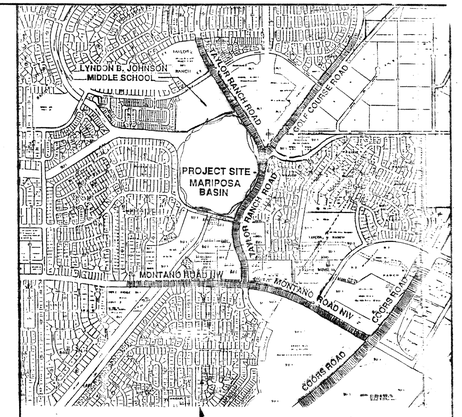
~~JANUARY 12, 1995~~ SEPT
~~OCTOBER 1994~~
AS-BUILT
CONSTRUCTION DOCUMENTS
CLASS I CONSTRUCTION

MARIPOSA BASIN
PHASE II IMPROVEMENTS

INDEX OF DRAWINGS



VICINITY MAP NORTH D-11-Z, D-12-Z, E-11-Z, E-12-Z

- ALL WORK TO BE IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS, 1986 EDITION (AS UPDATED WITH REVISION #4), OR PER ATTACHED SPECIFICATIONS.
- THE WATER SYSTEMS DIVISION (857-8200) SHALL BE NOTIFIED (5) FIVE WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT EXISTING PUBLIC WATER FACILITIES. THE CONTRACTOR SHALL ALSO COORDINATE FOR VALVE OPERATION FOR WATER SHUTOFF.
- (3) THREE WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. REFER TO SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS. (2) TWO WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. SEE SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
- 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.
- THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM PHONE: 260-1990, TO LOCATE UNDERGROUND UTILITIES 2 WORK DAYS PRIOR TO BEGINNING EXCAVATION.
- THE CONTRACTOR SHALL CONTACT TRAFFIC ENGINEERING OPERATIONS 764-1599 FOR REMOVAL AND REPLACEMENT OF TRAFFIC SIGNS.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES, UNLESS NOTED OTHERWISE. ANY DAMAGE TO EXISTING UTILITIES SHALL BE BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING IMPROVEMENTS ARE TO REMAIN, UNLESS SPECIFICALLY NOTED TO BE REMOVED. CONTRACTOR SHALL REPAIR ANY CONTRACTOR-CAUSED DAMAGE, AS DETERMINED BY THE ENGINEER TO EXISTING IMPROVEMENTS TO THE SATISFACTION OF THE OWNER AT THE CONTRACTOR'S EXPENSE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CHECK ALL DIMENSIONS, HORIZONTAL AND VERTICAL, AND SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ANY OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY.
- FOR PURPOSES OF THIS PROJECT THE TERM ENGINEER SHALL REFER TO EITHER THE OWNER'S EMPLOYEE OR THE LANDSCAPE ARCHITECT RESPONSIBLE FOR CONSTRUCTION INSPECTION OF THE PROJECT.
- ALL REFERENCES TO COMPACTED BACKFILL OR COMPACTED SUBGRADE SHALL MEAN SOIL COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO START OF WORK OF ANY PHASE OF WORK AND TAKE NECESSARY MEASURES TO ENSURE 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 OF ALBUQUERQUE SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISH ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMINENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS EXPENSE, ADJUST THE MONUMENT COVER TO NEW GRADE, UNLESS OTHERWISE SPECIFIED.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
216-4000.93 19197

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

APPROVAL FOR REVISIONS

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
DATE 11-20-97

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO
WILLIAM G. PERKINS
REGISTERED LANDSCAPE ARCHITECT

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Landscape Architecture and Site Planning
418 Central S.E.
Albuquerque, NM 87102
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1339 Pacheco No. 8
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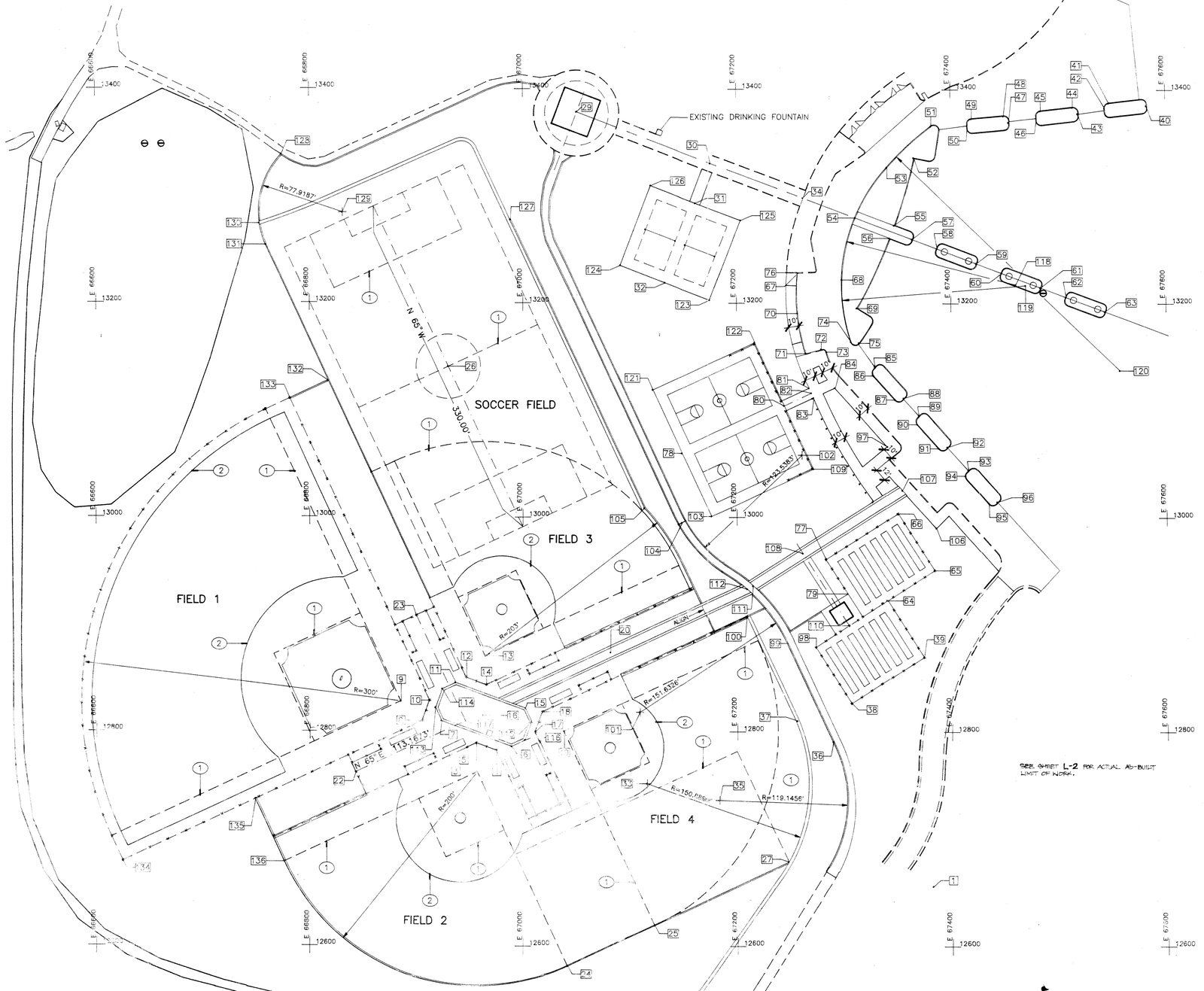
(505) 982-6399

APPROVED FOR CONSTRUCTION
Joe D. Ludwig for Ricardo Esquivel
11/1/94 C.E.

PROJECT NO. 4000.93

R-COVER SHEET
R-1 OF 22

SET NUMBER:



COORDINATE SCHEDULE

☐ POINT

1	X=67381.7648, Y=12655.3457	69	X=67312.4412, Y=13195.2991
2	X=67287.6729, Y=12666.7503	70	X=67257.3051, Y=13190.1542
3	X=66957.2903, Y=12762.5752	71	X=67264.9110, Y=13152.9359
4	X=66975.2301, Y=12782.6541	72	X=67278.9094, Y=13156.6913
5	X=66956.4336, Y=12789.4874	73	X=67284.2052, Y=13154.3985
6	X=66989.3558, Y=12786.0937	74	X=67307.0332, Y=13163.9743
7	X=66923.8469, Y=12809.9089	75	X=67314.3917, Y=13162.7285
8	X=66905.9877, Y=12810.0837	76	X=67247.0429, Y=13228.7050
9	X=66885.9088, Y=12828.0235	77	X=67283.1510, Y=12960.7379
10	X=66912.8210, Y=12828.8801	78	X=67149.2587, Y=13059.8828
11	X=66936.9646, Y=12845.5106	79	X=67303.5780, Y=12928.6952
12	X=66946.9521, Y=12850.3293	80	X=67244.4795, Y=13104.1321
13	X=66964.8920, Y=12870.4082	81	X=67267.9310, Y=13120.5436
14	X=66965.7486, Y=12843.4960	82	X=67270.0536, Y=13116.0164
15	X=67002.3190, Y=12821.7516	83	X=67272.1607, Y=13111.4821
16	X=66963.0932, Y=12815.7388	84	X=67292.2345, Y=13120.8104
17	X=67611.4760, Y=12799.5725	85	X=67329.7262, Y=13139.7412
18	X=67018.3093, Y=12818.3689	86	X=67328.3497, Y=13132.4593
19	X=67038.3882, Y=12800.4291	87	X=67348.4335, Y=13110.0267
20	X=67082.0763, Y=12873.5155	88	X=67356.2053, Y=13111.4170
21	X=67141.7776, Y=12574.7621	89	X=67370.5169, Y=13094.4692
22	X=66843.4047, Y=12762.1112	90	X=67369.0278, Y=13087.1379
23	X=66900.2110, Y=12907.9693	91	X=67388.9676, Y=13064.6685
24	X=67041.8825, Y=12581.3456	92	X=67396.7212, Y=13065.9440
25	X=67122.9804, Y=12619.1996	93	X=67416.2223, Y=13043.5915
26	X=66930.1450, Y=13140.4972	94	X=67413.5550, Y=13039.2604
27	X=67247.7441, Y=12678.5388	95	X=67434.5454, Y=13013.7441
28	X=67218.0325, Y=12638.5864	96	X=67442.2668, Y=13014.9496
29	X=67050.5306, Y=13378.3327	97	X=67341.0732, Y=13066.2796
30	X=67176.4220, Y=13330.8925	98	X=67273.7274, Y=12878.7858
31	X=67162.1633, Y=13293.7149	99	X=67246.9583, Y=12882.3706
32	X=67133.5156, Y=13219.0202	100	X=67209.1500, Y=12907.4474
33	X=67115.6376, Y=12751.4474	101	X=67109.1037, Y=12818.0244
34	X=67262.6000, Y=13298.4178	102	X=67261.0133, Y=13058.2566
35	X=67183.2569, Y=12736.1426	103	X=67176.6511, Y=13000.9366
36	X=67289.8319, Y=12790.5194	104	X=67149.0113, Y=12994.8403
37	X=67256.2587, Y=12810.1705	105	X=67113.7180, Y=13008.4655
38	X=67307.0384, Y=12826.5329	106	X=67386.3728, Y=12990.1455
39	X=67374.4967, Y=12869.5373	107	X=67354.8051, Y=13025.3937
40	X=67582.6411, Y=13385.0651	108	X=67261.9069, Y=12966.1580
41	X=67548.0426, Y=13387.6839	109	X=67271.8719, Y=13045.1859
42	X=67544.1508, Y=13383.0101	110	X=67304.7706, Y=12898.9203
43	X=67519.2003, Y=13377.7246	111	X=67214.9266, Y=12936.2015
44	X=67514.2522, Y=13383.7584	112	X=67209.4985, Y=12932.9922
45	X=67484.4134, Y=13380.3537	113	X=66918.1198, Y=12822.1787
46	X=67480.6983, Y=13373.8083	114	X=66924.4841, Y=12839.6851
47	X=67454.7591, Y=13369.5546	115	X=67008.0953, Y=12809.3764
48	X=67449.9559, Y=13375.7537	116	X=67001.7310, Y=12791.8700
49	X=67420.0319, Y=13372.9304	117	X=66945.9510, Y=12809.9765
50	X=67416.1493, Y=13366.5438	118	X=67460.5136, Y=13217.9592
51	X=67382.1688, Y=13365.8052	119	X=67469.5428, Y=13217.1742
52	X=67366.0474, Y=13336.3655	120	X=67556.9553, Y=13137.5130
53	X=67341.0809, Y=13327.4256	121	X=67121.8662, Y=13118.8290
54	X=67310.9978, Y=13280.1798	122	X=67217.0871, Y=13163.0783
55	X=67347.7943, Y=13273.0814	123	X=67173.1861, Y=13198.3257
56	X=67343.3675, Y=13261.2141	124	X=67091.4998, Y=13235.1345
57	X=67364.3329, Y=13260.0814	125	X=67204.1791, Y=13277.6006
58	X=67387.4158, Y=13251.3829	126	X=67120.1475, Y=13309.8293
59	X=67423.5980, Y=13237.7482	127	X=66988.4313, Y=13278.0606
60	X=67447.3046, Y=13228.8148	128	X=66773.9373, Y=13338.4939
61	X=67483.4869, Y=13215.1801	129	X=66831.3851, Y=13284.3837
62	X=67507.1935, Y=13206.2466	130	X=66753.2581, Y=13273.7979
63	X=67543.3500, Y=13192.6000	131	X=66759.1766, Y=13253.7998
64	X=67340.8479, Y=12922.3200	132	X=66817.9090, Y=13126.8142
65	X=67384.4763, Y=12950.6172	133	X=66781.4465, Y=13110.3356
66	X=67350.6093, Y=13003.7423	134	X=66624.5322, Y=12678.7092
67	X=67257.2574, Y=13228.1806	135	X=66748.6745, Y=12736.6548
68	X=67298.6159, Y=13222.1487	136	X=66776.0607, Y=12677.9829

NOTES

1. COORDINATE SYSTEM DEVELOPED BY THE CITY OF ALBUQUERQUE, SURVEY SECTION (768-3612).
2. CONTRACTOR TO MEET WITH CITY OF ALBUQUERQUE, SURVEY SECTION REPRESENTATIVE PRIOR TO STAKING, FOR PRECISE LOCATION OF CONTROL POINTS AND CONFIRMATION OF COORDINATE SYSTEM.

IN BENCH MARK AREA

3. CONTROL POINTS FOR THE CITY OF ALBUQUERQUE, SURVEY SECTION. SURVEY OF MARIPOSA BASIN. 1994:

   CP101-#5 REBAR, ALONG NORTH BIKE PATH, APPROXIMATELY 230' SW OF PEDESTRIAN ENTRANCE, SOUTH OF SCHOOL.
   X=67110.020878, Y=14005.598348

   CP102-#5 REBAR, ON TOP OF WEST SIDE OF DRAINAGE CHANNEL AT THE POINT WHERE THE CHANNEL BENDS TO THE SE.
   X=66401.861594, Y=12782.949272

   CP103-6 OD NAIL, ON PATH ALONG EAST SIDE OF THE PARK, APPROXIMATELY 280' SOUTH EAST OF THE BOTTOM OF THE ENTRANCE DRIVE.
   X=67381.764834, Y=12655.345734

KEYED NOTES

(1) REFERENCE LINE FOR RECREATIONAL FIELD
(2) EDGE OF GRASS FIELD

NORTH
SCALE: 1"=50'-0"
0 25' 50' 100'

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
216-A0000.9310297

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1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 982-8399

AS BUILT INFORMATION — PENCIL
CONTRACTOR — DATE:
WORK STAKED BY — DATE:
INSPECTORS APPROVAL — DATE:
FIELD VERIFICATION BY — DATE:
DRAWING CORRECTED BY COPA DATE: 9/27/95
MICRO-FILM INFORMATION
RECORDED BY — DATE:
NO.

BENCH MARK
COORDINATE SYSTEM DEVELOPED BY THE CITY OF ALBUQUERQUE, SURVEY SECTION.
CP101 X=66534.809252 Y=13737.742942 5118.54
CP102 X=66401.861594 Y=12782.949272 5118.80
CP103 X=67381.764834 Y=12655.345734 5118.82

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

REVISIONS/REMARKS

NO.	DATE	BY

DESIGNED BY: COPA — DATE:
DRAWN BY: WBT — DATE: 9-16-94
CHECKED BY: WSP — DATE: 10-14-94

SEAL — LANDSCAPE ARCHITECT'S SEAL

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II IMPROVEMENTS
COORDINATE LAYOUT AND SCHEDULE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.A. Buckley	10/31/94	WATER	N/A DLH	
TRANSPORTATION	M.C. Rios	10-21-94	WASTE WATER	"	
HYDROLOGY		10/24/94			
PARKS/GEN. SVC.	Buckley	11/1/94			

PROJECT NO. 4000.93 — MAP NO. D-11-Z D-12-Z E-11-Z E-12-Z — SHEET L-1 4 OF 21

GENERAL LAYOUT NOTES

A. THE COORDINATE SYSTEM FOR THE LAYOUT WAS DEVELOPED BY THE SURVEY SECTION, CITY OF ALBUQUERQUE. FOR COORDINATE SCHEDULE SEE SHEET # L-1.

B. CONTRACTOR SHALL MEET WITH CITY OF ALBUQUERQUE, SURVEY SECTION REPRESENTATIVE PRIOR TO STAKING, FOR ADDITIONAL INFORMATION ON THE PRECISE LOCATIONS OF CONTROL POINTS AND CONFIRMATION OF COORDINATE SYSTEM.

C. COORDINATE SLEEVING UNDER ALL RIGID SURFACES AND STRUCTURES WITH IRRIGATION PLAN. INCLUDE SLEEVING FOR ELECTRICAL SERVICE AS NECESSARY.

D. ALL MEASUREMENTS ARE TO CENTERLINES UNLESS OTHERWISE NOTED.

E. CONTRACTOR SHALL APPLY GRAFFITI-RESISTANT COATINGS ON EXTERIOR SURFACES INCLUDING THE FOLLOWING:
RETAINING WALLS,PAVILION COLUMNS, HANDICAP SIGNAGE,
ALL SITE AMENITIES LISTED IN SCHEDULE SHEET L-3.

KEYED LAYOUT NOTES

1 INSTALL MAIN SHADE STRUCTURE 36'X36'. SEE SITE AMENITIES SCHEDULE SHEET L-3

2 INSTALL CONCRETE SIDEWALK PER COA STD. DWG. 2720. JOINTS: EXPANSION JOINTS @ 20'-0" OC, CONTROL JOINTS @ 5'-0" OC.

3 INSTALL CONCRETE PAVING HANDICAP RAMP TO HC PARKING. SEE SHEET SD-5, DETAIL #3.

4 INSTALL HANDICAP PARKING SIGNS. POLE SIGNS TO BE 12" X 18" HEAVY GAUGE ALUMINUM, 3" DIAMETER GALVANIZED POLE WITH 12" DIAMETER X 18" DEEP CONCRETE FOOTING. SIGNS AS SUPPLIED BY ALBUQUERQUE SIGN CO. (505) 294-7446. LOCATE SIGNS AT THE CENTERLINE OF EACH PARKING SPACE. (TYP. 1 OF 6). SEE SHEET SD-5, SHEET #2.

5 INSTALL SAND VOLLEYBALL COURTS WITH WOOD EDGING. SEE SHEET# SD-3 .

~~6 INSTALL CONCRETE MEDIAN CURB PER COA STD. DWG. #2415.~~

7 INSTALL AUTO ACCESS CONTROL FENCE, 1' FROM EDGE OF SIDEWALK. APPROXIMATE LENGTH: 250 LF.

~~8 INSTALL ASPHALT PAVEMENT PER COA STD. DWG. #2406.~~

~~9 INSTALL CONCRETE BASKETBALL COURTS. SEE SHEET# SD-3.~~

~~10 INSTALL 10'-0" CHAIN LINK FENCE. APPROXIMATE LENGTH: 170 LF.~~

11 INSTALL 4'-0" CHAIN LINK FENCE WITH GATES. SEE SHEET# SD-4. APPROXIMATE LENGTH: 500 LF.

12 INSTALL SHADE STRUCTURE 16'X16' AND PICNIC TABLES FOR HORSESHOE AREA. PICNIC TABLES - 2 OF MODEL #H4001 AND 1 OF MODEL #H4003, SEE SITE AMENITIES SCHEDULE, SHEET L-3. SEE SHEET SD-2, DETAIL 1.

13 HORSESHOE AREA. SEE SHEET# SD-2

14 INSTALL CONCRETE SIDEWALK PER COA STD. DWG. FOR SCORING PATTERN SEE SHEET# SD-5

15 PLAZA. SEE SHEET# SD-5

16 INSTALL DRINKING FOUNTAIN. CONNECT TO EXISTING LINE AT EXISTING DRINKING FOUNTAIN. SEE SITE AMENITIES SCHEDULE, SEE SHEET I-3 AND I-4.

17 INSTALL TRASH RECEPTACLE. SEE SITE AMENITIES SCHEDULE SHEET L-3.

18 DUGOUT AREA. FOR ENLARGEMENT OF INFIELD INCLUDING DUGOUTS, SEE SHEET# L-3. FOR SITE FURNISHINGS RELATED TO THE BALLFIELDS, SEE SITE AMENITIES SCHEDULE SHEET L-3. SEE DETAIL 1 OF SD-6.

~~19 CONCRETE MOW CURB ADJACENT TO EXISTING ASPHALT PATH. MOW CURB PER COA STD. DETAIL #2726. SAW CUT WALK AND PATCH WITH ASPHALT AS REQUIRED.~~

20 INSTALL BLEACHER. SEE SITE AMENITIES SCHEDULE, SHEET # L-3. SEE DETAIL 8 OF SD-4.

21 MAJOR/MINOR FIELD. FOR ENLARGEMENT OF INFIELD WITH DIMENSIONS, SEE SHEET# L-3.

22 INSTALL STABILIZED CRUSHED STONE PAVEMENT. SEE SHEET# SD-5.

23 INSTALL SKINNED INFIELD: STABILIZED CLAY MIXTURE, SEE SPECIFICATIONS.

24 INSTALL CHAIN LINK FENCING. FOR SIZE, SEE FIELD ENLARGEMENT, SHEET #L-3.

25 NOT USED

26 INSTALL CONCRETE MOW CURB PER COA STD. DWG. #2726.

27 INSTALL CONCRETE PLAZA PER COA STD. DWG. #2720. FOR SCORING PATTERN SEE SHEET # SD-5.

28 TREE WELL. TYPICAL. SEE SHEET SD-5.

29 REFERENCE LINE ONLY.

~~30 EDGE OF SEEDING. SEE PLANTING PLAN, SHEET P-1.~~

31 LIMIT OF ASPHALT PAVING.

32 CONCRETE RETAINING WALL, SEE DETAIL 5 OF SHEET SD-1.

33 CONCRETE SWALE, SEE SHEET # C-2.

34 CIRCULAR OPENING IN THE CONCRETE WITH 6 FOOT DIAMETER, TYPICAL.

35 PROTECT EXISTING DRAIN

36 INSTALL 18" WIDE CONCRETE EDGER AT CHAIN LINK FENCE. SEE DETAIL 2, SHEET SD-2.

37 12" MOW CURB

AS BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE:
INSPECTORS APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY COPA	DATE: 9-21-95

MICRO-FILM INFORMATION

RECORDED BY	DATE:
NO.	

