY OTHERS.
3. CONSTRUCT 4' SIDEWALK.

LEGEND

- CENTERLINE OF STREET
- PROPOSED MOUNTABLE CURB
- PROPOSED STANDARD CURB & GUTTER
- PROPOSED WHEELCHAIR RAMP THIS CONTRACT
- PROPOSED CONCRETE VALLEY GUTTER
- TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION (50' MIN. TRANSITION LENGTH)
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STREET LIGHT LOCATION
- EXISTING VALVES
- EXISTING MANHOLE
- PROPOSED WATER VALVE

CURVE DATA

1	Δ = 89°56'02"	2	Δ = 90°03'58"
	R = 25.00'		R = 25.00'
	T = 24.97'		T = 25.03'
	L = 39.24'		L = 39.30'
3	Δ = 89°56'02"	4	Δ = 90°03'58"
	R = 25.00'		R = 25.00'
	T = 24.97'		T = 25.03'
	L = 39.24'		L = 39.30'
5	Δ = 89°56'02"	6	Δ = 89°06'35"
	R = 25.00'		R = 25.00'
	T = 24.97'		T = 24.61'
	L = 39.24'		L = 38.88'

AS BUILT INFORMATION

CONTRACTOR | DATE
WORK STAKED BY | DATE
WORK INSPECTED BY | DATE
ACCEPTANCE | DATE
FIELD VERIFICATION BY | DATE
DRAWINGS CORRECTED BY | DATE

MICRO-FILM INFORMATION
RECORDED BY | DATE
NO.

BENCH MARKS

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ELEVATION 5,229.79

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY | DATE
DRAWN BY | DATE
CHECKED BY | DATE

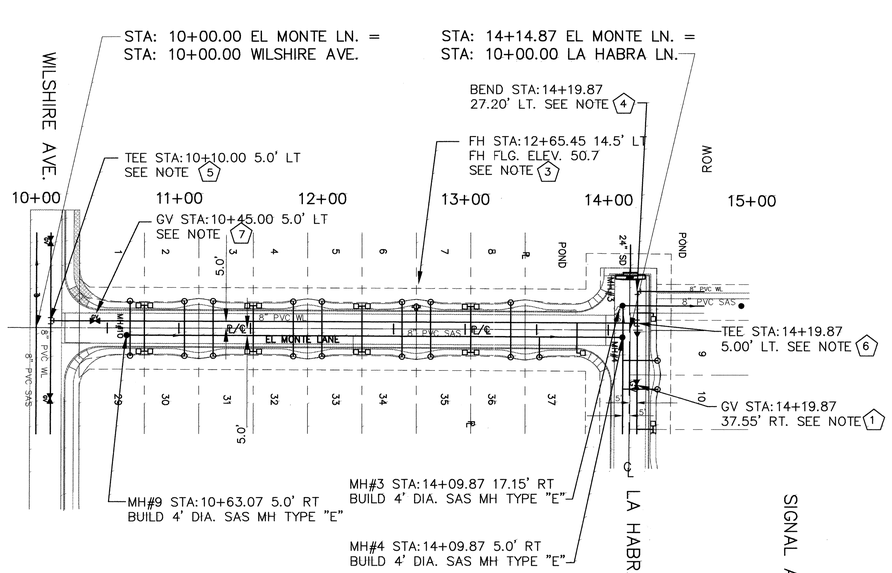
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

WILSHIRE AVE. & SIGNAL AVE. PAVING PLAN & PROFILE
SIGNAL HILL SUBDIVISION

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

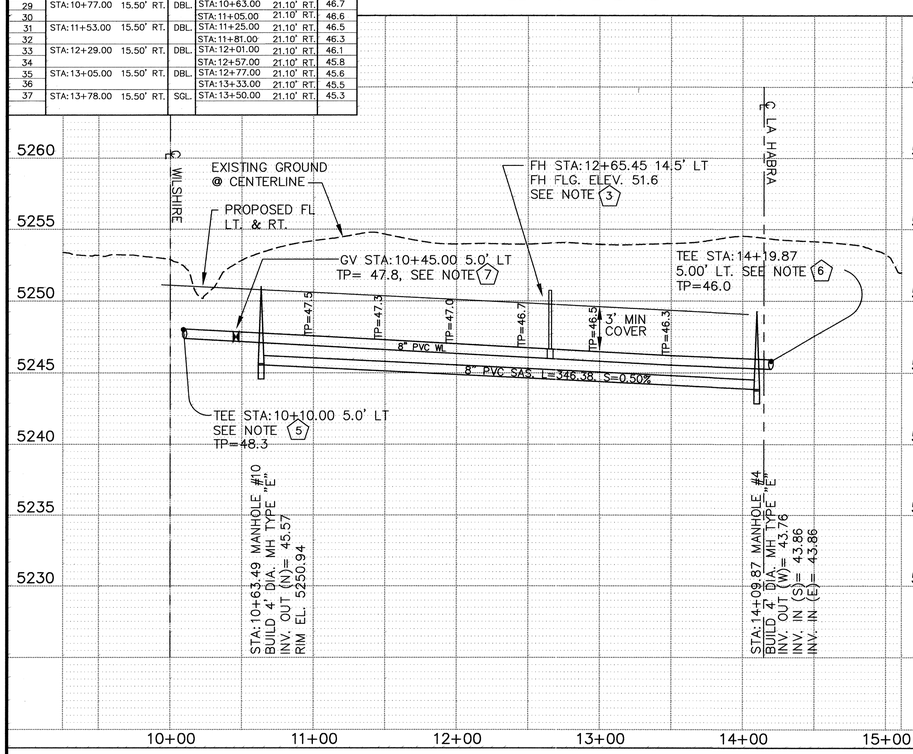
City Project No. 556181 | Zone Map No. C-18-Z | Sheet 10 Of 17

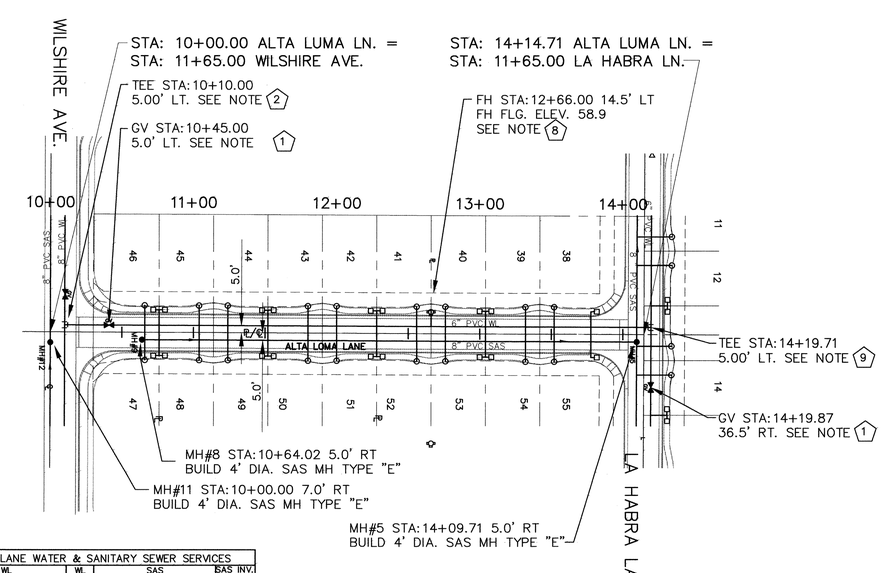
SCANNED BY MESA REPRO



EL MONTE LANE WATER & SANITARY SEWER SERVICES						
LOT NO.	WL STATION & OFFSET		WL TYPE	SAS STATION & OFFSET		SAS INV. AT ROW
1	STA:10+74.00	15.50' LT.	DBL.	STA:10+63.00	20.10' LT.	46.7
2				STA:11+02.00	20.10' LT.	46.6
3	STA:11+50.00	15.50' LT.	DBL.	STA:11+22.00	20.10' LT.	46.5
4				STA:11+78.00	20.10' LT.	46.3
5	STA:12+26.00	15.50' LT.	DBL.	STA:11+98.00	20.10' LT.	46.1
6				STA:12+54.00	20.10' LT.	45.8
7	STA:13+02.00	15.50' LT.	DBL.	STA:12+74.00	20.10' LT.	45.6
8				STA:13+30.00	20.10' LT.	45.5
29	STA:10+77.00	15.50' RT.	DBL.	STA:10+63.00	21.10' RT.	46.7
30				STA:11+05.00	21.10' RT.	46.6
31	STA:11+53.00	15.50' RT.	DBL.	STA:11+25.00	21.10' RT.	46.5
32				STA:11+81.00	21.10' RT.	46.3
33	STA:12+29.00	15.50' RT.	DBL.	STA:12+01.00	21.10' RT.	46.1
34				STA:12+57.00	21.10' RT.	45.8
35	STA:13+05.00	15.50' RT.	DBL.	STA:12+77.00	21.10' RT.	45.6
36				STA:13+33.00	21.10' RT.	45.5
37	STA:13+78.00	15.50' RT.	SGL.	STA:13+50.00	21.10' RT.	45.3

