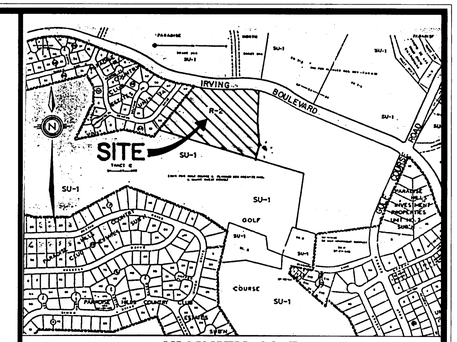
PARADISE GREENS - UNIT 1

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

IMPROVEMENTS FOR

GRADING, PAVING AND UTILITIES



SCALE: 1"= 750 ± VICINITY MAP B-12-Z

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED WITH UPDATE NO. 4.

2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (260-1990) 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. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN 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 CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION.

5. THREE (3) WORKING DAYS PRIOR TO BEGINNING PAVING OR DRAINAGE 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 FORM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE SPECIFICATIONS.

6. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET. ALL NEW STRIPING SHALL BE PLASTIC AS PER CITY STANDARDS.

WARNING - EXISTING UTILITY LINE LOCATIONS 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.

THE ENGINEER HAS UNDERTAKEN LIMITED 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 THEREFORE. THE 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. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES. THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

N.M.U., INC. GENERAL NOTES:

1. THE CONTRACTOR SHALL CONTACT NMUI AT 898-2661 AT LEAST THREE DAYS PRIOR TO ANY UTILITY CONSTRUCTION (INCLUDING CONNECTIONS TO THE EXISTING SYSTEM) TO COORDINATE THE VARIOUS ITEMS OF WORK WITH NMUI OPERATIONS STAFF.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FROM HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE STATE OF NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1987.
3. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE SATED OR PROVIDED FROM HERON, BE CONSTRUCTED IN ACCORDANCE WITH NEW MEXICO UTILITIES, INC. (NMUI) STANDARD SPECIFICATIONS. IF NMUI SPECIFICATIONS ARE IN CONFLICT WITH THE NEW MEXICO SPECIFICATIONS, NMUI SPECIFICATIONS SHALL TAKE PRIORITY.
4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
5. 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.
6. THE CONTRACTOR SHALL FURNISH EMD'S ON ALL WATER AND SEWER SERVICE STUBS, CAPS AND PLUGS.
7. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS, CITY OF ALBUQUERQUE SPECIFICATIONS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A "BARRICADING PERMIT" PRIOR TO COMMENCEMENT OF WATER OR SEWER CONSTRUCTION. REFER TO SECTION 19 OF THE CITY OF ALBUQUERQUE SPECIFICATIONS.

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET AND INDEX TO DRAWINGS
2-3	PLAT OF GEOMETRY
4	GRADING AND EROSION CONTROL PLANS
	PAVING PLAN AND PROFILES
5	COMPOSITE PAVING PLAN
6	ALTA MESA COURT & WOODBURNE ROAD N.W.
7	ALTA MESA DR. N.W.
8	SANDHURST DRIVE & GREEN MEADOW DRIVE N.W.
	UTILITY PLAN AND PROFILES
9	COMPOSITE UTILITY PLAN
10	ALTA MESA COURT & WOODBURNE ROAD N.W.
11	ALTA MESA DR. N.W.
12	SANDHURST DRIVE & GREEN MEADOW DRIVE N.W.
13-15	OFFSITE STORM DRAIN & SANITARY SEWER OUTFALL
16	OFFSITE STORM DRAIN DETAILS
17-18	EXISTING GRADE CONTROL STRUCTURES

SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering, or intent of the record drawings.

2.15.95

Timothy Aldrich, P.S. No. 7719 Date

NEW MEXICO 7719 REGISTERED PROFESSIONAL LAND SURVEYOR

APPROVAL OF AS-BUILT DRAWINGS CHIEF CONSTRUCTION ENGINEER DATE 5-22-95

REV.	SHEETS		DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
⚠1	4,6,8,10,12 & 13	Billy J. Goodaley	12/15/94	Frank D. Chavez	9/29/94	G.S. Reeder	11/15/94

ENGINEER'S SEAL

NEW MEXICO 7719 REGISTERED PROFESSIONAL LAND SURVEYOR

DATE: MARCH, 1994
SCALE: AS SHOWN
DESIGNED: J.D.H.
DRAWN: A.M.
JOB NO.: 25205-PRE

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

APPROVED FOR CONSTRUCTION
CITY ENGINEER
DATE 4/15/94

PROJECT NO. 4905 90

SHEET 1 OF 18

26 4905.900195

SCANNED BY BY LASON

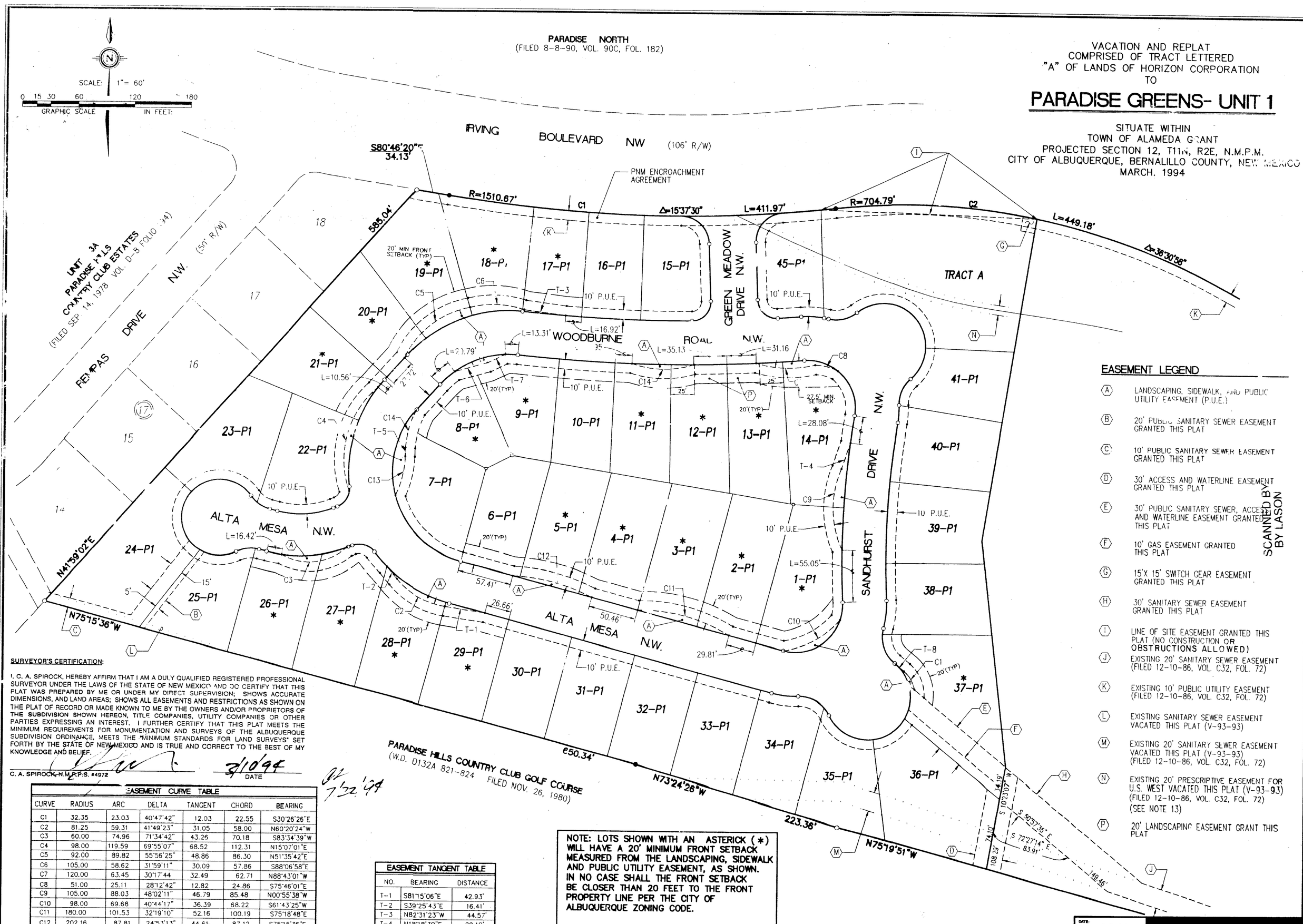
COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

25205/SHT1

VACATION AND REPLAT
COMPRISED OF TRACT LETTERED
"A" OF LANDS OF HORIZON CORPORATION
TO

PARADISE GREENS- UNIT 1

SITUATE WITHIN
TOWN OF ALAMEDA GRANT
PROJECTED SECTION 12, T11N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH, 1994



EASEMENT LEGEND

- (A) LANDSCAPING, SIDEWALK, AND PUBLIC UTILITY EASEMENT (P.U.E.)
- (B) 20' PUBLIC SANITARY SEWER EASEMENT GRANTED THIS PLAT
- (C) 10' PUBLIC SANITARY SEWER EASEMENT GRANTED THIS PLAT
- (D) 30' ACCESS AND WATERLINE EASEMENT GRANTED THIS PLAT
- (E) 30' PUBLIC SANITARY SEWER, ACCESS AND WATERLINE EASEMENT GRANTED THIS PLAT
- (F) 10' GAS EASEMENT GRANTED THIS PLAT
- (G) 15'X 15' SWITCH GEAR EASEMENT GRANTED THIS PLAT
- (H) 30' SANITARY SEWER EASEMENT GRANTED THIS PLAT
- (I) LINE OF SITE EASEMENT GRANTED THIS PLAT (NO CONSTRUCTION OR OBSTRUCTIONS ALLOWED)
- (J) EXISTING 20' SANITARY SEWER EASEMENT (FILED 12-10-86, VOL. C32, FOL. 72)
- (K) EXISTING 10' PUBLIC UTILITY EASEMENT (FILED 12-10-86, VOL. C32, FOL. 72)
- (L) EXISTING SANITARY SEWER EASEMENT VACATED THIS PLAT (V-93-93)
- (M) EXISTING 20' SANITARY SEWER EASEMENT VACATED THIS PLAT (V-93-93) (FILED 12-10-86, VOL. C32, FOL. 72)
- (N) EXISTING 20' PRESCRIPTIVE EASEMENT FOR U.S. WEST VACATED THIS PLAT (V-93-93) (FILED 12-10-86, VOL. C32, FOL. 72) (SEE NOTE 13)
- (P) 20' LANDSCAPING EASEMENT GRANT THIS PLAT

SCANNED BY LASON

SURVEYOR'S CERTIFICATION:

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972 — DATE 3/10/94

EASEMENT CURVE TABLE						
CURVE	RADIUS	ARC	DELTA	TANGENT	CHORD	BEARING
C1	32.35	23.03	40°47'42"	12.03	22.55	S30°26'26"E
C2	81.25	59.31	41°49'23"	31.05	58.00	N60°20'24"W
C3	60.00	74.96	71°34'42"	43.26	70.18	S83°34'39"W
C4	98.00	119.59	69°55'07"	68.52	112.31	N15°07'01"E
C5	92.00	89.82	55°56'25"	48.86	86.30	N51°35'42"E
C6	105.00	58.62	31°59'11"	30.09	57.86	S88°06'58"E
C7	120.00	63.45	30°17'44	32.49	62.71	N88°43'01"W
C8	51.00	25.11	28°12'42"	12.82	24.86	S75°46'01"E
C9	105.00	88.03	48°02'11"	46.79	85.48	N00°55'38"W
C10	98.00	69.68	40°44'17"	36.39	68.22	S61°43'25"W
C11	180.00	101.53	32°19'10"	52.16	100.19	S75°18'48"E
C12	202.16	87.81	24°53'13"	44.61	87.12	S75°15'36"E
C13	98.00	42.76	25°00'07"	21.73	42.43	S13°44'12"W
C14	102.00	41.62	23°22'47"	21.10	41.33	N15°53'18"E
C15	105.00	66.60	36°20'29"	34.46	65.49	N89°31'50"W

EASEMENT TANGENT TABLE		
NO.	BEARING	DISTANCE
T-1	S81°15'06"E	42.93'
T-2	S39°25'43"E	16.41'
T-3	N82°31'23"W	44.57'
T-4	N18°18'30"E	29.10'
T-5	S01°14'08"W	9.05'
T-6	N74°52'36"E	35.82'
T-7	N64°45'07"E	21.40'
T-8	S50°50'17"E	12.81'

NOTE: LOTS SHOWN WITH AN ASTERICK (*) WILL HAVE A 20' MINIMUM FRONT SETBACK MEASURED FROM THE LANDSCAPING, SIDEWALK AND PUBLIC UTILITY EASEMENT, AS SHOWN. IN NO CASE SHALL THE FRONT SETBACK BE CLOSER THAN 20 FEET TO THE FRONT PROPERTY LINE PER THE CITY OF ALBUQUERQUE ZONING CODE.

ALL OTHER SETBACKS ARE PER R-1 ZONING.

DATE:	3-7-94
SCALE:	AS SHOWN
DESIGNED:	JDH
DRAWN:	DER
JOB NO.:	252-05-025

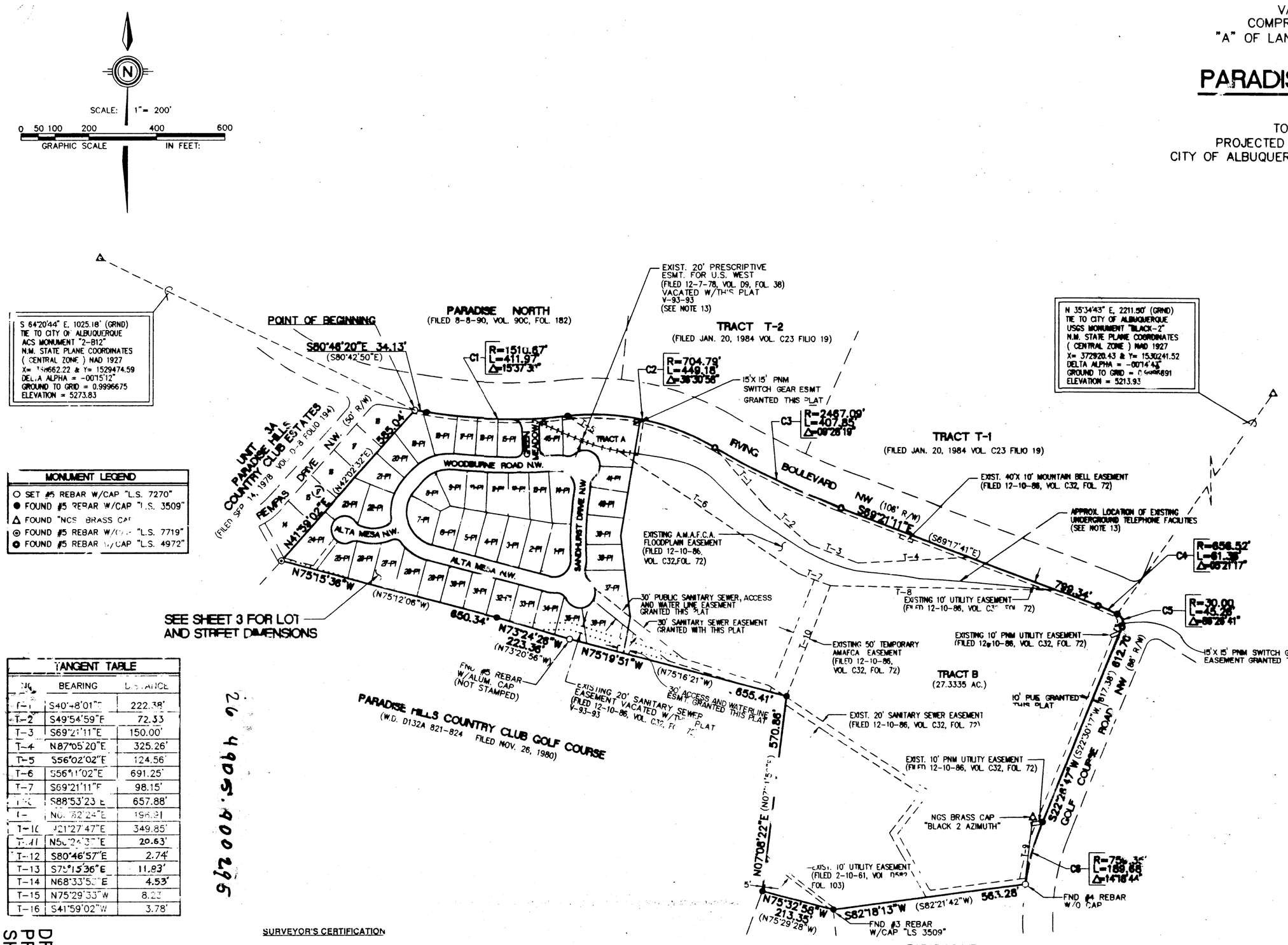
community sciences corporation

SHEET 1 OF 5

VACATION AND REPLAT
COMPRISED OF TRACT LETTERED
"A" OF LANDS OF HORIZON CORPORATION
TO

PARADISE GREENS- UNIT 1

SITUATE WITHIN
TOWN OF ALAMEDA GRANT
PROJECTED SECTION 12, T11N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH, 1994



MONUMENT LEGEND

- ○ SET #5 REBAR W/CAP "L.S. 7270"
- ● FOUND #5 REBAR W/CAP "L.S. 3509"
- △ FOUND "NGS" BRASS CAP
- ⊙ FOUND #5 REBAR W/CAP "L.S. 7719"
- ◘ FOUND #5 REBAR W/CAP "L.S. 4972"

TANGENT TABLE		
NO.	BEARING	DISTANCE
T-1	S40°48'01"E	222.38'
T-2	S49°54'59"E	72.33
T-3	S69°21'11"E	150.00'
T-4	N87°05'20"E	325.26'
T-5	S56°02'02"E	124.56'
T-6	S56°11'02"E	691.25'
T-7	S69°21'11"E	98.15'
T-8	S88°53'23"E	657.88'
T-9	N01°32'24"E	196.31'
T-10	N21°27'47"E	349.85'
T-11	N56°24'37"E	20.63'
T-12	S80°46'57"E	2.74'
T-13	S75°15'36"E	11.83'
T-14	N68°33'53"E	4.53'
T-15	N75°29'33"W	8.23'
T-16	S41°59'02"W	3.78'

2 yhps.900.276

SURVEYOR'S CERTIFICATION

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THISPLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION;SHOWS ACCURATE DIMENSIONS, AND LAND AREAS;SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST.I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 1972 C. A. SPIROCK

