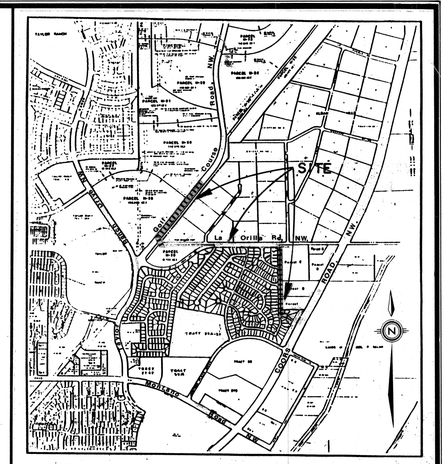
STORM SEWER IMPROVEMENTS

FOR

GOLF COURSE RD, NW & LA ORILLA RD, NW



VICINITY MAP
Scale: 1" = 1000'

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET, INDEX TO DRAWINGS
2-4	PLATS OF GEOMETRY
5	COMPOSITE STORM SEWER PLAN
	STORM SEWER PLAN & PROFILES
6	FROM STA. 0+00.00 TO STA. 9+50.00
7	FROM STA. 9+50.00 TO STA. 17+12.23
8	FROM STA. 17+12.23 TO STA. 23+50.00
9	FROM STA. 23+50.00 TO STA. 33+00.00
10	FROM STA. 33+00.00 TO EQUATION STA. 41+05.04
11	FROM EQUATION STA. 9+15.73 TO STA. 19+90.00
12-13	DETAILS

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS PUBLIC WORKS CONSTRUCTION, 1985.

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

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

4. THE CLASS NO. FOR THE RCP SPECIFIED IN THESE PLANS IS THE MINIMUM ASTM CLASSIFICATION NO. HIGHER CLASS NO'S., MAY BE USED AT THE CONTRACTOR'S OPTION WITH APPROVAL BY THE ENGINEER.

5. RCP PIPE DIAMETERS SPECIFIED IN THESE PLANS ARE A MINIMUM. LARGER DIAMETER PIPES MAY BE SUBSTITUTED AT THE CONTRACTOR'S OPTION WITH THE APPROVAL OF THE ENGINEER.

A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53

SCANNED BY

SCANNED BY

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER/FIELD
DATE 2-22-87

1 2 3 4 5 6 7 8 9 10 11 12
26 30700187

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

APPROVAL OF REVISIONS

ENGINEER'S SEAL

MICHAEL J. POST
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
12/30/86

DATE: NOV., 1986
SCALE: N A
DESIGNED: G.A.
DRAWN: C S C
JOB NO.: 73-38-066

community sciences corporation
LAND PLANNING P.O. Box 1328 | ENGINEERING Corrales, New Mexico 87048 | SURVEYING

APPROVED FOR CONSTRUCTION
CITY ENGINEER
2/27/87
DATE

PROJECT NO. 3070

SHEET 1 OF 13

SCANNED BY

VACATION AND SUBDIVISION PLAT FOR

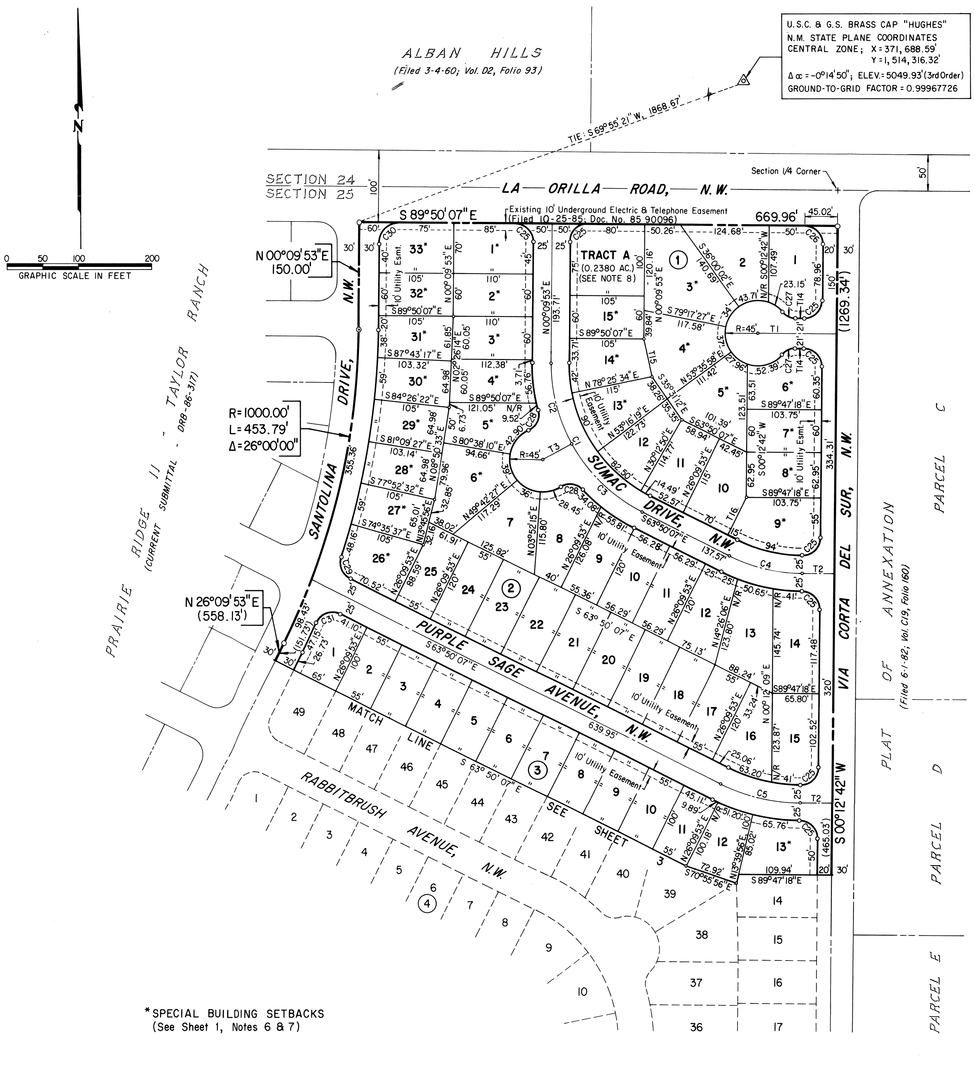
PRAIRIE RIDGE UNIT SIX

OCTOBER, 1986

CURRENT SUBMITTAL

DRB CASE NO.86-436

RESERVED FOR COUNTY CLERK



ACREAGE TABLE											
BLOCK 1		BLOCK 2		BLOCK 3		BLOCK 3		BLOCK 4		BLOCK 5		BLOCK 6	
LOT	AC.	LOT	AC.	LOT	AC.	LOT	AC.	LOT	AC.	LOT	AC.	LOT	AC.
1	0.2077	13	0.2036	7	0.1263	34	0.2061	12	0.1824	17	0.1898	9	0.1377
2	0.2104	14	0.2132	8	0.1263	35	0.1969	13	0.1482	18	0.1473	10	0.1270
3	0.2894	15	0.1884	9	0.1263	36	0.1648	14	0.1431	19	0.1670	11	0.2726
4	0.2195	16	0.1675	10	0.1263	37	0.1731	15	0.1591	20	0.1800	12	0.1855
5	0.2106	17	0.1515	11	0.1263	38	0.2001	16	0.1514	21	0.1768	13	0.1422
6	0.1767	18	0.1515	12	0.1407	39	0.1854	17	0.1326	22	0.1493	14	0.1413
7	0.1429	19	0.1515	13	0.1747	40	0.1653	18	0.1326	23	0.1331	15	0.1413
8	0.1499	20	0.1515	14	0.1549	41	0.1283	19	0.1326	24	0.1333	16	0.1413
9	0.1973	21	0.1515	BLOCK 3		42	0.1263	20	0.1326	25	0.1477	17	0.1413
10	0.1669	22	0.1515	LOT	AC.	43	0.1263	21	0.1326	26	0.1444	18	0.1413
11	0.1663	23	0.1515	15	0.1529	44	0.1263	22	0.1536	27	0.1374	19	0.1413
12	0.1608	24	0.1515	16	0.1515	45	0.1263	BLOCK 5		28	0.1341	20	0.1413
13	0.1757	25	0.1540	17	0.1515	46	0.1263	LOT	AC.	29	0.1395	21	0.1413
14	0.1637	26	0.1753	18	0.1515	47	0.1263	1	0.1611	30	0.1520	22	0.1462
15	0.1446	27	0.1490	19	0.1641	48	0.1263	2	0.1389	31	0.2325	23	0.1789
BLOCK 2		28	0.1476	20	0.2200	49	0.1461	3	0.1389	32	0.1933	24	0.1638
LOT	AC.	29	0.1476	21	0.1964	BLOCK 4		4	0.1389	33	0.1664	25	0.2529
1	0.1737	30	0.1478	22	0.1705	LOT	AC.	5	0.1389	34	0.1389	26	0.1741
2	0.1515	31	0.1430	23	0.1922	1	0.1536	6	0.1407	35	0.1570	27	0.2084
3	0.1532	32	0.1446	24	0.1823	2	0.1326	7	0.1476	BLOCK 6		28	0.1879
4	0.1591	33	0.1643	25	0.1522	3	0.1326	8	0.1397	LOT	AC.	29	0.1807
5	0.1686	BLOCK 3		26	0.1703	4	0.1326	9	0.1389	1	0.2063	30	0.1651
6	0.2229	LOT	AC.	27	0.1351	5	0.1326	10	0.2284	2	0.1735	31	0.1549
7	0.1963	1	0.1472	28	0.1676	6	0.1326	11	0.2424	3	0.2219	32	0.1622
8	0.1923	2	0.1263	29	0.2350	7	0.1326	12	0.1884	4	0.3138	33	0.2119
9	0.1551	3	0.1263	30	0.1760	8	0.1326	13	0.1980	5	0.2010	34	0.1528
10	0.1551	4	0.1263	31	0.1853	9	0.1839	14	0.1662	6	0.2076	35	0.1629
11	0.1551	5	0.1263	32	0.1905	10	0.1728	15	0.1449	7	0.1823	36	0.1666
12	0.1729	6	0.1263	33	0.1751	11	0.1694	16	0.1636	8	0.1552	37	0.1642
												38	0.1630
												39	0.1630
												40	0.1588
												41	0.1899

TANGENT TABLE		
NO.	BEARING	DIST.
T1	S89°47'18"E	110.00'
T2	S89°47'18"E	45.00'
T3	S60°49'03"W	45.00'
T4	N38°52'33"E	25.00'
T5	S42°28'18"W	50.00'
T6	S42°28'18"W	32.23'
T7	S78°00'00"W	92.30'
T8	N12°00'00"W	24.00'
T9	S14°40'39"W	72.28'
T10	S34°58'07"W	49.66'
T11	S19°47'44"E	10.00'
T12	N67°36'11"E	123.04'
T13	S22°23'49"E	24.00'
T14	S89°47'18"E	12.24'
T15	N12°42'09"W	53.36'
T16	N26°09'53"E	58.40'
T17	S46°14'43"W	56.68'
T18	N03°38'38"E	56.06'
T19	S34°42'37"E	46.25'
T20	N28°53'01"E	51.44'
T21	S53°50'56"E	41.92'
T22	S30°56'09"E	48.27'
T23	S62°43'10"E	71.43'
T24	S62°43'10"E	72.55'

CURVE TABLE							
NO.	RADIUS	ARC	DELTA	NO.	RADIUS	ARC	DELTA
C1	230.00'	256.91'	64°00'00"	C23	250.00'	38.49'	08°49'13"
C2	230.00'	117.81'	29°20'50"	C24	250.00'	137.11'	31°25'22"
C3	230.00'	139.10'	34°39'10"	C25	25.00'	39.27'	90°00'00"
C4	232.52'	105.32'	25°57'11"	C26	25.00'	39.29'	90°02'49"
C5	255.04'	115.53'	25°57'11"	C27	25.00'	21.34'	48°55'04"
C6	230.00'	426.74'	106°18'25"	C28	25.00'	34.34'	78°42'33"
C7	230.00'	131.31'	32°42'40"	C29	25.00'	35.74'	81°55'15"
C8	230.00'	295.43'	73°35'45"	C30	30.00'	47.12'	90°00'00"
C9	120.00'	74.41'	35°31'42"	C31	25.00'	40.41'	92°37'21"
C10	350.00'	99.61'	16°18'25"	C32	25.00'	27.15'	62°12'44"
C11	230.00'	249.71'	62°12'17"	C33	25.00'	38.21'	87°33'59"
C12	230.00'	239.89'	59°45'34"	C34	25.00'	45.33'	103°53'46"
C13	230.00'	354.15'	88°13'19"	C35	50.00'	52.66'	60°20'51"
C14	230.00'	204.55'	50°57'20"	C36	25.00'	36.59'	83°51'15"
C15	230.00'	149.60'	37°15'59"	C37	25.00'	36.80'	84°19'49"
C16	1127.52'	500.36'	25°25'34"	C38	25.00'	35.42'	81°10'47"
C17	1127.52'	334.03'	16°58'27"	C39	25.00'	31.28'	71°40'56"
C18	1127.52'	166.33'	08°27'07"	C40	25.00'	17.69'	40°32'09"
C19	75.00'	112.37'	85°50'52"	C41	25.00'	36.02'	82°52'28"
C20	75.00'	56.19'	42°55'26"	C42	25.00'	45.15'	103°28'30"
C21	250.00'	255.24'	58°29'52"	C43	25.00'	37.92'	86°54'05"
C22	250.00'	216.76'	49°40'39"				

MONUMENTATION LEGEND
○ SET NO. 5 REBAR W/CAP "L.S. 7270"
⊗ FOUND NO. 5 REBAR W/CAP "L.S. 4078"

