

A = AIR LINE
AD = AREA DRAIN
AIP = ABANDONED IN PLACE
BLDG = BUILDING
BM = BENCHMARK
CATV = CABLE TELEVISION LINE
CIP = CAST IRON PIPE
CMP = CORRUGATED METAL PIPE
CMPA = CORRUGATED METAL PIPE ARCH
CO = CLEANOUT
COA = CITY OF ALBUQUERQUE
CONC = CONCRETE
CL = CENTERLINE
DIA = DIAMETER
DIP = DUCTILE IRON PIPE
DTL = DETAIL
DWG = DRAWING
EG = EXISTING GRADE
ELEC. = ELECTRIC
ELEV = ELEVATION
EX = EXISTING
FF = FINISHED FLOOR ELEVATION
FG = FINISHED GRADE
FH = FIRE HYDRANT
FL = FLOW LINE
G = GAS PIPE
GM = GAS METER
GV = GATE VALVE
HI PT = HIGH POINT
INV = INVERT ELEVATION
LF = LINEAL FEET
LP = LIGHT POLE
L/S = LANDSCAPING
MH = MANHOLE
NG = NATURAL GROUND
OE = OVERHEAD ELECTRIC LINE
OT = OVERHEAD TELEPHONE LINE
PB = ELECTRICAL PULL BOX
PCC = PORTLAND CEMENT CONCRETE
PP = POWER POLE
PROP = PROPOSED
PVC = POLYVINYL CHLORIDE PIPE
RCP = REINFORCED CONCRETE PIPE
R/W = RIGHT-OF-WAY
S = SLOPE
SAS = SANITARY SEWER
SD = STORM DRAIN
STA = STATION
STD = STANDARD
SW = SIDEWALK
T = TELEPHONE
TA = TOP OF ASPHALT PAVEMENT
TAC = TOP OF ASPHALT CURB
TC = TOP OF CONCRETE SLAB (PAVEMENT)
TCC = TOP OF CONCRETE CURB
TS = TOP OF SIDEWALK
TW = TOP OF WALL
TYP = TYPICAL
UE = UNDERGROUND ELECTRIC
UT = UNDERGROUND TELEPHONE
W = WATER
WM = WATER METER
WV = WATER VALVE

CITY OF ALBUQUERQUE,
BERNALILLO COUNTY, NM
IMPROVEMENTS FOR PAVING,
WATER, AND SANITARY SEWER

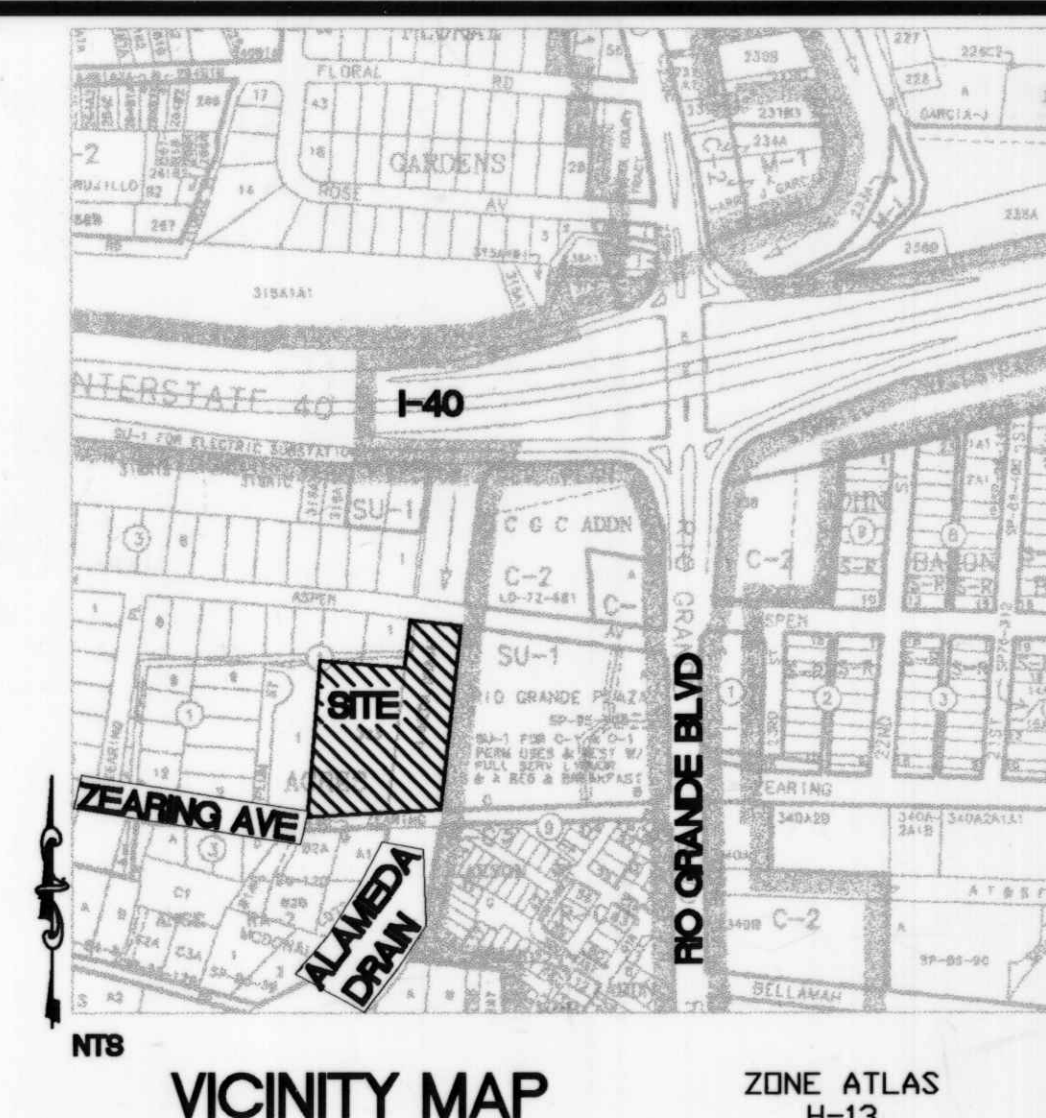
<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	COVER SHEET AND INDEX TO DRAWINGS
2 A & B	PERLIMINARY PLAT
3	GRADING AND DRAINAGE PLAN
4 & 5	PAVING PLAN AND PROFILES
6	COMPOSITE PAVING AND UTILITY PLAN
7 & 8	WATER AND SANITARY SEWER PLAN AND PROFILES
9	UTILITY DETAILS
10	ALAMEDA DRAIN PLAN AND PROFILE

CERTIFICATE OF SUBSTANTIAL

	NEW STANDARD CURB AND GUTTER		EX SAS MANHOLE		8" SAS	PROPOSED SANITARY SEWER LINE
	NEW MOUNTABLE CURB AND GUTTER		PROP SAS MANHOLE		SAS	EX SANITARY SEWER LINE
	EX CURB AND GUTTER & SIDEWALK		PROP WATER METER		6" W	PROPOSED WATER LINE
	PROP FIRE HYDRANT		PROPOSED SANITARY SEWER SERVICE		WL	EX WATER LINE
	PROP WATER VALVE		(S 83°39'25" W)			N 00°07'27" W
	PROPERTY LINE		RECORD BEARING AND DISTANCES			MEASURED BEARING AND DISTANCES

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE #7, DATED AUGUST 2003 AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
2. ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY OR EASEMENTS MUST BE DONE FROM APPROVED WORK ORDER DOCUMENTS FROM THE CITY.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. CONTRACTOR AGREES THAT HE SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
6. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
7. CONTRACTOR SHALL SECURE A "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION (IF REQUIRED BY CITY OF ALBUQUERQUE PUBLIC WORKS).
8. PERMIT REQUESTS MAY BE DENIED OR DELAYED DUE TO CONFLICTS WITH OTHER PROJECTS IN THE AREA.
9. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO STANDARD SPECIFICATIONS SECTION 4.4.
10. CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) FIVE (5) WORKING DAYS PRIOR TO ANY WORK THAT MAY AFFECT EXISTING CITY PUBLIC WATER OR SEWER UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. EXISTING CITY VALVES TO BE OPERATED BY CITY PERSONNEL ONLY.
11. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF STANDARD SPECIFICATIONS.
12. CONTRACTOR SHALL DETERMINE IN ADVANCE OF HIS CONSTRUCTION IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
13. PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
14. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
15. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND/OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
16. EXISTING UTILITY LINE LOCATION ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. THE LOCATION OF ANY SUCH EXISTING LINES IS BASED UPON INFORMATION PROVIDED BY THE UTILITY COMPANY, THE OWNER, OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.
17. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES.
18. CONTRACTOR SHALL SUPPORT ALL EXISTING, UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.

DRB #1001876									
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE		
ENGINEER'S SEAL		APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION				
		DRC CHAIRMAN	<i>[Signature]</i>	2-24-04	 CITY ENGINEER DATE 3-17-04				
		TRANSPORTATION	<i>[Signature]</i>	10/31/03					
		WATER/WASTEWATER	<i>[Signature]</i>	10/31/03					
		HYDROLOGY	<i>[Signature]</i>	10/31/03					
		PARKS	<i>[Signature]</i>						
CONSTR. COORD.	<i>[Signature]</i>	2-24-04							
MRGCD									
PROJECT NO.				723281	SHEET 1 OF 10				





LOTS 1-A THRU 5-A
ACEQUIA ESCONDIDA
(BEING A REPLAT OF LOTS 1 THRU 7, ACEQUIA ESCONDIDA)

SITUATE WITHIN
THE TOWN OF ALBUQUERQUE GRANT
N
PROJECTED SECTION 7, TOWNSHIP 10 NORTH, RANGE 3 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 2004

