

# 100% Construction Documents

# Parkway Park Phase II

1001 1/2 Tessa Dr., N.W.

NEW TURF AREA: 1.24 ACRES

PARKS AND RECREATION DEPARTMENT  
CITY OF ALBUQUERQUE

## INDEX OF DRAWINGS

TITLE

COVER SHEET

## LAYOUT PLAN

### GRADING PLAN - SUBMITTED BY OTHERS

## DRAINAGE PLAN & CALCULATIONS - SUBMITTED BY OTHERS

## IRRIGATION PLAN

## PLANTING PLAN

## DETAILS

## SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

## TYPICAL TRAFFIC CONTROL AND SIGNING EXAMPLES

SHEET NO.

1 OF 9

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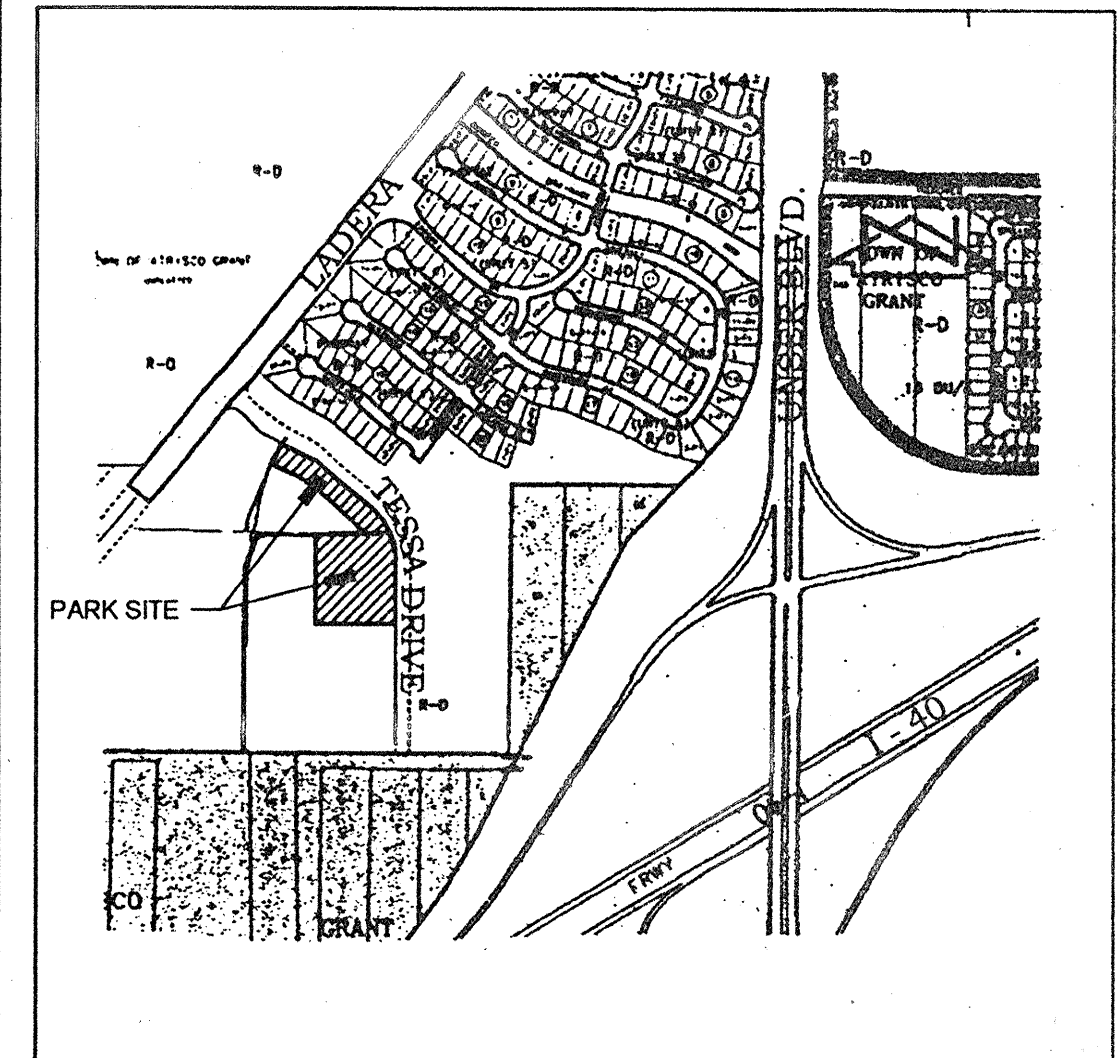
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9 OF 9

SET NUMBER: \_\_\_\_\_



SCALE: NTS

VICINITY MAP J-9-Z

## GENERAL NOTES

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED, FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 ED. AND SHALL INCLUDE UPDATE NO.6
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL COORDINATE WITH WATER SYSTEMS DIVISION (857-8200) FIVE WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION THREE DAYS PRIOR TO NEEDING VALVES TURNED ON OR OFF.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- 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 OF ALBUQUERQUE SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISH 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 NEW GRADE, UNLESS OTHERWISE SPECIFIED.
- ALL WATER LINES TO BE C900 PVC, AND ALL SEWER LINES TO BE SDR35 PVC.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.

FOR INFORMATION ONLY

## DESIGN WORKSHOP

506 Agua Fria  
Santa Fe, NM

(Tel.) 505.982.8399  
(Fax) 505.986.1396

[illegible]



PARKLAND VIEW DRIVE, N.W.

APS existing fence APS maintains

PROPERTY LINE

COA-PRD PROPERTY  
City of Albuquerque Parks and Recreation  
Department Property. No Joint Use. City to  
maintain: fence, trees, turf, shrubs, walks,  
shade structure, tables, play equipment, benches, trash  
receptacles, concrete swales, parking lot, bike racks,  
signage, irrigation system.

EXCLUSIVE JOINT USE SITE  
APS AND COA Exclusive Joint Use Site.  
Exclusive APS use during school hours of operation.  
City to maintain: chain link fence, turf, mow strips,  
gates, concrete swales, irrigation system.

Property Line:  
COA property north of property line  
APS property south of property line

NON-EXCLUSIVE JOINT USE SITE  
APS AND COA Non-exclusive Joint Use Site.  
Non-exclusive joint use by APS and COA. City to  
maintain: chainlink fence, trees, turf, shrubs, walks,  
mow strips, tables, gates, benches, trash receptacles,  
concrete swales, parking lot, signage, irrigation system.

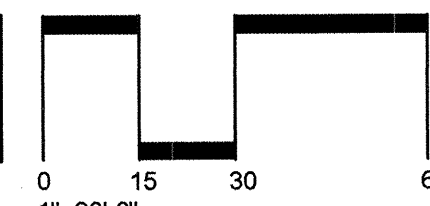
EXISTING WALK

EXISTING APS DRIVE ACCESS:  
APS To maintain crusher fine driveway.  
Area South of bottom mow strip/sidewalk and the  
Adjacent chain link fence and gate.

TESSA DRIVE, N.W.

## LEGEND

	PROPERTY LINE
	JOINT USE SITE CITY & APS
	EXCLUSIVE APS USE
	LIMITS OF COA MAINTENANCE RESPONSIBILITY
	NON-EXCLUSIVE JOINT USE SITE



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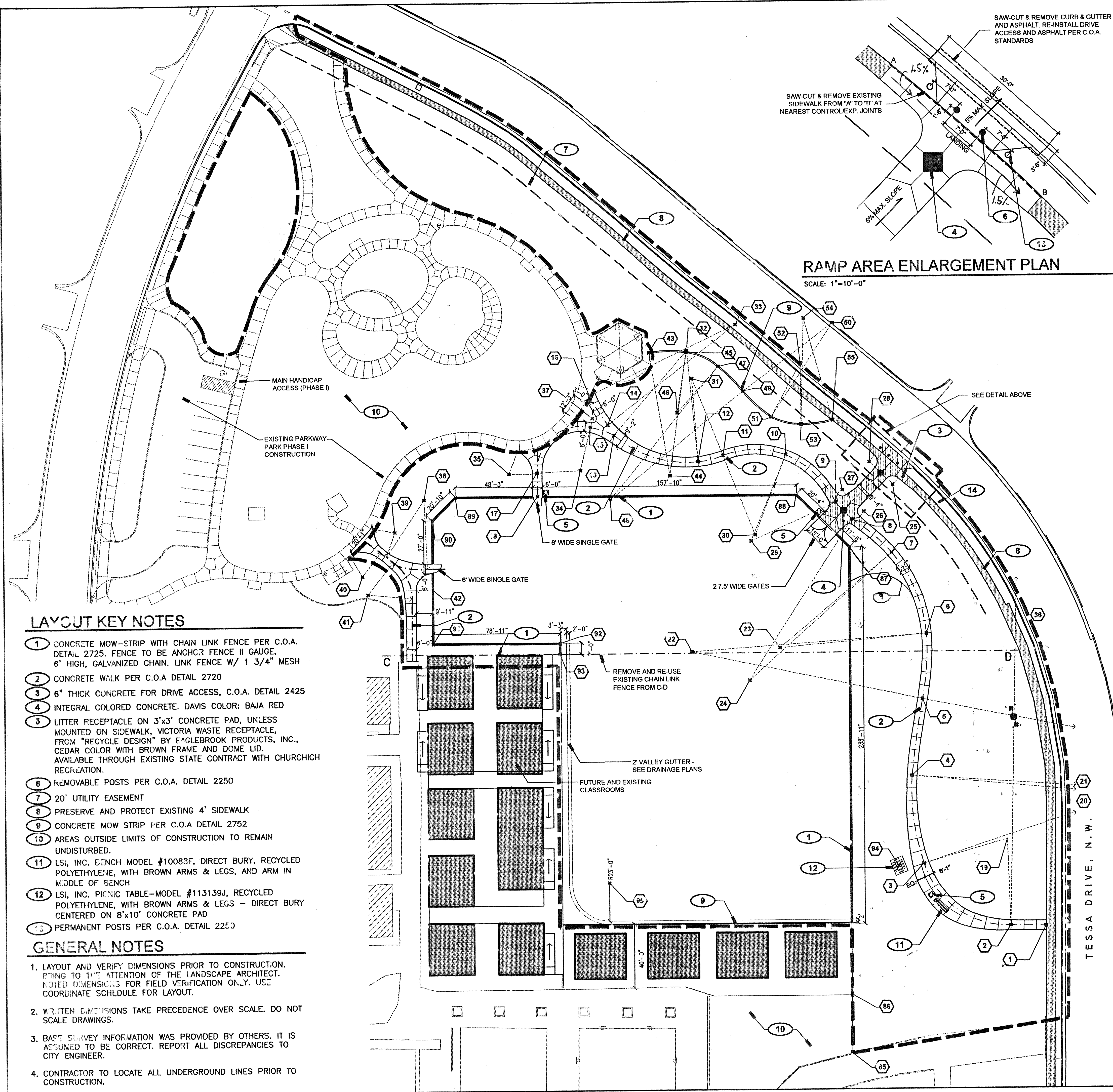
FOR INFORMATION ONLY

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: Painted Sky/Parkway Park Joint Use Agreement Maintenance Exhibit Notes			
Design Review Committee	City Engineer Approval	Last Design Update	
		MO/DAY/YR	MO/DAY/YR
City Project No. 662891	Zone Map No. J-9-Z	Sheet 1	Of 1

SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
NO.	BY	DATE	AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED "ACS BM. 3-19"	CONTRACTOR	DATE:
			DISK IS SET IN THE NORTH WEST TOP END OF A CONCRETE	WORK STAKED BY	DATE:
			CULVERT PIPE LOCATED ON THE NORTH SIDE OF WESTBOUND	INSPECTOR'S APPROVAL	DATE:
			1-40, 0.13 +/- MILES WEST OF THE CENTERLINE OF	FIELD VERIFICATION BY	DATE:
			UNSER BLVD. N.W. ELEVATION=5187.56 FEET (NGVD 29)	DRAWING CORRECTED BY	DATE:
				MICRO-FILM INFORMATION	
				RECORDED BY	DATE:
				NO.	

DESIGNED BY: GW-KB	DATE: 08-10-01
DRAWN BY: SY	DATE: 08-10-01
CHECKED BY: KB	DATE: 08-10-01





RAMP AREA ENLARGEMENT PLAN  
SCALE: 1"=10'-0"

LAYOUT KEY NOTES

- 1 CONCRETE MOW-STRIP WITH CHAIN LINK FENCE PER C.O.A. DETAIL 2725. FENCE TO BE ANCHOR FENCE II GAUGE, 6' HIGH, GALVANIZED CHAIN LINK FENCE W/ 1 3/4" MESH
- 2 CONCRETE WALK PER C.O.A. DETAIL 2720
- 3 6" THICK CONCRETE FOR DRIVE ACCESS, C.O.A. DETAIL 2425
- 4 INTEGRAL COLORED CONCRETE, DAVIS COLOR: BAJA RED
- 5 LITTER RECEPTACLE ON 3'x3' CONCRETE PAD, UNLESS MOUNTED ON SIDEWALK, VICTORIA WASTE RECEPTACLE, FROM "RECYCLE DESIGN" BY EAGLEBROOK PRODUCTS, INC., CEDAR COLOR WITH BROWN FRAME AND DOME LID. AVAILABLE THROUGH EXISTING STATE CONTRACT WITH CHURCHICH RECREATION.
- 6 REMOVABLE POSTS PER C.O.A. DETAIL 2250
- 7 20' UTILITY EASEMENT
- 8 PRESERVE AND PROTECT EXISTING 4' SIDEWALK
- 9 CONCRETE MOW STRIP PER C.O.A. DETAIL 2752
- 10 AREAS OUTSIDE LIMITS OF CONSTRUCTION TO REMAIN UNDISTURBED.
- 11 LSI, INC. BENCH MODEL #10083F, DIRECT BURY, RECYCLED POLYETHYLENE, WITH BROWN ARMS & LEGS, AND ARM IN MIDDLE OF BENCH
- 12 LSI, INC. PICNIC TABLE-MODEL #113139J, RECYCLED POLYETHYLENE, WITH BROWN ARMS & LEGS - DIRECT BURY CENTERED ON 8'x10' CONCRETE PAD
- 13 PERMANENT POSTS PER C.O.A. DETAIL 2253

GENERAL NOTES

- 1. LAYOUT AND VERIFY DIMENSIONS PRIOR TO CONSTRUCTION. BRING TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. NOTED DIMENSIONS FOR FIELD VERIFICATION ONLY. USE COORDINATE SCHEDULE FOR LAYOUT.
- 2. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALE. DO NOT SCALE DRAWINGS.
- 3. BASE SURVEY INFORMATION WAS PROVIDED BY OTHERS. IT IS ASSUMED TO BE CORRECT. REPORT ALL DISCREPANCIES TO CITY ENGINEER.
- 4. CONTRACTOR TO LOCATE ALL UNDERGROUND LINES PRIOR TO CONSTRUCTION.