SHEET 2 OF 4

DATE: OCT 1986	community sciences corporation
SCALE: 1" = 100'	
DESIGNED: MKS	
DRAWN: MKS	
JOB NO.: 73-47-025	LAND PLANNING ENGINEERING SURVEYING P.O. Box 1328 Corrales, N.M. 87048

VACATION AND SUBDIVISION PLAT FOR

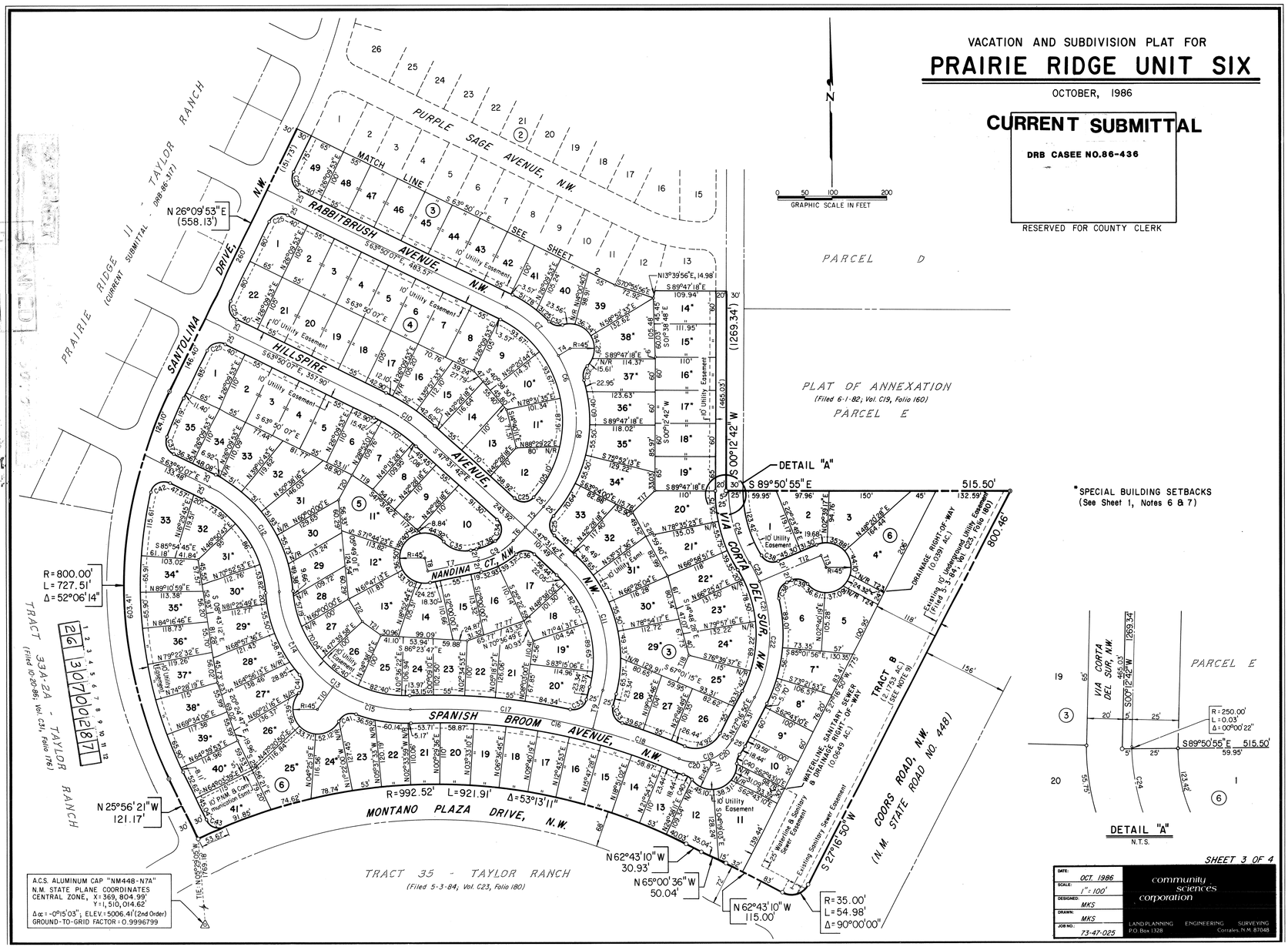
PRAIRIE RIDGE UNIT SIX

OCTOBER, 1986

CURRENT SUBMITTAL

DRB CASEE NO.86-436

RESERVED FOR COUNTY CLERK



SHEET 3 OF 4

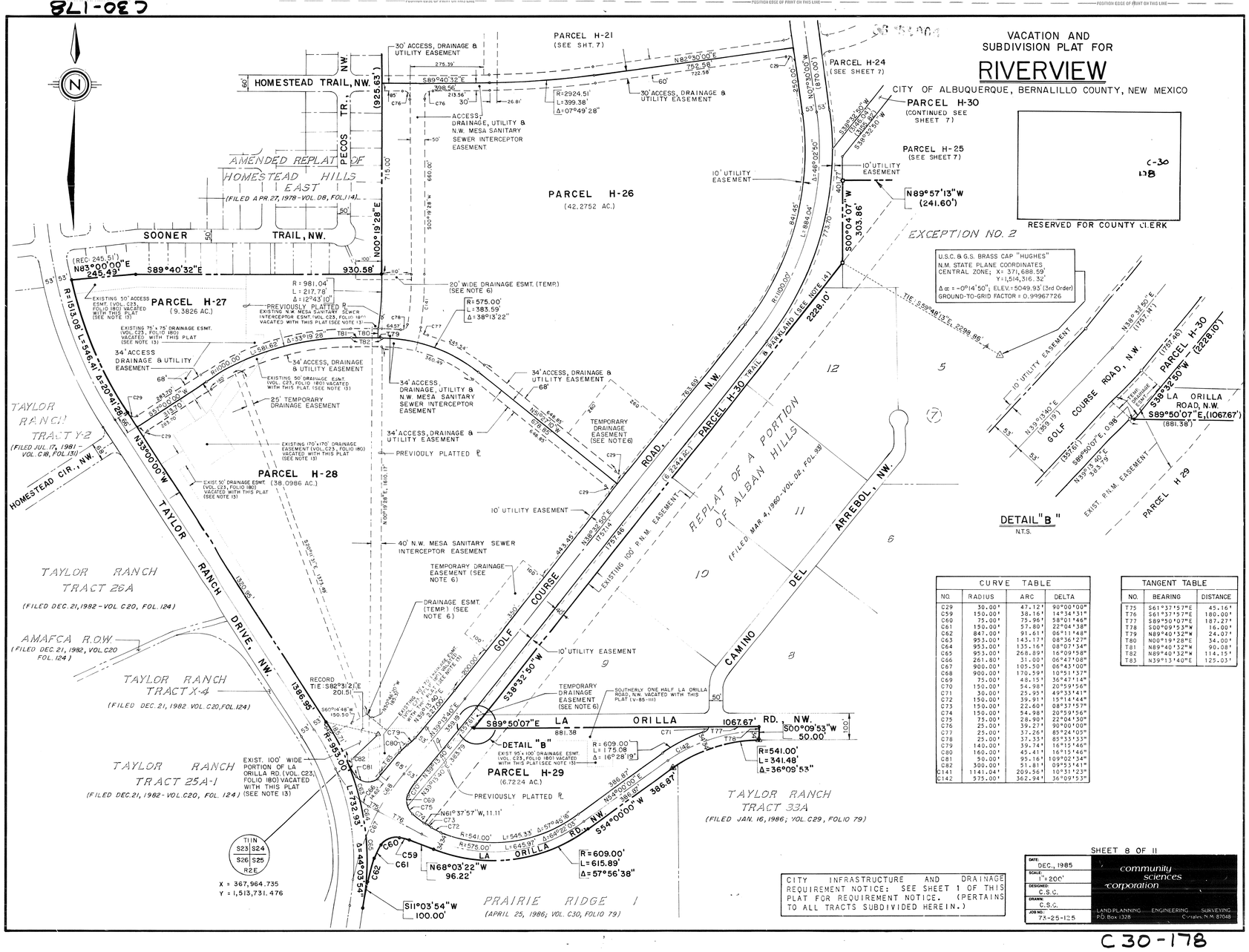
DATE: OCT 1986	community sciences corporation
SCALE: 1" = 100'	
DESIGNED: MKS	
DRAWN: MKS	
JOB NO.: 73-47-025	LAND PLANNING ENGINEERING SURVEYING P.O. Box 1328 Corrales, N.M. 87048

C30-178

VACATION AND SUBDIVISION PLAT FOR

RIVERVIEW

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO



CURVE TABLE			
NO.	RADIUS	ARC	DELTA
C29	30.00'	47.12'	90°00'00"
C59	150.00'	38.16'	14°34'31"
C60	75.00'	75.96'	58°01'46"
C61	150.00'	57.80'	22°04'38"
C62	847.00'	91.61'	06°11'48"
C63	953.00'	143.17'	08°36'27"
C64	953.00'	135.16'	08°07'34"
C65	953.00'	268.89'	16°09'58"
C66	261.00'	31.00'	06°47'08"
C67	900.00'	105.50'	06°43'00"
C68	900.00'	170.59'	10°51'37"
C69	75.00'	48.15'	36°47'14"
C70	150.00'	54.98'	20°59'56"
C71	30.00'	25.99'	49°33'41"
C72	150.00'	39.91'	15°14'44"
C73	150.00'	22.60'	08°37'57"
C74	150.00'	54.98'	20°59'56"
C75	75.00'	28.90'	22°06'30"
C76	25.00'	39.27'	90°00'00"
C77	25.00'	37.26'	85°24'05"
C78	25.00'	37.33'	85°33'33"
C79	140.00'	39.74'	16°15'46"
C80	160.00'	45.41'	16°15'46"
C81	50.00'	95.16'	109°02'34"
C82	300.00'	51.81'	09°53'41"
C141	1141.04'	209.56'	10°31'23"
C142	575.00'	362.94'	36°09'53"

TANGENT TABLE		
NO.	BEARING	DISTANCE
T75	S61°37'57"E	45.16'
T76	S61°37'57"E	180.00'
T77	S89°50'07"E	187.27'
T78	S00°09'53"W	16.00'
T79	N89°40'32"W	24.07'
T80	N00°19'28"E	34.00'
T81	N89°40'32"W	90.08'
T82	N89°40'32"W	114.15'
T83	N39°13'40"E	125.03'

CITY INFRASTRUCTURE AND DRAINAGE REQUIREMENT NOTICE: SEE SHEET 1 OF THIS PLAT FOR REQUIREMENT NOTICE. (PERTAINS TO ALL TRACTS SUBDIVIDED HEREIN.)

SHEET 8 OF 11

DATE: DEC., 1985
SCALE: 1"=200'
DESIGNED: C.S.C.
DRAWN: C.S.C.
JOB NO.: 73-25-125

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

C 30-178

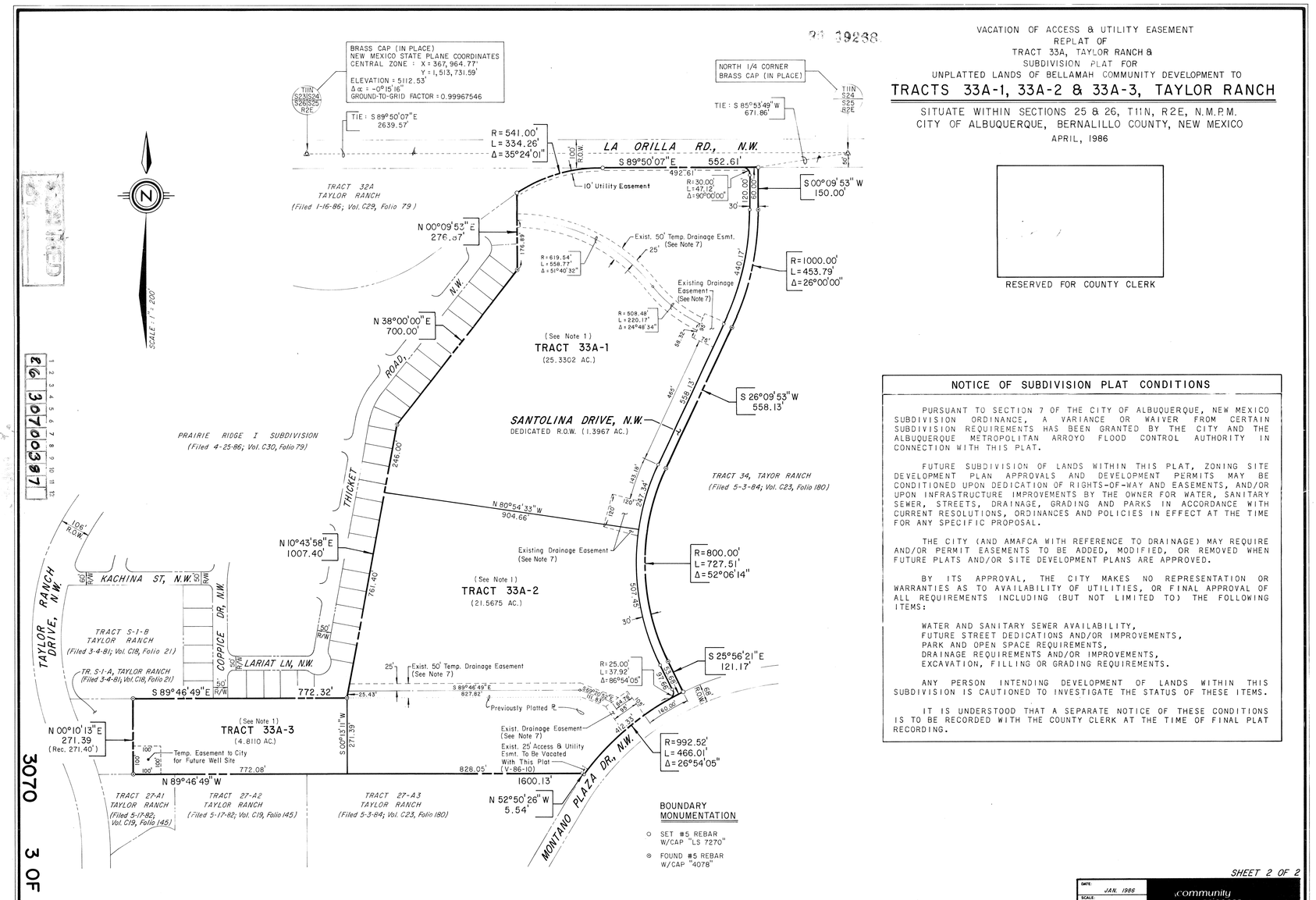
24 39238

VACATION OF ACCESS & UTILITY EASEMENT
REPLAT OF
TRACT 33A, TAYLOR RANCH &
SUBDIVISION PLAT FOR
UNPLATTED LANDS OF BELLAMAH COMMUNITY DEVELOPMENT TO

TRACTS 33A-1, 33A-2 & 33A-3, TAYLOR RANCH

SITUATE WITHIN SECTIONS 25 & 26, T11N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
APRIL, 1986

RESERVED FOR COUNTY CLERK



NOTICE OF SUBDIVISION PLAT CONDITIONS

PURSUANT TO SECTION 7 OF THE CITY OF ALBUQUERQUE, NEW MEXICO SUBDIVISION ORDINANCE, A VARIANCE OR WAIVER FROM CERTAIN SUBDIVISION REQUIREMENTS HAS BEEN GRANTED BY THE CITY AND THE ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY IN CONNECTION WITH THIS PLAT.