PROJECT NUMBER: **1001876**

Application Number: **04 DRS - 00387**

FLAT APPROVAL

UNITY Approver: **Paul M. Mute** Date: **4-14-04**

PNM Electric Services Date: **4-14-04**

PNM Gas Services Date: **4-20-04**

West Corporation Date: **4-14-04**

Comcast Date: **4-14-04**

MRCGD Approver: **Paul M. Mute** Date: **4-14-04**

City Approver: **Paul M. Mute** Date: **4-14-04**

City Engineer: **Paul M. Mute** Date: **4-14-04**

Real Property Division Date: **4-14-04**

Environmental Health Department Date: **4-14-04**

Transportation Division Date: **4-14-04**

Utilities Development Date: **4-14-04**

Parks and Recreation Department Date: **4-14-04**

APRIL 1, 2004

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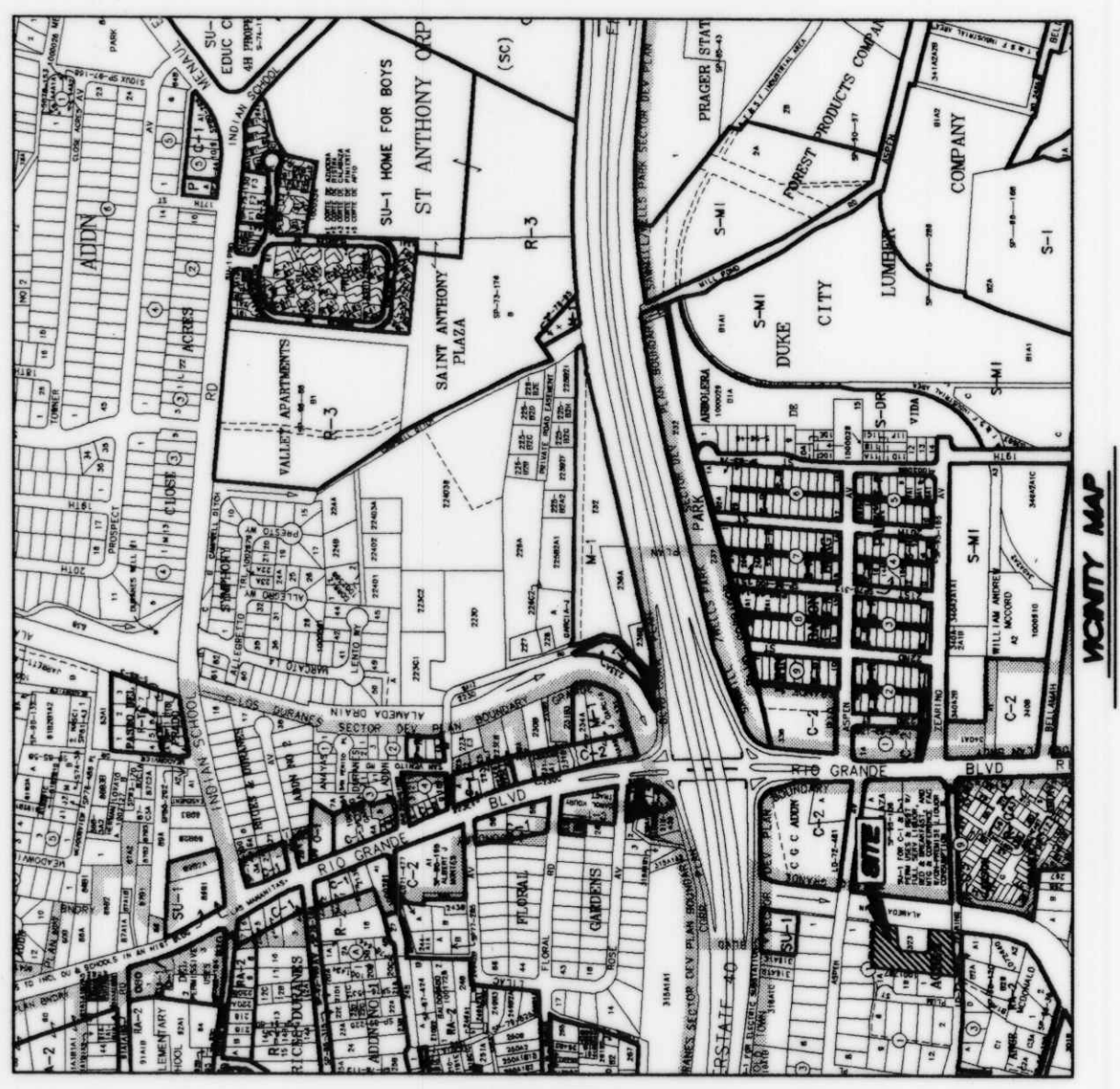
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APRIL 1, 2004



GENERAL NOTES

- Bearings are New Mexico State Plane Grid Bearings (Central Zone, NAD 27) originated at the Albuquerque Control Survey Monument "16-J13".
- Distances are ground.
- Distances along curved lines are arc lengths.
- Record Plot or Deed bearings and distances, where they differ from those established by this field survey, are shown in parentheses ().
- All corners found in place and held were tagged with a brass disk stamped "HUGO L.S. 9750" unless otherwise indicated hereon.
- All corners that were set are a 5/8" rebar with cap stamped "HUGO L.S. 9750" unless otherwise indicated hereon.
- City of Albuquerque Zone Atlas Page: H-13-Z
- Total number of existing Lots: 7
- Total number of Lots created: 5
- Gross Subdivision acreage: 1.2325 acres.
- U.G.L.S. Log Number 2004/153747.
- This property is subject to all exceptions pertaining to this property as listed in SCHEDULE B to the plat hereon, prepared by Title Insurance No. 0-175024/C, dated January 19, 2000.
- The above described Title Commitment was used in defining easements as shown hereon. Where possible, said easements have been plotted.
- Present day Zoning Avenue N.W. is shown as a 15 foot wide "Private Road" on an unfiled survey entitled "LANDS OF GEORGE ZEARING", prepared by the Ross Engineering Office, Albuquerque, New Mexico, dated December 2, 1931.
- The current zoning designation of the subject property is "R-1" as shown and designated on the Albuquerque Graphic Information System, Zone Atlas Page H-13.

DISCLOSURE STATEMENT

The Purpose of the plat is to eliminate the existing interior lot lines for Existing Lots thru and create the new plat thru 5-A as shown hereon to grant the new public water and utility easements as shown hereon.

040306.DWG

THIS IS TO CERTIFY THAT THESE ARE CURRENT AND PAID ON UP TO 10.13.05 TOTAL 38,305.08 PROPERTY TAXES OF RECORD.

OSKOSKI, V. L. & ASSOCIATES, P.C. BERNILLO COUNTY RECORDS OFFICE

2004051747 Page 2 of 3 84/20/2804 18 388 8/17/08 BX-2804C Pg.124

LEGAL DESCRIPTION

Lots numbered One (1) thru Seven (7) of Acequia Escondida, a Subdivision in Albuquerque, Bernalillo County, New Mexico, as the same were owned and designated on the plat hereon, filed in the office of the County Clerk of Bernalillo County, New Mexico on March 12, 2004 in Volume 2004C, Folio 86.

FREE CONSENT AND DEDICATION

Surveyed and replatted and now comprising LOTS 1-A THRU 5-A ACEQUIA ESCONDIDA (BEING A REPLAT OF LOTS 1 THRU 7, ACEQUIA ESCONDIDA) SITUATE WITHIN THE TOWN OF ALBUQUERQUE GRANT IN PROJECTED SECTION 7, TOWNSHIP 10 NORTH, RANGE 3 EAST, NEW MEXICO PRINCIPAL MERIDIAN, BERNALILLO COUNTY, NEW MEXICO, with the free consent of the undersigned owner(s) and proprietor(s) thereof. Said owner(s) and proprietor(s) do hereby grant to the use of the public forever the public utility easements as shown hereon. Said owner(s) and proprietor(s) do hereby represent that they are so authorized to act.

Owner
William Osofsky

ACKNOWLEDGMENT

STATE OF NEW MEXICO
COUNTY OF BERNALILLO SS
This instrument was acknowledged before me on this 14th day of April, 2004, by **William Osofsky**.

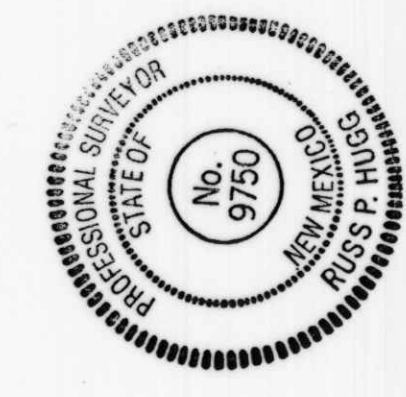
Notary Public
William Osofsky

My Commission expires



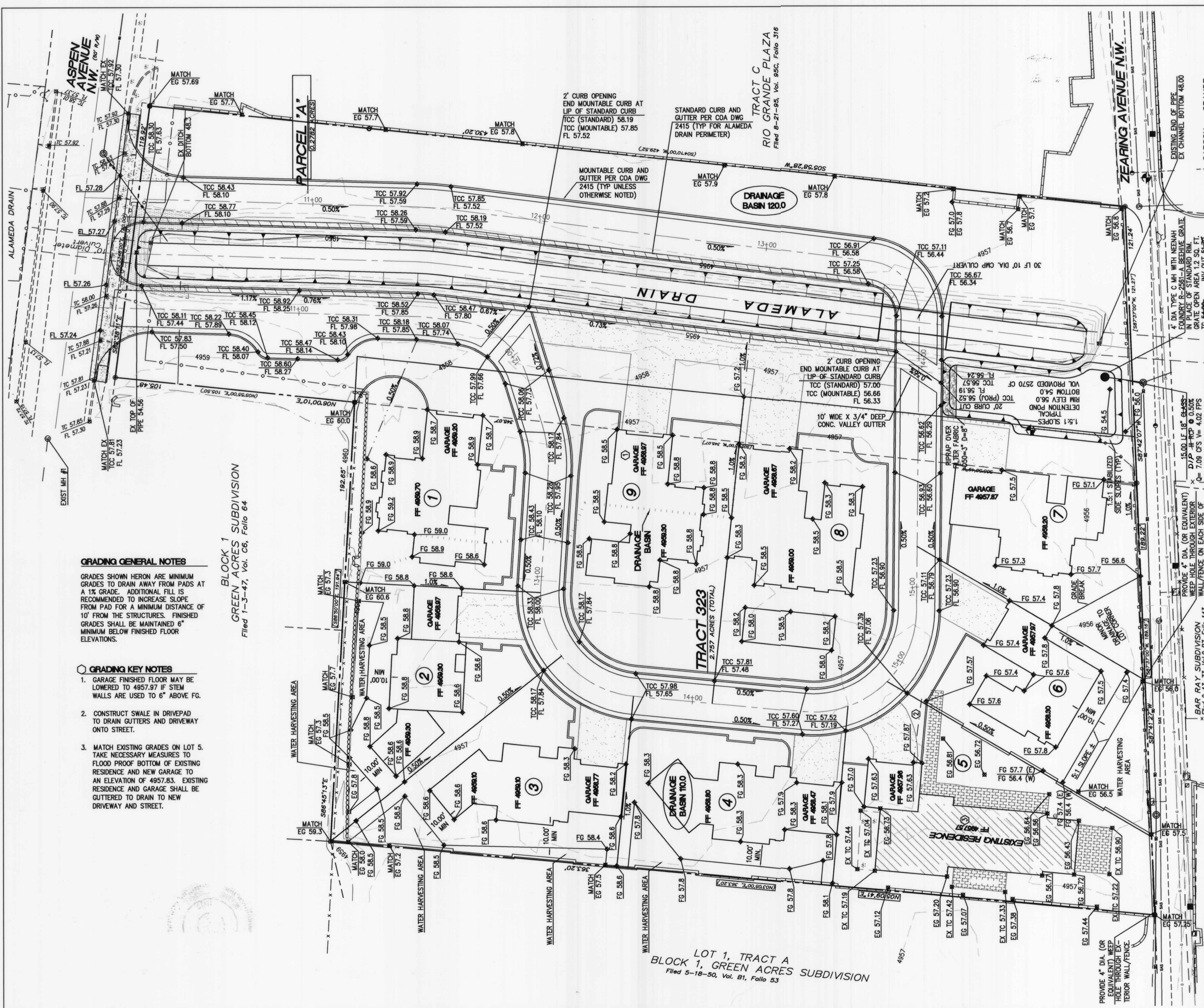
SHEET 2A
COA PROJECT 7232-81

040306.DWG



CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA
C1	10.34'	11.00'	5.90'	4.82'	S85°55'11"W	132°52'12"
C2	4.82'	51.27'	2.41'	4.82'	S85°55'11"W	132°52'12"
C3	8.25'	35.00'	4.14'	8.23'	S87°15'25"W	21°02'53"
C4	22.04'	60.00'	11.14'	21.91'	S87°15'25"W	21°02'53"
C5	68.37'	45.00'	43.71'	68.71'	S49°33'57"W	88°19'47"
C6	7.43'	45.00'	48.91'	68.23'	S41°59'00"E	84°46'08"
C7	41.34'	45.00'	22.26'	39.80'	S69°03'33"W	82°01'15"
C8	41.34'	45.00'	10.54'	20.52'	S18°34'45"W	26°21'21"
C9	20.70'	45.00'	10.33'	20.13'	S07°31'22"E	23°50'51"
C10	20.70'	45.00'	15.42'	29.18'	S39°21'51"E	37°50'09"
C11	29.72'	45.00'	12.52'	24.12'	S73°49'30"E	31°05'08"
C12	24.41'	45.00'	12.52'	24.12'	S73°49'30"E	31°05'08"

LINE	LENGTH	BEARING
L1	26.28'	N87°42'07"E
L2	19.79'	S86°50'37"E
L3	17.02'	S01°42'49"W
L4	13.07'	S06°51'11"W
L5	27.63'	S06°06'02"W
L6	21.98'	S72°44'06"W



GRADING GENERAL NOTES

GRADES SHOWN HEREON ARE MINIMUM GRADES TO DRAIN AWAY FROM PADS AT A 1% GRADE. ADDITIONAL FILL IS RECOMMENDED TO INCREASE SLOPE FROM PAD FOR A MINIMUM DISTANCE OF 10' FROM THE STRUCTURES. FINISHED GRADES SHALL BE MAINTAINED 6" MINIMUM BELOW FINISHED FLOOR ELEVATIONS.