EL MONTE LANE

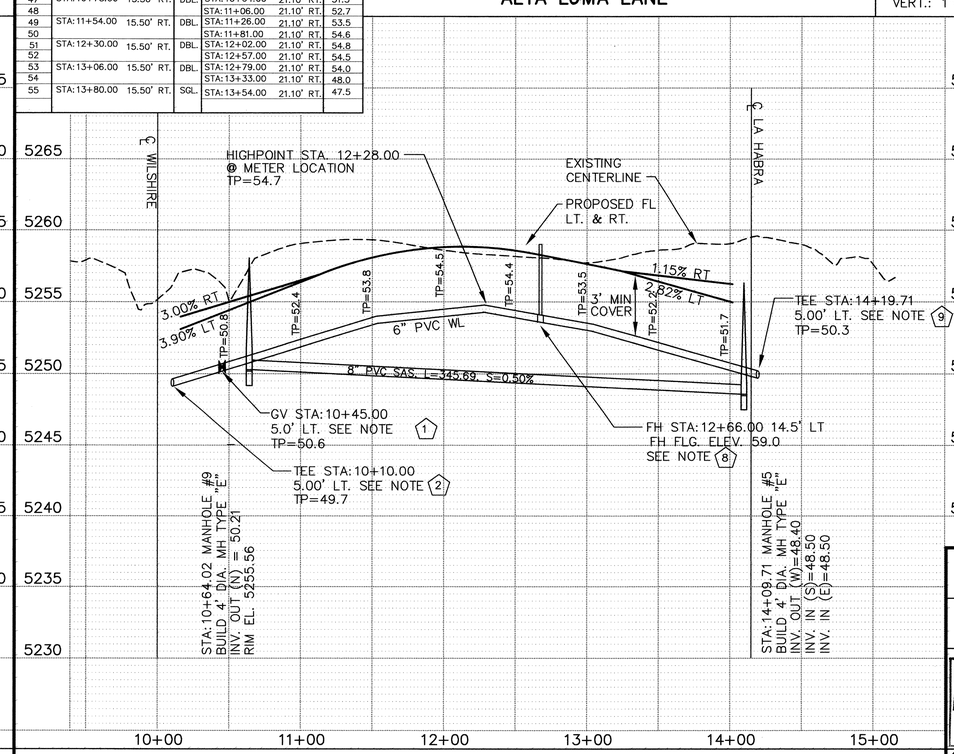




ALTA LUMA LANE WATER & SANITARY SEWER SERVICES						
LOT NO.	WL STATION & OFFSET		WL TYPE	SAS STATION & OFFSET		SAS INV. AT ROW
46	STA:10+75.00	15.50' LT.	DBL.	STA:10+64.00	20.10' LT.	51.5
45				STA:11+03.00	20.10' LT.	52.7
44	STA:11+51.00	15.50' LT.	DBL.	STA:11+23.00	20.10' LT.	53.5
43				STA:11+78.00	20.10' LT.	54.6
42	STA:12+27.00	15.50' LT.	DBL.	STA:11+99.00	20.10' LT.	54.8
41				STA:12+54.00	20.10' LT.	54.5
40	STA:13+03.00	15.50' LT.	DBL.	STA:12+76.00	20.10' LT.	54.0
39				STA:13+30.00	20.10' LT.	48.0
38	STA:13+77.00	15.50' RT.	SGL.	STA:13+51.00	21.10' RT.	47.5
47	STA:10+78.00	15.50' RT.	DBL.	STA:10+64.00	21.10' RT.	51.5
48				STA:11+06.00	21.10' RT.	52.7
49	STA:11+54.00	15.50' RT.	DBL.	STA:11+26.00	21.10' RT.	53.5
50				STA:11+81.00	21.10' RT.	54.6
51	STA:12+30.00	15.50' RT.	DBL.	STA:12+02.00	21.10' RT.	54.8
52				STA:12+57.00	21.10' RT.	54.5
53	STA:13+06.00	15.50' RT.	DBL.	STA:12+79.00	21.10' RT.	54.0
54				STA:13+33.00	21.10' RT.	48.0
55	STA:13+80.00	15.50' RT.	SGL.	STA:13+54.00	21.10' RT.	47.5

SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'

ALTA LOMA LANE



GENERAL UTILITY NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE.
2. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF ROAD.
3. REMOVE AND REPLACE EXISTING PAVEMENT PER COA STD. DWG#2465.
4. CONSTRUCT 4' dia., TYPE "C" MANHOLES PER COA STD. DWG#2101.
5. CONSTRUCT CONCRETE BLOCKING PER PER COA STD. DWG#2320.
6. CONSTRUCT VALVE BOXES PER COA STD. DWG#2325. USE TYPE "B" VALVE BOXES.
7. CONSTRUCT FIRE HYDRANTS PER COA STD. DWG#2340. USE FULL RESTRAINT ON HYDRANT LEGS FROM MAIN TO HYDRANT FLANGE AND RESTAINT ON MAINLINE, 5' EACH SIDE OF TEE.
8. CONSTRUCT SINGLE AND DOUBLE WATER SERVICE LINES PER COA STD. DWGS#2361, 2362 AND 2363.
9. SANITARY AND STORM DRAIN PIPE LENGHTS ARE COMPUTED CENTERLINE OF MANHOLE TO CENTERLINE OF MANHOLE. SLOPES ARE COMPUTED FROM INVERT OF MANHOLE TO INVERT OF MANHOLE.

KEYED NOTES

WATERLINE KEY NOTES

1. INSTALL (1)–6" GATE VALVE & (1)– TYPE "B" VALVE BOX W/ RESTRAINED JOINTS
2. INSTALL (1)–8"x8"x6" TEE W/ RESTRAINED JOINTS
3. INSTALL (1)–8"x8"x6" TEE & (1)–STANDARD 4' BURY FIRE HYDRANT W/RESTRAINED JOINTS THROUGHOUT HYDRANT LEG & 5' EACH SIDE OF TEE, SEE CITY STD. DWG. 2340.
4. INSTALL (1)–8" 90° BEND WITH RESTRAINED JOINTS
5. INSTALL (1)–8"x8"x8" TEE WITH RESTRAINED JOINTS
6. INSTALL (1)–8"x8"x8" TEE & (1)–8"x6" REDUCER W/ RESTRAINED JOINTS
7. INSTALL (1)–8" GATE VALVE & (1)– TYPE "B" VALVE BOX W/ RESTRAINED JOINTS
8. INSTALL (1)–6"x6"x6" TEE & (1)–STANDARD 4' BURY FIRE HYDRANT W/RESTRAINED JOINTS THROUGHOUT HYDRANT LEG & 5' EACH SIDE OF TEE, SEE CITY STD. DWG. 2340.
9. INSTALL (1)–6"x6"x6" TEE WITH RESTRAINED JOINTS

LEGEND

- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE

AS BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
DATE

MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

BENCH MARKS

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ELEVATION 5,229.79

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

REGISTERED PROFESSIONAL ENGINEER
RICHARD J. BERRY
NEW MEXICO
15696

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

EL MONTE LN. AND ALTA LOMA LN. UTILITY PLAN & PROFILE
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE
APPROVED
NOV 22 1996
DESIGN REVIEW COMMITTEE

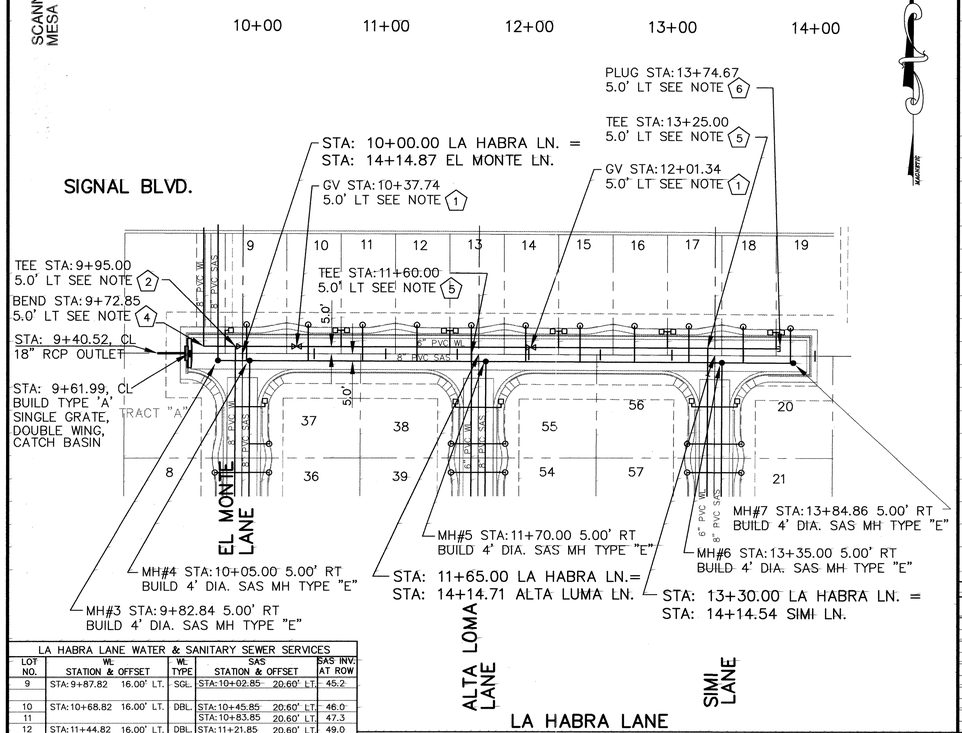
CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 11 Of 17
5561.81	C-18-Z	