FUTURE SUBDIVISION OF LANDS WITHIN THIS PLAT, ZONING SITE DEVELOPMENT PLAN APPROVALS AND DEVELOPMENT PERMITS MAY BE CONDITIONED UPON DEDICATION OF RIGHTS-OF-WAY AND EASEMENTS, AND/OR UPON INFRASTRUCTURE IMPROVEMENTS BY THE OWNER FOR WATER, SANITARY SEWER, STREETS, DRAINAGE, GRADING AND PARKS IN ACCORDANCE WITH CURRENT RESOLUTIONS, ORDINANCES AND POLICIES IN EFFECT AT THE TIME FOR ANY SPECIFIC PROPOSAL.

THE CITY (AND AMAFCA WITH REFERENCE TO DRAINAGE) MAY REQUIRE AND/OR PERMIT EASEMENTS TO BE ADDED, MODIFIED, OR REMOVED WHEN FUTURE PLATS AND/OR SITE DEVELOPMENT PLANS ARE APPROVED.

BY ITS APPROVAL, THE CITY MAKES NO REPRESENTATION OR WARRANTIES AS TO AVAILABILITY OF UTILITIES, OR FINAL APPROVAL OF ALL REQUIREMENTS INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING ITEMS:

WATER AND SANITARY SEWER AVAILABILITY,
FUTURE STREET DEDICATIONS AND/OR IMPROVEMENTS,
PARK AND OPEN SPACE REQUIREMENTS,
DRAINAGE REQUIREMENTS AND/OR IMPROVEMENTS,
EXCAVATION, FILLING OR GRADING REQUIREMENTS.

ANY PERSON INTENDING DEVELOPMENT OF LANDS WITHIN THIS SUBDIVISION IS CAUTIONED TO INVESTIGATE THE STATUS OF THESE ITEMS.

IT IS UNDERSTOOD THAT A SEPARATE NOTICE OF THESE CONDITIONS IS TO BE RECORDED WITH THE COUNTY CLERK AT THE TIME OF FINAL PLAT RECORDING.

SHEET 2 OF 2

DATE: JAN. 1986
SCALE: 1"=200'
DESIGNED: MKS
DRAWN: MKS
JOB NO.: 73-34-025

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

3070 3 OF 13

C30-88

*CORRECTED
SUMMARY PLAT FOR

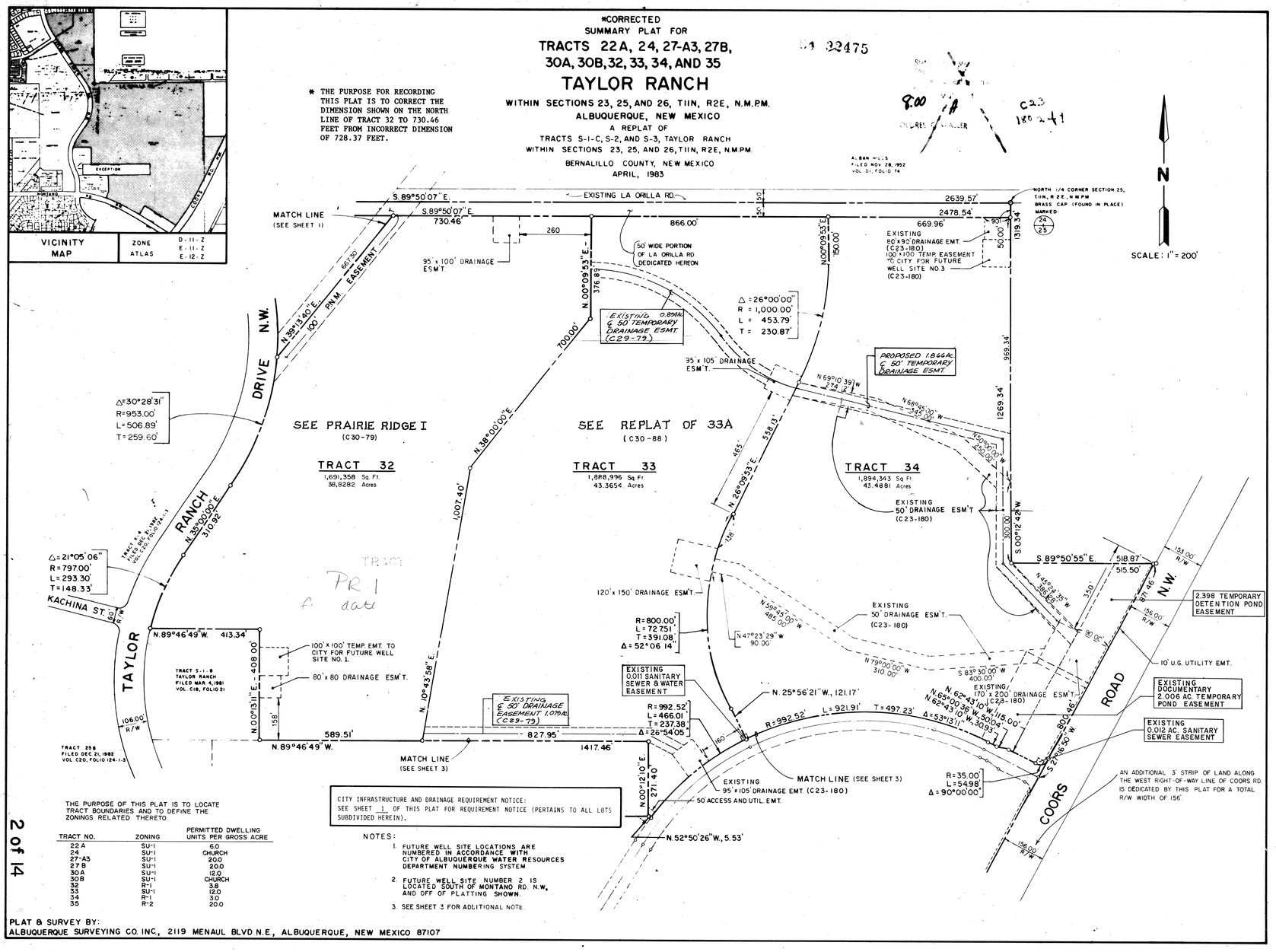
TRACTS 22A, 24, 27-A3, 27B, 30A, 30B, 32, 33, 34, AND 35
TAYLOR RANCH

WITHIN SECTIONS 23, 25, AND 26, T11N, R2E, N.M.P.M.
ALBUQUERQUE, NEW MEXICO
A REPLAT OF
TRACTS S-1-C, S-2, AND S-3, TAYLOR RANCH
WITHIN SECTIONS 23, 25, AND 26, T11N, R2E, N.M.P.M.
BERNALILLO COUNTY, NEW MEXICO
APRIL, 1983

* THE PURPOSE FOR RECORDING THIS PLAT IS TO CORRECT THE DIMENSION SHOWN ON THE NORTH LINE OF TRACT 32 TO 730.46 FEET FROM INCORRECT DIMENSION OF 728.37 FEET.

VICINITY MAP

ZONE ATLAS	D-11-Z E-11-Z E-12-Z



THE PURPOSE OF THIS PLAT IS TO LOCATE TRACT BOUNDARIES AND TO DEFINE THE ZONINGS RELATED THERETO.

TRACT NO.	ZONING	PERMITTED DWELLING UNITS PER GROSS ACRE
22 A	SU-1	6.0
24	SU-1	CHURCH
27-A3	SU-1	20.0
27 B	SU-1	20.0
30 A	SU-1	12.0
30 B	SU-1	CHURCH
32	R-1	3.8
33	SU-1	12.0
34	R-1	3.0
35	R-2	20.0

CITY INFRASTRUCTURE AND DRAINAGE REQUIREMENT NOTICE:
SEE SHEET 1 OF THIS PLAT FOR REQUIREMENT NOTICE (PERTAINS TO ALL LOTS SUBDIVIDED HEREIN).

NOTES:

1. FUTURE WELL SITE LOCATIONS ARE NUMBERED IN ACCORDANCE WITH CITY OF ALBUQUERQUE WATER RESOURCES DEPARTMENT NUMBERING SYSTEM.
2. FUTURE WELL SITE NUMBER 2 IS LOCATED SOUTH OF MONTANO RD. N.W. AND OFF OF PLATTING SHOWN.
3. SEE SHEET 3 FOR ADDITIONAL NOTE.

PLAT & SURVEY BY:
ALBUQUERQUE SURVEYING CO. INC., 2119 MENAUL BLVD N.E., ALBUQUERQUE, NEW MEXICO 87107

2 of 14

SHEET 2 OF 4

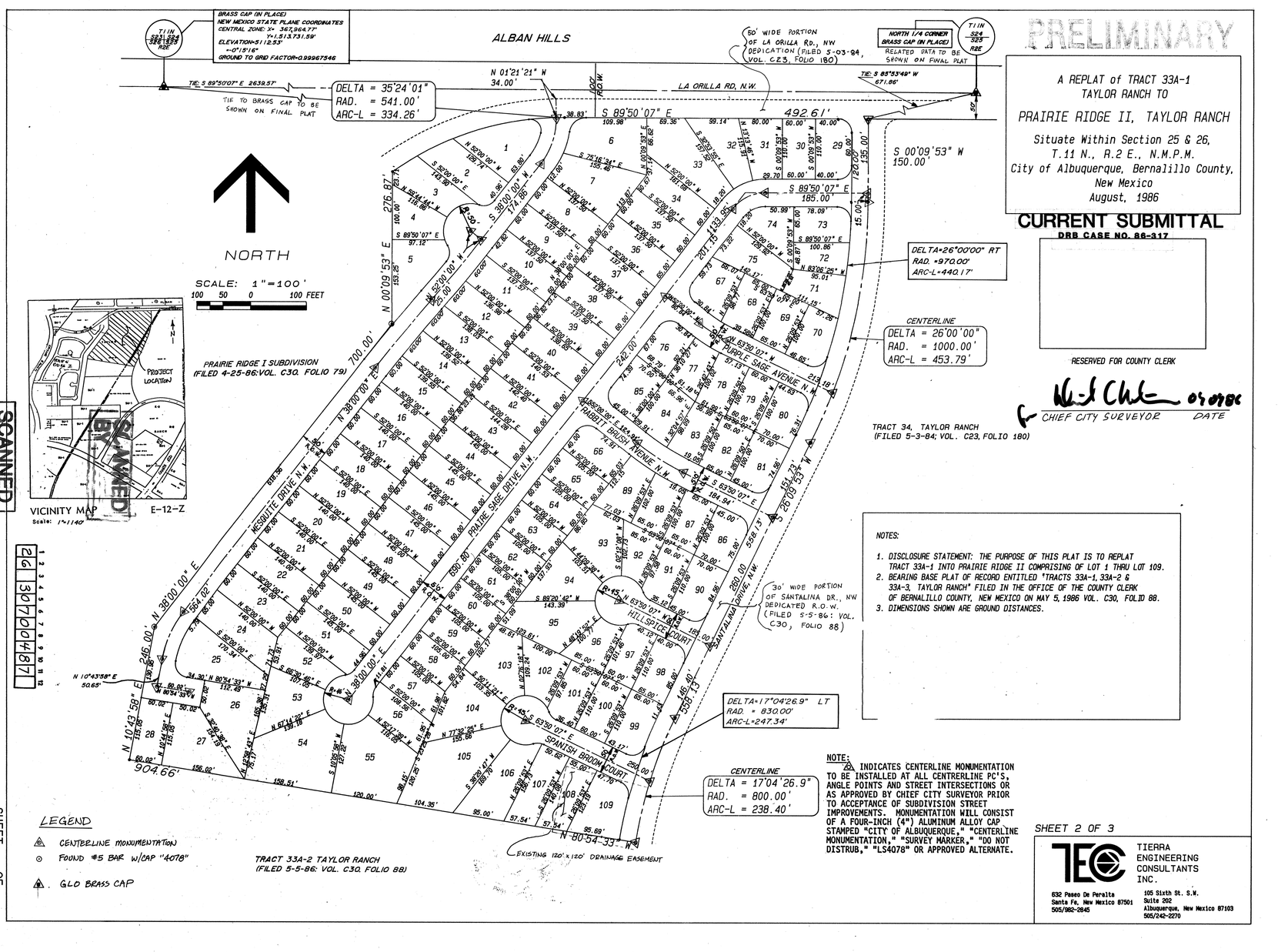
PRELIMINARY

A REPLAT of TRACT 33A-1
TAYLOR RANCH TO
PRAIRIE RIDGE II, TAYLOR RANCH
Situate Within Section 25 & 26,
T.11 N., R.2 E., N.M.P.M.
City of Albuquerque, Bernalillo County,
New Mexico
August, 1986

CURRENT SUBMITTAL
DRB CASE NO. 86-317

RESERVED FOR COUNTY CLERK

CHIEF CITY SURVEYOR — DATE



NOTES:

1. DISCLOSURE STATEMENT: THE PURPOSE OF THIS PLAT IS TO REPLAT TRACT 33A-1 INTO PRAIRIE RIDGE II COMPRISING OF LOT 1 THRU LOT 109.
2. BEARING BASE PLAT OF RECORD ENTITLED "TRACTS 33A-1, 33A-2 & 33A-3, TAYLOR RANCH" FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON MAY 5, 1986 VOL. C30, FOLIO 88.
3. DIMENSIONS SHOWN ARE GROUND DISTANCES.