C. A. SPIROCK, N.M.R.P.S. #4972 — DATE 3/10/94

DRB NO. 93-362
PROJECT NO. 490590
SHEET 2 OF 18

SHEET 2 OF 5

DATE:	3-7-94
SCALE:	1"= 200'
DESIGNED:	J.D. H.
DRAWN:	D.E.R.
JOB NO.:	252-05-025

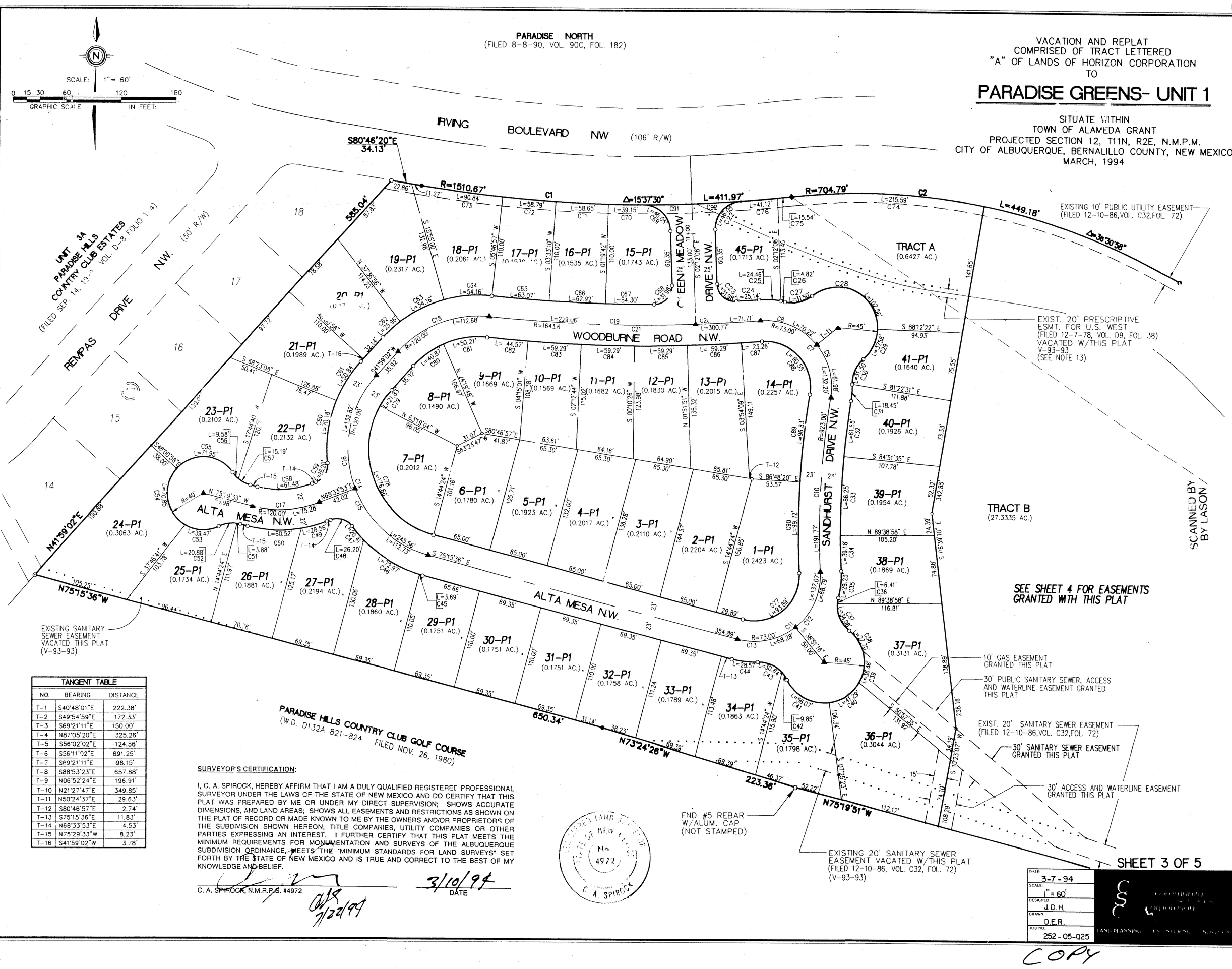
community sciences corporation

COPY

VACATION AND REPLAT
COMPRISED OF TRACT LETTERED
"A" OF LANDS OF HORIZON CORPORATION
TO

PARADISE GREENS- UNIT 1

SITUATE WITHIN
TOWN OF ALAMEDA GRANT
PROJECTED SECTION 12, T11N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH, 1994



TANGENT TABLE		
NO.	BEARING	DISTANCE
T-1	S40°48'01"E	222.38'
T-2	S49°54'59"E	172.33'
T-3	S69°21'11"E	150.00'
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T-10	N21°27'47"E	349.85'
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SURVEYOR'S CERTIFICATION:

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION; SHOWS ACCURATE DIMENSIONS, AND LAND AREAS; SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST. I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972 — DATE 3/10/94

7/22/94

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 4972 C. A. SPIROCK

SHEET 3 OF 5

DATE	3-7-94
SCALE	1" = 60'
DESIGNED	J.D.H.
DRAWN	D.E.R.
JOB NO	252-05-025

COMMUNITY SCIENCES CORPORATION
LAND PLANNING ENGINEERING SURVEYING

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO (505) 897-0000

25205\VIPLAT4.DWG

COPY

VACATION AND REPLAT
COMPRISED OF TRACT LETTERED
"A" OF LANDS OF HORIZON CORPORATION
TO

PARADISE GREENS- UNIT 1

SITUATE WITHIN
TOWN OF ALAMEDA GRANT
PROJECTED SECTION 12, T11N, R2E, N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MARCH, 1994

(NOTES CONTINUED FROM SHEET 1)

8. PUBLIC UTILITY EASEMENTS (P.U.E.) SHOWN ON THIS PLAT ARE TEN (10) FEET WIDE AND ARE GRANTED FOR THE COMMON AND JOINT USE OF:

   A. THE PUBLIC SERVICE COMPANY OF NEW MEXICO FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF UNDERGROUND ELECTRICAL LINES TRANSFORMERS, POLES AND ANY OTHER EQUIPMENT, FIXTURES, STRUCTURES AND RELATED FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL SERVICE.

   B. THE GAS COMPANY OF NEW MEXICO FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES, VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS.

   C. U.S. WEST FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF ALL BURIED COMMUNICATION LINES AND OTHER RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE COMMUNICATION SERVICES, INCLUDING BUT NOT LIMITED TO ABOVE GROUND PEDESTALS AND CLOSURES.

   D. JONES INTERCABLE FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH UNDERGROUND LINES, CABLE, 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 PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS, INCLUDING SUFFICIENT WORKING AREA SPACE FOR ELECTRIC TRANSFORMERS, WITH THE RIGHT AND PRIVILEGE TO TRIM AND REMOVE TREES, SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL (ABOVE GROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD POOL 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 ELECTRIC SAFETY CODE CAUSED BY CONSTRUCTION OR POOLS, DECKING, OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOWN ON THIS PLAT.

9. THIS PROPERTY IS WITHIN THE NEW MEXICO UTILITIES, INC. (NMU, INC.) FRANCHISE AREA. WATER AND SANITARY SEWER SYSTEM CAPABILITIES ARE BASED ON NMU, INC'S FACILITIES, NOT THE CITY OF ALBUQUERQUE. WATER AND SANITARY SEWER INFRASTRUCTURE IMPROVEMENTS MUST, HOWEVER, BE APPROVED BY THE CITY OF ALBUQUERQUE AND NMU, INC. EASEMENTS THAT ARE EXISTING OR GRANTED BY THIS PLAT TO NMU, INC. ARE FOR THE INSTALLATION, MAINTENANCE AND SERVICE OF BURIED WATER OR SANITARY SEWER AND RELATED EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE SAID SERVICE. INCLUDED IS THE RIGHT TO BUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, MODIFY, RENEW, OPERATE AND MAINTAIN FACILITIES FOR THE PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENTS. NO BUILDINGS OR STRUCTURES OF ANY KIND SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENT.

10. UNLESS OTHERWISE INDICATED, BY APPROVING THIS DOCUMENT PNM AND U.S. WEST COMMUNICATIONS DO NOT WAIVE OR RELEASE ANY EASEMENT OR EASEMENT RIGHT WHICH MAY HAVE BEEN GRANTED BY PRIOR PLAT, REPLAT OR DOCUMENT.

11. MINIMUM DWELLING SETBACKS FOR ALL LOTS ARE AS DEFINED IN THE ZONING CODE FOR R-2 ZONING.

12. THE P1 SUFFIX TO LOT NUMBERS DESIGNATES PARKING FOR INTERMITTENT PARKING CRITERIA FOR 2 TO 3 BEDROOM HOUSES.

13. EXISTING MOUNTAIN BELL FACILITIES ARE WITHIN THE SOUTHERLY 10 FEET OF THE PREVIOUSLY VACATED PORTION OF IRVING BLVD. RIGHT-OF-WAY, REFER TO "REALIGNMENT MAP OF A PORTION OF IRVING BLVD. N.W." FILED DECEMBER [illegible], 1986.

14. THIS PLAT IS AFFECTED BY THE AMAFCA EASEMENT, AS SHOWN ON THIS PLAT. THIS TRACT WILL BE REPLATTED INTO 3 LOTS WHEN NEGOTIATIONS WITH AMAFCA OCCUR AND CONDITIONS ARE ESTABLISHED TO VACATE EASEMENT.

In approving this plat, PNM did not conduct a Title Search of the properties shown hereon. Consequently, PNM does not waive or release any easement or easement right which may have been granted by prior plat, replat, or other document and which are not shown on this plat.

DRB NO. 93-362
PROJECT NO. 4905.90
SHEET 3 OF 18

26 4905.90 93

CURVE DATA

Curve Iden	Radius	Arc	Delta	Tangent	Chord	Chord Brg	Curve Iden	Radius	Arc	Delta	Tangent	Chord	Chord Brg
C1	1510.67	411.97	015-37-30	207.27	410.70	N88-35-05W	C47	143.00	20.41	008-10-44	10.22	20.40	N40-27-23W
C2	704.79	449.18	036-30-58	232.51	441.62	S78-08-21E	C48	20.00	26.20	075-04-06	15.37	24.37	S73-54-04E
C3	2467.00	407.85	009-28-19	204.39	407.39	N64-37-01W	C49	142.00	28.56	011-31-21	14.33	28.51	S74-19-34W
C4	656.52	61.36	005-21-17	30.70	61.34	S66-40-32E	C50	142.00	60.52	024-25-13	30.73	60.07	N87-42-09W
C5	30.00	45.26	086-26-41	28.19	41.09	S20-46-33E	C51	35.00	3.88	006-21-13	1.94	3.88	S78-40-09E
C6	759.35	189.68	014-18-44	95.34	189.19	N15-17-25E	C52	35.00	20.88	034-10-56	10.76	20.57	N81-03-46E
C7	73.00	132.20	103-45-40	93.04	114.86	S42-49-18E	C53	40.00	39.47	056-31-48	21.51	37.88	N87-45-49W
C8	73.00	70.22	055-06-45	38.09	67.54	S67-08-45E	C54	40.00	70.85	101-28-58	48.94	61.94	N08-45-27W
C9	73.00	61.96	048-36-55	33.00	60.14	S15-15-55E	C55	40.00	71.95	103-03-34	50.34	62.63	S86-29-11E
C10	923.00	191.77	011-54-14	96.23	191.42	N03-06-25E	C56	35.00	9.58	015-40-39	4.82	9.55	N42-47-43W
C11	73.00	137.07	107-35-06	99.71	117.80	S50-56-51W	C57	35.00	15.19	024-51-31	7.71	15.07	N63-03-47W
C12	73.00	68.79	053-59-26	37.19	66.27	S24-09-01W	C58	98.00	61.48	035-56-34	31.79	60.47	S86-32-10W
C13	73.00	68.28	053-35-40	36.87	65.82	S77-56-34W	C59	20.00	26.20	075-04-06	15.37	24.37	S31-01-50W
C14	120.00	245.56	117-14-38	196.76	204.90	N16-38-17W	C60	143.00	70.18	028-07-05	35.81	69.48	N07-33-20E
C15	120.00	112.73	053-49-29	60.91	108.63	N48-20-51W	C61	143.00	50.84	020-22-10	25.69	50.57	N31-47-57E
C16	120.00	132.82	063-25-09	74.14	126.15	N10-16-28E	C62	143.00	25.96	010-24-02	13.01	25.92	N47-11-03E
C17	120.00	75.28	035-56-34	38.92	74.05	S86-32-10W	C63	143.00	54.16	021-41-56	27.41	53.83	N83-14-02E
C18	120.00	112.68	053-47-55	60.88	108.58	N68-52-59E	C64	143.00	54.16	021-41-56	27.41	53.83	N84-55-59E
C19	1643.67	229.06	007-59-05	114.71	228.87	N68-12-36W	C65	1620.67	63.07	002-13-47	31.54	63.07	N85-19-57W
C20	1643.67	71.71	002-30-00	35.86	71.71	S86-32-52W	C66	1620.67	62.92	002-13-26	31.46	62.91	N87-33-34W
C21	1643.67	300.77	010-29-04	150.81	300.35	N89-27-35W	C67	1620.67	54.30	001-55-10	27.15	54.29	N89-37-53W
C22	30.00	46.05	087-57-15	28.95	41.66	N41-46-30E	C68	20.00	31.98	091-36-40	20.57	28.68	S43-36-12W
C23	20.00	31.98	091-36-40	20.57	28.68	N48-00-28W	C69	30.00	46.05	087-57-15	28.95	41.66	S46-10-45E
C24	1620.67	25.14	000-53-20	12.57	25.14	S85-44-33W	C70	1510.67	39.15	001-29-05	19.57	39.15	N89-24-50W
C25	95.00	24.46	014-38-01	12.30	24.40	S87-24-07E	C71	1510.67	58.65	002-13-58	29.33	58.64	N87-39-34W
C26	95.00	4.82	002-52-36	2.4	4.82	S78-39-48E	C72	1510.67	58.79	002-13-47	29.40	58.79	N85-19-57W
C27	35.00	31.50	051-34-09	16.9	130.45	S76-59-27W	C73	1510.67	90.84	003-26-43	45.43	90.83	N82-29-42W
C28	45.00	102.56	130-35-16	97.81	81.76	S63-30-00E	C74	704.79	215.59	017-31-39	108.65	214.75	S87-39-02E
C29	45.00	37.56	047-49-14	19.95	36.48	S25-43-15W	C75	1510.67	15.54	000-35-22	7.77	15.54	S82-53-51W
C30	35.00	31.50	051-34-09	16.91	30.45	N23-49-48E	C76	1510.67	41.12	001-33-08	20.56	41.12	S83-36-40W
C31	95.00	18.45	011-06-49	9.28	18.43	S89-33-06W	C77	60.00	93.89	089-41-08	59.58	84.58	S39-45-51W
C32	800.00	61.55	004-24-07	30.79	61.53	N07-06-59E	C78	97.00	176.46	104-13-48	124.93	153.04	N63-06-11W
C33	800.00	86.25	006-10-27	43.16	86.21	N09-52-18E	C79	97.00	81.63	048-13-49	43.58	79.27	N36-39-09W
C34	800.00	39.18	002-48-40	19.60	39.18	N01-35-52W	C80	97.00	40.87	24-08-18	20.74	40.58	N24-03-12E
C35	95.00	29.23	017-38-44	14.73	29.12	S56-53-40W	C81	97.00	50.21	029-39-39	25.69	49.66	N50-07-06E
C36	35.00	6.41	010-29-40	3.21	6.40	N09-21-12E	C82	1666.67	44.57	001-31-06	22.28	44.57	N84-59-01W
C37	35.00	34.08	055-47-09	18.53	32.79	N63-47-10W	C83	1666.67	59.29	002-02-17	29.65	59.29	N83-10-09W
C38	45.00	27.76	035-19-57	14.30	27.33	S34-02-43E	C84	1666.67	59.29	002-02-17	29.65	59.29	N81-08-16W
C39	45.00	36.46	046-26-13	19.30	35.47	S09-47-52W	C85	1666.67	59.29	002-02-17	29.65	59.29	N79-06-00W
C40	45.00	41.29	052-34-08	22.23	39.85	S58-17-33W	C86	1666.67	59.29	002-02-17	29.65	59.29	N77-07-00W
C41	45.00	56.07	071-23-32	32.33	52.51	N61-43-37W	C87	1666.67	23.26	000-47-59	11.63	23.26	S85-41-52W
C42	35.00	9.85	016-07-28	4.96	9.82	S34-05-35E	C88	50.00	90.55	103-45-40	63.72	78.67	S42-49-18E
C43	35.00	30.64	050-09-14	16.38	29.67	S67-13-57E	C89	946.00	96.83	005-51-32	48.46	96.79	N06-07-36E
C44	96.00	28.57	017-02-58	14.39	28.46	N83-47-05W	C90	946.00	99.72	006-02-22	49.90	99.67	N00-10-29E
C45	143.00	3.69	001-28-40	1.84	3.69	N74-31-16W	C91	1510.67	53.94	002-02-45	26.97	53.94	S86-49-1W
C46	143.00	72.97	029-14-11	37.30	72.18	N59-09-50W	C92	1510.67	53.94	002-02-45	26.97	53.94	S86-46-30W

SURVEYOR'S CERTIFICATION

I, C. A. SPIROCK, HEREBY AFFIRM THAT I AM A DULY QUALIFIED REGISTERED PROFESSIONAL SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO AND DO CERTIFY THAT THISPLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION;SHOWS ACCURATE DIMENSIONS, AND LAND AREAS;SHOWS ALL EASEMENTS AND RESTRICTIONS AS SHOWN ON THE PLAT OF RECORD OR MADE KNOWN TO ME BY THE OWNERS AND/OR PROPRIETORS OF THE SUBDIVISION SHOWN HEREON, TITLE COMPANIES, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST.I FURTHER CERTIFY THAT THIS PLAT MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, MEETS THE "MINIMUM STANDARDS FOR LAND SURVEYS" SET FORTH BY THE STATE OF NEW MEXICO AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

C. A. SPIROCK, N.M.R.P.S. #4972 — DATE 3/10/94

7/22/94

REGISTERED LAND SURVEYOR STATE OF NEW MEXICO No. 4972 C. A. SPIROCK

SHEET 5 OF 5

DATE	3-7-94
SCALE	AS SHOWN
DESIGNED	J.D.H.
DRAWN	D.E.R.
JOB NO	252-05-025

COMMUNITY SCIENCES CORPORATION
LAND PLANNING ENGINEERING SURVEYING

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO (505) 897-0000

25205\VIPLAT5.DWG

PARADISE GREENS- UNIT 1

COMPRISED OF

TRACT LETTERED "A" OF LANDS OF HORIZON CORPORATION

SITUATE WITHIN

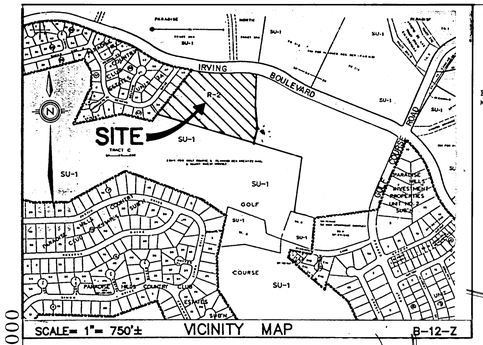
TOWN OF ALAMEDA GRANT

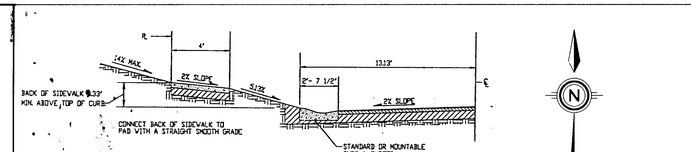
SECTION 12, T11N, R2E, N.M.P.M.

CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO

MARCH, 1994

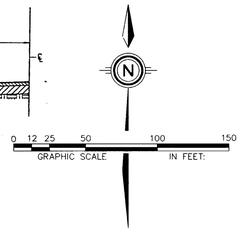
DRB-93-362

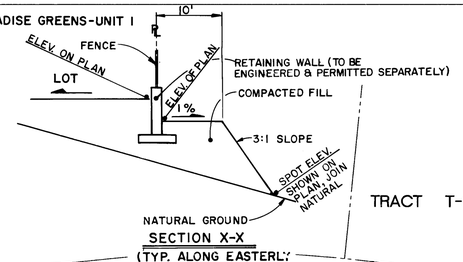




TYPICAL GRADING SECTION

N.T.S.

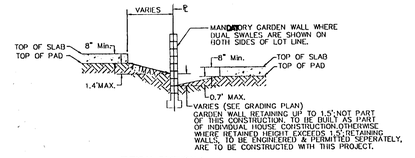




SECTION X-X

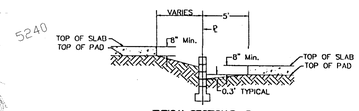
(TYP. ALONG EASTERLY BOUNDARY)

TRACT T-2



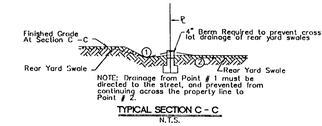
TYPICAL SECTION A - A

N.T.S.



TYPICAL SECTION B - B

N.T.S.



TYPICAL SECTION C - C

N.T.S.

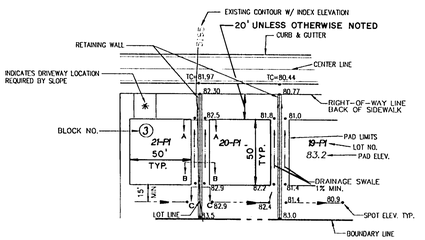
TYPICAL LOT GRADING DETAILS

EARTHWORK SUMMARY

CUT	=	12,500 CY
FILL	=	76,500 CY
IMPORTED FILL	=	64,000 CY

LEGEND

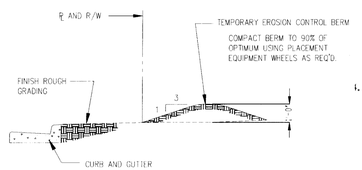
• TC=98.43	PROPOSED TOP OF CURB ELEVATION	—— ——	SWALE
• 99.0	PROPOSED SPOT ELEVATION	——▶——	FLOW ARROW
09.0 ⊗	EXISTING SPOT ELEVATION (GRND & TC)		PROPOSED RETAINING WALL
	EROSION CONTROL BERM	----EC----	EXISTING U.G. ELECTRICAL
	PROPOSED CONCRETE VALLEY GUTTER	----TV----	EXISTING WATER LINE
	EXISTING CURB & GUTTER	----UT----	EXISTING U.G. TELEPHONE
	PROPOSED MOUNTABLE CURB & GUTTER	---- 30" SD ----	EXISTING STORM DRAIN
	PROPOSED STANDARD CURB & GUTTER	—— 30" SD ——	PROPOSED STORM DRAIN
	EXISTING CONTOUR W/ INDEX ELEVATION		WATER BLOCK
	UNIT BOUNDARY	----G----	EXISTING GAS LINE
▮	2-TYPE DOUBLE "A" DROP INLETS		
▮	TYPE "A" DROP INLET		
⦿	STORM DRAIN MANHOLE		



TYPICAL LOT DETAIL

N.T.S.

- FINISHED GRADE AROUND PERIMETER OF HOUSE SHALL BE A MINIMUM OF 8" BELOW TOP OF CONCRETE SLAB. (SEE SECTIONS THIS SHEET)



EROSION CONTROL BERM

TYPICAL SECTION THROUGH BERM

NOT TO SCALE

LOT GRADING SPECIFICATIONS:

1. CROSS LOT DRAINAGE WILL NOT BE PERMITTED. IF LOCAL CONDITIONS SHOULD DICTATE A RELAXATION OF THIS RULE, THEN THE APPROPRIATE PUBLIC OR PRIVATE DRAINAGE EASEMENTS WILL BE DEDICATED ON THE PLAT.
2. CONTRACTOR SHALL OBTAIN A TOP SOIL DISTURBANCE PERMIT PRIOR TO GRADING.

NOTE: ALL GRADED SLOPES TO BE SEEDED AND MULCHED

APPROVED FOR ROUGH GRADING (± 1 FT.)

CITY HYDROLOGY DATE

SCANNED BY BY LASON

AS BUILT INFORMATION

CONTRACTOR

WORK BY

INSPECTOR'S ACCEPTANCE BY

VERIFICATION BY

DRAWINGS CORRECTED BY

MICRO-FILM INFORMATION

RECORDED BY

DATE

NO.

BENCH MARKS

BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE STAMPED "ACS, 2-1912, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAH AVE. N.W. S.D. 1929 ELEVATION = 5213.83

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

ENGINEER'S SEAL

7/8

NO.	DATE	REMARKS	BY	DATE
1	8/10/94	Revised Inlet Locations		

REVISIONS

DESIGN

DESIGNED BY JDH DATE MAY 1993

DRAWN BY AM DATE MAY 1993

CHECKED BY DATE

26 4905.900495

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS – UNIT 1
GRADING & EROSION CONTROL PLAN

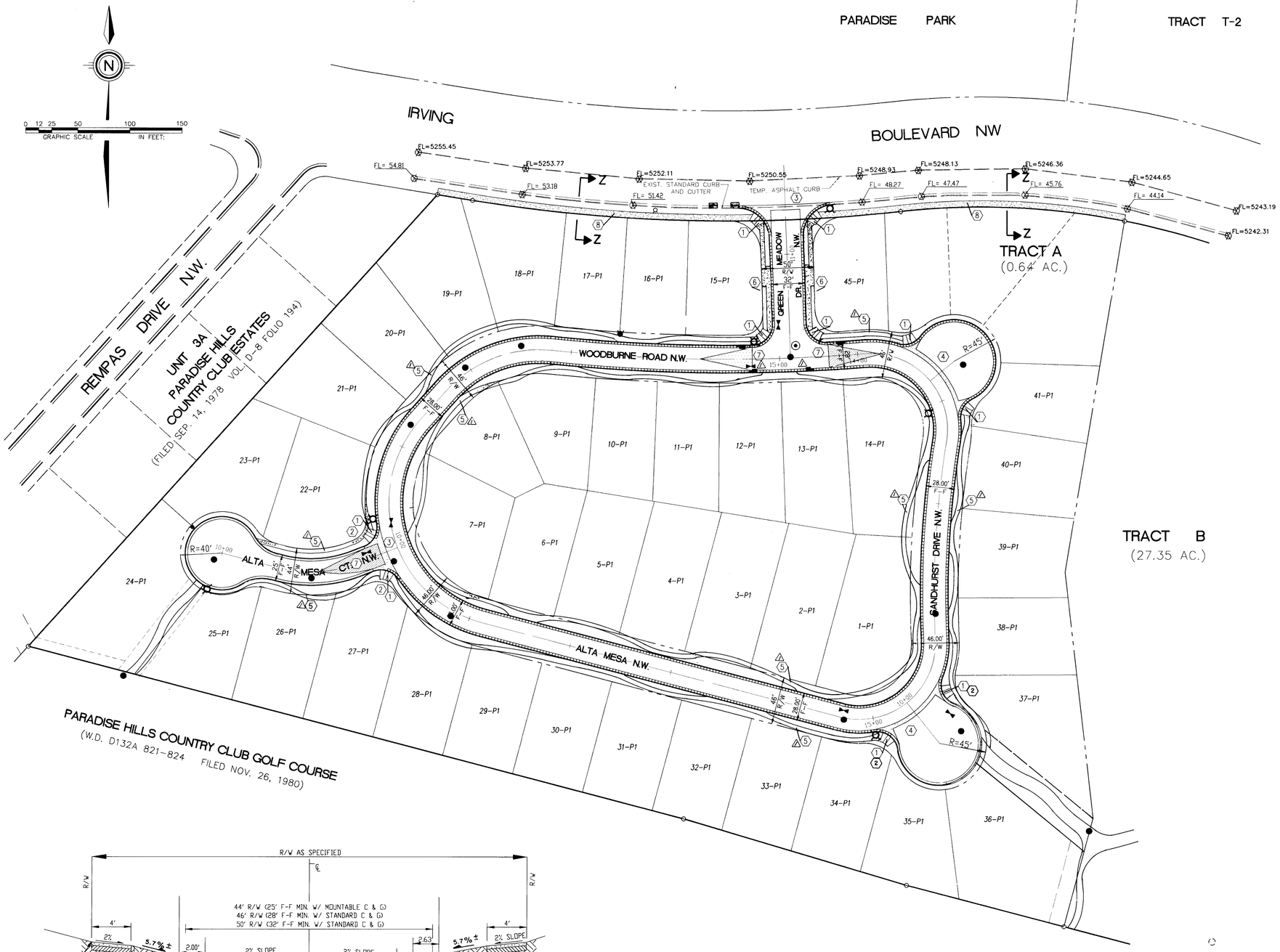
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-13-94	WATER		
TRANSPORTATION		5-18-94	WASTE WATER		
HYDROLOGY		5-18-94	A.M.A.F.C.A.		

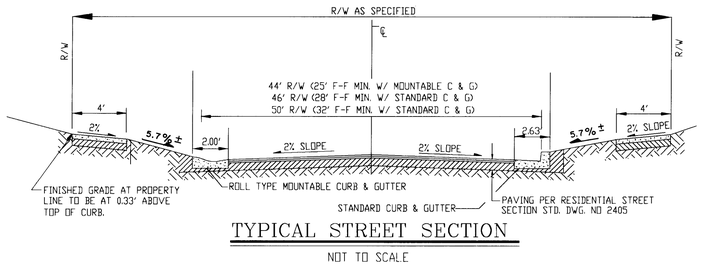
PROJECT NO. 4905.90 | MAP NO. B-12 | SHEET 4 OF 18

COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000

25205\GRAD.DWG

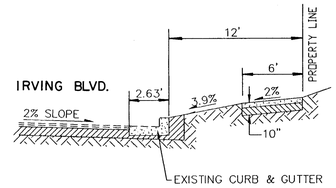
COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000





TYPICAL STREET SECTION

NOT TO SCALE



SECTION Z-Z

N.T.S.

LEGEND

- x FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊕ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- FLOW ARROW
- EXISTING SANITARY SEWER MANHOLE
- PROPOSED SANITARY SEWER MANHOLE
- PROPOSED STORM MANHOLE
- EXISTING GATE VALVE
- PROPOSED GATE VALVE
- CROWN TRANSITION
- PROPOSED STORM SEWER CATCH BASIN
- EXISTING STORM SEWER CATCH BASIN
- PROPOSED SIDEWALK, THIS CONTRACT
- PROPOSED STREET LIGHT

KEYNOTES

1. WHEELCHAIR RAMP PER COA STD DWG. 2441, CASE 2.
2. MOUNTABLE TO STANDARD CURB TRANSITION PER STD. DWG. 2418.
3. CONC VALLEY GUTTER PER SOA STD. DWG. 2420.
4. CONC. VALLEY GUTTER PER COA STD. DWG. 2421
5. FUTURE 4' SIDEWALK, BY OTHERS
6. PROPOSED 4' SIDEWALK, THIS CONTRACT.
7. 50' CROWN TRANSITION PER COA STD. DWG. 2401.
8. PROPOSED 6' SIDEWALK, THIS CONTRACT

AS BUILT INFORMATION
CONTRACTOR CCM
WORK STAKE BY SURVEYING DATE 9-94
ACCEPTANCE BY Ryan DATE 4-5-95
FIELD VERIFICATION BY DATE 9-94
DRAWINGS CORRECTED BY Lus DATE 2/95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE
STAMPED "MDS, 2-8912, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. SLD 1929 ELEVATION = 5273.83

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	11/93

ENGINEER'S SEAL
JAMES D. HANKINS 10277 5-4-94 NEW MEXICO

NO.	DATE	REMARKS
1	8/11/94	RELOCATE INLETS, ADD MEANDERING SW. T-J-B

REVISIONS BY
DESIGN DATE
DESIGNED BY JDH DATE
DRAWN BY AM DATE
CHECKED BY DATE

DATE: MARCH, 1994
SCALE: 1" = 50'
DESIGNED: JDH
DRAWN: AM
JOB NO.: 25205-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS – UNIT 1
COMPOSITE PAVING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	R. Goodaby	7-13-94	WATER	N/A	4/15/94
TRANSPORTATION	T. Grande	5-18-94	WASTE WATER		
HYDROLOGY	[illegible]	5-18-94			

PROJECT NO. 4905.90 MAP NO. B-12 SHEET 5 OF 18

2.6 4905.9 0.0 0595

SCANNED BY BY LASON

25205\SH15.DWG

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

⑩ ℄ CURVE DATA
R= 120.00'
L= 75.28'
Δ= 035°56'34"
T= 38.92'
CH= S86°32'10"W, 74.05'

① ℄ CURVE DATA
R= 120.00'
L= 132.82'
Δ= 063°25'09"
T= 74.14'
CH= N10°16'28"E, 126.15'

② ℄ CURVE DATA
R= 120.00'
L= 112.68'
Δ= 053°47'55"
T= 60.65'
CH= N68°52'59"E, 108.58'

③ ℄ CURVE DATA
R= 1643.67'
L= 229.06'
Δ= 007°59'05"
T= 114.71'
CH= N86°12'36"W, 228.87'

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET

PT FL
1 52.67
2 52.78
3 52.91

PT FL
1 52.96
2 52.81
3 52.83

PT FL
1 50.43
2 50.38
3 50.29

PT FL
1 50.11
2 50.22
3 50.32

COUNTRY CLUB ESTATES
PARADISE HILLS COUNTRY CLUB GOLF COURSE
WOODBURNE ROAD (SEE THIS SHEET)
ALTA MESA DR. (SEE SHEET 7)
GREEN MEADOWS DR. (SEE SHEET 8)
SANDHURST DR. (SEE SHEET 8)
ALTA MESA CT. (SEE THIS SHEET)

STA 11+43.76, 12.5' LT. FL=53.05
STA 11+32.26, 12.5' LT. FL=53.33
STA 10+56.98, 12.5' LT. FL=55.03
STA 10+51.42, 12.50' LT. FL=55.16
STA 10+25.71, 23.75' LT. FL=55.81
STA 10+25.71, 23.75' RT. FL=55.81
STA 10+51.42, 12.5' RT. FL=55.16
STA 10+56.98, 12.5' RT. FL=55.03
STA 11+43.76, 12.5' RT. FL=53.11
STA 11+32.26, 12.5' RT. FL=53.35
STA 10+25.52, 14' RT. FL=52.58
STA 14+73.72, 14' LT. FL=50.20

PI ℄ STA 11+74.28, ALTA MESA CT.=
POC ℄ STA 10+00.00, WOODBURNE=
POC ℄ STA 10+00.00, ALTA MESA DR.
PC ℄ STA 11+68.75
PRC ℄ STA 12+81.43
PT ℄ STA 11+32.82
POC ℄ STA 15+10.48, WOODBURNE RD.=
PI. ℄ STA 10+00.00, GREEN MEADOW DR.=
POC ℄ STA 14+64.47 SANDHURST DR.

PL STA. 14+42.33
STA 14+76.04 INLET
EDGE OF CB STA 14+68.10
STA 15+25.55 ALTA MESA = STA 14+19.40 SANDHURST INLET
STA 15+32.49 ALTA MESA = STA 14+42.46 SANDHURST EDGE OF CB
PL STA 15+59.26 ALTA MESA = STA 14+15.69 SANDHURST

22-P1 23-P1 24-P1 25-P1 26-P1 27-P1 7-P1 8-P1 9-P1 10-P1 11-P1 12-P1 13-P1 16-P1 17-P1 18-P1 19-P1 20-P1 21-P1 45-P1

R=40' N75°29'33"W 25' 44' R/W
N68°33'53"E
TP 50.60
50' 30' 20' T-T
82'

ALTA MESA COURT N.W.
(MOUNTABLE CURB & GUTTER W/ RESIDENTIAL PAVING)

WOODBURNE ROAD N.W.
(STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING)

FL. LT. WHEN RT. ≠ LT.
FL. RT. & LT. WHEN RT. = LT.

EXIST. GROUND @ ℄
PROPOSED FL RT & LT.
-2.26 %
-2.26% LT.
-1.90% RT.
STA 11+25, NO VC. FL = 53.49
STA 11+43.75 CRL FL = 53.05
PVI STA 11+60.87 FILLET LT. 52.66
STA 10+51.42 CRR & CRL FL = 55.16
STA 11+43.75 CRR FL = 53.35
PVI STA11+60.87 FILLET RT 52.79

STA 10+25.52 CRL FL = 52.58
PVI STA 10+00 FL = 52.72
-0.53 %
-0.53% (LT)
-0.59% (RT)
-0.50% (RT)
STA 14+73.72 CRL FL = 50.20
STA 14+94.36 FILLET LT. FL = 50.28
℄ GREEN MEADOW DR.
STA 10+00 PVI (NO VC) RT. 50.60
STA 14+76.04 PVI (NO VC) RT. 50.15
STA 15+25.55 PVI (NO VC) RT. 49.90 LOW PT.

5260 5250 5240

10+00 11 12 13 14 15+00 16

53.30 53.10 52.44 52.19 51.93 51.66 51.40 51.13 50.87 50.60 50.31

25205/SS/16/PAV

LEGEND

- ● FL=74.11 PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊗ EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- FLOW ARROW
- CROWN TRANSITION

KEYNOTES

1. WHEELCHAIR RAMP PER COA STD DWG. 2441, CASE 2.
2. MOUNTABLE TO STANDARD CURB TRANSITION PER STD DWG. 2418
3. CONC VALLEY GUTTER PER SOA STD. DWG 2420
4. CONC. VALLEY GUTTER PER COA STD DWG. 2421
5. FUTURE 4' SIDEWALK, BY OTHERS **SEE SHEET 5 FOR CORRECT LOCATION.**
6. PROPOSED 4' SIDEWALK, THIS CONTRACT
7. 50' CROWN TRANSITION PER COA STD DWG 2401

CURB CURVE DATA

CURVE IDEN	RADIUS	ARC	DELTA
A	30.00	46.22	088-16-30
B	20.00	31.86	091-16-51
C	20.00	24.23	069-24-27
D	20.00	31.54	090-21-25
E	20.00	27.16	077-49-00
F	35.00	28.87	047-16-04
G	40.00	24.11	034-32-06
H	40.00	28.04	040-10-09
I	35.00	27.95	045-45-21
J	40.00	23.40	033-31-03
K	40.00	27.38	039-12-51

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
-	COMMUNITY SCIENCES	1/93

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE.
STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TRAM AVE. N.W. SLD 1929 ELEVATION = 5073.83

AS BUILT INFORMATION
CONTRACTOR CCM DATE 4/95
WORK STARTED DATE 4/5/94
ACCEPTANCE BY DATE 4/95
VERIFICATION BY DATE 4/95
DRAWINGS CORRECTED BY DATE 4/95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

ENGINEER'S SEAL
5-4-94

NO.	DATE	REMARKS	BY
1	8/11/94	RELOCATE INLETS A ℄ C, ADJUST STREET GRADES	TJB

REVISIONS
DESIGNED BY JDH DATE MAY 1993
DRAWN BY AM DATE MAY 1993
CHECKED BY DATE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4905.9 0 0 6 7 5

SCALE: 1" = 50', HORIZ. 1" = 10', VERT.
JOB NO. 25205-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS - UNIT1
PAVING PLAN & PROFILE
ALTA MESA CT. & WOODBURNE RD. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-13-94	WATER		5/19/94
TRANSPORTATION		5-18-94	WASTE WATER		
HYDROLOGY		5-18-94	A.M.A.F.C.A.		