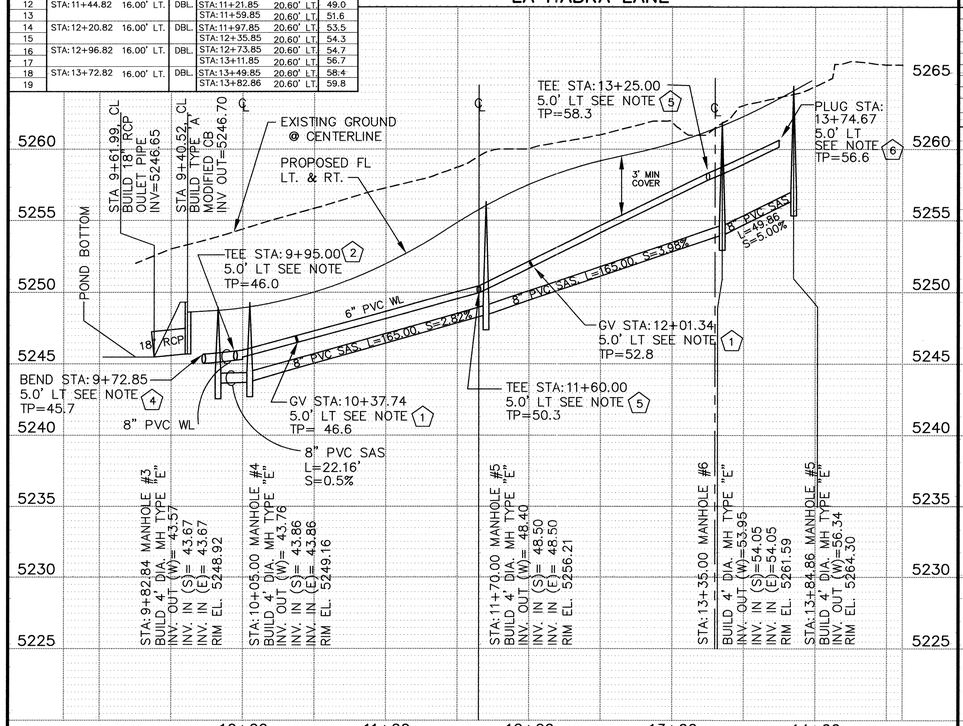
E:\SONDRAW\DRAWINGS\PLNSET\PU-EL_AL 11-12-96 2:34:19 pm EST

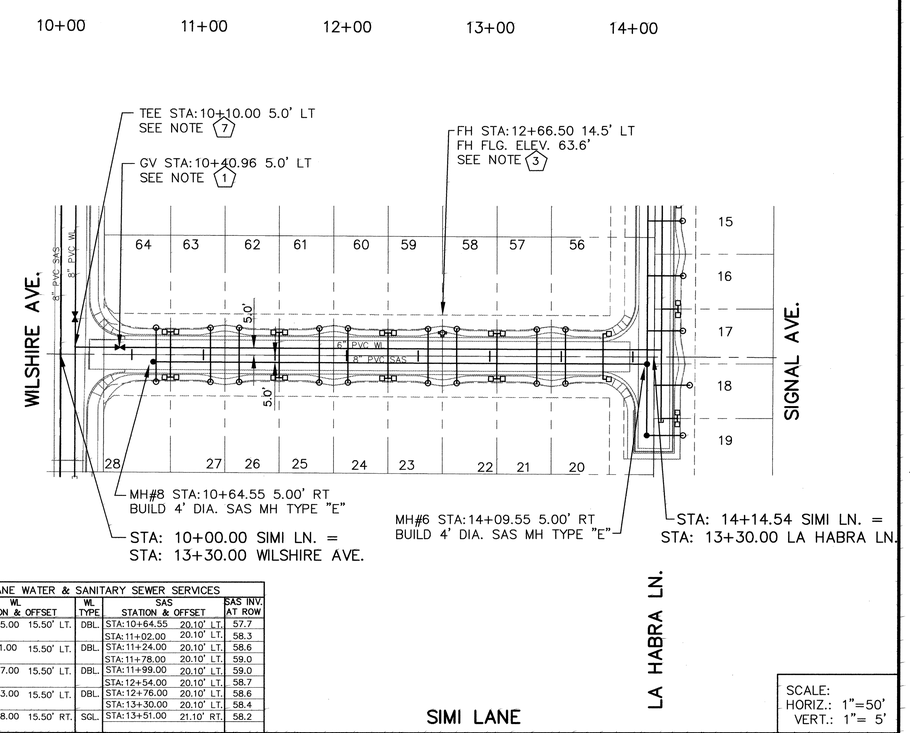
SCANNED BY MESA REPRO

NOTE: SANITARY SEWER SERVICES FOR LOTS 9–18 ARE OFFSET 15' FROM EACH LOTS WEST PROPRTY.



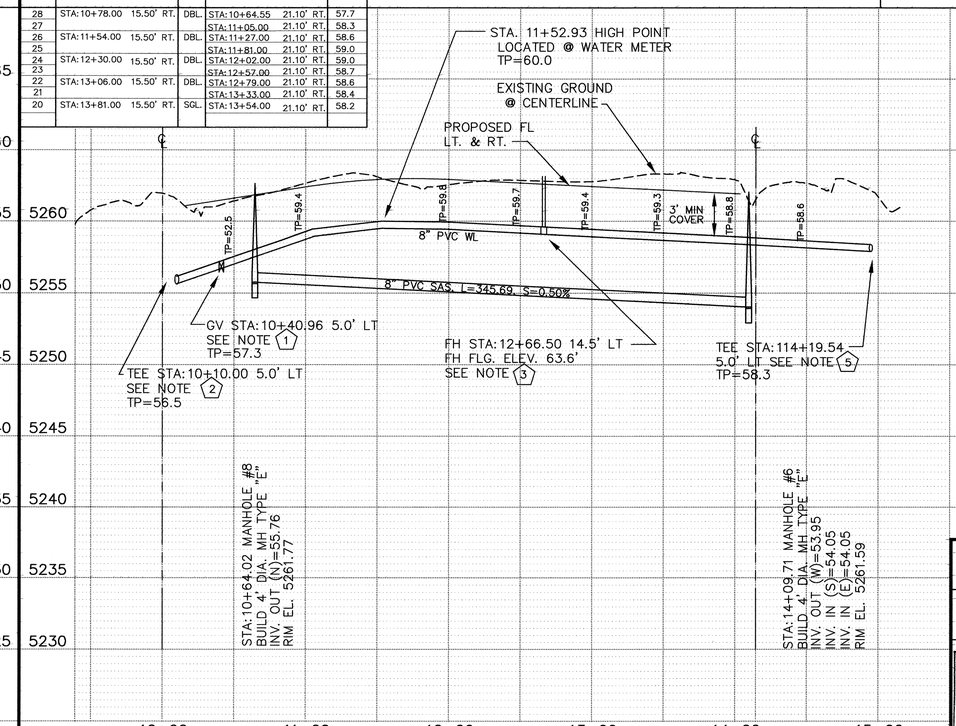
LA HABRA LANE WATER & SANITARY SEWER SERVICES					
LOT NO.	WL STATION & OFFSET		WL TYPE	SAS STATION & OFFSET		SAS INV. AT ROW
9	STA: 9+87.82	16.00' LT.	SGL.	STA:10+02.85	20.60' LT.	45.2
10	STA:10+68.82	16.00' LT.	DBL.	STA:10+45.85	20.60' LT.	46.0
11				STA:10+83.85	20.60' LT.	47.3
12	STA:11+44.82	16.00' LT.	DBL.	STA:11+21.85	20.60' LT.	49.0
13				STA:11+59.85	20.60' LT.	51.6
14	STA:12+20.82	16.00' LT.	DBL.	STA:11+97.85	20.60' LT.	53.5
15				STA:12+35.85	20.60' LT.	54.3
16	STA:12+96.82	16.00' LT.	DBL.	STA:12+73.85	20.60' LT.	54.7
17				STA:13+11.85	20.60' LT.	56.7
18	STA:13+72.82	16.00' LT.	DBL.	STA:13+49.85	20.60' LT.	58.4
19				STA:13+82.86	20.60' LT.	59.8