NOTE:
⚠ INDICATES CENTERLINE MONUMENTATION TO BE INSTALLED AT ALL CENTRERLINE PC'S, ANGLE POINTS AND STREET INTERSECTIONS OR AS APPROVED BY CHIEF CITY SURVEYOR PRIOR TO ACCEPTANCE OF SUBDIVISION STREET IMPROVEMENTS. MONUMENTATION WILL CONSIST OF A FOUR-INCH (4") ALUMINUM ALLOY CAP STAMPED "CITY OF ALBUQUERQUE," "CENTERLINE MONUMENTATION," "SURVEY MARKER," "DO NOT DISTRUB," "LS4078" OR APPROVED ALTERNATE.

LEGEND
⚠ CENTERLINE MONUMENTATION
⊙ FOUND #5 BAR W/CAP "4078"
⚠ GLO BRASS CAP

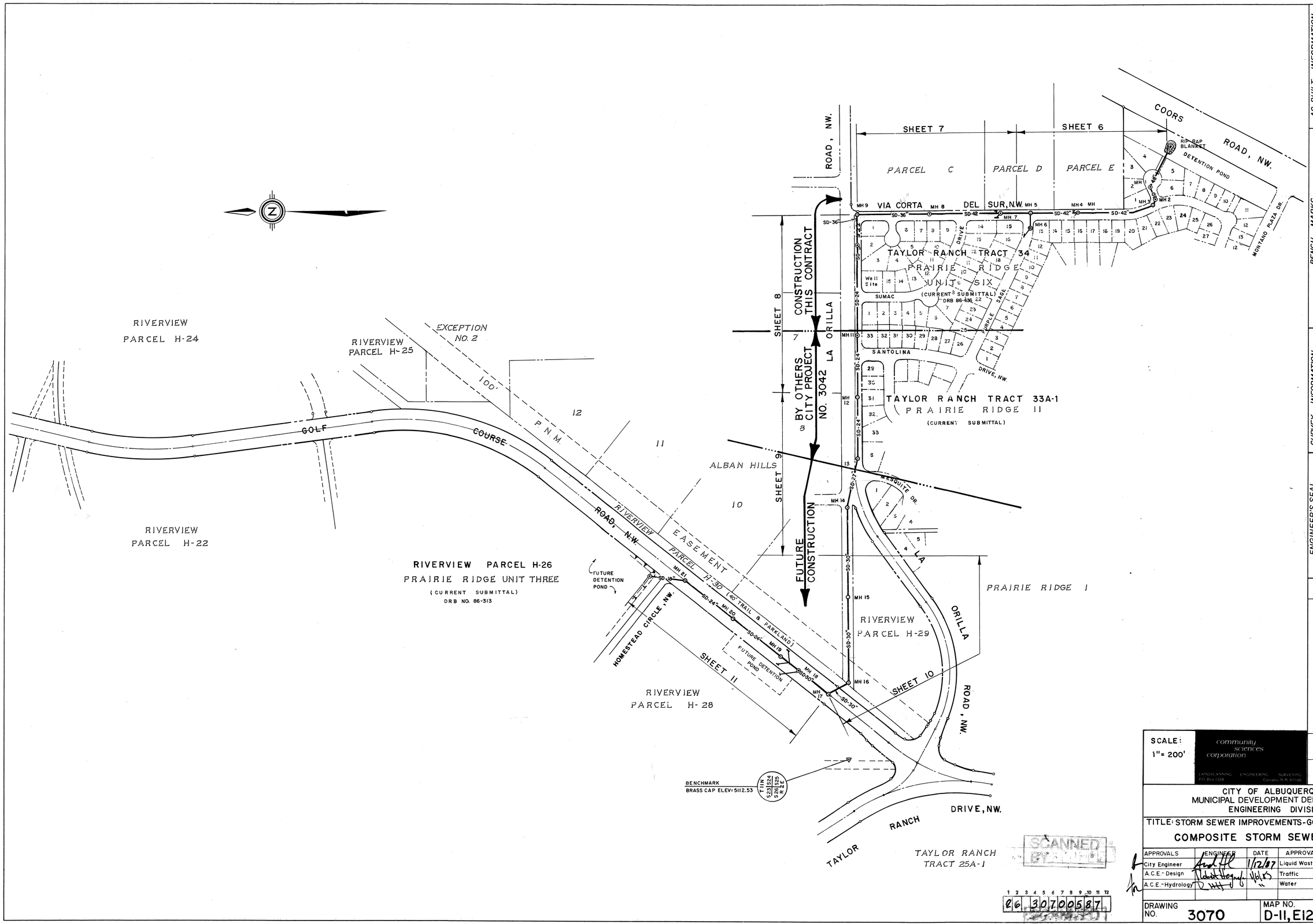
SHEET 2 OF 3

TIERRA ENGINEERING CONSULTANTS INC.
632 Paseo De Peralta, Santa Fe, New Mexico 87501, 505/982-2845
105 Sixth St. S.W., Suite 202, Albuquerque, New Mexico 87103, 505/242-2270

SCANNED BY

26 30700487

3070 SHEET 4 OF 13



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

A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

12/30/86

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

		DATE
DESIGNED BY		DATE
DRAWN BY		DATE
CHECKED BY		DATE

SCALE: 1" = 200'

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1309 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

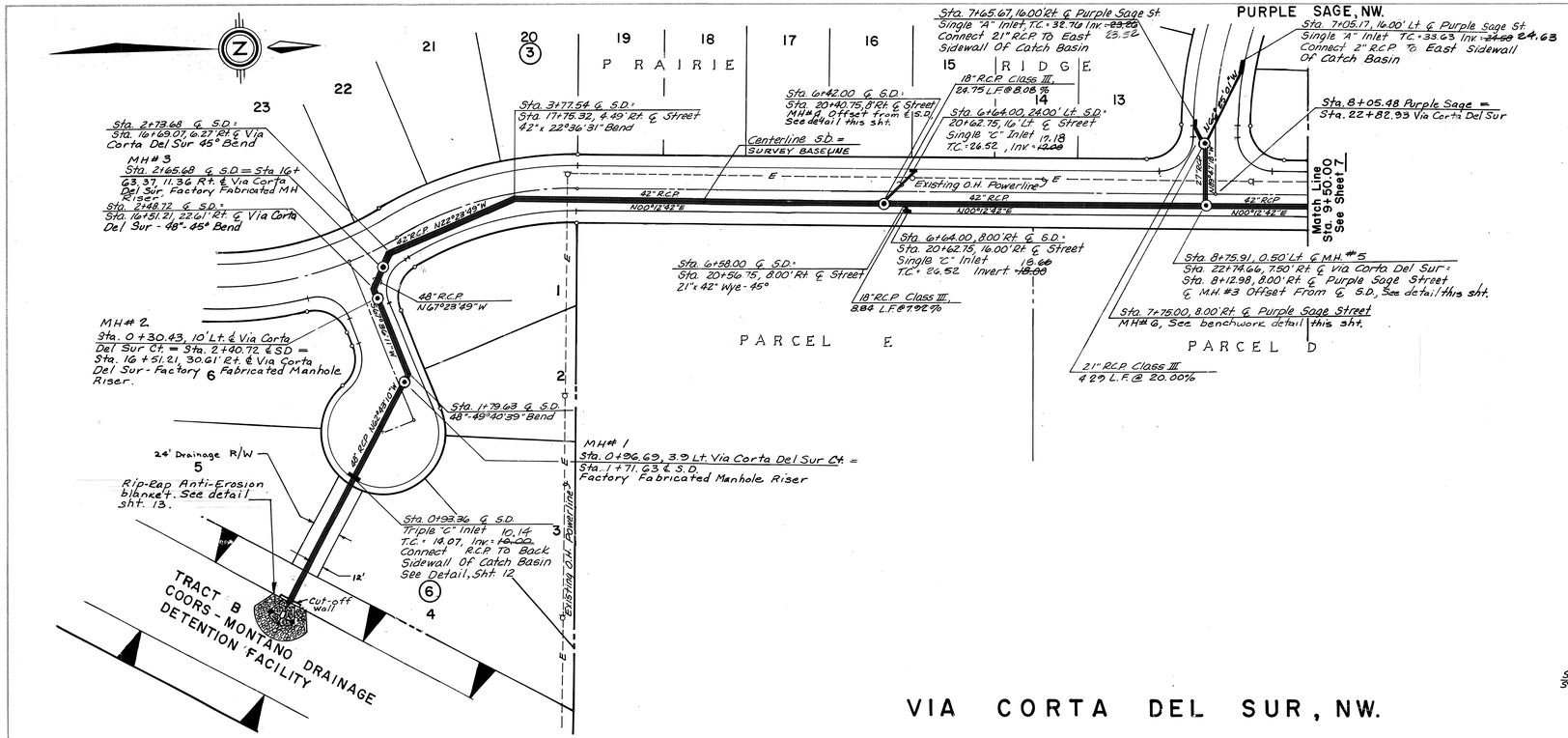
TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

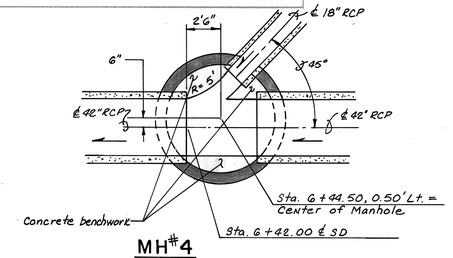
COMPOSITE STORM SEWER PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		1/12/87	Liquid Waste		12-3-86
A.C.E.-Design		1/6/87	Traffic		12-3-86
A.C.E.-Hydrology			Water		12-3-86

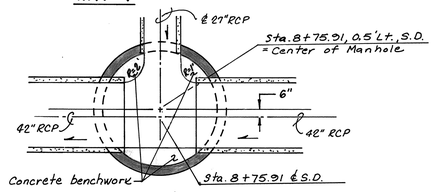
DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E12	5	13

1 2 3 4 5 6 7 8 9 10 11 12
06 3070058 7

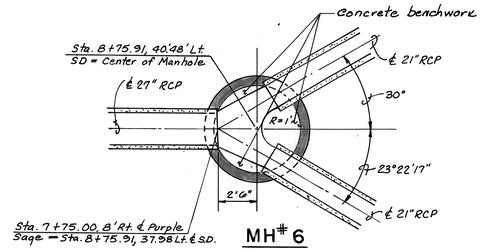




MH # 4



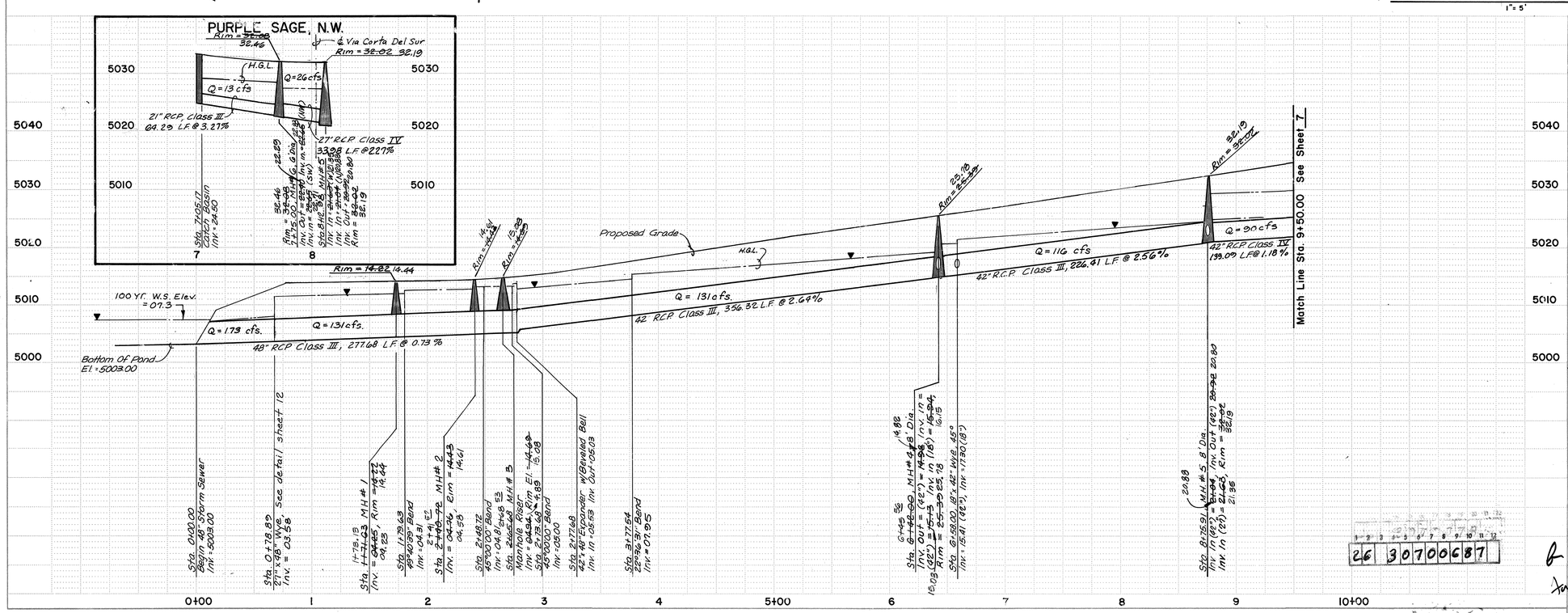
MH # 5



MH # 6

BENCHWORK DETAILS

1" = 5'



1" = 5'

1	2	3	4	5	6	7	8	9	10	11	12
26	3	0	7	0	0	6	8	7			

AS BUILT INFORMATION

CONTRACTOR COM
WORK STAKED BY EHSA DATE 8-7
INSPECTORS ACCEPTANCE DATE
FIELD VERIFICATION BY EHSA DATE 8-7
LAYOUT CHANGES CORRECTED BY EHSA DATE 8-7
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.-5,112.53

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made using information obtained by EHSA's field survey crew, the Contractor and City Inspector. The modifications conform to the minimum requirements for public improvements of the City of Albuquerque as per criteria set forth in the Development Process Manual Section 27.4 to the best of my knowledge and belief.

