



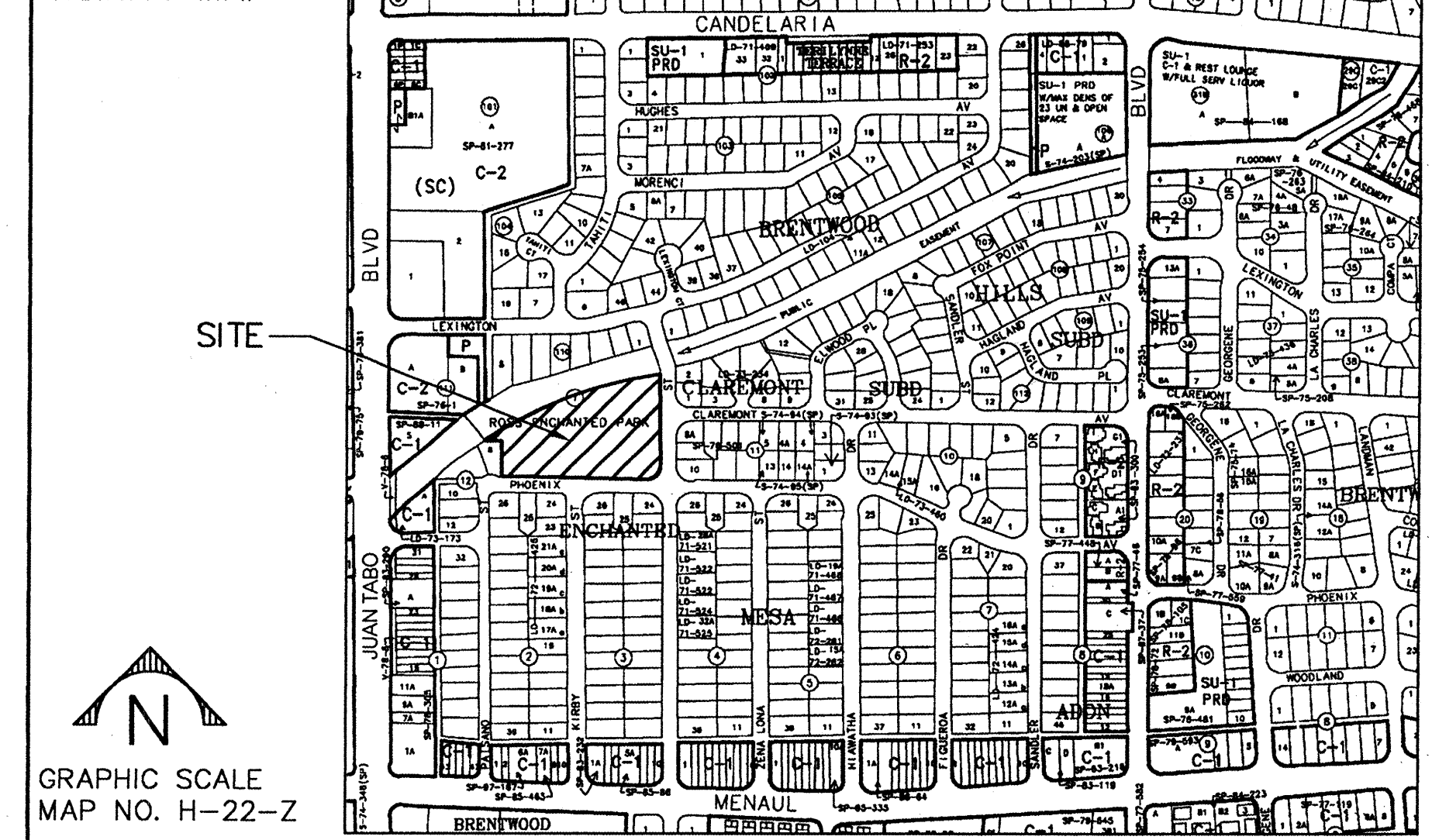
CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

ROSS ENCHANTED PARK PLAY AREA
2519 Algodones St. NE

SHEET INDEX

SHEET NO.	TITLE
1	TITLE SHEET, VICINITY MAP, SHEET INDEX
2	GENERAL NOTES, LEGEND, AND SURVEY CONTROL
3	SITE PLAN
4	EXISTING AND DEVELOPED DRAINAGE CONDITIONS
5	HORIZONTAL/VERTICAL GEOMETRY PLAN AND DETAILS
6	IRRIGATION REVISION PLAN, LEGEND AND NOTES
7	PLANTING PLAN, LEGEND, AND NOTES
8	PLAY AREA LAYOUT PLAN
9	SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS
10	TYPICAL TRAFFIC CONTROL AND SIGNING

VICINITY MAP



UTILITY COMPANY CONTACTS

PNM
Jim Vann
4201 Edith Boulevard NE
Albuquerque, New Mexico 87107
(505) 848-3426

GAS CO.
Kelly Bouska
4625 Edith Blvd., NE
Albuquerque, New Mexico 87107
(505) 241-7752

AT&T
David B. Crowl
111 Third St., NW
Albuquerque, New Mexico 87103
(505) 842-2806

JONES INTERCABLE
Karen Shore
4611 Montbel Pl., NE
P.O. Box 27138
Albuquerque, NM 87125-7138
(505) 761-6220

US WEST COMMUNICATIONS
Cathy Schneider
201 Third Street
Suite 700
Albuquerque, New Mexico 87102
(505) 245-6846



CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 764-8801 Fax 842-5465
e-mail: cp@consensusplanning.com

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVED	ENGINEER	DATE	APPROVED FOR CONSTRUCTION		
		DRC Chairman	<i>[Signature]</i>	4-25-01	<i>[Signature]</i> 4/25/01 CITY ENGINEER DATE		
		Transportation	<i>[Signature]</i>	4-25-01			
		Water/Wastewater	<i>[Signature]</i>	4-25-01			
		Hydrology	<i>[Signature]</i>	4/25/01			
		CIP	<i>[Signature]</i>	4-25-01			
		Constr. Mngmt.	<i>[Signature]</i>	4-25-01			
		Constr. Coord.	<i>[Signature]</i>	4-25-01			
PROJECT NUMBER 661191					SHEET 1 OF 10		

21 ALL WATER VALVES AND FIRE HYDRANTS REMOVED TO BE SALVAGED AND RETURNED TO THE C.O.A.

22 MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 16 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.

23 MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.

24 THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GUARD FENCES, WALKS AND BRIDGES.

25 ALL STRUCTURAL CONCRETE TO BE 4000 PSI UNLESS OTHERWISE NOTED ON PLANS.

26 ALL REINFORCING STEEL TO BE GRADE 60.

27 ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.

28 ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.

29 PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE CITY FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

30 THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE.

31 TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE CITY FIELD ENGINEER.

32 THE CONTRACTOR WILL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION, 764-1599, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

33 ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.

34 PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.

35 ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE CITY FIELD ENGINEER.

36 THE CONTRACTOR WILL COORDINATE THE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS. A CONTRACT EXTENSION MAY BE ALLOWED AS DELINEATED IN CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.

37 ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CONTRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.

38 EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE CITY FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.

39 ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS WILL BE FURNISHED BY THE CONTRACTOR AND WILL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 OF THE SPECIFICATIONS.



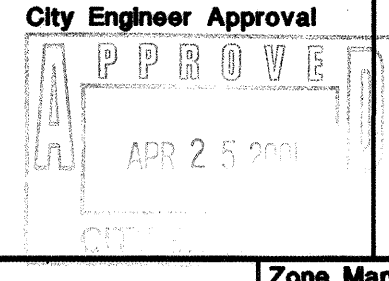
EXISTING FEATURES LEGEND:

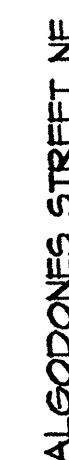
NEW FEATURES LEGEND:

	CONSTRUCTION CENTERLINE
	NEW CHAIN-LINK FENCE
	NEW GAS LINE W/ VALVE
	NEW WATERLINE W/ VALVE
	NEW WATERLINE METER
	NEW FIRE HYDRANT
	NEW SANITARY SEWER LINE W/ MANHOLE
	NEW STORM DRAIN
	NEW SPRINKLER HEAD
	NEW 1' CONTOUR
	NEW 5' CONTOUR
	NEW CURB & GUTTER
	NEW CONCRETE
	NEW EASEMENT LINE
	POT HOLE LOCATION W/ NO.
	NEW EDGE OF PAVEMENT

FOR INFORMATION ONLY

POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1493557.2800	420728.7500	5611.10	ACS 10-H22
2	1500252.9200	420717.7500	5666.13	ACS 2-G21A
25	1496319.9510	424762.4055	5638.13	FD #5 REBAR
26	1496057.0698	424266.3804	5619.59	FD #5 REBAR
28	1495022.7757	420707.5589	100.00	H-21

 <p>Smith Engineering Company A Full Service Engineering Company 6400 Uptown Development, N.E. Suite 1000 Albuquerque, New Mexico 87110</p>		101105								NO. DATE		DESIGNED BY		DRAWN BY		CHECKED BY	
<p align="center">CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP</p>																	
<p>TITLE: ROSS ENCHANTED PARK</p>																	
<p align="center">GENERAL NOTES, LEGEND, & SURVEY CONTROL</p>																	
<p>Design Review Committee</p> 				<p>City Engineer Approval</p> 				<p>Last Design Update</p>		<p>Mo. / Day / Yr.</p>		<p>Mo. / Day / Yr.</p>					
City Project No.				Zone Map No.				Sheet		Of							
661191				H-22						2		10					



11 Trash Receptacle, surface mount on concrete slab. See Site Amenities
Legend, sheet 8.

12 Sand play area, see sheet 8 for play area layout and equipment list.

13 Resilient surfacing, see sheet 8 for play area layout and equipment list.

14 Concrete slab, see COA detail 2720.

15 Concrete header curb, see COA detail 2729.

16 18" x 8" concrete turndown slab at play area. See COA
detail 2728.