BENCH MARK

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

REVISIONS/REMARKS

NO.	DATE	BY

DESIGNED BY: COPA DATE: 9-16-94
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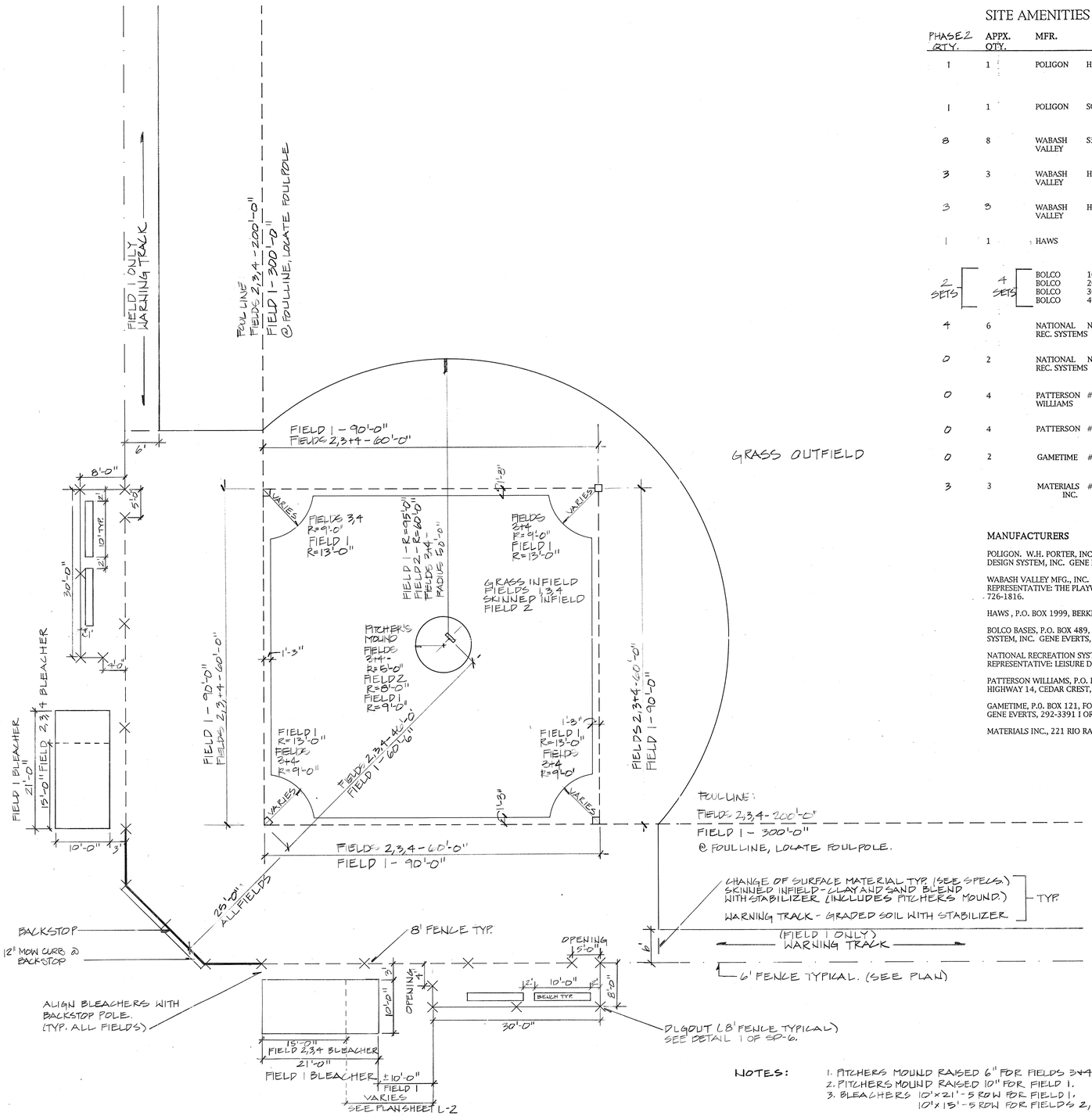
NORTH
0 25' 50' 100'
SCALE: 1"=50'-0"

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II IMPROVEMENTS
LAYOUT PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Goble	10/31/94	WATER	N/A RHH	
TRANSPORTATION	MA RHO	10-21-94	WASTE WATER	"	
HYDROLOGY	[illegible]	10/24/94			
PARKS/GEN. SVC.	[illegible]	11/1/94			

PROJECT NO. 4000.93 | MAP NO. D-11-Z D-12-Z E-11-Z E-12-Z | SHEET L-2 5 OF 21



SITE AMENITIES -

PHASE 2 QTY.	APPX. QTY.	MFR.	MODEL #	DESCRIPTION
1	1	POLIGON	HEX- 36M	METAL SHADE STRUCTURE WITH PITCHED ROOF WITH CUPOLA. COLOR: BLUE. 36' X 36' SEE SHEET#SD1, DETAIL # 1, 3, 7
1	1	POLIGON	SQ-16M-4C	METAL SHADE STRUCTURE WITH PITCHED ROOF. COLOR: BLUE. 16' X 16'. SEE SHEET#SD1, DETAIL # 2, 9, 7, AND 1/SD-2.
8	8	WABASH VALLEY	S557	10' DELUXE PLAYER BENCH - IN-GROUND. METAL SEAT AND SUPPORTS. COLOR: BLACK FRAME WITH BLUE SEATS.
3	3	WABASH VALLEY	H4003	46" SQUARE TABLE, IN-GROUND WITH 3 SEATS. METAL SEAT AND SUPPORTS. COLOR: BLACK FRAME WITH BLUE SEATS.
3	3	WABASH VALLEY	H4001	46" SQUARE TABLE, IN-GROUND WITH 4 SEATS. METAL SEAT AND SUPPORTS. COLOR: BLACK FRAME WITH BLUE SEATS.
1	1	HAWS	3380	DRINKING FOUNTAIN. HANDICAP ACCESSIBLE. COLOR 001 - BLUE. OR APPROVED EQUAL
2 SETS	4 SETS	BOLCO BOLCO BOLCO BOLCO	100-ML 205-BA 300-AS 490-CC	MAJOR LEAGUE MODEL BASE, 3 STAKES AND 3 ANCHOR PLATES W/ 3 BASES BASE ANCHOR HOME PLATE. SHEET#SD9 DETAIL # 4 PITCHER'S PLATE. SHEET#SD9, DETAIL# 7
4	6	NATIONAL REC. SYSTEMS	N-0515G	BLEACHER. 5 ROW HIGH X 15' LONG ALUMINUM BLEACHER. SEE SHEET# SD9 DETAIL# 8
0	2	NATIONAL REC. SYSTEMS	N-0521G	BLEACHER. 5 ROW HIGH X 21' LONG ALUMINUM BLEACHER.
0	4	PATTERSON WILLIAMS	#1525-14	4 1/2 OD SCHEDULE 40 GALV. STEEL PIPE. SINGLE 6 FOOT OFFSET BASKETBALL UPRIGHT WITH 1/4" GALV. STEEL BACKBOARDS
0	4	PATTERSON	#8131	DOUBLE-RING GOAL. RING WITH CHAIN NET
0	2	GAMETIME	#739	VOLLEYBALL NET.
3	3	MATERIALS INC.	#TR 3329-III	RICONADA III LITTER RECEPTACLE WITH DARK GRAY INTEGRAL COLOR #8084. 1 LB/SACK. AVAILABLE DAVIS COLORS REP. SAM PRINCE 1-800-356-4848.

MANUFACTURERS

POLIGON. W.H. PORTER, INC., 4240 N 136TH AVENUE, HOLLAND, MI 49424, 1-616-399-1963. LOCAL REPRESENTATIVE: LEISURE DESIGN SYSTEM, INC. GENE EVERTS, 292-3391 I OR 1-800-543-2232..

WABASH VALLEY MFG., INC. P.O. BOX 5 - ST. RD. 15 NORTH, SILVER LAKE, IN 46982, 1-800-253-8619. LOCAL REPRESENTATIVE: THE PLAYWELL GROUP, JEFF POPENOE, 2225-J WYOMING NE, SUITE 203, ALBUQUERQUE, NM 87112, 1-800-726-1816.

HAWS , P.O. BOX 1999, BERKELEY, CA 94701, (415) 525-5801. LOCAL REPRESENTATIVE: 299-5674.

BOLCO BASES, P.O. BOX 489, 610 JEFFERSON, COOKEVILLE, TN 38503, 1-800-251-6857. LOCAL REPRESENTATIVE: LEISURE DESIGN SYSTEM, INC. GENE EVERTS, 292-3391 I OR 1-800-543-2232.

NATIONAL RECREATION SYSTEMS, INC.., 5021 INVESTMENT DRIVE, PO BOX 11487, FORT WAYNE, IN 46858-1487. LOCAL REPRESENTATIVE: LEISURE DESIGN SYSTEM, INC. GENE EVERTS, 292-3391 I OR 1-800-543-2232..

PATTERSON WILLIAMS, P.O. BOX 4040, SANTA CLARA, CA 95056-4040. LOCAL REPRESENTATIVE: EXERPLAY, INC. 12127 NORTH HIGHWAY 14, CEDAR CREST, NEW MEXICO 87008 (505)281-0151.

GAMETIME, P.O. BOX 121, FORT PAYNE, ALABAMA, (205)845-5610. LOCAL REPRESENTATIVE: LEISURE DESIGN SYSTEM, INC. GENE EVERTS, 292-3391 I OR 1-800-543-2232..

MATERIALS INC., 221 RIO RANCHO DRIVE, SE, RIO RANCHO, NEW MEXICO 87124. RON T. ROMERO, (505) 891-8888.

NOTES:

1. PITCHERS MOUND RAISED 6" FOR FIELDS 3+4.
2. PITCHERS MOUND RAISED 10" FOR FIELD 1.
3. BLEACHERS 10'x21'-5 ROW FOR FIELD 1, 10'x15'-5 ROW FOR FIELDS 2,3,4.

AS BUILT INFORMATION

CONTRACTOR RMCI
WORK STAKED BY DATE:
INSPECTORS APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY COPA DATE: 9.21.95

MICRO-FILM INFORMATION

RECORDED BY DATE:
NO.

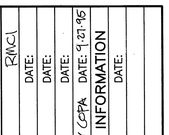
BENCH MARK

SURVEY INFORMATION

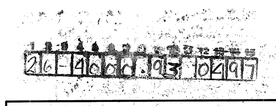
FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL



NO.	DATE	REVISIONS/REMARKS	BY
		DESIGNED BY: MB	DATE: 9/94
		DRAWN BY: MB	DATE: 9/94
		CHECKED BY: MP/JUA/JASP	DATE: 10/94



Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 962-8399

NORTH 0 5' 10' 20'
SCALE: 1"=10'-0"

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II— IMPROVEMENTS
TYPICAL FIELD ENLARGEMENTS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Barkley	10/31/94	WATER	N/A R.M.D.	
TRANSPORTATION	N/A R.M.D.	10-21-94	WASTE WATER	"	
HYDROLOGY		10/24/94			
PARKS/GEN. SVC.		11/1/94			

PROJECT NO. 4000.93 MAP NO. D 12 P 12 E 12 E 12 SHEET L-3 6 OF 21

NO CONSTRUCTION IN THIS AREA

STA. 23+60
END ASPHALT PAVING
TIE TO EXISTING ASPHALT

EXISTING LIFT STATION
SEE DETAIL SHEET C-2

~~REGRAD EXISTING OUTLET SEE SHEET C-2~~

1 REVISED GRADES

EMERGENCY SPILLWAY

RELOCATE EXISTING RISER SEE DETAIL SHEET C-2

NO CONSTRUCTION IN THIS AREA

STA. 20+67.71
BEGIN ASPHALT PAVING

BOTTOM OF CHANNEL

9" D50 RIP RAP LINING

MOW CURB

5' CONCRETE SWALE SEE SHEET C-2

5' TRANSITION FROM 3' TO 6' WIDE SWALE

END SWALE A

EXISTING BIKE PATH

CHANGE ORDER #5

AREA I

AREA II

AREA III

STA. 16+81.65
END NEW BIKE TRAIL

BEGIN SWALE A

BEGIN SWALE B

STA. 12+85.56
BEGIN NEW BIKE TRAIL

END SWALE B

GRASS SWALE 1% SLOPE SEE DETAIL SHEET

STANDARD HEADER CURB PER C.O.A. DWG. 2415 N.I.C.

H.C. RAMPS

SIDEWALK CULVERT

SIDEWALK CULVERT

PARK ACCESS ROAD

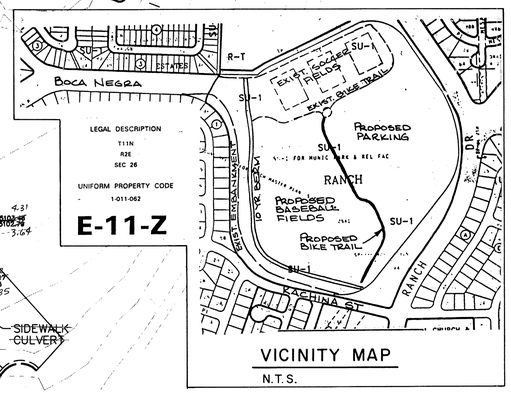
NO CONSTRUCTION IN THIS AREA

LIMITS OF GRADE CHANGES (CONTOURS & ELEVATIONS HAVE BEEN CHANGED TO REFLECT GRADE ADJUSTMENT.)

SCALE 1" = 50'

0 25 50 100 200

N



VICINITY MAP
N.T.S.

LEGAL DESCRIPTION
T11N
R2E
SEC 26

UNIFORM PROPERTY CODE
1-011-062

E-11-Z

LEGAL DESCRIPTION

MARIPOSA BASIN
WITHIN SECTION 23 & 26
TOWNSHIP 11 NORTH, RANGE 2 EAST
NEW MEXICO PRINCIPAL MERIDIAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
APRIL, 1994

LEGEND	
	TRANSITION AREA
	CENTERLINE OF SWALE
5100.00	EXISTING ELEVATION
5100.00	PROPOSED ELEVATION
	PROPOSED CONTOURS 1
	EXISTING CONTOURS
	DRAINAGE DIVIDE
A	C.O.A. PROJECT CONTROL POINT
I	IRRIGATION CONTROL BOX
	UNDERGROUND DRAINAGE PIPE
	DROP INLET
	EXISTING CURB AND GUTTER
	MOW CURB
	FLOW ARROW

NOTES:

1. FIELD WORK WAS COMPLETED ON APRIL 21, 1994.
2. ALL SURVEY INFORMATION AS SHOWN WAS COMPLETED BY THE CITY OF ALBUQUERQUE.
3. THIS IS NOT A BOUNDARY SURVEY. NO BOUNDARY DATA SHOWN IS FROM HEREON.
4. ALL RIP RAP IS 9" D50
5. EXISTING OUTFALL STRUCTURE TO REMAIN PROTECTED DURING CONSTRUCTION AND ASSURE POSITIVE DRAINAGE FROM PIPE.
6. SAWCUT PIPE AND DISPOSE EXISTING OUTFALL STRUCTURE. CONSTRUCT NEW STRUCTURE PER DETAILS SHEET C-2.

HYDROLOGY NOTES

SITE DESCRIPTION

Existing Condition: The site is currently an undeveloped 15.28 acre tract with a cover of natural vegetation, which lies inside the Mariposa Basin, an existing flood detention facility. Phase I of this project was completed in 1993; this submittal is for Phase II which includes most of the remaining land within the basin which has not yet been developed for park purposes.

Proposed development includes raising the existing 4 foot berm along the westside channel to a total height of 8.5 feet, and adding 1 adult baseball/soccer field and 3 youth baseball fields in the currently undeveloped area. These fields will have grassed outfields. Areas between the fields as well as the infield trim will consist of compacted base course material.

Volleyball, horseshoe and basketball courts will be constucted in the 3.21-acre area between the low berm that runs through the northeast side of the site and the existing parking lot. Concrete sidewalks and asphalt paved trails are also included in this phase.

DRAINAGE

On-site drainage will follow constructed swales (as shown on plan) and which are located between the proposed fields. The 12.07 acres with the baseball fields were divided into three drainage areas to be identified as Areas I, II, and III on the drainage plan. Area I will drain to a ponding area in the south-east portion of the Mariposa Basin. Areas II and III will drain to the north-west corner of Area III. The remaining 3.21 acres which consists of the volleyball, horshoe, and basketball court area will drain into the existing parking lot and therefore do not directly contribute to the detention pond. Off-site drainage and runoff will not be part of the drainage calculation in Phase II. (For more information on off-site drainage and runoff, refer to the Master Plan Report and Phase I drawings.

Hydrologic data computations are in accordance with the City of Albuquerque Development Process Manual (DPM), Section 22.2 Hydrology. The results are as follows:

The Time of Concentration, (t_c) was calculated from the most remote portion of any basin within the site and was determined to be less than 0.2 hours. Therefore 0.2 hours was assumed as per DPM. This results in a time to peak (t_p) of 0.13 hours.

PRECIPITATION - ZONE 1

NOAA Atlas 2, Volume IV

100 yr. - 6 hr. rain = 2.20 inches
10 yr. - 6 hr. rain = 1.90 inches

LAND TREATMENT

ON-SITE (site area = 12.07 acres)
The following land treatment percentages were assumed.

Sub-Area	Area (Acres)	%A	Land Treatment %B	%C	%D
I.	3.04	0	50	45	5
II.	7.23	0	57	38	5
III.	1.80	0	85	10	5

EXCESS PRECIPITATION (in.) (DPM Table A-8)	100 yr.	10 yr.
Zone 1 Land Treatment B	0.67	0.22
Zone 1 Land Treatment C	0.99	0.44
Zone 1 Land Treatment D	1.97	1.24

PEAK DISCHARGE (cfs/acre) (DPM Table A-9)	100 yr.	10 yr.
Zone 1 Land Treatment B	2.03	0.76
Zone 1 Land Treatment C	2.87	1.49
Zone 1 Land Treatment D	4.37	2.89

RUN-OFF RESULTS

Sub-Area	Peak Flow (cfs) 100 yr.	Peak Flow (cfs) 10 yr.	Runoff Volume (acre-ft) 100 yr.	Runoff Volume (acre-ft) 10 yr.
I	7.68	3.63	0.223	0.094
II	17.83	8.27	0.517	0.214
III	4.02	2.50	0.115	0.044

SWALE HYDRAULICS
n=0.023 grass swale n=0.014 concrete swale

	3' Concrete Swale	6' Concrete Swale	10' Grass Swale
n - Value	0.014	0.014	0.023
Wetted Depth (ft.)	0.30	0.60	0.63
Perimeter (ft.)	3.06	6.12	10.16
Flow Area (sq ft.)	0.45	1.80	3.18
Top Width (ft.)	3.00	6.00	10.00
Hydraulic Depth (ft.)	0.15	0.30	0.31
Velocity (ft/sec.)	2.12	3.35	3.00
Computed Discharge (cfs.)	0.95	6.02	9.52
10-yr Peak Discharge (cfs)	1.25*	2.50	4.13**
100-yr Peak Discharge (cfs)	2.01*	4.02	8.91**

* The peak flow will be concentrated at the lower end of the basin, therefore reduced Q's were used at the upper reaches of the swale. (Q's were reduced 50%)

** Q's were reduced in this basin due to there being three individual grass swales accommodating the basin.

LEVICIO DIMAS NEW MEXICO 10717 REGISTERED PROFESSIONAL ENGINEER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair		10/31/94	WATER		
TRANS. DEV.			WASTE WATER		
HYDROLOGY		10/24/94			
OTHER			OTHER		

NO.	DATE	REVISIONS	BY	CHKD
1	12-06-94	REVISED GRADES	BS	DSD

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1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 982-8399

26 4000.93 05 07

CITY OF ALBUQUERQUE
MARIPOSA BASIN
GRADING and DRAINAGE PLAN

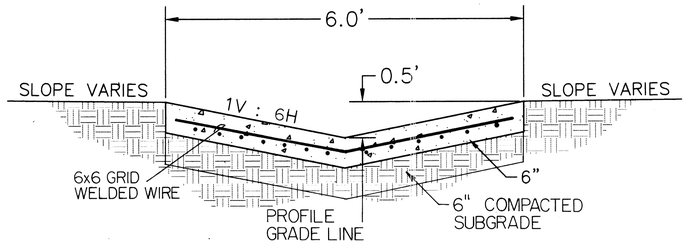
Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
2129 Osuna Road NE, Suite 200
Albuquerque, NM 87113
(505) 345-3115

JOB NO. 4000.93
SHEET NO. C-1 OF 20

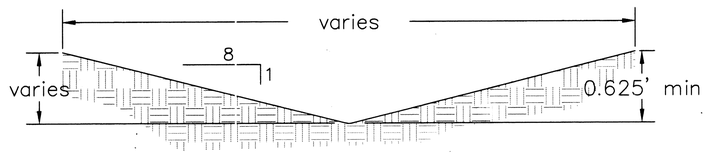
DESIGNED BY: E.D. | DRAWN BY: T.B. | CHECKED BY: E.D. | DATE: AUG 1994

REVISED 12/6/94

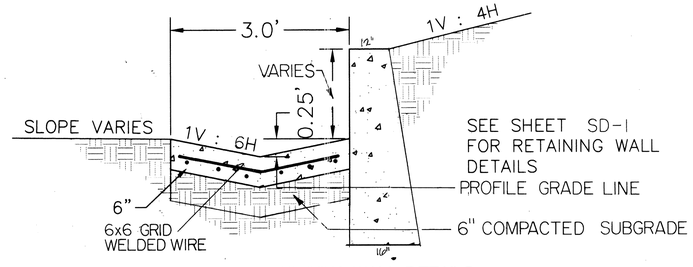
R-C1 12/6/94



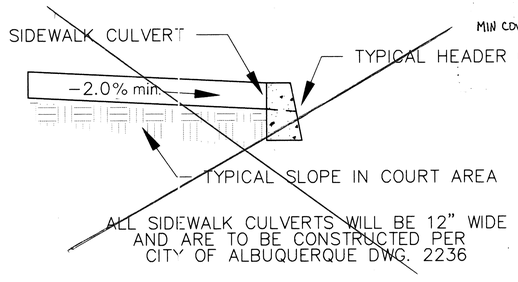
CONCRETE SWALE DETAILS
N.T.S.



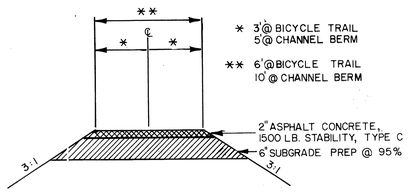
TYPICAL GRASS SWALE DETAILS
N.T.S.



CONCRETE SWALE AND RETAINING WALL DETAILS
N.T.S.



SIDEWALK CULVERT DETAIL
N.T.S.