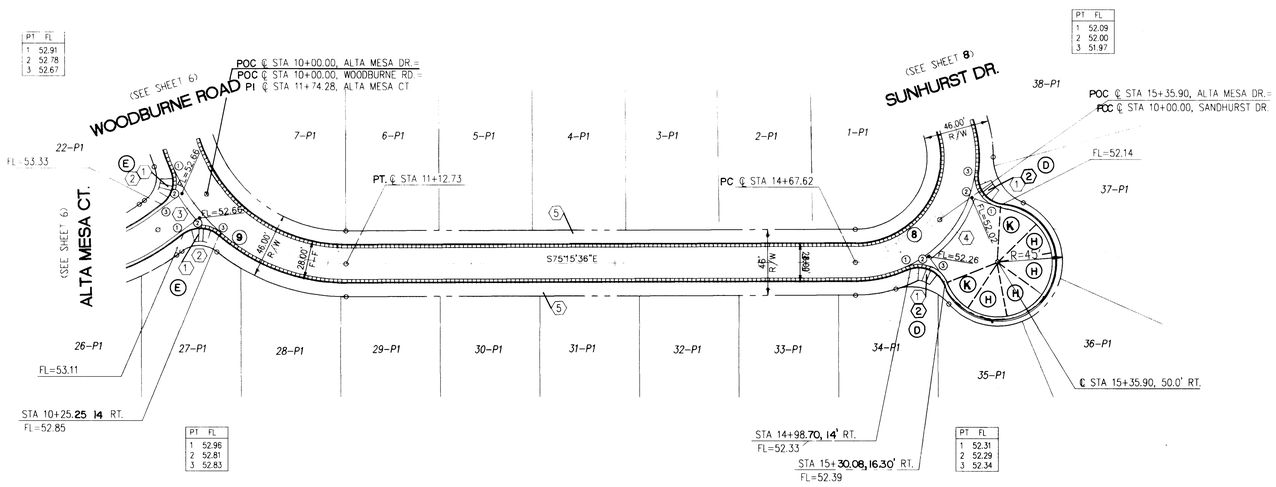
PROJECT NO. 4905.90
MAP NO. B-12
SHEET 6 OF 18

SCANNED BY BY LASON

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

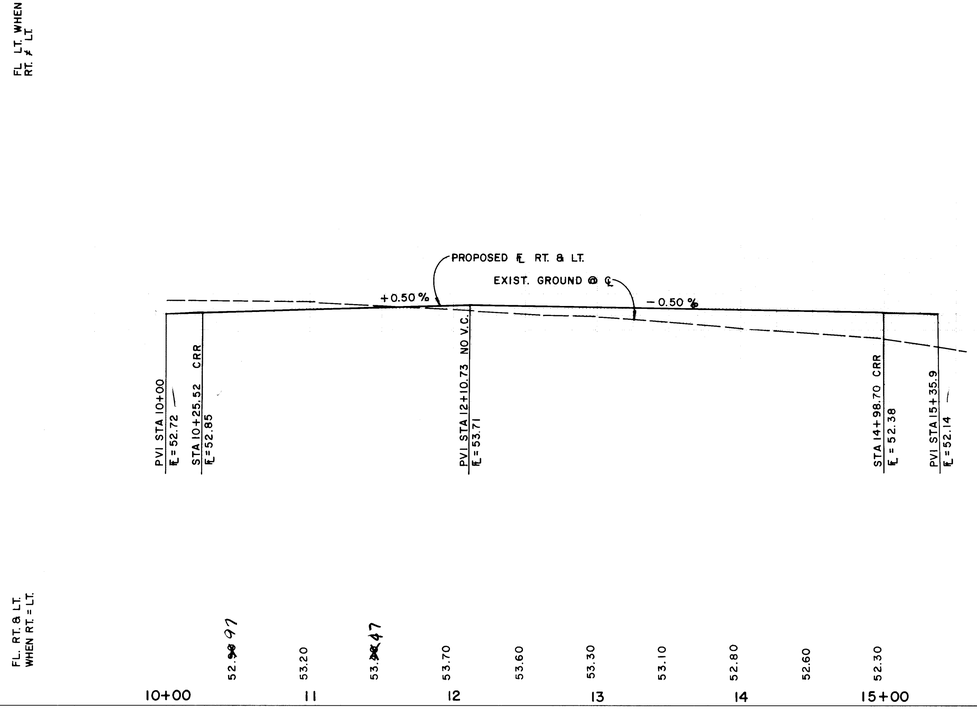
⑨ ℄ CURVE DATA
R= 120.00'
L= 112.73'
Δ= 053°49'29"
T= 60.91
CH= N48°20'51"W, 108.63'

⑧ ℄ CURVE DATA
R= 73.00'
L= 68.28'
Δ= 053°35'40"
T= 36.87'
CH= S77°56'34"W, 65.82'



ALTA MESA N.W.

(STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING)



SCANNED BY BY LASON

LEGEND

- • FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊗ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- FLOW ARROW
- CROWN TRANSITION

0 12 25 50 100 150
GRAPHIC SCALE IN FEET

KEYNOTES

1. WHEELCHAIR RAMP PER COA STD. DWG. 2441, CASE 2
2. MOUNTABLE TO STANDARD CURB TRANSITION PER STD. DWG. 2418.
3. CONC. VALLEY GUTTER PER SOA STD. DWG. 2420.
4. CONC. VALLEY GUTTER PER COA STD. DWG. 2421
5. FUTURE 4' SIDEWALK, BY OTHERS
   SEE SHEET 5 FOR CORRECT LOCATION.
6. PROPOSED 4' SIDEWALK, THIS CONTRACT
7. 50' CROWN TRANSITION PER COA STD. DWG. 2401

CURB CURVE DATA

CURVE IDEN	RADIUS	ARC	DELTA
A	30.00	46.22	088-16-30
B	20.00	31.86	091-16-51
C	20.00	24.23	069-24-27
D	20.00	31.54	090-21-25
E	20.00	27.16	077-49-00
F	35.00	28.87	047-16-04
G	40.00	24.11	034-32-06
H	40.00	28.04	040-10-09
I	35.00	27.95	045-45-21
J	40.00	23.40	033-31-03
K	40.00	27.38	039-12-51

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
-	COMMUNITY SCIENCES	1/93

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM "TABLET" SET IN CONCRETE STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIWAN AVE. N.W. SUD 1929 ELEVATION = 5273.83

AS BUILT INFORMATION

CONTRACTOR	CCI	DATE 9-94
WORK STAKED BY	Bytes	DATE 9-94
INSPECTORS ACCEPTANCE BY	AUS	DATE 9-94
VERIFICATION BY	AUS	DATE 9-94
DRAWINGS CORRECTED BY	AUS	DATE 9-94
MICRO-FILM INFORMATION RECORDED BY		DATE
		NO

ENGINEER'S SEAL
D. R. Bohannan 11674 REGISTERED PROFESSIONAL ENGINEER N.M.
5-4-94

NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY JDH DATE MAY 1993
DRAWN BY AM DATE MAY 1993
CHECKED BY DATE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 9 0 5 . 9 0 0 7 9 5

SCALE: 1"= 50' HORIZ. 1"=10' VERT
JOB NO. 25205-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS - UNIT1
PAVING PLAN & PROFILE
ALTA MESA DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		7-13-94	WASTE WATER	N/A	5/18/94
HYDROLOGY		5-18-94	A.M.A.F.C.A.		

PROJECT NO. 4905.90 | MAP NO. B-12 | SHEET 7 OF 18

25205\SHT7.DWG

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

⑦ ℄ CURVE DATA
R= 73.00'
L= 68.79'
Δ= 05°59'26"
T= 37.19'
CH= N24°09'01"W, 66.27'

⑥ ℄ CURVE DATA
R= 923.00'
L= 191.77'
Δ= 011°54'14"
T= 96.23'
CH= N03°06'25"E, 191.42'

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET:

(SEE SHEET 6)

WOODBURNE ROAD

POC ℄ STA 14+64.47, SANDHURST DR.=
PI STA 10+00.00, GREEN MEADOW DR.=
POC ℄ STA 15+10.48, WOODBURNE RD

GREEN MEADOW DR.
(SEE THIS SHEET)

STA 14+49.40 ℄ CB
STA 14+42.46 EDGE OF CB
R 14+15.69
POC ℄ STA. 13+22.54

S02°12'08"E
32' R/W
45'

PT FL
1 50.11
2 50.22
3 50.32

(SEE SHEET 7)

ALTA MESA DR.

POC ℄ STA 15+35.90, ALTA MESA DR.=
POC ℄ STA 10+00.00, SANDHURST DR

PT FL
1 52.31
2 52.29
3 52.34

PRC ℄ STA 12+60.55
PRC ℄ STA 13+92.75

STA 14+27.70, 14' RT.
FL=50.00

STA 13+64.81, 14' RT.
FL=50.32

STA 13+51.30, 28.70' RT.
FL=50.47

STA 15+35.90, 50.0' RT.
FL=52.42

PT FL
1 50.43
2 50.38
3 50.37

PT.℄ STA 10+68.79

TRACT A

℄ STA 13+22.54, 30' RT.

STA 10+23.72, 35.98' RT.
FL=52.14

STA 12+80.26, 14' RT.
FL=50.74

STA 10+37.20, 14' RT.
FL=51.95

PT FL
1 52.09
2 52.00
3 51.97

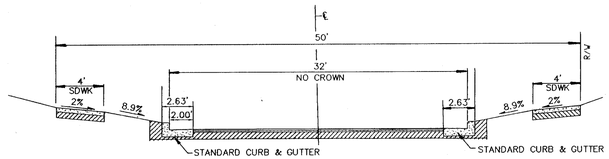
PT FL
1 50.72
2 50.68
3 50.71

STA 12+93.78, 28.70 RT.
FL=50.74

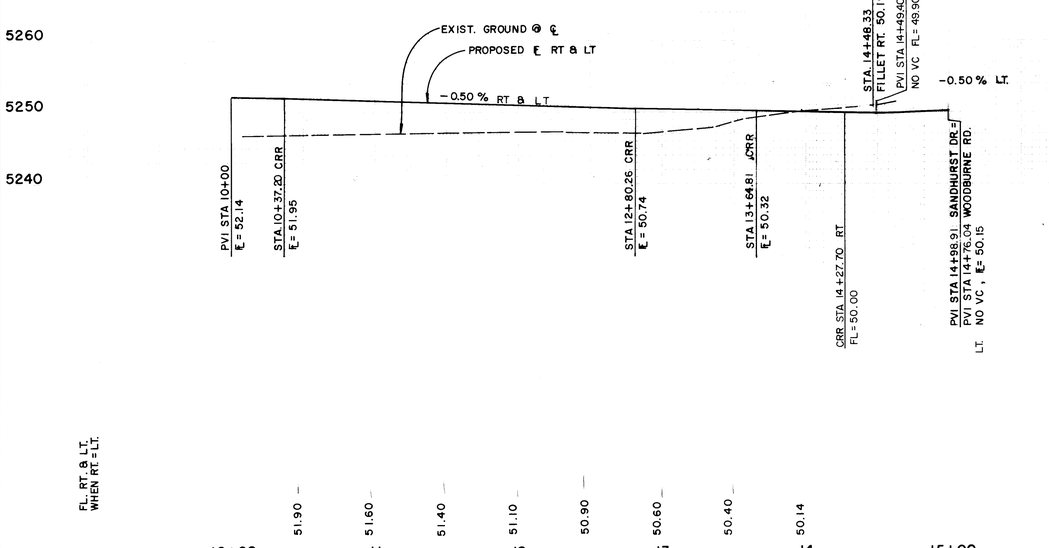
⑤ ℄ CURVE DATA
R= 73.00'
L= 132.20'
Δ= 103°45'40"
T= 93.04'
CH= S42°49'18"E, 114.86'

④ ℄ CURVE DATA
R= 1643.67'
L= 71.71'
Δ= 002°30'00"
T= 35.86'
CH= S86°32'52"W, 71.71'

SANDHURST DRIVE N.W.
(STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING)



SECTION G-G
N.T.S.



GRAPHIC SCALE 0 2 25 50 100 150 IN FEET:

(SEE SHEET 6)

WOODBURNE ROAD

PT FL
1 50.43
2 50.38
3 50.29

PT FL
1 49.90
2 50.10
3 50.00

16-P1
STA 10+34.40, 16.0' LT.
FL=50.47

11-P1
FL=50.20
12-P1
13-P1

STA 11+16.19, 16.0' LT.
FL=50.11
15-P1
45-P1

FL=50.0±
CURB RETURN, MATCH EXISTING ELEV.

FL=49.58
FL=49.11

S02°12'08"E
TP 50.60
50' R/W
32'

℄ STA 11+86.00

FL=48.67±
CURB RETURN, MATCH EXISTING ELEV.

P.I ℄ STA 10+00.00, GREEN MEADOW DR.=
POC ℄ STA 14+64.47, SANDHURST DR.=
POC ℄ STA 15+10.48, WOODBURNE RD.

FL=50.00

IRVING BOULEVARD N.W.

SANDHURST DR.
(SEE THIS SHEET)

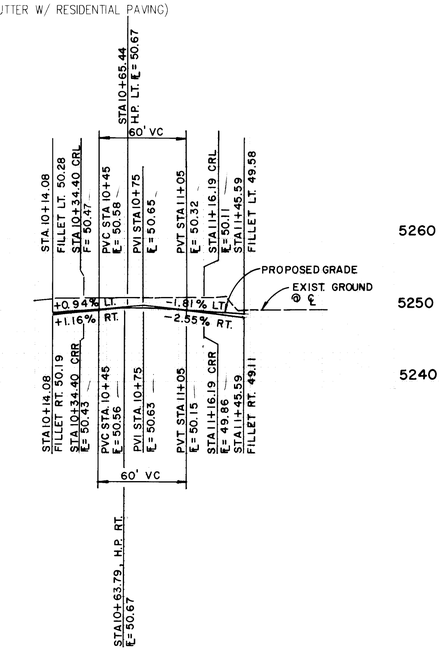
STA 10+34.40, 16.0' RT.
FL=50.43

STA 11+16.19, 16.0' RT.
FL=49.86

PT FL
1 50.11
2 50.22
3 50.32

PT FL
1 49.56
2 49.26
3 48.97

GREEN MEADOW DRIVE N.W.
(STANDARD CURB & GUTTER W/ RESIDENTIAL PAVING)



LEGEND

- FL=74.11 — PROPOSED CURB FLOWLINE ELEVATION
- 73.6 ⊗ — EXISTING SPOT ELEVATION (GRND & TC)
- PROPOSED VALLEY GUTTER/ SIDEWALK
- EXISTING CURB & GUTTER
- PROPOSED MOUNTABLE CURB & GUTTER
- PROPOSED STANDARD CURB & GUTTER
- FLOW ARROW
- CROWN TRANSITION

KEYNOTES

1. WHEELCHAIR RAMP PER COA STD DWG. 2441, CASE 2.
2. MOUNTABLE TO STANDARD CURB TRANSITION PER STD DWG 2418
3. CONC VALLEY GUTTER PER SOA STD DWG. 2420.
4. CONC. VALLEY GUTTER PER COA STD. DWG. 2421
5. FUTURE 4' SIDEWALK, BY OTHERS **SEE SHEET 5 FOR CORRECT LOCATION**
6. PROPOSED 4' SIDEWALK, THIS CONTRACT.
7. 50' CROWN TRANSITION PER COA STD. DWG. 2401.
8. PROPOSED 6' SIDEWALK, THIS CONTRACT.

CURB CURVE DATA

CURVE IDEN	RADIUS	ARC	DELTA
A	30.00	46.22	088-16-30
B	20.00	31.86	091-16-51
C	20.00	24.23	069-24-27
D	20.00	31.54	090-21-25
E	20.00	27.16	077-49-00
F	35.00	28.87	047-16-04
G	40.00	24.11	034-32-06
H	40.00	28.04	040-10-09
I	35.00	27.95	045-45-21
J	40.00	23.40	033-31-03
K	40.00	27.38	039-12-51

SURVEY INFORMATION — BENCH MARKS — AS BUILT INFORMATION

FIELD NOTES BY: COMMUNITY SCIENCES — DATE: 1/93

BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE. STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. SLD. 1929 ELEVATION = 5213.83

CONTRACTOR: CSC — DATE: 9-94
WORK STAKED BY: BGS — DATE: 9-5-95
INSPECTORS: — DATE:
ACCEPTANCE BY: — DATE:
FIELD VERIFICATION BY: BGS — DATE: 9-94
DRAWINGS CORRECTED BY: ALS — DATE: 2-95
MICRO-FILM INFORMATION
RECORDED BY: — DATE:

NO.	DATE	REMARKS	BY
1	8/10/94	Relocate Inlets A & C	TJB

DESIGNED BY: JDH — DATE: MAY 1993
DRAWN BY: AM — DATE: MAY 1993
CHECKED BY: — DATE:

ENGINEER'S SEAL

SCANNED BY BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16
26 4905.9006195