17 Handicap parking area, see sheet 5 for details.

18 Limits of Construction.

19 Possible future location of shade structure.

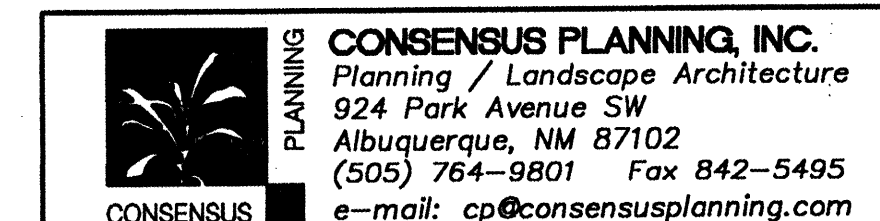
20 Removable bollard, see COA detail 2250.

21 Reinforcing detail, see detail this sheet.

22 *Bike Rack, see site amenities legend, sheet 8.*



Scale: 1" = 20' - 0"



CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: ROSS ENCHANTED PARK PLAY AREA
SITE PLAN

Design Review Committee

APPROVE

APR 25 2001

DESIGN REVIEW COMMITTEE

City Engineer Approval

APPROVE

APR 25 2001

CITY ENGINEER

City Project No.	661191	Zone Map No.	H-22-7	Sheet	3	of	10
------------------	--------	--------------	--------	-------	---	----	----

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

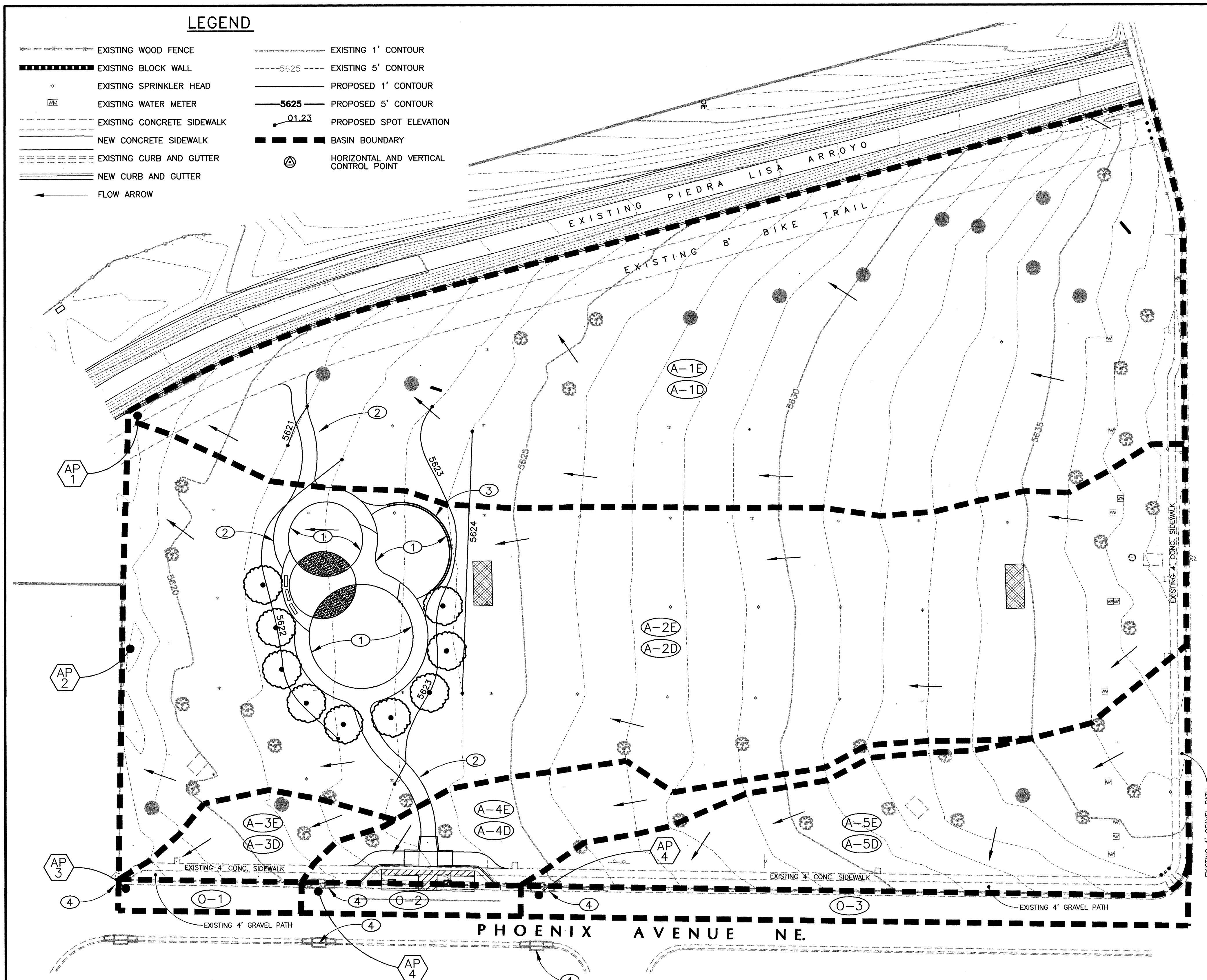
Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

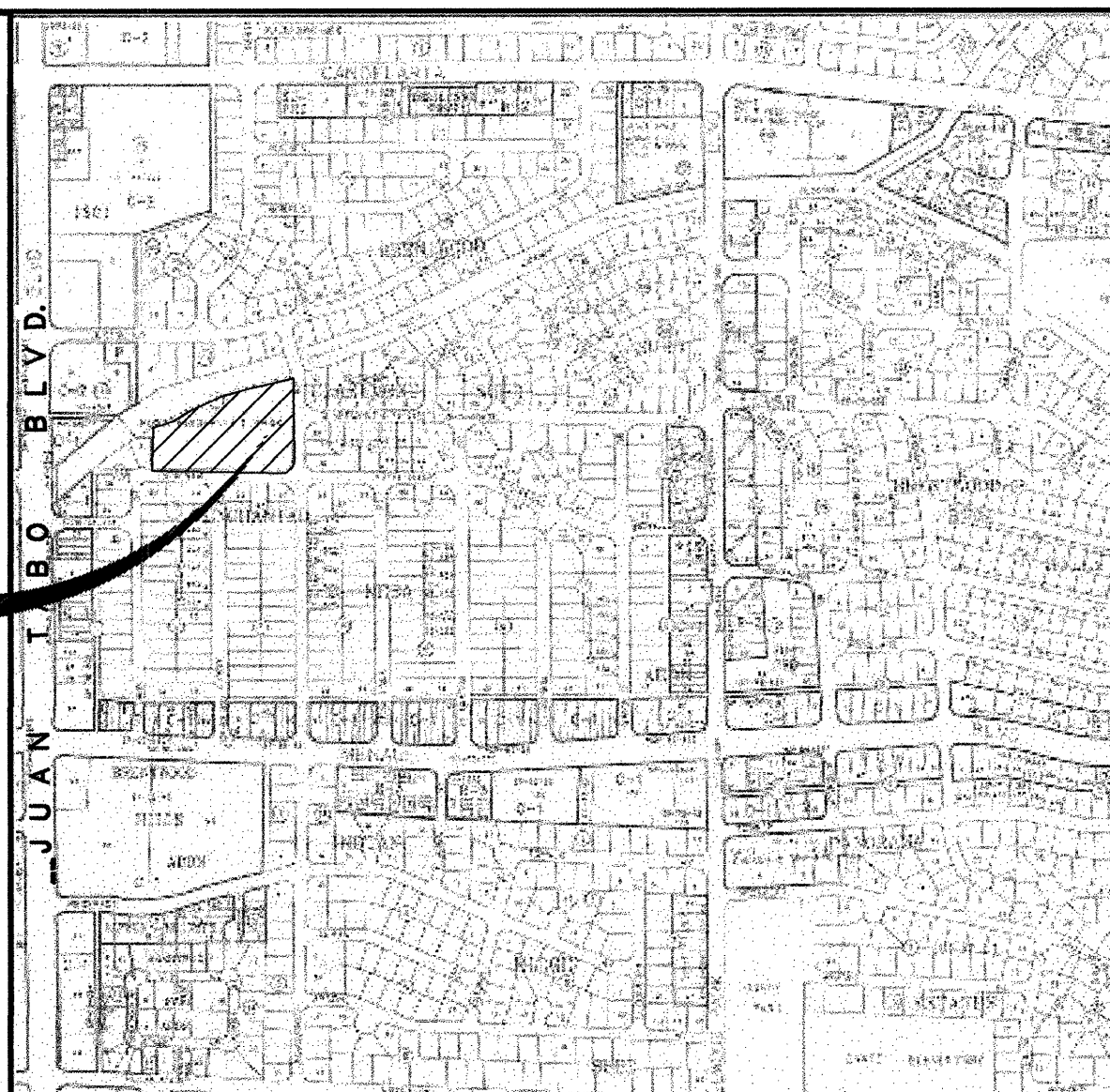
Last Design Update		No. / Day / Yr.		No. / Day / Yr.	
No. 22-7		Sheet		3 of 10	

Last Design Update		No. / Day / Yr.	
--------------------	--	-----------------	--



- KEYED NOTES:
- NEW SAND PLAY AREA
 - NEW CONCRETE PATH
 - NEW HEADER CURB PER COA STD. DWG. 2415.
 - EXISTING TYPE DOUBLE 'C' STORM DRAIN INLET.