SIMI LANE WATER & SANITARY SEWER SERVICES						
LOT NO.	WL STATION & OFFSET		WL TYPE	SAS STATION & OFFSET		SAS INV. AT ROW
64	STA:10+75.00	15.50' LT.	DBL.	STA:10+64.55	20.10' LT.	57.7
63				STA:11+02.00	20.10' LT.	58.3
62	STA:11+51.00	15.50' LT.	DBL.	STA:11+24.00	20.10' LT.	58.6
61				STA:11+78.00	20.10' LT.	59.0
60	STA:12+27.00	15.50' LT.	DBL.	STA:11+99.00	20.10' LT.	59.0
59				STA:12+54.00	20.10' LT.	58.7
58	STA:13+03.00	15.50' LT.	DBL.	STA:12+76.00	20.10' LT.	58.6
57				STA:13+30.00	20.10' LT.	58.4
56	STA:13+78.00	15.50' RT.	SGL.	STA:13+51.00	21.10' RT.	58.2
28	STA:10+78.00	15.50' RT.	DBL.	STA:10+64.55	21.10' RT.	57.7
27				STA:11+05.00	21.10' RT.	58.3
26	STA:11+54.00	15.50' RT.	DBL.	STA:11+27.00	21.10' RT.	58.6
25				STA:11+81.00	21.10' RT.	59.0
24	STA:12+30.00	15.50' RT.	DBL.	STA:12+02.00	21.10' RT.	59.0
23				STA:12+57.00	21.10' RT.	58.7
22	STA:13+06.00	15.50' RT.	DBL.	STA:12+79.00	21.10' RT.	58.6
21				STA:13+33.00	21.10' RT.	58.4
20	STA:13+81.00	15.50' RT.	SGL.	STA:13+54.00	21.10' RT.	58.2

SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'



GENERAL UTILITY NOTES

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2. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE OF ROAD.
3. REMOVE AND REPLACE EXISTING PAVEMENT PER COA STD. DWG#2465.
4. CONSTRUCT 4' dia., TYPE "C" MANHOLES PER COA STD. DWG#2101.
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9. SANITARY AND STORM DRAIN PIPE LENGHTS ARE COMPUTED CENTERLINE OF MANHOLE TO CENTERLINE OF MANHOLE. SLOPES ARE COMPUTED FROM INVERT OF MANHOLE TO INVERT OF MANHOLE.
10. REFER TO TABLE 1 ON SHEET 17 FOR RESTRAINED JOINT LENGTHS.

KEYED NOTES

WATERLINE KEY NOTES

1. INSTALL (1)–6" GATE VALVE & (1)– TYPE "B" VALVE BOX W/ RESTRAINED JOINTS
2. INSTALL (1)–8"x8"x8" TEE & (1)–8"x6" REDUCER W/ RESTRAINED JOINTS
3. INSTALL (1)–6"x6"x6" TEE & (1)–STANDARD 4' BURY FIRE HYDRANT W/RESTRAINED JOINTS THROUGHOUT HYDRANT LEG & 5' EACH SIDE OF TEE, SEE CITY STD. DWG. 2340.
4. INSTALL (1)–8" 90° BEND W/ RESTRAINED JOINTS
5. INSTALL (1)–6"x6"x6" TEE W/ RESTRAINED JOINTS
6. INSTALL (1)–6" CAP W/ RESTRAINED JOINTS
7. INSTALL: (1)–8"x8"x6" TEE WITH RESTRAINED JOINTS

LEGEND

- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- W — PROPOSED WATERLINE
- SAS — PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE

CONTRACTOR
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INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
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ELEVATION 5,229.79

MICRO–FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY — DATE
DRAWN BY — DATE
CHECKED BY — DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

LA HABRA LN. & SIMI LN., UTILITY PLAN & PROFILE
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — NOV 22 1996 — DESIGN REVIEW COMMITTEE
CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

City Project No. 556181 | Zone Map No. C–18–Z | Sheet 12 Of 17

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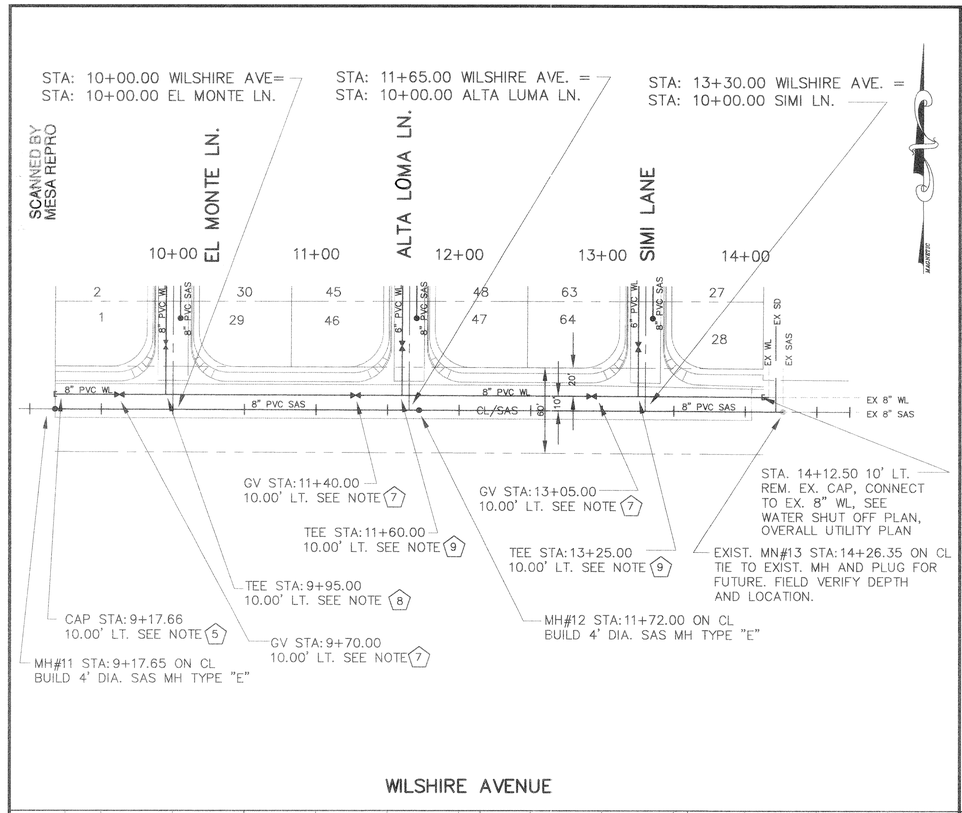
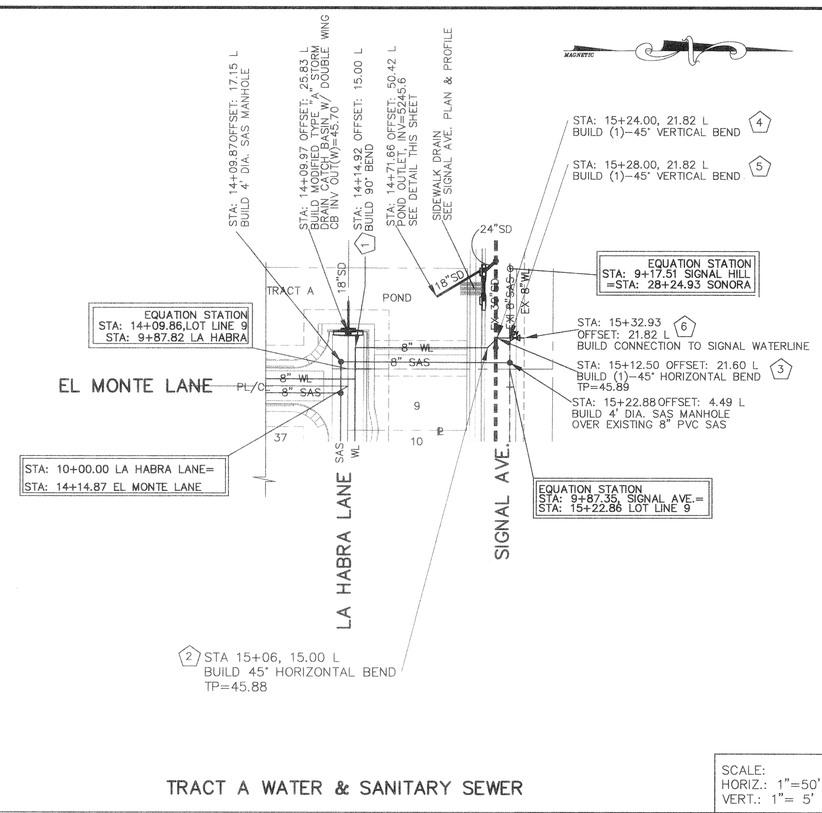
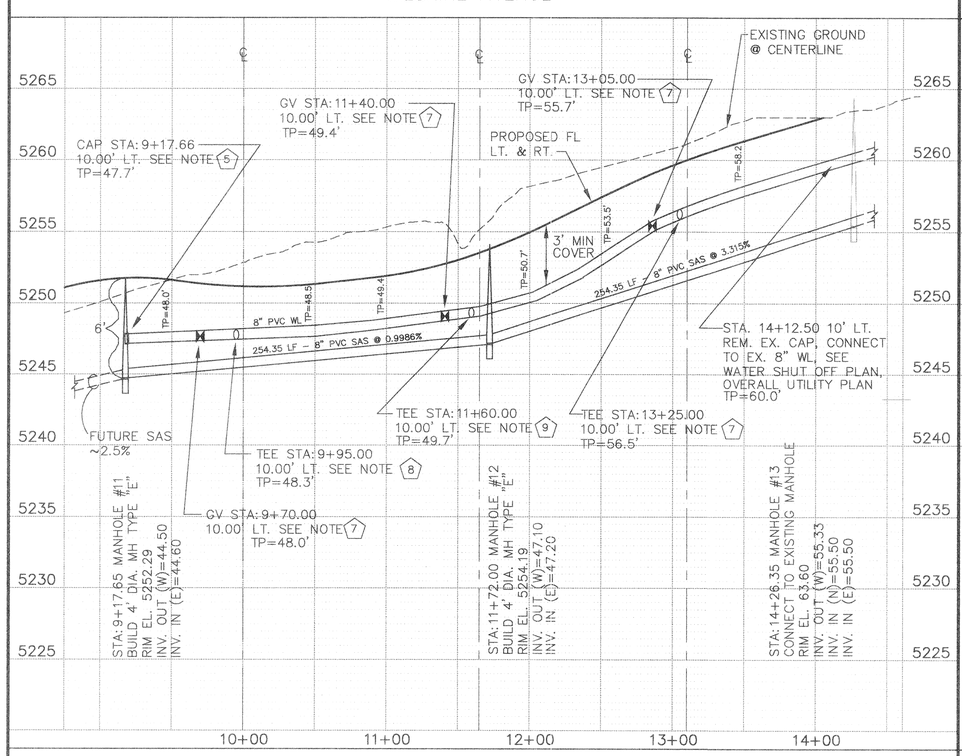