TYPICAL PAVING DETAIL
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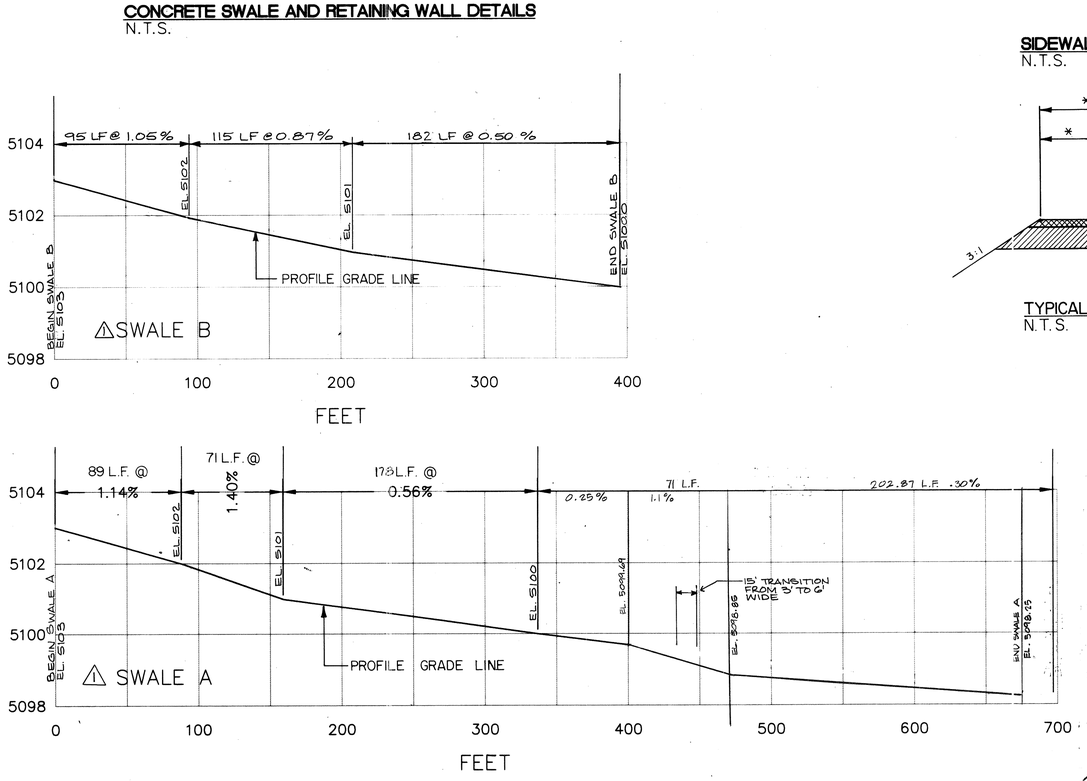
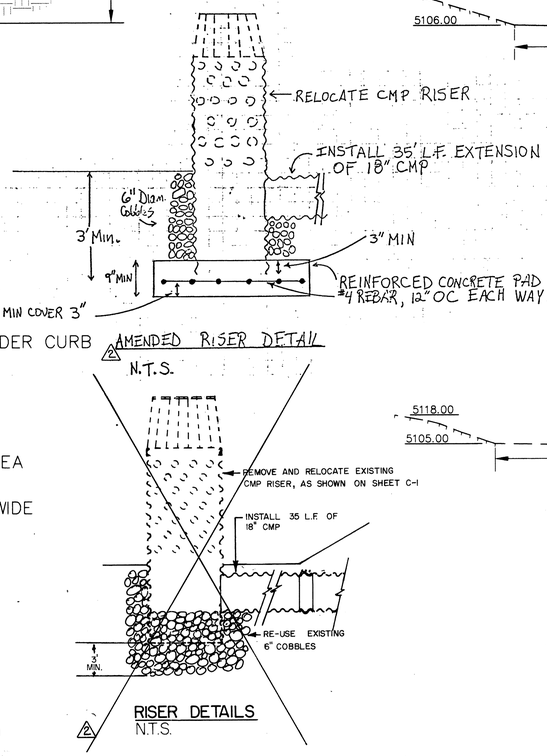
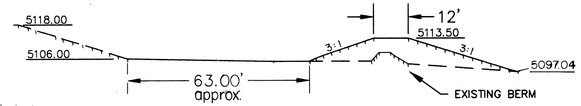


CONCRETE SWALE PROFILES

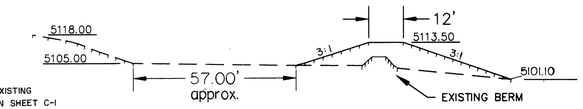
PIPE OUTFALL DETAIL



RISER DETAILS
N.T.S.



A-A CROSS SECTION
1" = 30'



B-B CROSS SECTION
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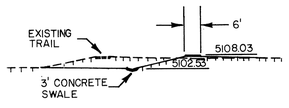

C-C CROSS SECTION
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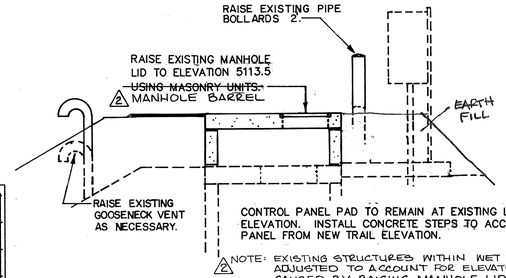
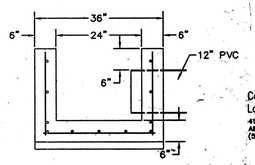


LIFT STATION DETAIL
N.T.S.



APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair			WATER		
TRANS. DEV.			WASTE WATER		
HYDROLOGY		4/26/94			
OTHER		11/1/94	OTHER		

P.E.S.

NO.	DATE	REVISIONS	BY	CHKD
2	11-14-94	ADDENDUM #1		
1	12-06-94	REVISED GRADES		

Campbell Okuma Perkins Associates, Inc.
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1339 Pacheco No. 5 Santa Fe, NM 87501 (505) 982-8399

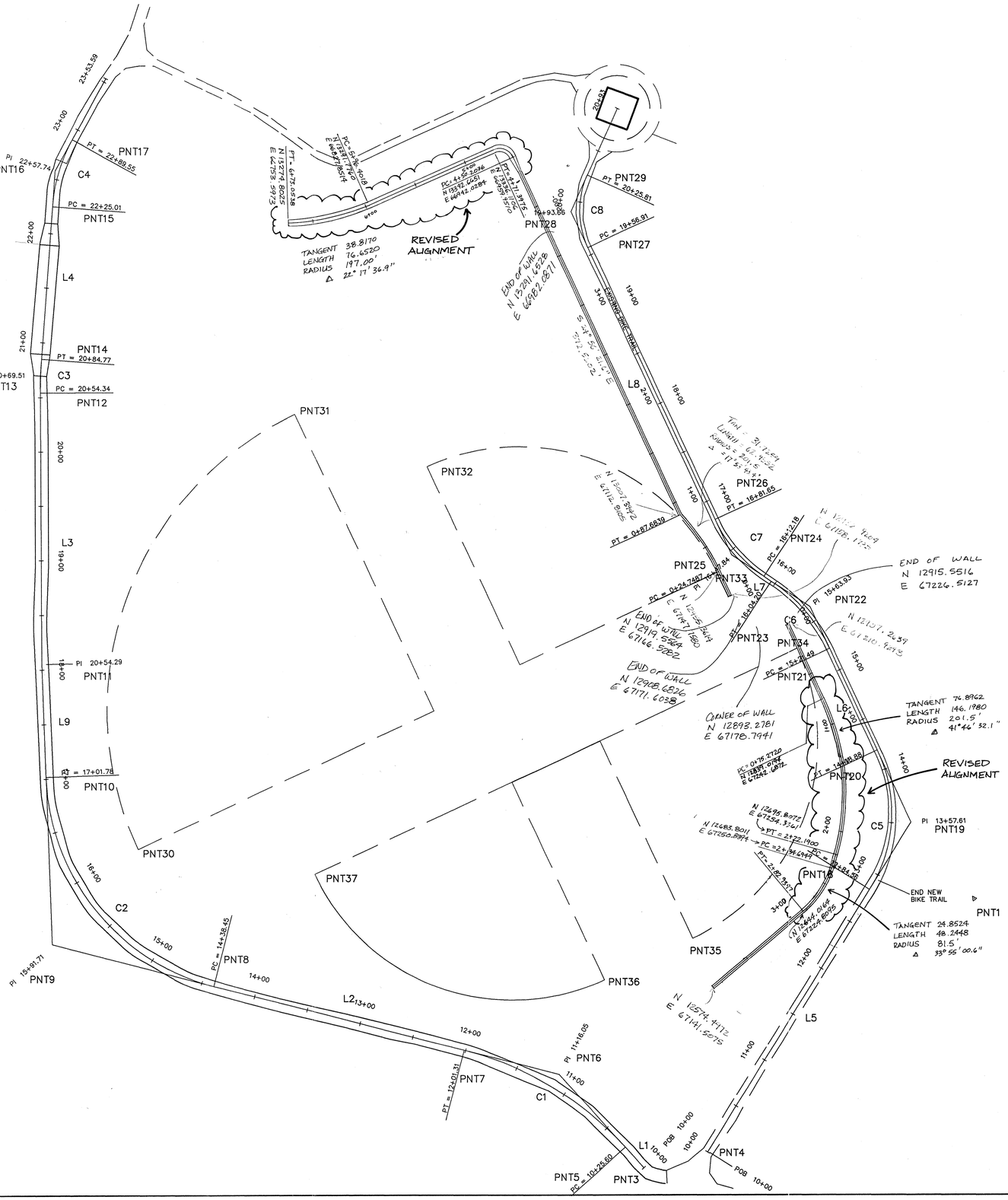
CITY OF ALBUQUERQUE
MARIPOSA BASIN
GRADING and
DRAINAGE DETAILS

Resource Technology, Inc.
ENGINEERS AND ENVIRONMENTAL SCIENTISTS
2129 Osuna Road NE, Suite 200
Albuquerque, NM 87113
(505) 345-3115

JOB NO. 4000.93
SHEET NO. C-2 OF 20
DESIGNED BY: E.D. | DRAWN BY: T.S. | CHECKED BY: E.D. | DATE: JULY 1994

REVISED 12/6/94

R-C2 12/6/94



CURVE TABLES

CURVE	RADIUS	LENGTH	TANGENT	DELTA	STATION
C1	300	175.70	90.45	33° 33' 26"	11+16.05
C2	205	263.33	153.35	73° 35' 53"	15+91.79
C3	400	30.43	15.22	4° 21' 33"	20+69.51
C4	150	64.54	32.78	24° 39' 09"	22+57.74
C5	132	134.32	73.05	56° 40' 32"	13+57.61
C6	150	82.71	42.44	31° 35' 39"	15+63.93
C7	125	69.47	35.66	31° 50' 30"	16+47.84
C8	80	68.90	36.75	49° 20' 53"	19+93.66

LINE	BEARING	DIST.
L1	N 41° 55' 00" W	25.60
L2	N 75° 28' 26" W	237.14
L3	N 00° 07' 31" W	248.89
L4	N 04° 14' 03" E	140.24
L5	N 31° 39' 14" E	284.56
L6	N 25° 01' 18" W	102.61
L7	N 56° 36' 57" W	7.98
L8	N 24° 59' 22" W	275.26
L9	N 01° 52' 33" W	103.66

POINT	X COORD.	Y COORD.
PNT1	X = 67381.7648	Y = 12655.3457
PNT2	X = 67588.6635	Y = 12911.5963
PNT3	X = 67077.7093	Y = 12407.1526
PNT4	X = 67136.2259	Y = 12421.4114
PNT5	X = 67060.6045	Y = 12426.2051
PNT6	X = 67000.1774	Y = 12493.5126
PNT7	X = 66912.6160	Y = 12516.2001
PNT8	X = 66683.0534	Y = 12575.6808
PNT9	X = 66534.6014	Y = 12614.1453
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PNT12	X = 66525.6448	Y = 13119.9180
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PNT17	X = 66555.3435	Y = 13351.5663
PNT18	X = 67285.5572	Y = 12663.6352
PNT19	X = 67323.8939	Y = 12725.8196
PNT20	X = 67292.9957	Y = 12792.0155
PNT21	X = 67249.5966	Y = 12884.9934
PNT22	X = 67231.6471	Y = 12923.4482
PNT23	X = 67196.2117	Y = 12946.7994
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PNT34	X = 67219.6178	Y = 12885.0213
PNT35	X = 67122.9804	Y = 12619.1995
PNT36	X = 67041.8824	Y = 12581.3456
PNT37	X = 66766.0607	Y = 12677.9830

NO.	DATE	REVISIONS	BY	CHKD

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
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1339 Pacheco No. 5 Santa Fe, NM 87501 (505) 982-8399

CITY OF ALBUQUERQUE
MARIPOSA BASIN
SITE LAYOUT

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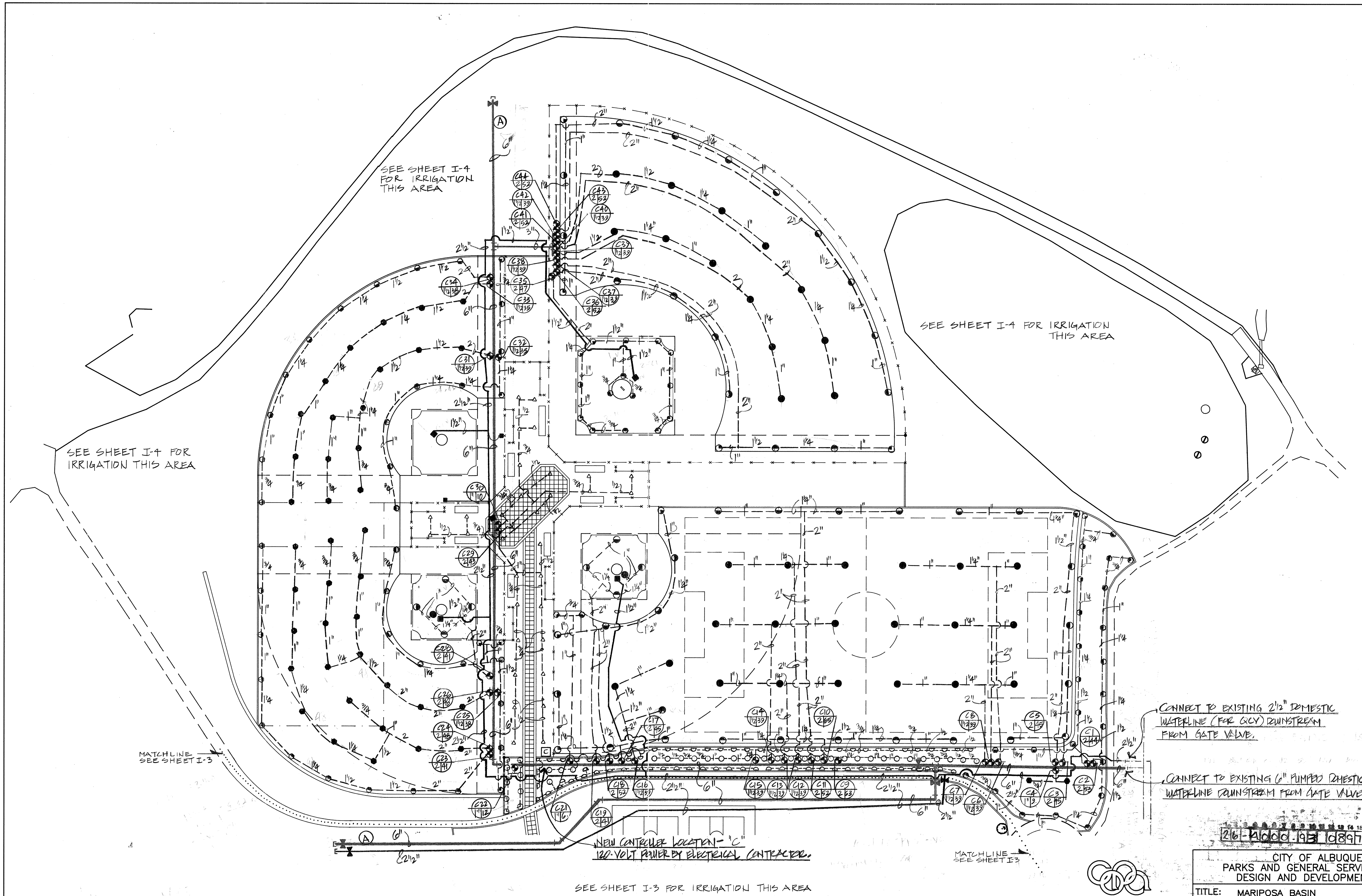
2129 Osuna Road NE, Suite 200
Albuquerque, NM 87113
(505) 345-3115

JOB NO. 94 - 110

SHEET NO. C2.1

REVISED JAN 10, 1995



26-4000.93 0897

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4300 NORTH MILLER ROAD 104
SCOTTSDALE ARIZONA 85251
UNITED STATES
(602) 481-0682
FAX: (602) 481-0939

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Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 962-8399

NORTH 0 20' 40' 80'
SCALE: 1"=40'-0"

AS BUILT INFORMATION	
CONTRACTOR	
WORK STAKED BY	DATE:
INSPECTORS APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY	DATE:
MICRO-FILM INFORMATION	
RECORDED BY	DATE:
NO.	

BENCH MARK

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

LANDSCAPE ARCHITECT'S SEAL

NO.	DATE	REVISIONS/REMARKS	BY

DESIGNED BY: CICI DATE: 9.16.94
DRAWN BY: CICI DATE: 9.16.94
CHECKED BY: CICI/INSP DATE: 10.14.94

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II— IMPROVEMENTS
IRRIGATION PLAN - ATHLETIC FIELDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	10/31/94	WATER	[signature]	10/21/94
TRANSPORTATION	[signature]	10-21-94	WASTE WATER	"	"
HYDROLOGY	[signature]	10/24/94			
PARKS/GEN. SVC.	[signature]	11/1/94			

PROJECT NO. 4000.93 | MAP NO. D-11-Z, D-12-Z, E-11-Z, E-12-Z | SHEET I-9 OF 21

WATER MANAGEMENT GUIDE

PROGRAM NO.	VALVE NO.	VALVE SYMBOL	VALVE MANUF. AND MODEL NO.	VALVE SIZE	GPM / VALVE	HEAD MANUF. AND MODEL NO. NOTE: T=TORO RB = RAINBIRD	HEAD QTY. / VALVE	HEAD INLET SIZE	DEGREE OF ARC	RADIUS	GPM	PSI	PR/HOUR	HEAD SYMBOL
10	C1		RB 200-PES-B	2"	44	TORO S700-C-PC-4.5-LA	11	3/4"	180	42'	4.23	50	.77	
10	C2		RB 200-PES-B	2"	53	TORO S700C-PC-4.5-LA	14	3/4"	180	42'	4.23	50	.77	
1	C3		RB 200-PES-B	2"	45	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	
10	C4		RB 100-PES-B	1"	9	TORO S700-FC-4.5-LA	2	3/4"	360	42'	4.23	50	.38	
1	C5		RB 200-PES-B	2"	45	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	
4	C6		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
4	C7		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
4	C8		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
15	C9		RB 200-PES-B	2"	63	RB 1804-12F-PRS-VC	25	1/2"	360	12'	2.6	30	2.0	
1	C10		RB 200-PES-B	2"	65	TORO 642-02-42	5	1"	180	55'	12.9	50	.96	
2	C11		RB 200-PES-B	2"	52	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	
5	C12		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
5	C13		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
5	C14		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
15	C15		RB 150-PES-B	1 1/2"	39	RB 1804-12H-PRS-VC	41	1/2"	180	12'	1.3	30	2.0	
6	C16		RB 150-PES-B	1 1/2'	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
2	C17		RB 200-PES-B	2"	45	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	
2	C18		RB 200-PES-B	2"	52	TORO 640-02-42	5	1"	192	55'	12.9	50	.96	
3	C19		RB 200-PES-B	2"	41	TORO 640-02-40	4	1"	108	53'	10.2	50	.96	
~~15~~	~~C20~~		~~RB 100-PES-B~~	~~1"~~	~~4~~	~~RB 1804-15Q-PRS-VC~~	~~4~~	~~1/2"~~	~~90~~	~~15'~~	~~.93~~	~~30~~	~~1.83~~	
11	C21		RB 100-PES-B	1"	6	TORO S700C-PC-VC	2	3/4"	90	35'	2.11	50	.77	
16	C22		RB 100-PES-B	1"	12	RB 1804-15H-PRS-VC	9	1/2"	180	15'	1.85	30	1.83	
11	C23		RB 200-PES-B	2"	41	TORO S700C-PC-4.5-LA	10	3/4"	180	42'	4.23	50	.77	
11	C24		RB 200 -PES-B	2"	48	TORO S700C-FC-4.5-LA	11	3/4"	360	43'	4.23	50	.38	
12	C25		RB 150-PES-B	1 1/2"	38	TORO S700-PC-4.5-LA	11	3/4"	180	42'	4.23	50	.77	
12	C26		RB 200-PES-B	2"	48	TORO S700C-PC-4.5-LA	11	3/4"	360	43'	4.23	50	.38	
~~16~~	~~C27~~		~~RB 100-PES-B~~	~~1"~~	~~4~~	~~RB 1804-15Q-PRS-VC~~	~~4~~	~~1/2"~~	~~90~~	~~15'~~	~~.93~~	~~30~~	~~1.83~~	
3	C28		RB 200-PES-B	2"	4	TORO 640-02-40	4	1"	108	53'	10.2	50	.96	
17	C29		RB 200-PES-B	2"	43	RB 1402	78	1/2"	NA	NA	.55	40	NA	
17	C30		RB 100-PES-B	1"	10	RB 1402	18	1/2"	NA	NA	.55	40	NA	
12	C31		RB 150-PES-B	1 1/2"	39	TORO S700-FC-4.5 LA	9	3/4"	360	43'	4.23	50	.38	
13	C32		RB 150-PES-B	1 1/2"	35	TORO S700C-PC-4.5 LA	9	3/4"	180	42'	4.23	50	.77	
13	C33		RB 150-PES-B	1 1/2"	35	TORO S700C-PC-4.5-LA	8	3/4"	360	43'	4.23	50	.38	
14	C34		RB 150-PES-B	1 1/2"	38	TORO S700C-PC-4.5-LA	9	3/4"	180	42	4.23	50	.77	
14	C35		RB 200-PES-B	2"	47	TORO S700C-PC-4.5-LA	15	3/4"	180	42'	4.23	50	.77	
3	C36		RB 200-PES-B	2"	52	TORO 640-02-42	4	1"	192	55'	12.9	50	.96	
8	C37		RB 150-PES-B	1 1/2"	39	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	
6	C38		RB 150-PES-B	1 1/2"	39	TORO 642-02-42	3	1"	360	55'	12.9	50	.48	
6	C39		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
7	C40		RB 150-PES-B	1 1/2"	39	TORO 644-02-42	3	1"	360	55'	12.9	50	.48	
7	C41		RB 200-PES-B	2"	52	TORO 644-02-42	4	1"	360	55'	12.9	50	.48	
8	C42		RB 150-PES-B	1 1/2"	39	TORO 642-02-2	4	1"	180	55'	12.9	50	.96	
9	C43		RB 200-PES-B	2"	52	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	
9	C44		RB 200-PES-B	2"	52	TORO 642-02-42	4	1"	180	55'	12.9	50	.96	

TO BE INCLUDED AS A PART OF PHASE II

NOT INCLUDED IN PHASE II WORK

IRRIGATION LEGEND

SPRINKLER HEAD ASSEMBLY, TORO 640 SERIES — SEE DETAIL 2709

MODEL NO.	ARC	RADIUS	GPM	PSI
641-02-40	90 DEG	50'	6.7	50
640-02-40	108 DEG	53'	10.2	50
642-02-42	180 DEG	55'	12.9	50
640-02-42	192 DEG	55'	12.9	50
643-02-42	270 DEG	55'	12.9	50
644-02-42	360 DEG	55'	12.9	50

SPRINKLER HEAD ASSEMBLY, TORO SUPER 700 C SERIES, 3" POP-UPS — SEE DETAIL 2709

MODEL NO.	RADIUS	GPM	PSI
S700-PC-2.0-LA	35'	2.11	50
S700-PC-4.5-LA	42'	4.23	50
S700-FC-4.5-LA	43'	4.23	50

SPRINKLER HEAD ASSEMBLY, RAINBIRD 1804-PRS-VC-SERIES, 4" POP-UPS — SEE DETAIL 2709

MODEL NO.	RADIUS	GPM	PSI
15Q	15'	0.93	30
15H	15'	1.85	30
12Q	12'	0.65	30
12H	12'	1.30	30
12F	12'	2.60	30

BUBBLER HEAD ASSEMBLY, (3 PER SYMBOL) RAINBIRD 1402, PRESSURE COMPENSATING BUBBLER

△ .55 GPM @ 40 PSI — SEE DETAIL 2710-A, 2710-B

SOLVENT WELD CAP, LINE SIZE

[C] AUTOMATIC CONTROLLER, MOTOROLA MIR-5000 - I (M5I-3T-OKR) WITH 48 STATIONS, RADIO CONTROLLED RECIEVER/ TRANSMITTER AND ANTENNA IN STRONG BOX NO. S8-24-DDS CABINET — SEE DETAIL

AUTOMATIC VALVE ASSEMBLY, RAINBIRD PES-B-SERIES, UNLESS NOTED OTHERWISE ON WATER MANAGEMENT GUIDE — SEE DETAIL 2703

EXISITING PIPING TO REMAIN

LATERAL PIPING, SCH. 40 PVC, SIZE AS SHOWN ON PLAN, SIZES NOT INDICATED ON PLAN SHALL BE .75"

SUBMAIN PIPING TO QUICK-COUPLERS, SCH. 40 PVC, SIZE AS SHOWN ON PLAN

IRRIGATION MAIN LINE, CLASS 200,SDR-21,O-RING GASKET END PVC, SIZE AS SHOWN ON PLAN

SCH, 40 PVC SLEEVING. PIPE SLEEVES 2 SIZES LARGER THAN PIPE TO BE ENCLOSED; WIRE SLEEVES 2"

(A) AIR RELEASE VALVE ASSEMBLY, CRISPIN A-20 SIZE 2" — SEE DETAIL 2705

ISOLATION VALVE ASSEMBLY, PEGLER 708-A, O-RING, IRON BODY GATE VALVE WITH 2" OPERATING NUT, SIZE AS SHOWN ON PLAN — SEE DETAIL 2707

QUICK COUPLING VALVE ASSEMBLY, RAINBIRD 33DRC, SIZE .75" — SEE DETAIL 2708

NOTES:

A. PER WRITTEN SPECIFICATIONS THE CONTRACTOR SHALL FLAG PROPOSED TREE AND SHRUB LOCATIONS. THE CONTRACTOR SHALL ALSO FLAG PROPOSED BUBBLER LOCATIONS. ALL PROPOSED PIPING ROUTES SHALL BE PAINTED ONTO THE GROUND SURFACE. ALL FLAGGED LOCATIONS AND PAINTED PIPING ROUTES SHALL BE PAINTED ONTO THE GROUND SURFACE. ALL FLAGGED LOCATIONS AND PAINTED PIPING ROUTES SHALL BE INSPECTED AND APPROVED BY THE OWNER PRIOR TO EXCAVATION. THE CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, EQUIPMENT, ETC., AS NEEDED TO MEET OWNERS APPROVAL AT NO ADDITIONAL COST TO THE OWNER.