PROJECT LOCATION



LOCATION MAP
ZONE ATLAS MAP NO. H-22
NOT TO SCALE

DRAINAGE MANAGEMENT PLAN

PURPOSE: THE PURPOSE OF THIS PLAN IS TO PROVIDE A FINAL DRAINAGE MANAGEMENT PLAN FOR THE PROPOSED PLAY AREA IMPROVEMENTS OF THE CITY OF ALBUQUERQUE'S ROSS ENCHANTED PARK. THE PLAN IS SUBMITTED FOR REVIEW BY THE CITY OF ALBUQUERQUE HYDROLOGY SECTION OF THE PUBLIC WORKS DEPARTMENT.

EXISTING CONDITIONS: THE SITE IS CURRENTLY A DEVELOPED CITY OF ALBUQUERQUE PARK WITH IRRIGATED GRASS AREAS, SHRUBS, AND TREES. A 4' SIDEWALK AND 5' GRAVEL AREA BORDER THE SITE ALONG PHOENIX AVENUE AND THE MAJORITY OF ALGODONES STREET. AN 8' ASPHALT BIKE TRAIL RUNS ALONG THE NORTHERN BOUNDARY OF THE SITE. THE EXISTING PIEDRA LISA ARROYO BOUNDS THE PARK TO THE NORTH.

THE SITE TOPOGRAPHY SLOPES AT APPROXIMATELY 3.6% FROM EAST TO WEST. FLOWS ON THE NORTHERN PORTION OF THE SITE ARE COLLECTED IN THE PIEDRA LISA ARROYO. FLOWS FROM THE SOUTHERN PORTION OF THE SITE ARE COLLECTED IN TWO CITY OF ALBUQUERQUE STANDARD TYPE 'A' STORM DRAIN INLETS LOCATED IN PHOENIX AVENUE. THESE INLETS COLLECT THE OFFSITE STREET FLOWS FROM PHOENIX AVENUE AS WELL. FLOWS FROM THE MIDDLE OF THE PARK FLOW OFFSITE TO NEIGHBORING PROPERTIES AND ARE EVENTUALLY COLLECTED IN JUAN TABO BOULEVARD.

CALCULATIONS: THE CALCULATIONS SHOWN HEREON DEFINE THE 100-YEAR / 6 HOUR DESIGN STORM FALLING WITHIN THE PROJECT SITE AND CONTRIBUTING OFF-SITE AREAS UNDER EXISTING AND DEVELOPED CONDITIONS. THE HYDROLOGY IS PER THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, CHAPTER 22, VOLUME 2, 1997 REVISION.

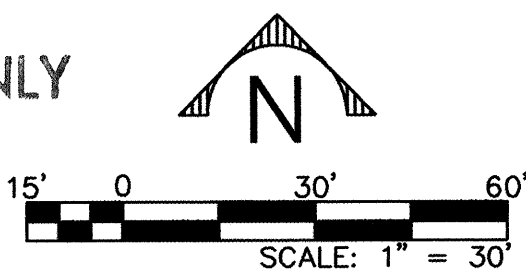
DEVELOPED CONDITIONS:

THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A PARK PLAY AREA WITH A DEDICATED HANDICAPPED PARKING AREA. THIS IMPROVEMENT WILL BE CONSTRUCTED OF CONCRETE PATHS AND SAND PLAY AREAS. THE PATHS WILL BE CONSTRUCTED TO MATCH THE EXISTING GRADE AS CLOSELY AS POSSIBLE. THE SAND PLAY AREAS WILL NEED TO BE CONSTRUCTED WITH A SLOPE TO ENSURE STABILITY. THE PROPOSED IMPROVEMENTS WILL NOT CHANGE THE EXISTING DRAINAGE BASIN AREAS.

ANALYSIS POINT	EXISTING CONTRIBUTING BASINS	DEVELOPED CONTRIBUTING BASINS	DEVELOPED Q 100 (CFS)	EXISTING Q 100 (CFS)	VOLUME V 100 (ACRE-FT)
AP-1	A-1E	A-1D	5.720	5.693	2.265
AP-2	A-2E	A-2D	6.047	5.852	2.317
AP-3	A-3E, 0-1	A-3D, 0-1	0.526	0.526	0.234
AP-4	A-4E, 0-2	A-4D, 0-2	0.946	0.906	0.409
AP-5	A-5E, 0-3	A-5D, 0-3	2.47	2.47	1.077

ANALYSIS POINT HYDROLOGY TABLE

FOR INFORMATION ONLY

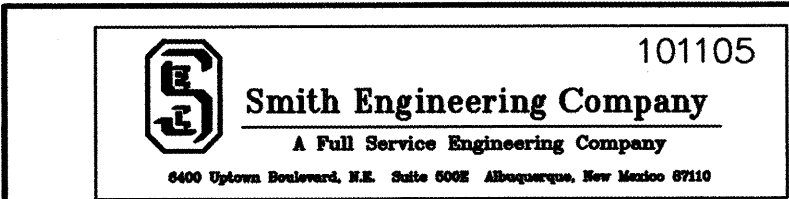


BASIN	AREA (ACRES)	PRECIPITATION 100-YR, 6-HOUR (INCHES)	TIME OF CONCENTRATION (HOURS)	AREA LAND TREATMENT B (ACRES)	AREA LAND TREATMENT D (ACRES)	EXCESS PRECIPITATION E, B (INCHES)	EXCESS PRECIPITATION E, D (INCHES)	FLOW Q 100 (CFS)	VOLUME V 100 (ACRE-FT)
0-1	0.0376	3.65	0.20	0.00	0.0376	1.08	2.64	0.198	0.099
0-2	0.0451	3.65	0.20	0.00	0.0451	1.08	2.64	0.240	0.121
0-3	0.1394	3.65	0.20	0.00	0.1394	1.08	2.64	0.732	0.368
A-1E	1.787	3.65	0.20	1.583	0.204	1.08	2.64	5.693	2.248
A-2E	1.979	3.65	0.20	1.948	0.0313	1.08	2.64	5.852	2.186
A-3E	0.0966	3.65	0.20	0.0768	0.0197	1.08	2.64	0.328	0.135
A-4E	0.2120	3.65	0.20	0.1862	0.0253	1.08	2.64	0.677	0.268
A-5E	0.5190	3.65	0.20	0.4237	0.0953	1.08	2.64	1.738	0.709

HYDROLOGY TABLE - EXISTING CONDITIONS

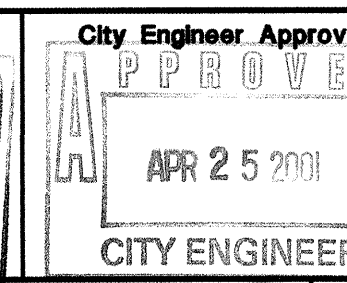
BASIN	AREA (ACRES)	PRECIPITATION 100-YR, 6-HOUR (INCHES)	TIME OF CONCENTRATION (HOURS)	AREA LAND TREATMENT B (ACRES)	AREA LAND TREATMENT D (ACRES)	EXCESS PRECIPITATION E, B (INCHES)	EXCESS PRECIPITATION E, D (INCHES)	FLOW Q 100 (CFS)	VOLUME V 100 (ACRE-FT)
0-1	0.0376	3.65	0.20	0.00	0.0376	1.08	2.64	0.198	0.099
0-2	0.0451	3.65	0.20	0.00	0.0451	1.08	2.64	0.240	0.121
0-3	0.1394	3.65	0.20	0.00	0.1394	1.08	2.64	0.732	0.368
A-1D	1.787	3.65	0.20	1.574	0.214	1.08	2.64	5.720	2.265
A-2D	1.979	3.65	0.20	1.864	0.115	1.08	2.64	6.047	2.317
A-3D	0.0966	3.65	0.20	0.0768	0.0197	1.08	2.64	0.328	0.135
A-4D	0.2120	3.65	0.20	0.1736	0.0379	1.08	2.64	0.706	0.288
A-5D	0.5190	3.65	0.20	0.4237	0.0953	1.08	2.64	1.738	0.709

HYDROLOGY TABLE - DEVELOPED CONDITIONS



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **ROSS ENCHANTED PARK
EXISTING & DEVELOPED DRAINAGE CONDITIONS**



City Project No.

6611.91

Zone Map No.