GRADING KEY NOTES

1. GARAGE FINISHED FLOOR MAY BE LOWERED TO 4957.97 IF STEM WALLS ARE USED TO 6" ABOVE FG.

2. CONSTRUCT SWALE IN DRIVEPAD TO DRAIN GUTTERS AND DRIVEWAY ONTO STREET.

3. MATCH EXISTING GRADES ON LOT 5. TAKE NECESSARY MEASURES TO FLOOD PROOF BOTTOM OF EXISTING RESIDENCE AND NEW GARAGE TO AN ELEVATION OF 4957.83. EXISTING RESIDENCE AND GARAGE SHALL BE GUTTERED TO DRAIN TO NEW DRIVEWAY AND STREET.

VICINITY MAP H-13

TRACT 323, MRGD MAP NUMBER 35, AS DESIGNATED IN A WARRANTY DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON MARCH 14, 1933, IN BOOK 129, PAGE 238, AND A PORTION OF TRACT 323-A, MRGD MAP NUMBER 35, BEING DESIGNATED AS PARCEL "A" IN A QUITCLAIM DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON FEBRUARY 1, 2000, IN BOOK A2, PAGE 542.

LEGAL DESCRIPTION

TRACT 323, MRGD MAP NUMBER 35, AS DESIGNATED IN A WARRANTY DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON MARCH 14, 1933, IN BOOK 129, PAGE 238, AND A PORTION OF TRACT 323-A, MRGD MAP NUMBER 35, BEING DESIGNATED AS PARCEL "A" IN A QUITCLAIM DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON FEBRUARY 1, 2000, IN BOOK A2, PAGE 542.

ENGINEER'S SEAL

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

FIRM PANEL 331 (1"=500'±)

GRAPHIC SCALE (1 INCH = 20 FEET)

REMARKS

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

DESIGNED BY LRA
DRAWN BY LRA
CHECKED BY LDR

DATE SEPTEMBER 2003
DATE SEPTEMBER 2003
DATE SEPTEMBER 2003

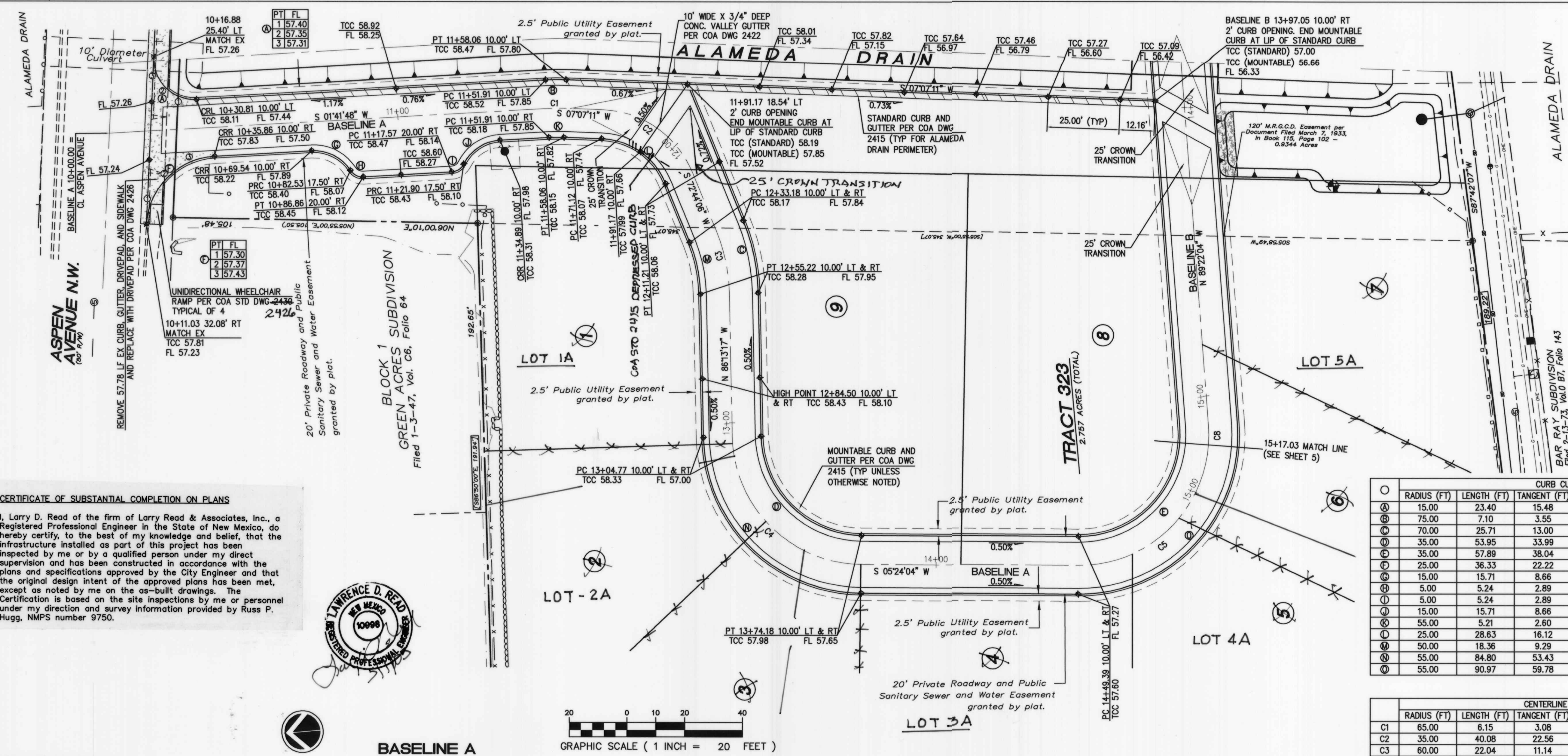
AS BUILT INFORMATION

CONTRACTOR: **TLC**
DATE: **4/04**
STANDARD: **TLC**
DATE: **4/04**
ACCEPTANCE: **LARRY READ**
DATE: **11/04**
DRAWINGS: **BY: LARRY READ**
DATE: **11/04**
CORRECTED: **BY: LARRY READ**
DATE: **11/04**
RECORDED: **BY: LARRY READ**
DATE: **11/04**

NO. 1
BY SURV. TEK, INC.
DATE 05/02
REVISIONS 5643 PARADISE BLVD. NW
DATE 05/02
REVISIONS ALBUQUERQUE, NM 87114
DATE 05/02
REVISIONS PHONE: (505) 897-3366
DATE 05/02
REVISIONS FAX: (505) 897-3377
DATE 05/02

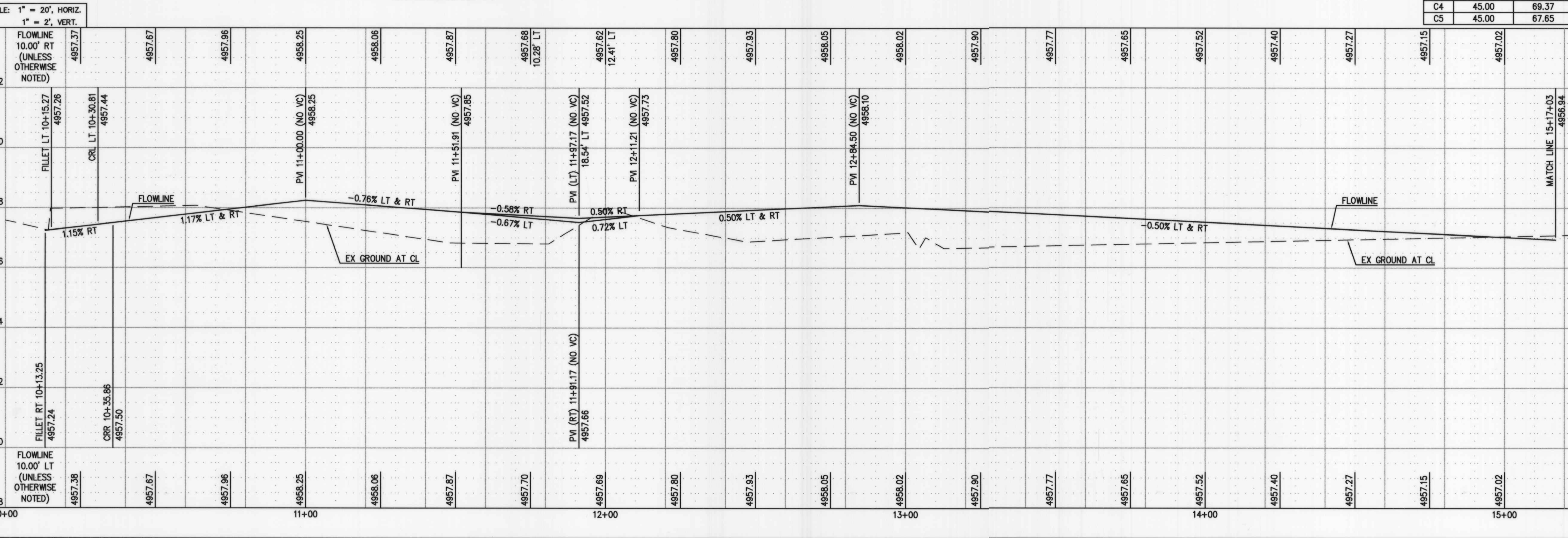
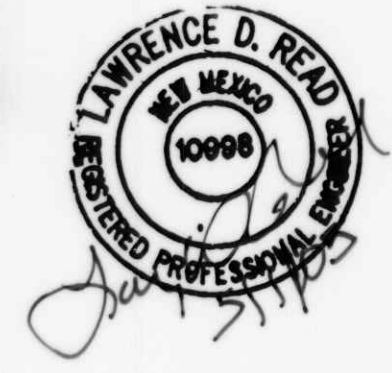
PROJECT NO. 7232.B1
MAP NO. H-13
SHEET 3 OF 10

For Information Only



CERTIFICATE OF SUBSTANTIAL COMPLETION ON PLANS

I, Larry D. Read of the firm of Larry Read & Associates, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built drawings. The Certification is based on the site inspections by me or personnel under my direction and survey information provided by Russ P. Hugg, NMPS number 9750.



