CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT

ROSS ENCHANTED PARK PLAY AREA 2519 Algodones St. NE

SHEET INDEX

SHEET NO.

EET 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 STANDA
10	TYPICAL TRAFFIC CONTROL AND SIGNING



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	VICINITY MAP	
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	·	
	GRAPHIC SCALE	
•	MAP NO. H-22-Z	BRENTWOOD

UTILITY COMPANY CONTACTS

Por infronten en la c

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

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

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

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

CALL BEFORE YOU DIG! STATEWIDE 1-800-321-ALERT ALBUQUERQUE 260-1990

С	US WEST Co Cathy Schneide 201 Third Stre		TIONS			-		:
S A	Suite 700	New Mexico 8	7102			CONSENSUS	CONSENSUS PLANNING, Planning / Landscape Arch 924 Park Avenue SW Albuquerque, NM 87102 (505) 764–9801 Fax 842 e-mail: cp G consensusplann	2—5495
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			PROJEC	T NUME	BER 661191		SHEET 1 OF 1	0

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1	FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY CONSTRUCTION COORDINATION DIVISION. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE	21	ALL WATER VALVES AND TO THE C.O.A.
	CONTRACTOR WILL ÓBTAIN A BÀRRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768– 2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.	22	MINIMUM BOTTOM WIDTH OUTSIDE DIAMETER PLUS UNLESS OTHERWISE SPECI
2	THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE FIELD ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE	23	MINIMUM BOTTOM WIDTH (THE OUTSIDE DIAMETER P
	CONTRACTOR WILL NOTIFY THE ENGINEER IF A MONUMENT IS DISTURBED. REPLACEMENT WILL BE DONE ONLY BY THE CITY SURVEY SECTION. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR WILL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF SPECIFICATIONS.	24	THE CONTRACTOR AGREES BY FEDERAL, STATE AND VEHICULAR TRAFFIC IN TH LIMITED TO: MAINTAINING GUARD FENCES, WALKS A
3	THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE	25	ALL STRUCTURAL CONCRE
	STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1994 EDITION, UPDATE NO.6.	26	ALL REINFORCING STEEL
4	ALL NEW MANHOLES SHALL BE TYPE "E" (COA DWG. 2102) UNLESS OTHERWISE NOTED ON THE PLANS.	27 28	ALL EXPOSED EDGES ON CHAMFER UNLESS OTHER
5	THE CONTRACTOR WILL BE RESPONSIBLE FOR DISPOSING OF ALL DEBRIS, INCLUDING, BUT NOT LIMITED TO HAZARDOUS WASTE AT DISPOSAL SITES APPROVED BY GOVERNMENTAL AGENCIES REGULATING THE DISPOSAL OF SUCH MATERIALS.		OTHERWISE NOTED.
6	ALL WATER VALVE BOXES AND MANHOLES IN THE STREET CONSTRUCTION ARE TO BE ADJUSTED TO FINISH GRADE AND WILL BE MEASURED AND PAID PER EACH.	29	PRIOR TO CONSTRUCTION, HORIZONTAL AND VERTICA CONFLICT EXIST BETWEEN CONTRACTOR WILL NOTIFY
7	SUBGRADE PREPARATION UNDER SIDEWALKS AND DRIVE PADS, AND SUBGRADE AND SUBBASE PREPARATION UNDER CURB AND GUTTER IS CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH, AND NO DIRECT PAYMENT SHALL BE MADE FOR	30	RESOLVED WITH MINIMUM THE REPLACEMENT OF TH UTILITY LINES WILL BE CO
8	THOSE ITEMS OF WORK. THE WATER SYSTEMS DIVISION (857-8200) WILL BE NOTIFIED BY THE CONTRACTOR FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER FACILITIES. REFER TO SECTION 18 OF SPECIFICATIONS.		WORK. TEMPORARY PAVE THE UTILITY REPLACEMENT THE FINAL PAVEMENT WO CONTRACTOR'S RESPONSIE WILL BE AT THE CONTRAC
9	ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.	31	TACK COAT FOR SURFACE CITY FIELD ENGINEER.
10	ALL SIGNS AND CODING WILL BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" CURRENT EDITION PUBLISHED BY THE U.S. DEPARTMENT OF TRANSPORTATION.	32	THE CONTRACTOR WILL C 764–1599, ONE (1) WEEK SIGNALIZATION OF THIS P
11	THE CONTRACTOR IS TO EXERCISE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT WILL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION. SEE SECTION 18 "UTILITIES", CITY OF ALBUQUERQUE, STANDARD SPECIFICATIONS	33	SIGNALIZATION SHALL BE ALL NEW STREET PAVING, ABUTTING EXISTING AREAS
12	FOR CONTRACTOR REQUIREMENTS. WHEN ABUTTING NEW PAVEMENT TO EXISTING INTERSECTING STREETS, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AND AT RIGHT ANGLES AND REMOVE ANY BROKEN OR CRACKED PAVEMENT. NO DIRECT PAYMENT WILL BE MADE FOR SAW CUTTING.	34	PERMANENT PAVEMENT S CONTRACTOR. ROAD SHA ALL STRIPING, PAVEMENT MARKINGS ARE TO BE CO ACCORDANCE WITH THE M
13	ALL GAS VALVES, GAS MANHOLES, ELECTRICAL MANHOLES, TELEPHONE MANHOLES, AND UTILITY POLES WILL BE ADJUSTED TO GRADE BY EACH UTILITY COMPANY. CONTRACTOR WILL COORDINATE THROUGH CITY UTILITY COORDINATOR.	35	ALL EXCAVATED MATERIAL FROM THE PROJECT AREA BE ALLOWED ONLY AS DIF
14	WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST SUITABLE JOINT UNLESS OTHERWISE DIRECTED BY THE CITY FIELD ENGINEER.	36	THE CONTRACTOR WILL CO OTHER CONTRACTORS AND CONTRACTOR MAY BE REC UTILITY CREWS TO PERFOR
15	THE CONTRACTOR WILL NOTIFY THE UTILITY COMPANIES BY CALLING NEW MEXICO ONE CALL SYSTEM 260–1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.		COMPENSATION WILL BE A UTILITY COMPANY WORK (AS DELINEATED IN CITY C
16	CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE CITY AT ALL TIMES.	37	ALL CONSTRUCTION EASE OBTAINED BY THE CONTRA
17	CONTRACTOR WILL PLACE BITUMINOUS MATERIAL WITH THE USE OF A LAYDOWN MACHINE WHERE PAVEMENT IS 8 FEET IN WIDTH OR WIDER.	38	EXISTING MEDIAN CURB A DISTURBED BY CONTRACT BADLY BROKEN AND/OR I
18	ALL SUBGRADE AND SUBBASE MATERIAL ENCOUNTERED IN PAVEMENT REMOVAL AND REPLACEMENT THAT IS DETERMINED BY THE FIELD ENGINEER TO MEET THE SPECIFICATIONS, CAN BE REUSED. HOWEVER, THE MATERIAL WILL BE PROCESSED AND COMPACTED TO MEET MOISTURE CONTENT AND PERCENT COMPACTION REQUIRED BY THE SPECIFICATIONS.	39	CITY FIELD ENGINEER AND ALL TRAFFIC CONTROL DE CONSTRUCTION OR FOR O WILL BE FURNISHED BY TI
19	CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, ETC. WITHOUT PRIOR APPROVAL FROM THE CITY FIELD ENGINEER.		THE TECHNICAL SPECIFICA TRAFFIC CONTROL DEVICE IN ACCORDANCE WITH THE TO PROVIDE ACCESS TO F
20	CONTRACTOR WILL CONFINE HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY, OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO THE CITY OF ALBUQUERQUE.		SPECIFICATIONS.