H-22

Sheet

4

Of

10

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

CONTRACTOR

WORK ORDER

DATE

DATE

DATE

DATE

DATE

DATE

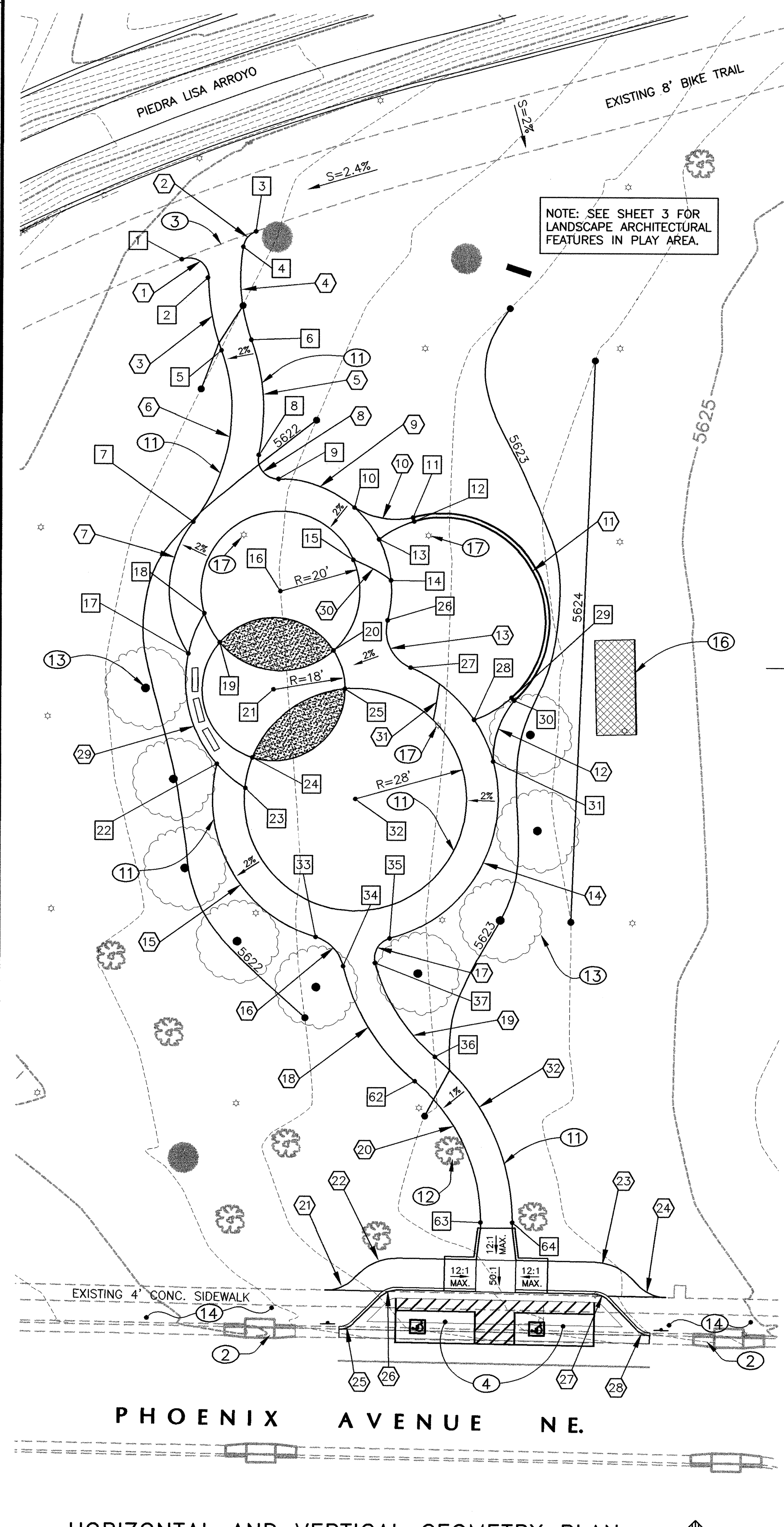
DATE

DATE

DATE

DATE

DATE



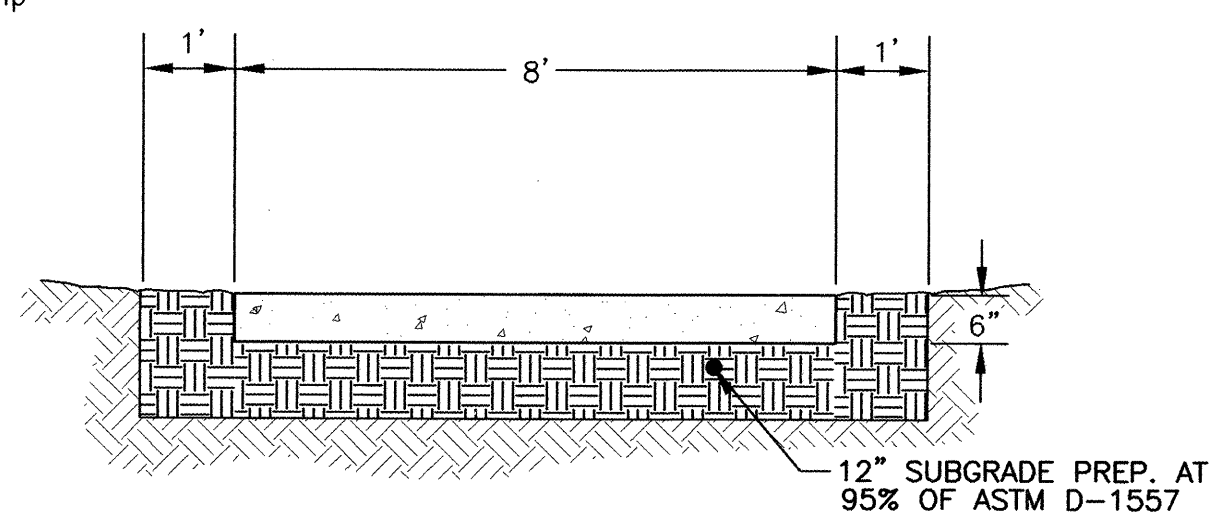
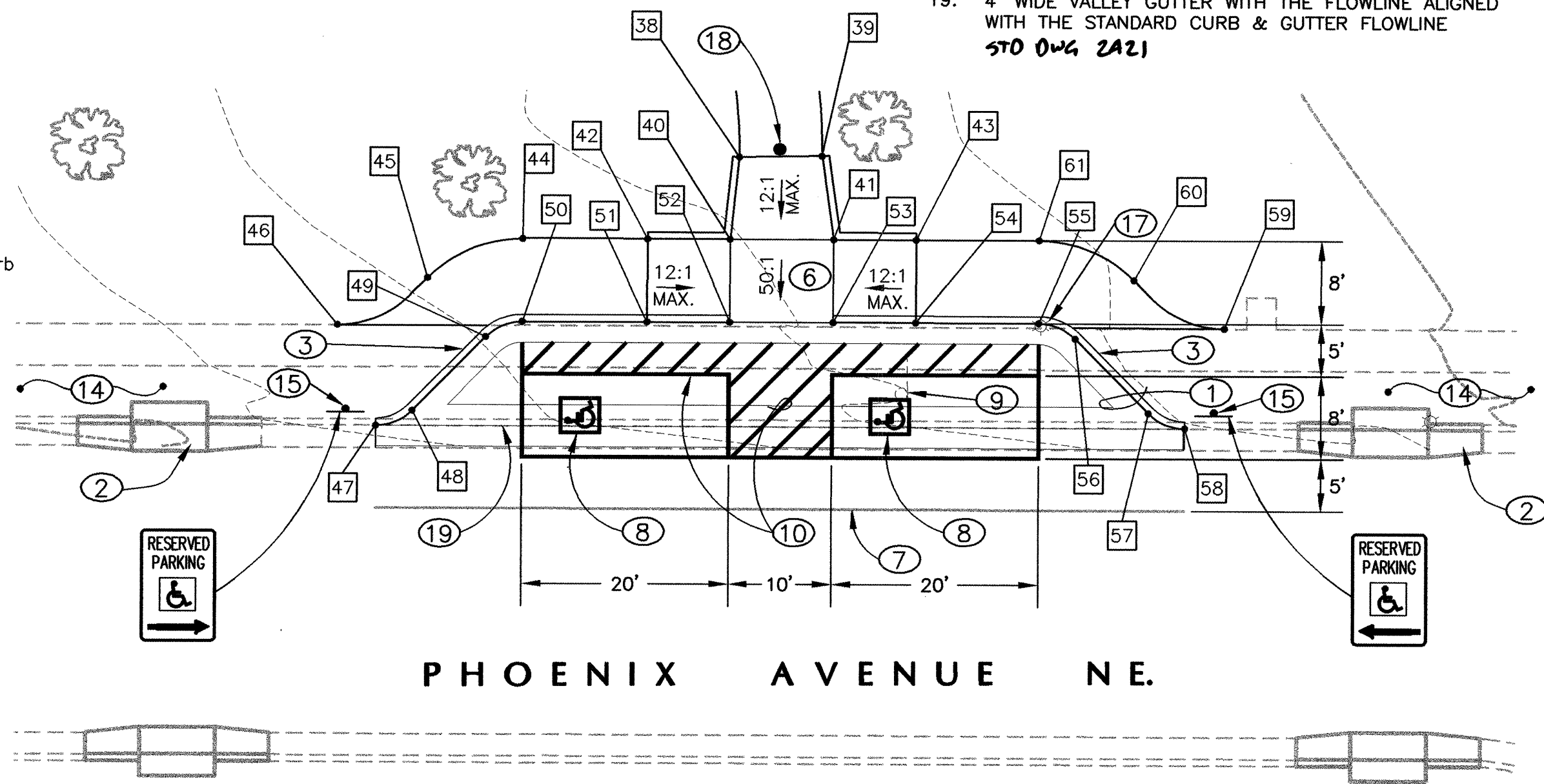
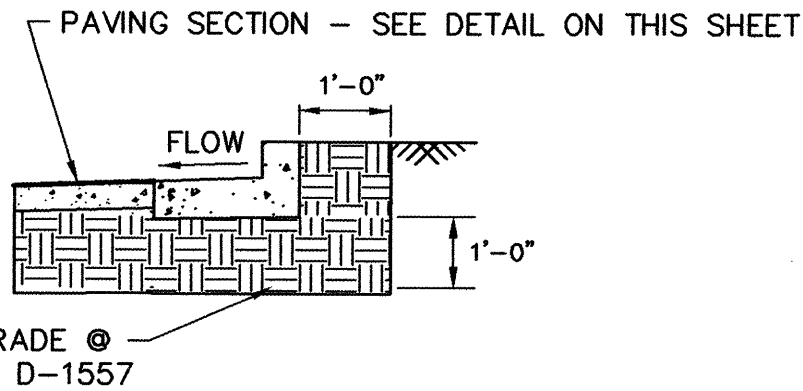
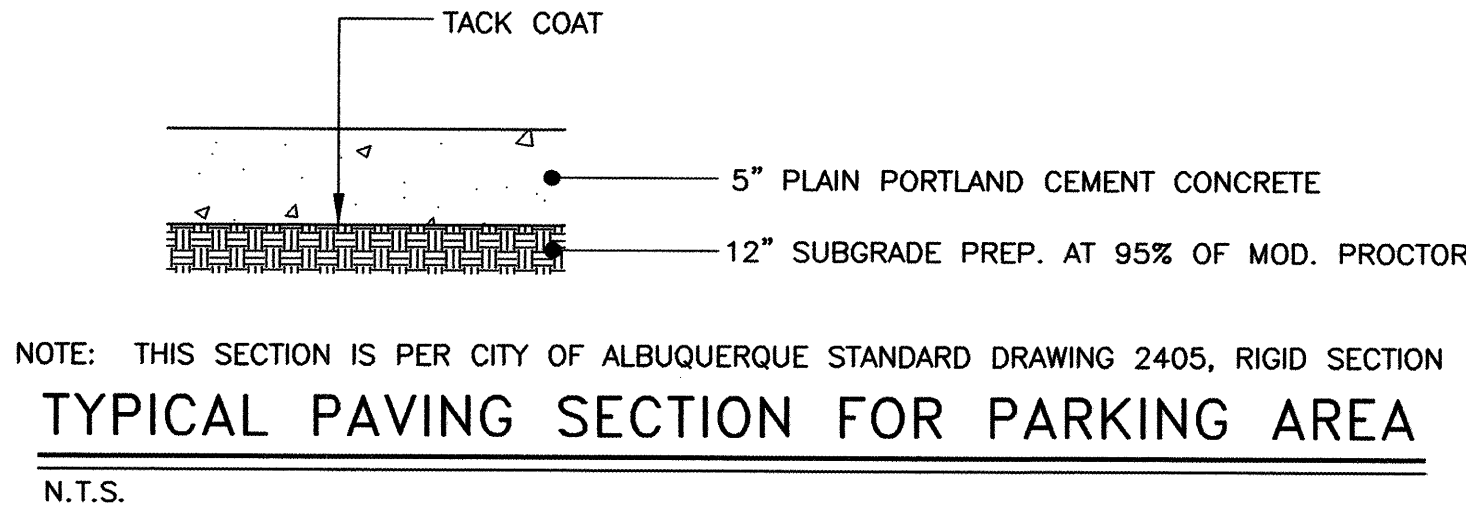
CURVE DATA