B. THE CONTRACTOR SHALL INSTALL ALL PROPOSED SLEEVE PIPING PRIOR TO PAVING OPERATIONS

C. THE CONTRACTOR SHALL COORDINATE ALL SUBCONTRACTORS SO AS TO PREVENT DAMAGE TO INSTALLED IMPROVEMENTS AS CONSTRUCTION PROGRESSES. ADDITIONAL COSTS THAT MAY ARISE AS A RESULT OF THE CONTRACTORS LACK OF COORDINATION SHALL BE BORNE BY THE CONTRACTOR

D. ALL 24-VOLT WIRE SHALL BE NO.12 AWG

E. ALL EXPANSION LOOPS AT 24--VOLT VALVE LOCATIONS SHALL EXTEND 36" ABOVE FINISH GRADE

F. ALL PIPING AND IRRIGATION ASSEMBLIES SURROUNDING SOCCER FIELD MOW STRIPS SHALL BE INSTALLED AS SHOWN ON DETAIL.

G. ALL IRRIGATION EQUIPMENT DOWN-STREAM OF SOLVENT WELD CAPS SHALL BE INSTALLED BY THE CONTRACTOR SEE NOTE P FOR EXCEPTION.

H. THE WATER MANAGEMENT GUIDE SHALL NOT BE USED NOR IS IT INTENDED FOR USE IN ESTABLISHING EQUIPMENT QUANTITIES.

I. DURING CONSTRUCTION THE CONTRACTOR SHALL PROTECT EXISTING IRRIGATION EQUIPMENT FROM DAMAGE DURING CONSTRUCTION. REPAIRS TO DAMAGED EQUIPMENT SHALL BE MADE AT THE CONTRACTORS EXPENSE AND TO THE SATISFACTION OF THE OWNER.

J. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF ALL PROPOSED IRRIGATION WITH PROPOSED AND EXISTING UTILITIES AND IMPROVEMENTS SUCH AS BUT NOT LIMITED TO DEPTH OF BURY, ROUTES, LOCATIONS, GRADES, ETC.

K. THE CONTRACTOR SHALL COORDINATE WITH PARKS MANAGEMENT PRIOR TO CONNECTING TO OWNER'S PIPING, PULL BOXES, ELECTRICAL SLEEVES, ETC.

L. ALL PROPOSED OR EXISTING STRUCTURES SUCH AS BUT NOT LIMITED TO PUMPS, FILTER, VALVES, ELECTRICAL EQUIPMENT, ETC. WHICH ARE SHOWN ON PLANS ARE SCHEMATIC. ACTUAL QUANTITIES AND LOCATIONS WILL VARY. THE CONTRACTOR SHALL LOCATE ANY SUCH UTILITY STRUCTURE PRIOR AND DURING CONSTRUCTION TO PREVENT DAMAGE TO SAME.

M. THE CONTRACTOR SHALL SEQUENTIALLY WIRE VALVES TO CONTROLLERS. (STATION C-1 TO STATION ONE C-2 TO STATION TWO, ETC.) THE CONTRACTOR SHALL LABEL ALL WIRES AT VALVE, PULL BOX AND CONTROLLER LOCATIONS WITH 3M STD-09 WIRE MARKER TAPE. LABELS SHALL IDENTIFY VALVE NUMBER, PULL BOX LETTER AND CONTROLLER LETTER.

N. THE EXISTING BOOSTER PUMP STATION IS SET AT 300 GPM AT A 20 PSI BOOST. THIS NEW DESIGN AND PHASE REQUIRES THE PUMP STATION BE UPGRADED TO 450 GPM AT 25 PSI BOOST WITH THE CONTROL PACKAGE FOR A DEMAND FLOW SYSTEM. THIS WILL REQUIRE AN AUTOMATIC CONTROL PANEL AND CONTROL VALVE SIZED AS REQUIRED ON THE DISCHARGE PIPE OF THE SYSTEM AND A 3" BY-PASS VALVE WITH THE RETURN PIPING MANIFOLD TO THE 6" MAIN LINE. ALL THE ABOVE GROUND PIPING SHALL BE METAL PIPING. ALL PIPING, ELECTRICAL AND POWER SHALL BE AS PER LOCAL CODE.

O. ALL MAIN LINE FITTINGS SHALL BE DUCTILE IRON RUBBER RING TYPE WITH THREADED TAPS AS PER PLANS.

P CONTRACTOR SHALL INSTALL NO SPRINKLER HEADS AS A PART OF PHASE II WORK. CONTRACTOR IS TO INSTALL A GALVANIZED CAP IN PLACE OF EACH SPRINKLER HEAD AND POSITION EACH RISER SO THAT CAP IS 6" TO 10" BELOW FINISH GRADE PRIOR TO FINAL ACCEPTANCE. CONTRACTOR SHALL INSTALL IRRIGATION BUBBLER HEADS TO TREES PROPOSED FOR INSTALLATION AS A PART OF PHASE II.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
K16-4000d.dgn 10dgn7

AS BUILT INFORMATION
CONTRACTOR PANGL / LAS
WORK STAKED BY DATE:
INSPECTORS APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY CGPA DATE: 4.21.95
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

BENCH MARK

LANDSCAPE ARCHITECT'S SEAL

REVISIONS/REMARKS
NO. DATE BY
DESIGNED BY: CJCJ DATE: 9/94
DRAWN BY: CJCJ DATE: 9/94
CHECKED BY: CJCJ/WSP DATE: 9/94-10/94

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

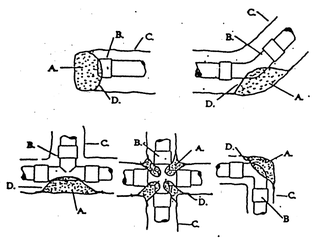
TITLE: MARIPOSA BASIN
PHASE II— IMPROVEMENTS ATHLETIC FIELDS
WATER MANAGEMENT GUIDE/ NOTES AND LEGENDS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Stanley	10/21/94	WATER	Roger Green	10/21/94
TRANSPORTATION	N/A CHO	10/21/94	WASTE WATER	"	"
HYDROLOGY	[illegible]	10/24/94			
PARKS/GEN. SVC.	[illegible]	11/1/94			

PROJECT NO. 4000.93 MAP NO. D-12 E-12 SHEET I-2 10 OF 21

Coates Irrigation Consultants Inc.
4300 NORTH MILLER ROAD. 104
SCOTTSDALE
ARIZONA 85251
UNITED STATES
(602) 481-0682
FAX: (602) 481-0939

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 962-8399



GENERAL NOTES

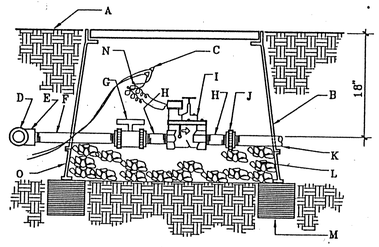
1. PVC FITTINGS SHALL BE PROTECTED FROM CONCRETE BY PLACING 10 MIL. PLASTIC SHEETING BETWEEN CONCRETE AND FITTING.

CONSTRUCTION NOTES

A. CONCRETE THRUST BLOCK PLACED AGAINST SOLID UNDISTURBED SOIL. (SEE SECTION 101).
B. PVC FITTING.
C. PIPE TRENCH.
D. 10 MIL. PLASTIC SHEETING.

2704 I-5

THRUST BLOCKS



GENERAL NOTES:

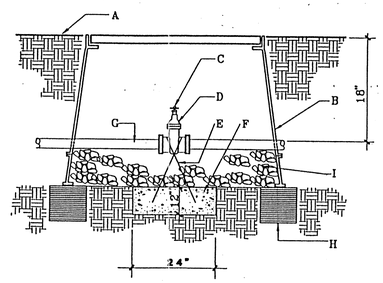
1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF PIPE AND VALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 1730 PB-18 BODY (ABS) VALVE BOX WITH 1730 BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION.
C. 3M SCOTCHLOK CONNECTORS.
D. IRRIGATION MAINLINE.
E. IRRIGATION MAINLINE SERVICE TEE OR ELL.
F. SCHEDULE 80 PVC 12" NIPPLE.
G. SPEARS TRUE UNION SCHEDULED 80 PVC BALL VALVE.
H. SCHEDULE 80 PVC 4" NIPPLE.
I. ELECTRIC VALVE. REFERENCE THE DRAWING FOR SIZE.
J. SPEARS SCHEDULE 80 PVC UNION.
K. LATERAL LINE.
L. 1" DIAMETER WASHED ROCK.
M. 8"X8"X16" SOLID CMU BLOCK.
N. 24" WIRE EXPANSION COIL.

2703 I-5

ELECTRICAL VALVE



GENERAL NOTES:

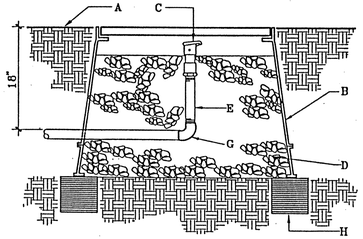
1. INSTALL AN 8"X8"X16" CMU BLOCK AT EACH CORNER OF THE VALVE BOX.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 525 SERIES SCREW TYPE PLASTIC VALVE BOX WITH TOP, BOTTOM, AND COVER.
C. 2" OPERATING NUT.
D. PEGLER VALVE, B-68 SIZE PER SCHEDULE.
E. NO. 4 REBAR.
F. THRUST BLOCK 4000 PSI CONCRETE PLACED AGAINST UNDISTURBED SOIL.
G. IRRIGATION MAINLINE.
H. 8"X8"X16" CMU BLOCK.
I. 1" DIAMETER WASHED ROCK.

2706 I-5

MAINLINE ISOLATION VALVE



GENERAL NOTES:

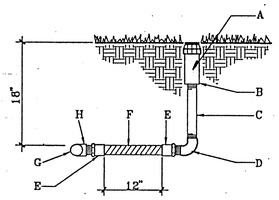
1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH CORNER OF THE VALVE BOX.
2. INSTALL 1" DIAMETER WASHED ROCK BELOW THE VALVE BOX. EXTEND WASHED ROCK UP TO COLLAR OF QUICK COUPLER VALVE.
3. INSTALL A GATE VALVE IMMEDIATELY UPSTREAM OF QUICK COUPLER VALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 525 SERIES SCREW TYPE PLASTIC VALVE BOX WITH TOP, BOTTOM, AND COVER. WHEN QUICK COUPLER VALVE IS INSTALLED IN PLAYING FIELD USE 4" PIPE WITH PLASTIC LID.
C. RAINBIRD 33 DRC QUICK COUPLER VALVE.
D. 1" DIAMETER WASHED ROCK.
E. 12" SCH. 80 PVC RISER.
F. IRRIGATION MAINLINE.
G. SCHEDULE 40 PVC ELL SXT.
H. 8"X8"X16" SOLID CMU BLOCK.

2708 I-5

QUICK COUPLER VALVE



GENERAL NOTES:

1. THIS DETAIL SHALL BE USED FOR POP-UP SHRUB SPRAY, POP-UP LAWN SPRAY, GEAR DRIVEN AND ROTARY SPRINKLER HEADS.
2. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
3. TOP OF SPRINKLER HEAD SHALL BE SET FLUSH WITH FINISH GRADE.

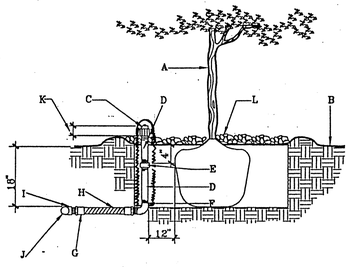
CONSTRUCTION NOTES:

A. FINISH GRADE.
B. SPRINKLER HEAD (REFERENCE THE DRAWINGS FOR TYPE).
C. SCH. 80 PVC NIPPLE. LENGTH VARIES DEPENDING UPON SIZE OF SPRINKLER HEAD.
D. SCH. 40 PVC THREADED ELL.
E. SCH. 40 PVC MIP ADAPTER.
F. PVC FLEXIBLE VINYL PIPE STD. IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
G. LATERAL PIPE.
H. SCH. 40 PVC SXSXT TEE OR SXT ELL.

NO HEADS TO BE INSTALLED AS A PART OF PHASE II WORK. INSTALL A GALVANIZED CAP AND POSITION CAP 6"-10" BELOW FINISH GRADE.

2709 I-5

SPRINKLER HEAD WITH FLEX ASSEMBLY



GENERAL NOTES:

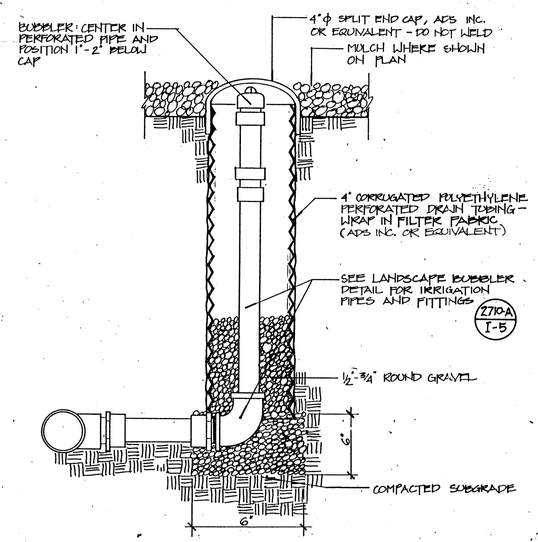
1. PROVIDE 3 BUBBLERS PER TREE. INSTALL EACH BUBBLER IN 4" Ø CORRUGATED, PERFORATED DRAIN TUBING. SEE DETAIL 2710-B THIS SHEET.
2. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
3. BUBBLERS ARE TO BE EQUALLY SPACED AROUND TREE TRUNK.

CONSTRUCTION NOTES:

A. TREE.
B. FINISH GRADE.
C. BUBBLER HEAD (REFERENCE IRRIGATION LEGEND). TYPICAL, 1 OF 3
D. SCH. 80 PVC NIPPLE.
E. SCH. 40 PVC THREADED COUPLER.
F. SCH. 40 PVC THREADED ELL.
G. SCH. 40 PVC MIP ADAPTER.
H. PVC FLEXIBLE VINYL PIPE, STD., IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
I. SCH. 40 PVC SXSXT TEE OR SXT ELL.
J. LATERAL PIPE.
K. TOP OF BUBBLER LEVEL WITH TOP OF BARK MULCH OR MAX. 1" ABOVE MATERIAL AT FINISHED GRADE (SEE PLANTING PLAN).
L. REFERENCE PLANTING PLAN, MATERIAL VARIES

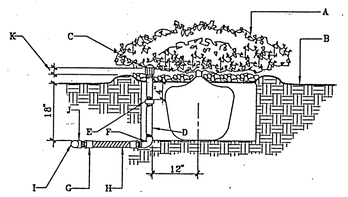
2710-A I-5

BUBBLER HEAD AT TREE



2710-B I-5

ENLARGEMENT - BUBBLER HEAD AT TREE



GENERAL NOTES:

1. LATERAL LINE PRESSURE TESTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF FLEX PIPE ASSEMBLY. LATERAL LINE TESTING SHALL BE ACCOMPLISHED BY INSTALLING A PLUG IN THE OUTLET OF LATERAL LINE TEES AND ELLS.
2. EMITTER SHALL ALWAYS BE INSTALLED ON THE UPHILL SIDE OF THE SHRUB.

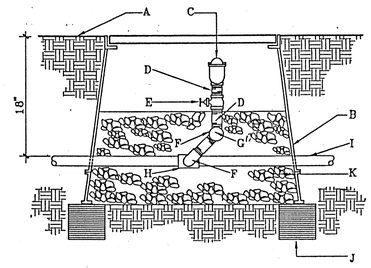
CONSTRUCTION NOTES:

A. SHRUB.
B. FINISH GRADE.
C. DRIP EMITTER (REFERENCE IRRIGATION LEGEND).
D. SCH. 80 PVC NIPPLE.
E. SCH. 40 PVC THREADED COUPLER.
F. SCH. 40 PVC THREADED ELL.
G. SCH. 40 PVC MIP ADAPTER.
H. PVC FLEXIBLE VINYL PIPE STD. IPS FROM AGRICULTURAL PRODUCTS INC. (818-768-3303).
I. LATERAL PIPE.
J. SCH. 40 PVC SXSXT TEE OR SXT ELL.
K. TOP OF EMITTER LEVEL WITH TOP OF BARK MULCH OR MAX. 1" ABOVE TOP OF MATERIAL AT FINISHED GRADE (SEE PLANTING PLAN).

NOT A PART OF PHASE II WORK

2711 I-5

DRIP EMITTER AT SHRUB



GENERAL NOTES:

1. INSTALL AN 8"X8"X16" SOLID CMU BLOCK AT EACH END OF THE VALVE BOX.
2. WASH ROCK SHALL BE INSTALLED FLUSH WITH BOTTOM OF GATE VALVE.
3. AIR RELIEF VALVE SHALL BE INSTALLED DOWNSTREAM OF THE MASTERVALVE.

CONSTRUCTION NOTES:

A. FINISH GRADE.
B. BROOKS PRODUCTS INC., 525 SERIES SCREW TYPE PLASTIC VALVE BOX WITH TOP, BOTTOM, AND COVER. WHEN AIR RELIEF VALVE IS INSTALLED IN PLAYING FIELD USE 4" PIPE WITH PLASTIC LID.
C. AIR RELIEF VALVE (REFERENCE THE DRAWINGS).
D. SCHEDULE 80 PVC NIPPLE.
E. GATE VALVE.
F. SCHEDULE 40 PVC ST. ELL.
G. SCHEDULE 40 PVC ELL.
H. IRRIGATION MAINLINE TEE.
I. IRRIGATION MAINLINE.
J. 8"X8"X16" SOLID CMU BLOCK.
K. 1" DIAMETER WASHED ROCK.