COORDINATE SCHEDULE

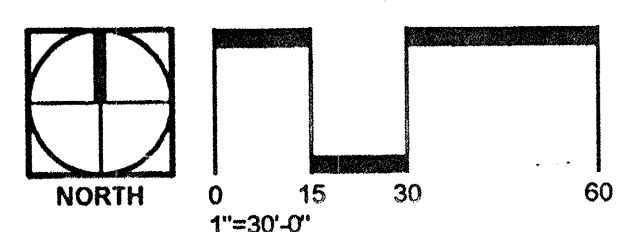
1 X=5583.31/Y=4809.62	22 X=5364.24/Y=4981.04/R=146'-2"
2 X=5561.46/Y=4809.92	23 X=5419.07/Y=4983.18/R=91'-4"
3 X=5507.71/Y=4848.85	24 X=5400.20/Y=4963.36/R=118'-11"
4 X=5500.60/Y=4904.04	25 X=5489.76/Y=5084.80/R=5'-0"
5 X=5501.39/Y=4951.52	26 X=5471.74/Y=5067.87/R=4'-0"
6 X=5510.04/Y=4991.32	27 X=5458.48/Y=5081.46/R=4'-0"
7 X=5488.80/Y=5042.17	28 X=5475.40/Y=5098.65/R=5'-0"
8 X=5464.19/Y=5063.19	29 X=5401.60/Y=5050.08/R=57'-6"
9 X=5454.09/Y=5073.59	30 X=5404.12/Y=5053.89/R=53'-1"
10 X=5423.33/Y=5103.33	31 X=5365.29/Y=5151.17/R=51'-8"
11 X=5384.45/Y=5103.15	32 X=5362.24/Y=5168.60/R=69'-4"
12 X=5368.88/Y=5099.59	33 X=5392.52/Y=5184.78/R=100'-10"
13 X=5316.89/Y=5116.17	34 X=5295.85/Y=5095.00/R=26'-11"
14 X=5313.04/Y=5122.56	35 X=5251.21/Y=5093.03/R=14'-10"
15 X=5302.27/Y=5121.12	36 X=5592.26/Y=6268.46/R=1458'-10"
16 X=5301.65/Y=5140.85	37 X=5303.36/Y=5126.58/R=2'-7"
17 X=5268.98/Y=5053.68	38 X=5198.39/Y=5076.85/R=39'-8"
18 X=5269.02/Y=5078.95	39 X=5180.18/Y=5056.95/R=12'-8"
19 X=5559.59/Y=4863.92/R=54'-0"	40 X=5159.86/Y=5029.51/R=15'-5"
20 X=5644.13/Y=4894.48/R=143'-10"	41 X=5163.16/Y=5018.07/R=22'-9"
21 X=5993.63/Y=4857.70/R=491'-2"	42 X=5203.05/Y=5021.21/R=10'-2"

COORD. PTS. TO CENTER OF MOW CURBS

43 X=5338.76/Y=5167.45	64 X=5546.41/Y=4980.42
44 X=5351.36/Y=5091.08/R=77'-5"	65 X=5491.80/Y=4960.24/R=61'-5"
45 X=5361.89/Y=5167.74	66 X=5552.77/Y=4967.89
46 X=5356.19/Y=5129.63/R=38'-7"	67 X=5488.11/Y=4960.54/R=65'-9"
47 X=5381.67/Y=5158.57	68 X=5553.05/Y=4958.24
48 X=5314.32/Y=5076.45/R=106'-2"	69 X=5455.99/Y=4961.09/R=97'-2"
49 X=5397.11/Y=5142.96	70 X=5551.96/Y=4946.22
50 X=5452.88/Y=5185.44/R=70'-1"	71 X=5726.33/Y=4913.88/R=177'-6"
51 X=5414.56/Y=5126.70	72 X=5549.21/Y=4924.75
52 X=5432.85/Y=5160.56/R=38'-5"	73 X=5611.98/Y=4921.82/R=62'-10"
53 X=5433.60/Y=5122.10	74 X=5551.82/Y=4983.70
54 X=5434.91/Y=5188.65/R=66'-6"	75 X=5675.04/Y=4940.37/R=128'-6"
55 X=5452.63/Y=5124.48	76 X=5559.72/Y=4883.53
56 X=5518.59/Y=5004.02	77 X=5932.93/Y=4892.45/R=1888'-11"
57 X=5560.77/Y=5047.01/R=45'-6"	78 X=5560.02/Y=4864.13
58 X=5516.38/Y=5044.23	79 X=5481.09/Y=4823.26/R=96'-11"
59 X=5554.54/Y=5047.41/R=39'-3"	80 X=5575.87/Y=4843.72
60 X=5522.60/Y=5024.52	81 X=5440.60/Y=4818.82/R=137'-6"
61 X=5840.68/Y=5231.92/R=379'-8"	82 X=5578.10/Y=4822.26
62 X=5534.87/Y=5066.83	83 X=4890.75/Y=4788.52/R=587'-10"
63 X=5419.60/Y=4921.76/R=143'-3"	84 X=5578.41/Y=4812.67
85 X=5462.54/Y=4731.81	90 X=5203.55/Y=5664.02
86 X=5462.54/Y=4760.09	91 X=5203.55/Y=4986.73
87 X=5402.54/Y=5045.64	92 X=5282.46/Y=4986.69
88 X=5424.65/Y=5078.43	93 X=5282.42/Y=4980.20
89 X=5217.98/Y=5678.46	94 X=5462.54/Y=4768.09
	95 X=5312.13/Y=4837.83, R=23'-0"

SYMBOLS LEGEND

- EXISTING WALK
- PROPOSED WALK
- 6" THICK CONCRETE
- LIMITS OF PHASE II



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CITY OF ALBUQUERQUE  
PARKS AND RECREATION DEPARTMENT

TITLE: PARKWAY PARK PHASE II LAYOUT PLAN

DATE: July 20, 2001

Design/Review Committee	City Engineer Approval	NO. / DAY / YR.	NO. / DAY / YR.
APPROVED	APPROVED	07/19/01	
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No. 662891	Zone Map No. J-9-Z	Sheet 2	Of 9

Seal of the City of Albuquerque  
Hutton Sykes

SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
NO.	DATE	NO.	DATE	NO.	DATE
1	09/07/00	1	09/07/00	1	09/07/00
2		2		2	
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CITY OF ALBUQUERQUE			
PARKS AND RECREATION DEPARTMENT			
TITLE: <i>PARKWAY PARK PHASE II</i>		DATE	
<i>LAYOUT PLAN</i>		March 7, 2003	
Design Review Committee	City Engineer Approval	Last Design Update	MO./DAY/YR
			07/19/01
			08/09/01
City Project No.	Zone Map No.	Sheet	Of
			662891
			J-9-Z
			2
			9







File Path: E:\JMA\2001\990951  
File Name: 990951DCT.DWG  
Plot Date: 07-17-2001  
Plot Time: 1:43 pm

DRAINAGE PLAN

I. EXECUTIVE SUMMARY AND INTRODUCTION:

PARKWAY PARK IS LOCATED ON THE NORTHWEST MESA AT THE INTERSECTION OF PARKLAND VIEW DRIVE NW AND TESSA DRIVE NW WITHIN THE PARKLAND VIEW SUBDIVISION. THE SITE IS PARTIALLY DEVELOPED AS AN EXISTING CITY PARK, WITH ASSOCIATED PAVED DRIVING, SAND PLAY AREAS, CONCRETE SIDEWALKS, AND LANDSCAPING IMPROVEMENTS CONSTRUCTED IN 2000 AS PART OF PHASE I. THE PROPOSED PHASE II IMPROVEMENTS CONSIST OF MORE CONCRETE SIDEWALKS, LANDSCAPING IMPROVEMENTS, AND A JOINT-USE PLAYFIELD TO BE CONSTRUCTED PARTIALLY ON APS PROPERTY TO THE SOUTH. THE SITE CURRENTLY DRAINS FROM EAST TO WEST ONTO TESSA DRIVE NW. THE PROPOSED DEVELOPMENT ON THIS SITE IS IN A MANNER CONSISTENT WITH A PREVIOUSLY APPROVED MASTER DRAINAGE PLAN, CONCEPTUAL GRADING AND DRAINAGE PLAN, AND PHASE I GRADING AND DRAINAGE PLAN. ALL OF THE AFOREMENTIONED PLANS SUPPORT THE FREE DISCHARGE OF DEVELOPED PUBLIC PARK RUNOFF FROM THIS SITE TO TESSA DRIVE NW. OFFSITE FLOWS DO NOT IMPACT THIS PROJECT. A DRAINAGE INFORMATION SHEET IS INCLUDED WITH THIS SUBMITTAL. THERE ARE NO NEW DRAINAGE IMPROVEMENTS, EASEMENTS, COVENANTS, OR VARIANCES REQUIRES FOR THIS PROJECT. THIS SUBMITTAL IS FOR WORK ORDER APPROVAL.

II. PROJECT DESCRIPTION:

AS SHOWN BY THE VICINITY MAP, THE SITE IS LOCATED IN THE PARKLAND VIEW SUBDIVISION IN THE NORTHWEST PART OF ALBUQUERQUE. THE SITE IS BOUNDED ON THE NORTHEAST BY TESSA DRIVE NW, AND ON THE NORTHWEST BY PARKLAND VIEW DRIVE NW. PAINTED SKY ELEMENTARY SCHOOL LIES TO THE SOUTH. THE AFOREMENTIONED PUBLIC STREETS ARE FULLY DEVELOPED WITH CURB AND GUTTER AND THEREFORE PREVENT OFFSITE FLOWS FROM ENTERING THE SITE. THE ELEMENTARY SCHOOL LIES TOPOGRAPHICALLY LOWER THAN THE SITE. HENCE DOES NOT CONTRIBUTE OFFSITE FLOWS. THE LEGAL DESCRIPTION OF THE PARK SITE IS PARK, TRACT D, PARKLAND VIEW SUBDIVISION.

AS SHOWN BY PANEL 326 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS FOR BERNAUILLO COUNTY, NEW MEXICO, AND INCORPORATED AREAS, DATED SEPTEMBER 20, 1996, THIS SITE DOES NOT LIE WITHIN A DESIGNATED FLOOD HAZARD ZONE.

III. BACKGROUND DOCUMENTS:

THE FOLLOWING IS A LIST OF PREVIOUSLY APPROVED GRADING AND DRAINAGE PLANS AND REPORTS RELATIVE TO THIS SITE AND/OR REFERENCED WITHIN THIS DRAINAGE PLAN. THIS LIST MAY NOT BE INCLUSIVE, HOWEVER, REPRESENTS A SUMMARY OF THOSE PLANS WHICH ARE KNOWN TO THIS PREPARER.

- A. DRAINAGE REPORT FOR PARKWAY UNITS 8 AND 9 SUBDIVISION PREPARED BY COMMUNITY SCIENCES CORPORATION, ENGINEER'S STAMP 07/25/95 (J9/D1A4). THIS MASTER DRAINAGE PLAN IDENTIFIED THIS FUTURE PARK SITE AND MADE PROVISIONS FOR FREE DISCHARGE FROM THIS SITE DIRECTLY TO TESSA DRIVE NW UP TO A MAXIMUM DISCHARGE OF 6.9 CFS.
- B. CONCEPTUAL GRADING AND DRAINAGE PLAN FOR PARKWAY PARK PREPARED BY JEFF MORTENSEN & ASSOCIATES (JMA) DATED FEBRUARY 26, 1998 (J9/D13). THIS CONCEPTUAL GRADING AND DRAINAGE PLAN WAS PREPARED IN ANTICIPATION OF THE PROPOSED DEVELOPMENT AT THE SITE AND WAS APPROVED IN CONCEPT BY THE CITY OF ALBUQUERQUE. THE DEVELOPMENT OF PHASE I AND THE PHASE II DEVELOPMENT PROPOSED HEREIN ARE CONSISTENT WITH THIS PREVIOUSLY APPROVED CONCEPTUAL PLAN WHICH ALSO JUSTIFIED FREE DISCHARGE OF DEVELOPED RUNOFF FROM THIS SITE TO TESSA DRIVE NW UP TO A PEAK RATE OF 6.9 CFS.
- C. GRADING AND DRAINAGE PLAN FOR PARKWAY PARK PREPARED BY JEFF MORTENSEN & ASSOCIATES DATED FEBRUARY 16, 2000 (J9/D13). THIS GRADING AND DRAINAGE PLAN WAS PREPARED TO SUPPORT THE PHASE I CONSTRUCTION AND ALSO JUSTIFIED THE FREE DISCHARGE OF DEVELOPED RUNOFF FROM THIS SITE TO TESSA DRIVE NW UP TO A PEAK RATE OF 6.9 CFS.
- D. PORTABLE CLASSROOM GRADING PLAN FOR PAINTED SKY ELEMENTARY SCHOOL PREPARED BY JEFF MORTENSEN & ASSOCIATES DATED JUNE 6, 2001. THIS GRADING PLAN WAS PREPARED FOR APS TO DEMONSTRATE COMPATIBILITY BETWEEN THE PROPOSED PHASE II PARK IMPROVEMENTS AND THE PROPOSED APS EXPANSION TO THE EXISTING PORTABLE CLASSROOM AREA. THE GRADING FOR THE PROPOSED CLASSROOM IMPROVEMENTS SHOWN ON THE GRADING PLAN TO DEMONSTRATES CONTINUITY BETWEEN THE TWO PROJECTS.

IV. EXISTING CONDITIONS:

AT PRESENT, THE SITE IS PARTIALLY DEVELOPED. AS DEMONSTRATED IN THE PREVIOUSLY APPROVED PHASE I DRAINAGE PLANS, THE SITE IS NOT IMPACTED BY OFFSITE FLOWS. THE SITE IS SURROUNDED BY FULLY DEVELOPED PUBLIC STREETS TO THE NORTHEAST AND NORTHWEST WHICH PREVENT OFFSITE FLOWS FROM ENTERING THE SITE. THE SITE IS BOUNDED BY PAINTED SKY ELEMENTARY SCHOOL WHICH LIES TO THE SOUTH AND IS TOPOGRAPHICALLY LOWER, AND INCAPABLE OF GENERATING OFFSITE FLOWS. THE SITE DRAINS FROM EAST TO WEST AND ONTO TESSA DRIVE NW. FLOWS WITHIN TESSA DRIVE NW ARE CONVEYED BY THE STREET TO THE SOUTHEAST TO GAVIN ROAD NW. FROM THERE, FLOWS TRAVEL TO THE EAST IN A PAVED DRAINAGE CHANNEL WHICH DRAINS TO A TEMPORARY RETENTION POND. AS DEMONSTRATED BY THE PREVIOUSLY REFERENCED DRAINAGE REPORT BY COMMUNITY SCIENCES, THIS RETENTION POND WAS SIZED FOR FREE DISCHARGE OF FULLY DEVELOPED RUNOFF FROM THIS PARK. THIS POND IS MAINTAINED BY THE WESTLAND DEVELOPMENT COMPANY, INC. THROUGH AN AGREEMENT AND COVENANT RECORDED DECEMBER 19, 1995, BOOK 95180 PAGES 8047-8052, DOCUMENT NO. 95120521. THIS AGREEMENT AND COVENANT WAS AMENDED ON AUGUST 01, 1996. THIS AMENDMENT WAS RECORDED IN BOOK 96-21 PAGES 2820-2822, DOCUMENT NO. 96085963. THIS AGREEMENT AND COVENANT STIPULATES THE CONDITIONS WHEREBY THE WESTLAND DEVELOPMENT COMPANY HAVE AN AGREEMENT WITH THE CITY OF ALBUQUERQUE TO MAINTAIN THE TEMPORARY RETENTION POND. WESTLAND DEVELOPMENT COMPANY IS ALSO REQUIRED TO CONSTRUCT, AT THEIR SOLE EXPENSE, A PERMANENT DRAINAGE OUTFALL WHICH WILL CONNECT THIS FACILITY TO THE FUTURE 1-40 INTERCEPTOR. THE RETENTION POND WAS SIZED FOR FREE DISCHARGE OF DEVELOPED RUNOFF FROM THIS SITE. WESTLAND DEVELOPMENT COMPANY IS RESPONSIBLE FOR THE MAINTENANCE OF THIS POND AND THE CONSTRUCTION OF THE PERMANENT DRAINAGE IMPROVEMENTS.