NUMBER	DELTA	TANGENT	RADIUS	ARC LENGTH
1	111°35'56"	7.36	5.00	9.74
2	60°56'23"	2.94	5.00	5.32
3	19°36'06"	9.50	55.00	18.82
4	29°09'05"	12.22	47.00	23.91
5	31°48'43"	15.10	53.00	29.43
6	57°55'14"	24.90	45.00	45.49
7	72°22'07"	20.48	28.00	35.36
8	103°13'45"	6.31	5.00	9.01
9	42°47'30"	10.97	28.00	20.91
10	43°01'19"	8.04	20.40	15.32
11	153°36'01"	110.85	26.00	69.70
12	41°10'19"	8.67	23.10	16.60
13	82°31'07"	8.77	10.00	14.40
14	91°25'49"	36.91	36.00	57.45
15	88°13'58"	34.92	36.00	55.45
16	60°28'13"	5.83	10.00	10.55
17	90°52'35"	5.08	5.00	7.93
18	36°49'54"	17.98	54.00	34.71
19	35°28'31"	14.71	46.00	28.48
20	50°29'41"	21.69	46.00	40.54
21	44°56'36"	4.14	10.00	7.84
22	45°00'00"	5.38	13.00	10.21
23	45°00'00"	5.38	13.00	10.21
24	44°59'52"	4.14	10.00	7.85
25	44°54'47"	2.07	5.00	3.92
26	45°00'00"	2.07	5.00	3.93
27	45°00'00"	2.07	5.00	3.93
28	44°58'46"	2.07	5.00	3.93
29	89°40'17"	31.93	32.11	50.26
30	19°23'20"	5.47	32.00	10.83
31	05°24'37"	4.58	96.94	9.15
32	50°29'41"	25.46	54.00	47.59

NODE DATA

NODE ID	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1496321.71	421277.51	5620.39±	PI Existing Sidewalk
2	1496317.09	421284.37	5620.67	PRC Sidewalk
3	1496328.82	421296.23	5620.80±	PI Existing Sidewalk
4	1496324.92	421292.99	5620.69	PCC Sidewalk
5	1496300.26	421287.09	5620.98	PRC Sidewalk
6	1496301.37	421295.16	5621.14	PRC Sidewalk
7	1496255.62	421280.74	5622.04	PRC Sidewalk
8	1496272.39	421297.16	5621.93	PRC Sidewalk
9	1496266.35	421302.16	5622.19	PRC Sidewalk
10	1496259.32	421321.34	5122.30	PRC Sidewalk
11	1496256.88	421336.10	5622.86	PRC Sidewalk
12	1496255.92	421336.38	5622.36	PRC Sidewalk
13	1496251.41	421327.55	5622.36	PI Sidewalk
14	1496241.16	421330.64	5622.36	PI Sidewalk
15	1496246.27	421321.15	5622.20	PI Sidewalk
16	1496238.36	421302.78	5622.20	Center Point
17	1496222.58	421279.65	5622.22	PI Sidewalk
18	1496232.69	421283.67	5622.20	PI Sidewalk
19	1496225.42	421287.53	5622.20	PI Sidewalk
20	1496223.52	421316.19	5622.20	PI Sidewalk
21	1496213.64	421301.14	5622.28	Center Point
22	1496194.78	421286.94	5622.18	PI Sidewalk
23	1496188.64	421294.15	5622.36	PI Sidewalk
24	1496196.43	421295.87	5622.36	PI Sidewalk
25	1496213.87	421319.14	5622.36	PI Sidewalk
26	1496231.09	421329.82	5622.36	PRC Sidewalk
27	1496219.26	421335.65	5622.36	PRC Sidewalk
28	1496206.16	421351.70	5622.36	PI Sidewalk
29	1496211.76	421361.14	5622.36	End Concrete Curb
30	1496211.03	421361.82	5622.86	End Header Top of Curb
31	1496195.67	421356.53	5622.39	PRC Sidewalk
32	1496186.00	421321.86	5622.36	Center Point
33	1496151.37	421312.02	5622.38	PRC Sidewalk
34	1496144.12	421319.00	5622.46	PRC Sidewalk
35	1496151.10	421330.65	5622.45	PRC Sidewalk
36	1496121.38	421342.21	5622.89	PRC Sidewalk
37	1496144.95	421327.05	5622.51	PCC Sidewalk
38	1496075.22	421353.86	5623.46	Begin Sidewalk Ramp & Header Curb
39	1496075.22	421361.86	5623.54	Begin Sidewalk Ramp & Header Curb
40	1496067.31	421362.73	5622.19	PI Header Curb, PVI Sidewalk Ramp
41	1496067.14	421362.73	5622.51	PI Header Curb, PVI Sidewalk Ramp
42	1496067.44	421344.73	5622.58	End Sidewalk Ramp & Header Curb
43	1496067.01	421370.72	5623.17	End Sidewalk Ramp & Header Curb
44	1496067.53	421339.14	5622.08	PT Sidewalk
45	1496064.56	421324.21	5621.87	PRC Sidewalk
46	1496062.58	421314.28	5621.58±	PI Existing Sidewalk
47	1496058.58	421314.22	5620.74±	PC Curb & Gutter
48	1496053.06	421307.30	5620.87	PT FL Curb & Gutter
49	1496057.30	421323.16	5621.20	PC FL Curb & Gutter
50	1496058.43	421323.80	5621.33	PT FL Curb & Gutter
51	1496061.53	421339.04	5621.75	PI FL Curb & Gutter - Top of Ramp
52	1496061.31	421352.63	5622.03	PI FL Curb & Gutter - Bottom of Ramp
53	1496061.14	421362.63	5622.35	PI FL Curb & Gutter - Bottom of Ramp
54	1496060.92	421376.21	5622.61	PI FL Curb & Gutter - Top of Ramp
55	1496056.16	421391.94	5622.99	PC FL Curb & Gutter
56	1496057.24	421391.46	5623.27	PT FL Curb & Gutter
57	1496051.40	421407.69	5623.30	PC Curb & Gutter
58	1496057.09	421401.08	5623.34±	Match Existing Curb & Gutter
59	1496061.09	421401.14	5624.53±	Match Existing Sidewalk
60	1496063.42	421391.21	5624.14	PRC Sidewalk
61	1496068.92	421376.31	5623.65	PC Sidewalk
62	1496115.21	421337.12	5622.81	PRC Sidewalk
63	1496079.72	421353.86	5623.44	PT Sidewalk
64	1496079.72	421361.86	5623.52	PT Sidewalk

± = MATCH EXISTING GRADE IF DIFFERENT THAN ELEVATION SHOWN



KEYED NOTES:

- DEPRESSED CURB & GUTTER PER CITY OF ALBUQUERQUE STANDARD DRAWING 2415, PAINTED BLUE.
- EXISTING STORM DRAIN INLET TYPE DOUBLE 'C' TO REMAIN UNDISTURBED DURING CONSTRUCTION.
- MATCH EXISTING SIDEWALK WITH NEAT, CLEAN CUT EDGE WITH EXPANSION JOINT MATERIAL.
- HANDICAPPED PARKING AREA, SEE DETAIL THIS SHEET.
- NOT USED
- CONSTRUCT CONCRETE SIDEWALK & HANDICAP RAMP PER CITY OF ALBUQUERQUE STANDARD DRAWINGS & DETAILS PROVIDED ON THIS SHEET.
- OUTER EDGE OF EXISTING ON-STREET PARKING.
- INSTALL CITY OF ALBUQUERQUE STANDARD HANDICAP PAVEMENT MARKINGS, WHITE BORDER & SYMBOL, ON BLUE BACKGROUND.
- REMOVE AND RELOCATE EXISTING SIGN - SEE LANDSCAPING PLANS.
- INSTALL A TOTAL OF 164 LF OF 4\"/>
- NEW CONCRETE PATH SEE SECTION ON THIS SHEET.
- ALL EXISTING TREES AND SHRUBS SHALL REMAIN UNDISTURBED DURING CONSTRUCTION.
- SEE LANDSCAPING PLAN FOR NEW PLANTINGS.
- EXISTING GRAVEL AREA.
- INSTALL CITY OF ALBUQUERQUE HANDICAP SIGN. SEE DETAIL BELOW. THESE SIGNS SHALL BE MOUNTED ON A POST WITH BASE AT COA STANDARD HEIGHTS.
- EXISTING SOCCER GOAL TO REMAIN UNDISTURBED DURING CONSTRUCTION.
- EXISTING SPRINKLER HEAD TO BE RELOCATED SEE LANDSCAPING PLANS.
- INSTALL REMOVABLE BOLLARD PER CITY OF ALBUQUERQUE STANDARD DRAWING 2250(COA STD).
- 4\"/>