2705 I-5

AIR RELIEF VALVE

AS BUILT INFORMATION
CONTRACTOR: RANCI/LOES
WORK STAKED BY: DATE:
INSPECTORS APPROVAL: DATE:
FIELD VERIFICATION BY: DATE:
DRAWING CORRECTED BY COPA DATE: 9-23-96
MICRO-FILM INFORMATION
RECORDED BY: DATE:
NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL

REVISIONS/REMARKS BY

NO. DATE

DESIGNED BY: COPA DATE: 9-94
DRAWN BY: SMK DATE: 9-94
CHECKED BY: MSP DATE: 12-14-94

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216-A0000.93 11097

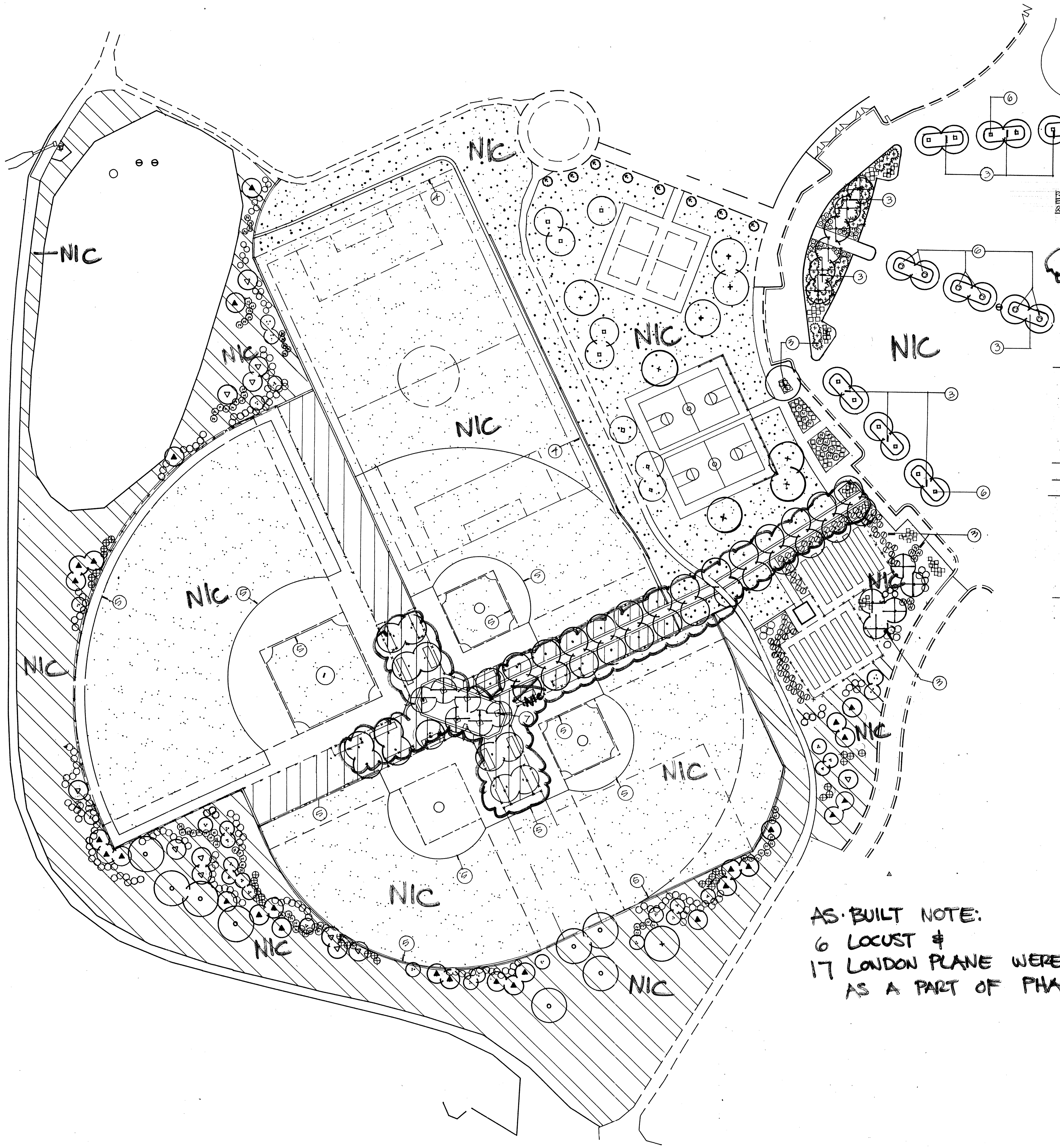
CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II IMPROVEMENTS
IRRIGATION DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10/31/94	WATER	N/A	
TRANSPORTATION	N/A	10-21-94	WASTE WATER	"	
HYDROLOGY		10/28/94			
PARKS/GEN. SVC.		11/1/94			

PROJECT NO. 400093 | MAP NO. D-11-Z D-12-Z E-11-Z E-12-Z | SHEET I-5 13 OF

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 982-8399



PLANTING LEGEND

PHASE II ESTIMATED QUANTITY	SYMBOL	EST. QTY.	DESCRIPTION	SIZE	DETAIL	NOTES
– NIC	▽ / ▲	12	AUSTRIAN PINE / Pinus nigra	5 ft. B&B	8/SD-1, 9/SD-1	
–		27	DEODAR CEDAR / Cedrus deodora	15 gal		6 FT. HEIGHT MIN.
6	⊕	17	IDAHO LOCUST / Robinia x Ambigua	2 1/2" Cal.		8 FT. HEIGHT MIN.
19	⊙	48	LONDON PLANE TREE / Platanus acerfolia	3" Cal.		10 FT. HEIGHT MIN.
–	▫	26	MODESTO ASH / Fraxinus velutina 'Modesto'	2" Cal.		8 FT. HEIGHT MIN.
–		25	NEW MEXICO OLIVE / Forestiera neomexicana	15 gal		6 FT. HEIGHT MIN.
– NIC	+	10	TEXAS RED OAK / Quercus texana	3" Cal.		AVAIL: HARRIS NURSERY, TATUM, NM (800) 233-4753
–	○	8	VALLEY COTTONWOOD / Populus fr. "Wizlezinii"	2" Cal.		10 FT. HEIGHT MIN.
–		94	APACHE PLUME / Fallugia paradoxa	1 gal	6/SD-1	
–	○	184	CHAMISA / Chrysothamnus nauseosus	1 gal		
– NIC	⊘	69	FERNBUSH / Chamaebateria millefolium	1 gal		
–	⊙	33	LAVENDER (ENGLISH) / Lavendula vera	5 gal		
–	□	63	RUSSIAN SAGE / Perovskia atriplicifolia	5 gal		
–	⊕	40	THREELEAF SUMAC / Rhus trilobata	5 gal		
–		32	WILLOWLEAF COTONEASTER / C. salicifolius	5 gal		
N.I.C.			ATHLETIC FIELD / TURFGRASS SEED MIX:			SEE SPECIFICATIONS
N.I.C.			PARK TURFGRASS SEED:			SEE SPECIFICATIONS
N.I.C.			EROSION CONTROL SEED MIX:			SEE SPECIFICATIONS
			BLUE GRAMA GRASS / Bouteloua gracilis 'Hachita'	2 LB. PLS / ACRE		New Mexico Source
			GALLETA GRASS / Hilaria jamesii 'Viva'	1 LB. PLS / ACRE		
			INDIAN RICEGRASS / Oryzopsis hymenoides 'Paloma'	4 LB. PLS / ACRE		
			SAND DROPSEED / Spolobolus cryptandrus	1 LB. PLS / ACRE		New Mexico Source
			PURPLE ASTER / Aster biglovii	1 LB. PLS / ACRE		
			FIREWHEEL / Gaillardia aristata	1 LB. PLS / ACRE		
			DESERT FOUR O'CLOCK / Mirabilis multiflora	1 LB. PLS / ACRE		
			BUSH PENSTEMON / Penstemon ambiguous	1 LB. PLS / ACRE		
			PRAIRIE ZINNIA / Zinnia grandiflora	.5 LB. PLS / ACRE		
			SAND SAGE / Artemesia filifolia	.5 LB. PLS / ACRE		
			BROOM DALEA / Dalea scoparia	.5 LB. PLS / ACRE		
*			CRUSHER FINES			* SEE SHEET L-2 FOR LIMITS OF STABILIZED CRUSHED STONE PAVEMENT.

GENERAL PLANTING NOTES

A. PLANT LOCATIONS ARE APPROXIMATE AND SUBJECT TO ADJUSTMENT IN THE FIELD. ALL PLANT LOCATIONS ARE TO BE APPROVED BY THE LANDSCAPE ARCHITECT.

B. MULCH COST FOR ISOLATED TREE PLANTINGS SHALL BE INCIDENTAL TO TREE PLANTING COST.

KEYED PLANTING NOTES

1. INSTALL STEEL EDGE.
2. INSTALL SANTA FE BROWN CRUSHER FINES, 4" DEEP ON FILTER FABRIC. APPLY PREEMERGENT HERBICIDE AFTER INSTALLATION.
3. INSTALL SANTA FE BROWN GRAVEL, 3/4" MINUS, 4" DEEP ON FILTER FABRIC THROUGHOUT AREA. GRAVEL TO 1" BELOW TOP OF ADJACENT PAVING.
4. LINE OF DIVISION BETWEEN ATHLETIC FIELD TURF GRASS AND PARK TURF GRASS.
5. LIMIT OF ATHLETIC FIELD TURF GRASS SEED MIX
6. ISOLATED TREE PLANTING INSTALLED IN 6' DIAMETER PLANTING AREA, TYPICAL: LOCATE AS SHOWN. SEE NOTE 'B' ABOVE.
7. ISOLATED TREE PLANTING INSTALLED IN 6' SQUARE PLANTING AREA, TYPICAL 1 OF 6. SEE NOTE 'B' ABOVE.

AS·BUILT NOTE:
6 LOCUST &
17 LONDON PLANE WERE INSTALLED AS A PART OF PHASE I WORK.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26-4000.93 1197

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NORTH 0 25' 50' 100'
SCALE: 1"=50'-0"

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II– IMPROVEMENTS
PLANTING PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Goolsby	10/31/94	WATER	N/A	
TRANSPORTATION	[signature]	10.21.94	WASTE WATER	"	
HYDROLOGY	[signature]	10/24/94			
PARKS/GEN. SVC.	[signature]	11/1/94			

PROJECT NO. 4000.93 | MAP NO. D-11-Z D-12-Z E-11-Z E-12-Z | SHEET P-1 14 OF 21

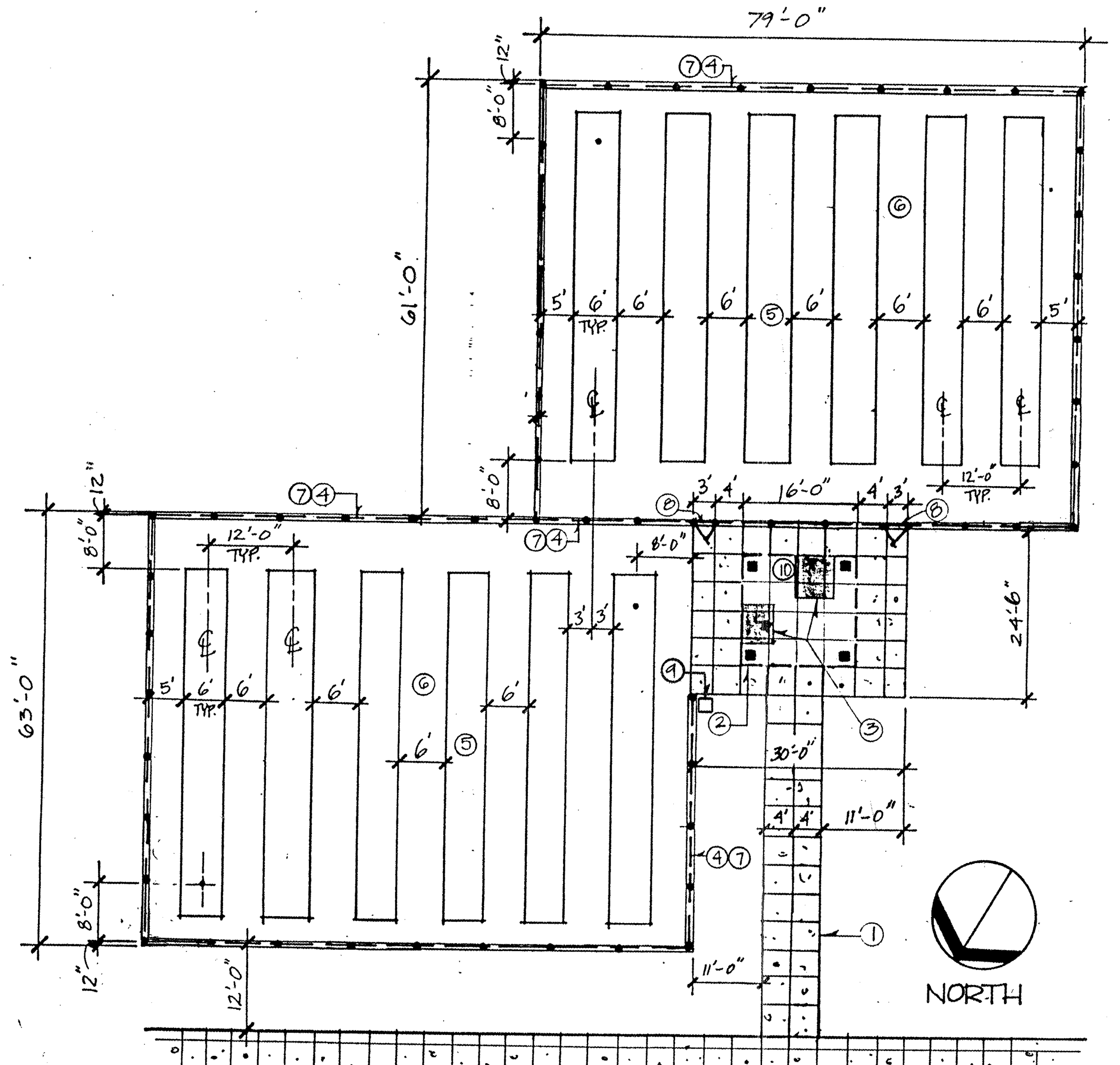
AS BUILT INFORMATION
CONTRACTOR RMCI/LEE
WORK STAKED BY DATE:
INSPECTORS APPROVAL DATE:
FIELD VERIFICATION BY DATE:
DRAWING CORRECTED BY COPA DATE: 9-27-95
MICRO-FILM INFORMATION
RECORDED BY DATE:
NO.

BENCH MARK

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

LANDSCAPE ARCHITECT'S SEAL
STATE OF NEW MEXICO WILLIAM S. PERKINS REGISTERED LANDSCAPE ARCHITECT

NO. DATE REVISIONS/REMARKS BY
DESIGNED BY: DAC DATE: 9-94
DRAWN BY: DAC DATE: 9-14
CHECKED BY: WSP DATE: 10-14-94

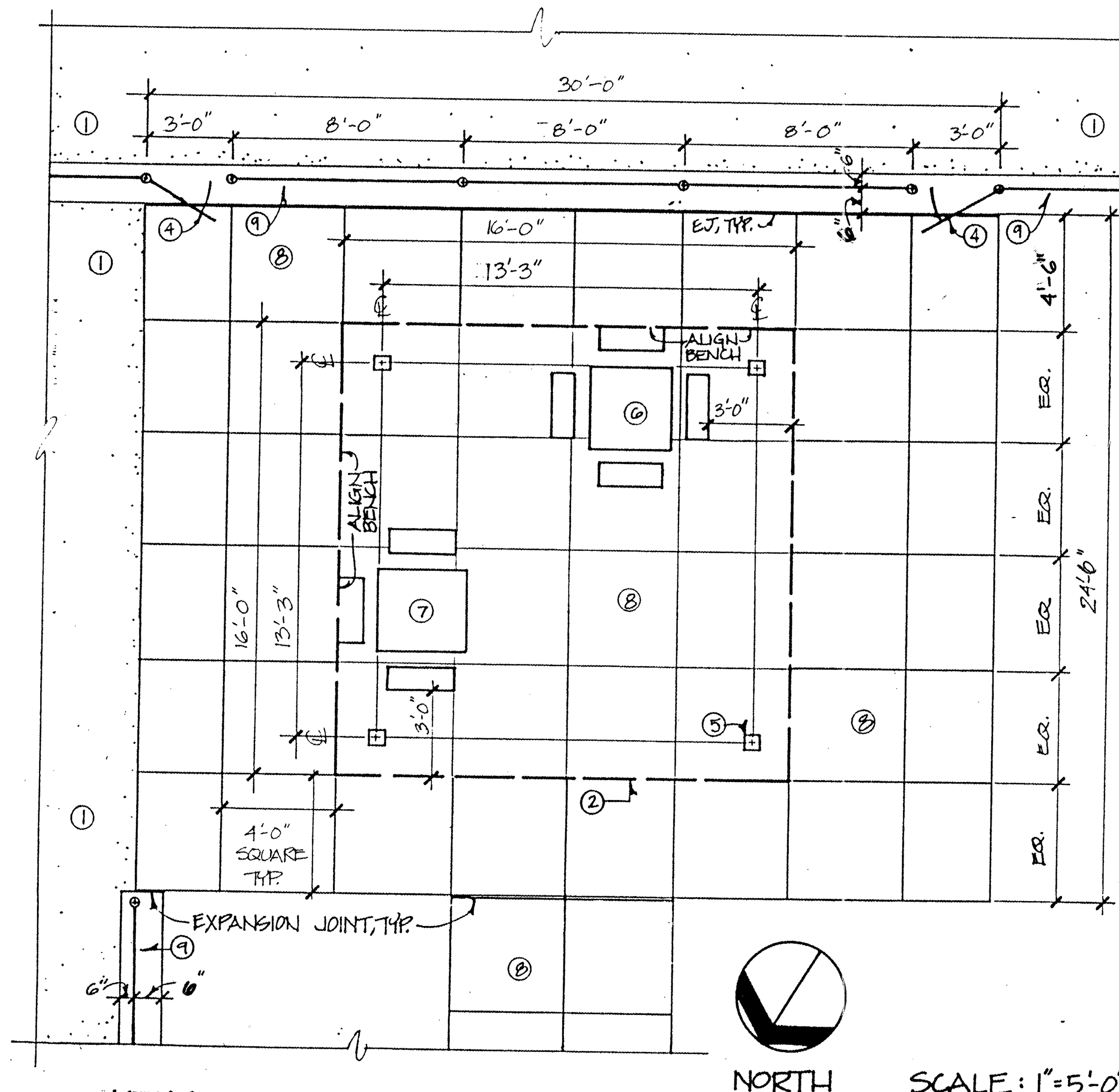


KEYED NOTES

① CONCRETE PAVING
② SHADE STRUCTURE
③ PICNIC TABLES
④ CHAIN LINK FENCE · 4'-0" HEIGHT
⑤ HORSESHOE COURT, TYPICAL · SEE DETAIL # 4/5, SHEET # SD-2 FOR SCORE JOINT LAYOUT OF HORSESHOE COURTS, SEE DETAIL # 5, SHEET # SD-2
⑥ STABILIZED CRUSHER FINES · DETAIL # 4 SHEET # SD-5
⑦ INSTALL CONCRETE EDGER AT FENCE PER DETAIL # 3 SHEET # SD-6.
⑧ CHAIN LINK FENCE GATE · 3'-0" WIDE
⑨ QUICK COUPLER, APPROX. LOCATION SEE SHEET # 11 (I-3)
⑩ FOR LAYOUT OF SHELTER AREA AND PAVING PATTERN SEE DETAIL # 3 SHEET # SD-2

1/SD-2 HORSESHOE COURTS - LAYOUT

SCALE: 1"=20'-0"



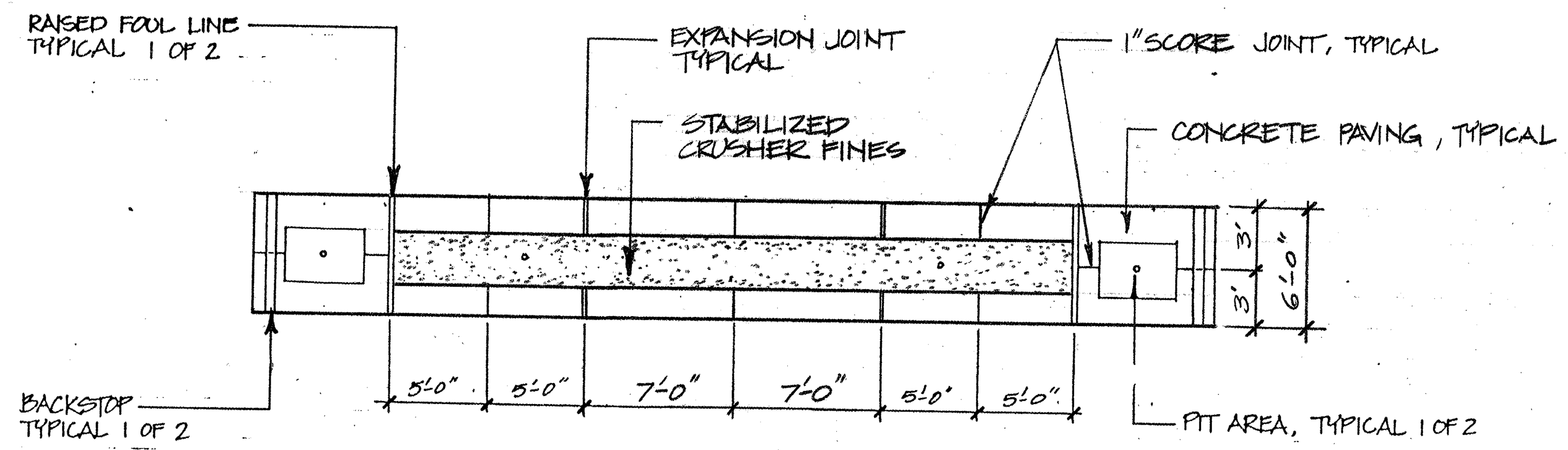
KEYED NOTES

① STABILIZED CRUSHER FINES
② OUTLINE OF SHADE STRUCTURE ROOF · 16' x 16' SEE SITE AMENITIES SCHEDULE, SHEET L-3.
③ 4'-0" HIGH CHAIN LINK FENCE, TYP. SEE DETAIL # 1, SHEET # SD-4.
④ FENCE GATE, TYPICAL 1 OF 2, SEE DETAIL # 3, SHEET # SD-4.
⑤ SHADE STRUCTURE POST · TYP. 1 OF 4, SEE DETAIL # 4, SHEET SD-1.
⑥ 4 SEAT, 38" SQUARE INGROUND TABLE · WABASH VALLEY MODEL NO. H4000 · SEE SITE AMENITIES SCHEDULE, DETAIL # 2, SHT. # SD-6
⑦ 3 SEAT, 38" SQUARE INGROUND TABLE · WABASH VALLEY MODEL NO. H4002 · SEE SITE AMENITIES SCHEDULE AND DETAIL # 2, SHEET # SD-6
⑧ CONCRETE PAVING · INSTALL PER C.O.A. STD. DETAIL # 2720.
⑨ CONCRETE EDGER AT FENCE · SEE DETAIL # 2, SHEET # SD-2.

3/SD-2 HORSESHOE PAVILION PAVING/JOINT LAYOUT

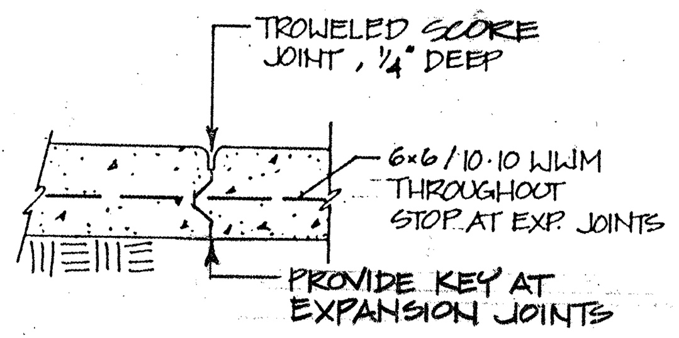
PLAN

SCALE: 1"= 5'-0"



NOTES:

1. ALL CONCRETE TO HAVE A LIGHT BROOM FINISH. FINISH TO RUN PERPENDICULAR TO COURT LENGTH.
2. FOR CONSTRUCTION OF PIT AREAS, BACKSTOPS, AND RAISED FOUL LINES, SEE DETAIL # 4 THIS SHEET.
3. STEEL EDGING IS NOT REQUIRED WITHIN HORSESHOE COURT AREA AT EDGES OF CRUSHER FINES.
4. JOINTS ARE NOT REQUIRED BETWEEN CONCRETE AND CRUSHER FINE WALK.