CURB CURVE DATA						
	RADIUS (FT)	LENGTH (FT)	TANGENT (FT)	DELTA	CHORD (FT)	CH BRNG
1	15.00	23.40	15.48	95°45'03"	20.77	S 49°34'20" W
2	75.00	7.10	3.55	05°25'22"	7.10	S 04°24'30" W
3	70.00	25.71	13.00	21°02'37"	25.57	S 83°15'25" W
4	35.00	53.95	33.99	88°19'23"	48.77	S 49°34'08" W
5	35.00	57.89	38.04	94°46'08"	51.51	S 41°59'00" E
6	25.00	36.33	22.22	83°16'10"	33.22	S 39°56'17" E
7	15.00	15.71	8.66	60°00'00"	15.00	S 31°41'48" W
8	5.00	5.24	2.89	60°00'00"	5.00	S 31°41'48" W
9	5.00	5.24	2.89	60°00'00"	5.00	S 28°18'12" E
10	15.00	15.71	8.66	60°00'00"	15.00	S 28°18'12" E
11	55.00	5.21	2.60	5°25'22"	5.20	S 04°24'30" W
12	25.00	28.63	16.12	65°36'55"	27.09	S 39°55'39" W
13	50.00	18.36	9.29	21°02'37"	18.26	S 83°15'25" W
14	55.00	84.80	53.43	88°20'09"	76.64	S 49°34'08" W
15	55.00	90.97	59.78	94°46'08"	80.95	S 41°59'00" E

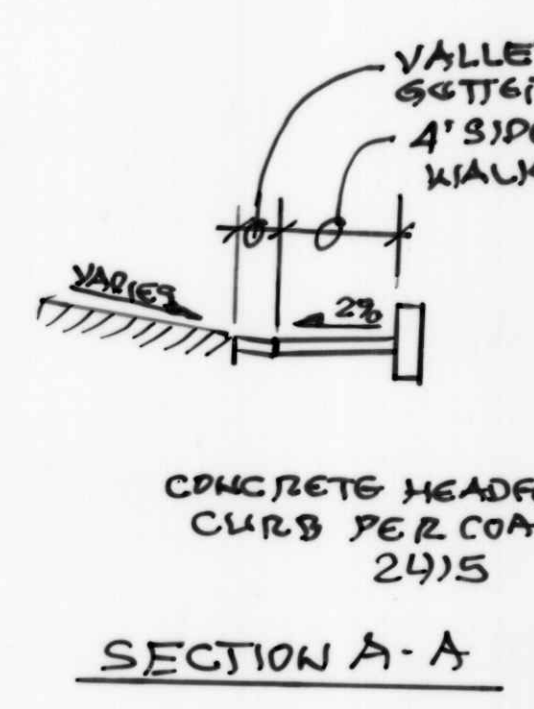
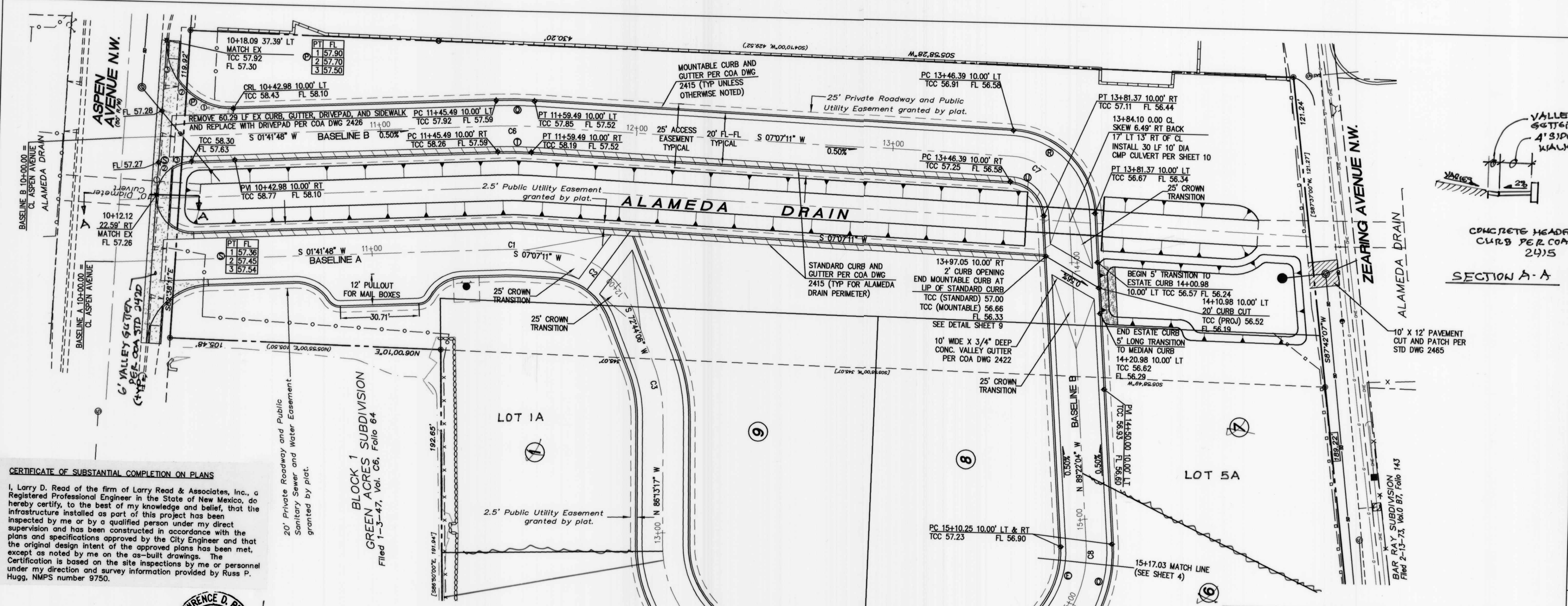
CENTERLINE CURVE DATA						
	RADIUS (FT)	LENGTH (FT)	TANGENT (FT)	DELTA	CHORD (FT)	CH BRNG
C1	65.00	6.15	3.08	05°25'22"	6.15	S 04°24'30" W
C2	35.00	40.08	22.56	65°36'55"	37.93	S 39°55'39" W
C3	60.00	22.04	11.14	21°02'37"	21.91	S 83°15'25" W
C4	45.00	69.37	43.71	88°19'47"	62.71	S 49°33'57" W
C5	45.00	67.65	42.06	86°07'59"	61.46	S 37°39'56" E

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ACEQUIA ESCONDIDA BASELINE A PAVING PLAN AND PROFILE	
DESIGN REVIEW COMMITTEE FEB 24 2004	CITY ENGINEER APPROVAL MAR 16 2004
PROJECT NO. 7232.81	MAP NO. H-13
SHEET 4	OF 10

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	1	DATE	05/02	CONTRACTOR	T.J.C. PLUMBING
BY	SURV. TEX. INC.	DATE	05/02	STANDARD	5000
	5643 PARADISE BLVD. NW	DATE	05/02	FIELD	5000
	ALBUQUERQUE, NM 87114	DATE	05/02	REVISION	5000
	PHONE: (505) 897-3366	DATE	05/02	CORRECTED	5000
	FAX: (505) 897-3377	DATE	05/02	RECORDED	5000

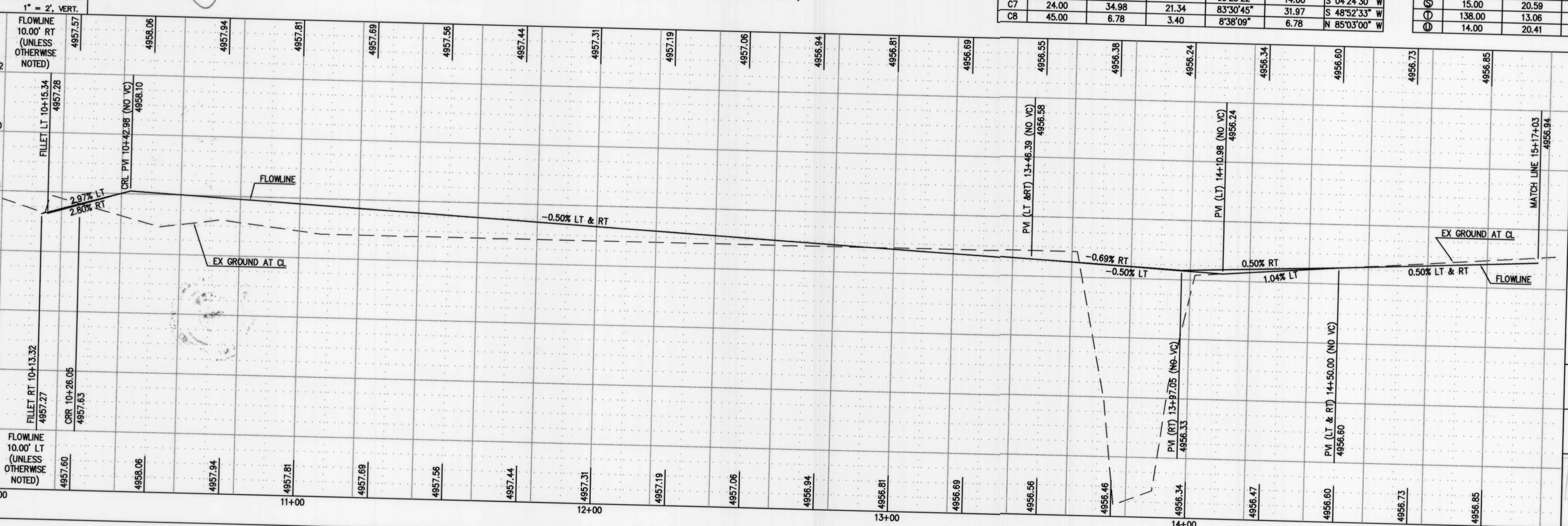
DESIGNED BY	LDR	DATE	SEPTEMBER 2003
DRAWN BY	LDR	DATE	SEPTEMBER 2003
CHECKED BY	LDR	DATE	SEPTEMBER 2003



CERTIFICATE OF SUBSTANTIAL COMPLETION ON PLANS
I, Larry D. Read of the firm of Larry Read & Associates, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built drawings. The Certification is based on the site inspections by me or personnel under my direction and survey information provided by Russ P. Hugg, NMPS number 9750.



SCALE: 1" = 20', HORIZ.
1" = 2', VERT.