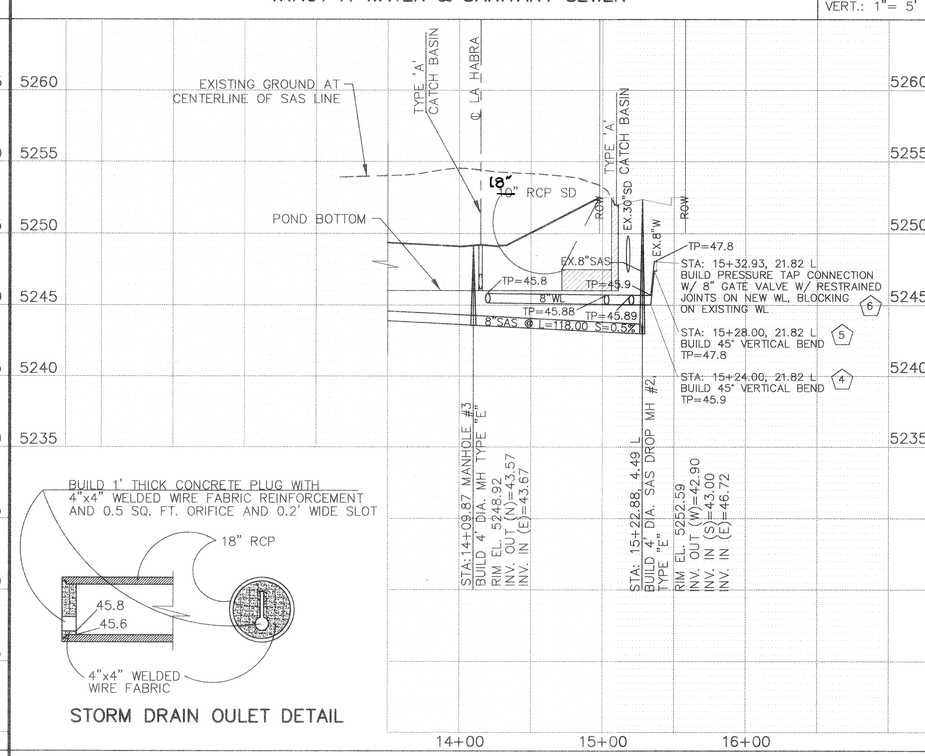
WILSHIRE AVENUE



TRACT A WATER & SANITARY SEWER

SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'





STORM DRAIN OULET DETAIL

GENERAL UTILITY NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON CENTERLINE. TRACT A IS BASED ON WEST PL FOR LOT 9.
2. REMOVE AND REPLACE EXISTING PAVEMENT PER COA STD. DWG#2465.
3. CONSTRUCT 4' dia., TYPE "C" MANHOLES PER COA STD. DWG#2101.
4. CONSTRUCT CONCRETE BLOCKING PER PER COA STD. DWG#2320.
5. CONSTRUCT VALVE BOXES PER COA STD. DWG#2325. USE TYPE "B" VALVE BOXES.
6. CONSTRUCT FIRE HYDRANTS PER COA STD. DWG#2340. USE FULL RESTRAINT ON HYDRANT LEGS FROM MAIN TO HYDRANT FLANGE AND RESTAINT ON MAINLINE, 5' MINIMUM, EACH SIDE OF TEE.
7. CONSTRUCT SINGLE AND DOUBLE WATER SERVICE LINES PER COA STD. DWGS #2361, 2362 AND 2363.
8. SANITARY AND STORM DRAIN PIPE LENGHTS ARE COMPUTED CENTERLINE OF MANHOLE TO CENTERLINE OF MANHOLE. SLOPES ARE COMPUTED FROM INVERT OF MANHOLE TO INVERT OF MANHOLE.
9. SANITARY AND STORM DRAIN MANHOLE RIM ELEVATIONS GIVEN ARE APPROXIMATE. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ADJUSTING ALL RIM ELEVATIONS TO FINAL PAVEMENT ELEVATIONS.
10. CONSTRUCT CATCH BASINS PER COA STD. DWGS. #2201-2203,2205-2207,2215,2216 2220 AND 2221. GRATE INVERTS ELEVATIONS GIVEN ARE APPROXIMATE. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR ADJUSTING GRATE ELEVATIONS TO FINAL PAVEMENT ELEVATIONS.

WATERLINE KEY NOTES

1. INSTALL (1)-8" 90° BEND W/ RESTRAINED JOINTS
2. INSTALL (1) 45° HORIZONTAL BEND W/ RESTRAINED JOINTS
3. INSTALL (1) 45° HORIZONTAL BEND W/ RESTRAINED JOINTS
4. INSTALL (1) 45° VERTICAL BEND W/ RESTRAINED JOINTS
5. INSTALL (1) 45° VERTICAL BEND W/ RESTRAINED JOINTS
6. BUILD PRESSURE TAP CONNECTION TO EX. 8" WL INCLUDING TAPPING SADDLE, 8" TAPPING GATE VALVE, AND 45° VERTICAL BEND WITH RESTRAINED JOINTS ON NEW WL AND BLOCKING ON EXISTING WL
7. BUILD (1)-8" GATE VALVE W/ TYPE 'B' VALVE BOX W/ RESTRAINED JOINTS
8. BUILD (1)-8"X8"X8" TEE W/ RESTRAINED JOINTS
9. BUILD (1)-8"X8"X6" TEE W/ RESTRAINED JOINTS

LEGEND

- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY DATE
WORK ACCEPTANCE DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE

BENCH MARKS
THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9-C18 1985", LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E.
ELEVATION 5,229.79

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
RICHARD LYNN BELLMARD
NEW MEXICO
NEW MEXICO PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

WILSHIRE AVE. AND TRACT "A" UTILITY PLAN & PROFILE
SIGNAL HILL SUBDIVISION

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

City Project No. 5561.81 | Zone Map No. C-18-Z | Sheet 13 Of 17

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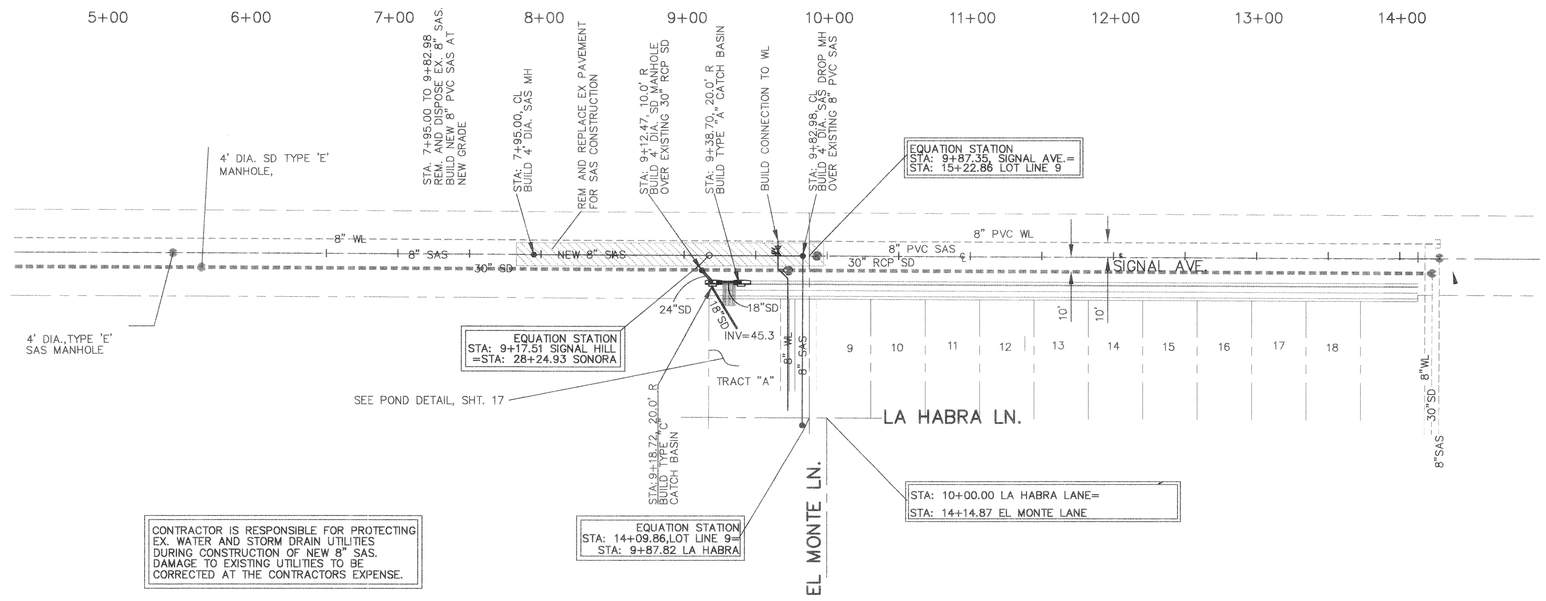
SCANNED BY
MESA REPRO