V. DEVELOPED CONDITIONS:

AS DESCRIBED ABOVE, THIS PROJECT CONSISTS OF THE CONSTRUCTION OF NEW CONCRETE SIDEWALKS, LANDSCAPING IMPROVEMENTS, AND A PLAYFIELD. A PORTION OF THE PROJECT LIES WITHIN APS PROPERTY, AND IS BEING CONSTRUCTED BY THE CITY AS A JOINT USE FACILITY UNDER A JOINT POWERS AGREEMENT WHICH ALLOWS THE CITY TO CONSTRUCT, OPERATE, AND MAINTAIN PARK IMPROVEMENTS ON APS PROPERTY. THE PROPOSED CONSTRUCTION WILL HONOR EXISTING DRAINAGE PATTERNS BY DIRECTING ALL DEVELOPED RUNOFF TO THE EAST TO TESSA DRIVE NW. AS DESCRIBED IN THE EXISTING CONDITIONS SECTION ABOVE, DOWNSIDE TEMPORARY DRAINAGE FACILITIES ARE SIZED FOR FREE DISCHARGE OF FULLY DEVELOPED RUNOFF FROM THE SITE. THE WESTLAND DEVELOPMENT COMPANY IS RESPONSIBLE FOR MAINTENANCE OF THIS TEMPORARY RETENTION POND AND FOR THE CONSTRUCTION OF THE ULTIMATE IMPROVEMENTS. THERE IS NO OFFSITE INFRASTRUCTURE REQUIRED FOR THIS PROJECT. DEVELOPED FLOWS WILL SHEET DRAIN ACROSS THE LANDSCAPING IMPROVEMENTS, THEREBY MITIGATING THE POTENTIAL EFFECTS OF EROSION DUE TO DEVELOPMENT.

FOR ANALYSIS PURPOSES, THE SITE HAS BEEN DIVIDED INTO TWO DRAINAGE BASINS. AS PREVIOUSLY INDICATED, OFFSITE FLOWS DO NOT IMPACT THIS PROJECT. THE PARK BASIN INCLUDES THE AREA WITHIN THE PLATTED LIMITS OF THE CITY PARK TRACT. THE APS BASIN INCLUDES THE AREA OF THE JOINT-USE PLAYFIELD WHICH LIES ON APS PROPERTY, BEYOND THE PLATTED LIMITS OF THE CITY PARK. ALTHOUGH THERE IS NO PHYSICAL DRAINAGE BOUNDARY, THESE AREAS ARE ANALYZED SEPARATELY BECAUSE THE SCHOOL SITE AND THE PARK SITE HAVE DIFFERENT ALLOWABLE DISCHARGES ESTABLISHED BY THE MASTER DRAINAGE PLAN. AS PREVIOUSLY INDICATED, THE PARK SITE HAS AN ALLOWABLE DISCHARGE OF 6.9 CFS. THE MASTER DRAINAGE PLAN IDENTIFIES THAT THE ALLOWABLE DISCHARGE FROM THE ENTIRE SCHOOL SITE IS 40.6 CFS FOR A 12.22 ACRE SITE, AMOUNTING TO 3.32 CFS/ACRE.

V. DEVELOPED CONDITIONS: (CONTINUED)

NO CONCENTRATED FLOWS WILL LEAVE THE SITE. THE PROPOSED IMPROVEMENTS WILL RESULT IN A DRAINAGE PATTERN CONSISTENT WITH THAT ESTABLISHED BY THE PREVIOUSLY REFERENCED MASTER DRAINAGE PLAN AND CONCEPTUAL GRADING AND DRAINAGE PLAN. DEVELOPED RUNOFF WILL DISCHARGE AT THE ALLOWABLE RATE TO TESSA DRIVE NW. EXISTING DOWNSTREAM DRAINAGE FACILITIES ARE IN PLACE WHICH ARE SIZED FOR THIS DISCHARGE.

VI. GRADING PLAN:

A GRADING PLAN HAS BEEN PREPARED IN SUPPORT OF THIS DRAINAGE SUBMITTAL. THE GRADING PLAN SHOWS: 1) EXISTING PHASE I GRADES FOR THE PARK SITE INDICATED BY CONTOURS AT 1' 0" INTERVALS TAKEN FROM THE JMA GRADING PLAN (REFERENCE B), 2) EXISTING GRADES FOR THE UNDEVELOPED PORTION OF THE PARK SITE INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1' 0" INTERVALS OBTAINED FROM A SURVEY PREPARED BY JMA DATED NOVEMBER 16, 1999, 3) EXISTING GRADES FOR THE APS BASIN AS INDICATED BY CONTOURS AT 1' 0" INTERVALS TAKEN FROM A SURVEY PREPARED BY THE CITY OF ALBUQUERQUE DATED SEPTEMBER 7, 2000, 4) EXISTING GRADES FOR THE PORTABLE CLASSROOM AREA AS INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1' 0" INTERVALS OBTAINED FROM A SURVEY PREPARED BY JMA DATED JANUARY, 2001, 5) PROPOSED APS PORTABLE CLASSROOM GRADES TAKEN FROM THE GRADING PLAN PREPARED BY JMA FOR APS DATED 06/06/2001, 6) PROPOSED GRADES INDICATED BY SPOT ELEVATIONS AND CONTOURS AT 1' 0" INTERVALS, 7) THE LIMIT AND CHARACTER OF THE EXISTING IMPROVEMENTS, 8) THE LIMIT AND CHARACTER OF THE PROPOSED IMPROVEMENTS, AND 8) CONTINUITY BETWEEN EXISTING AND PROPOSED GRADES.

VII. CALCULATIONS:

THE CALCULATIONS, WHICH APPEAR HEREON, ANALYZE BOTH THE EXISTING AND DEVELOPED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PROCEDURE FOR 40-ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY, 1993, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE AND VOLUME OF RUNOFF GENERATED. AS SHOWN BY THE PARK BASIN CALCULATIONS, THERE WILL BE AN INCREASE IN THE PEAK RATE AND VOLUME OF DISCHARGE WHICH WILL RESULT IN A TOTAL DISCHARGE FROM THE SITE OF 6.9 CFS WHICH IS THE AMOUNT ALLOWED BY THE MASTER DRAINAGE PLAN. AS SHOWN BY THE APS BASIN CALCULATIONS, THE PROPOSED CONSTRUCTION ON APS PROPERTY WILL RESULT IN A DECREASE IN THE PEAK RATE AND VOLUME OF DISCHARGE FOR THAT AREA WHICH WILL RESULT IN A DISCHARGE OF 2.1 CFS/ACRE WHICH IS LESS THAN THE 3.3 CFS/ACRE ALLOWED FOR THE SCHOOL SITE.

VIII. CONCLUSION:

FREE DISCHARGE OF FULLY DEVELOPED RUNOFF FROM THIS SITE AS PROPOSED HEREIN IS APPROPRIATE BECAUSE THE CONCEPT IS CONSISTENT WITH THAT ESTABLISHED BY THE PREVIOUSLY REFERENCED MASTER DRAINAGE PLAN, CONCEPTUAL GRADING AND DRAINAGE PLAN, AND PHASE I GRADING AND DRAINAGE PLAN, AND BECAUSE THERE ARE EXISTING DOWNSTREAM DRAINAGE FACILITIES WHICH ARE IN PLACE AND SIZED FOR THIS DISCHARGE. THERE ARE NO VARIANCES, EASEMENTS OR INFRASTRUCTURE IMPROVEMENTS REQUIRED BY THIS PROJECT. ALL PROPOSED IMPROVEMENTS WILL BE OWNED, OPERATED, AND MAINTAINED BY THE CITY OF ALBUQUERQUE PARKS AND GENERAL SERVICES, PARKS MANAGEMENT DIVISION.

CALCULATIONS

SITE CHARACTERISTICS

I. PRECIPITATION ZONE = 1

II.  $P_{6,100} = P_{360} = 2.20$  IN.

III. TOTAL AREA ( $A_T$ ) = 197,530 SF; 4.53 AC

IV. EXISTING LAND TREATMENT

A. PARK BASIN

TREATMENT	AREA (SF/AC)	%
A	38,450/0.88	31
B	56,230/1.29	46
C	8,720/0.20	07
D	18,880/0.43	15

B. APS BASIN

TREATMENT	AREA (SF/AC)	%
C	68,950/1.58	100

V. DEVELOPED LAND TREATMENT

A. PARK BASIN

TREATMENT	AREA (SF/AC)	%
B	99,850/2.21	82
D	22,430/0.51	18

B. APS BASIN

TREATMENT	AREA (SF/AC)	%
B	67,460/1.55	98
D	1,490/0.03	02

VI. EXISTING CONDITION

A. PARK BASIN

1. VOLUME

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = [(0.44)(0.88) + (0.67)(1.29) + (0.99)(0.20) + (1.97)(0.43)] / 2.80 = 0.82 \text{ IN.}$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (0.82 / 12) 122,280 = 8,360 \text{ CF}$$

2. PEAK DISCHARGE

$$Q_P = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_P = Q_{100} = (1.29)(0.88) + (2.03)(1.29) + (2.87)(0.20) + (4.37)(0.43) = 6.2 \text{ CFS}$$

B. APS BASIN

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

1. VOLUME

$$E_W = [(0.99)(1.58)] / 1.58 = 0.99 \text{ IN.}$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (0.99 / 12) 68,950 = 5,690 \text{ CF}$$

2. PEAK DISCHARGE

$$Q_P = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_P = Q_{100} = (2.87)(1.55) = 4.4 \text{ CFS}$$

VII. DEVELOPED CONDITION

A. PARK BASIN

1. VOLUME

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = [(0.67)(2.29) + (1.97)(0.51)] / 2.80 = 0.91 \text{ IN.}$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (0.91 / 12) 122,280 = 9,270 \text{ CF}$$

2. PEAK DISCHARGE

$$Q_P = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_P = Q_{100} = (2.03)(2.29) + (4.37)(0.51) = 6.9 \text{ CFS}$$

B. APS BASIN

1. VOLUME

$$E_W = (E_A A_A + E_B A_B + E_C A_C + E_D A_D) / A_T$$

$$E_W = [(0.67)(1.55) + (1.97)(0.03)] / 1.58 = 0.69 \text{ IN.}$$

$$V_{100} = (E_W / 12) A_T$$

$$V_{100} = (0.69 / 12) 68,950 = 3,960 \text{ CF}$$

2. PEAK DISCHARGE

$$Q_P = Q_{PA} A_A + Q_{PB} A_B + Q_{PC} A_C + Q_{PD} A_D$$

$$Q_P = Q_{100} = (2.03)(1.55) + (4.37)(0.03) = 3.3 \text{ CFS} = 2.1 \text{ CFS/ACRE}$$

VII. COMPARISON

A. PARK BASIN

1. DEVELOPED VS. EXISTING

$$\Delta V_{100} = 9,270 - 8,360 = 910 \text{ CF (INCREASE)}$$

$$\Delta Q_{100} = 6.9 - 6.2 = 0.7 \text{ CFS (INCREASE)}$$

2. PROPOSED VS. ALLOWABLE (ALLOWABLE = 6.9 CFS)

$$\Delta Q_{100} = 6.9 - 6.9 = 0.0 \text{ CFS (NO DIFFERENCE)}$$

B. APS BASIN

1. DEVELOPED VS. EXISTING

$$\Delta V_{100} = 5,690 - 3,960 = 1,730 \text{ CF (DECREASE)}$$

$$\Delta Q_{100} = 4.4 - 3.3 = 1.1 \text{ CFS (DECREASE)}$$

2. DEVELOPED VS. ALLOWABLE (ALLOWABLE = 3.3 CFS/ACRE)

$$\Delta Q_{100} = 3.3 \text{ CFS/ACRE} - 2.1 \text{ CFS/ACRE} = 1.2 \text{ CFS/ACRE DIFFERENCE (LESS THAN ALLOWABLE)}$$

CONSTRUCTION NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM 260-1990 (ALBUQUERQUE AREA), 1-800-321-ALERT(2537) (STATEWIDE), FOR LOCATION OF EXISTING UTILITIES.

2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.

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

4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND 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, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

6. THE DESIGN OF PLANTERS AND LANDSCAPED AREAS IS NOT PART OF THIS PLAN. ALL PLANTERS AND LANDSCAPED AREAS ADJACENT TO THE BUILDING(S) SHALL BE PROVIDED WITH POSITIVE DRAINAGE TO AVOID ANY PONDING ADJACENT TO THE STRUCTURE. FOR CONSTRUCTION DETAILS, REFER TO LANDSCAPING PLAN.

EROSION CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.

2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.

3. THE CONTRACTOR SHALL SECURE TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING CONSTRUCTION.

FOR INFORMATION ONLY

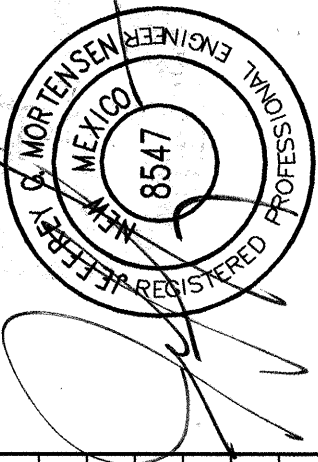
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JEFF MORTENSEN & ASSOCIATES, INC.  
6010-B MIDWAY PARK BLVD. N.E.  
ALBUQUERQUE, NM 87109  
ENGINEERS & SURVEYORS (SOS) 345-4250  
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07-17-2001

REMARKS	NO.	DATE	BY
Revisions			
DESIGN			
Designed By		Date	05-2001
Drawn By		Date	06-2001
Checked By		Date	07-2001

CITY OF ALBUQUERQUE  
PARKS AND GENERAL SERVICES  
DESIGN & DEVELOPMENT DIVISION

TITLE: PARKWAY PARK - PHASE II  
DRAINAGE PLAN AND CALCULATIONS

Design	Review	Committee	City Engineer	Approval	Update	City Project No.	Zone	Map No.	Sheet	Of
APPROVE	APPROVE	APPROVE	APPROVE	APPROVE	APPROVE	6628.91	J-9		4	9
DESIGN REVIEW COMMITTEE			CITY ENGINEER							





# PIPE SIZING CHART

Use the following chart to size schedule 40 PVC lateral pipes. Size to be based on the Maximum flow through the section of pipe.