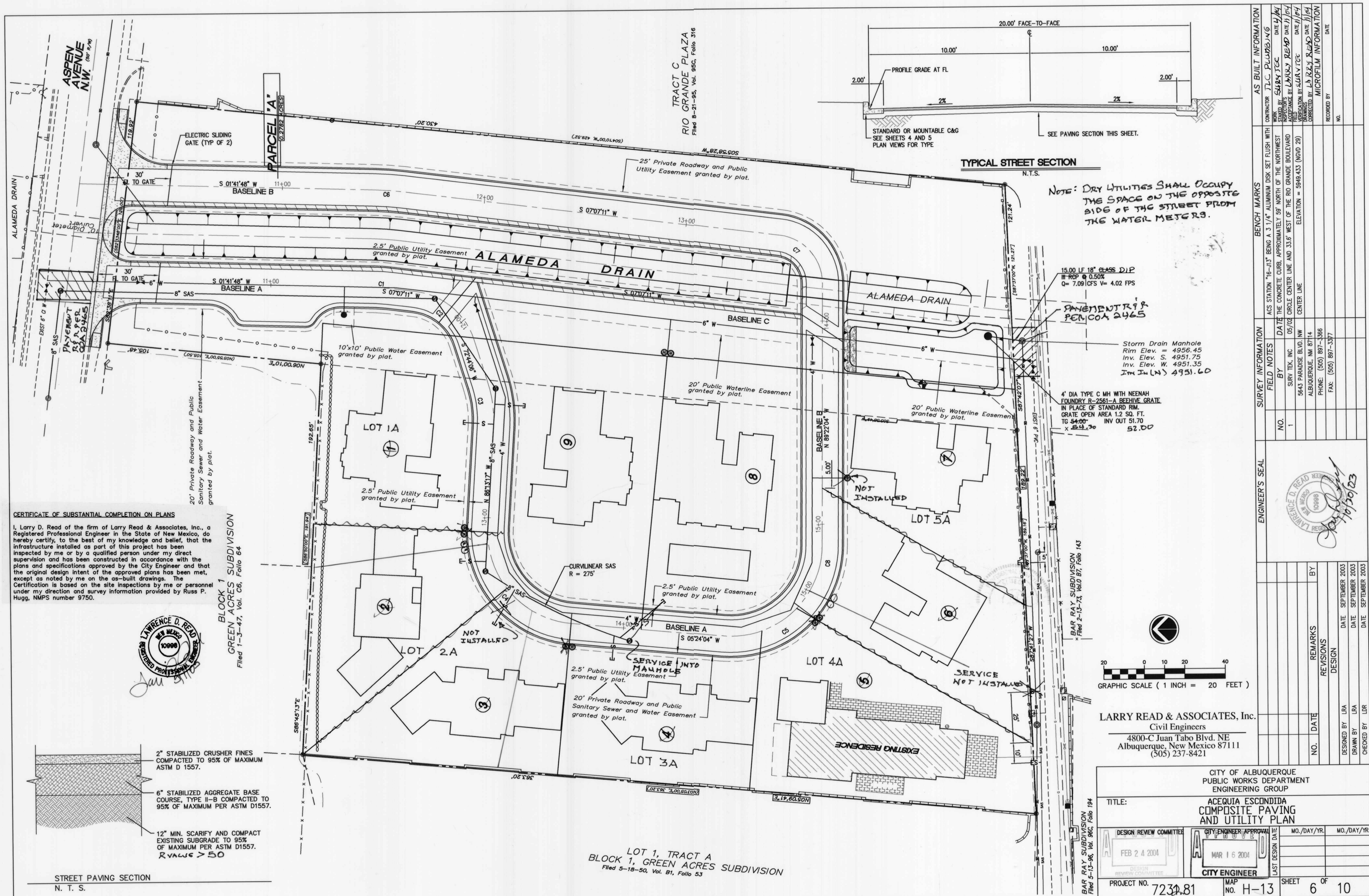


CENTERLINE CURVE DATA					
RADIUS (FT)	LENGTH (FT)	TANGENT (FT)	DELTA	CHORD (FT)	CH BRNG
C6 148.00	14.01	7.01	05°25'22"	14.00	S 04°24'30" W
C7 24.00	34.98	21.34	83°30'45"	31.97	S 48°52'33" W
C8 45.00	6.78	3.40	8°38'09"	6.78	N 85°03'00" W

CURB CURVE DATA					
RADIUS (FT)	LENGTH (FT)	TANGENT (FT)	DELTA	CHORD (FT)	CH BRNG
35.00	57.89	38.04	94°46'08"	51.51	S 41°59'00" E
55.00	90.97	59.78	94°46'08"	80.95	S 41°59'00" E
25.00	41.66	27.51	95°28'58"	37.01	S 49°26'18" W
158.00	14.95	7.48	05°25'22"	14.95	S 04°24'30" W
34.00	49.56	30.35	83°30'45"	45.29	S 48°52'33" W
15.00	20.59	12.66	84°14'57"	18.78	S 40°25'40" E
138.00	13.06	6.54	05°25'22"	13.06	S 04°24'30" W
14.00	20.41	12.50	83°30'45"	18.65	S 48°52'33" W

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Civil Engineers
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Albuquerque, New Mexico 87111
(505) 237-8421

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ACEQUIA ESCONDIDA BASELINE B PAVING PLAN AND PROFILE	
DESIGN REVIEW COMMITTEE FEB 24 2004	CITY ENGINEER APPROVAL MAR 16 2004
PROJECT NO. 7231.81	MAP NO. H-13
DESIGNED BY LDR	DATE SEPTEMBER 2003
DRAWN BY LDR	DATE SEPTEMBER 2003
CHECKED BY LDR	DATE SEPTEMBER 2003
NO.	REVISIONS
1	DESIGN
MO./DAY/YR.	MO./DAY/YR.
SHEET 5	OF 10

[illegible]



GREEN ACRES SUBDIVISION,
Filed 1-3-47, Vol. C6, Folio 64

GRAPHIC SCALE (1 INCH = 20 FEET)

WATER LINE FITTING RESTRAINED LENGTHS	
FITTING	LENGTH
6" GATE VALVE	46'
6" TEE	10'
6" X 4" TEE	7'
4" X 11.25" BEND	1'
4" X 22.5" BEND	2'
4" X 45" BEND	5'

CERTIFICATE OF SUBSTANTIAL COMPLETION ON PLANS

Larry D. Reed of the firm of Larry Reed & Associates, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and that the same has been constructed in accordance with the original design intent of the City Engineer and that the same is substantially complete. The project has been met, except as noted by me on the as-built drawings. The certification is based on the site inspections by me or personnel under my supervision and survey information provided by Russ P. Hughes, NMS, Inc.

BENCH MARKS
ACS STATION "16-J13" BEING A 3 1/4" ALUMINUM DISK SET FLUSH WITH THE CONCRETE CURB, APPROXIMATELY 59' NORTH OF THE NORTHWEST CORNER CENTER LINE AND 33.6' WEST OF THE RIO GRANDE BOULEVARD CENTER LINE
ELEVATION = 5949.433 (NGVD 29)

SURVEY INFORMATION			
NO.	FIELD NOTES	BY	DATE
1	SURV TEK, INC 5643 PARADISE BLVD. NW ALBUQUERQUE, NM 87114		05/02/05
	PHONE: (505) 897-3366		
	FAX: (505) 897-3377		

ENGINEER'S SEAL

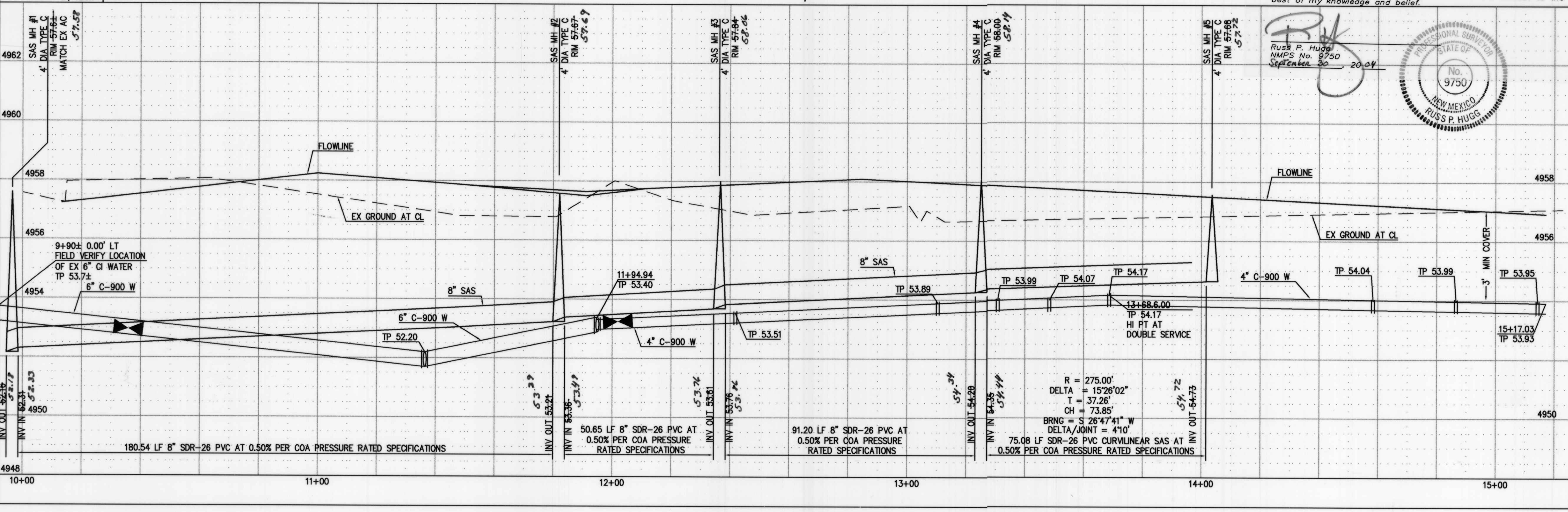
10/30/01

[illegible]

LARRY READ & ASSOCIATES, Inc
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP
TITLE:	ACEQUIA ESCONDIDA BASELINE A UTILITY PLAN AND PROFILE

DESIGN REVIEW COMMITTEE FEB 24 2004 DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL APPROVED MAR 16 2004 CITY ENGINEER		LAST DESIGN DATE	MO./DAY/YR.	MO./DAY/YR.
PROJECT NO. 7239.81		MAP NO. H-13		SHEET 7	OF 10	



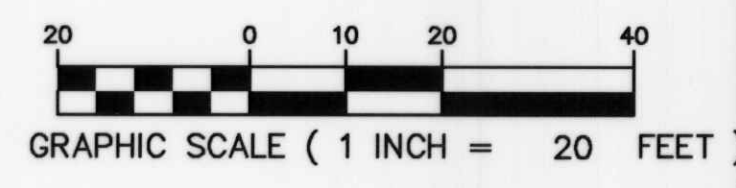
CERTIFICATE OF SUBSTANTIAL COMPLETION ON PLANS

I, Larry D. Read of the firm of Larry Read & Associates, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built drawings. The Certification is based on the site inspections by me or personnel under my direction and survey information provided by Russ P. Hugg, NMPS number 9750.

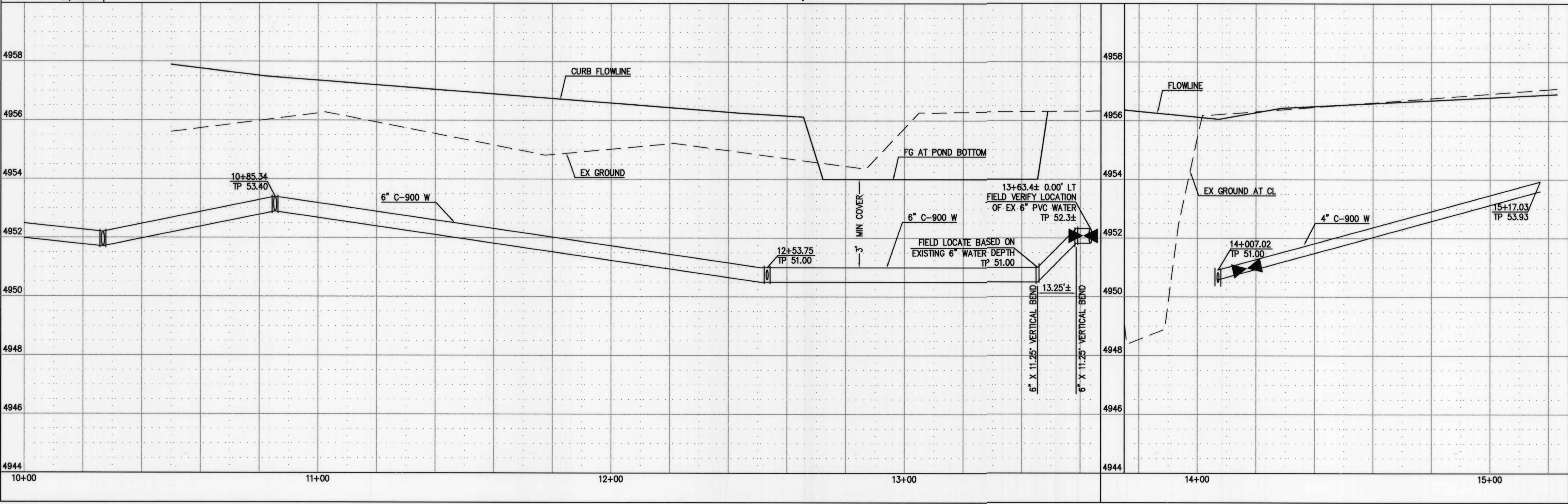


BLOCK 1
GREEN ACRES SUBDIVISION
Filed 1-3-47, Vol. 66, Folio 64

BASELINE C



SCALE: 1" = 20', HORIZ.
1" = 2', VERT.