LOCAL SUF	RVEY CON	TROL INFO	ORMATION
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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

D FIRE HYDRANTS REMOVED TO BE SALVAGED AND RETURNED

- OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE S 16 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV CIFICALLY NOTED ON THE PLANS.
- OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.
- EES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED ID LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT NG ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, AND BRIDGES.
- CRETE TO BE 4000 PSI UNLESS OTHERWISE NOTED ON PLANS. TO BE GRADE 60.
- N CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" ERWISE NOTED.
- RCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS
- ON. THE CONTRACTOR WILL EXCAVATE AND VERIFY THE CAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A EN THE FIELD INFORMATION AND THE PLANS. THE FY THE CITY FIELD ENGINEER SO THE CONFLICT CAN BE M AMOUNT OF DELAY.
- THE EXISTING UTILITIES AND THE INSTALLATION OF NEW COMPLETED IN ADVANCE OF STARTING THE PAVEMENT VEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR ENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE SIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING ACTOR'S EXPENSE.
- ACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE
- CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION EK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC E THE RESPONSIBILITY OF THE CONTRACTOR.
- IG, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, EAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
- STRIPING AND MARKINGS WILL BE PLACED BY THE HALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPED. NT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- RIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED EA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL DIRECTED BY THE CITY FIELD ENGINEER.
- COORDINATE THE CONSTRUCTION ACTIVITIES WITH ALL AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW FORM THEIR REQUIRED WORK. NO ADDITIONAL ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY CREWS. A CONTRACT EXTENSION MAY BE ALLOWED OF ALBUQUERQUE STANDARD SPECIFICATIONS.
- SEMENTS ON PRIVATE PROPERTY WILL BE TRACTOR PRIOR TO THE BEGINNING OF CONSTRUCTION.
- AND GUTTER AND STANDARD CURB AND GUTTER. NOT TOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE ND PAID FOR AT CONTRACT UNIT PRICES.
- DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS THE CONTRACTOR AND WILL BE PAID AS SPECIFIED IN CATIONS AND BID PROPOSAL. PRIOR TO PLACING THE CES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS PROPERTIES. REFER TO SECTION 19 OF THE