PIPE SIZE	FLOW RATE RANGE
1"	0 to 12 GPM
1 1/4"	13 to 21 GPM
1 1/2"	22 to 30 GPM
2"	31 to 50 GPM
2 1/2"	51 to 70 GPM

**NOTE:**

PRIOR TO THE COMMENCEMENT OF THE WORK, THE CONTRACTOR IS TO REVIEW THE PIPE SIZES SPECIFIED PER THE PLAN AND THE PIPE SIZES BASED ON THE SCHEDULE ABOVE. IN THE EVENT OF INCONSISTENCIES, THE CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT IMMEDIATELY, AND INSTALL THE PIPE IN THE LARGER OF THE TWO SIZES, UNLESS AUTHORIZED BY THE LANDSCAPE ARCHITECT TO DO OTHERWISE.

### VALVE SCHEDULE

A12	A13	A14	A15	A16	A17
1.25"	2"	1.25"	2"	2"	2"
12.6	36.0	20.7	43.0	37.8	33.6
A18	A19	A20	A21	A22	
2"	2"	2"	2"	1.25"	
33.60	33.60	37.80	33.60	8.28	
			A23	A24	A25
			1"	2"	1.25"
			20.7	12.6	83.0
			A26	A27	A28
			1.25"	2"	1"
			16.0	20.7	89.0
			A29	A30	
			1"	1.5"	
			10.8	26.1	

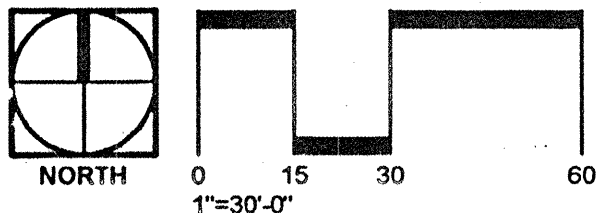
EXISTING WALK

LIMITS OF PHASE II

PROPOSED WALK

UTILITY EASEMENT

MOW CURB W/ CHAIN LINK FENCE



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# CITY OF ALBUQUERQUE

## PARKS AND RECREATION DEPARTMENT

**TITLE:** *PARKWAY PARK PHASE II*  
*IRRIGATION PLAN*

**DATE**  
*JULY20,2001*

**Design Review Committee**

**APPROVED**

*AUG - 6 - 2001*

REVIEWED BY: \_\_\_\_\_

**City Engineer Approval**

**APPROVED**

*AUG - 8 - 2001*

CITY ENGINEER

**Last Design Update**

NO./DAY/YR.	NO./DAY/YR.
07/19/01	

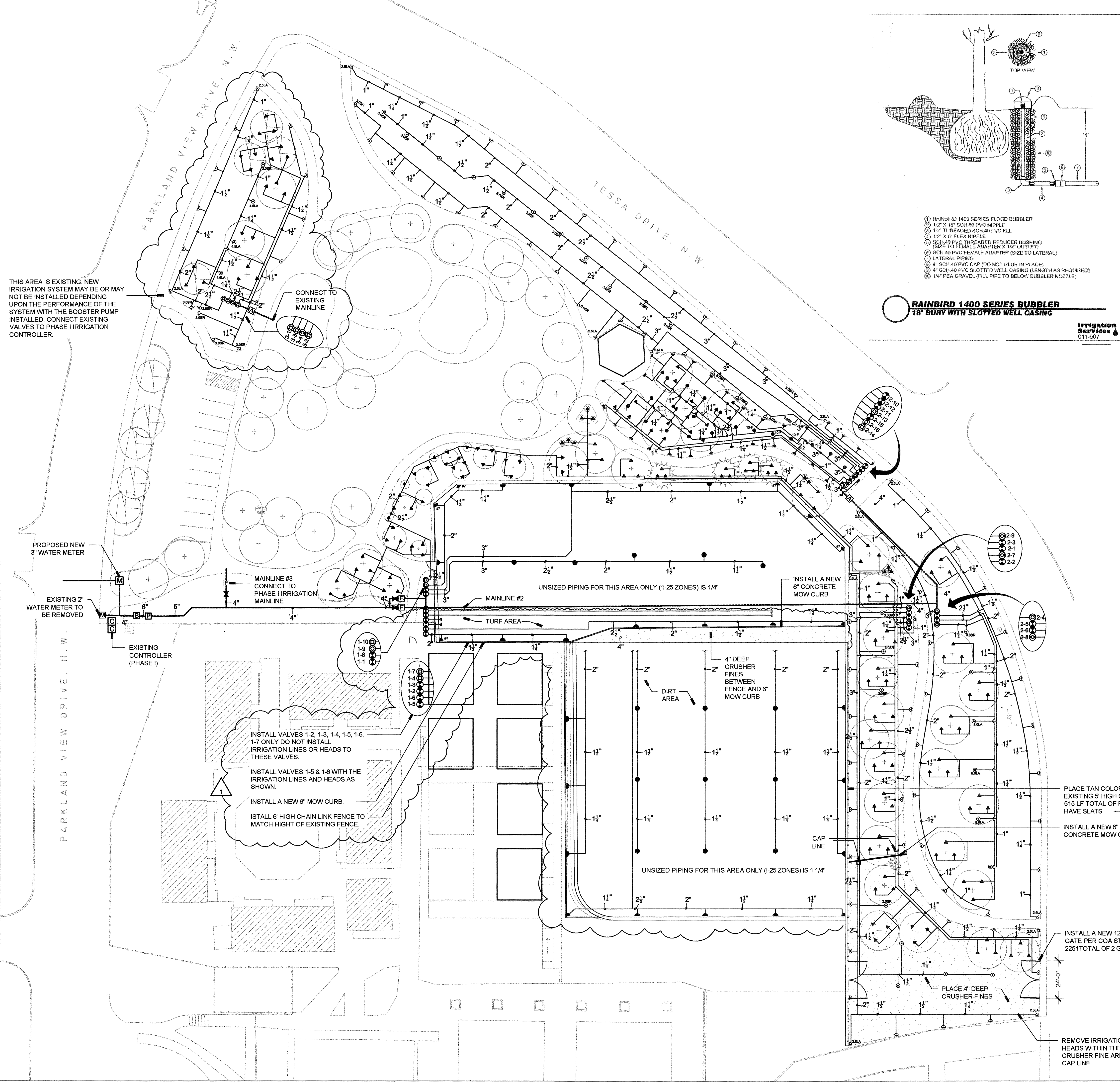
**City Project No.**  
*662891*

**Zone**  
*Map No.*

**Sheet**  
*5*

**Of**  
*9*





### IRRIGATION LEGEND

- HUNTER #1-25-36V-10 I-25 SERIES FULL CIRCLE ROTARY SPRINKLER WITH CHECK VALVE AND #10 STANDARD NOZZLE (12.0 GPM, 40'-54" RADIUS @ 60 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- HUNTER #1-25-ADV-10 I-25 SERIES PART CIRCLE ROTARY SPRINKLER WITH CHECK VALVE AND #10 STANDARD NOZZLE (12.0 GPM, 40'-54" RADIUS @ 60 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- ▲ HUNTER #1-25-ADV-7 I-25 SERIES PART CIRCLE ROTARY SPRINKLER WITH CHECK VALVE AND #7 STANDARD NOZZLE (7.0 GPM, 35'-47" RADIUS @ 60 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- ⊙ HUNTER #1-20-36V-4.5LA I-20 ULTRA SERIES FULL CIRCLE ROTARY SPRINKLER WITH CHECK VALVE AND #4.5LA LOW ANGLE NOZZLE (4.4 GPM, 28'-37" RADIUS @ 50 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- HUNTER #1-20-ADV-4.5LA I-20 ULTRA SERIES PART CIRCLE ROTARY SPRINKLER WITH CHECK VALVE AND #4.5LA LOW ANGLE NOZZLE (4.4 GPM, 28'-37" RADIUS @ 50 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- ▲ HUNTER #PGM-04-A-V-1.0 PGM SERIES PART CIRCLE ROTARY SPRINKLER WITH CHECK VALVE AND #1.0 STANDARD ANGLE NOZZLE (1.1 GPM, 18'-21" RADIUS @ 50 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- RAINBIRD #1804-SAM-PRS-15F 4" FIXED SPRAY POP-UP SPRINKLER HEAD WITH FULL CIRCLE, MATCHED PRECIPITATION RATE NOZZLE (3.7 GPM - 15' RADIUS @ 30 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- ▲ RAINBIRD #1804-SAM-PRS-15H 4" FIXED SPRAY POP-UP SPRINKLER HEAD WITH HALF CIRCLE, MATCHED PRECIPITATION RATE NOZZLE (1.85 GPM - 15' RADIUS @ 30 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- RAINBIRD #1804-SAM-PRS-15Q 4" FIXED SPRAY POP-UP SPRINKLER HEAD WITH QUARTER CIRCLE, MATCHED PRECIPITATION RATE NOZZLE (.92 GPM - 15' RADIUS @ 30 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- RAINBIRD #1804-SAM-PRS-15VAN 4" FIXED SPRAY POP-UP SPRINKLER HEAD WITH VARIABLE ARC NOZZLE (2.78 GPM @ 270 DEGREES - 15' RADIUS @ 30 PSI) NOTE: A DIFFERENT NOZZLE SIZE MAY BE INDICATED ON PLAN
- ▲ RAINBIRD #1402 1400 SERIES FLOOD BUBBLER ASSEMBLY (.5 GPM @ 20-90 PSI)
- ⊕ RAINBIRD #200-PEB-PRS-D 2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND PRESSURE REGULATION MODULE
- ⊕ RAINBIRD #150-PEB-PRS-D 1 1/2" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND PRESSURE REGULATION MODULE
- ⊕ RAINBIRD #100-PEB-PRS-D 1" PLASTIC ELECTRIC VALVE WITH FLOW CONTROL AND PRESSURE REGULATION MODULE
- MAINLINE ISOLATION - SCH. 80 PVC BALL VALVE
- Ⓐ CRISPIN #UL10.1 1" UNIVERSAL AIR RELEASE VALVE ASSEMBLY
- Ⓐ FEBCO #825YD-4" 4" REDUCED PRESSURE BACKFLOW ASSEMBLY IN HOT BOX #HB4N FREEZE PROTECTION ENCLOSURE WITH POSITIVE HEAT SOURCE
- Ⓐ ARAD #BM SERIES 3" SOLENOID SHUTOFF MASTER VALVE WITH FLOW METER (174 GPM CONTINUOUS DUTY - 14.3 PSI LOSS @ MAX FLOW)
- Ⓐ FLOWTRONEX #FBW-W-350-90-20-12-3-208-PR-B-AL IRRIGATION BOOSTER PUMP (90 PSI DISCHARGE @ 350 GPM)
- Ⓐ CITY WATER METER
- Ⓐ MOTOROLA SCORPIO #IS-S4A-RW-SS-J IRRIGATION CONTROLLER TO BE INSTALLED IN EXISTING STEEL PEDESTAL WITH 24 VOLT SURGE PROTECTION, STATION SWITCHES AND REMOTE READY WITH C.O.A. COMMUNICATION RADIO (32 STATION OUTPUT)
- x-x VALVE IDENTIFICATION NUMBER (MAINLINE NUMBER FOLLOWED BY STATION NUMBER)
- MAINLINE PIPING - 4" OR 6" CLASS 200 PVC GASKET END (SIZE INDICATED ON PLAN)
- LATERAL PIPING - SCH.40 PVC SOLVENT WELD, SIZE INDICATED ON PLAN, UNLESS NOTED OTHERWISE, UNSIZED PIPE SHALL BE 1". UNSIZED PIPE BETWEEN SIZED SECTIONS SHALL BE THE SAME SIZE AS THE SIZED SECTIONS.
- RADIUS ADJUSTMENT AND COVERAGE.

### IRRIGATION NOTES

THIS IRRIGATION SYSTEM IS DESIGNED TO APPLY .5" OF WATER WITHIN AN 8 HOUR WATER WINDOW.

INSTALL ALL SYSTEM COMPONENTS ACCORDING TO STANDARD CITY OF ALBUQUERQUE SPECIFICATIONS AND DETAIL DRAWINGS.

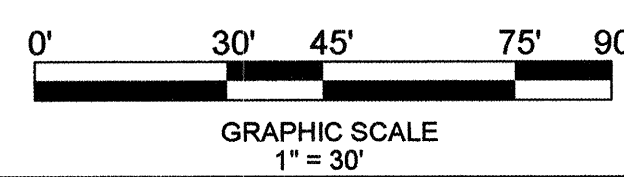
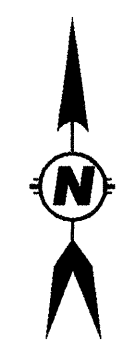
INSTALL SLEEVE PIPE 2 SIZE LARGER THAN PIPE TO BE SLEEVED WHERE EVER IRRIGATION PIPING CROSSES UNDER CONCRETE PAVING.

INSTALL TREES IN TURF AREAS SO THAT THE DISRUPTION OF THE SPRAY PATTERN OF THE SPRINKLERS IS MINIMAL.