SIGNAL AVENUE

GENERAL UTILITY NOTES

1. ALL STATIONS AND OFFSET DIMENSIONS ARE BASED ON EXISTING CENTERLINE OF SIGNAL BLVD. 60 FT. R-O-W.
2. REMOVE AND REPLACE EXISTING PAVEMENT PER COA STD. DWG#2465.
3. CONSTRUCT 4' dia., TYPE "C" MANHOLES PER COA STD. DWG#2101.
4. CONSTRUCT CONCRETE BLOCKING PER PER COA STD. DWG#2320.
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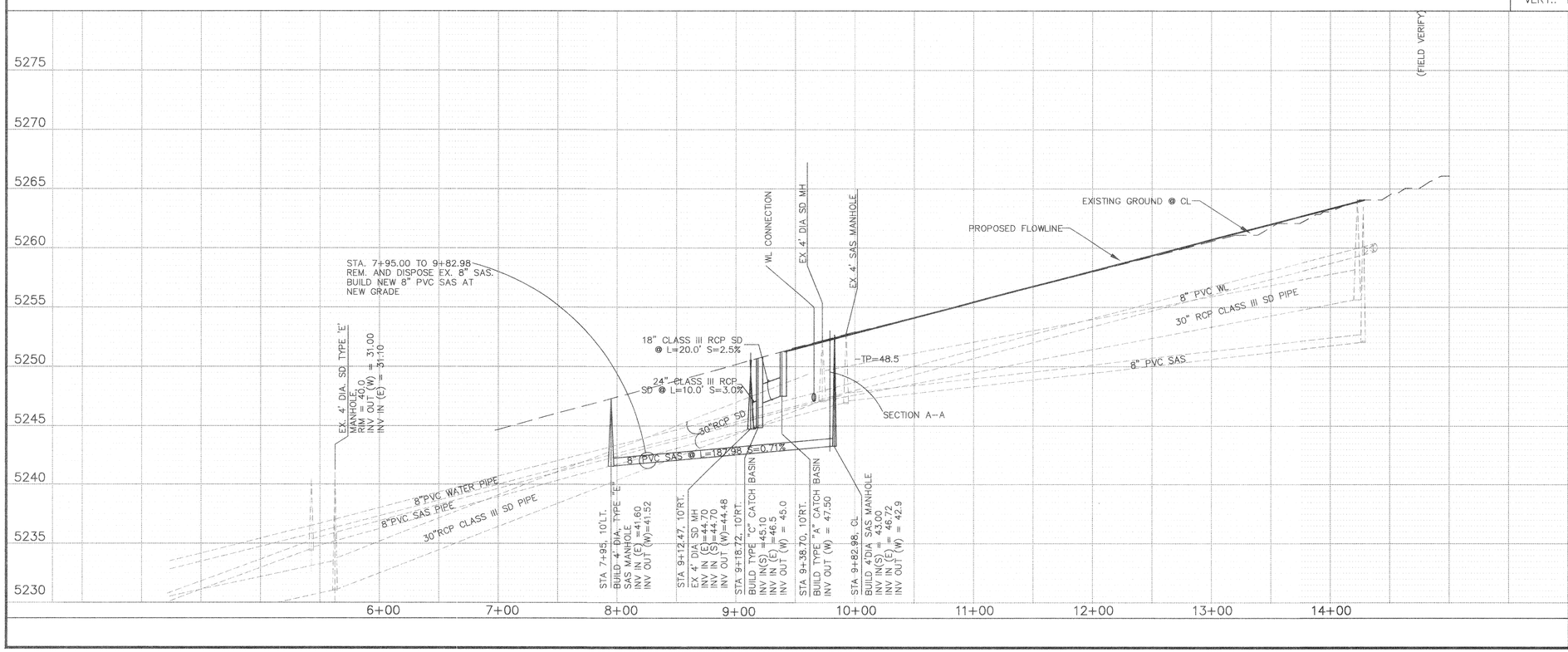
SCALE:
HORIZ.: 1"=50'
VERT.: 1"= 5'



LEGEND

- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
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- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
- PROPOSED SANITARY SEWER SERVICE LINE

AS BUILT INFORMATION

CONTRACTOR	DATE
WORK STAKED BY	DATE
WORK INSPECTED BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
RECORDED BY	DATE
NO.	

BENCH MARKS

THE STATION MARK IS A STANDARD ACS ALUMINUM CAP STAMPED "9-C18 1985". LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WILSHIRE AVENUE AND SAN PEDRO AVENUE N.E.

ELEVATION 5,229.79

MICRO-FILM INFORMATION

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY DATE
DRAWN BY DATE
CHECKED BY DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

SIGNAL AVE. UTILITY PLAN & PROFILE

SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

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

City Project No.	Zone Map No.	Sheet 14 Of 17
556181	C-18-Z	

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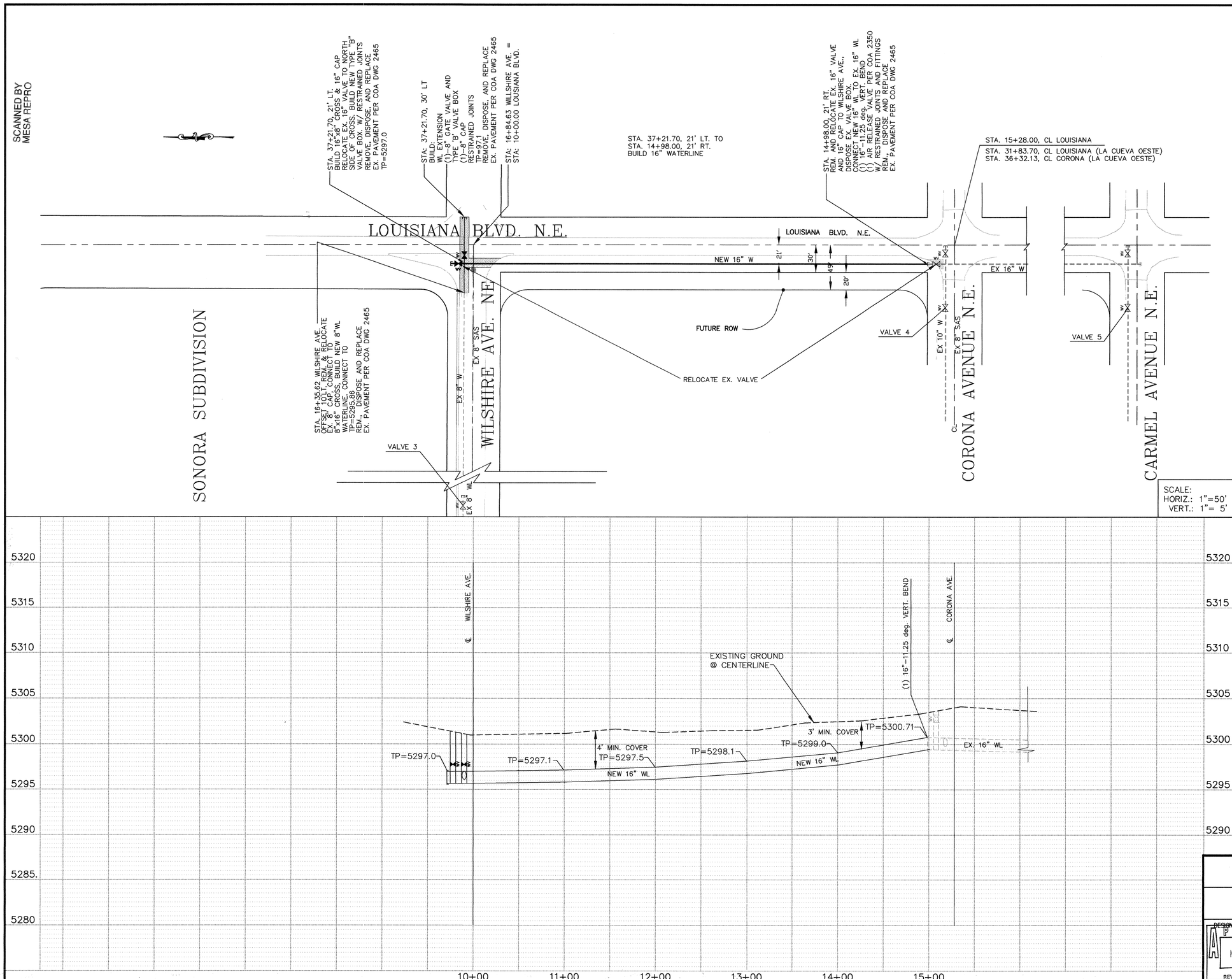
MESA REPRO



GENERAL UTILITY NOTES

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WATER SHUT-OFF PLAN

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THIS PROJECT.