FOR INFORMATION ONLY

101105
Smith Engineering Company
A Full Service Engineering Company
6000 Highway 200, N.E. Suite 2000 Albuquerque, New Mexico 87110

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **ROSS ENCHANTED PARK**
HORIZONTAL / VERTICAL GEOMETRY PLAN AND DETAILS

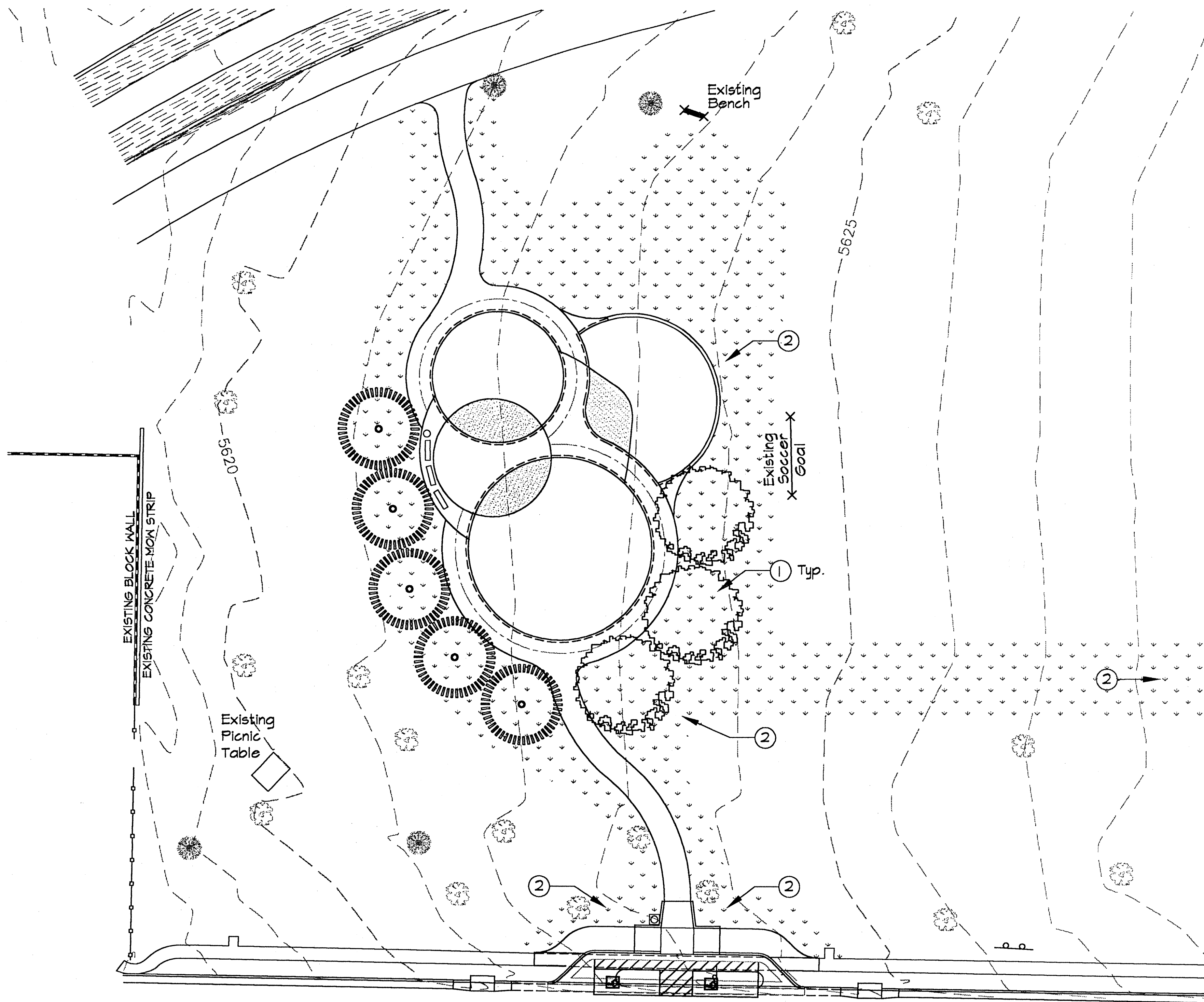
APPROVED
APR 25 2001
DESIGN REVIEW COMMITTEE

APPROVED
APR 25 2001
CITY ENGINEER

DESIGNED BY: CPI
DRAWN BY: CPI / SEC
CHECKED BY: SEC

DATE: 03/01
DATE: 03/01
DATE: 03/01

City Project No. **6611.91** Zone Map No. **H-22** Sheet **5** Of **10**



PHOENIX AVENUE NE

- GENERAL LANDSCAPE NOTES
- 1. Prior to beginning work on the project, the Landscape Contractor shall review the project in the field with the Owner's Representative.
 - 2. If discrepancies occur between the drawings and the site, the Landscape Contractor shall notify the Owner's Representative for clarification prior to proceeding on that portion of work.
 - 3. All planting areas are to have weeds and competitive vegetation removed prior to preparation for planting.
 - 4. All existing plant materials shall be protected during construction. Damaged materials shall be replaced in kind at the Contractor's expense.
 - 5. Plant quantities are provided for Contractor's convenience only, plans shall take precedence.
 - 6. The Owner's Representative shall approve all plant material prior to planting. In addition, the Owner's Representative reserves the right to refuse any plant material deemed unacceptable. The Owner's Representative is to approve any and all substitutions. Contact Jeff Hart, Park Management Division Urban Forester, at 857-8650 for plant inspections.
 - 7. It is the Landscape Contractor's responsibility to locate all underground utilities prior to commencement of planting operations. Verify depth prior to construction.
 - 8. Planting installation shall be in accordance with all City of Albuquerque standard specifications (Section 1005 - Planting) and COA details 2710 and 2714. Mulch shall be per construction note #1, not as noted in COA details.

- LANDSCAPE CONSTRUCTION NOTES
- ① Install a 4" depth, 6' diameter bark mulch ring at all new trees in turf areas.
 - ② Sod the turf areas disturbed due to construction, including areas disturbed by trenching for irrigation lines.

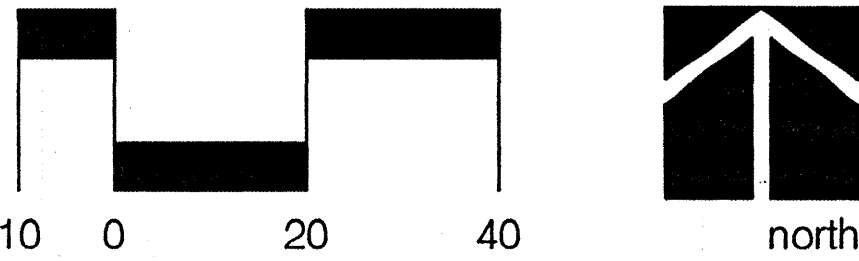
PLANT LEGEND

Quantity	Symbol	Scientific Name Common Name	Size	Installed Size & Remarks
<u>Trees</u>				
3		Gleditsia triacanthos inermis 'Imperial' Imperial Honey Locust	24" box	2"-2 1/2" cal., 12'-14' ht., 6' min. sprd.- plant at 30' o.c.
5		Pinus Nigra Austrian Pine	B&B	2" cal., 7'-9' ht., 4' min. sprd.- plant at 25' o.c.

FOR INFORMATION ONLY

FOR INFORMATION ONLY

scale 1"= 20'-0"



CONSENSUS PLANNING, INC.
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
e-mail: cp@consensusplanning.com

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: ROSS ENCHANTED PARK PLAY AREA
PLANTING PLAN, LEGEND & NOTES

DESIGN REVIEW COMMITTEE

APPROVED

APR 23 2001

CITY ENGINEER APPROVAL

APPROVED

APR 23 2001

Last Design Update

DATE

BY

DESIGNED BY	CG	DATE	4/18/01
DRAWN BY	WMA	DATE	4/18/01
CHECKED BY	CG	DATE	4/18/01

City Project No. 661191

Zone Map No. H-22-Z

Sheet 7 of 10

ENGINEERS SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		FIELD NOTES					
		NO.	BY	DATE		CONTRACTOR	
						WORK	DATE
						STARTED BY	DATE
						ACCEPTANCE BY	DATE
						VERIFICATION BY	DATE
						DRAWINGS	DATE
						CORRECTED BY	DATE
						MICRO-FILM INFORMATION	DATE
						RECORDED BY	DATE
						NO.	