7-17-87
Date

Paul B. Bowler, P.E. 7282

PAUL B. BOWLER REGISTERED PROFESSIONAL ENGINEER 7282 NEW MEXICO

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY G.A. DATE October, 1986
DRAWN BY C.S.S. DATE October, 1986
CHECKED BY M.J.Y. DATE November, 1986

SCALE:
1" = 50' HOR.
1" = 10' VER.

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

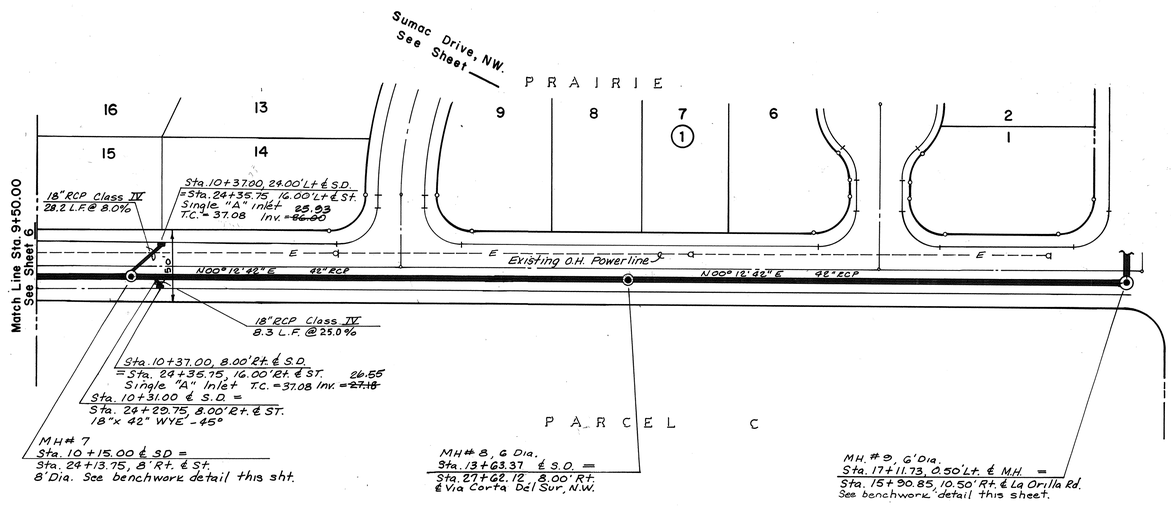
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

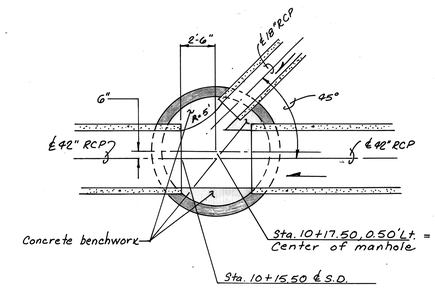
TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

FROM STA. 0+00.00 TO STA. 9+50.00

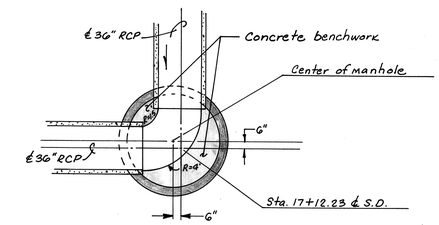
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		11/12/87			
A.C.E.-Design		1/6/87	Traffic		
A.C.E.-Hydrology			Water Utilities		12-3-86

DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E12	6	13





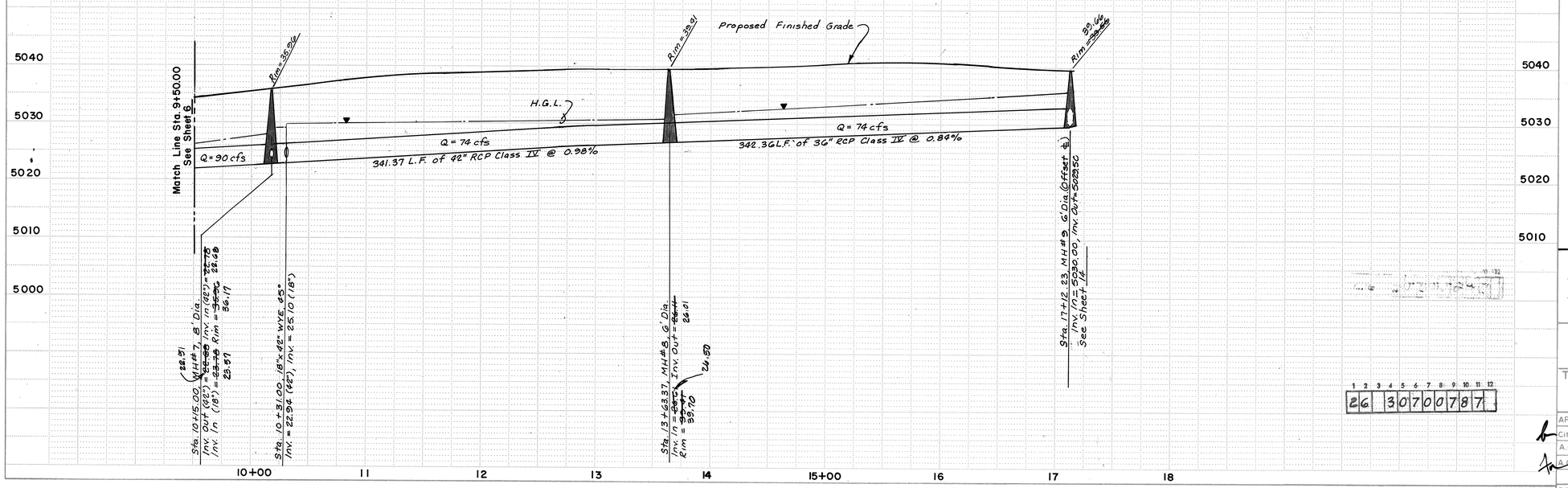
MH 7



MH 9

BENCHWORK DETAILS

VIA CORTA DEL SUR, NW.



RECORD DRAWING

This drawing was modified above public improvements as constructed. These modifications have been made using information and measurements obtained by EMRA's field survey crew, the Contractor and City Inspector. EMRA certifies that the modifications conform to the minimum requirements for record drawing criteria as required by the Albuquerque Development Process Manual Section 27.4 to the best of my knowledge and belief.

7-17-87
Date

T. BRASHEAR MEYERS, P.E. 7282

NEW MEXICO REGISTERED PROFESSIONAL ENGINEER No. 7282

SCALE:
1" = 50' HOR.
1" = 10' VER.

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA
FROM STA. 9+50.00 TO STA. 17+ 12.23

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		1/12/87			
A.C.E.-Design		1/6/87	Traffic	N A D W H	12/5/86
A.C.E.-Hydrology			Water Utilities	W/W	12-3-86

DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E-12	7	13

1 2 3 4 5 6 7 8 9 10 11 12
26 3070078 7

AS BUILT INFORMATION
CONTRACTOR CCM DATE 87
WORK STAKED BY EMRA DATE 87
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY EMRA DATE 87
DRAWING CORRECTED BY EMRA DATE 87
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

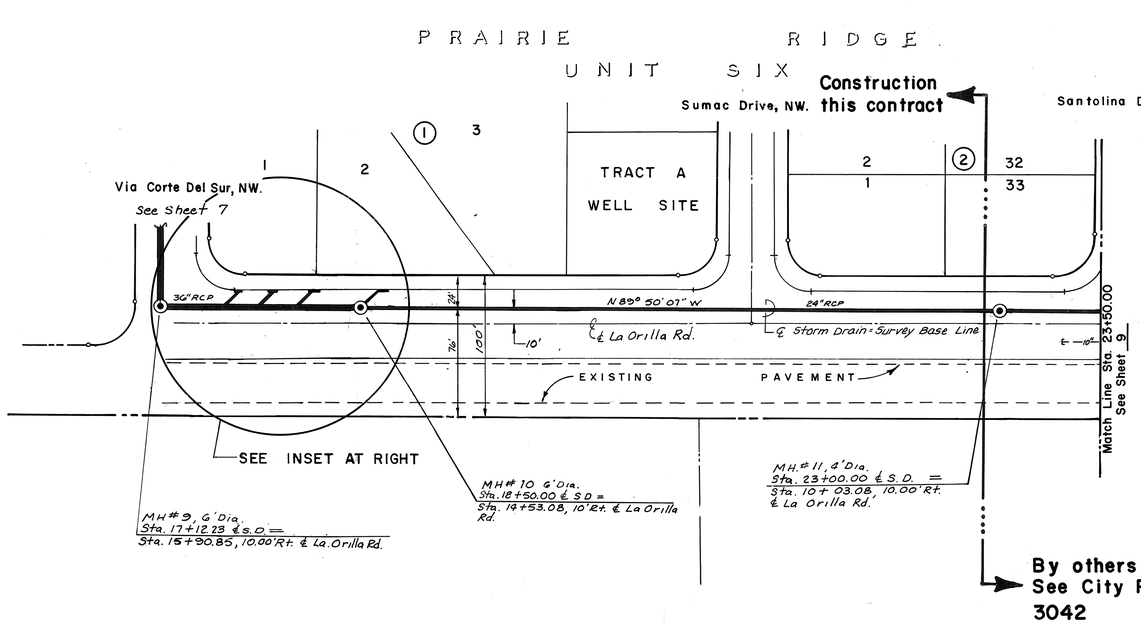
BENCH MARKS
A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53

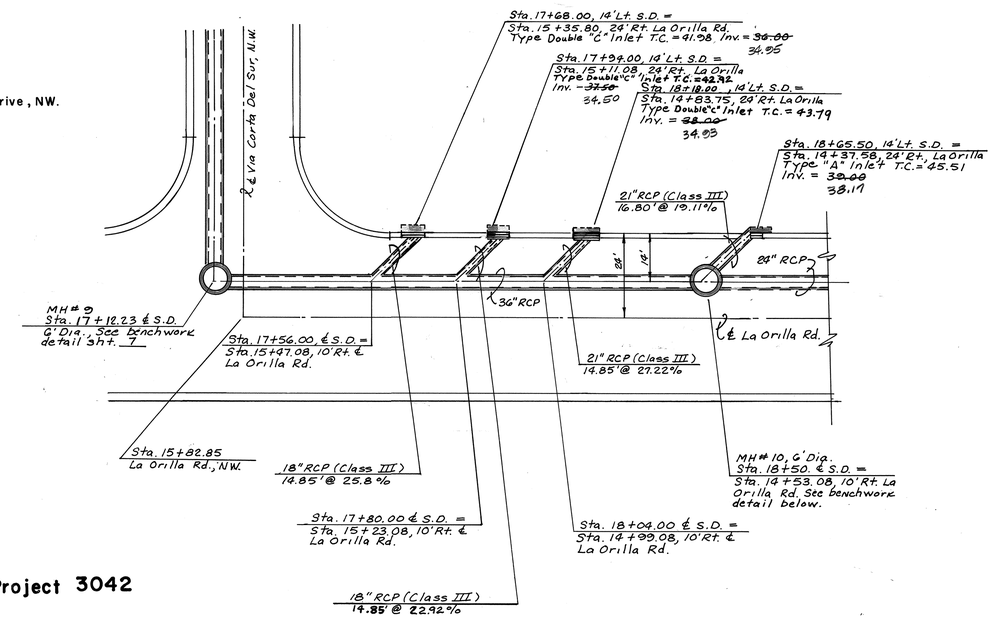
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
NEW MEXICO REGISTERED PROFESSIONAL ENGINEER
7-17-87