FOR INFORMATION ONLY

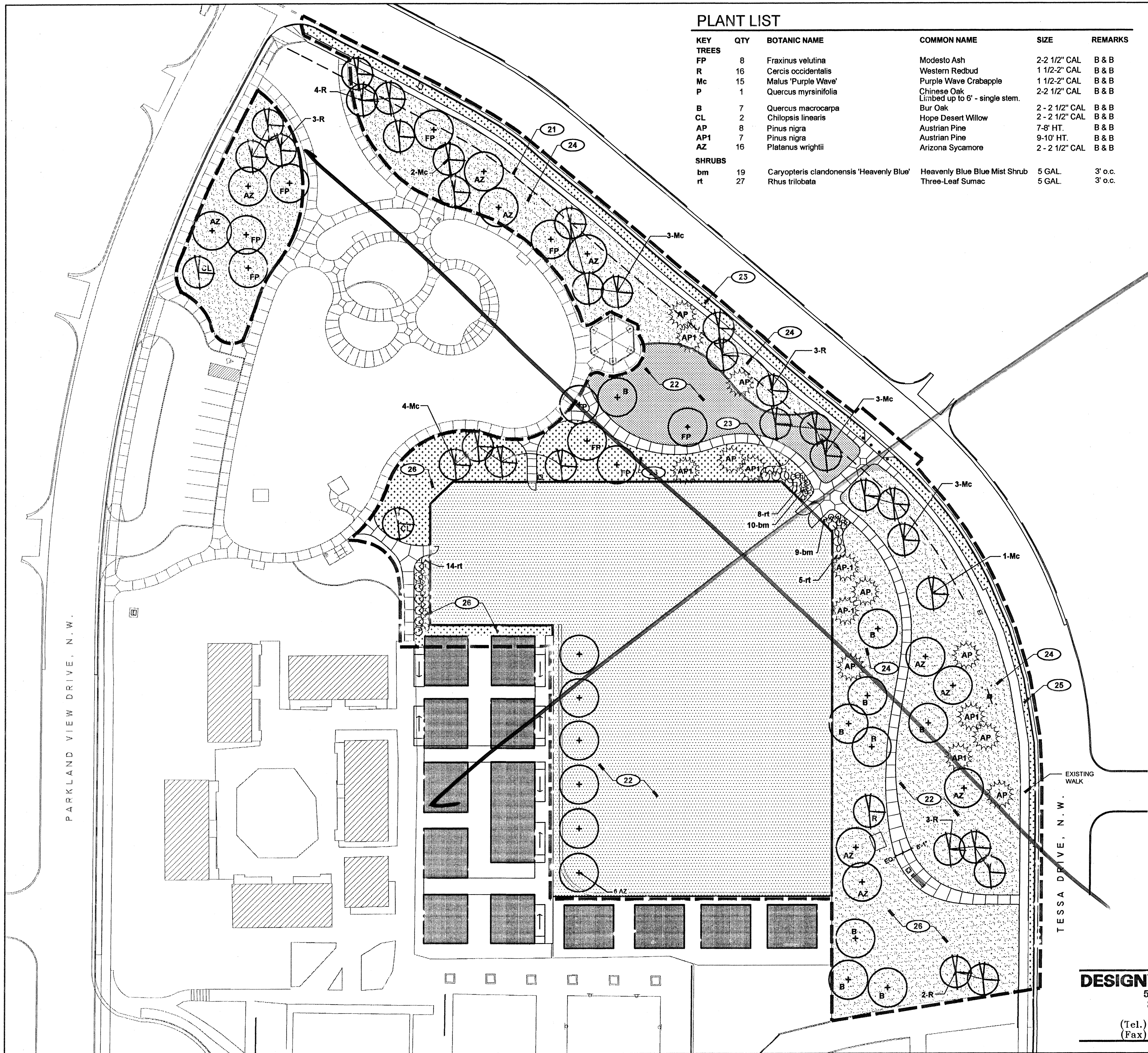
**Irrigation Services**  
IRRIGATION DESIGNERS & CONSULTANTS

2180 HWY 304 BELLEN, NM 87002  
PHONE: (505) 861-1536  
FAX: (505) 864-3212  
E-MAIL: [irrservices@att.com](mailto:irrservices@att.com)  
WEB SITE: [www.irrigationservicesinc.com](http://www.irrigationservicesinc.com)



CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: <b>PARKWAY PARK PHASE II AS- BUILT IRRIGATION SYSTEM</b>		10/24/02	
Design Review Committee	City Engineer Approval	MO./DAY/YR. 12/19/01 12/27/01	MO./DAY/YR. 12/19/01 12/27/01
City Project No. <b>662891</b>		Zone Map No. <b>J-9-Z</b>	Sheet <b>5</b> of <b>9</b>





PLANT LIST

KEY	QTY	BOTANIC NAME	COMMON NAME	SIZE	REMARKS
TREES					
FP	8	Fraxinus velutina	Modesto Ash	2-2 1/2" CAL	B & B
R	16	Cercis occidentalis	Western Redbud	1 1/2-2" CAL	B & B
Mc	15	Malus 'Purple Wave'	Purple Wave Crabapple	1 1/2-2" CAL	B & B
P	1	Quercus myrsinifolia	Chinese Oak	2-2 1/2" CAL	B & B
			Limbed up to 6' - single stem.		
B	7	Quercus macrocarpa	Bur Oak	2 - 2 1/2" CAL	B & B
CL	2	Chilopsis linearis	Hope Desert Willow	2 - 2 1/2" CAL	B & B
AP	8	Pinus nigra	Austrian Pine	7-8' HT.	B & B
AP1	7	Pinus nigra	Austrian Pine	9-10' HT.	B & B
AZ	16	Platanus wrightii	Arizona Sycamore	2 - 2 1/2" CAL	B & B
SHRUBS					
bm	19	Caryopteris clandonensis 'Heavenly Blue'	Heavenly Blue Blue Mist Shrub	5 GAL.	3' o.c.
rt	27	Rhus trilobata	Three-Leaf Sumac	5 GAL.	3' o.c.

PLANTING NOTES

- A. ALL SHRUBS TO BE INSTALLED PER C.O.A. STD. DETAIL 2718 UNLESS OTHERWISE SPECIFIED.
- B. GRAVEL MULCH TO BE ANGULAR TO SUB ANGULAR 3/8" - 1" TAN CRUSHED STONE.
- C. AMENDED SOIL IS TO BE PLANTING SOIL AS SPECIFIED IN THE C.O.A. STD. SPECIFICATIONS MIXED WITH EXISTING SOIL FROM THE EXCAVATION OF THE PLANTING PIT. MIX 1 PART PLANTING MIX TO 2 PARTS EXISTING SOIL FOR BACKFILL.
- D. ALL DISTURBED AREAS NOT OTHERWISE SPECIFIED TO BE SEEDED WITH NATIVE GRASS AS SPECIFIED PER C.O.A. STD. SPECIFICATIONS SECTION 1012.4.1.2.
- E. MAINTAIN A DISTANCE OF 8' BETWEEN ALL TREES AND CONCRETE PAVING.
- F. ALL TREES IN TURF TO BE INSTALLED PER C.O.A. STD. DETAIL 2713. ALL OTHER TREES TO BE INSTALLED PER C.O.A. DETAIL 2714.

LEGEND

- SHADE TREES
- ⊙ NATIVE ORNAMENTAL TREES
- ⊙ EVERGREEN TREES
- BERMUDA GRASS SPRIGGING
- SEEDED LAWN
- MULTI - PURPOSE SPORTS FIELD
- GRAVEL MULCH
- PROPOSED WALK
- LIMITS OF PHASE II
- CONCRETE MOW STRIP W/ 6' STANDARD CHAINLINK FENCE

KEY PLANTING NOTES

- 21 20' UTILITY EASEMENT
- 22 TURF GRASS SEED AND INSTALLATION TO BE PER C.O.A. STD SPECIFICATIONS.
- 23 STEEL EDGING
- 24 BERMUDA GRASS-SPRIG INSTALLATION PER GARDENER TURF SPECIFICATIONS.
- 25 4" THICK GRAVEL MULCH BETWEEN SIDEWALK AND CURB - SEE PLANTING NOTE B.
- 26 4" THICK GRAVEL MULCH - SEE PLANTING NOTE B.

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: PARKWAY PARK PHASE II PLANTING PLAN	DATE July 20, 2001
Design Review Committee	City Engineer Approval
APPROVED	APPROVED
REVIEWED BY: [Signature]	CITY ENGINEER
City Project No. 662891	Zone Map No. J-9-Z
Sheet 6	Of 9

DESIGNWORKSHOP  
506 Agua Fria  
Santa Fe, NM  
87501  
(Tel.) 505.982.8399  
(Fax) 505.986.1396

AS BUILT INFORMATION		BENCHMARK		SURVEY INFORMATION		SEAL	
CONTRACTOR	DATE:	AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED "ACS BM 3-9"	DISK IS SET IN THE NORTH WEST TOP END OF A CONCRETE CULVERT PIPE LOCATED ON THE NORTH SIDE OF WESTBOUND I-40, 0.13 +/- MILES WEST OF THE CENTERLINE OF UNDER BLVD. N.W. ELEVATION=5187.56 FEET (NGVD 29)	FIELD NOTES	NO.	BY	REVISIONS / REMARKS
WORK STAKED BY	DATE:						
INSPECTOR'S APPROVAL	DATE:						
FIELD VERIFICATION BY	DATE:						
DRAWING CORRECTED BY	DATE:						
MICRO-FILM INFORMATION	DATE:						
RECORDED BY	DATE:						
NO.							

Attorney General





PLANT LIST

KEY	QTY	BOTANIC NAME	COMMON NAME	SIZE	REMARKS
<b>TREES</b>					
FP	6	Quercus texanum	Texas Red Oak	2-2 1/2" CAL	
R	4	Cercis occidentalis	Western Redbud	1 1/2-2" CAL	
Mc	2	Malus 'Purple Wave'	Purple Wave Crabapple	1 1/2-2" CAL	
P	6	Sophora japonica	Japanese Pagoda	2-2 1/2" CAL	
B	8	Quercus macrocarpa	Bur Oak	2 - 2 1/2" CAL	24" BOX
T	1	Taxodium distichum 'Mexicana'	Bald Cypress	3" CAL.	
AP1	4	Pinus sylvestris	Scotch Pine	8' - 10' HT.	
AZ	7	Platanus wrightii	Arizona Sycamore	2 - 2 1/2" CAL	
<b>SHRUBS</b>					
CN	4	Chrysothamnus nauseosus	Rabbitbrush	5 GAL.	
RF	9	Potentilla fruticosa	Potentilla Gold	5 GAL.	
DW	2	Chilopsis linearis	Desert Willow	5 GAL.	

PLANTING NOTES

- A. ALL SHRUBS TO BE INSTALLED PER C.O.A. STD. DETAIL 2718 UNLESS OTHERWISE SPECIFIED.
- B. CRUSHER FINES PREMIXED W/ STABILIZER AT THE RATE OF 12 LBS OF STABILIZER PER TON OF CRUSHER FINES, 4" DEEP.
- C. AMENDED SOIL IS TO BE PLANTING SOIL AS SPECIFIED IN THE C.O.A. STD. SPECIFICATIONS MIXED WITH EXISTING SOIL FROM THE EXCAVATION OF THE PLANTING PIT. MIX 1 PART PLANTING MIX TO 2 PARTS EXISTING SOIL FOR BACKFILL.
- D. ALL DISTURBED AREAS NOT OTHERWISE SPECIFIED TO BE SEEDED WITH NATIVE GRASS AS SPECIFIED PER C.O.A. STD. SPECIFICATIONS SECTION 1012.4.1.2.
- E. MAINTAIN A DISTANCE OF 12' BETWEEN ALL TREES AND CONCRETE PAVING.
- F. ALL TREES IN TURF TO BE INSTALLED PER C.O.A. STD. DETAIL 2713. ALL OTHER TREES TO BE INSTALLED PER C.O.A. DETAIL 2714.

LEGEND

- + SHADE TREES
- ⊗ NATIVE ORNAMENTAL TREES
- ☼ EVERGREEN TREES
- ▨ BERMUDA GRASS SPRIGGING
- ▨ SEEDED LAWN
- ▨ MULTI - PURPOSE SPORTS FIELD
- ▨ 4" DEEP CRUSHER FINES PREMIXED W/ STABILIZER AT THE RATE OF 12 LBS OF STABILIZER PER TON OF CRUSHER FINES.
- ▨ PROPOSED WALK
- ▨ PROPOSED WALK
- LIMITS OF PHASE II
- ▨ CONCRETE MOW STRIP W/ 6' STANDARD CHAINLINK FENCE

KEY PLANTING NOTES

- 21 20' UTILITY EASEMENT.
- 22 TURF GRASS SEED AND INSTALLATION TO BE PER C.O.A. STD SPECIFICATIONS.
- 23 DEMOLISH NATIVE TURF AREA AND REPLACE WITH CRUSHER FINES W/ STABILIZER SEE PLANTING NOTE B.
- 24 BERMUDA GRASS-SPRIG INSTALLATION PER GARDENER TURF SPECIFICATIONS.
- 25 4" CRUSHER FINES PREMIXED W/ STABILIZER AT THE RATE OF 12 LBS OF STABILIZER PER TON OF CRUSHER FINES.
- 26 4" THICK GRAVEL MULCH - SEE PLANTING NOTE B.
- 27 GRASS LAWN - MATCH SPECIFICATIONS FOR LAWN. AREA IN PHASE I
- 28 REMOVE THE 2 EXISTING TREES AND RELOCATE THEM WHERE THE 2 NEW DESERT WILLOW TREES ARE PROPOSED TO BE PLACED.

FOR INFORMATION ONLY

DESIGNWORKSHOP  
506 Agua Fria  
Santa Fe, NM 87501  
(Tel.) 505.982.8399  
(Fax) 505.986.1396

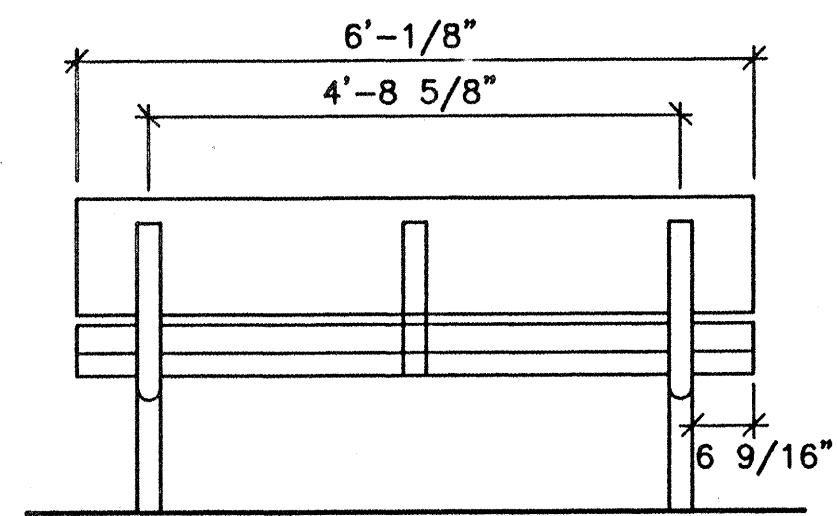
CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: PARKWAY PARK PHASE II PLANTING PLAN CHANGE ORDER #1	
DATE: March 7, 2003	
Design Review Committee	City Engineer Approval
MO/DAY/YR 07/19/01	MO/DAY/YR 08/10/01
08/10/01	12/20/01
City Project No. 662891	Zone Map No. J-9-Z
Sheet 6	Of 9

SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
FIELD NOTES		AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED "ACS BM, 3-19"		CONTRACTOR	
NO.		DATE		DATE:	
BY		DATE		WORK STAKED BY	
NO.		DATE		INSPECTOR'S APPROVAL	
BY		DATE		FIELD VERIFICATION BY	
NO.		DATE		DRAWING CORRECTED BY	
BY		DATE		MICRO-FILM INFORMATION	
NO.		DATE		RECORDED BY	
BY		DATE		NO.	

PARKLAND VIEW DRIVE, N.W.