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

JOB NO. 25205-041

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

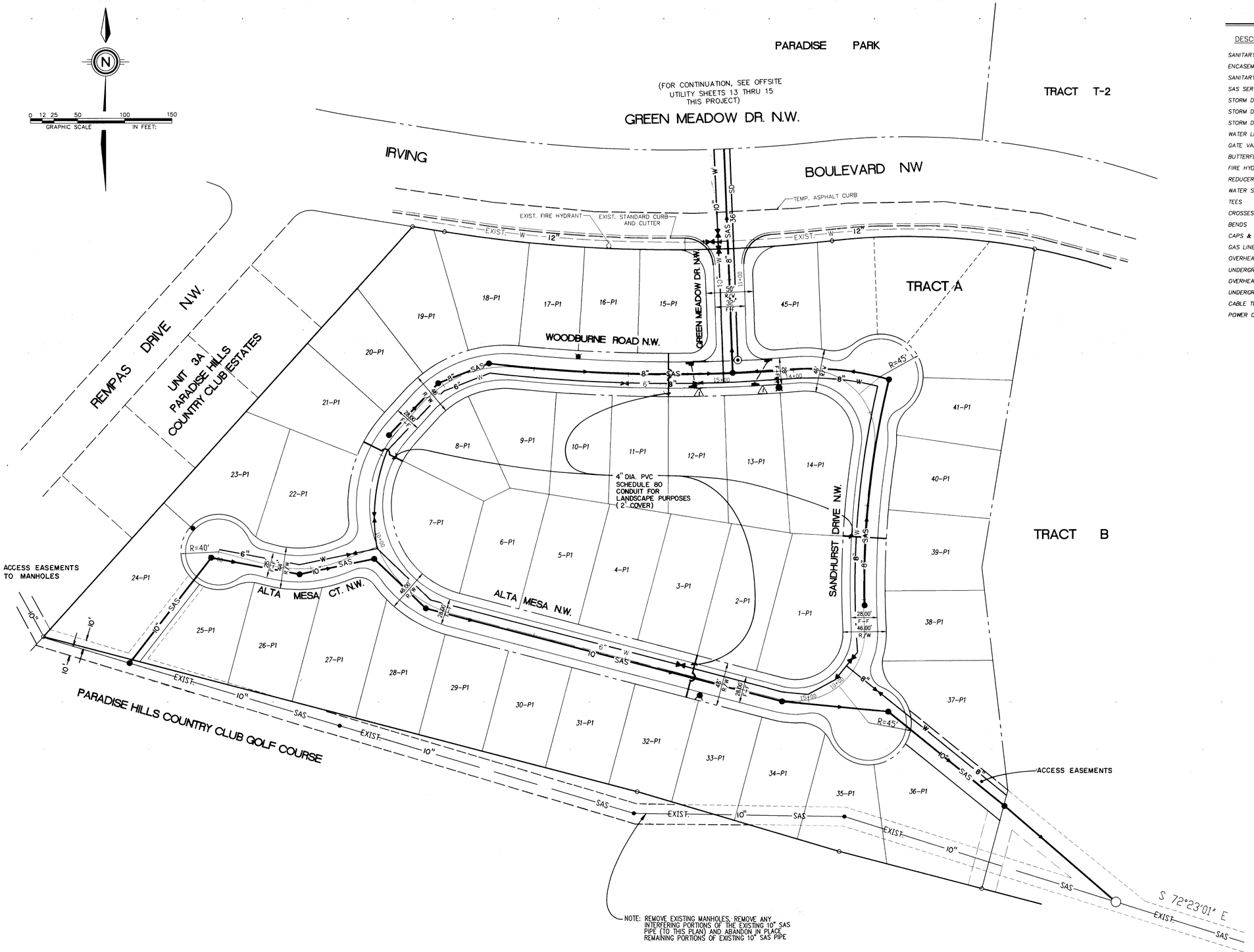
TITLE: PARADISE GREENS - UNIT1
PAVING PLAN & PROFILE
SANDHURST DR. & GREEN MEADOW DR. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Sandoval	7-13-94	WATER	N/A	
TRANSPORTATION		5-12-94	WASTE WATER		5/13/94
HYDROLOGY		7-15-94	A.M.A.F.C.A.		11/11/94

PROJECT NO. 4905.90 — MAP NO. B-12 — SHEET 8 OF 18

25205 Sh 18

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	S 8"	S 8"
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE	SD 30"	SD 30"
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	W 6"	W 6"
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	2" H.P.
OVERHEAD ELECTRICAL LINE	N/A	OHE
UNDERGROUND ELECTRICAL	N/A	UGE
OVERHEAD TELEPHONE	N/A	OHT
UNDERGROUND TELEPHONE	N/A	UGT
CABLE TELEVISION	N/A	CATV
POWER OR TELEPHONE POLE	N/A	

SCANNED BY BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
216 4905.90 B-12 5

AS BUILT INFORMATION
CONTRACTOR CCM
WORK STAKED BY [illegible] DATE 9/95
ACCEPTANCE BY [illegible] DATE 8/95
FIELD VERIFICATION BY [illegible] DATE 9/95
DRAWINGS CORRECTED BY JLS DATE 2/95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE
STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. SLD 1929 ELEVATION = 5273.83

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	11/93

ENGINEER'S SEAL
JOHN D. HENDRIX 10674 NEW MEXICO 5-18-94

NO.	DATE	REVISIONS	BY
1	6/10/94	Revised Inlet Locations	JDH
		DESIGN	AM
		REMARKS	

DESIGNED BY JDH DATE
DRAWN BY AM DATE
CHECKED BY DATE

DATE: MARCH, 1994
SCALE: 1"= 50'
DESIGNED: JDH
DRAWN: AM
JOB NO.: 056 25205-055

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

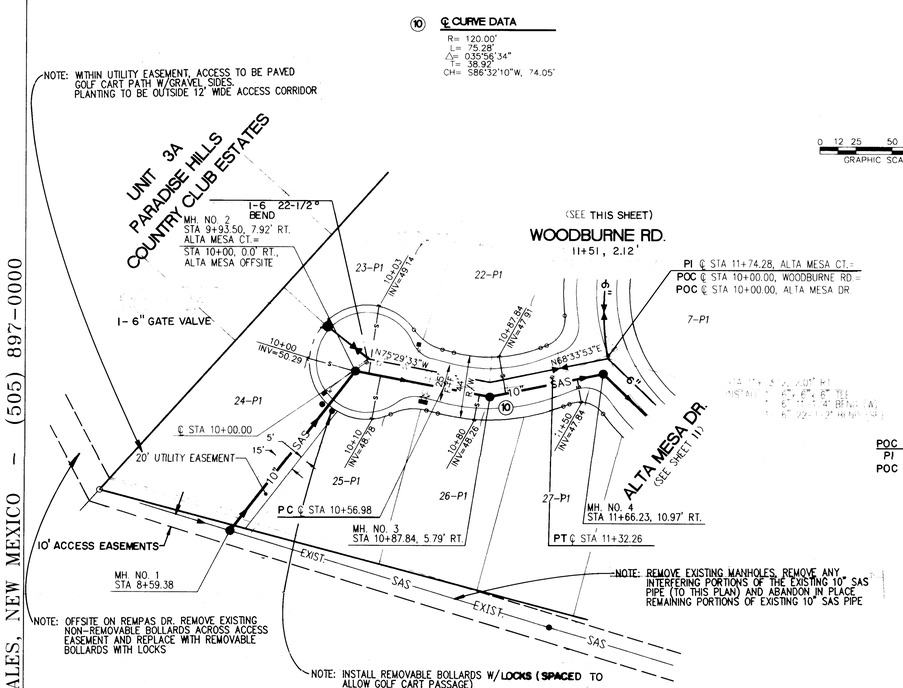
TITLE: PARADISE GREENS - UNIT 1
COMPOSITE UTILITY PLAN

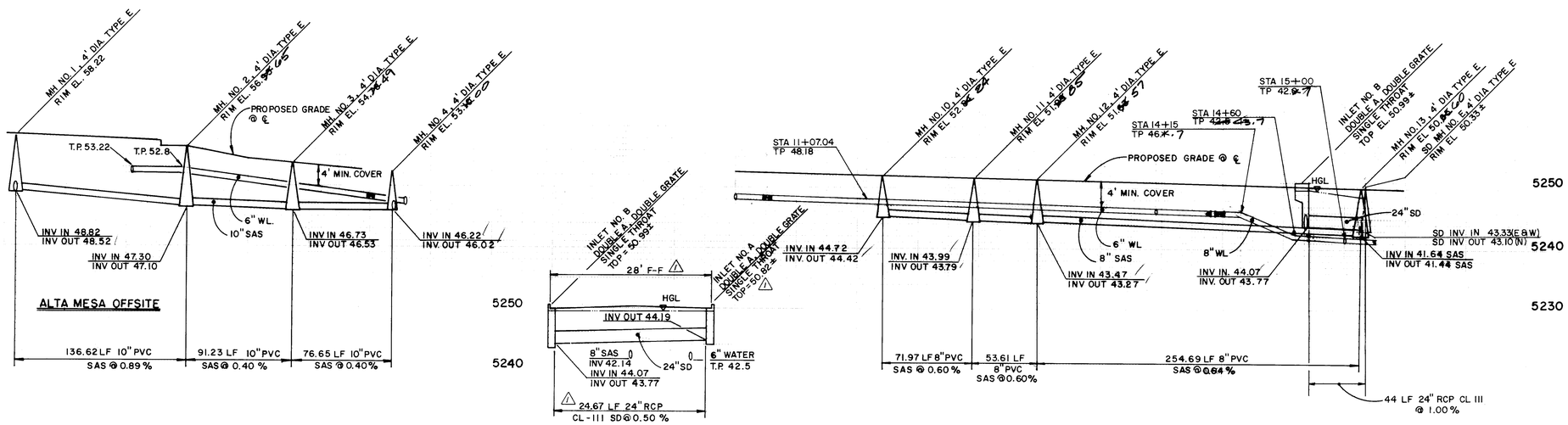
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[illegible]	7-13-94	WATER	[illegible]	5/18/94
TRANSPORTATION	[illegible]	5-18-94	WASTE WATER		
HYDROLOGY	[illegible]	5-16-94	AMAFCA		
			NMUI	[illegible]	5-11-94

PROJECT NO. 4905.90 MAP NO. B-12 SHEET 9 OF 18

25205\SHT9.DWG

COMMUNITY SCIENCES CORPORATION – CORRALES, NEW MEXICO – (505) 897-0000





UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	S 8"	S 8"
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE		50 30
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE		
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

AS BUILT INFORMATION
CONTRACTOR CCI
WORK STAKE BY DRS DATE 7/97
INSPECTED BY Rael DATE 9/97
ACCEPTANCE BY LLS DATE 9/97
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY LLS DATE 9/97
MICRO-FILM INFORMATION
RECORDED BY DATE
NO

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE
STAMPED "HCS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING
BLVD. N.W. AND TAMAYA AVE. N.W. SLD 1929 ELEVATION = 5273.83

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

ENGINEER'S SEAL
5-14-94

Revised Inlet/FH & Service Locations 10/8

NO.	DATE	REMARKS	BY
2	8/10/94	REVISIONS DESIGN	JDH

DESIGNED BY JDH DATE MAY 1993
DRAWN BY AM DATE MAY 1993
CHECKED BY DATE

SCANNED BY BY LASON
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4905-90 B12

SCALE: 1" = 50', HORIZ. 1" = 10', VERT.
JOB NO: 056 25205-055
community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS – UNIT 1
UTILITY PLAN & PROFILE
ALTA MESA CT. & WOODBURNE RD. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Soulsby	7-13-94	WATER	G.R. Keller	5/18/94
TRANSPORTATION	N/A RHD	5-18-94	WASTE WATER		
HYDROLOGY	[illegible]	6-16-94	A.M.A.F.C.A.		
			NMUI	[illegible]	5-17-94

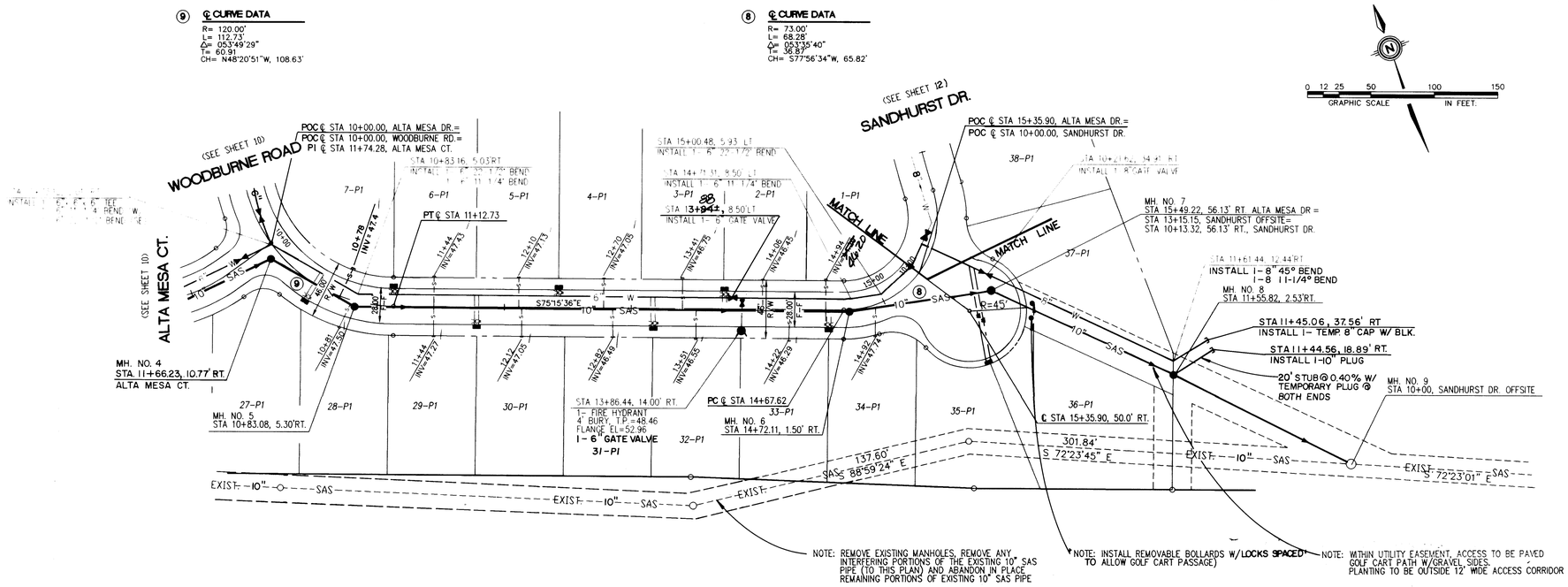
PROJECT NO. 4905.90
MAP NO. B-12
SHEET 10 OF 18

25205\SHT1C.DWG

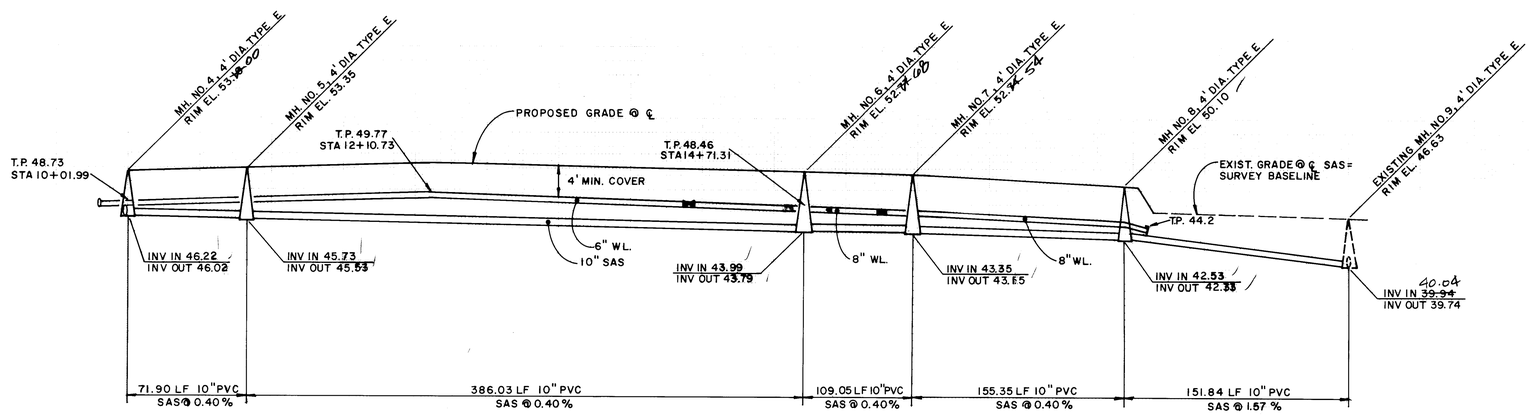
COMMUNITY SCIENCES CORPORATION - (505) 897-0000 - CORRALES, NEW MEXICO

(9) ℄ CURVE DATA
R= 120.00'
L= 112.73'
Δ= 053°49'29"
T= 60.91
CH= N48°20'51"W, 108.63'

(8) ℄ CURVE DATA
R= 73.00'
L= 68.28'
Δ= 053°35'40"
T= 36.87'
CH= S77°56'34"W, 65.82'



ALTA MESA N.W.



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	S 8"	S 8"
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE	SD 30"	SD 30"
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	W 8"	W 8"
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		
GAS LINES	N/A	G 4" H.P.
OVERHEAD ELECTRICAL LINE	N/A	
UNDERGROUND ELECTRICAL	N/A	
OVERHEAD TELEPHONE	N/A	
UNDERGROUND TELEPHONE	N/A	
CABLE TELEVISION	N/A	
POWER OR TELEPHONE POLE	N/A	O

GRAPHIC SCALE 0 12 25 50 100 150 IN FEET

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE
STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIWAN AVE. N.W. SLD 1929 ELEVATION = 5273.83

AS BUILT INFORMATION

CONTRACTOR	CSC	
WORK STAKED BY	CSC	DATE 9-94
INSPECTED BY	RGS	DATE 2-95
ACCEPTANCE BY	RGS	DATE 9-95
FIELD VERIFICATION BY	RGS	DATE 9-95
DRAWINGS CORRECTED BY	RGS	DATE 2-95
MICRO-FILM INFORMATION		
RECORDED BY		
DATE		
NO.		