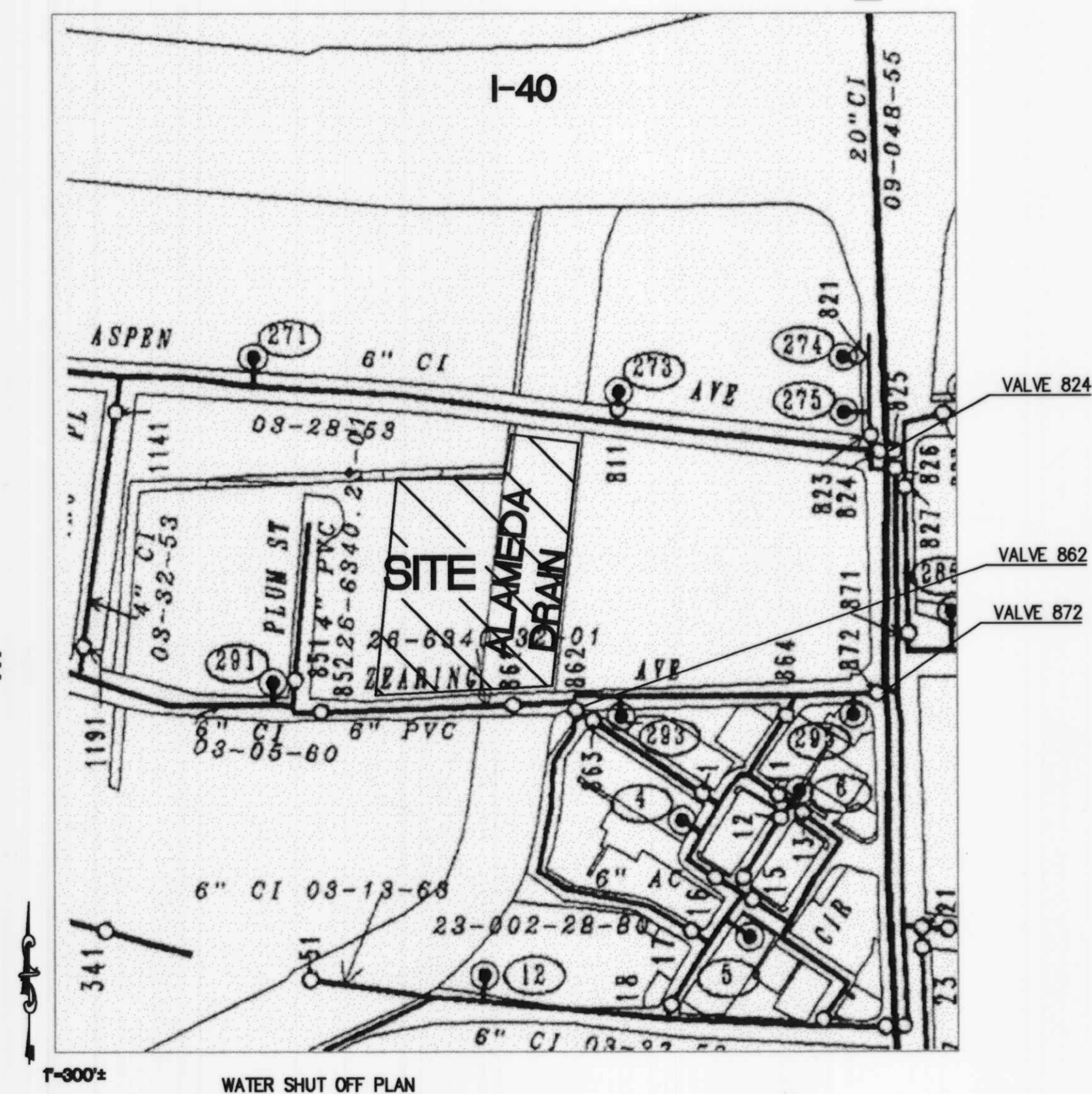
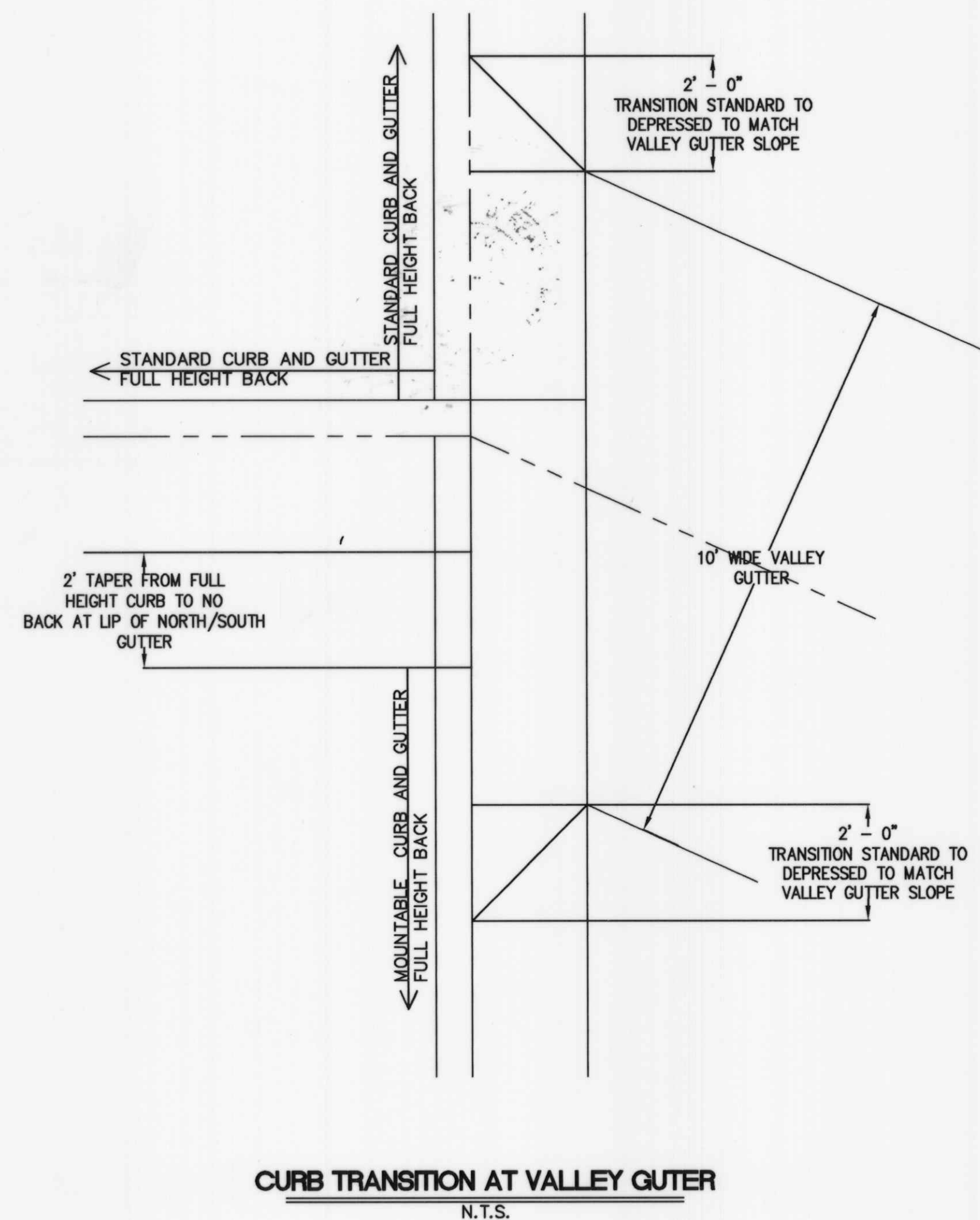


WATER LINE FITTING RESTRAINED LENGTHS	
FITTING	LENGTH
6" GATE VALVE	46'
6" TEE	10'
6" X 4" TEE	7'
4" X 11.25" BEND	1'
4" X 22.5" BEND	2'
4" X 45" BEND	5'

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ACEQUIA ESCONDIDA BASELINES B AND C UTILITY PLAN AND PROFILES	
DESIGN REVIEW COMMITTEE FEB 24 2004	CITY ENGINEER APPROVAL MAR 16 2004
PROJECT NO. 7232.84	MAP NO. H-13
SHEET 8	OF 10

SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	CONTRACTOR	WORK
1	SURV. TEK, INC. 5643 PARADISE BLVD. NW ALBUQUERQUE, NM 87114 PHONE: (505) 897-3966 FAX: (505) 897-3377	05/02/03	TEK	JLC PLUMBING	DATE 1/14/04
REMARKS		REVISIONS		MICROFILM INFORMATION	
NO.	DATE	NO.	DATE	NO.	DATE
DESIGNED BY	LDR	DATE	SEPTEMBER 2003	RECORDED BY	
DRAWN BY	LDR	DATE	SEPTEMBER 2003		
CHECKED BY	LDR	DATE	SEPTEMBER 2003		



CERTIFICATE OF SUBSTANTIAL COMPLETION ON PLANS

I, Larry D. Read of the firm of Larry Read & Associates, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a duly qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design of the approved plans has been met, except as noted by me on the as-built drawings. The Certificate is based on the visual inspections made by me or personnel under my direction and survey information provided by Russ P. Hugg, NMPS number 9750.



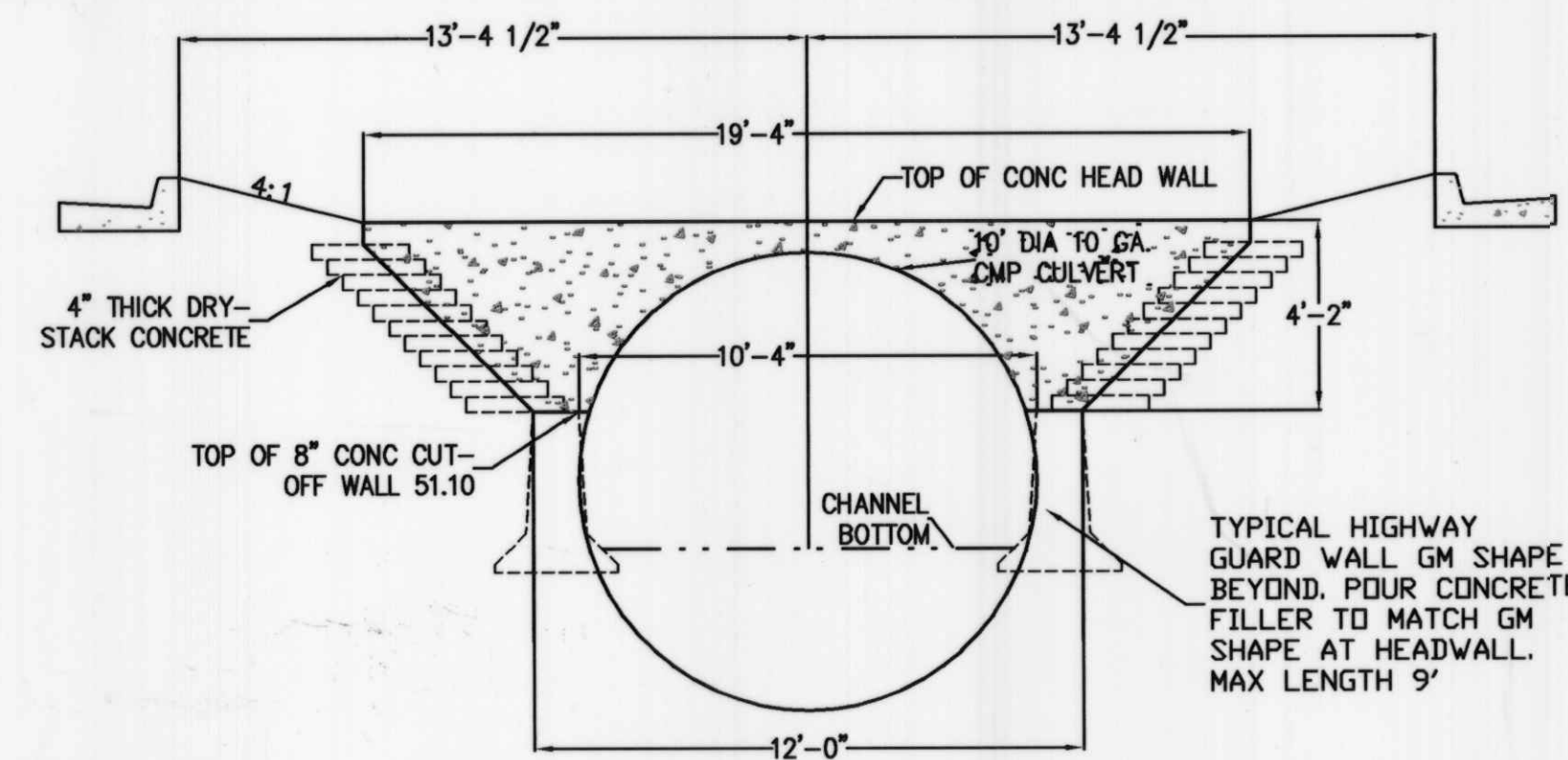
DESIGNED BY	LDR	DATE	SEPTEMBER 2003
DRAWN BY	LDR	DATE	SEPTEMBER 2003
CHECKED BY	LDR	DATE	SEPTEMBER 2003
NO.	DATE	REMARKS	BY
REVISIONS			
DESIGN			
ENGINEER'S SEAL		SURVEY INFORMATION	
 <i>Lawrence A. Read</i> 10/30/03		FIELD NOTES	
		NO.	BY
		1	SURV. TEK, INC.
			DATE
BENCH MARKS		ACS STATION "16-J13" BEING A 3 1/4" ALUMINUM DISK SET FLUSH WITH THE CONCRETE CURB, APPROXIMATELY 59' NORTH OF THE NORTHWEST CORNER OF THE CONCRETE CURB AND 33.6' WEST OF THE RIO GRANDE BOULEVARD CENTER LINE	
ELEVATION = 5949.433 (NGVD 29)		ELEVATION = 5949.433 (NGVD 29)	
AS BUILT INFORMATION		CONTRACTOR	
WORK		STAKED BY	
INSPECTED BY		DATE	
FIELD		DATE	
OPERATION BY		DATE	
CORRECTED BY		DATE	
MICROFILM INFORMATION		RECORDED BY	
DATE		NO.	