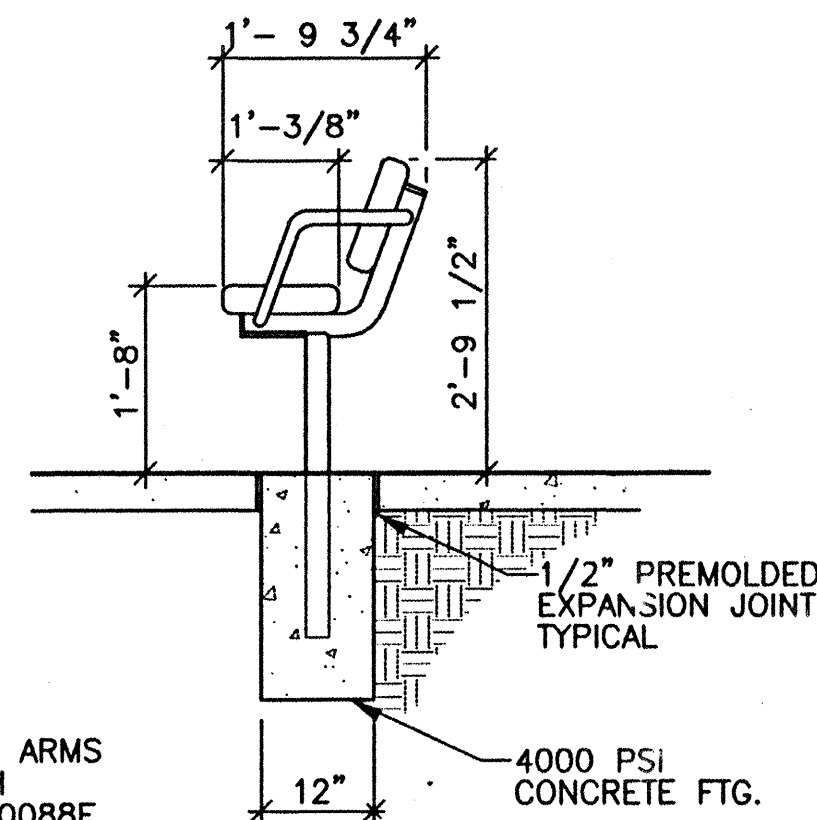
TESSA DRIVE, N.W.





RECYCLED POLYETHYLENE BENCHES, WITH BROWN ARMS AND LEGS WITH THIRD ARM IN MIDDLE OF BENCH. LANDSCAPE STRUCTURES INC., MODEL NUMBER 10088F. DIRECT BURY.

ELEVATION

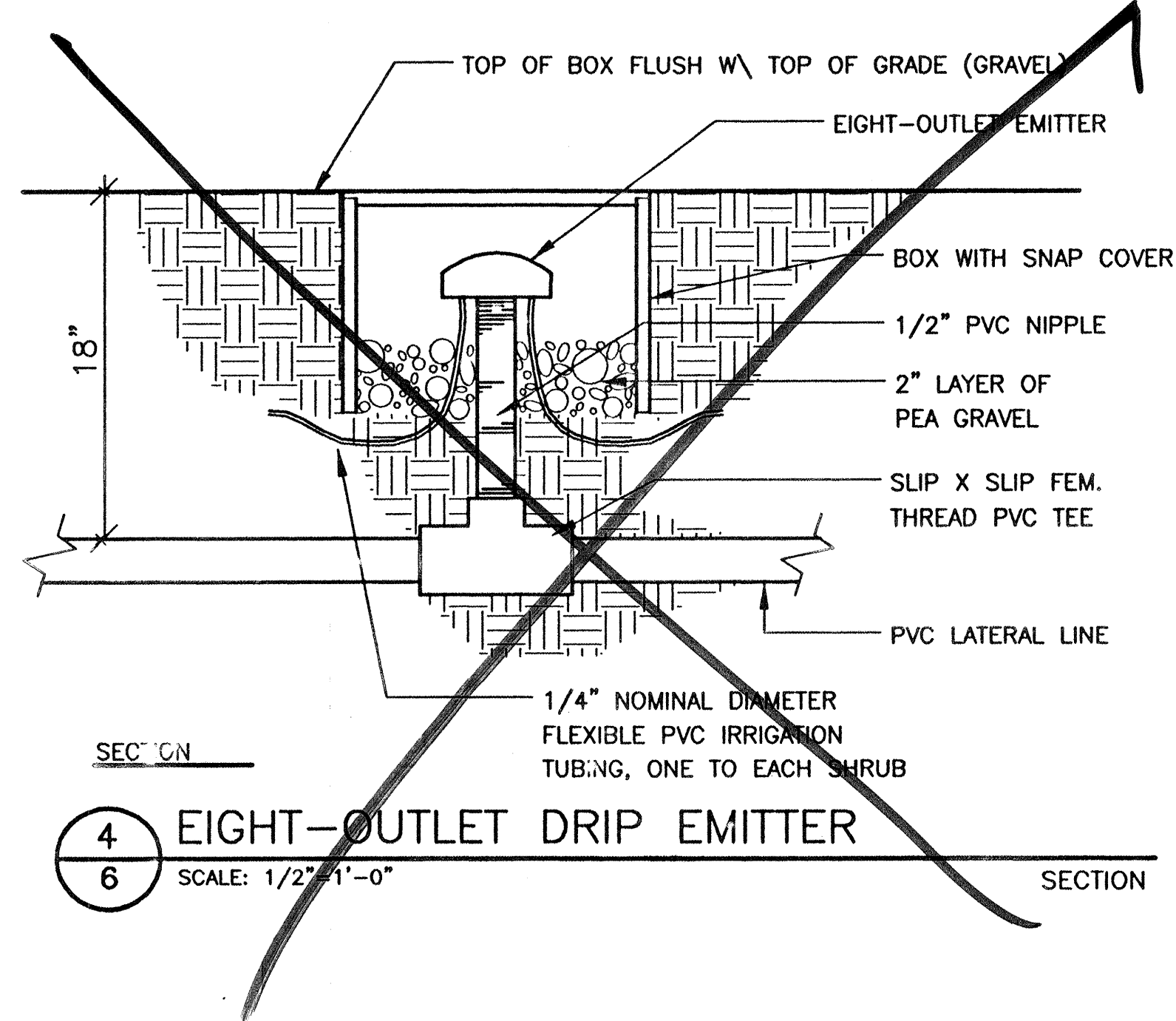


SECTION

### 1 TYPICAL BENCH CONCRETE FOOTING

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

PLAN

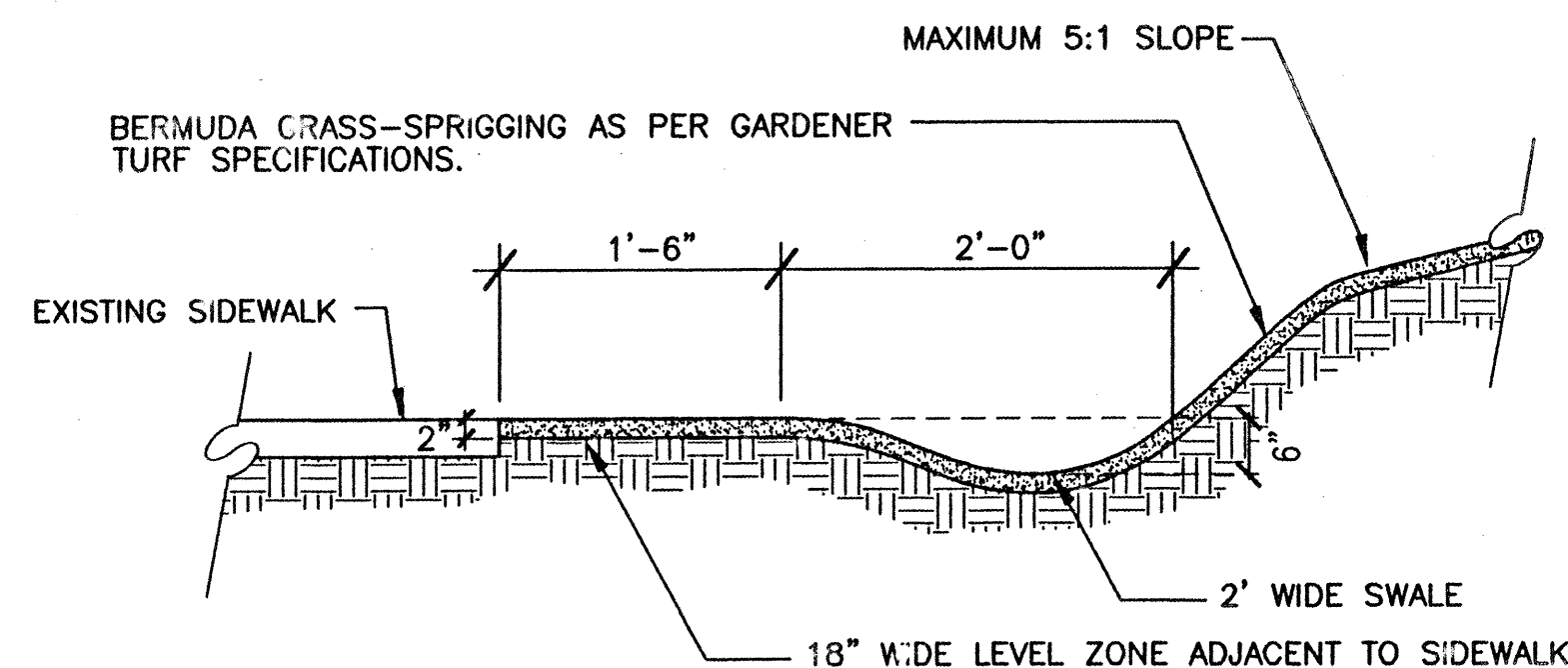


SECTION

### 4 EIGHT-OUTLET DRIP EMITTER

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

SECTION

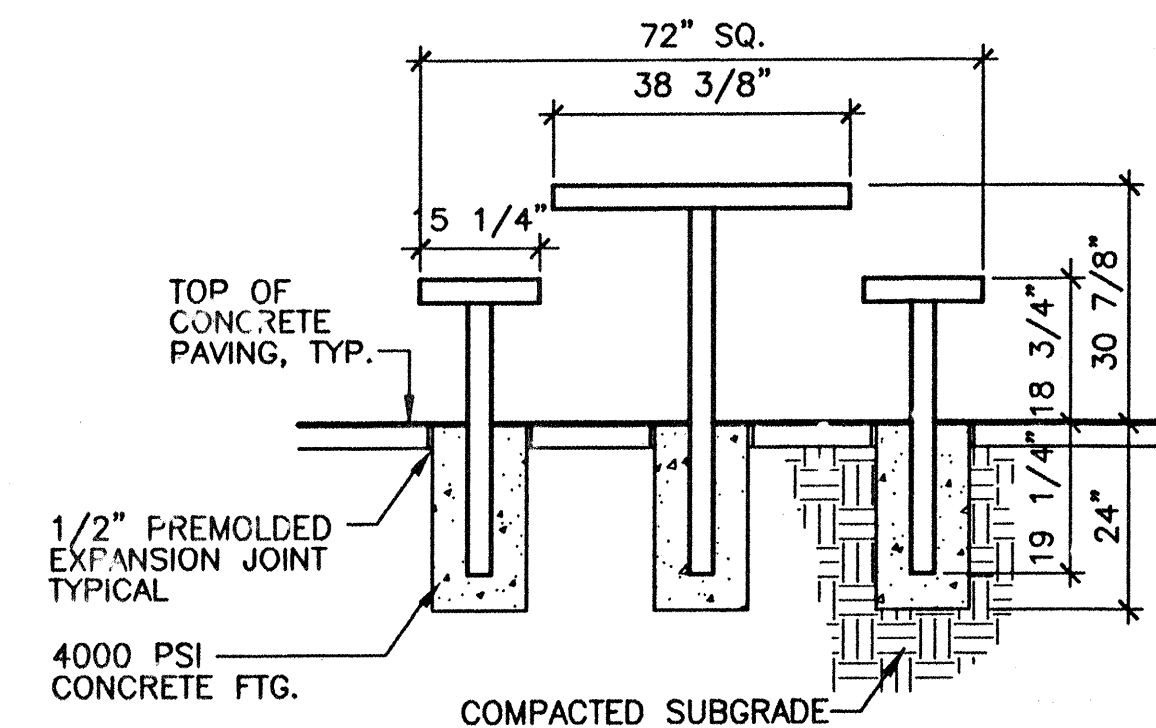


SECTION

### 2 STABILIZED ZONE

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

SECTION




PICNIC TABLE: RECYCLED PLASTIC WITH BROWN LEGS. LANDSCAPE STRUCTURES, INC., MODEL #113139J OR HANDICAP ACCESSIBLE MODEL #113139K, REFER TO SHT. L-2 FOR TYPE.