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADING PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SET-UP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. ALL WORK IN ARTERIAL ROADWAYS SHALL BE ON A CONTINUOUS 24-HOUR PER DAY BASIS UNTIL COMPLETED.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELLED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 48-HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

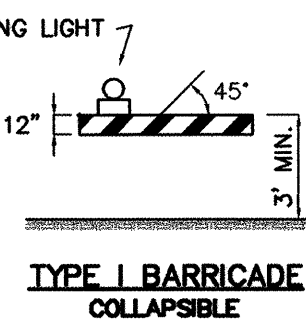
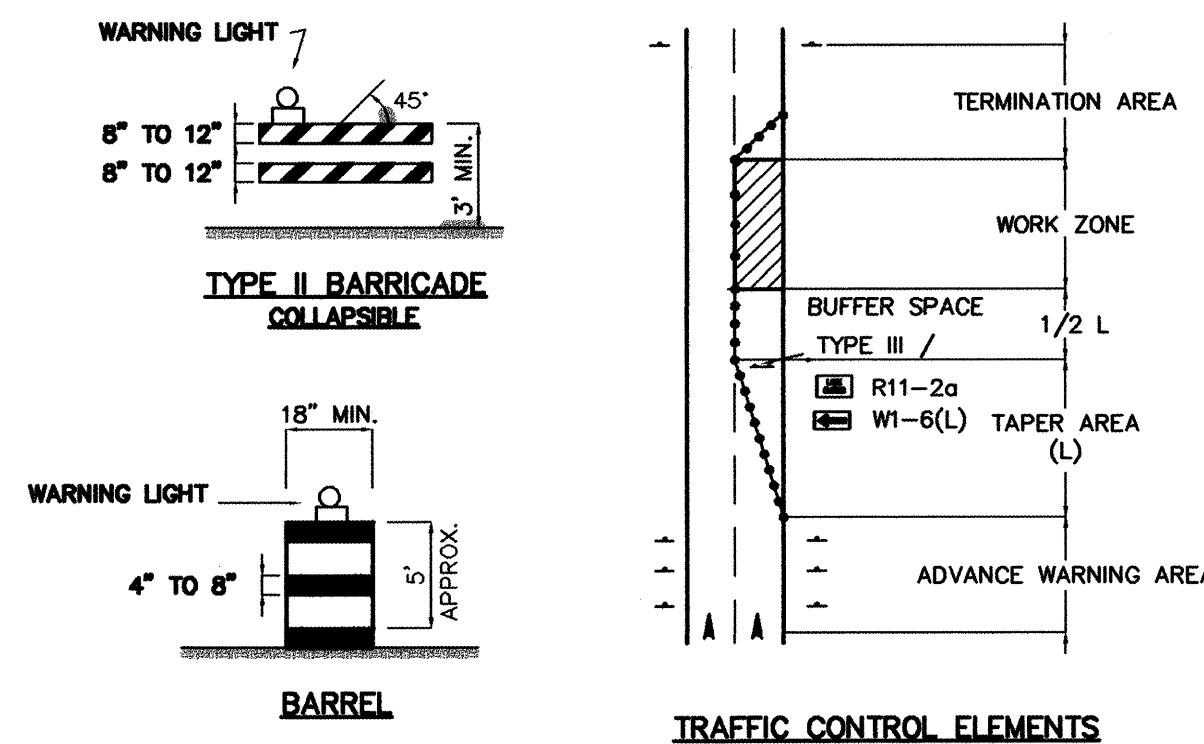
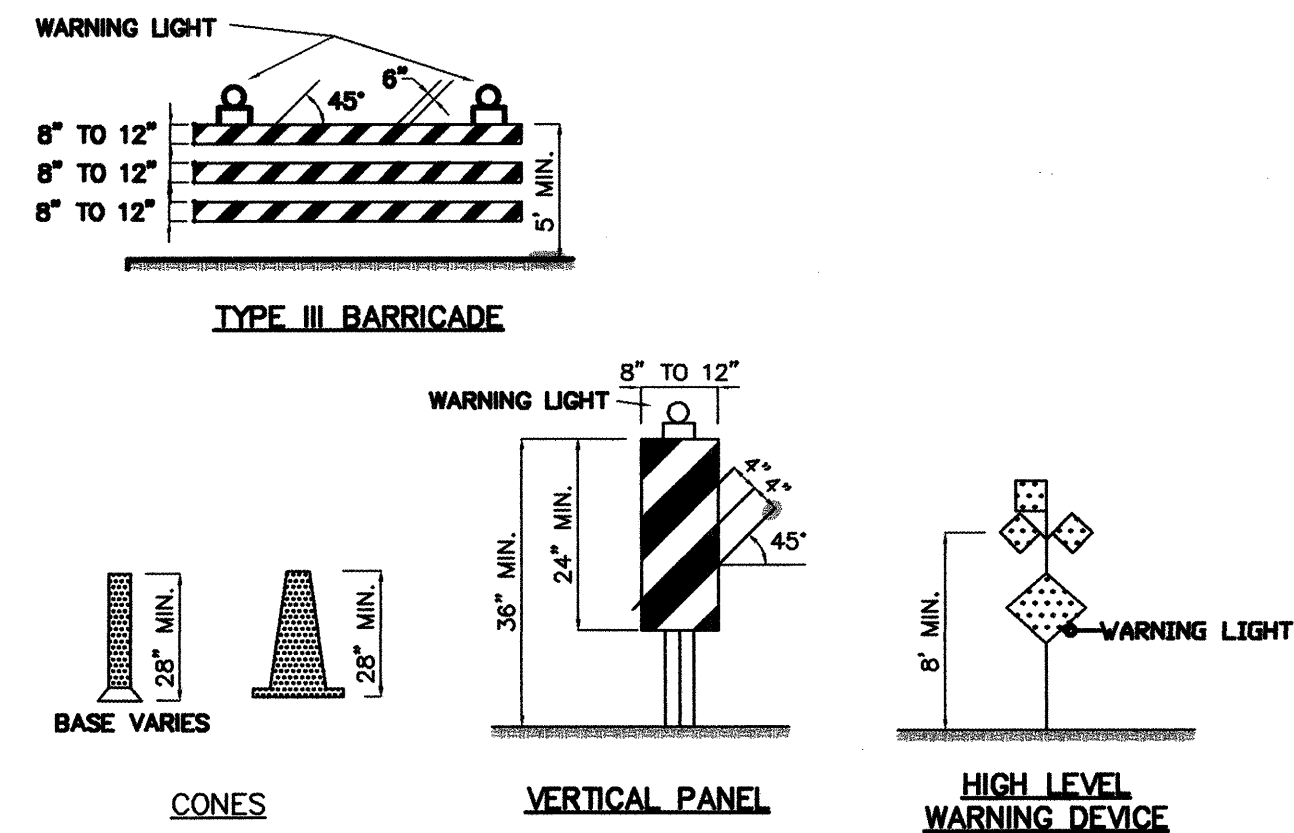
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

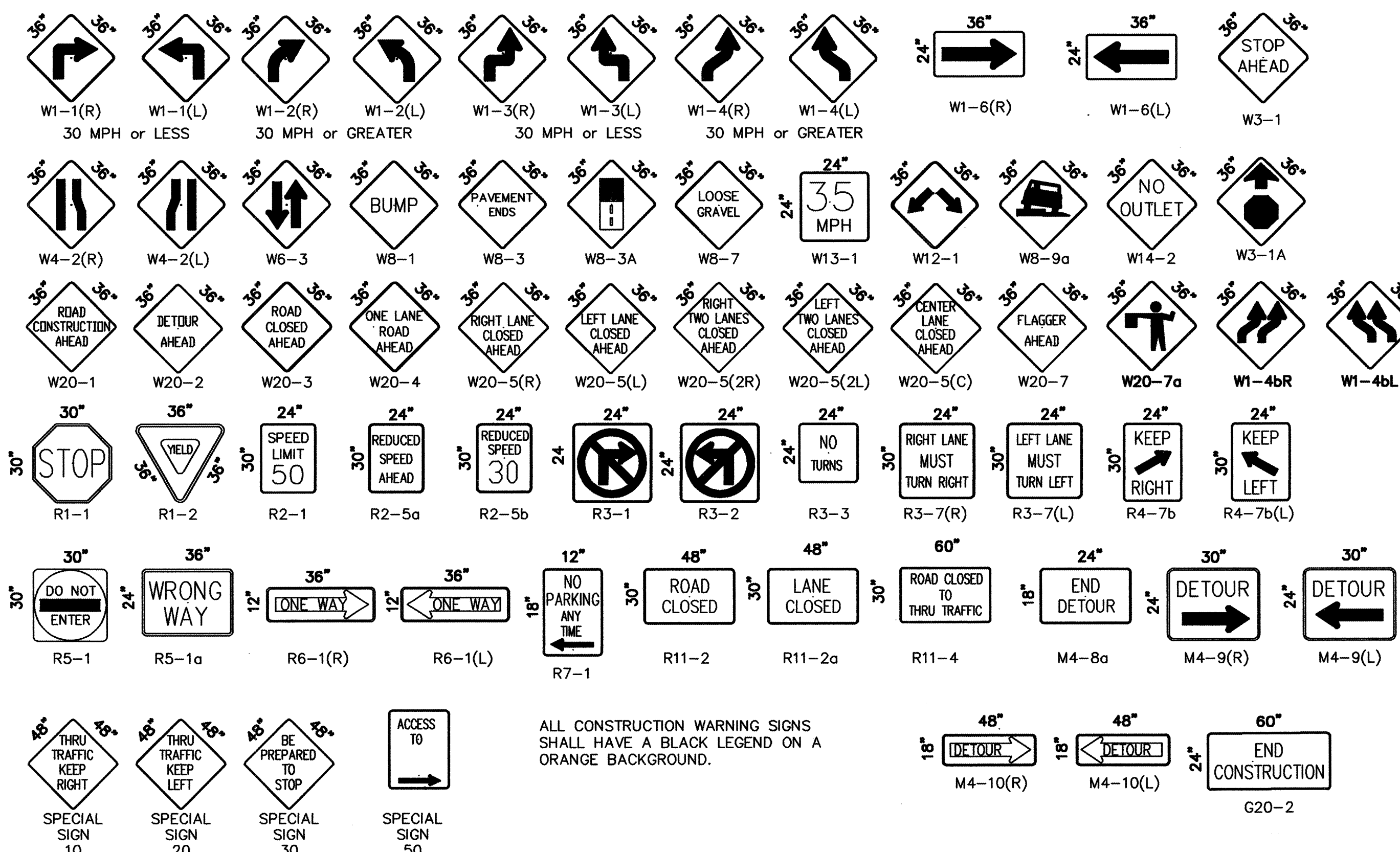
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48-INCH SIGN AS INDICATED IN THE MUTCD.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.



SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON A ORANGE BACKGROUND.

LEGEND:

- TRAFFIC FLOW
- TRAFFIC CONTROL WARNING SIGN
- TRAFFIC CONTROL BARREL
- TRAFFIC CONTROL TYPE III BARRICADE
- EXISTING CURB-AND-GUTTER
- EXISTING STRIPING
- ONSITE CONSTRUCTION ZONE
- VERTICAL PANEL SIGN W/ SUPPORT
- ARROW BOARD

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET	
	BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

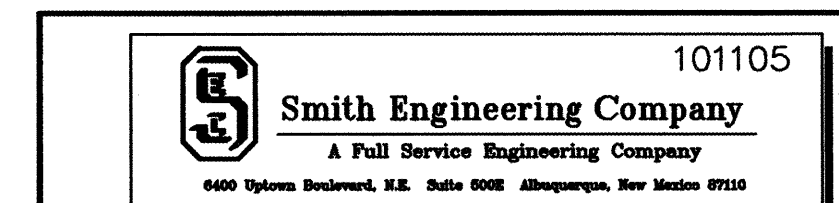
TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

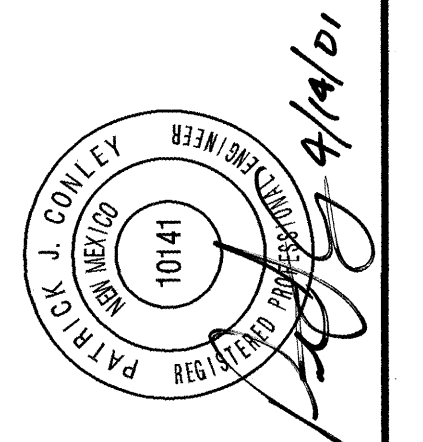
SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR GREATER	$L = W \times S$
L = TAPER LENGTH	
W = WIDTH OF OFFSET IN FEET	
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH	

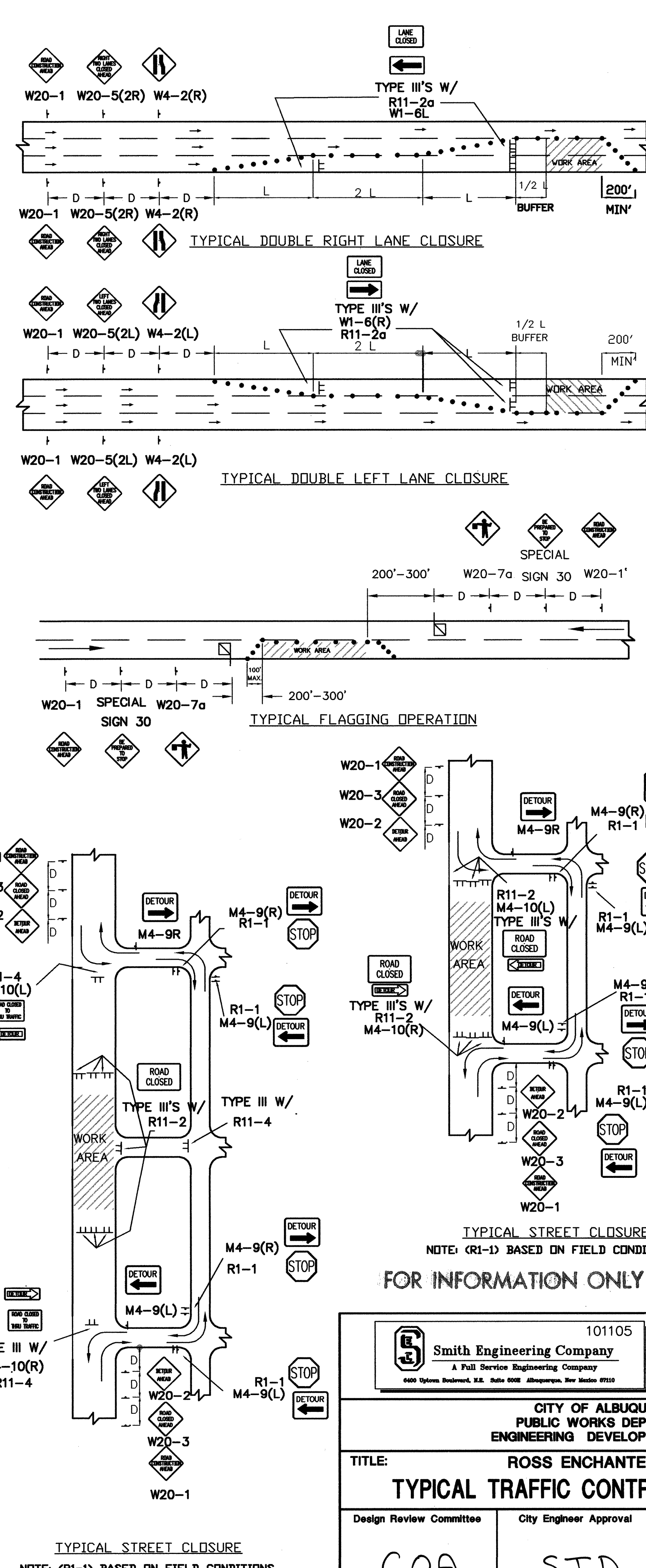
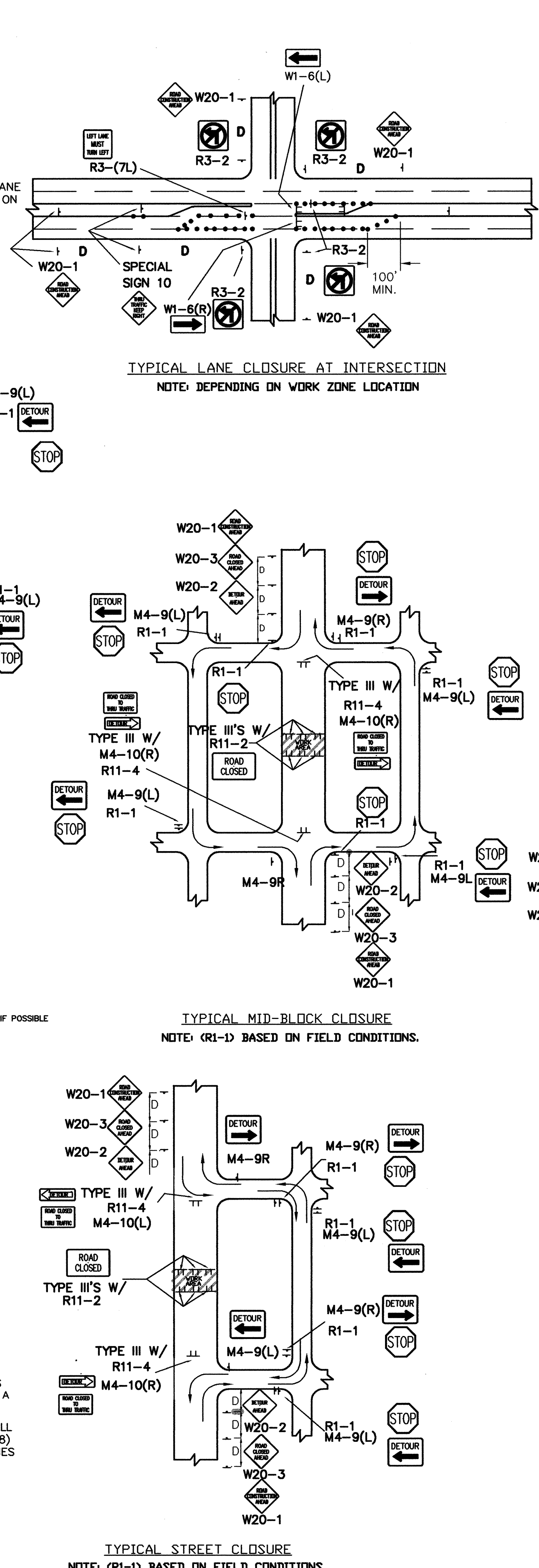
FOR INFORMATION ONLY



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: ROSS ENCHANTED PARK	
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS	
Design Review Committee	City Engineer Approval
COA	STD
City Project No.	Zone Map No.
6611.91	H-22
Sheet	Of
9	10

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEERS SEAL	
CONTRACTOR	DATE	C.O.A. BENCHMARK "10-H22"	DATE	NO.	BY	REMARKS	DATE
WORK PERFORMED BY	DATE	THE BENCHMARK IS LOCATED 8.1 MILES EAST OF DOWNTOWN ALBUQUERQUE, AT THE INTERSECTION OF LEXINGTON AVE. NE & JUAN TABO BLVD. NE. 45' SOUTH OF THE CENTERLINE OF LEXINGTON, IN THE NOSE OF THE MEDIAN.	DATE	10141	JOSEPH FROM: COMMUNITY SCIENTIST CORP.	REVISIONS	DATE
INSPECTOR'S ACCEPTANCE BY	DATE	ELEVATION = 5611.101	DATE			DESIGN	DATE
VERIFICATION BY	DATE	GROUND COORDINATES: N = 1496557.28 E = 420728.75	DATE				DATE
DESIGNED BY	DATE	GROUND-TO-GRID FACTOR: 0.9996388	DATE				DATE
DRAWN BY	DATE		DATE				DATE
CHECKED BY	DATE		DATE				DATE



[illegible]