AT LEAST FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

ALL NEW WATERLINE/FIRE HYDRANT INSTALLATIONS MUST BE FLUSHED PRIOR TO BACKFILLING OF LINES. ONLY CITY OF ALB. PERSONEL TO OPERATE VALVES.

- CLOSE VALVES 3, 4 AND 5
- REMOVE EX. 16" CAP
- MAKE NON-PRESSURE CONNECTION
- CONSTRUCT NEW 16" WATERLINE
- OPEN EX. VALVES 3, 4 AND 5
- CONTRACTOR SHALL NOTIFY IN ADVANCE, ALL SUBDIVISION RESIDENCES OF SHUT-OFF.

CONTRACTOR SHALL CONTACT CITY WATER SYSTEMS TO INSPECT EX. 16" VALVE AND VERIFY THAT VALVE IS IN GOOD WORKING CONDITION, PRIOR TO RELOCATION.

LEGEND

- EXISTING MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING GATE VALVE
- PROPOSED WATERLINE
- PROPOSED SANITARY SEWER
- PROPOSED MANHOLE
- PROPOSED FIRE HYDRANT
- PROPOSED GATE VALVE
- PROPOSED REDUCER
- PROPOSED SINGLE METER, WATER SERVICE LINE
- PROPOSED DOUBLE METER, WATER SERVICE LINES
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AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

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ELEVATION 5,229.79

SURVEY INFORMATION

NO.	BY	DATE	FIELD NOTES

ENGINEER'S SEAL

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

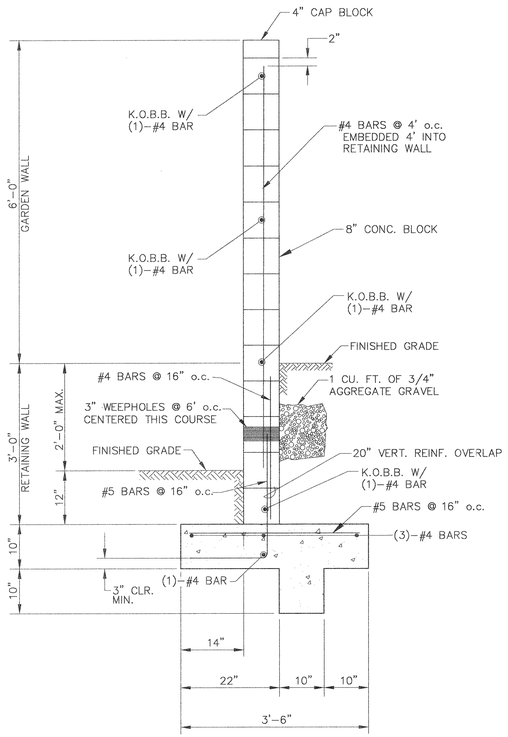
LOUISIANA BLVD. UTILITY PLAN & PROFILE

SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED NOV 22 1996 DESIGN REVIEW COMMITTEE

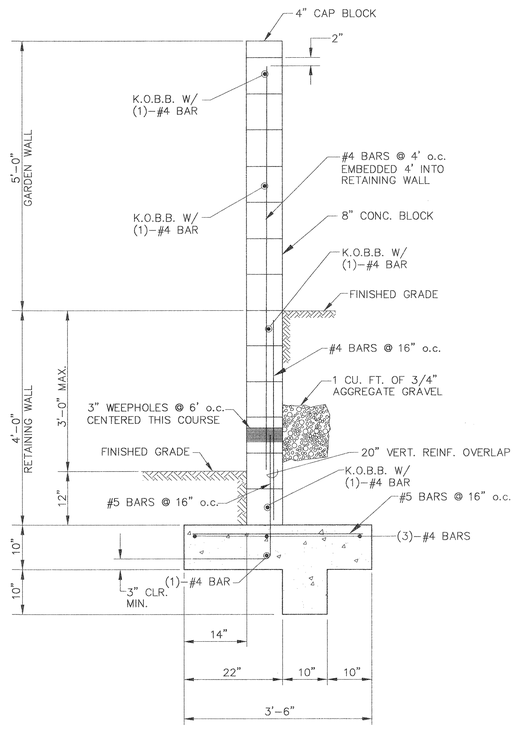
CITY ENGINEER APPROVAL — MO./DAY/YR. — MO./DAY/YR.

City Project No.	Zone Map No.	Sheet 15 Of 17
5561.81	C-18-Z	



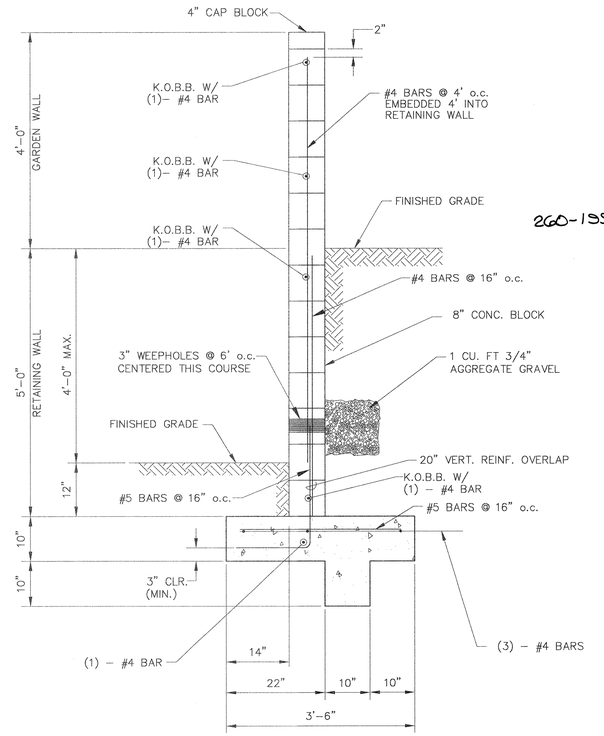
1'-6" TO 2'-0" RETAINING WALL W/GARDEN WALL EXTENSION

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



2'-0" TO 3'-0" RETAINING WALL W/GARDEN WALL EXTENSION

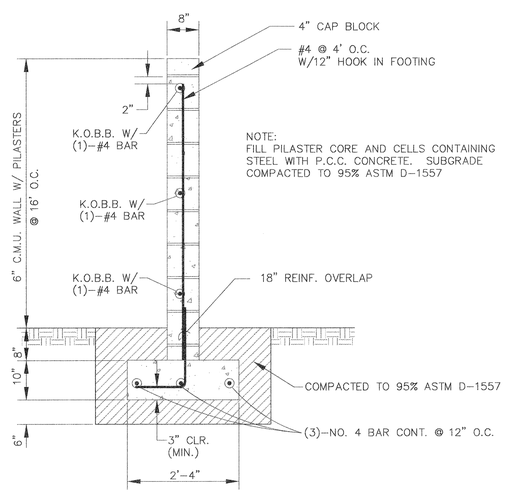
SCALE: 3/4" = 1'-0"



260-1990

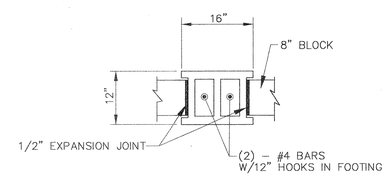
3'-0" TO 4'-0" RETAINING WALL W/GARDEN WALL EXTENSION

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



CMU GARDEN WALL DETAIL

NTS



PILASTER DETAIL

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

GENERAL NOTES FOR RETAINING WALL

1. REINFORCE CLEARANCE IN ALL CMU = 2-3/4" MAX.
2. REINFORCE CLEARANCE IN ALL CONCRETE = 2" MIN., UNLESS OTHERWISE NOTED.
3. 1/2" FELT EXPANSION JOINT TO BE PROVIDED EVERY 16 FT. IN CMU AND CONCRETE AND AT TRANSITIONS IN SECTIONS.
4. ALL CMU RETAINING WALL CELLS CONTAINING REINFORCEMENT SHALL BE FILLED WITH CONCRETE.
5. ALL FOOTING COMPACTION SHALL BE 95% MODIFIED PROCTOR PER ASTM D-1557.
6. TWO (2) WORKING DAYS BEFORE CONSTRUCTION, CONTRACTOR SHALL NOTIFY LINE LOCATING SERVICE, ~~765-1234~~, FOR UTILITY LOCATIONS. CONTRACTOR SHALL COORDINATE ANY ADJUSTMENTS TO UTILITIES WITH THE UTILITIES COMPANIES.
7. DUR-O-WALL 9 GA. DIAG. EVERY OTHER COURSE MAY BE USED AS AN ALTERNATIVE TO BOND BEAMS.
8. MOISTURE BARRIER COATING SHALL BE APPLIED TO ALL BURIED CMU SURFACES.
9. BACK FILLING AGAINST REINFORCED CONCRETE MASONRY RETAINING WALL SHOULD NOT BE PERMITTED UNTIL AT LEAST 7 DAYS AFTER PLACING THE CORE FILL GROUT. WHERE HEAVY EQUIPMENT IS USED IN BACK FILLING WALLS DESIGNED TO RESIST EARTH PRESSURE ONLY, SUCH EQUIPMENT SHOULD NOT APPROACH CLOSER TO THE TOP OF THE WALL THAN A DISTANCE EQUAL TO THE HEIGHT OF THE WALL. CARE SHOULD ALSO BE TAKEN TO AVOID EXERTING LARGE IMPACT FORCES ON THE WALL AS COULD BE CAUSED BY A LARGE MASS OF MOVING EARTH.
10. INSPECTION OF WALLS DURING CONSTRUCTION BY THE ENGINEER IS REQUIRED FOR ACCEPTANCE.