SECTION

### 3 PICNIC TABLE

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

SECTION

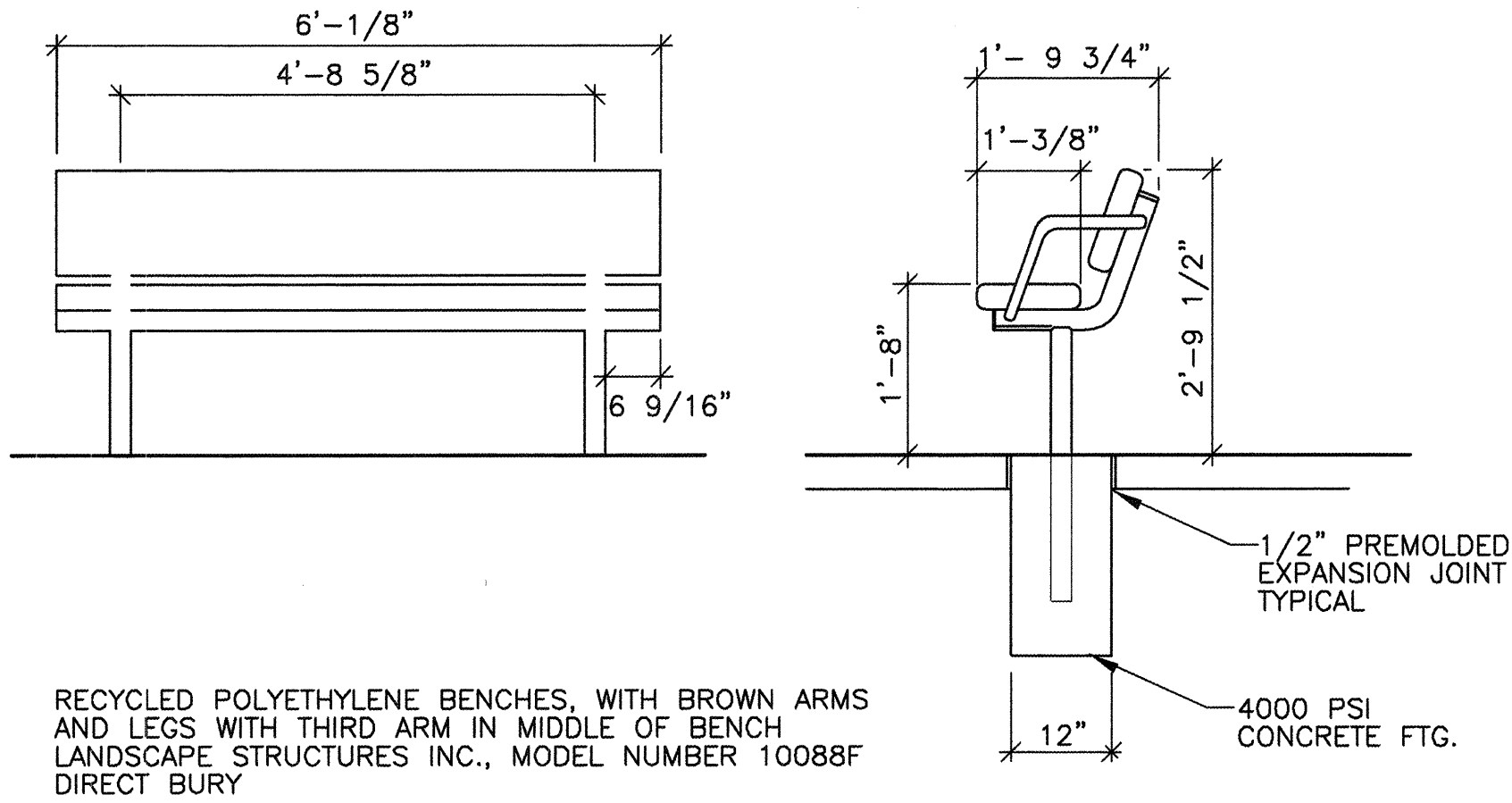
NO.		DATE		REVISIONS / REMARKS		BY		SEAL		SURVEY INFORMATION		BENCHMARK		AS BUILT INFORMATION	
										FIELD NOTES		AN A.C.S. 1 3/4" ALUMINUM DISK STAMPED "ACS BM, 3-J9".		CONTRACTOR	
						NO.				DATE		DISK IS SET IN THE NORTH WEST TOP END OF A CONCRETE		WORK STAKED BY	
												CULVERT PIPE LOCATED ON THE NORTH SIDE OF WESTBOUND		INSPECTOR'S APPROVAL	
												1-40, 0.13 +/- MILES WEST OF THE CENTERLINE OF		FIELD VERIFICATION BY	
												UNSER BLVD. N.W. ELEVATION=5187.56 FEET (NOV0 23)		DRAWING CORRECTED BY	
												MICRO-FILM INFORMATION		DATE:	
												RECORDED BY		NO.	

*Kathleen S. S. S.*

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: PARKWAY PARK PHASE II PLANTING PLAN	DATE: JULY 20, 2001
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
DESIGN REVIEW COMMITTEE	CITY ENGINEER
Zone Map No. J-9-Z	Sheet 7 of 9

**DESIGNWORKSHOP**  
506 Agua Fria  
Santa Fe, NM  
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(Tel.) 505.982.8399  
(Fax) 505.986.1396

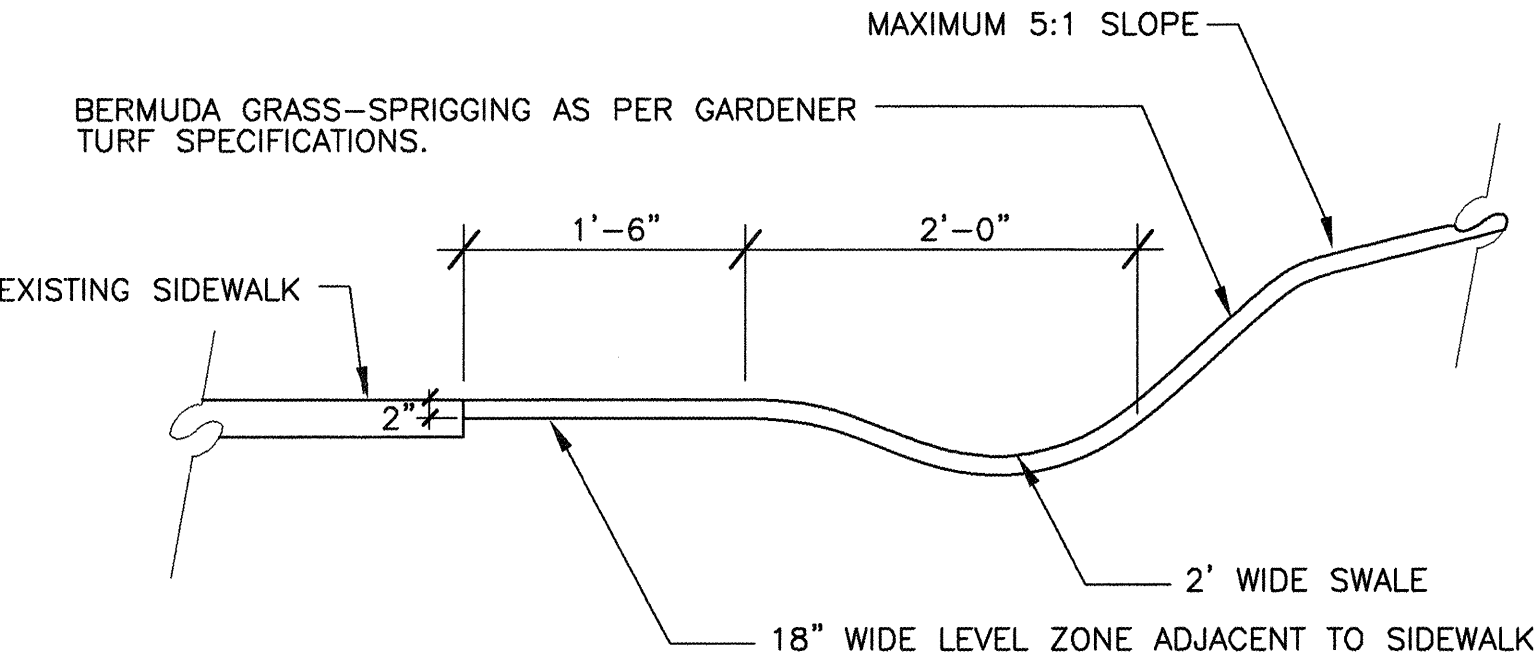




RECYCLED POLYETHYLENE BENCHES, WITH BROWN ARMS AND LEGS WITH THIRD ARM IN MIDDLE OF BENCH  
LANDSCAPE STRUCTURES INC., MODEL NUMBER 10088F  
DIRECT BURY

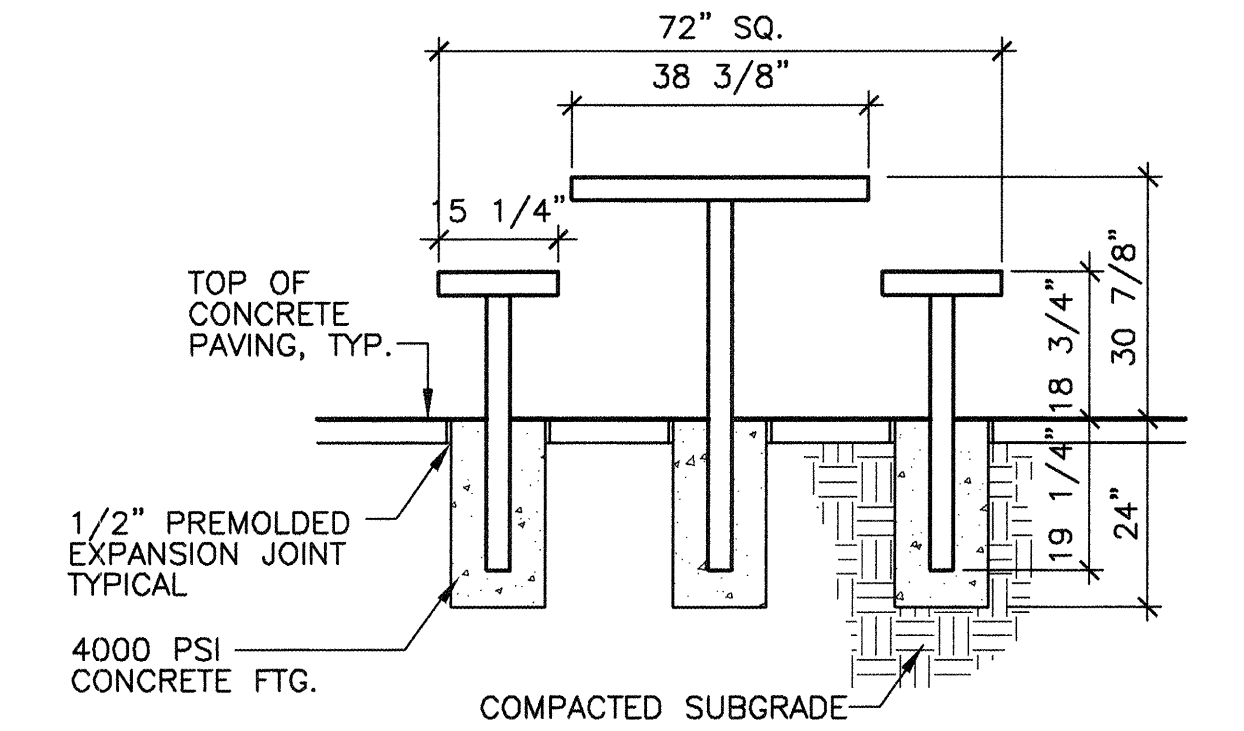
ELEVATION SECTION

1 TYPICAL BENCH CONCRETE FOOTING  
SCALE: 1/2"=1'-0" PLAN



SECTION

2 STABILIZED ZONE  
SCALE: 1/2"=1'-0" SECTION



PICNIC TABLE: RECYCLED PLASTIC WITH BROWN LEGS  
LANDSCAPE STRUCTURES, INC., MODEL #113139J OR HANDICAP  
ACCESSIBLE MODEL #113139K, REFER TO SHT. L-2 FOR TYPE.

SECTION

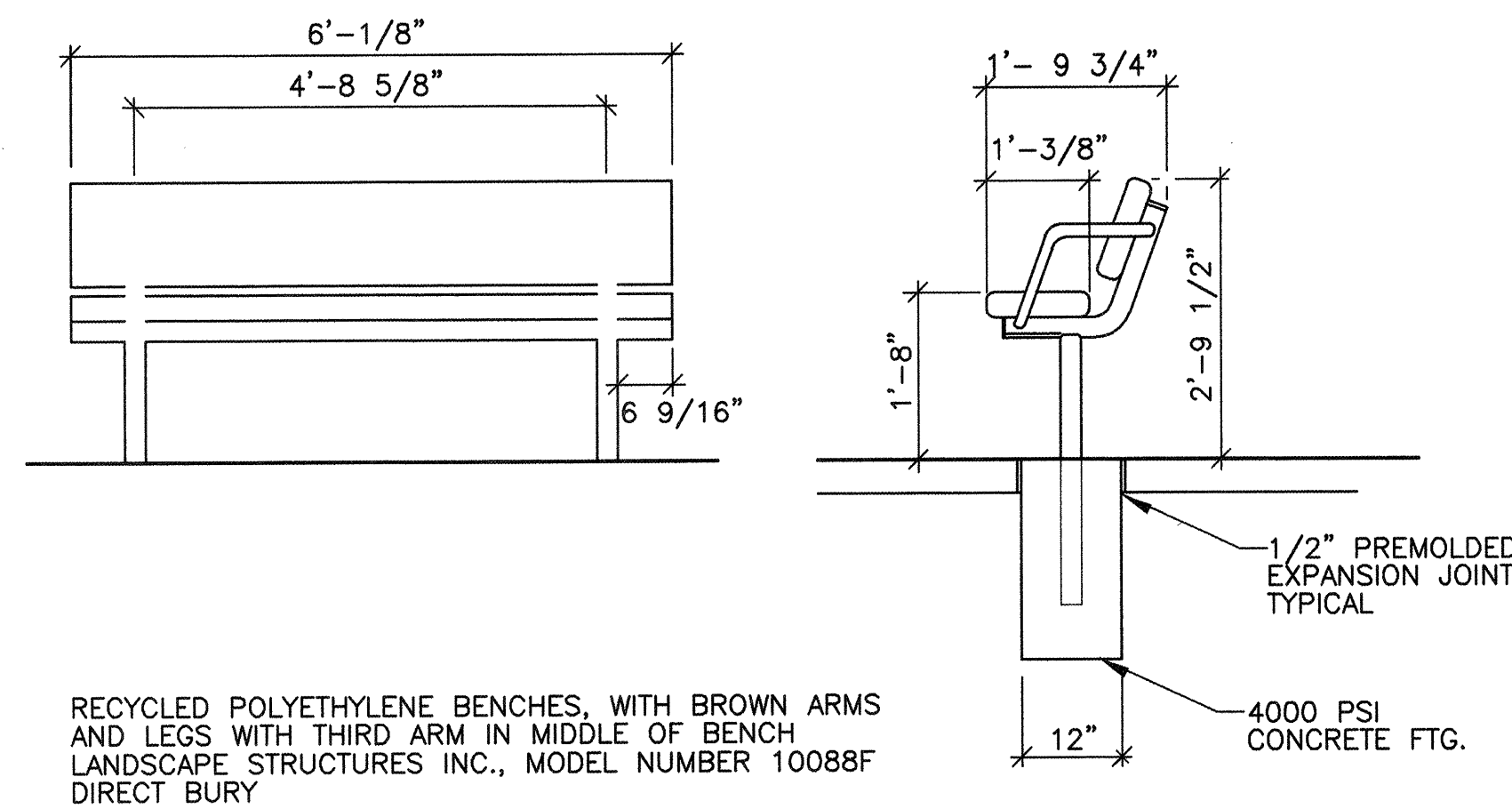
3 PICNIC TABLE  
SCALE: 1/2"=1'-0" SECTION