- 40 ALL UTILITY LINES WHICH ARE NOT SPECIFICALLY DESIGNATED TO BE REMOVED AND REPLACED ON THE PLANS, WILL BE MAINTAINED IN SERVICE. SHORING, SHEETING AND OTHER MEANS OF SUPPORT SHALL BE EMPLOYED BY THE CONTRACTOR TO PREVENT DAMAGE OR LOSS OF THESE EXISTING UTILITIES. BEAM AND CABLE OR OTHER ADEQUATE SUPPORTS WILL BE USED FOR TEMPORARY SUPPORT OF ALL UTILITY LINES WHICH CROSS THE TRENCH. ANY DAMAGE TO EXISTING UTILITIES WILL PROMPTLY BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR WILL NOTIFY THE ENGINEER IMMEDIATELY OF ANY SIGNIFICANT DEVIATION OF EXPOSED UTILITIES FROM THE LOCATIONS SHOWN ON THE PLANS SO THAT CONFLICTS CAN BE RESOLVED IN A TIMELY MANNER.
- THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING 41 COA INFRASTRUCTURE (C & G, PAVING, ETC.) DURING CONSTRUCTION, APART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS, AND WILL REPAIR OR REPLACE SAME AT HIS OWN EXPENSE. HE WILL SUITABLY PROTECT THE CURB AND GUTTER FROM INCIDENTAL SPLASHING DURING THE TACK COAT APPLICATION AND WILL BE RESPONSIBLE FOR CLEANING SAME AT HIS OWN COST SHOULD SPLASHING OCCUR.
- 42 ALL INTERFERING PORTIONS OF ABANDONED UTILITY LINES WHICH ARE EXPOSED AS A RESULT OF CONSTRUCTION WILL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- 43 STATIONS OF STORM DRAIN INLETS ARE TO THE CENTER OF GRATE. ALL STORM DRAIN INLETS WILL BE TYPE "A" UNLESS OTHERWISE NOTED ON THE PLANS.
- 44 SHORING COSTS WILL BE CONSIDERED INCIDENTAL TO THE TRENCH AND BACKFILL COSTS.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED 45 BY APPLICABLE CITY, STATE, AND FEDERAL REGULATIONS.
- 46 ALL STORM DRAIN AND CONNECTOR PIPE WILL BE CLASS IV REINFORCED CONCRETE PIPE UNLESS OTHERWISE NOTED ON THE PLANS.
- 47 THE TERM REMOVE USED IN THIS PLAN SET INCLUDES THE DISPOSAL OF SAID MATERIAL IN ACCORDANCE WITH CITY OF ALBUQUERQUE SPECIFICATIONS, LATEST EDITION.
- 48 CONTRACTOR WILL SURVEY AND LOG EXISTING ELEVATIONS OF CURB-AND-GUTTER, SIDEWALK, AND PAVEMENT WHICH WILL BE REMOVED FOR CONSTRUCTION OF IMPROVEMENTS. CONTRACTOR WILL REPLACE REMOVED CURB-AND-GUTTER, SIDEWALK, DRIVE PADS, AND PAVEMENT TO ELEVATIONS PRIOR TO REMOVAL UNLESS OTHERWISE INDICATED ON THE PLANS.
- CONTRACTOR WILL CONSTRUCT TEMPORARY ASPHALT PAVEMENT AS DIRECTED BY THE 49 COA ENGINEER TO PROVIDE ACCESS TO LOCAL BUSINESS, ETC. TEMPORARY PAVEMENT SHALL BE REMOVED AND DISPOSED OF PRIOR TO PLACEMENT OF FULL WIDTH PAVEMENT SECTION. TEMPORARY PAVING SHALL BE PER COA STD. DWG. 2415 AND PAID FOR PER COA STD. SPECIFICATIONS.
- 50 ALL CLASSES OF SEEDING SHALL BE DRY LAND MIX PLACED AT 1.5 LBS/1000 S.F. WITH FERTILIZER 21-12-12 PLACED AT 5 LBS/1000 S.F.
- PRE-WETTING OF THE EMBANKMENT FOUNDATION AND KEY TRENCH SHALL BE 51 CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF THE EMBANKMENT. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK.
- 52 ALL ASPHALTIC CONCRETE SHALL BE MINIMUM 1800 LB. STABILITY AND COMPACTED TO 95% MODIFIED MARSHALL DENSITY UNLESS OTHERWISE NOTED ON THE PLANS.
- 53 ALL RIP-RAP MATERIAL USED ON THIS PROJECT SHALL BE A NATURAL ROCK MATERIAL CONFORMING TO THE SIZE AND MATERIAL PROPERTY REQUIREMENTS SET FORTH IN THE COA STANDARD SPECIFICATIONS. NO BROKEN CONCRETE OR RUBBLE WILL BE ACCEPTED.