ENGINEER'S SEAL
James D. Strozier 5-4-94

NO.	DATE	REMARKS
		REVISIONS
		DESIGN

DESIGNED BY JDH DATE MAY 1993
DRAWN BY AM DATE MAY 1993
CHECKED BY DATE

SCANNED BY BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 9 0 5 . 9 0 1 1 8 5

SCALE: 1"= 50', HORIZ. 1"= 10', VERT.
JOB NO. 25205-055
community sciences corporation
LAND PLANNING ENGINEERING SURVEYING
P.O. Box 1328 Corrales, N.M. 87048

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS - UNIT 1
UTILITY PLAN & PROFILE
ALTA MESA DRIVE N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		7-13-94	WATER		5/10/94
TRANSPORTATION		5-1-94	WASTE WATER		
HYDROLOGY		5-26-94	A.M.A.F.C.A.		
			N.M.U.I.		5-11-94

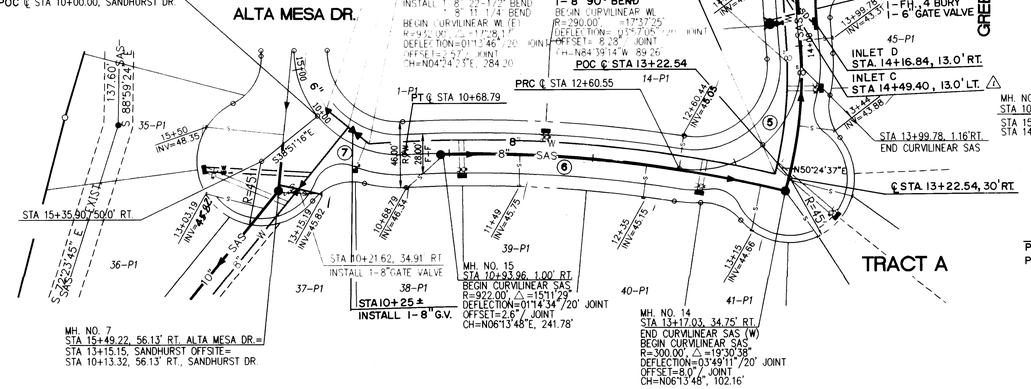
PROJECT NO. 4905.90
MAP NO. B-12
SHEET 11 OF 18

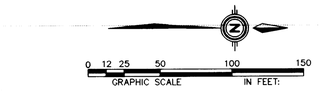
25205\SHT12\UTIL

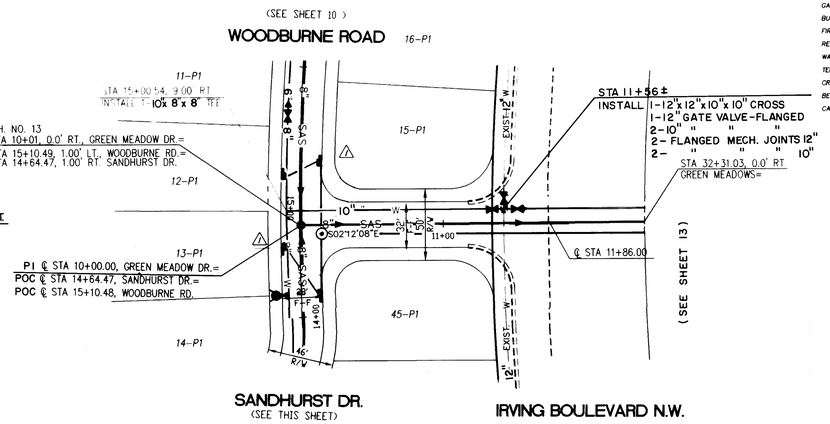
COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

⑦ ℄ CURVE DATA
R= 73.00'
L= 68.79'
Δ= 053°59'26"
T= 37.19'
CH= N24°09'01"W, 66.27'

⑥ ℄ CURVE DATA
R= 923.00'
L= 191.77'
Δ= 011°54'14"
T= 96.23'
CH= N03°06'25"E, 191.42'







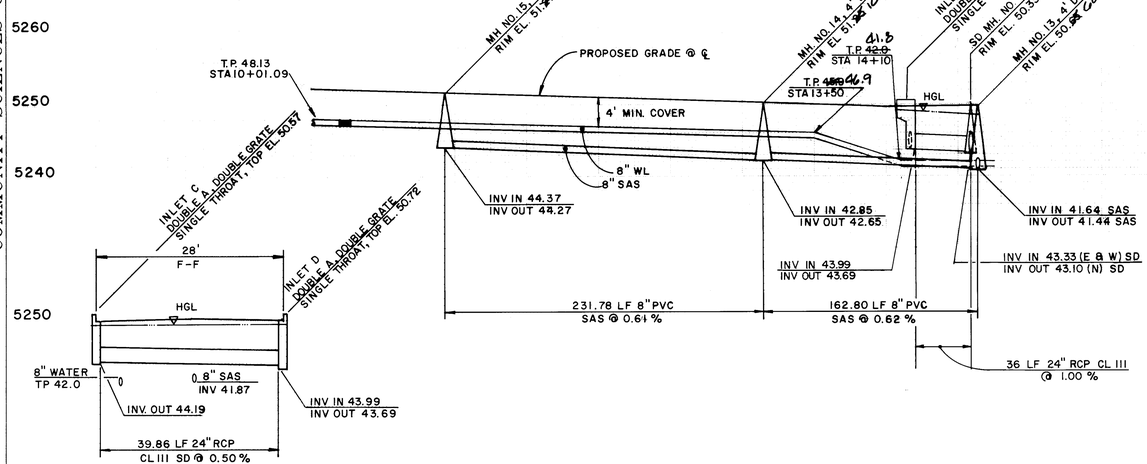
UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	—S—8"—	—S—8"—
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	—S—	—S—
STORM DRAIN LINE		-SD- -30"-
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	A A	A A
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

⑤ ℄ CURVE DATA
R= 73.00'
L= 132.20'
Δ= 103°45'40"
T= 93.04'
CH= S42°49'18"E, 114.86'

④ ℄ CURVE DATA
R= 1643.67'
L= 71.71'
Δ= 002°30'00"
T= 35.86'
CH= S86°32'52"W, 71.71'

SANDHURST DRIVE



SANDHURST DR., STA 14+17 ±
SCALE: 1" = 10' HORIZ.
1" = 10' VERT.

10+00 11 12 13 14 15+00

(SEE SHEET 13 FOR PROFILE)
GREEN MEADOW DRIVE

SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
20 4905.90 1 2 5

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

BENCH MARKS
BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. S.L.D. 1929 ELEVATION = 5273.83

AS BUILT INFORMATION
CONTRACTOR: CSI DATE 9-94
STAKE BY: ACS DATE 2-95
INSPECTOR'S INITIALS: RJ DATE 9-94
FIELD VERIFICATION BY: ACS DATE 9-94
AS BUILTED BY: ACS DATE 2-95
CORRECTED BY: ACS DATE 2-95
MICRO-FILM INFORMATION
RECORDED BY: DATE
NO

ENGINEER'S SEAL
JAMES D. HOLLOWELL
NEW MEXICO
15174
REGISTERED PROFESSIONAL ENGINEER
7-7-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	NB
1	8/10/94	Revised Inlet Locations	
		DESIGNED BY: JDH DATE: MAY 1993	
		DRAWN BY: AM DATE: MAY 1993	
		CHECKED BY: DATE	

SCALE:
1" = 50', HORIZ.
1" = 10', VERT.
JOB NO. 056 25205-055

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS - UNIT 1
UTILITY PLAN & PROFILE
SANDHURST DR. & GREEN MEADOW DR. N.W.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		7-13-94	WASTE WATER		6/10/94
HYDROLOGY		5-18-94	A.M.A.F.C.A.		
		5-28-94	NMUI		5-11-94

PROJECT NO. 4905.90
MAP NO. B-12
SHEET 12 OF 18

25205/SH12/UTIL

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

Ⓐ ℄ CURVE DATA
R=180.00'
L=134.11'
Δ=042°41'14"

Ⓑ ℄ CURVE DATA
R=300.00'
L=92.16'
Δ=017°36'02"

Ⓒ ℄ CURVE DATA
R=300.00'
L=86.18'
Δ=016°27'36"

SCALE: 1"= 50'
0 12 25 50 100 150
GRAPHIC SCALE IN FEET

UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	S 8"	S 8"
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE	SD 30"	SD 30"
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	W	W
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

IRVING BLVD. N.W.

(SEE SHEET 14)
CEDAR SPRINGS DR.

4 L.F. 24" RCP
CLASS III, STUB @ 1.0%

20 L.F. 8" SAS PVC
STUB @ 0.6%

SAS MH #20A
STA. 25+49.61, 1.65 RT.

PT STA. 26+~~63.84~~ 60.49 .000' RT
END CURVILINEAR SAS

SD MH #M
STA. 25+54.74, 8.33' LT.

℄ PC. STA. 25+26.38

SD MH #N
STA. 24+94.48, 14.20' LT.

SAS MH #20
STA. 24+88.45, 0.00 RT.

SD MH #L
STA. 26+32.12, 8.33' LT.

SAS MH #19
STA. 27+70.50, 0.00 RT

PRC STA. 30+38.80, GREEN MEADOW DR. (FUTURE)

SD MH #K
STA 29+82.09, 8.15' LT

SD MH #J
STA. 30+78.74, 2.44' LT

SD MH #I
STA. 31+91.50, 6.00' LT.

SD MH #F
STA. 32+66.08, 6.00' LT.

SD MH #E
STA. 34+03.52, 6.00' LT.

STA 11+56 ±
INSTALL 1-12" 12" 10" 10" CROSS
1-12" GATE VALVE-FLANGED
2-10" " " "
2-FLANGED MECH. JOINTS 12" 10"
2- " " "

INLET "D"
INLET "C"
SAS MH #13
STA. 34+16.11, 0.00' LT.
℄ P.I. STA. 34+17.11, GREEN MEADOWS DR

℄ FUTURE STREETS= SURVEY BASELINE

S 03°19'43" E
S 02°11'18" E
S 02°12'08" E

SAS MH #18
STA. 29+06.14, 0.00 RT.

20 L.F. 8" SAS PVC
STUB @ 4%

SAS MH #17
STA. 30+74.49, 4.34' RT.
END CURVILINEAR SAS

PT STA. 31+24.98, GREEN MEADOW DR. (FUTURE)

PC STA. 29+46.64
BEGIN CURVILINEAR SAS
R=300.00'
L=128.38'
Δ =03°49'11"/20' JOINT

SAS MH #16
STA. 31+85.05 0.00' RT.

20 L.F. 24" RCP
CLASS III, STUB @ 0.5%
S 89°43'25" W

STUB W. 10" PVC
4" COVER

STA. 34+05
1-10" 11-1/4°
VERT. BEND
INLET "A"
INLET "B"

WOODBURNE ROAD N.W.
(SEE SHEET 12)

24" SD
INLET "G"
INLET "H"
15-P1
16-P1
6.5'
19'
12.50'
EX. C&G
FUT. C&G
EXIST. WATER LINE - 12"
EX. EDGE OF PAVEMENT

℄ P.I. STA. 32+31.03, GREEN MEADOWS DR.(FUTURE)=
℄ P.I. IRVING BLVD.

℄ P.I. STA. 24+86.95, GREEN MEADOWS DR.(FUTURE)=
℄ P.I. STA. 10+00.00, CEDAR SPRINGS DR. (FUTURE)

20 L.F. 8" SAS PVC
STUB @ 7.2%

20 L.F. 24" RCP
CLASS III, STUB @ 4%

STA. 25+49.61, 165 RT. GREEN MEADOWS DR.(FUTURE)
BEGIN CURVILINEAR SAS
R = 200.00'
L = 114.21'
Δ = 32°43'07"
Δ/20' = 05°43'28"
CH = S 19°41'17"E, 112.66'

BENCH MARK

BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE STAMPED "ACS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. SLD 1929 ELEVATION = 5273.83

AS BUILT INFORMATION

CONTRACTOR CCI DATE 9/94
WORK INSPECTED BY Ayes DATE 2/95
INSPECTORS ACCEPTANCE BY Ayes DATE 2/95
FIELD VERIFICATION BY ACS DATE 2/95
DRAWINGS CHECKED BY ACS DATE 2/95
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

ENGINEER'S SEAL
MANUEL C. ARAGON
NEW MEXICO
10674
REGISTERED PROFESSIONAL ENGINEER
7/8

NO.	DATE	REMARKS	BY	
		REVISIONS		
		DESIGN		DATE MAY 1993
1	8/10/94	Revised Inlet Locations	TJB/TLM	DATE MAY 1993
			DESIGNED BY	
			DRAWN BY	AM/DER DATE
			CHECKED BY	DATE

SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 9 0 5 . 9 0 1 3 4 5

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS - UNIT1
OFFSITE STORM DRAIN & SANITARY SEWER OUTFALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.G. Berkley	7-18-94	WATER		
TRANSPORTATION	N/A QHC	5-18-94	WASTE WATER		
HYDROLOGY		5-18-94	A.M.A.F.C.A.		
			N.M.U.I.		5-11-94

PROJECT NO. 4905.90
MAP NO. B-12
SHEET 13 OF 18

Q_{100}= 61.5 cfs
V_{100}= 12.5 fps
75.34 LF 30" RCP
SD @ 7.32 %

Q_{100}= 77.5 cfs
V_{100}= 15.8 fps
57.00 LF 30" RCP
SD @ 7.21 %

CLEAN-OUT W/CAP
M.H.
TOP VIEW
N.T.S.

Q_{100}= 77.5 cfs
V_{100}= 15.8 fps
347.04 LF 30" RCP
SD @ 8.00 %

Q_{100}= 61.5 cfs
V_{100}= 12.5 fps
93.43 LF 30" RCP
SD @ 7.16 %

Q_{100}= 61.5 cfs
V_{100}= 12.5 fps
110.00 LF 30" RCP
SD @ 4.35 %

Q_{100}= 50.0 cfs
V_{100}= 10.2 fps
69.00 LF 30" RCP
SD @ 0.60%

Q_{100}= 38.4 cfs
V_{100}= 7.8 fps
129.22 LF 30" RCP
SD @ 0.60 %

NOTE: ALL RCP IS CLASS III UNLESS OTHERWISE NOTED.

STREET FS
CLEAN-OUT STRUCTURE W/CAP
8" PIPE
8" SAS
MH.
NO DIRECT OUTLET PIPE
8" TEE OR WYE
96.99 TOP DROP
90° ELBOW
INV IN 91.37
INV OUT 91.17

MODIFIED DROP MH. DETAIL
MH Nº 20A

MH NO 20, 4' DIA TYPE E
RIM EL. 07.80±
MH NO. N, 6' DIA. TYPE E
RIM EL. 07.79±
MH NO 20A, 4' DIA TYPE E
MODIFIED DROP MH - RIM EL 03.44
MH NO. M, 4' DIA TYPE E
RIM EL. 03.21±
MH NO. L, 6' DIA TYPE E
RIM EL. 07.90±
MH NO 19, 4' DIA TYPE E
RIM EL. 19.15±
MH NO 18, 4' DIA TYPE E
RIM EL. 30.00±
MH NO K, 4' DIA TYPE E
RIM EL. 35.91±
MH NO 17, 4' DIA TYPE E
RIM EL 43.38±
MH NO J, 4' DIA TYPE E
RIM EL. 43.73±
MH NO 16, 4' DIA TYPE E
RIM EL 49.81
MH NO I, 6' DIA TYPE E
RIM EL 49.75
MH NO F, 6' DIA TYPE E
RIM EL. 49.15±
MH NO E, 4' DIA TYPE E
RIM EL 50.30±
MH NO 13, 4' DIA TYPE E
RIM EL. 50.50±

EXIST. NATURAL GROUND
FUTURE FINISHED GRADE @ SAS
FUTURE 8" WL.
HGL
30" RCP SD
8" SAS
26+50 ± FUTURE 24" INLET
INV IN 02.08
INV OUT 01.77
INV IN = 02.00(24")(E)
INV IN 11.30
INV OUT 11.10
INV IN 11.30 (E)
INV IN 22.20
INV IN 22.20(W)
INV OUT 22.00
INV IN 30.06
INV OUT 29.76
INV IN 36.99
INV OUT 36.76
INV IN 33.29
INV OUT 33.09
INV IN 40.05
INV OUT 39.85
INV IN 41.97(24"W)
INV IN 41.67 40.50
INV OUT 41.77 40.40
INV IN 42.48(24"W)
INV IN 42.38 41.08
INV OUT 42.28 40.98
INV IN 43.33(E&W)
INV OUT 43.10
INV IN 41.64 (E)
INV IN 41.64 (W)
INV OUT 41.44
T.P. 47.0
T.P. 42.0
30" RCP SD.
30" RCP SD
8" SAS
FINISHED GRADE @ SAS
EX. 12" WL.
INV IN 96.19
INV OUT 95.89
INV IN 91.75 (30")
INV IN 92.00(24" NW)
INV OUT 91.00(36")(E)
INV IN 89.92 (W)
INV IN 90.02
INV OUT 89.82(E)
INV IN 91.37
INV OUT 91.17
TOP DROP 96.99

226.10 LF 8" PVC
SAS @ 0.60 %
108.00 LF 8" PVC
SAS @ 6.07 %
164.88 LF 8" PVC
SAS @ 6.61 %
131.64 LF 8" PVC
SAS @ 8.13 %
217.07 LF 8" PVC
SAS @ 6.50%
57.31 LF 8" PVC
SAS @ 2.00 %

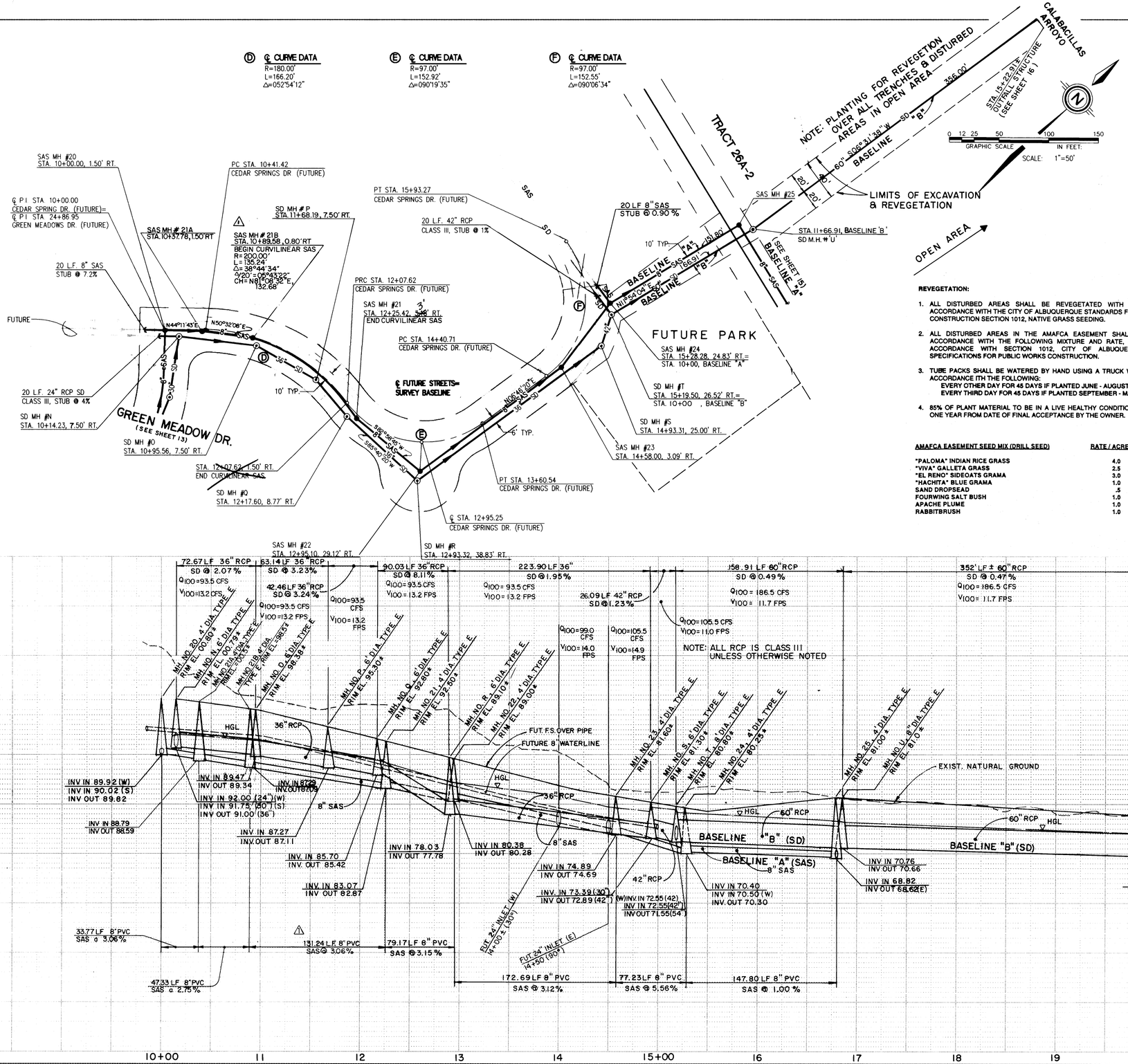
FS OVER PIPE
MH NO. "F", 6' DIA TYPE E, RIM EL. 49.15±
INLET NO. 'G', DOUBLE GRATE TOP=50.84 TYPE DOUBLE 'A', SGL. THROAT
INLET NO. H, DOUBLE GRATE TOP= 51.11 TYPE DOUBLE 'A' SGL. THROAT
INV 43.90
INV OUT 43.60
INV IN 43.36
INV OUT 43.26
INV IN 42.48 (24")
INV IN 42.38 (S)
INV OUT 42.28 (N)
52' LF 24" RCP CL III @ 1.50 %
12 LF 24" RCP, CL. III @ 2.00 %

5250
5240
5230
5220
5210
5200
5190
5180

24 25+00 26 27 28 29 30+00 31 32 33 34 35+00

25205\USH15.DWG

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000



UTILITY LEGEND

DESCRIPTION	PROPOSED	EXISTING
SANITARY SEWER LINE	S 8"	S 8"
ENCASEMENT		
SANITARY SEWER MANHOLE		
SAS SERVICE CONNECTION	S	S
STORM DRAIN LINE	SD 30"	SD 30"
STORM DRAIN MANHOLE		
STORM DRAIN INLETS		
WATER LINE	W 6"	
GATE VALVE		
BUTTERFLY VALVE		
FIRE HYDRANTS		
REDUCERS		
WATER SERVICE/ METER		
TEES		
CROSSES		
BENDS		
CAPS & PLUGS		

REVEGETATION:

1. ALL DISTURBED AREAS SHALL BE REVEGETATED WITH NATIVE SEED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARDS FOR PUBLIC WORKS CONSTRUCTION SECTION 1012, NATIVE GRASS SEEDING.
2. ALL DISTURBED AREAS IN THE AMAFCA EASEMENT SHALL BE SEEDED IN ACCORDANCE WITH THE FOLLOWING MIXTURE AND RATE, AND MULCHED IN ACCORDANCE WITH SECTION 1012, CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. TUBE PACKS SHALL BE WATERED BY HAND USING A TRUCK WITH A 1' HOSE IN ACCORDANCE ITH THE FOLLOWING:
   EVERY OTHER DAY FOR 45 DAYS IF PLANTED JUNE - AUGUST.
   EVERY THIRD DAY FOR 45 DAYS IF PLANTED SEPTEMBER - MAY.
4. 85% OF PLANT MATERIAL TO BE IN A LIVE HEALTHY CONDITION AT THE END OF ONE YEAR FROM DATE OF FINAL ACCEPTANCE BY THE OWNER.