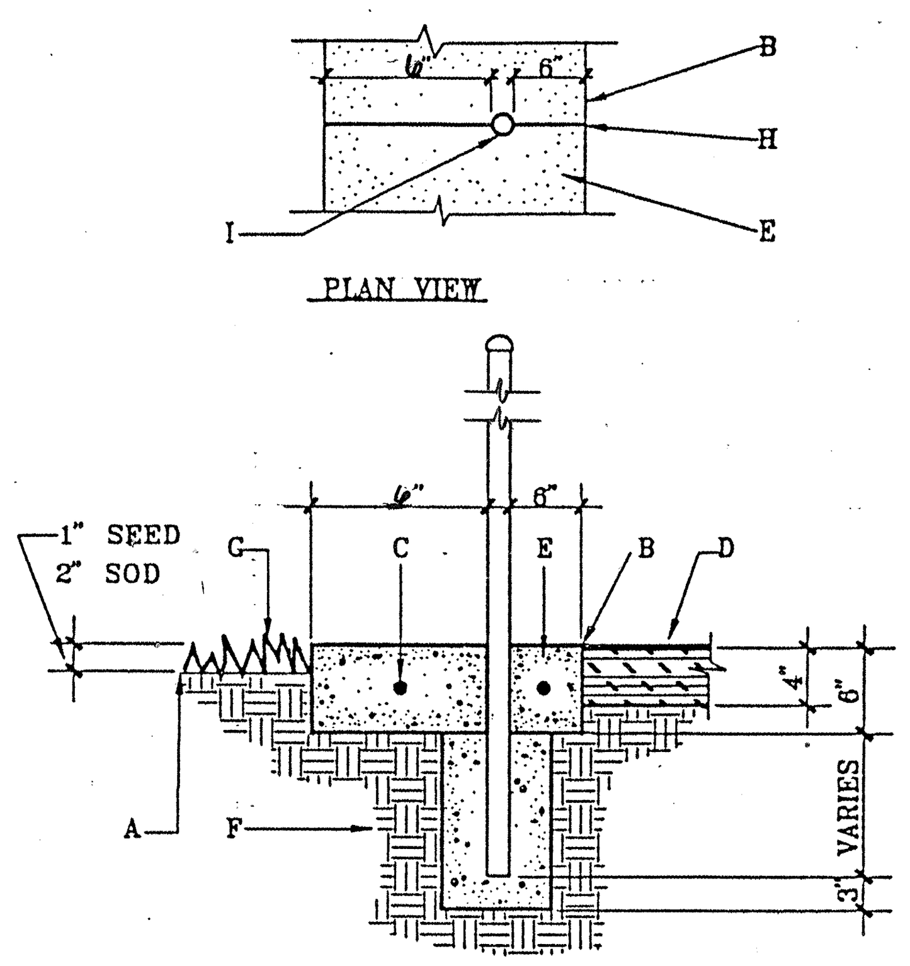


SECTION

5/SD-2 HORSESHOE COURT - PAVING/JOINT LAYOUT

PLAN

NTS



PLAN VIEW

GENERAL NOTES:

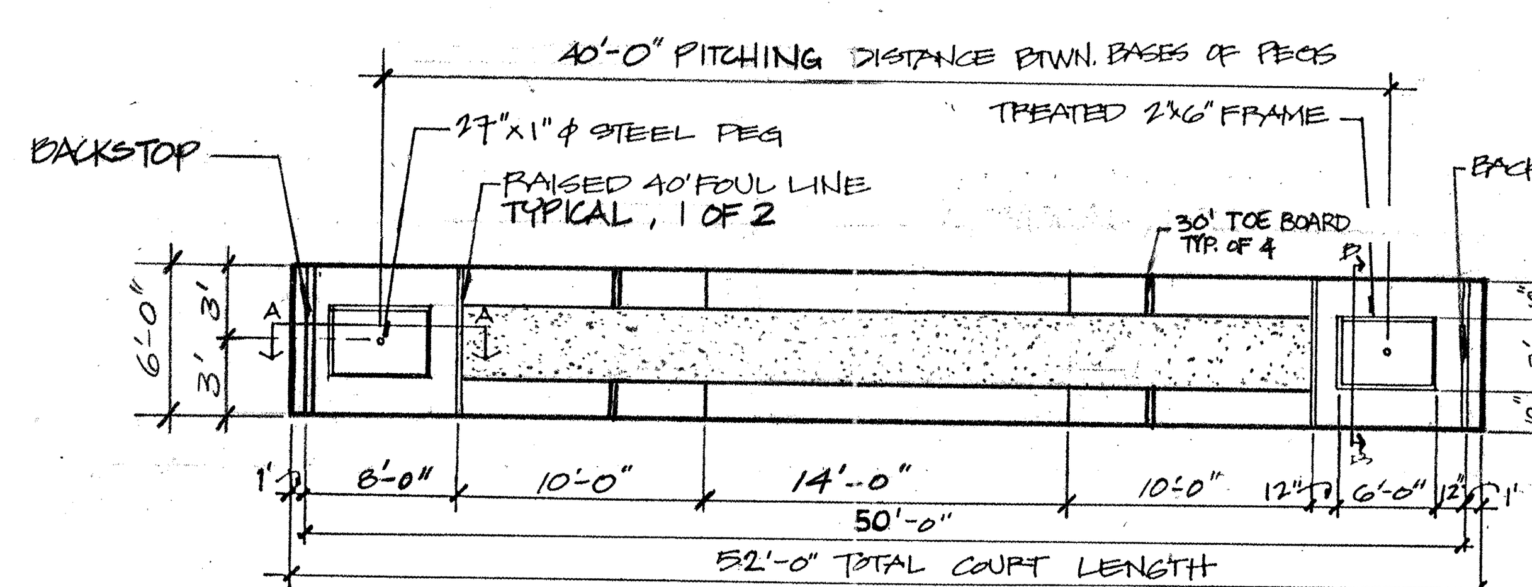
1. ~~A 12" CONCRETE EDGER SHALL BE PLACED ON THE TURF SIDE OF THE FENCE AND A 6" EDGER SHALL BE PLACED ON THE NON-TURF SIDE OF THE FENCE.~~
2. CONTROL JOINTS SHALL BE PLACED AT 5' O.C.
3. EXPANSION JOINTS SHALL BE PLACED AT 20' O.C., AND WHERE THE MOWSTRIP ABUTS ANOTHER HARD SURFACE.
4. TOP OF EDGER SHALL BE LEVEL WITH THE TURF AT FINISH GRADE.

CONSTRUCTION NOTES:

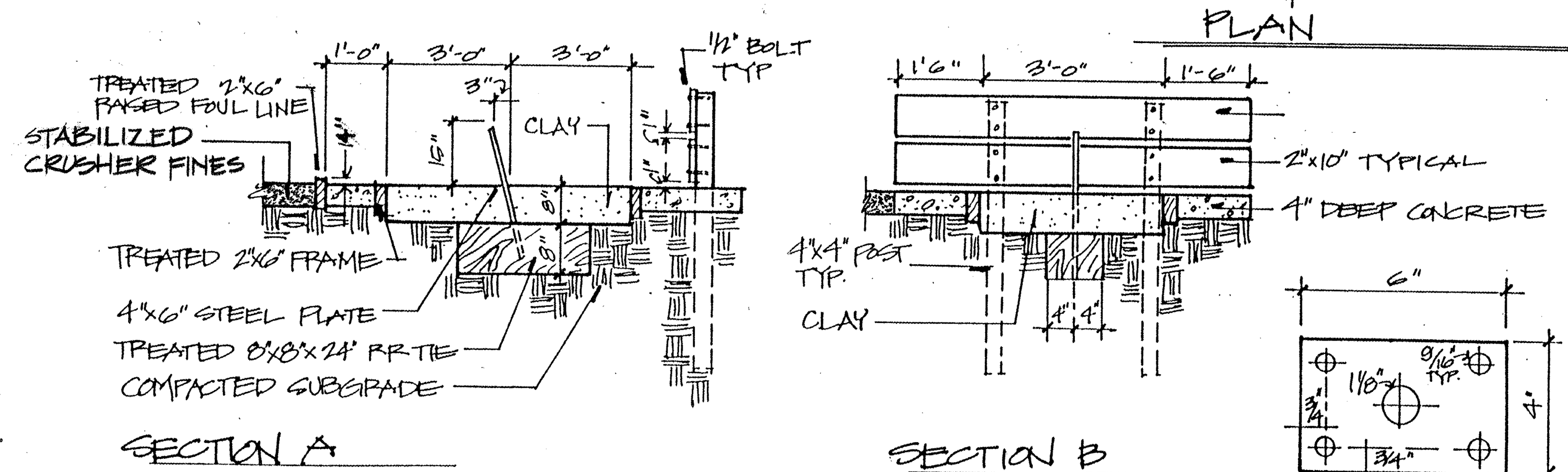
- A. FINISH GRADE.
- B. TOOLED EDGE.
- C. #3 REBAR, HORIZONTAL AND CONTINUOUS.
- D. MATERIAL VARIES. (REFERENCE THE DRAWINGS).
- E. 4000 PSI CONCRETE EDGER WITH BRUSH FINISH. (SEE SECTION 101).
- F. 6" SUBGRADE COMPACTION. (SEE SECTION 301).
- G.
- H. CONTROL JOINT.
- I. POST

2/SD-2 EDGER AT FENCE

NTS



PLAN



SECTION A

SECTION B

STEEL PLATE

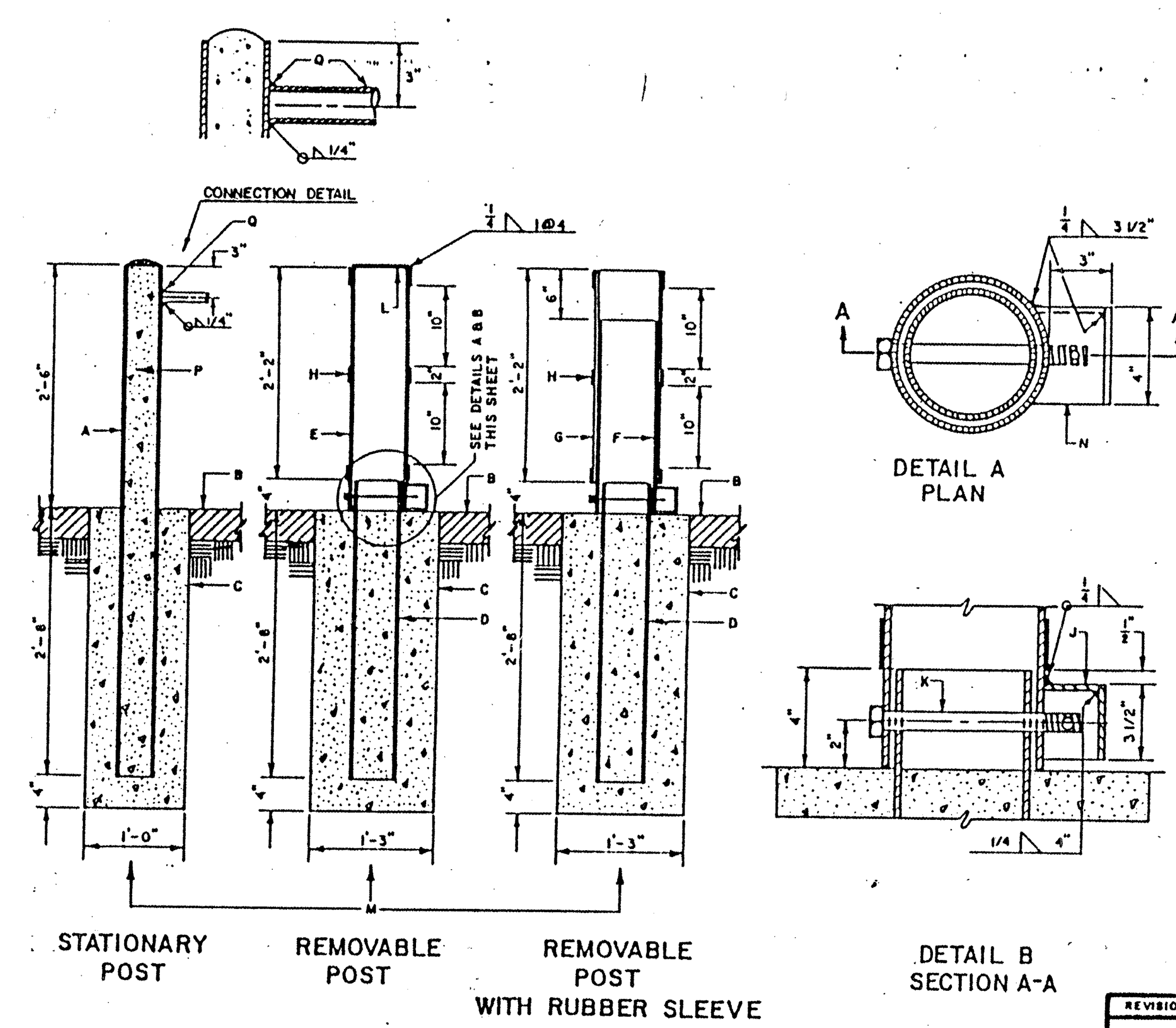
NOTES:

1. DRIVE PEG INTO 1 5/16" Ø HOLE IN RR TIE. SLIP STEEL PLATE OVER PEG AND ATTACH W/ 4 - 3" x 1/2" LAG SCREWS.
2. FOR PAVING / JOINT LAYOUT SEE DETAIL # 5, THIS SHEET
3. CLAY AVAILABLE FROM KINNEY BRICK CO., ALBUQUERQUE, TEL. 505-877-4550.
4. ALL WOOD TO BE PRESSURE TREATED PINE.
5. INSTALL STABILIZED CRUSHER FINES PER DETAIL # 4, SHEET SD-5

4/SD-2 HORSESHOE COURT

PLAN AND SECTIONS

NTS



STATIONARY POST | REMOVABLE POST | REMOVABLE POST WITH RUBBER SLEEVE | DETAIL A PLAN | DETAIL B SECTION A-A

GENERAL NOTES:

1. FOR SLEEVE, USE GATES NO. 37 W WATER HOSE, DISCHARGE HOSE OR EQUIVALENT. I.D. 6.625" O.D. 7.29", 6 PLY WITH BLACK NEOPRENE COVER.
2. WELDS ARE TO BE GROUND SMOOTH.
3. EXPOSED STEEL AND SLEEVE TO BE PAINTED WITH AN OIL BASE ALKYD PRIMER AND AN OIL BASE ALKYD ENAMEL TOP COAT. COLOR TO BE BRIGHT YELLOW.

CONSTRUCTION NOTES:

- A. 4" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 5'-2" TO BE FILLED W/CONC. PAINT PIPE BRIGHT YELLOW ABOVE FINISHED GRADE.
- B. PAVEMENT OR FINISHED GRADE.
- C. CONC. COLLAR, 3000 PSI AT 28 DAYS, W/SMOOTH OR BROOM FINISH WHERE PAVEMENT IS ADJACENT.
- D. 5" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 3'-0" TO BE FILLED W/CONC. TO LEVEL SHOWN.
- E. 6" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 2'-8" PAINT PIPE BRIGHT YELLOW (REMOVABLE).
- F. 6" NOMINAL DIA. SCHEDULE 40 GALV. STEEL PIPE, 2'-0" (REMOVABLE).
- G. SLEEVE, 2'-2" PAINT BRIGHT YELLOW, SEE NOTE NO. 1 THIS SHEET.
- H. 2" WIDE REFLECTIVE TAPE, AS APPROVED BY ENGINEER, LOCATE AROUND PIPE AS SHOWN.
- J. 1/4" THICK STEEL SAFETY GUARD BOX. OPEN ON ONE SIDE & BOTTOM. WELD ALL SEAMS.
- K. 3/4" X 8" GALV. HEX. BOLT W/A 3/8" DIA. HOLE FOR PADLOCK. (PADLOCK FURNISHED BY CITY).
- L. 1/4" X 6 5/8" DIA. GALV. STEEL PLATE COVER, WELDED TO PIPE.
- M. PLACEMENT OF POSTS SHOULD BE WELL AWAY FROM TRAFFIC ON MAJOR ROADWAYS & PREFERABLY AT THE R.O.W. LINE. TRAFFIC ENGINEERING SHOULD BE CONSULTED ON LOCATION WHEN NEAR TRAFFIC.
- N. ALIGN WITH TRAFFIC FLOW IN EASEMENTS OR BIKEPATH TO AVOID TRIPPING HAZARDS WITH BOX.
- P. PIPES ARE NOT TO BE FILLED W/CONC. WHEN PIPES ARE LOCATED WITHIN 15' OF STREET FLOWLINE. USE WELDED STEEL CAP INSTEAD.
- Q. WHERE CONNECTING BOLLARDS ARE SPECIFIED, WELD 1-1/4 NOM. SCH. 40 PIPE BETWEEN BOLLARDS.

REVISIONS

CITY OF ALBUQUERQUE
DRAINAGE
STATIONARY & REMOVABLE POST DETAILS
DWG. 2250 AUG 1986

6/SD-2 STATIONARY POST DETAIL

AS BUILT INFORMATION	
CONTRACTOR	RMCI
WORK STAKED BY	DATE:
INSPECTORS APPROVAL	DATE:
FIELD VERIFICATION BY	DATE:
DRAWING CORRECTED BY COPA	DATE: 9-27-95

MICRO-FILM INFORMATION

RECORDED BY	DATE:
NO.	

BENCH MARK

SURVEY INFORMATION

FIELD NOTES		
NO.	BY	DATE

NO.	DATE	REVISIONS/REMARKS	BY

LANDSCAPE ARCHITECT'S SEAL

DESIGNED BY: MD DATE: 9-94
DRAWN BY: SMK DATE: 9-94
CHECKED BY: WSP DATE: 10-14-94

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

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

TITLE: MARIPOSA BASIN
PHASE II IMPROVEMENTS
SITE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	[signature]	10/31/94	WATER	N/A [signature]	
TRANSPORTATION	N/A [signature]	10-21-94	WASTE WATER		
HYDROLOGY	[signature]	10/24/94			
PARKS/GEN. SVC.	[signature]	11/1/94			

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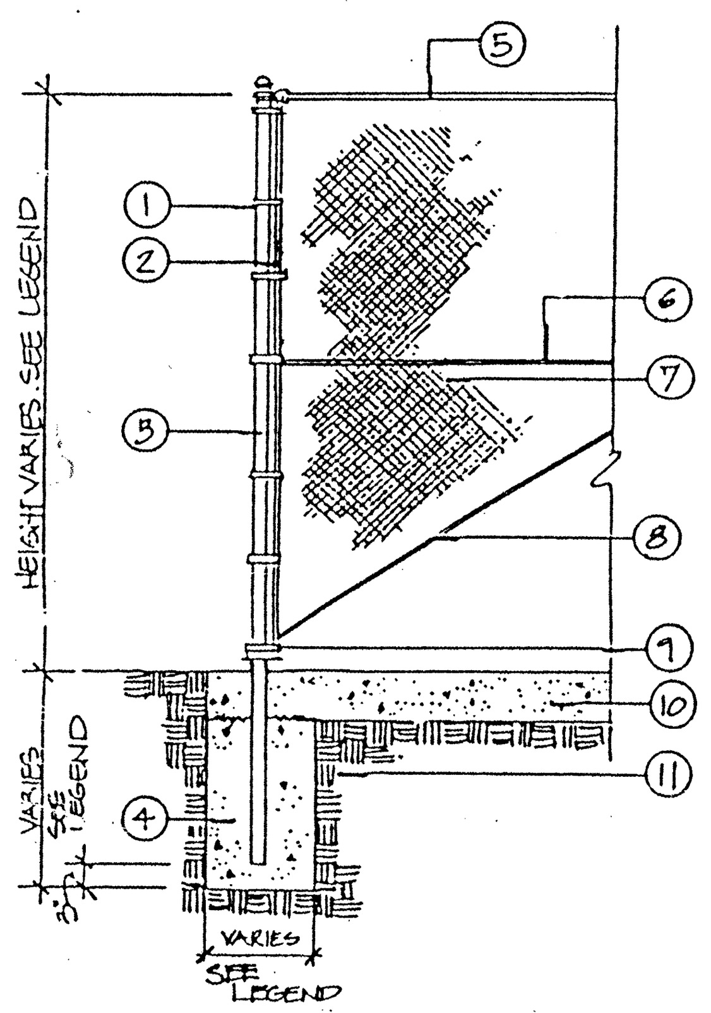
PROJECT NO. 4000.93 | MAP NO. D-11-Z D-12-Z E-11-Z E-12-Z | SHEET SD-2 16 OF 21



CHAIN LINK FENCE

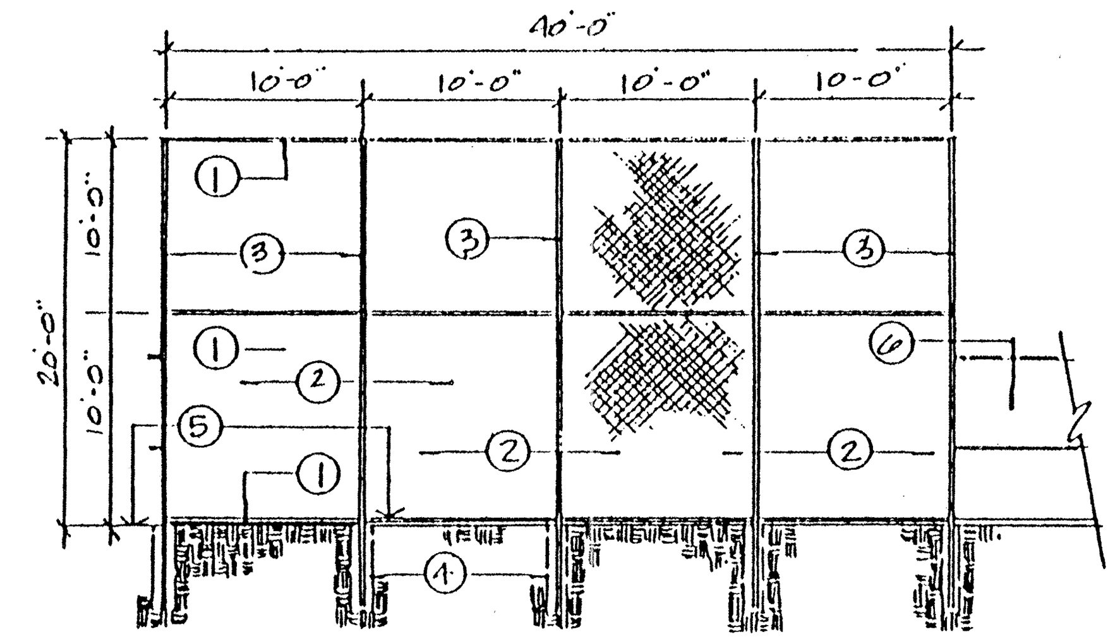
1. TENSION BAND 15" O.C. MAXIMUM
2. 3/16" X 5/8" X 40" STRETCH BAR
3. CORNER/END POST SCH. 40
4. CONCRETE FOOTING
5. 1 5/8" O.D. TOP RAIL
6. COMPRESSION BRACE
7. 9 GAUGE X 2" MESH FABRIC. TOP AND SELVAGES KNUCKLED UNDER AND WRAPPED FOR SAFETY.
8. TRUSS ROD WITH TURNBUCKLE
9. 7 GAUGE BOTTOM TENSION WIRE WITH HOG RINGS
10. CONCRETE MOWSTRIP, EXPANSION JOINTS @ 20'-0" O.C. SEE DETAIL 3 SHEET SD-6, TYPICAL AT ALL FENCES EXCEPT WHERE DESIGNATED OTHERWISE.
11. COMPACTED SUBGRADE

FOOTING LEGEND

FENCE HEIGHT	LINE POST SIZE	LINE POST FOOTING	CORNER/END SIZE	CORNER/END FOOTING
UP TO 4'	1.9" O.D.	24" X 8"	2.375" O.D.	24" X 10"
UP TO 6'	1.9" O.D.	24" X 8"	2.375" O.D.	24" X 10"
UP TO 8'	2.375" O.D.	36" X 10"	2.875" O.D.	36" X 12"