MATERIALS

CONCRETE:	f'c = 3000 PSI
GROUT:	f'c = 2500 PSI
MORTAR:	1800 PSI (TYPE S)
MASONRY:	f'm = 1500 PSI
REINFORCING:	GRADE 60

SCANNED BY MESA REPRO

AS BUILT INFORMATION

CONTRACTOR		DATE
WORK STAKED BY		
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RICHARD WM. BELTMAN NEW MEXICO 9695 REGISTERED PROFESSIONAL ENGINEER 10/21/96

NO.	DATE	REMARKS	BY

DESIGN

DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

AVID ENGINEERING, INC.
Civil • Structural • Transportation
6100 Seagull St. NE - Suite 102
Albuquerque, NM 87109 - (505) 881-5357

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SIGNAL HILL SUBDIVISION WALL DETAILS

APPROVED FOR ~~ROUGH~~ GRADING: ± 1.0 FT.

CITY OF ALBUQUERQUE HYDROLOGY DEPT. DATE

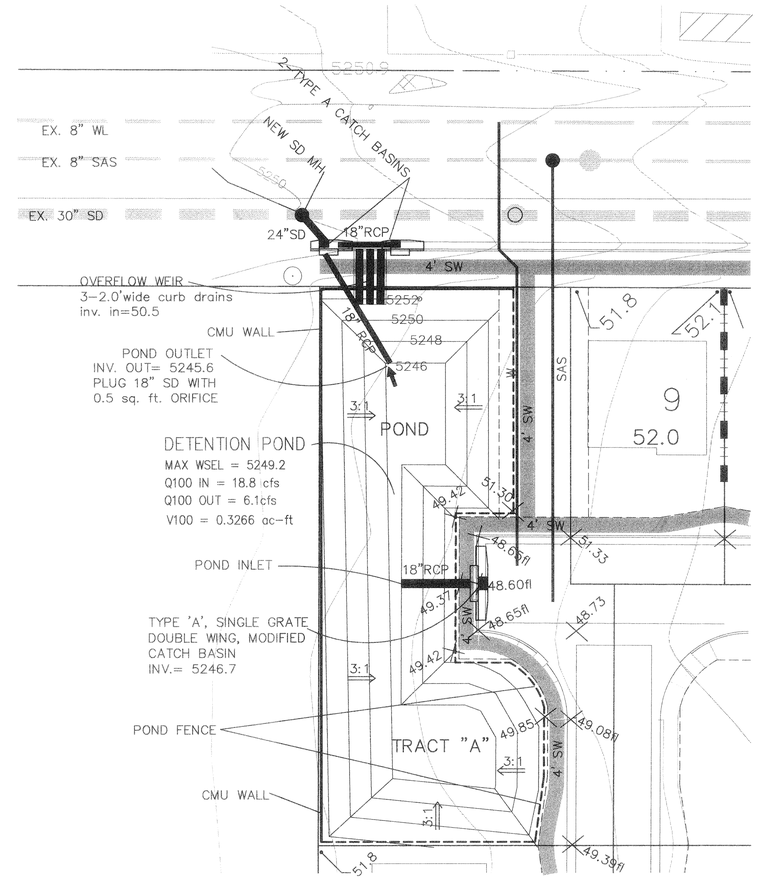
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			Water		
Transportation			Waste Water		
Hydrology					

DESIGN REVIEW COMMITTEE

PROJECT NO.	MAP NO.	SHEET	OF
5561.81	C-18-Z	16	17

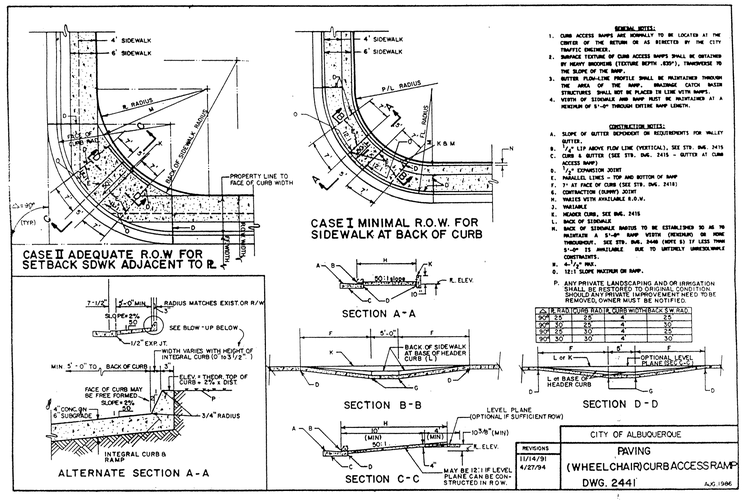
JOINT RESTRAINT TABLE

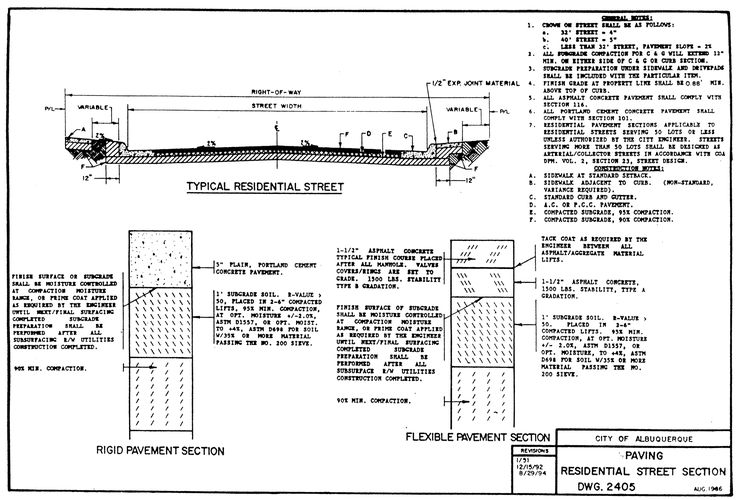
FITTING DESCRIPTION	PIPE	INPUT CODE	PIPE SIZE (IN.)	UNIFIED SOIL CLASS	TEST PRESSURE (PSI)	TRENCH TYPE	DEPTH OF BURY (FT.)	S.F.	BRANCH SIZE (IN.)	RUN LENGTH (FT.)	RECOMMENDED
16"X10"X10" TEE	DI	3	16	SM	150	4	3	1.5	10	10	REST @ FITTING
16"X8"X8" TEE	DI	3	16	SM	150	4	3	1.5	8	8	REST @ FITTING
VALVES/DEAD END	DI	5	16	SM	150	4	3	1.5	N/A	N/A	83'
90° BEND	DI	1	16	SM	150	4	3	1.5	N/A	N/A	38'
11.25° VERT BEND	DI	2	16	SM	150	4	3 & 4	1.5	N/A	N/A	8'/3'
16"X10"X10" TEE	PVC	3	16	SM	150	4	3	1.5	10	10	REST @ FITTING
16"X8"X8" TEE	PVC	3	16	SM	150	4	3	1.5	8	10	REST @ FITTING
VALVES/DEAD END	PVC	5	16	SM	150	4	3	1.5	N/A	N/A	131'
90° BEND	PVC	1	16	SM	150	4	3	1.5	N/A	N/A	46'
11.25° VERT BEND	PVC	2	16	SM	150	4	3 & 4	1.5	N/A	N/A	13'/4'
8"X8"X8" TEE	PVC	3	8	SM	150	4	3	1.5	8	10	19'
8"X8"X6" TEE	PVC	3	6	SM	150	4	3	1.5	6	10	REST @ FITTING
VALVES/DEAD END	PVC	5	8	SM	150	4	3	1.5	N/A	N/A	72'
REDUCER 8" TO 6"	PVC	4	8	SM	150	4	3	1.5	N/A	N/A	39'/30'
90°, 8" BEND	PVC	1	8	SM	150	4	3	1.5	N/A	N/A	26'
6"X6"X6" TEE	PVC	3	6	SM	150	4	3	1.5	6	10	3'
VALVES/DEAD END	PVC	5	6	SM	150	4	3	1.5	N/A	N/A	55'
90°, 6" BEND	PVC	1	6	SM	150	4	3	1.5	N/A	N/A	20'



POND DETAIL

SCALE 1"=20'





SCANNED BY
MESA REPRO

SURVEY INFORMATION		
FIELD NOTES		
NO.	BY	DATE

ENGINEER'S SEAL

BENCH MARKS

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ELEVATION 5,229.79

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DEVELOPMENT

DETAILS
SIGNAL HILL SUBDIVISION

DESIGN REVIEW COMMITTEE — APPROVED — DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL | MO./DAY/YR. | MO./DAY/YR.

City Project No.	Zone Map No.	Sheet	Of
556181	C-18-Z	17	17

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