AMAFCA EASEMENT SEED MIX (DRILL SEED)	RATE / ACRE PLS
"PALOMA" INDIAN RICE GRASS	4.0
"VIVA" GALLETA GRASS	2.5
"EL RENO" SIDEOATS GRAMA	3.0
"HACHITA" BLUE GRAMA	1.0
SAND DROPSEAD	.5
FOURWING SALT BUSH	1.0
APACHE PLUME	1.0
RABBITBRUSH	1.0

WILD FLOWER MIX

EVENING PRIMROSE
CALIFORNIA POPPY
CHOCOLATE FLOWER
BACHELOR BUTTON
OXEYE DAISY
FIREWHEEL
YELLOW CONEFLOWER
MEXICAN HAT
COREOPSIS
SKYROCKET
GAYFEATHER
PRAIRIE ASTER
ROCKY MOUNTAIN PENSTEMAN

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

BENCH MARKS

BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE STAMPED "AMCS, 2-B12, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. SLD 1929 ELEVATION = 5273.83

AS BUILT INFORMATION

CONTRACTOR	CCM	DATE 7-94
WORK INSPECTORS	AMAFCA	DATE 7-94
ACCEPTANCE BY	AMAFCA	DATE 7-94
VERIFICATION BY	ALS	DATE 7-94
DRAWINGS CORRECTED BY	ALS	DATE 7-94

MICRO-FILM INFORMATION

RECORDED BY _____ DATE _____ NO. _____

ENGINEER'S SEAL

NEW MEXICO 11674 REGISTERED PROFESSIONAL ENGINEER
JAMES A. LYLE
Rev 6-22-94

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY T.J.B / T.L.M DATE MAY 1993
DRAWN BY A.M./DER DATE MAY 1993
CHECKED BY DATE

SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 49p5.901495

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS – UNIT1
OFFSITE STORM DRAIN & SANITARY SEWER OUTFALL

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN					
TRANSPORTATION		7-13-94	WATER		6/10/94
HYDROLOGY		5-16-94	WASTE WATER		
		5-26-94	A.M.A.F.C.A.		
			N.M.U.I.		5-11-94

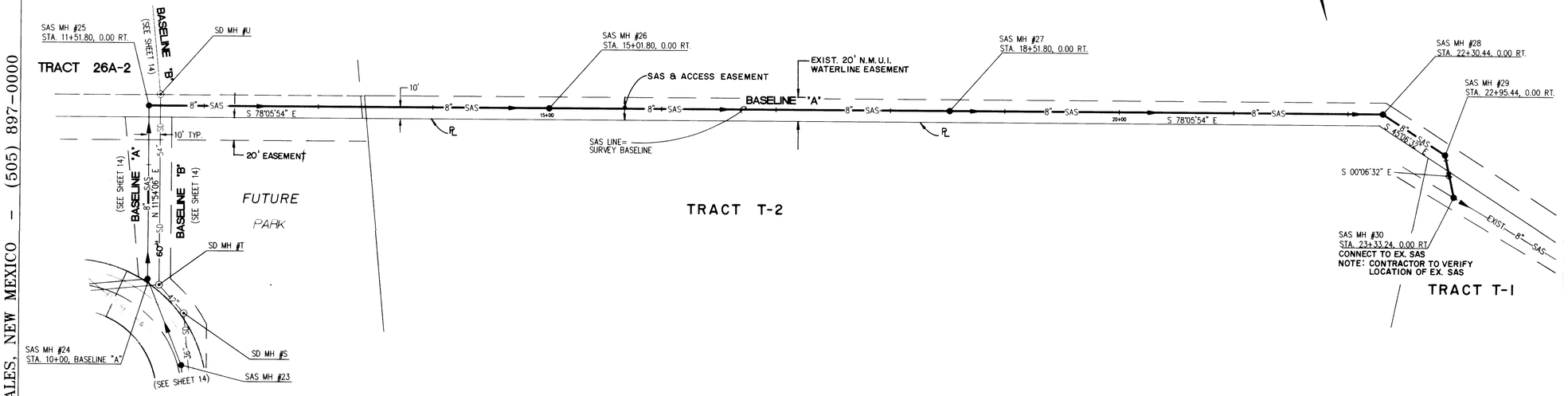
PROJECT NO. 4905.90 | MAP NO. B-12 | SHEET 14 OF 18

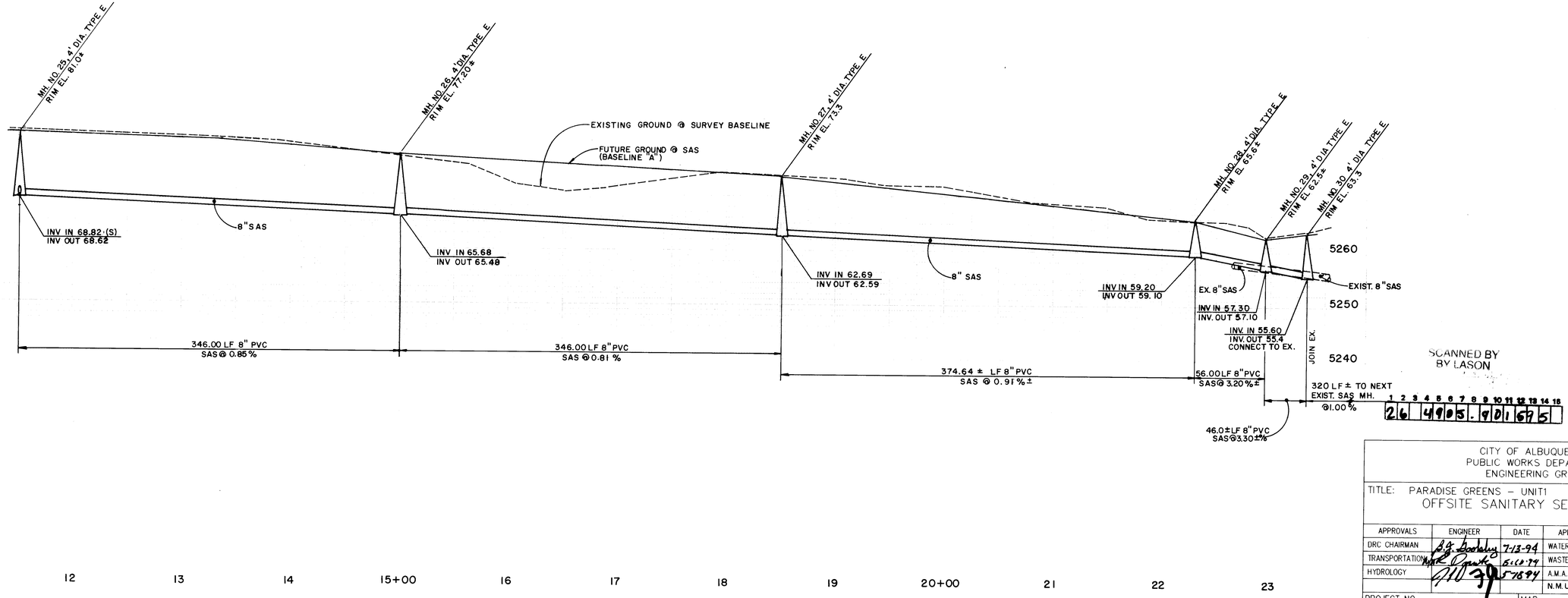
25305\UTSH114.DWG

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

C A L A B A C I L L A S A R R O Y O

SCALE: 1"=50'
0 12 25 50 100 150
GRAPHIC SCALE IN FEET:





SCANNED BY BY LASON

2 6 4905.9 0 1 6 9 5

25205\SH11.DWG

AS BUILT INFORMATION

CONTRACTOR	CCM	
WORK STAKE BY	Aztec	DATE 9/94
WORKMANSHIP ACCEPTANCE BY	BIGGAL	DATE 2/95
FIELD VERIFICATION BY	AUS	DATE 9/94
DRAWINGS CORRECTED BY	AUS	DATE 3/95

MICRO-FILM INFORMATION

RECORDED BY DATE

NO.

BENCH MARKS

BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE STAMPED "ACS, 2-BP2, 1985" LOCATED ON THE SOUTHWEST CORNER OF IRVING BLVD. N.W. AND TIMAN AVE. N.W. SLD 1929 ELEVATION = 5273.83

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1	COMMUNITY SCIENCES	1/93

ENGINEER'S SEAL

NEW MEXICO 11674 REGISTERED PROFESSIONAL ENGINEER

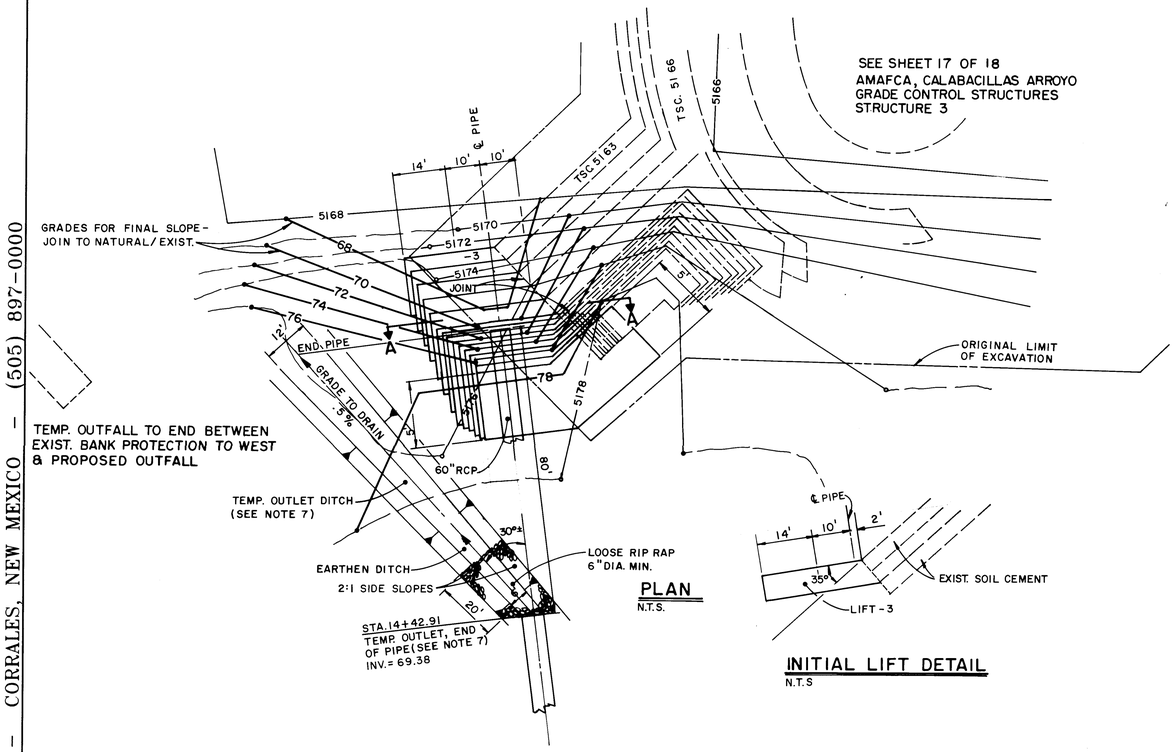
NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	
		DESIGNED BY TJB/TLM	DATE MAY 1993
		DRAWN BY AM/DER	DATE MAY 1993
		CHECKED BY	DATE

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PARADISE GREENS - UNIT1
OFFSITE SANITARY SEWER OUTFALL

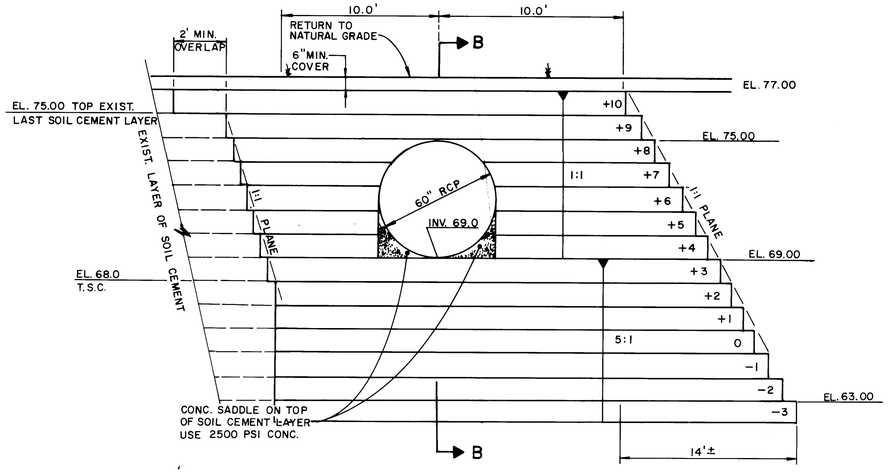
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION		7-13-94	WASTE WATER		9/19/94
HYDROLOGY		6-10-94	A.M.A.F.C.A.		
		5-18-94	N.M.U.I.		5-11-94

PROJECT NO. 4905.90
MAP NO. B-12
SHEET 15 OF 18

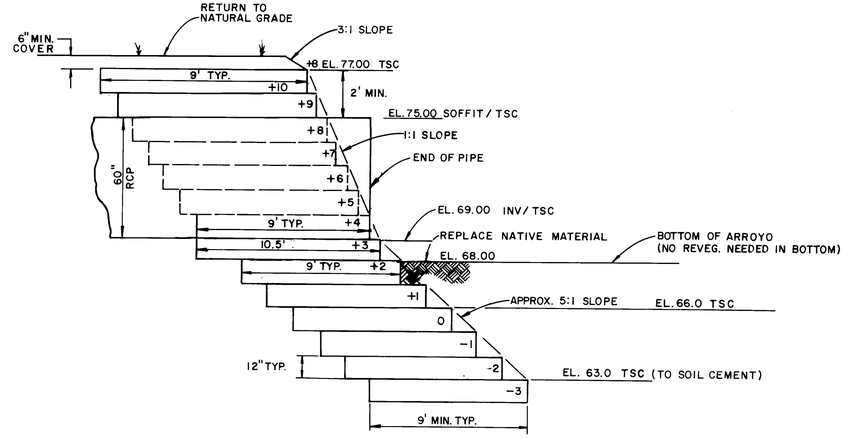


NOTE:

1. SOIL CEMENT SHALL BE IN ACCORDANCE WITH SECTION 624 OF THE AMAFCA STANDARD SPECIFICATIONS DATED DEC. 9, 1992.
2. NO GRADATION "B" SOIL
3. USE 10% CEMENT CONTENT SOIL CEMENT
4. HIGH PRESSURE WASH OF EXISTING SOIL CEMENT SURFACE BEFORE JOINING WITH NEW. BONDING GROUT REQUIRED BETWEEN EXISTING SOIL CEMENT AND NEW SOIL CEMENT.
5. SOIL CEMENT AGGREGATE SHALL BE NATIVE MATERIAL FROM THE BOTTOM OF THE CALABACILLAS ARROYO, FROM WHICH THE +1-1/2" MATERIAL HAS BEEN SCALPED. 10% CEMENT BY WEIGHT SHALL BE THE MINIMUM CEMENT CONTENT.
6. EXPOSED SOIL CEMENT TO HAVE STEEPED EDGES. THIS WILL REQUIRE OVERBUILDING EACH LIFT, COMPACTING AND TRIMMING EDGE BACK TO COMPLETE SOIL CEMENT. TRIMMED EXCESS MAY BE INCORPORATED IN NEXT LIFT IF LESS THAN 1 1/2 HOURS OLD.
7. WORK ADJACENT TO THE CALABACILLAS ARROYO GRADE CONTROL IS RESTRICTED TO PERIOD = SEPT. 15 TO JUNE 15. IF THE STORM DRAIN NEEDS TO BE USED PRIOR TO SEPT. 15, THE TEMP. OUT LET DITCH WILL BE CONSTRUCTED. WHEN THE PERMANENT OUTFALL IS CONSTRUCTED, THIS WILL BE FILLED IN AND REVEGETATED.



SECTION A-A
N.T.S.



SECTION B-B
N.T.S.

SCANNED BY
BY LASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 6 4 9 0 6 . 9 0 1 6 9 5

SURVEY INFORMATION

NO.	FIELD NOTES BY	DATE

BENCH MARKS

BENCHMARK: THE STATION IS A 3-1/4" ALUMINUM TABLET SET IN CONCRETE, STAMPED "ACS, 2-B12, 1985" LOCATED AT THE INTERSECTION OF IRVING BLVD. AND TIMAN AVE. TO REACH THE STATION FROM INTERSECTION OF COORS BLVD. AND IRVING BLVD. GO WEST 2.2 MILES ON IRVING BLVD. TO TIMAN AVE.
SLD 1929 ELEVATION = 5273.83

AS BUILT INFORMATION

CONTRACTOR CCH
WORK STAKE BY AMS DATE 9/94
INSPECTOR'S ACCEPTANCE BY Bob DATE 2/95
FIELD VERIFICATION BY BLS DATE 9/94
DRAWINGS CORRECTED BY JLS DATE 2/95
MICRO-FILM INFORMATION
RECORDED BY
DATE
NO.