NOTES:
1. FOOTING DEPTH TO INCLUDE MOWSTRIP
2. FENCE TO INCLUDE BOTTOM RAIL IN DUGOUT AREAS. SEE DETAIL THIS SHEET

1/SD-4 CHAIN LINK FENCE
NTS



2/SD-4 CHAIN LINK FENCE - BACKSTOP
NTS

CHAIN LINK FENCE - BACKSTOP

KEYED NOTES

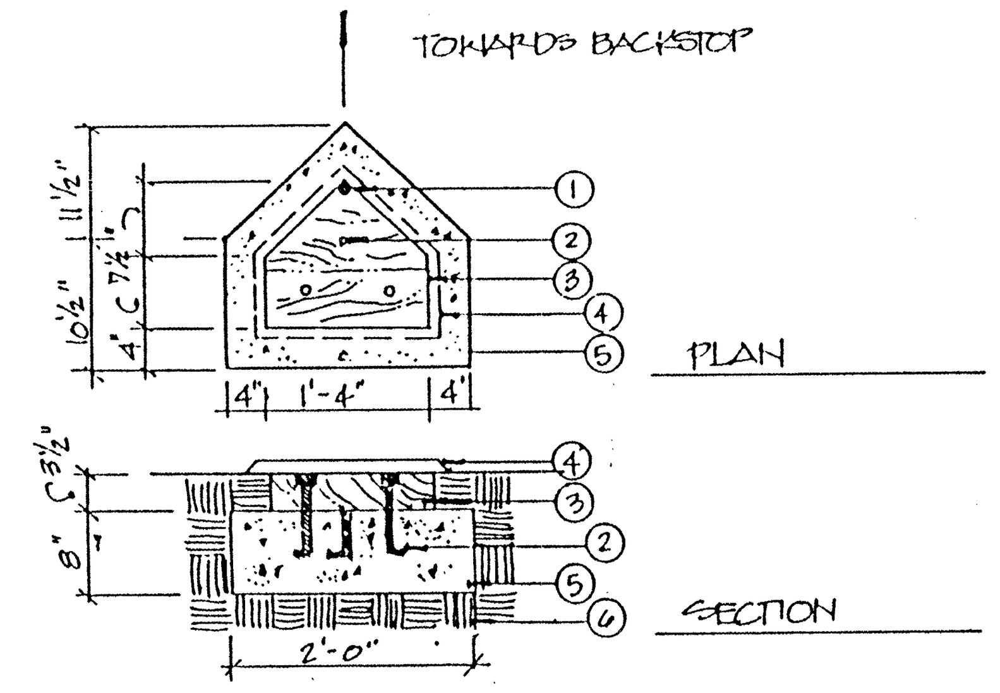
1. 1.66" O.D. GALVANIZED PIPE, SCH. 40
2. 9 GAUGE X 2" MESH GALVANIZED FABRIC
3. 4" STANDARD GALVANIZED POST
4. CONCRETE FOOTING - FOR 4.0" O.D. POST, AND 20' HIGH BACKSTOP, FOOTING SIZE TO BE 6'-0" X 1'-8".
5. CONCRETE MOWSTRIP, EXPANSION JOINTS @ 20'-0" O.C.
6. 8'-0" HIGH CHAIN LINK FENCE

GENERAL NOTES

ALL RAILS TO BE WELDED

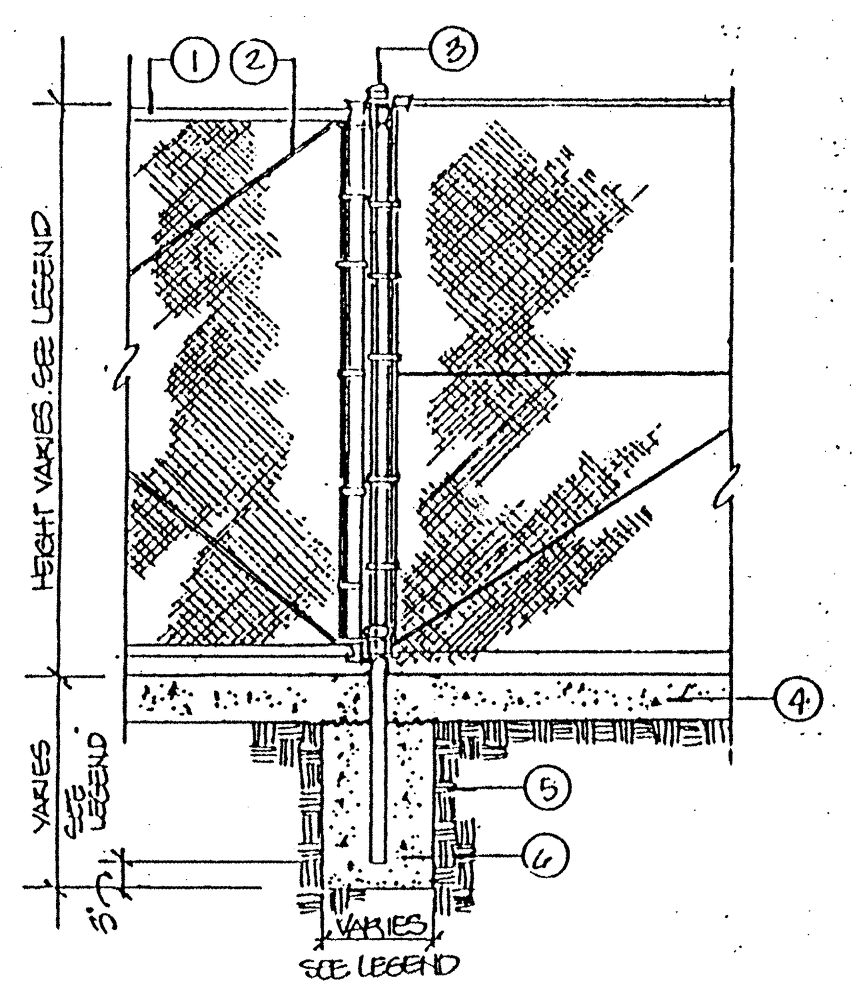
ALL WELDS TO BE PRIMED AND PAINTED WITH AIR DRY ALUMINUM

SEE FENCING SPECIFICATIONS FOR HARDWARE REQUIREMENTS



1. MONUMENT - METAL SPIKE THROUGH WOOD & CONCRETE
2. 3-3/8" DIA. x 8" ANCHOR BOLT, TYP.
3. TREATED WOOD BLOCKS, DOWEL & SPIKE TOGETHER.
4. HOME PLATE, BOLCO. SEE SPECS. AND SITE AMENITIES LIST, SHEET #L1
5. CONCRETE FOOTING
6. COMPACTED SUBGRADE.

4/SD-4 HOME PLATE



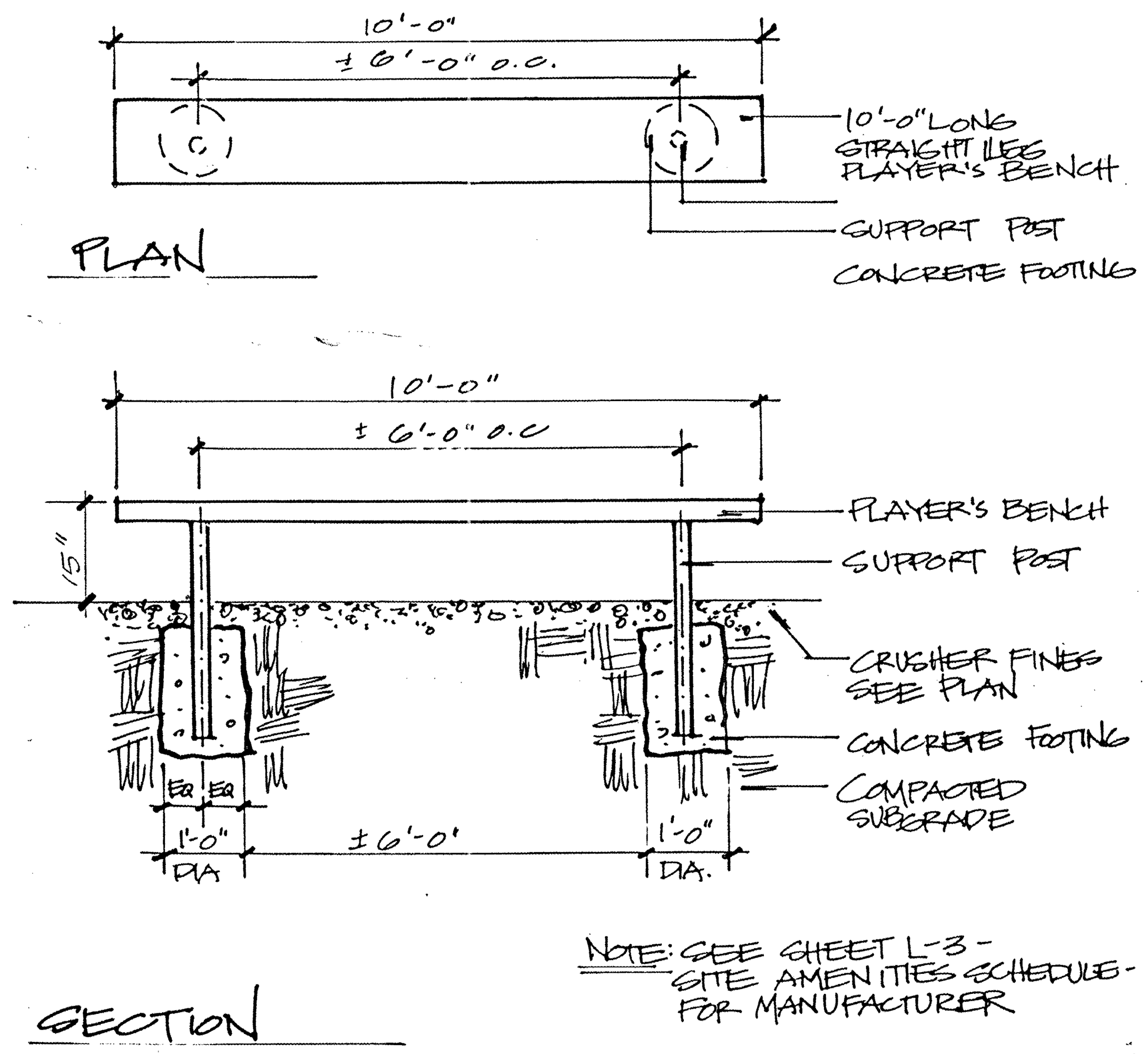
CHAIN LINK FENCE - GATE

1. CHAIN LINK GATE SIZE VARIES, SEE PLAN. SEE SPECIFICATIONS FOR ACCEPTABLE HARDWARE. WELD FRAME.
2. DIAGONAL CROSS BRACING TRUSS RODS
3. END POST
4. CONCRETE MOWSTRIP, EXPANSION JOINTS @ 20'-0" O.C. SEE DETAIL 3 ON SHEET SD-6.
5. COMPACTED SUBGRADE
6. CONCRETE FOOTING

FOOTING LEGEND

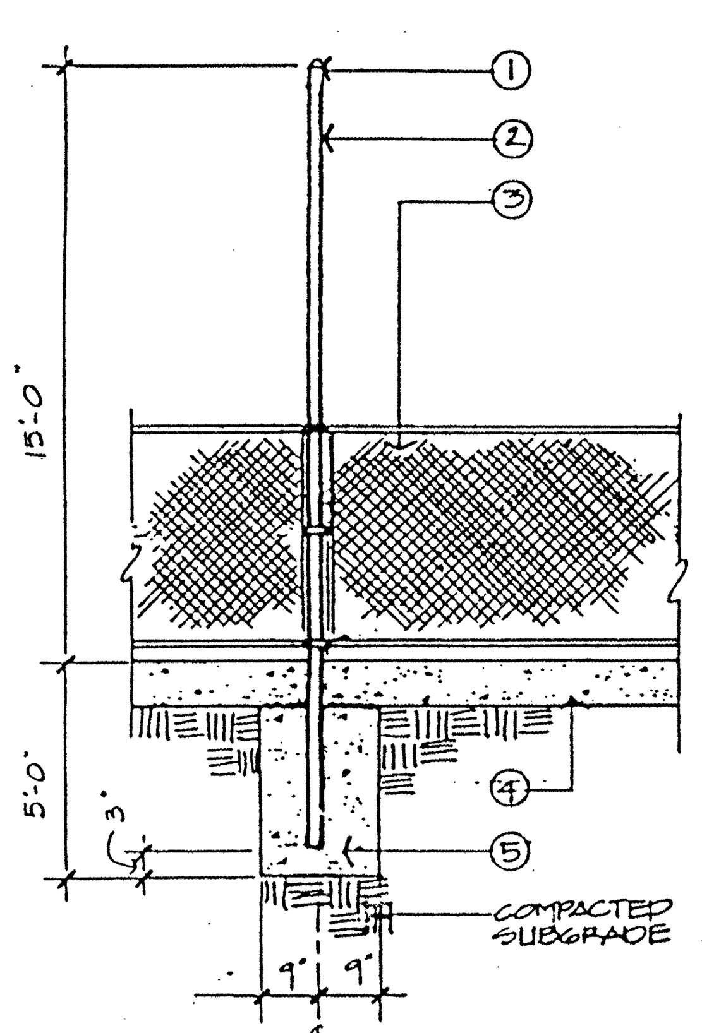
GATE LEAF WIDTH	POST SIZE	FOOTING SIZE
UP TO 4'	2.875" O.D.	24' X 12"
UP TO 6'	2.875" O.D.	24" X 12"
UP TO 8'	4.0" O.D.	36" X 16"

3/SD-4 CHAIN LINK FENCE - GATE
NTS



NOTE: SEE SHEET L-3 - SITE AMENITIES SCHEDULE - FOR MANUFACTURER

5/SD-4 PLAYERS BENCH



FOUL POLE

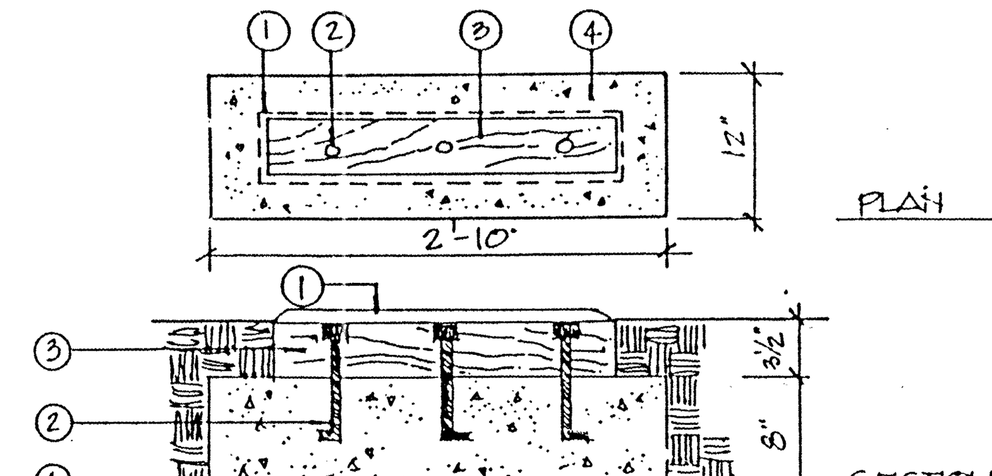
1. GALVANIZED CAP
2. 4.0" O.D. GALVANIZED POST.
3. CHAIN LINK FENCE
4. CONCRETE MOWSTRIP, EXPANSION JOINTS @ 20'-0" O.C.
5. CONCRETE FOOTING. FOR 4.0" O.D. POST AND 15'-0" FOUL POLE, FOOTING SIZE TO BE 5'-0" X 1'-6".

GENERAL NOTES

PAINTING. PREPARE POST FOR PAINTING WITH A VINEGAR WASH AND A GALVANIZED PRIMER COAT. FOUL POLE SHALL RECEIVE 2 COATS OF EXTERIOR QUALITY ENAMEL. COLOR: ORANGE

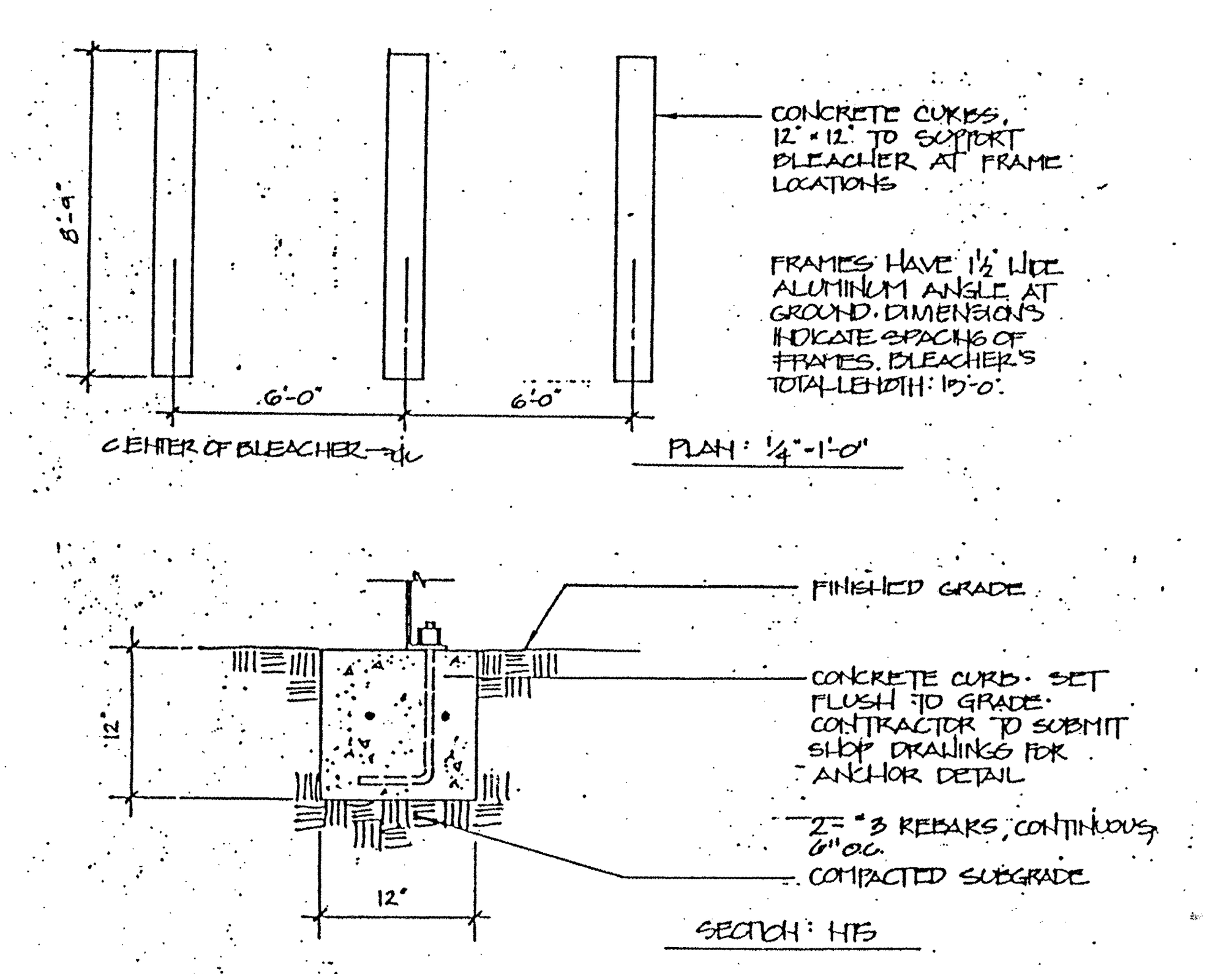
FOR FENCE HEIGHT SEE PLANS.

6/SD-4 FOUL POLE
NTS



1. PITCHING RUBBER. BOLCO. SEE SPECS AND SITE AMENITIES LIST, SHEET #L1.
2. 3-3/8" DIA. x 8" ANCHOR BOLTS. RECESS IN WOOD BLOCK W/TOP OF BOLT FLUSH W/TOP OF WOOD.
3. TREATED WOOD BLOCK - 3½" x 7½" x 24".
4. CONCRETE FOOTING
5. COMPACTED SUBGRADE

7/SD-4 PITCHER'S PLATE



NOTES:

BLEACHERS AS MANUFACTURED BY NATIONAL RECREATION SYSTEMS INC., 5021 INVESTMENT DRIVE, P.O. BOX 11487, FORT WAYNE, IN. 46858-1487, MODEL # H-05156. LOCAL REPRESENTATIVE: LEISURE DESIGN SYSTEMS, INC., CONTACT: GENE EVERTS, (505) 292-3391.

8/SD-4 BLEACHERS - PLAN AND ANCHOR DETAIL

26-4000.93 1397

Campbell Okuma Perkins Associates, Inc.
Landscape Architecture and Site Planning

418 Central S.E.
Albuquerque, NM 87102
(505) 242-9928

1339 Pacheco No. 8
Santa Fe, NM 87501
(505) 962-8399

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II-A IMPROVEMENTS
SITE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	B.J. Goolsby	10/31/94	WATER	N/A	
TRANSPORTATION	N/A RHD	10-21-99	WASTE WATER		
HYDROLOGY	N/A	10/24/94			
PARKS/GEN. SVC.		11/1/94			

PROJECT NO. 4000.93 | MAP NO. D-11-Z, D-12-Z, E-11-Z, E-12-Z | SHEET SD-4 18 OF 2[illegible]

AS BUILT INFORMATION
CONTRACTOR
WORK STAKED BY / DATE:
INSPECTORS APPROVAL / DATE:
FIELD VERIFICATION BY / DATE:
DRAWING CORRECTED BY COPA DATE:
MICRO-FILM INFORMATION
RECORDED BY / DATE:
NO.

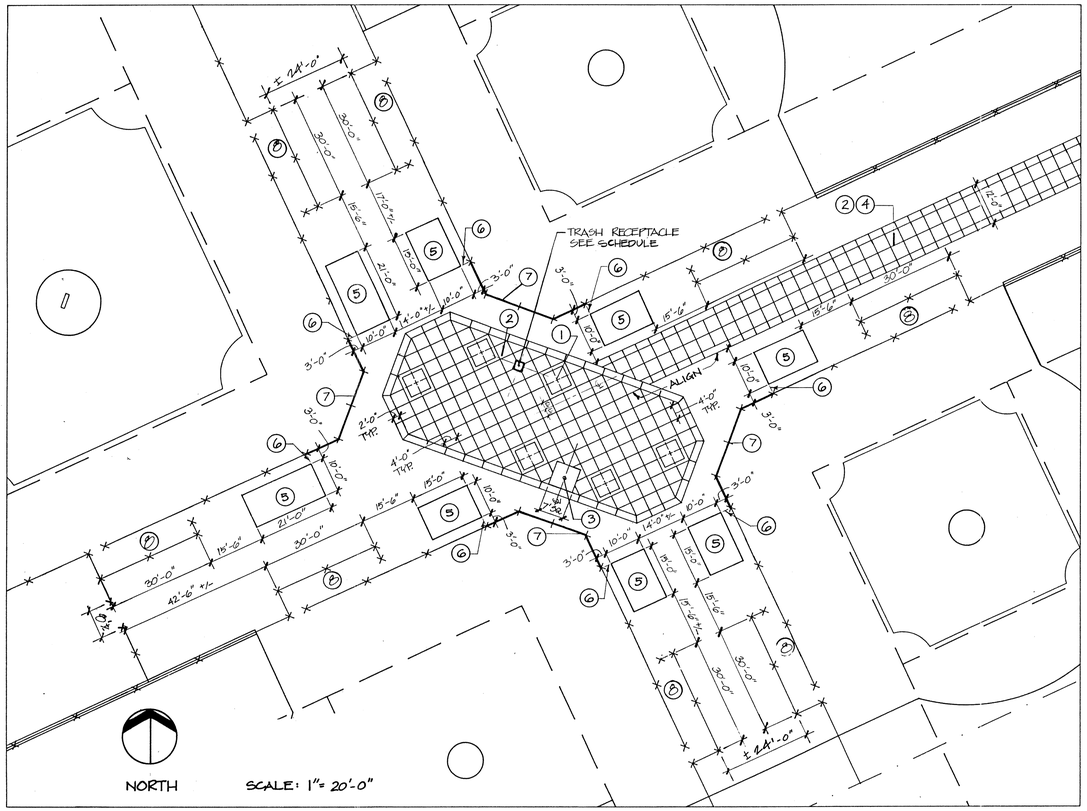
BENCH MARK

SURVEY INFORMATION
FIELD NOTES
NO. | BY | DATE

LANDSCAPE ARCHITECT'S SEAL

NO. | DATE | REVISIONS/REMARKS | BY

DESIGNED BY COPA | DATE:



KEYED NOTES:

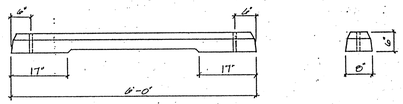
1. TREE WELL, TYPICAL 1 OF 6, 6'-0" SQUARE, CENTER IN PAVING PATTERN AT LOCATIONS SHOWN.
2. PAVING PATTERN TO BE 4'-0" SQUARE, ALIGN AS SHOWN.
3. DRINKING FOUNTAIN LOCATION, SEE DETAIL #6, SHEET #SD-5
4. 12'-0" WIDE CONCRETE WALK
5. BLEACHERS, SEE SCHEDULE AND DETAIL # 8, SHEET #SD-4
6. ALIGN BLEACHER LOCATIONS WITH OUTER POSTS ON BACKSTOPS, TYPICAL.
7. BACKSTOP
8. DUGOUT

GENERAL NOTES:

1. FOR COORDINATE POINTS SEE COORDINATE POINTS ARE TO DOMINATE DIMENSIONS SHOWN.

1 / SD-5 PLAZA AREA LAYOUT PLAN

INSTALLATION: DRIVE #5 REBAR (3' LONG) INTO EACH HOLE UNTIL FLUSH W/ TOP OF BUMPER.