NO.	DATE	REMARKS	BY
		REVISIONS	

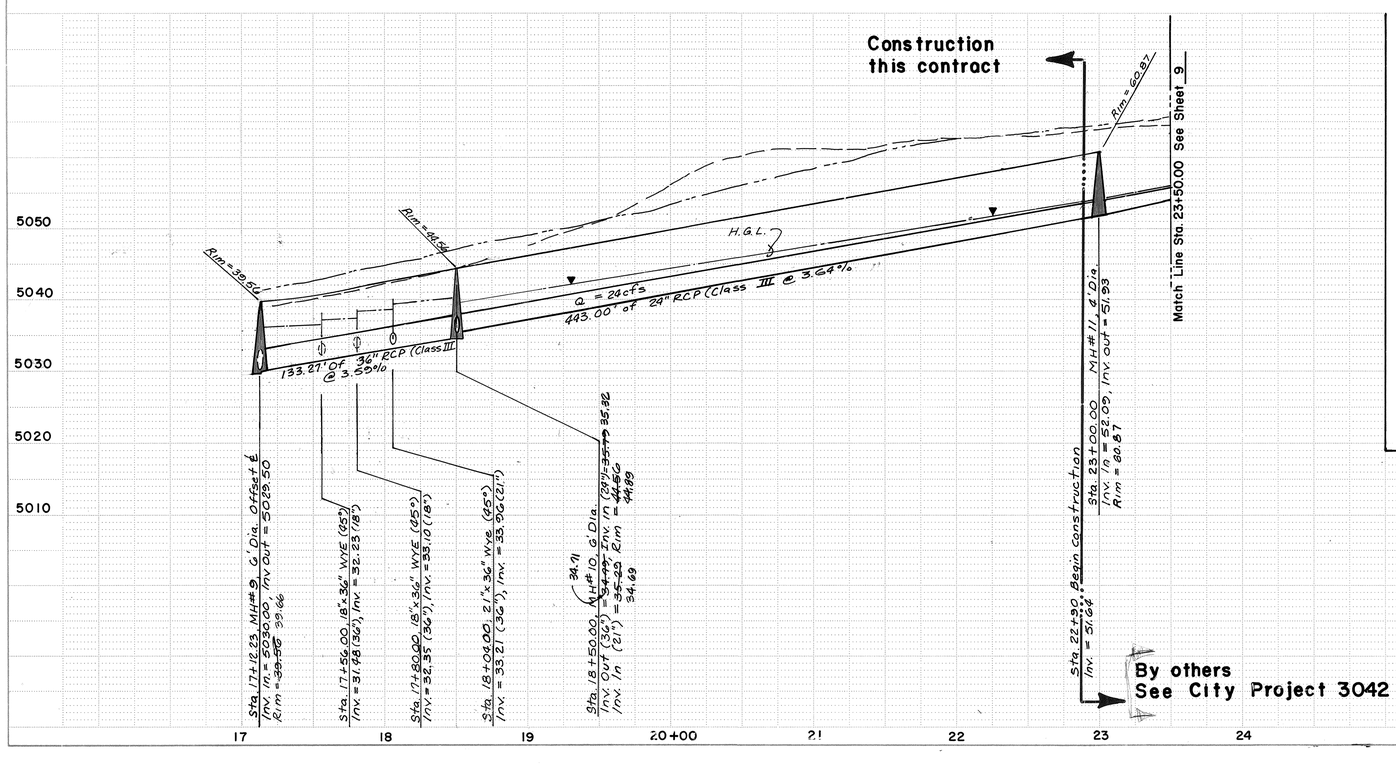
DESIGN
DESIGNED BY G.A. DATE October, 1986
DRAWN BY W.J.W. DATE October, 1986
CHECKED BY M.J.Y. DATE November, 1986

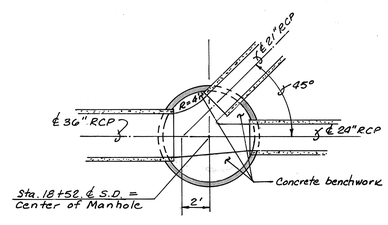




INSET

LA ORILLA ROAD, NW.





BENCHWORK DETAIL MH # 10

1" = 5'

RECORD DRAWING

This drawing as modified shows public improvements as constructed. These modifications have been made in information and measurements obtained by EHGA's field survey crews, Contractor and City Inspector. The modifications conform to the intent of the original design plans as required by the City of Albuquerque Development Process Manual Section 27.4 to the best of my ability.

7-17-87
Date

Paul Brumley
Paul Brumley Reg. P.E. 7282

SCALE:	community sciences corporation
1" = 50' HOR. 1" = 10' VERT.	LAND PLANNING ENGINEERING SURVEYING P.O. Box 1328 Corrales, N.M. 87048

26 30700887

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

FROM STA. 17+12.23 TO STA. 23+50.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		1/12/87			
A.C.E.-Design		1/6/87	Traffic	NA DWH	12/3/86
A.C.E.-Hydrology		"	Water Utilities	W/W	12-3-86

DRAWING NO.	MAP NO.	SHEET	OF
7070	D-11, E-12	8	13

AS BUILT INFORMATION
CONTRACTOR COM
WORK STAKED BY EHGA DATE 87
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY EHGA DATE 87
DRAWINGS CORRECTED BY EHGA DATE 87
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53

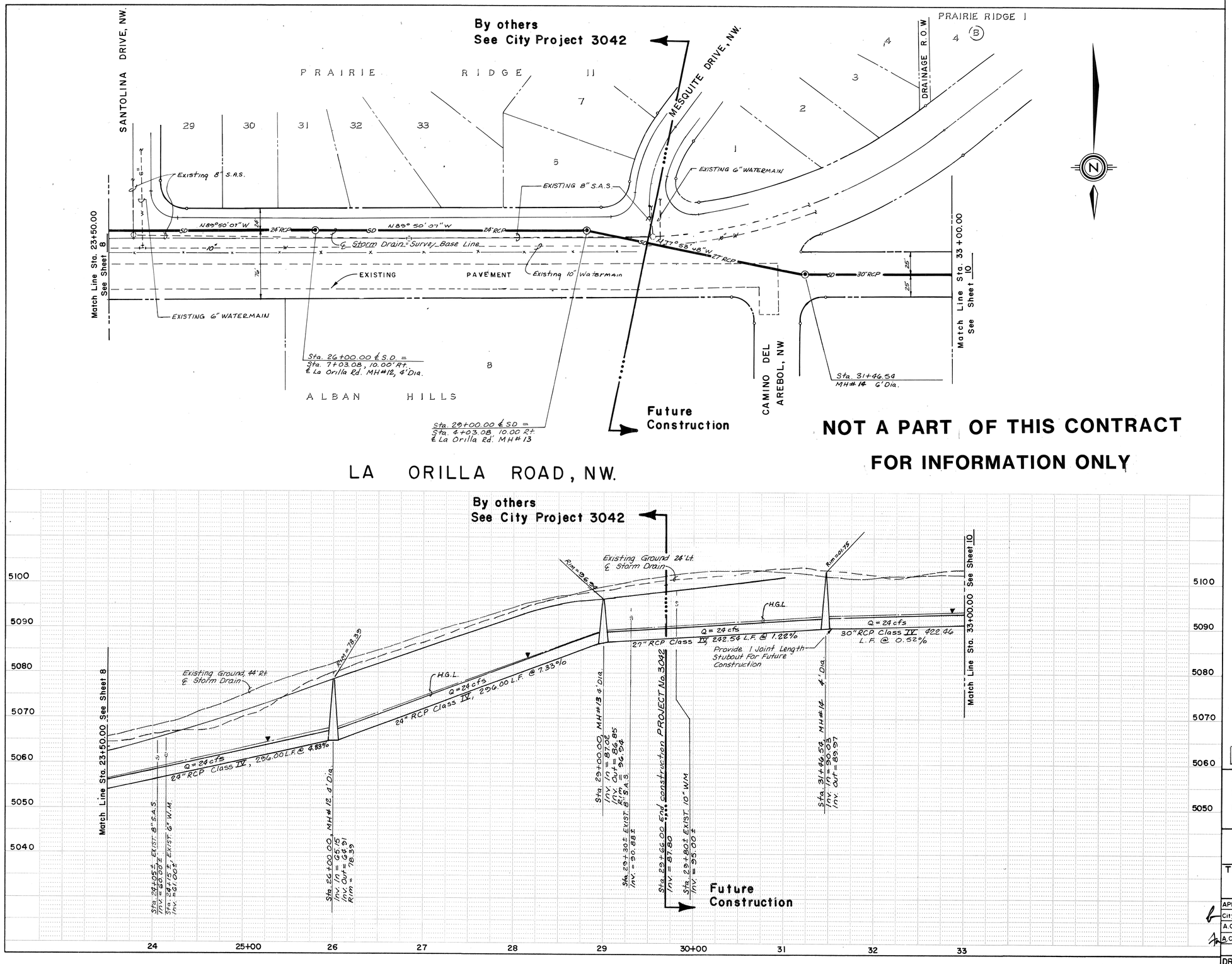
SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ENGINEER'S SEAL
MICHAEL JAMES WILSON
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
7-17-87

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY G.A. DATE October, 1986
DRAWN BY W.J.W. DATE October, 1986
CHECKED BY M.J.W. DATE November, 1986

SCANNED BY



SURVEY INFORMATION			
FIELD NOTES			
NO.	BY	DATE	

BENCH MARKS	
A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53	

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.	

ENGINEER'S SEAL

MICHAEL J. MINGES
NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
12/30/86

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN
DESIGNED BY G.A. DATE October, 1986
DRAWN BY W.J.W. DATE October, 1986
CHECKED BY M.J.V. DATE November, 1986

2 3 4 5 6 7 8 9 10 11 12
26 3070009 87

SCALE:
1" = 50' HOR.
1" = 10' VER.

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

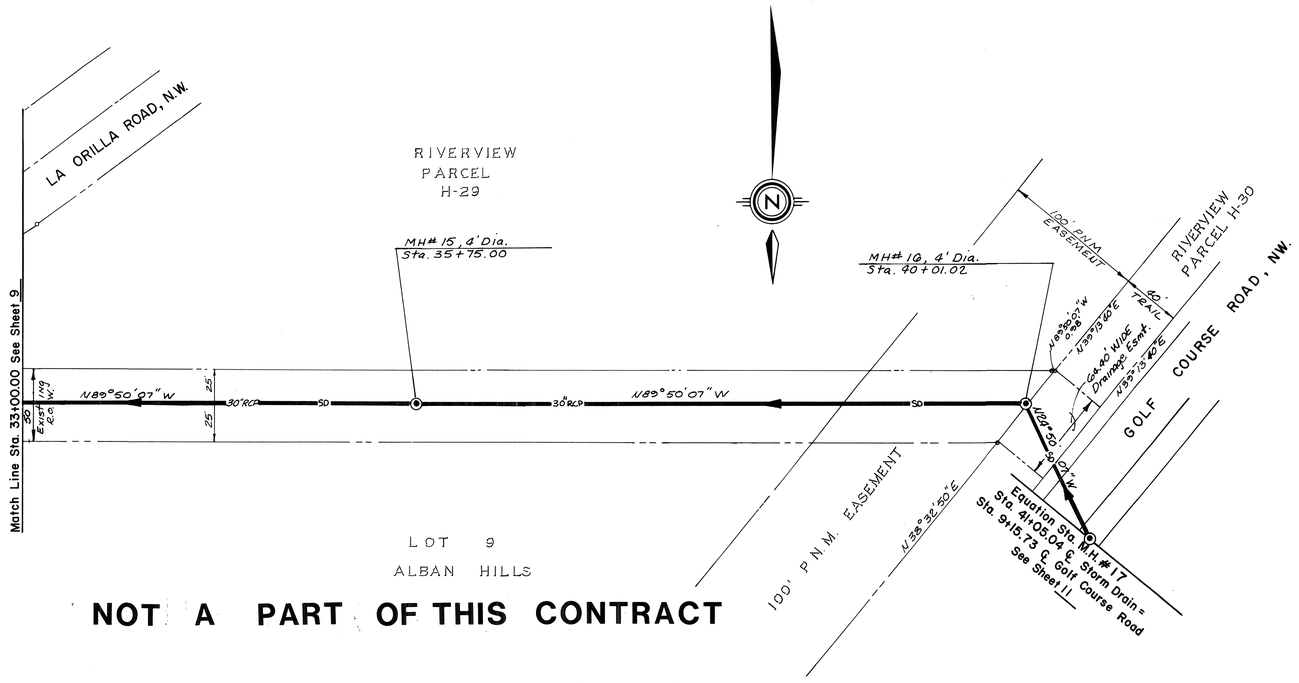
TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

FROM STA. 23+50.00 TO STA. 33+00.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		1/12/87			
A.C.E.-Design		1/4/87	Traffic	WADWH	12/3/86
A.C.E.-Hydrology		"	Water Utilities	WW	12-3-86

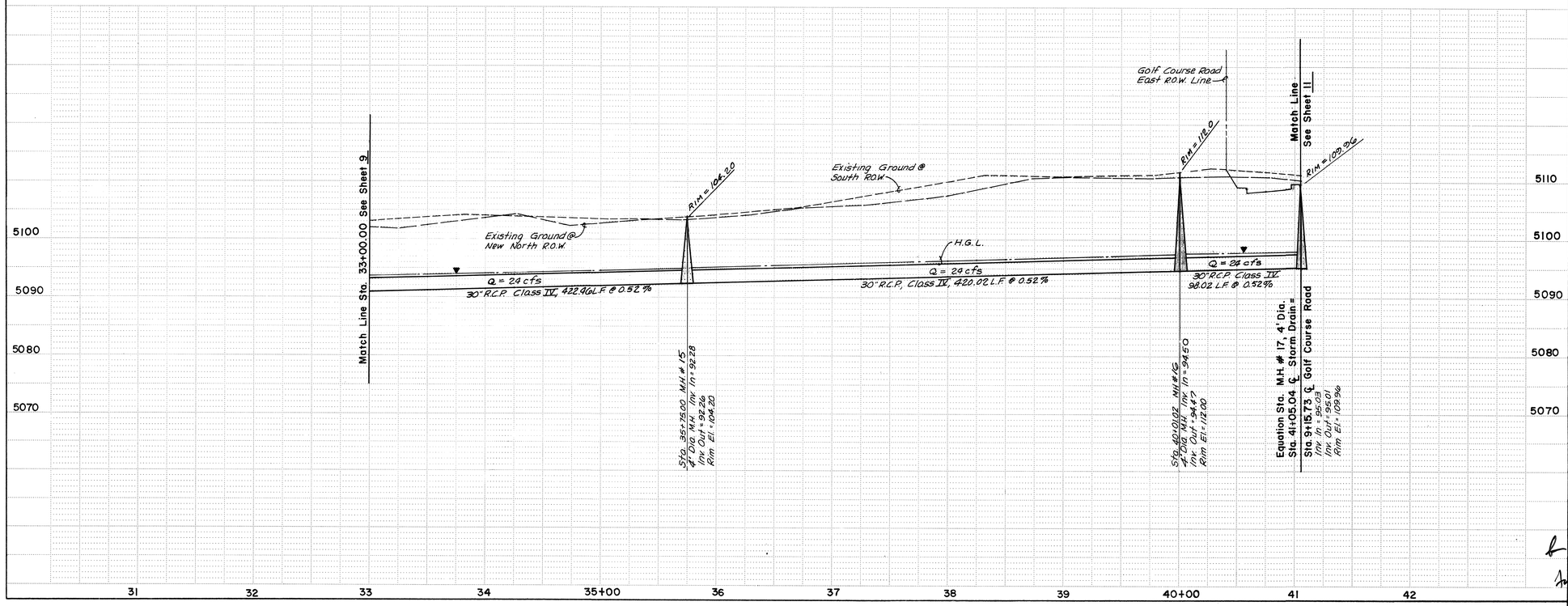
DRAWING NO.	MAP NO.	SHEET	OF
3070	DII-E12	9	13