**DESIGNWORKSHOP**  
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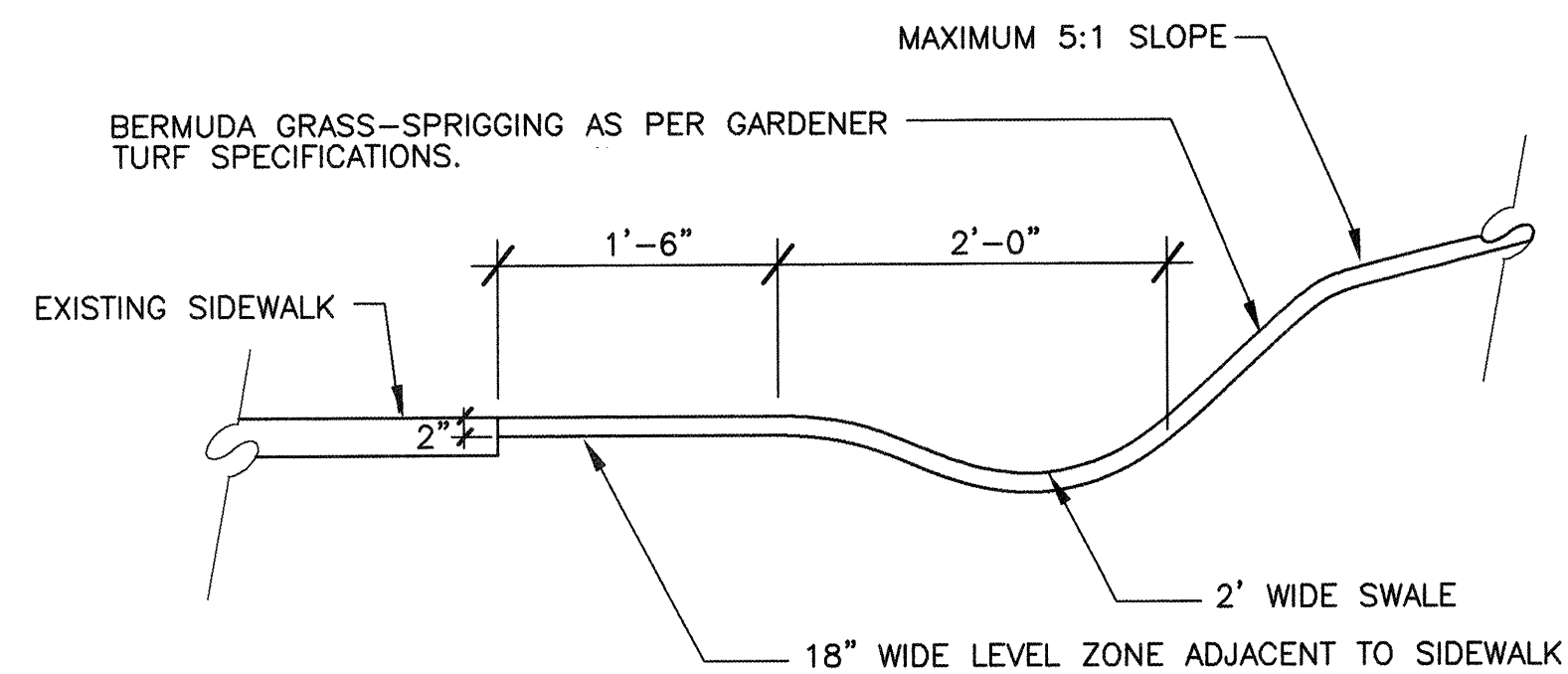
FOR INFORMATION ONLY

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: PARKWAY PARK PHASE II DETAILS		DATE February 7, 2003	
Design Review Committee	City Engineer Approval	MO./DAY/YR. 07/19/01	MO./DAY/YR.
City Project No. 662891		Zone Map No. J-9-Z	Sheet 7 Of 9

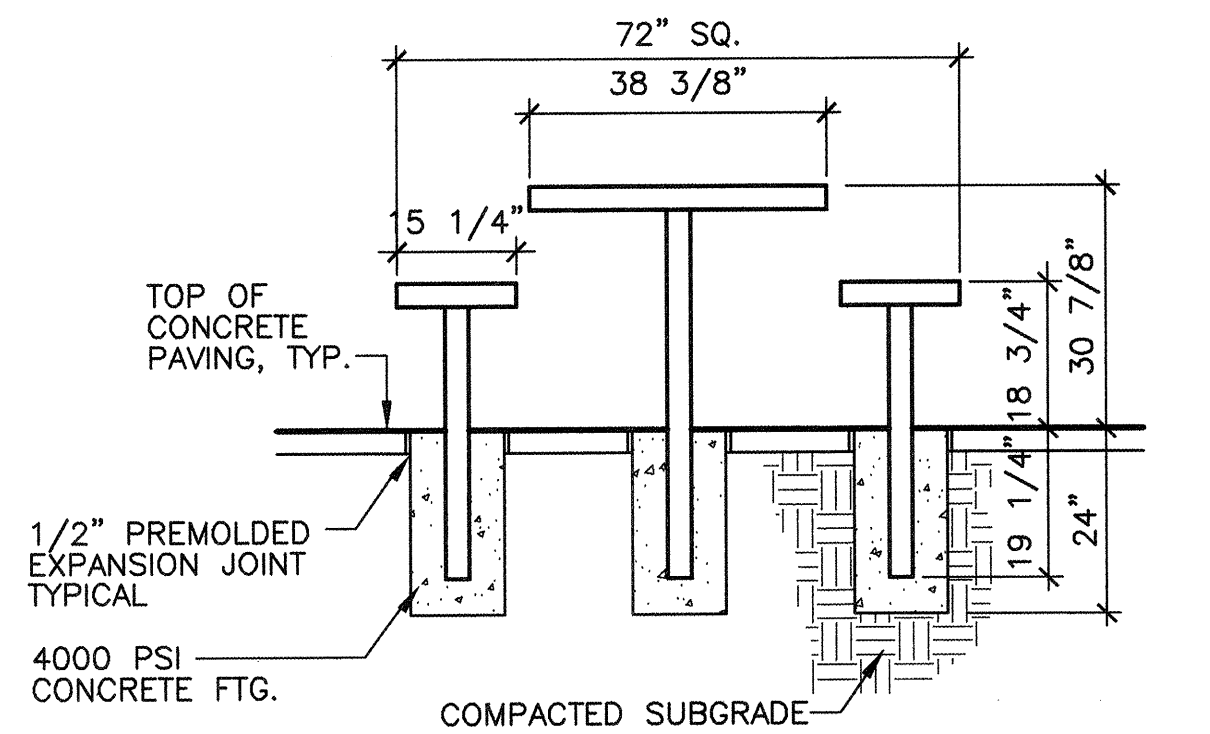




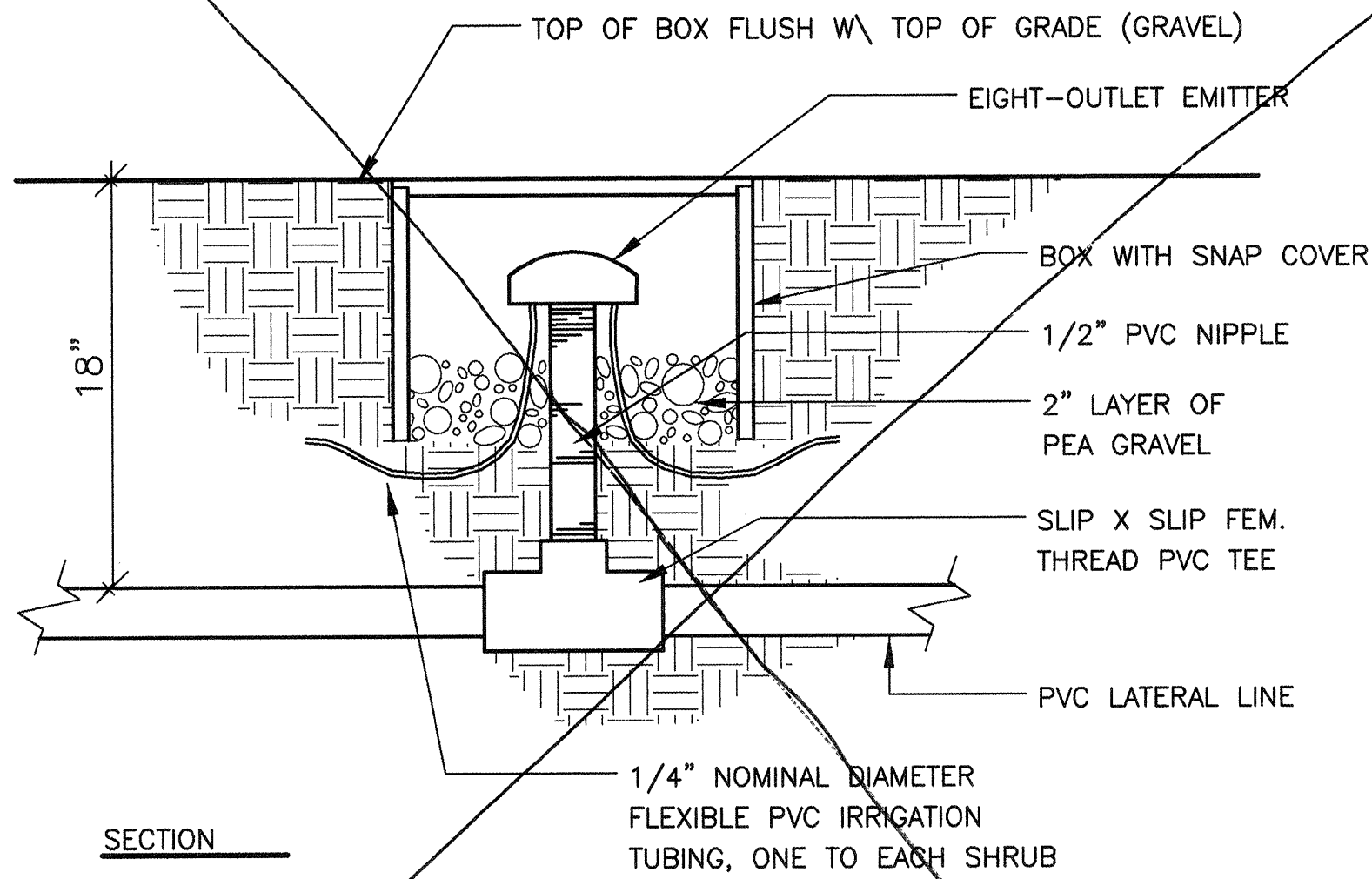
**1 TYPICAL BENCH CONCRETE FOOTING**  
SCALE: 1/2"=1'-0"



**2 STABILIZED ZONE**  
SCALE: 1/2"=1'-0"



**3 PICNIC TABLE**  
SCALE: 1/2"=1'-0"



**4 EIGHT-OUTLET DRIP EMITTER**  
SCALE: 1/2"=1'-0"

#### VALVE SCHEDULE

VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	PRECIP. RATE IN/HR.	RUN TIME MINUTES/DAY	DAYS PER WEEK	PLANT MATERIAL	RUN CYCLE
1	1"	2.6	DRIP	0.26	2 HRS.	2	TREES	
3	1.25"	14.45	SPRAY	0.37	1 HR. 25 MIN.	EVERY OTHER	TURF	1
4	1"	9.35	SPRAY	0.24	2 HRS.	EVERY OTHER	TURF	1
5	1.5"	28.9	SPRAY	0.27	1 HR. 50 MIN.	EVERY OTHER	TURF	1
6	1.5"	15.3	SPRAY	0.36	1 HR. 23 MIN.	EVERY OTHER	TURF	1
8	1"	0.73	DRIP	0.32	1 HR. 23 MIN.	2	TREES	
9	2"	49.3	SPRAY	0.4	1 HR. 15 MIN.	EVERY OTHER	TURF	2
10	1"	11.9	SPRAY	0.26	2 HRS.	EVERY OTHER	TURF	1
11	1"	0.86	DRIP	0.32	1 HR. 20 MIN.	2	TREES	

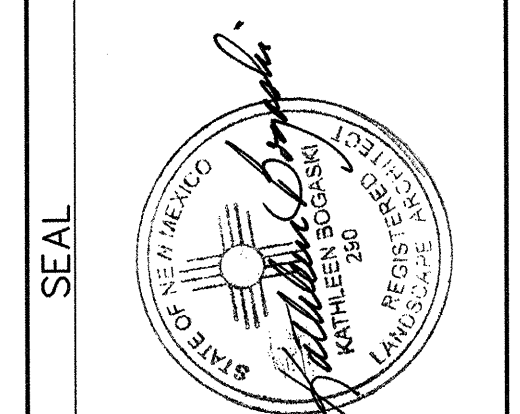
#### Phase 2

VALVE NO.	VALVE SIZE	TOTAL GPM	HEAD TYPE	PRECIP. RATE IN/HR.	RUN TIME MINUTES/DAY	DAYS PER WEEK	PLANT MATERIAL	RUN CYCLE
12	1.25"	26.25	SPRAY	0.32	1 HR. 35 MIN.	2	TURF	2
13	1"	8.40	SPRAY	0.18	2 HRS. 40 MIN.	EVERY OTHER	TREES	
14	2"	33.60	SPRAY	0.16	3 HRS. 10 MIN.	EVERY OTHER	TURF	4.5
15	2"	36.00	BUBBLERS		15 MIN.	2	TREES	
16	2"	54.60	SPRAY	0.37	1 HR. 20 MIN.	EVERY OTHER	TURF	2
17	2"	33.60	SPRAY	0.18	2 HRS. 40 MIN.	EVERY OTHER	TURF	3
18	2"	33.60	SPRAY	0.18	2 HRS. 40 MIN.	EVERY OTHER	TURF	3
19	2"	33.60	SPRAY	0.18	2 HRS. 40 MIN.	EVERY OTHER	TURF	3
20	2"	37.80	SPRAY	0.35	1 HR. 25 MIN.	EVERY OTHER	TURF	4
21	2"	33.60	SPRAY	0.34	1 HR. 27 MIN.	EVERY OTHER	TURF	1
22	1.25"	8.28	SPRAY	1.6	20 MIN.	3	TURF	2
23	1"	2.70	SPRAY	0.06	8 HRS. 20 MIN.	EVERY OTHER	TREES	
24	2"	46.20	SPRAY	0.3	1 HR. 40 MIN.	EVERY OTHER	TURF	4
25	1.5"	27.30	SPRAY	0.38	1 HR. 18 MIN.	EVERY OTHER	TURF	4
26	1.5"	21.00	SPRAY	0.17	2 HRS. 55 MIN.	2	TREES	
27	1"		DRIP		30 MIN.	EVERY OTHER	SHRUBS	
28	1.5"	25.00	SPRAY	0.27	1 HR. 50 MIN.	EVERY OTHER	TURF	1
29	1.5"	29.50	SPRAY	0.17	2 HRS. 55 MIN.	2	TREES	
30	1.25"	17.85	SPRAY	0.22	2 HRS. 20 MIN.	EVERY OTHER	TURF	3
31	2"	52.50	SPRAY	0.31	1 HR. 40 MIN.	EVERY OTHER	TURF	5
32	1"	12.60	SPRAY	0.19	2 HRS. 45 MIN.	EVERY OTHER	TURF	3
33	1"	12.60	SPRAY	0.21	2 HRS. 20 MIN.	EVERY OTHER	TURF	3
34	2"	39.90	SPRAY	0.41	1 HR. 10 MIN.	EVERY OTHER	TURF	4

FOR INFORMATION ONLY

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CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: PARKWAY PARK PHASE II DETAILS & VALVE SCHEDULE		DATE: AUGUST 10, 2001	
Design Review Committee	City Engineer Approval	MO./DAY/YR. 07/19/01	MO./DAY/YR.
City Project No. 662891		Zone Map No. J-9-Z	Sheet 7 Of 19



DESIGNED BY: GW-KB	DATE: 08-10-01
DRAWN BY: SY	DATE: 08-10-01
CHECKED BY: KB	DATE: 08-10-01