LARRY READ & ASSOCIATES, Inc.
Civil Engineers
4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

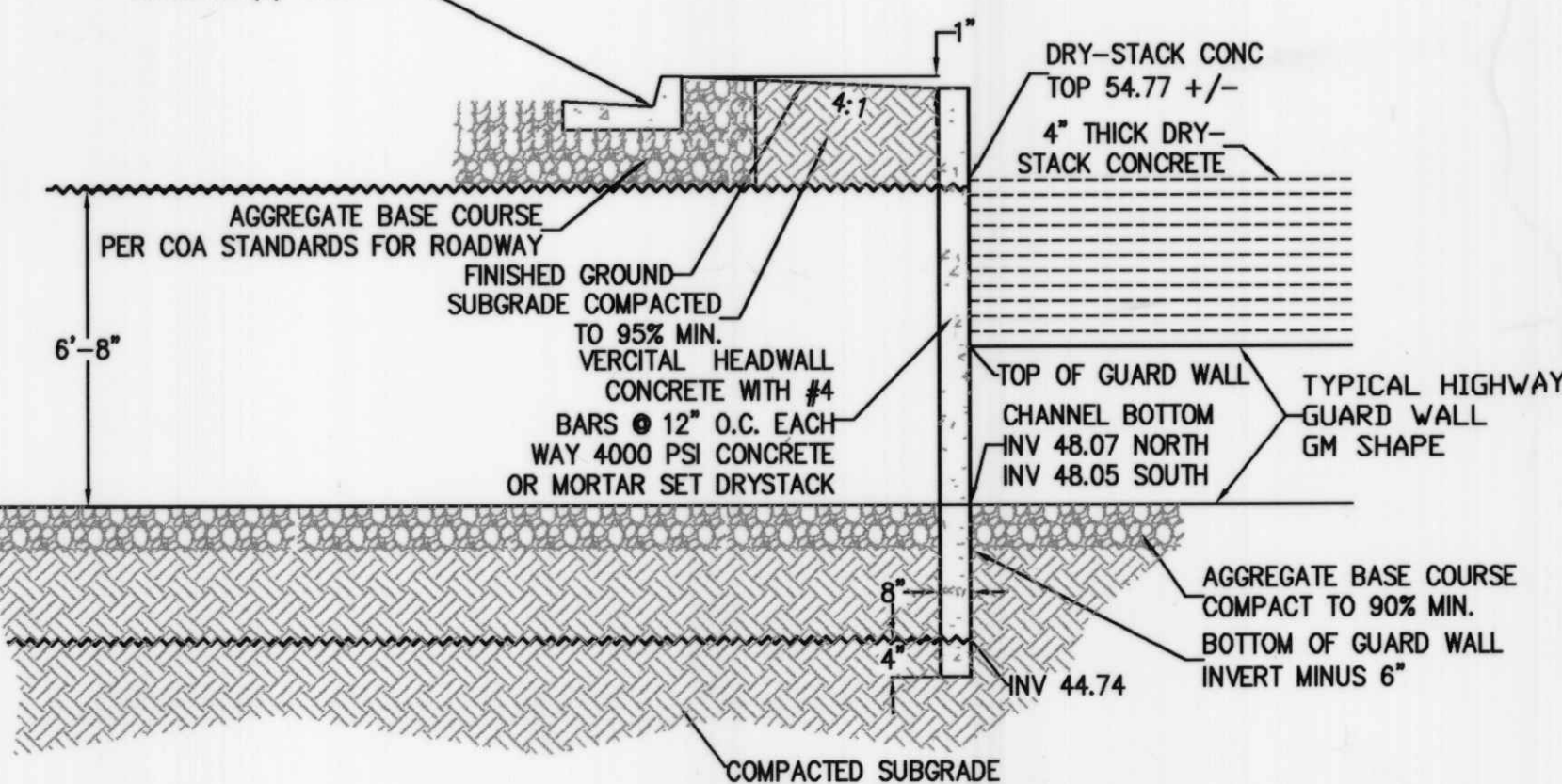
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
TITLE:		ACEQUIA ESCONDIDA UTILITY DETAILS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
FEB 24 2004 DESIGN REVIEW COMMITTEE	MAR 16 2004 CITY ENGINEER		
PROJECT NO. 7232.81	MAP NO. H-13	SHEET 9	OF 10

1. DRY STACK CONCRETE SHALL BE MINIMUM SIZE 4" H X 12" THICK. LENGTH IS VARIABLE.
2. DRY STACK CONCRETE SHALL HAVE ROUGHENED TOP AND BOTTOM SURFACE TO PROVIDE MECHANICAL INTERLOCK.
3. THE LOWEST 2 LAYERS OF DRY STACK SHALL BE MORTAR SET USING HIGH STRENGTH, NON CONCRETE MORTAR.
4. CONCRETE GUARD WALL (BARRIERS) SHALL BE CONNECTED END TO END WITH INCLUDED ANCHORAGE LOOPS AND PINS

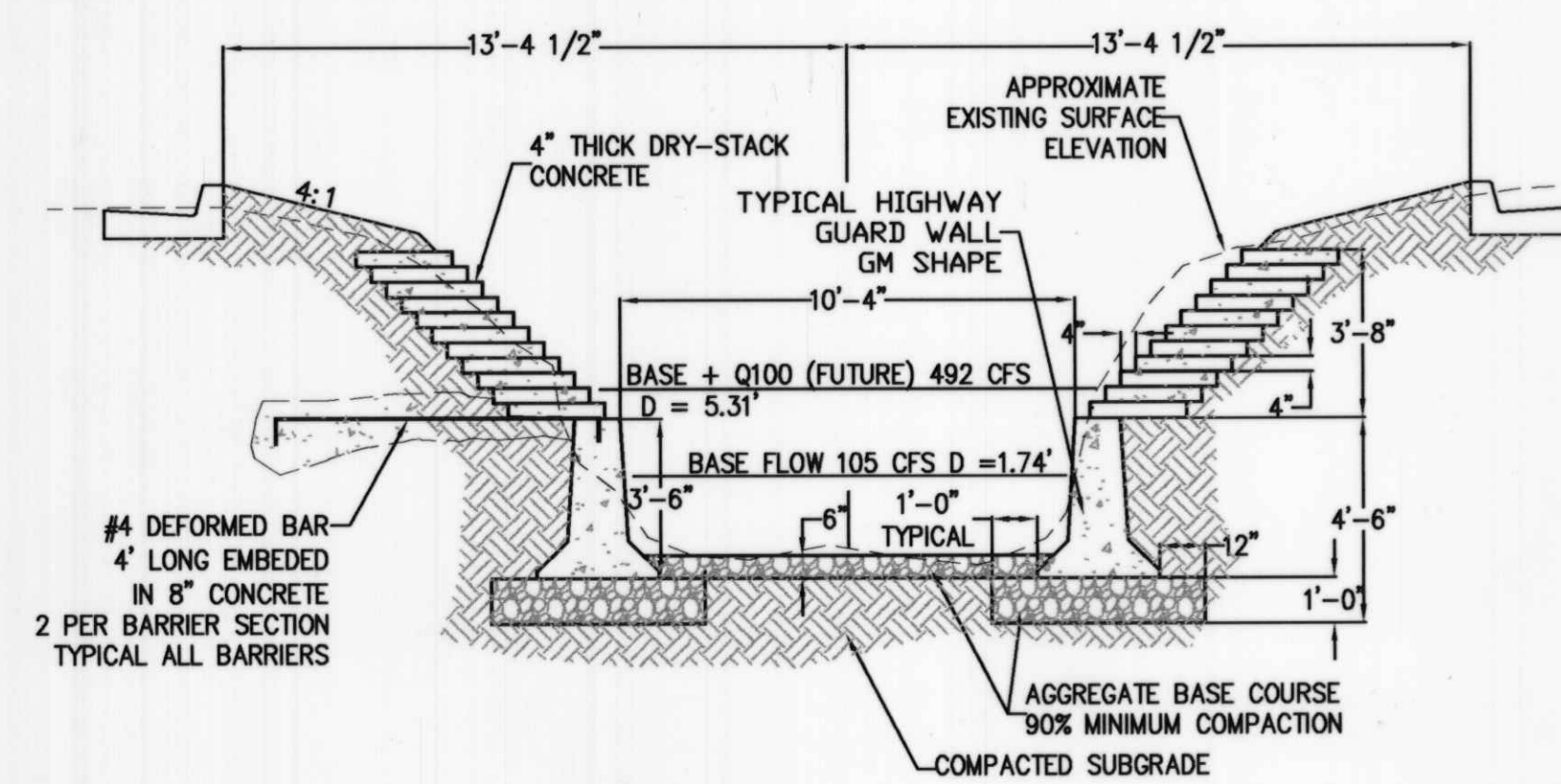
I, Larry D. Read of the firm of Larry Read & Associates, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been designed by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built drawings. The information is based on the site visit by me and my personnel under my direction and survey information provided by Russ P. Hugg, NMPS number 9750.