SCANNED BY



NOT A PART OF THIS CONTRACT

FOR INFORMATION ONLY



SURVEY INFORMATION			
FIELD NOTES			
NO.	BY	DATE	

BENCH MARKS	
A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53	

AS BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	DATE
INSPECTORS FIELD CHANGE BY	DATE
VERIFICATION BY INSPECTOR	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

ENGINEER'S SEAL

MICHAEL J. TRUST — NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER — 12/03/86

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY G.A. DATE October, 1986

DRAWN BY W.L.W. DATE October, 1986

CHECKED BY M.J.T. DATE November, 1986

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

2 6 3 0 7 0 1 0 8 7

SCALE:
1" = 50' HORIZ.
1" = 10' VERT.

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Albuquerque, N.M. 87103

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

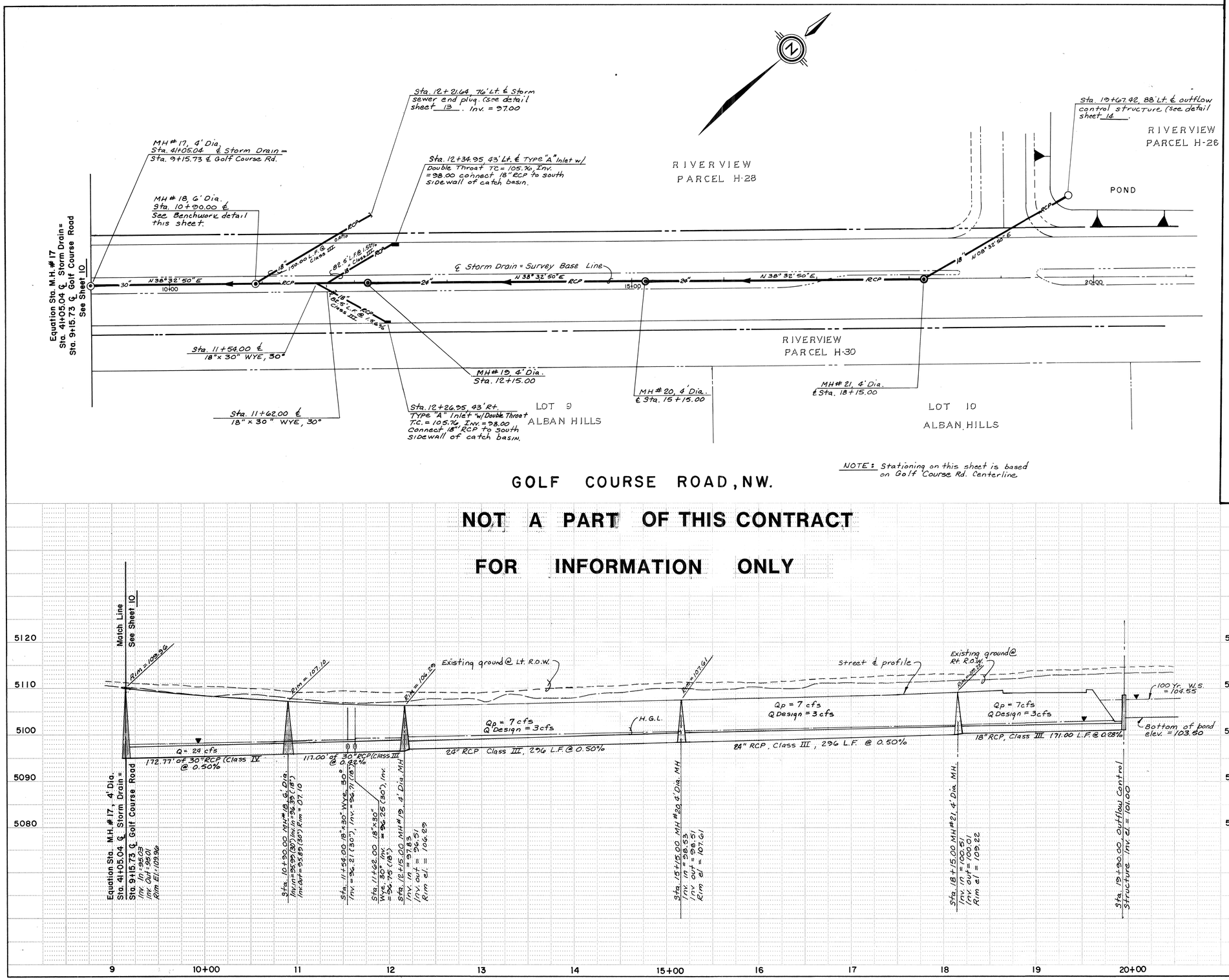
TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

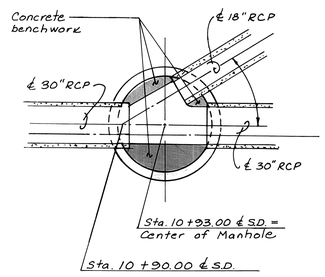
FROM STA. 33+00.00 TO EQUATION STA. 41+05.04

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/2/87			
A.C.E.-Design		12/4/87	Traffic	NAPW II	12/3/86
A.C.E.-Hydrology			Water Utilities	WW	12-3-86

DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E-12	10	13

SCANNED BY:





MH # 18

BENCHWORK DETAIL

NOT A PART OF THIS CONTRACT

FOR INFORMATION ONLY

AS BUILT INFORMATION

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

BENCH MARKS

A STANDARD ALBUQUERQUE, SECTION CORNER MONUMENT 1/2 1/2 INCH BRASS TABLETED IN SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV. = 5,112.53

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

MICHAEL J. MEYERS — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGN

DESIGNED BY G.A. — DATE October, 1986
DRAWN BY W.J.W. — DATE October, 1986
CHECKED BY M.J.Y. — DATE November, 1986

SCANNED BY

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

SCALE:
1" = 50' HORIZ.
1" = 10' VERT.

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

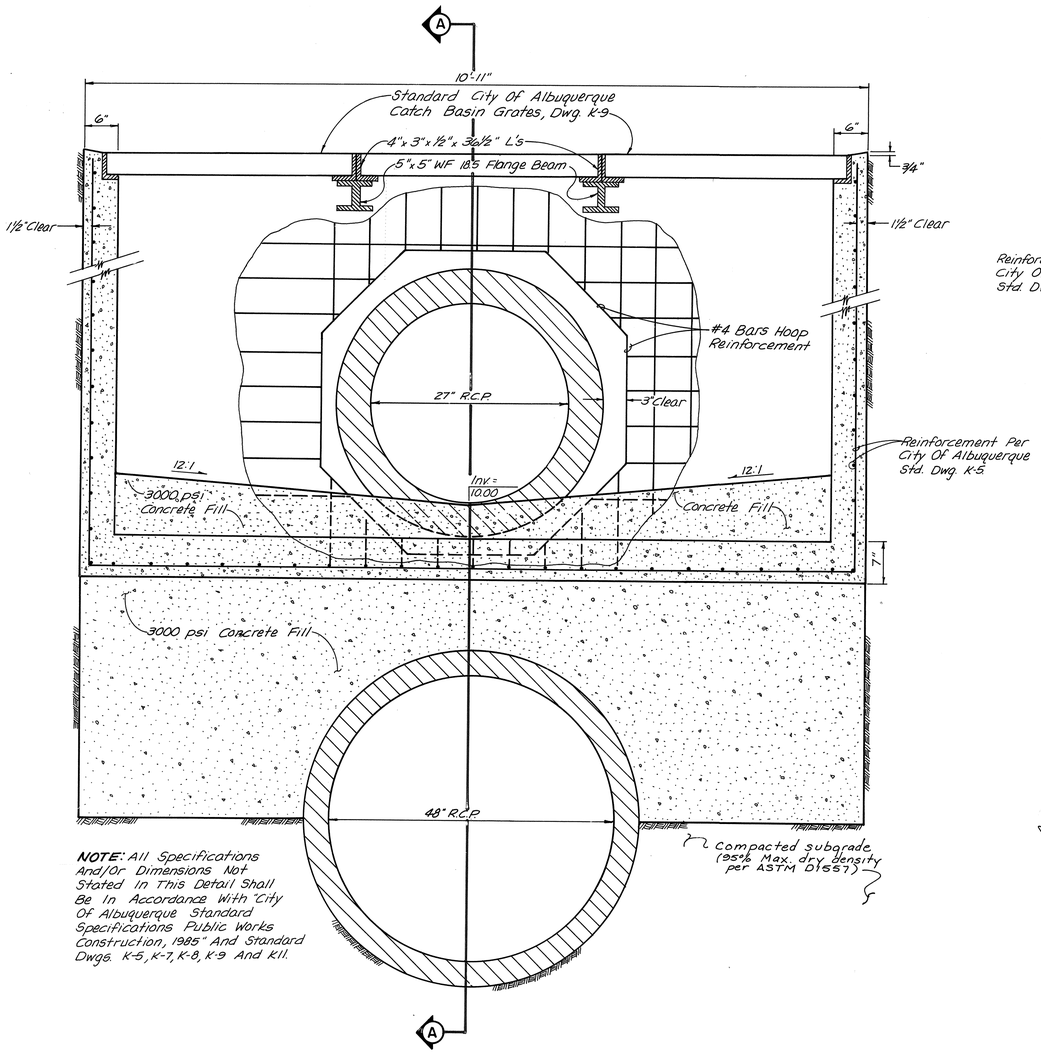
TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

FROM EQUATION STA. 9+15.73 TO STA. 19+90.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		1/12/87			
A.C.E. - Design		1/6/87	Traffic	NADWH	12/3/86
A.C.E. - Hydrology		"	Water Utilities		12-3-86

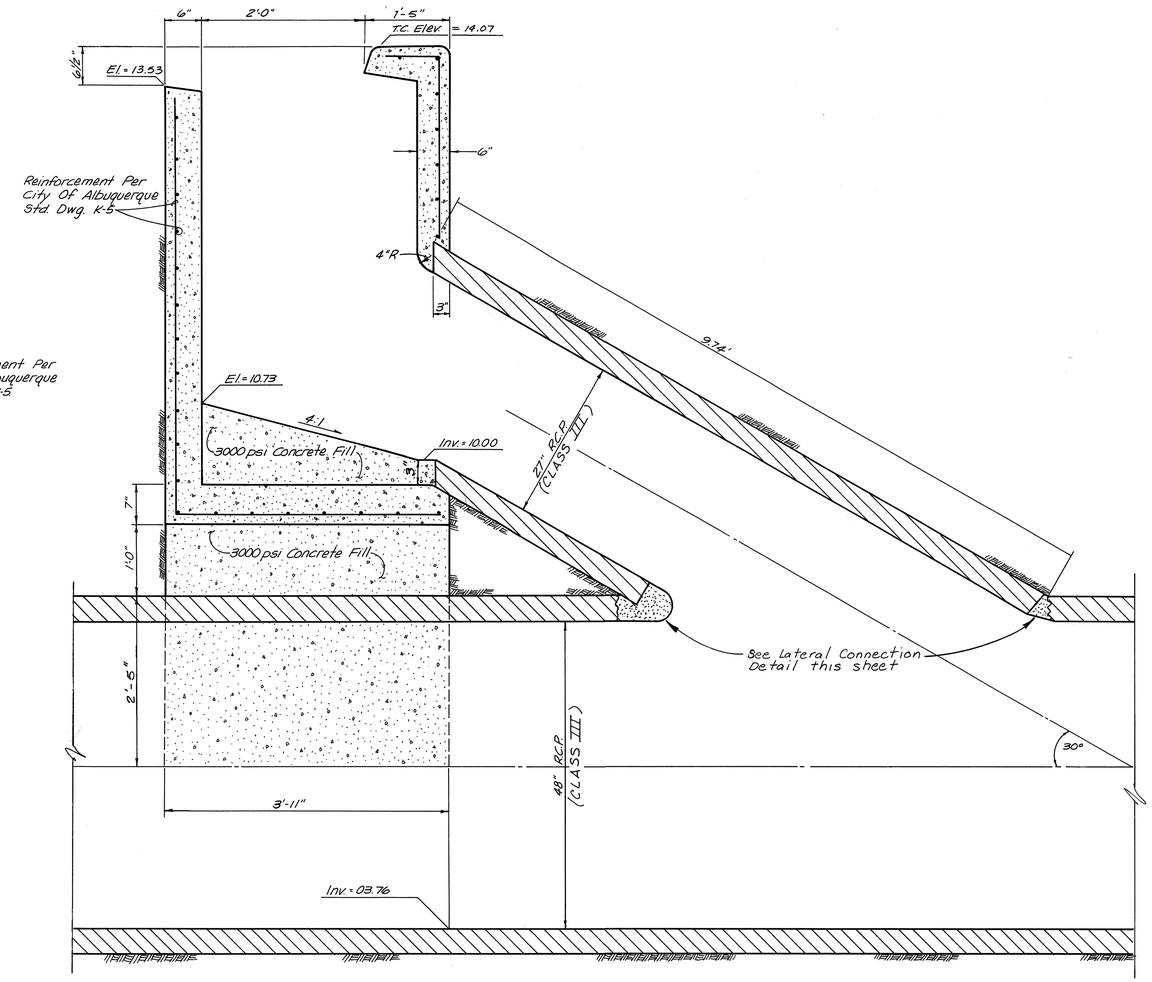
DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E-12	11	13

SCANNED BY



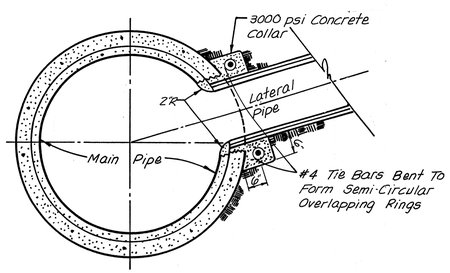
NOTE: All Specifications And/Or Dimensions Not Stated In This Detail Shall Be In Accordance With City Of Albuquerque Standard Specifications Public Works Construction, 1985" And Standard Dwgs. K-5, K-7, K-8, K-9 And K11.