ENGINEER'S SEAL
JAMES W. LASON 11674 REGISTERED PROFESSIONAL ENGINEER NEW MEXICO
5-4-94

NO.	REMARKS	DATE	BY
	REVISIONS		
	DESIGN	DATE	DESIGNED BY T.J.B.
		DATE	DRAWN BY A.M.
		DATE	CHECKED BY

DATE:	MARCH, 1994
SCALE:	1"= 50'
DESIGNED:	T.J.B.
DRAWN:	A.M.
JOB NO:	25210-057

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

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

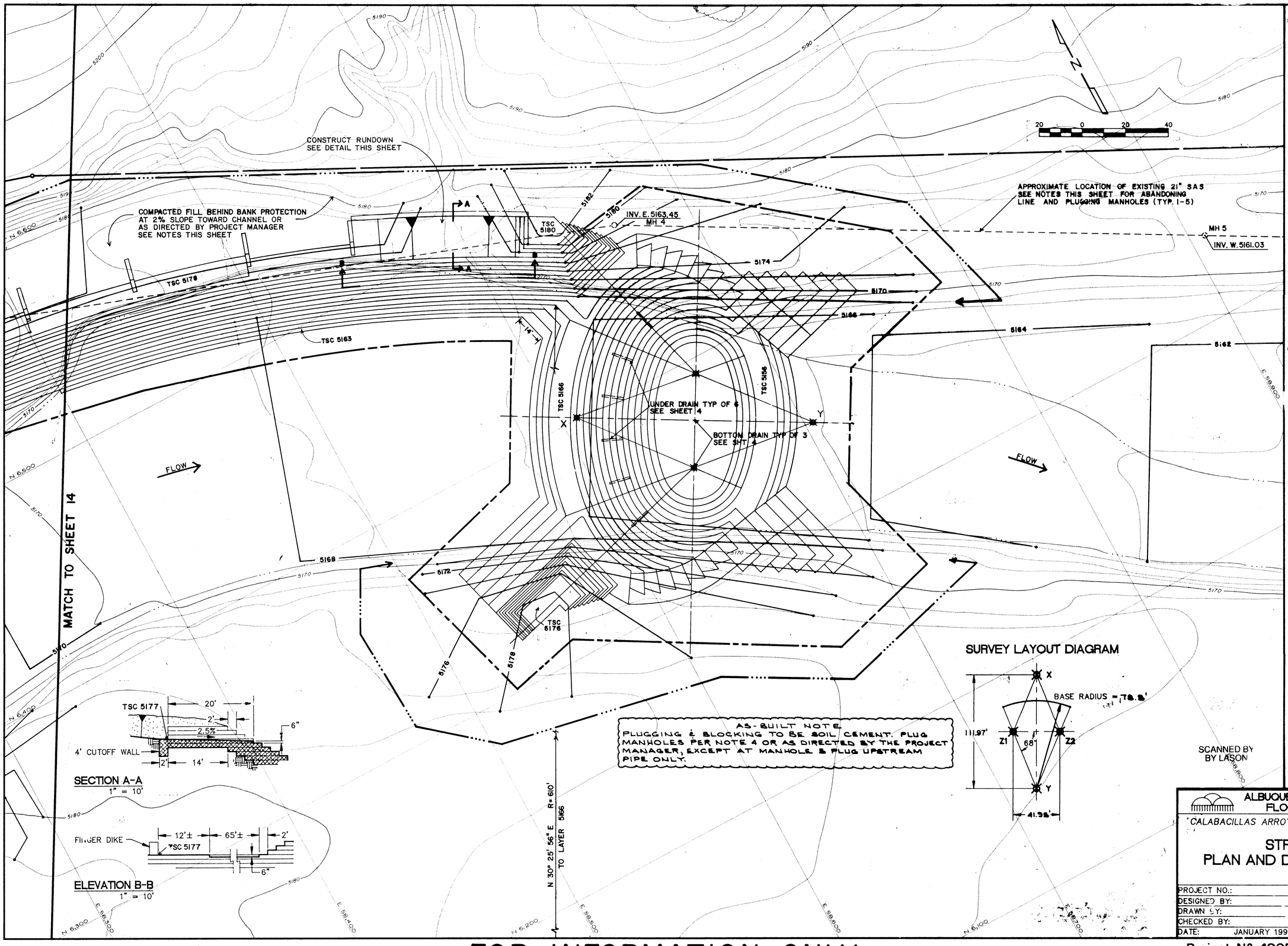
TITLE: PARADISE GREENS- UNIT 1
OFFSITE STORM DRAIN STRUCTURE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER	N/A RWC	11-10-94
TRANSPORTATION	N/A CKP	8-25-94	WASTE WATER	N/A RWC	11-10-94
HYDROLOGY	9/21/94		A.M.A.F.C.A.		June 16, 1994

PROJECT NO. 4905.90 MAP NO. B-12 SHEET 16 OF 18

COMMUNITY SCIENCES CORPORATION - CORRALES, NEW MEXICO - (505) 897-0000

25210\SHT16



SECTION A-A
1" = 10'

ELEVATION B-B
1" = 10'

AS-BUILT NOTE
PLUGGING & BLOCKING TO BE SOIL CEMENT. PLUG MANHOLES PER NOTE 4 OR AS DIRECTED BY THE PROJECT MANAGER, EXCEPT AT MANHOLE 5 PLUG UPSTREAM PIPE ONLY.

SURVEY LAYOUT DIAGRAM

NOTES:

1. The plans show approximate locations for terminating layers in the soil cement bank protection. The Project Manager will determine actual locations in the field.
2. Abandon existing 21-inch sanitary sewer in place as directed below.
3. Manholes. Remove ring and cover to Contractor's designated work area for AMAFCA to salvage. Plug as described below. Remove enough of the cone and barrel to provide 6 in. clearance below overlying soil cement or 2 ft. below final grade. At his option, the contractor may remove unneeded manhole parts for salvage or bury them onsite as directed by the Project Manager. Fill remainder of manhole with dirt compacted to match adjacent conditions. All work related to abandonment of this sewer is incidental to contract.
4. Plugging. Install sandbag blocking 10 ft. into each line to be abandoned, including both sides of manholes. Fill pipe with lean concrete or 2500 psi grout to obtain a good seal as determined by the Project Manager. Fill manholes to 6 in. above top of pipe in a continuous pour.
5. Interference. Where the existing SAS would lie within the proposed soil cement, or less than 6 in. below, incorporate the pipe into the soil cement. Provide at least 2 ft. cover over and on each side of the pipe. Hand tamp adjacent to the pipe and 2 lifts above. The volume of pipe incorporated in the soil cement mass per the plans will be paid for at the soil cement unit price bid.
6. If a portion of the line to be abandoned is broken during construction the Contractor shall plug it as described above, or shall encase it in soil cement or lean concrete as directed by the Project Manager.

SITE-SPECIFIC DIMENSIONS: STRUCTURE 3

LENGTHS		
BASE RADII	WIDTH	Z1-Z2
78.8	112.3	41.55

ELEVATIONS		
UPPER CREST	LEFT DIKE	RIGHT DIKE
5166.0	5180.0	5178.0

PROJECT COORDINATES	N	E
PT X	6401.39	58606.43
PT Y	6346.30	58703.90
BM 101	6031.07	61089.35

BEARINGS / DISTANCES		
BM--> X	S 85d 26' 48" E	4064.14
X --> Y	S 80d 31' 30" E	111.97

ESTIMATED QUANTITIES: STRUCTURE 3
(INCLUDING CONTIGUOUS BANK PROTECTION)

UNCLASSIFIED EXCAVATION	CY	17014
COMPACTED FILL	CY	6852
UNCOMPACTED FILL	CY	9093
SOIL CEMENT	CY	5785
LEAN CONCRETE	CY	42
RESEEDING AREA	AC	2.3
DRAINAGE PIPE	LF	48

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 4905.90 17 5

I, ELVIDIO V. DINIZ CERTIFY THAT THE DRAWING OF THE "AS-BUILT" DIMENSIONS WAS DONE UNDER MY SUPERVISION.
5/31/92

ELVIDIO DINIZ NEW MEXICO REGISTERED PROFESSIONAL ENGINEER

SCANNED BY
BY LASON

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

'CALABACILLAS ARROYO GRADE CONTROL STRUCTURES

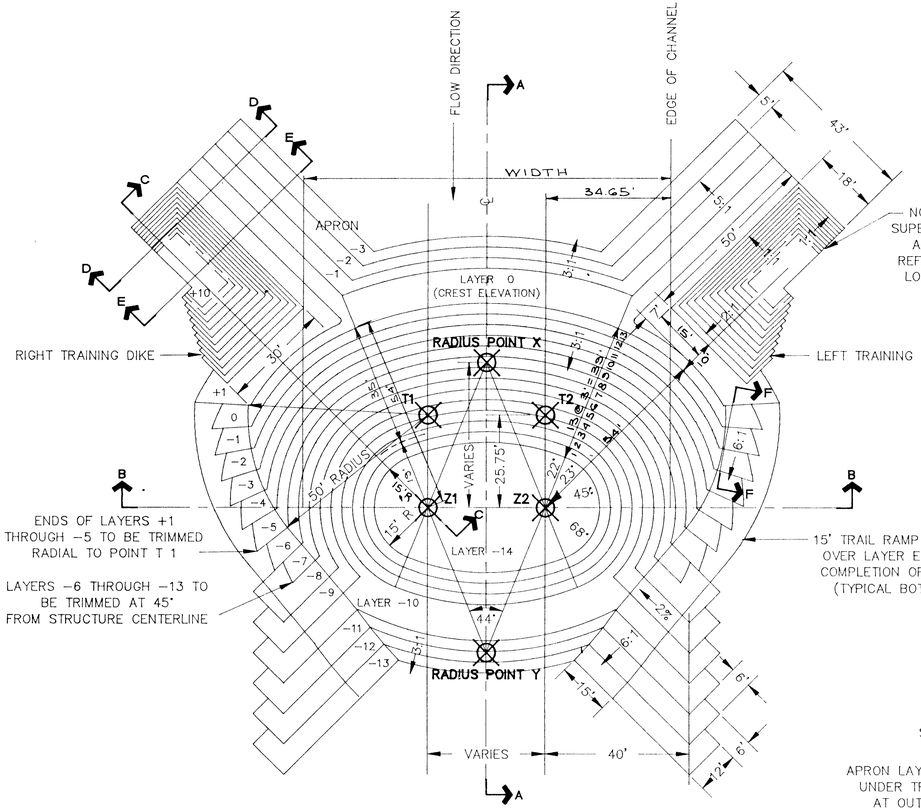
STRUCTURE 3
PLAN AND DETAILED GRADING

PROJECT NO.:	
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
DATE: JANUARY 1991	SHEET 18 OF 2021

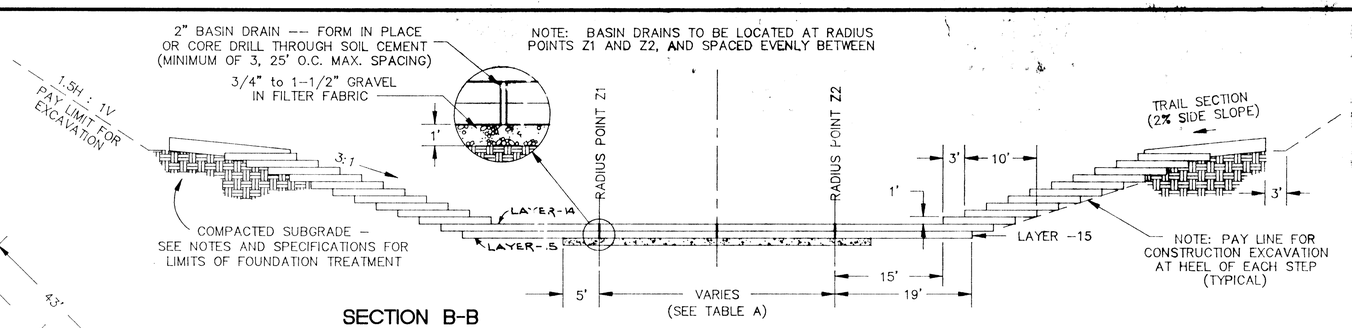
Resource Technology, Inc.
ENGINEERS & ENVIRONMENTAL SCIENTISTS
7500 JEFFERSON NE - SUITE 200, ALBUQUERQUE, NEW MEXICO 87109
TELEPHONE - (505) 345 - 3115

FOR INFORMATION ONLY

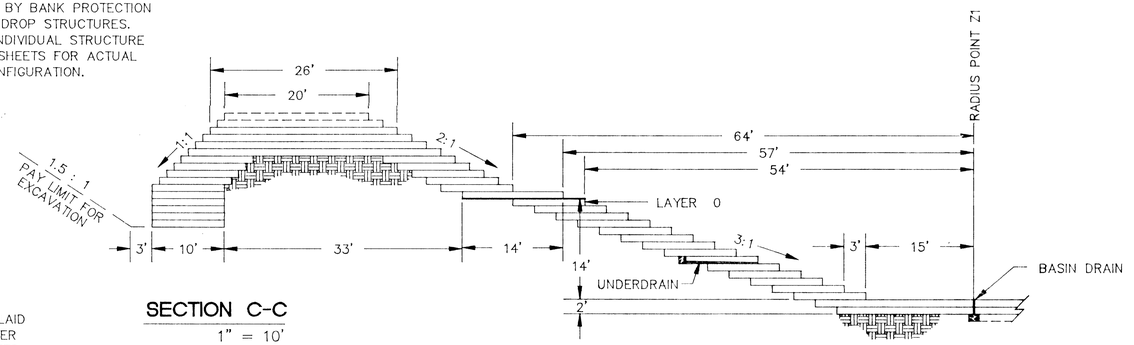
Project Nº 4905.90 Sheet 17 of 18



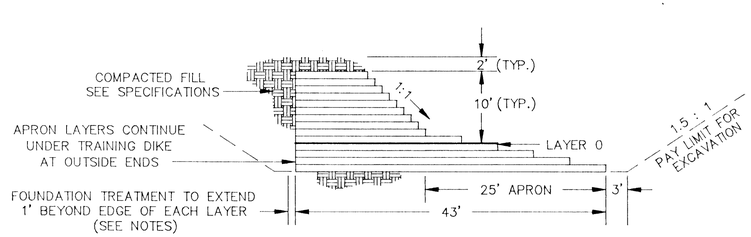
PLAN VIEW
1" = 20'



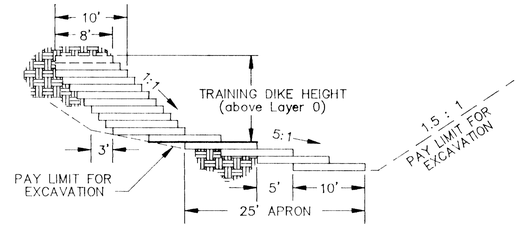
SECTION B-B
1" = 10'



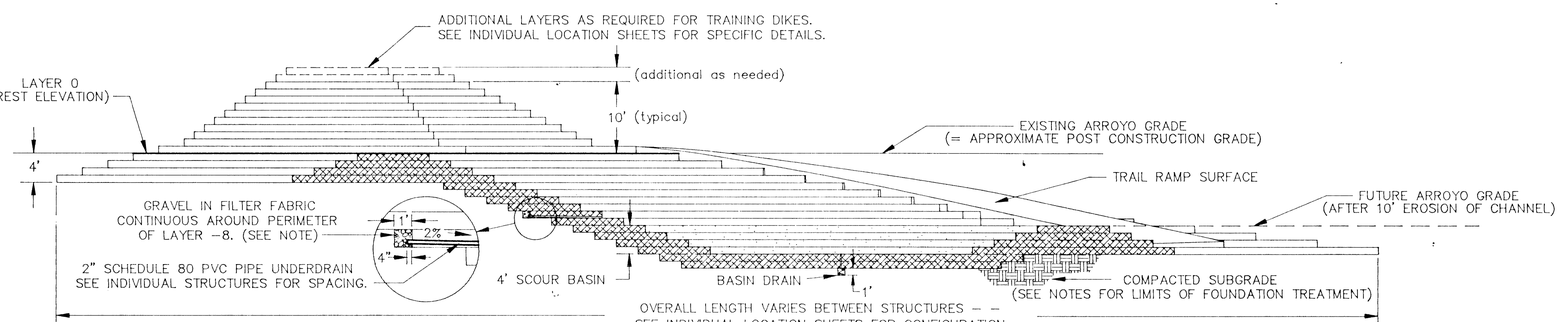
SECTION C-C
1" = 10'



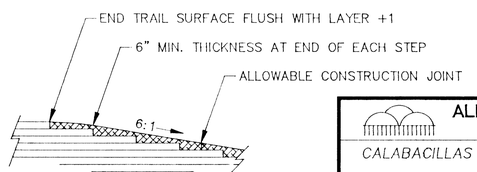
SECTION D-D
1" = 10'



SECTION E-E
1" = 10'



SECTION - ELEVATION A-A
1" = 10'



SECTION F-F
1" = 10'

NOTES:

1. Underdrains for the Golf Course Road Structure shall be placed in Layer -4 (rather than Layer -8). Basin Drains will penetrate Layers -8 and -10 and be located as shown on Sheet 16.
2. Filter Fabric to be Mirafi 140N or approved equal.
3. Additional or waste soil cement may be used as backfill between the heel of each lift and the excavation pay line (see Section B-B) at Contractor's option. Use of additional soil cement will be incidental to construction bid item.
4. Foundation Treatment per specifications to be performed under and a minimum of one foot (1') beyond the outside edges of layers -16 to +2 for each structure.
5. Edges of soil cement layers are to be trimmed as close to vertical as possible, or as directed by the Project Engineer. Protect the face of each layer, after construction. Backfilling may proceed for protection at the Contractor's option; however, the ends of each lift must remain accessible for placement of the Trail Ramp. It is preferable to construct the trail ramp as a single unit after completion of all basin layers. However, at the contractor's option, the trail surface may be constructed in a maximum of 4 sections, with construction joints every 3 to 4 layers.

I, ELVIDIO V. DINIZ CERTIFY THAT THE DRAWING OF THE "AS-BUILT" DIMENSIONS WAS DONE UNDER MY SUPERVISION. EVD 5/11/92

5/11/92

REVISIONS

NO.	DATE	REMARKS	BY
1	5-11-92	ADD DIM. TO PLAN VIEW	GMK
2	5-11-92	ADD "LAYER- " TO SECTION B-B	GMK

ALBUQUERQUE METROPOLITAN ARROYO FLOOD CONTROL AUTHORITY

CALABACILLAS ARROYO GRADE CONTROL STRUCTURES

TYPICAL DROP STRUCTURE PLAN AND SECTIONS

PROJECT NO.:	Resource Technology Inc. ENGINEERS & ENVIRONMENTAL SCIENTISTS 2709 OSUNA NE - SUITE 300, ALBUQUERQUE, NEW MEXICO 87113 TELEPHONE - (505) 345 - 3118
DESIGNED BY:	
DRAWN BY:	
CHECKED BY:	
DATE: JANUARY 1991	SHEET 4 OF 20 21

26 4905.901895

FOR INFORMATION ONLY

Project Nº 4905 Sheet 18 of 18