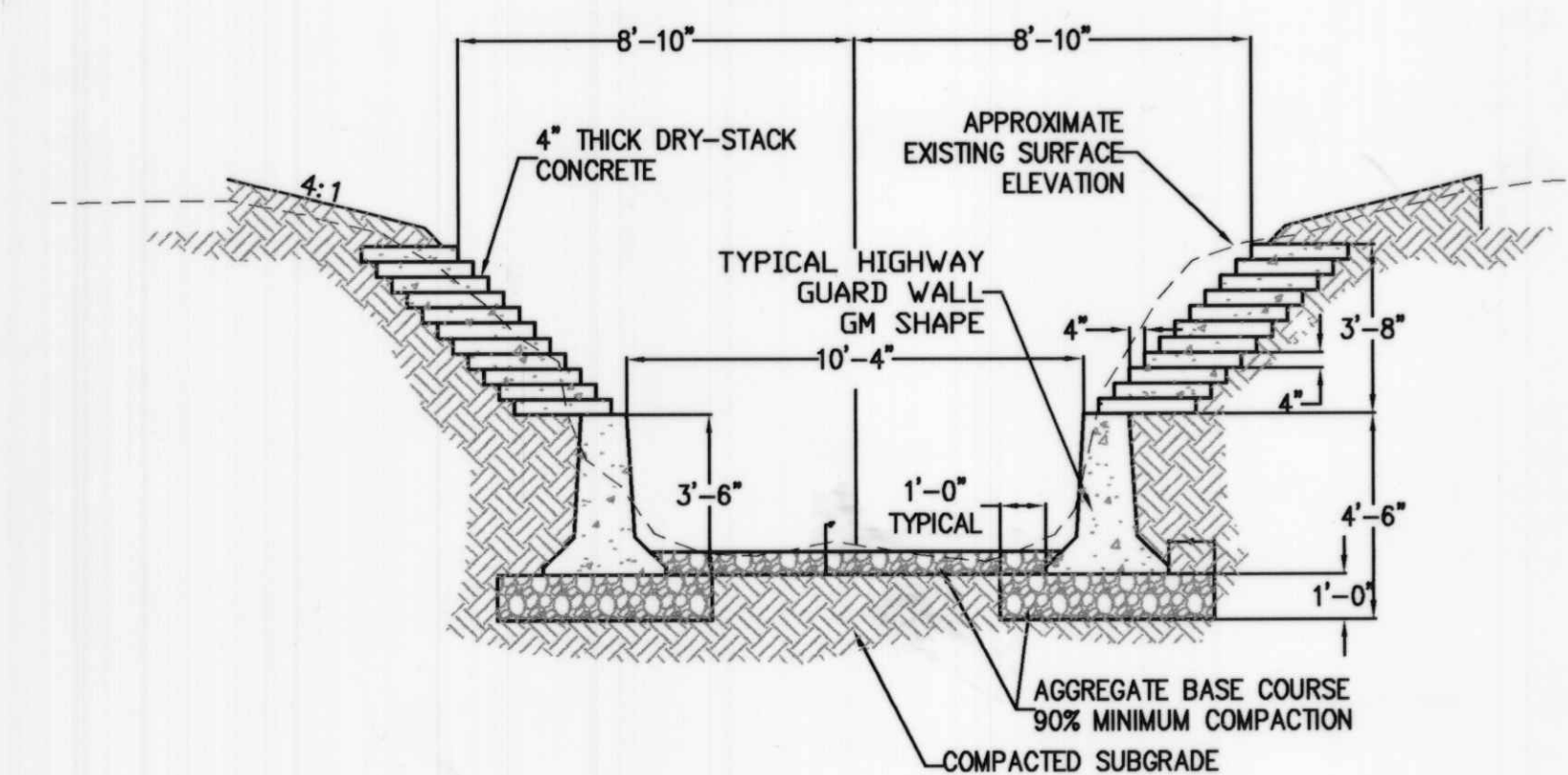
CURB FL (N) 56.44
CURB FL (S) 56.34



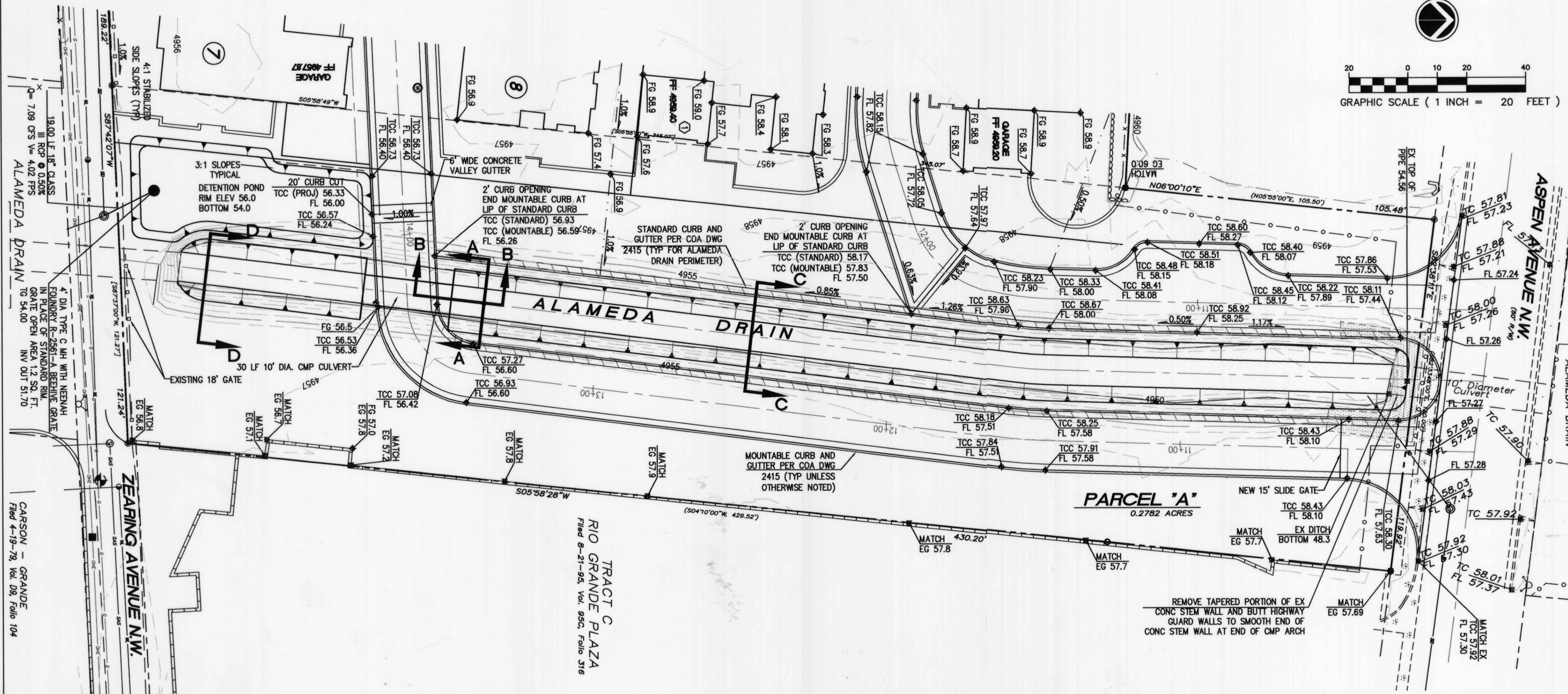
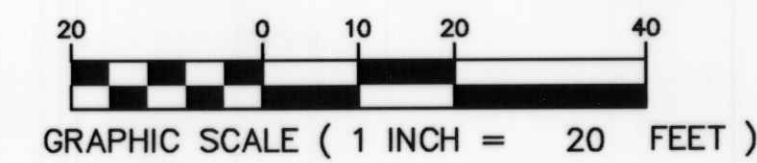
SECTION B-B



SECTION C-C



SECTION D-D



SITE

ZEAPING AVE

ALAMEDA CRAIN

VICINITY MAP H-13

TRACT 323, MRGCD MAP NUMBER 35, AS DESIGNATED IN A WARRANTY DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON MARCH 14, 1933, IN BOOK 129, PAGE 238, AND A PORTION OF TRACT 323-A, MRGCD MAP NUMBER 35, BEING DESIGNATED AS PARCEL "A" IN A QUILCLAIM DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON FEBRUARY 1, 2000, IN BOOK A2, PAGE 542.

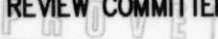
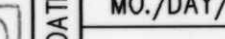
MRGCD GENERAL CONSTRUCTION NOTES

1. ANY WORK TO BE PERFORMED WITHIN THE MIDDLE RIO GRANDE CONSERVANCY DISTRICT (M.R.G.C.D.) RIGHT-OF-WAY SHALL BE CLOSELY COORDINATED WITH THE M.R.G.C.D. ENGINEERING DEPARTMENT AND APPROPRIATE FIELD OFFICE. PHONE: (505) 247-0234.
2. NO WORK IS TO BE DONE ON FACILITIES OR STRUCTURES BELONGING TO, OR OPERATED BY, THE M.R.G.C.D. BETWEEN MARCH 1 AND OCTOBER 31 INCLUSIVE. HOWEVER, WORK MAY BE PERMITTED BY THE M.R.G.C.D. IF IT CAN BE SHOWN THAT THE WORK WILL NOT INTERFERE WITH OPERATIONS OF THE M.R.G.C.D. FACILITY. ALL WORK TO BE DONE WITHIN THE M.R.G.C.D. FACILITIES MUST BE APPROVED BY THE M.R.G.C.D. ENGINEER PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL NOT STORE EQUIPMENT, NEW MATERIALS OR DEBRIS WITHIN DISTRICT RIGHT-OF-WAY WHICH MAY INTERFERE WITH OPERATIONS AND MAINTENANCE OF THE M.R.G.C.D. FACILITY.
4. THE CONTRACTOR SHALL NOT SERVICE VEHICLES OR EQUIPMENT WITHIN M.R.G.C.D. RIGHT-OF-WAY.
5. SEEDING OF DISTURBED AREA WITHIN M.R.G.C.D. RIGHT-OF-WAYS IS REQUIRED PER THE M.R.G.C.D. SEEDING SPECIFICATIONS.
6. THE CONTRACTOR MUST MAINTAIN A MINIMUM COVER OF 3' OVER ALL CULVERT CROSSINGS USED FOR ACCESS TO THE PROJECT SITE.
7. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING AND/OR REPLACEMENT OF ANY STRUCTURES REMOVED AND/OR DAMAGED DUE TO THE CONTRACTORS ACTIVITIES WITHIN THE DISTRICTS RIGHT-OF-WAY. SHOULD ANY TURNSOTS, CULVERT PIPES AND/OR STRUCTURES REQUIRE REPLACEMENT DUE TO LEAKAGE AND/OR DAMAGE BY THE CONTRACTOR, NEW TURNSOTS, AND NEW CULVERT PIPES AND OR NEW STRUCTURES SHALL REPLACE THE DAMAGED ITEM. REPAIRS AND/OR REPLACEMENTS WITHIN THE DISTRICTS RIGHT-OF-WAY MUST COMPLY WITH THE DISTRICTS SPECIFICATIONS.
8. ALL DAMAGED CULVERT CROSSINGS AND CULVERT CROSSINGS REMOVED AND/OR DISTURBED MUST BE RESTORED AND/OR REPLACED TO THE SATISFACTION OF THE M.R.G.C.D. AND COMPLY WITH M.R.G.C.D. SPECIFICATIONS.
9. ALL SALVAGEABLE CULVERTS, IRRIGATION GATES, ETC. MUST BE RETURNED TO THE M.R.G.C.D.
10. THE CONTRACTOR IS RESPONSIBLE FOR EXECUTING A "SPECIAL USE LICENSE AGREEMENT" WITH THE M.R.G.C.D. PRIOR TO CONSTRUCTION.

LARRY READ & ASSOCIATES, Inc.
Civil Engineers

4800-C Juan Tabo Blvd. NE
Albuquerque, New Mexico 87111
(505) 237-8421

	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP
TITLE:	OSOFSKY SUBDIVISION ALAMEDA DRAIN AND DETAILS

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN DATE	
					
PROJECT NO. 7232.81		MAP NO. H-13		SHEET 10 OF 10	