FRONT VIEW
TRIPLE "C" INLET – SPECIAL DESIGN
N.T.S.



SECTION A
N.T.S.

NOTES:
1. Cut Circular Opening In Main Pipe With Chisel Tipped Jack Hammer To A Diameter 4" Wider Than O.D. Of Lateral. Expose Reinforcement In Both Pipes & Spot Weld Main Pipe Reinforcement To Lateral Reinforcement Then Fill All Voids With Concrete.
2. Laterals To Be Connected To Storm Sewer W/Field Fabricated Wye, See This Sheet For Detail. Contractor Shall Place 8' Lengths Of RCP Such That Lateral Connections Do Not Occur At Joints. Factory Fabricated Wye Connections Are An Acceptable Option.



LATERAL CONNECTION DETAIL
N.T.S.

SCANNED BY

1 2 3 4 5 6 7 8 9 10 11 12
26 3070 1287

SCALE: N.T.S.

community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: STORM SEWER IMPROVEMENTS-GOLF COURSE/LA ORILLA

DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		1/12/87			
A.C.E.-Design		1/6/87	Traffic		12/2/86
A.C.E.-Hydrology			Water Utilities		12-3-86

DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E-12	12	13

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
A STANDARD USGLO SECTION CORNER MONUMENT (2 1/2 INCH BRASS TABLET) FOR SECTIONS 23, 24, 25 AND 26, T11N, R2E, N.M.P.M. AND LOCATED APPROXIMATELY 310' DUE NORTH OF THE INTERSECTION OF GOLF COURSE ROAD N.W. AND TAYLOR RANCH DRIVE, N.W. WITHIN RIVERVIEW PARCEL H-28 ELEV.=5,112.53

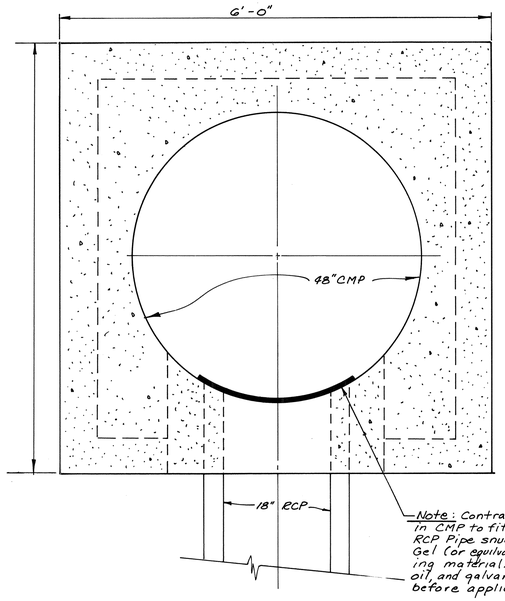
SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

ENGINEER'S SEAL
MICHAEL J. YOUNG NEW MEXICO 8985 REGISTERED PROFESSIONAL ENGINEER
12/30/86

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY M.J.Y.	DATE October, 1986
		DRAWN BY C.S.S.	DATE October, 1986
		CHECKED BY M.J.Y.	DATE November, 1986

SCANNED BY

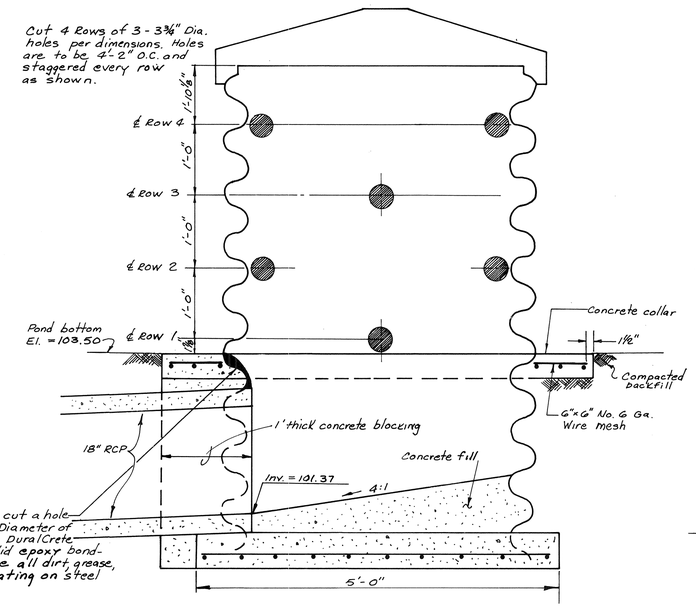
NOTE: DO NOT CUT HOLES IN OUTLET CONTROL STRUCTURE THIS CONTRACT



Note: Contractor to cut a hole in CMP to fit Outer Diameter of RCP Pipe snug. Apply DuralCrete Gel (or equivalent solid epoxy bonding material) Remove all dirt, grease, oil, and galvanized coating on steel before application.

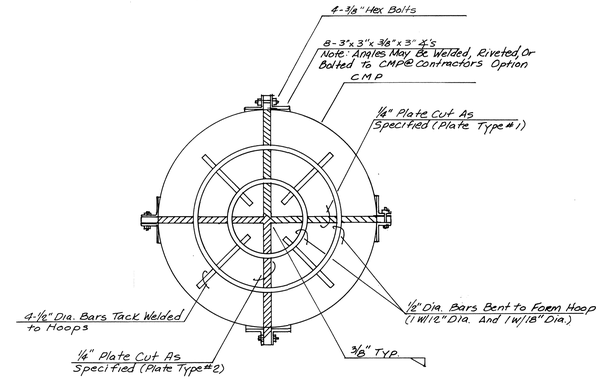
PLAN VIEW

OUTFLOW CONTROL STRUCTURE



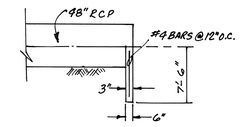
SIDE VIEW

OUTFLOW CONTROL STRUCTURE

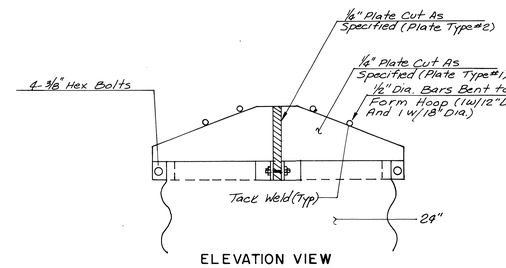


PLAN VIEW

N.T.S.

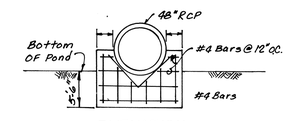


END VIEW



ELEVATION VIEW

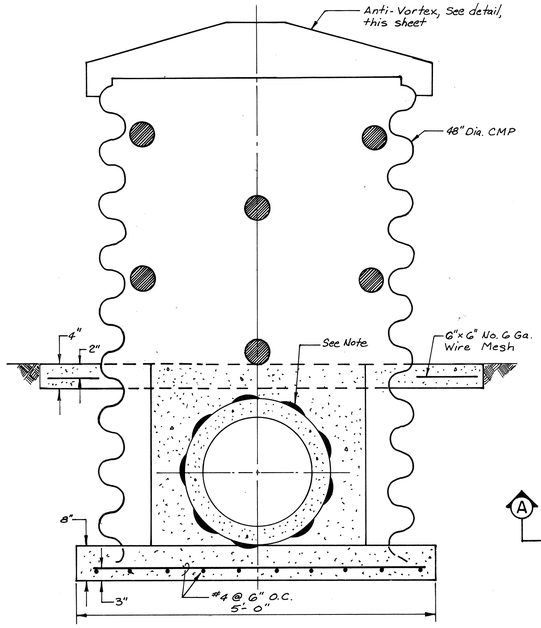
N.T.S.



EL'EVATION

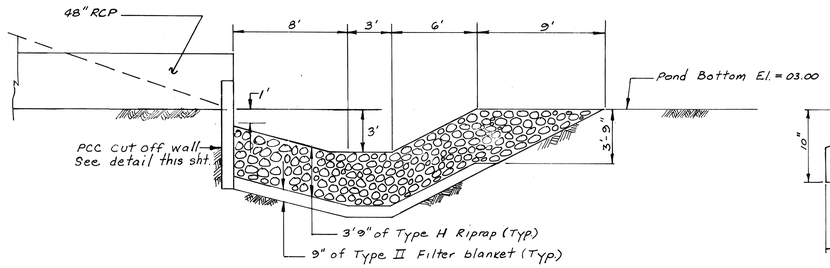
CUT-OFF WALL DETAIL

N.T.S.

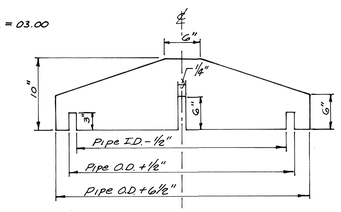


FRONT VIEW

OUTFLOW CONTROL STRUCTURE



SECTION A-A



DIMENSIONS - PLATE TYPE # 1 (1 PER STRUCTURE)

N.T.S.

TYPE H RIPRAP SPECS

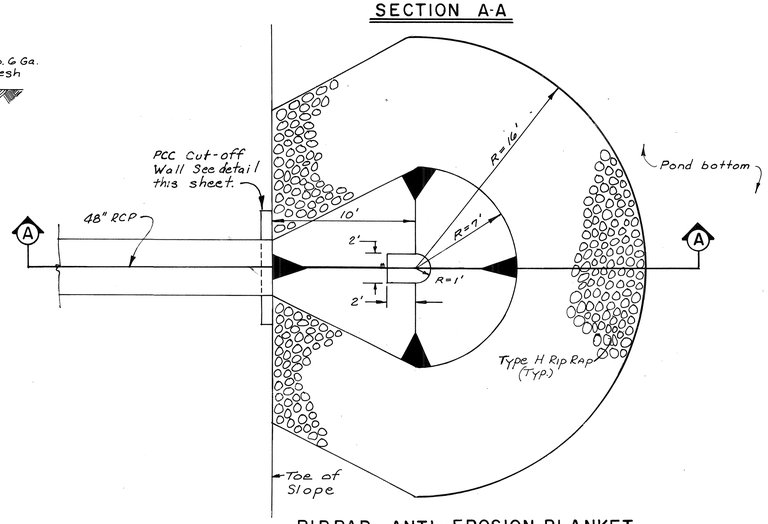
% SMALLER THAN GIVEN SIZE BY WEIGHT	MINIMUM DIMENSION INCHES	* K_m INCHES
100	24	–
35-55	18	18
10	6	–

TYPE II FILLER SPECS

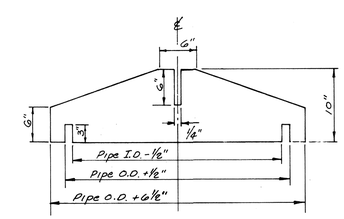
SIEVE SIZE	% BY WEIGHT PASSING SQUARE MESH SIEVE
2"	90-100
3/4"	20-90
#4	0-30
#200	0-3

* K_m = MEDIAN STONE SIZE

RIP RAP SHALL BE HARD DURABLE ANGULAR STONE WITH A SPECIFIC GRAVITY OF 2.5 OR GREATER.



RIPRAP ANTI-EROSION BLANKET



DIMENSION - PLATE TYPE # 2 (1 PER STRUCTURE)

N.T.S.

ANTI-VORTEX RACK FOR OUTFLOW CONTROL STRUCTURE

SCANNED BY

26 3070 1387

SCALE: N.T.S.

community sciences corporation
LAND PLANNING · ENGINEERING · SURVEYING
P.O. Box 1328 · Corrales, N.M. 87048

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: STORM SEWER IMPROVEMENTS - GOLF COURSE/LA ORILLA

DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
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A.C.E. - Design		1/4/87	Traffic	NA Dwff	12/3/86
A.C.E. - Hydrology		"	Water Utilities	WW	12-3-86

DRAWING NO.	MAP NO.	SHEET	OF
3070	D-11, E-12	13	13

AS BUILT INFORMATION

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SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

MICHAEL J. MOTT · NEW MEXICO · 6868 · REGISTERED PROFESSIONAL ENGINEER

1/12/87

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY G.A. — DATE October, 1986
DRAWN BY W.J.W. — DATE October, 1986
CHECKED BY — DATE