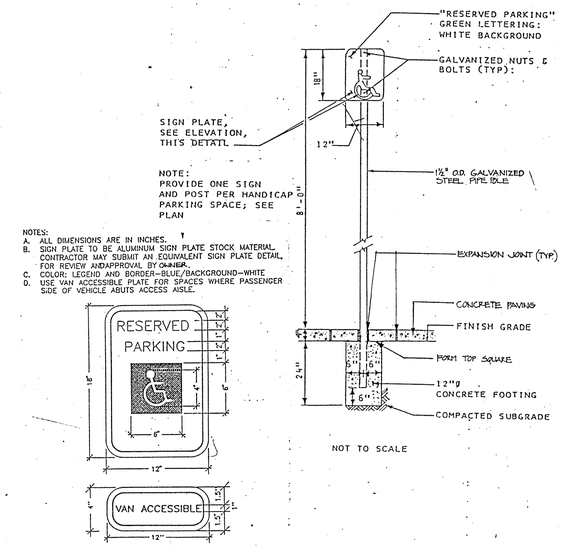
CONCRETE SPECIFICATIONS: 4000 28 DAY COMPRESSIVE STRENGTH (MIN)
4-7% ENTRAINED AIR
MILD STEEL REINFORCING AS REQUIRED
POLYPROPYLENE FIBER SECONDARY REINFORCING

FORMS: SMOOTH SURFACE FIBERGLASS
COLOR: GREY
FINISH: SMOOTH AS CAST.
WEIGHT: 230 lbs.

MANUFACTURER: AS PROVIDED BY MATERIALS INC., OR APPROVED EQUAL.
(505) 891-8888

7 / SD-5 6'-0" PRECAST PARKING BUMPER

NTS

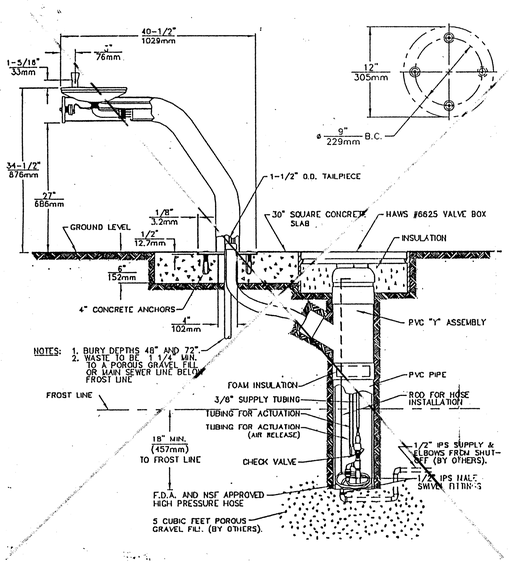


ELEVATION

NOT TO SCALE

2 / SD-5 HANDICAP PARKING SIGNAGE

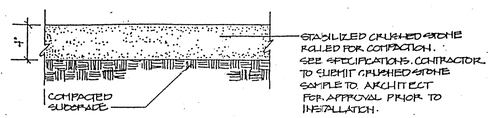
NTS



Model 3380FR

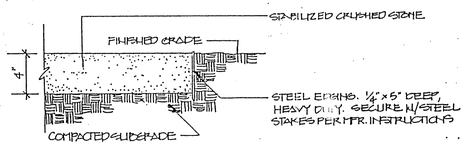
6 / SD-5 DRINKING FOUNTAIN

SECTION NTS



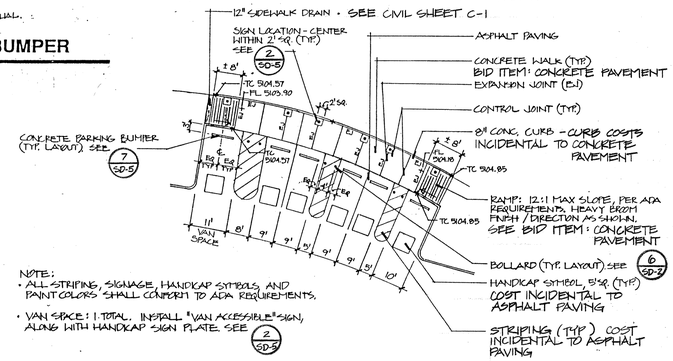
4 / SD-5 STABILIZED CRUSHED STONE PAVEMENT

SCALE 1 1/2"=1'-0"



5 / SD-5 STEEL EDGING

SCALE 1 1/2"=1'-0"



3 / SD-5 HANDICAP PARKING LAYOUT

PLAN NTS

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
36-4000d.93 11497

NO.	DATE	REVISIONS/REMARKS	BY
		DESIGNED BY: MD	DATE: 9-94
		DRAWN BY:	DATE: 9-94
		CHECKED BY: JUA/WSP	DATE: 10.14.94

SURVEY INFORMATION	BENCH MARK	LANDSCAPE ARCHITECT'S SEAL
FIELD NOTES		
BY / DATE		

AS BUILT INFORMATION (PWC)

CONTRACTOR
WORK STAKED BY — DATE:
INSPECTORS APPROVAL — DATE:
FIELD VERIFICATION BY — DATE:
DRAWING CORRECTED BY COPA — DATE: 9-27-95

MICRO-FILM INFORMATION

RECORDED BY — DATE:
NO.

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II IMPROVEMENTS
SITE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10/31/94	WATER		
TRANSPORTATION	NA DAD	10.21.94	WASTE WATER	"	
HYDROLOGY		10/28/94			
PARKS/GEN. SVC.		11/1/94			

PROJECT NO. 4000.93 | MAP NO. D-11-Z, D-12-Z, E-11-Z, E-12-Z | SHEET SD-5 19 OF 21

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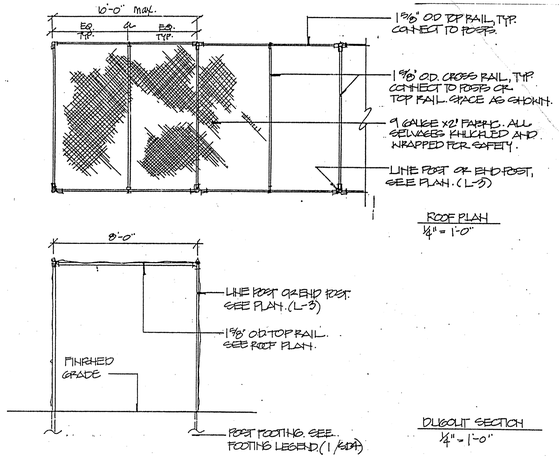
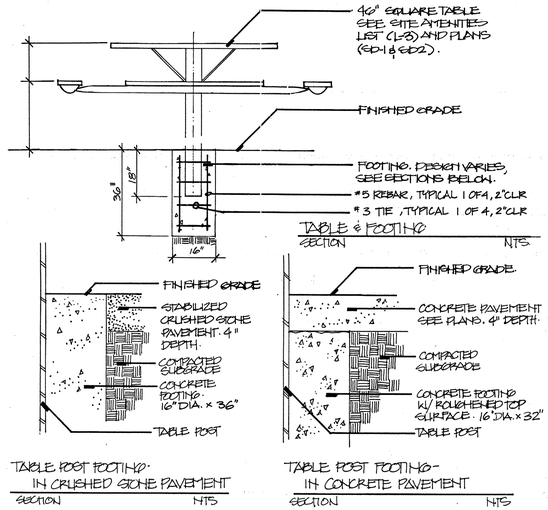
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 982-8399

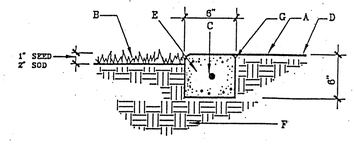


NOTES:
1. MOWSTRIP AT BASE OF FENCE. SEE COA STD. DWG. NO. 2726.
2. FOR CHAIN LINK FENCE DETAIL AND FOOTING LEGEND SEE DETAIL 1/SD4.
3. ALL RAILS TO BE WELDED
4. ALL WELDS TO BE PRIMED AND PAINTED WITH AIR DRY ALUMINUM.
5. CONTRACTOR TO SUPPLY SHOP DRAWINGS OF DUGOUT TO ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION.
6. COST OF DUGOUT ROOF IS INCIDENTAL TO COST OF CHAINLINK FENCE.

1 SD-6 **DUGOUT**
AS SHOWN



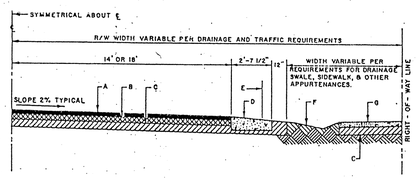
2 SD-6 **TABLE FOOTING**
NTS



GENERAL NOTES:
1. CONTROL JOINTS SHALL BE PLACED AT 5' O.C..
2. EXPANSION JOINTS SHALL BE PLACED AT 20' O.C., AND WHERE THE MOWSTRIP ABUTS ANOTHER HARD SURFACE.
3. TOP OF MOWSTRIP SHALL BE LEVEL WITH THE FINISH GRADE.

CONSTRUCTION NOTES:
A. FINISH GRADE.
B. SOD OR SEEDED TURF (REFERENCE THE DRAWING).
C. #3 REBAR, HORIZONTAL AND CONTINUOUS.
D. MATERIAL VARIES (REFERENCE THE DRAWING).
E. 4000 PSI CONCRETE MOWSTRIP. (SEE SECTION 101).
F. SUBGRADE COMPACTED TO 95%. (SEE SECTION 301).
G. TOOLED EDGE. (TYP.)

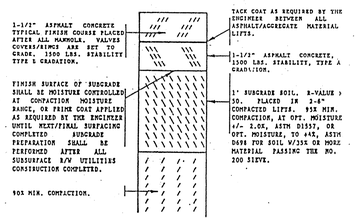
3 SD-6 **CONCRETE MOWSTRIP** DWG 2726
NTS



TYPICAL SECTION FOR
32 FT. OR 40 FT. ESTATE TYPE STREET

GENERAL NOTES:
1. ESTATE TYPE STREET SECTION TO BE USED ONLY WHEN PERMITTED IN THE APPROVED DRAINAGE PLANS.
2. RIGHT-OF-WAY REQUIREMENTS TO BE ESTABLISHED BY THE DRB DESIGN OF SIDEWALK CONFIGURATION, DRAINAGE REQUIREMENTS & OTHER APPURTENANCE LOCATIONS, SHALL BE APPROVED ON AN INDIVIDUAL SITE BASIS AND SHALL BE SHOWN ON THE PROJECT CONSTRUCTION PLANS.
3. ALL ASPHALT CONCRETE PAVEMENT SHALL COMPLY WITH SECTION 114.
4. RESIDENTIAL PAVEMENT SECTIONS APPLICABLE TO RESIDENTIAL STREETS SERVING 50 LOTS OR LESS UNLESS AUTHORIZED BY THE CITY ENGINEER. STREETS SERVING MORE THAN 50 LOTS SHALL BE DESIGNED AS ARTERIAL/COLLECTOR STREETS IN ACCORDANCE WITH COA DPM, VOL. 2, SECTION 23, STREET DESIGN.

CONSTRUCTION NOTES:
A. ASPHALT CONCRETE PAVEMENT.
B. COMPACTED SUBGRADE, 95% COMPACTION.
C. COMPACTED SUBGRADE, 90% COMPACTION.
D. MOUNTABLE CURB ESTATE TYPE.
E. THEORETICAL FACE OF CURB OR FLOWLINE.
F. PROJECT DESIGNED SWALE.
G. SIDEWALK.



FLEXIBLE PAVEMENT SECTION

4 SD-6 **PAVING STREET SECTION** DWG 2406
NTS

NO.	DATE	AS BUILT INFORMATION	BENCH MARK
		CONTRACTOR (DMCI)	
		WORK STAKED BY DATE:	
		INSPECTORS APPROVAL DATE:	
		FIELD VERIFICATION BY DATE:	
		DRAWING CORRECTED BY COPA DATE: 9-27-95	
		MICRO-FILM INFORMATION	
		RECORDED BY DATE:	
		NO.	

NO.	BY	SURVEY INFORMATION FIELD NOTES DATE

SEAL

LANDSCAPE ARCHITECT'S SEAL

NO.	DATE	REVISIONS/REMARKS	BY
		DESIGNED BY: COPA DATE: 9-16-94	
		DRAWN BY: WBT DATE: 9-16-94	
		CHECKED BY: WSP DATE: 10-14-94	

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
216-1000d.93 11597

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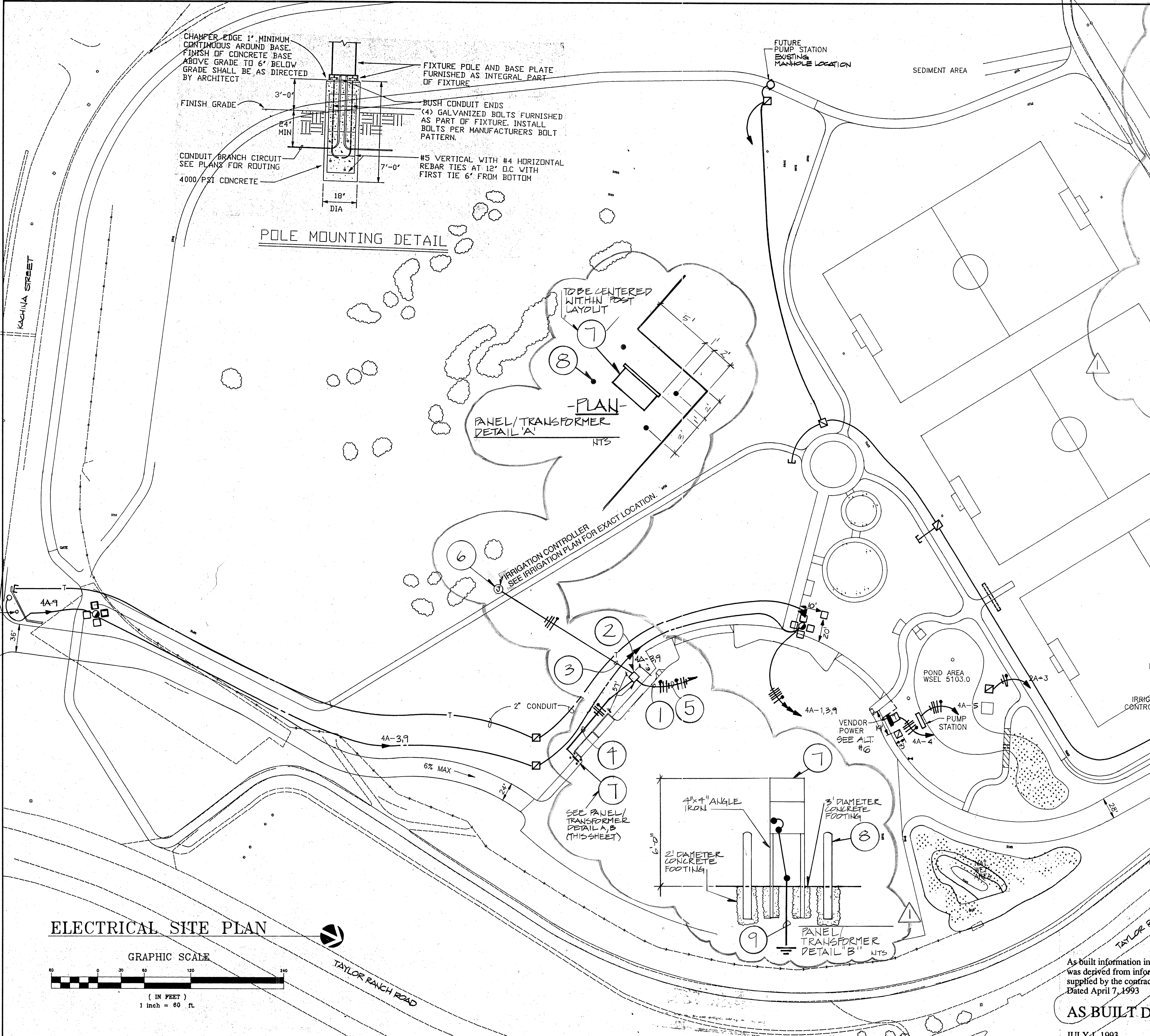
Landscape Architecture and Site Planning
418 Central S.E. Albuquerque, NM 87102 (505) 242-9928
1339 Pacheco No. 8 Santa Fe, NM 87501 (505) 982-8399

CITY OF ALBUQUERQUE
PARKS AND GENERAL SERVICES DEPARTMENT
DESIGN AND DEVELOPMENT DIVISION

TITLE: MARIPOSA BASIN
PHASE II IMPROVEMENTS
SITE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN		10/31/94	WATER	n/a RLD	
TRANSPORTATION		10-21-94	WASTE WATER	"	
HYDROLOGY		10/28/94			
PARKS/GEN. SVC.		11/1/94			

PROJECT NO. 4000.93 MAP NO. D-11-NN D-12-Z E-11-NN E-12-NN SHEET SD-6 20 OF 21



ELECTRICAL SITE PLAN

GRAPHIC SCALE

0 30 60 120 240

(IN FEET)
1 inch = 60 ft.

MARIPOSA BASIN PHASE II

KEYED NOTES

1. EXISTING 2" PVC CONDUIT TO THE IN-GROUND J-BOXES THAT CONNECT TO THE CONDUITS EXTENDING UNDER THE DAM AND TO PANEL "2A" AND "4A".
2. FURNISH AND INSTALL A QUAZITE BOX #PC-1212-BA-12 WITH A 12-12CG-OO GASKETED, LOCKING COVER OR EQUAL. PLACE 3" OF GRAVEL IN THE BOTTOM OF THE BOX. CONNECT THE BOX TO THE EXISTING 2" CONDUIT AND THE NEW CONDUITS.
3. FURNISH AND INSTALL A 1 1/4" PVC CONDUIT WITH 3-#6 CONDUCTORS. CONNECT TO A SPARE, 20 AMP, SINGLE POLE BREAKER IN PANEL "2A".
4. FURNISH AND INSTALL 2" PVC CONDUIT WITH 3-#2 CONDUCTORS. CONNECT TO A NEW 30 AMP, TWO POLE BREAKER IN PANEL "4A". PROVIDE NEW 30 AMP, TWO POLE BREAKER IN PANEL "4A".
5. FURNISH AND INSTALL IN THE EXISTING 2" CONDUIT 3- #6 CONDUCTORS AND 3- #2 CONDUCTORS. THE 3-#6 CONDUCTORS SHOULD BE EXTENDED TO PANEL "2A". THE 3- #2 CONDUCTORS SHOULD BE EXTENDED TO PANEL "4A".
6. FURNISH AND INSTALL CONNECTION FOR THE NEW IRRIGATION CONTROLLER. PROVIDE ALL NECESSARY DEVICES, BOXES, CONDUIT, ETC. COORDINATE WITH EQUIPMENT SUPPLIED.
7. FURNISH AND INSTALL A SQUARE "D" MINI POWER-ZONE #MPZ10S40F COMBINATION TRANSFORMER AND PANEL. THE UNIT SHALL HAVE A 30 AMP, TWO POLE MAIN BREAKER FOR THE PRIMARY OF THE TRANSFORMER AND A 60 AMP MAIN BREAKER FOR THE SECONDARY OF THE TRANSFORMER. THE TRANSFORMER SHALL BE A 10 KVA 480-120/240 VOLT. THE PANEL SHALL HAVE FOUR- 20 AMP, SINGLE POLE BREAKERS; ONE -30 AMP, TWO POLE BREAKER, AND FOUR-SINGLE POLE SPACES. ALL BREAKERS SHALL BE BOLT-IN TYPE.
8. STATIONARY STEEL POST PER CITY OF ALBUQUERQUE STANDARD DETAIL 2250 / 502 / 16
9. FURNISH AND INSTALL A 5/8" x 10' GROUND ROD. PROVIDE GROUNDING PER N.E.C. ARTICLE 250 FOR A SEPARATELY DERIVED SYSTEM.

AS BUILT INFORMATION: CONTRACTOR BMCI; WORK STAKED BY; INSPECTORS ACCEPTANCE BY; FIELD VERIFICATION BY; DRAWINGS CORRECTED BY COPA DATE 9.07.95

MICRO-FILM INFORMATION: RECORDED BY; DATE; NO.

BENCH MARKS

SURVEY INFORMATION — FIELD NOTES: NO. | BY | DATE

ENGINEER'S SEAL — 10-18-94

FOR CITY SUBMITTAL AND FOR BID

NO.	DATE	REVISIONS REMARKS	BY
1	9/16/97	MARIPOSA PHASE II IMPROVEMENTS	COPA

DESIGN: DESIGNED BY TELCON DATE 9/94; DRAWN BY JP DATE 9/94; CHECKED BY MH/TELCON DATE 10/17/94

TELCON ENGINEERING INC.
4800 JUAN TABO N.E STE. A
ALBUQUERQUE, NEW MEXICO 87111
(505)292-3202 (505)292-3904 FAX

CITY OF ALBUQUERQUE
DESIGN AND DEVELOPMENT DIVISION
PARKS AND GENERAL SERVICES DEPT.

MARIPOSA BASIN
PHASE II IMPROVEMENTS
ELECTRICAL SITE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C Chair	[signature]	10/31/94	WATER	N/A RAH	
TRANS. DEV.	N/A RHD	10-21-94	WASTE WATER	"	
HYDROLOGY	N/A [signature]	10/24/94	NMUI		
PARKS DEPT.	[signature]	11/1/94			

PROJECT NO. 4000.93 | MAP NO. D11/E11 | SHEET E-1 21 OF 21

As built information indicated on this drawing was derived from information prepared and supplied by the contractor, Bradley Construction Dated April 7, 1993

AS BUILT DRAWINGS

JULY 1, 1993

26-4000.93 1697