EXISTING FEATURES LEGEND:

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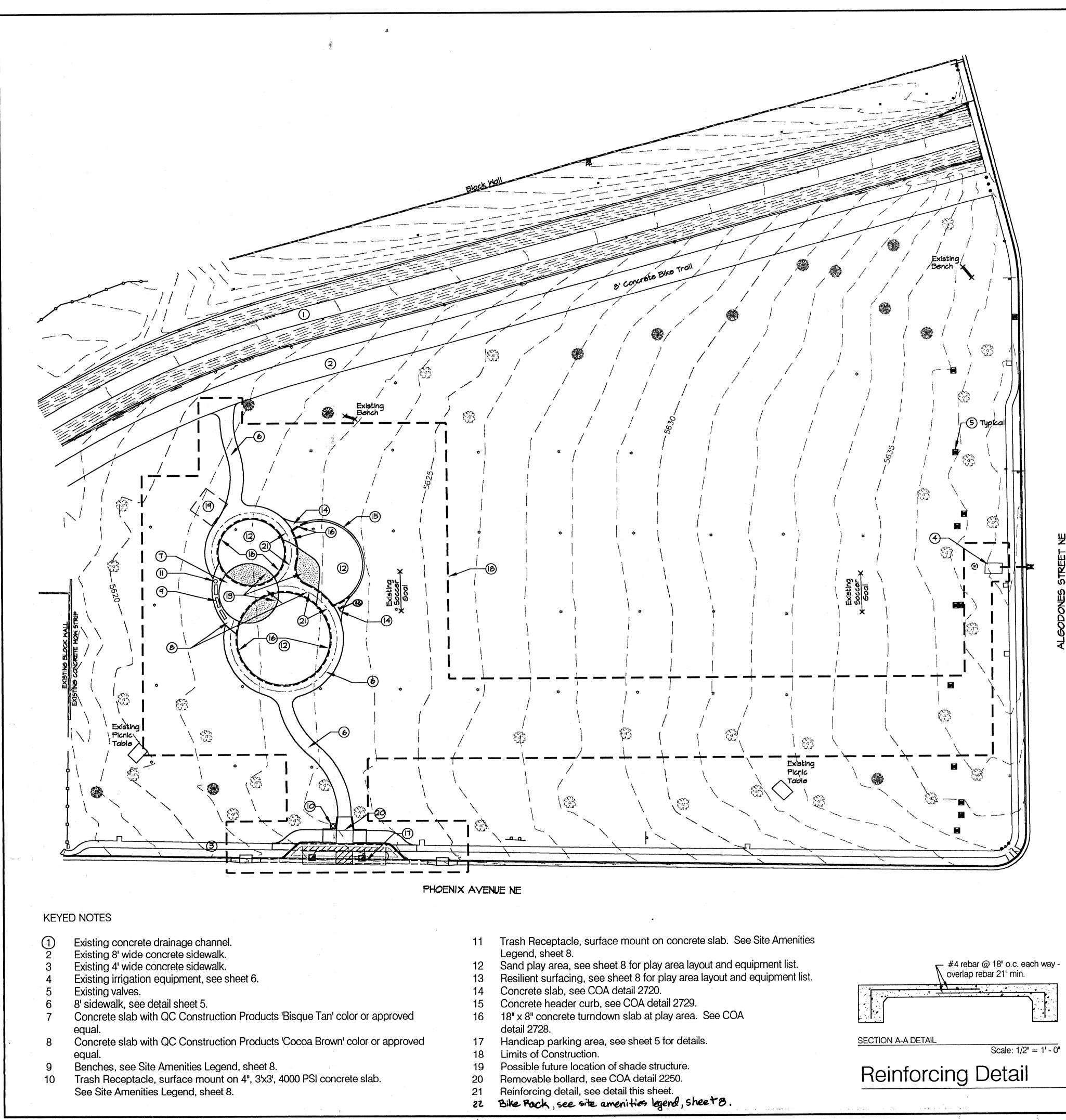
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6″ ₩→₩V	EXISTING	WATERLINE W/ VALVE
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V	EXISTING	FIRE HYDRANT
annen munis ^{an} SAS un S ^a nn		SANITARY SEWER MANHOLE
<u> </u>	EXISTING	STORM DRAIN
¢	EXISTING	SPRINKLER HEAD
44	EXISTING	1' CONTOUR
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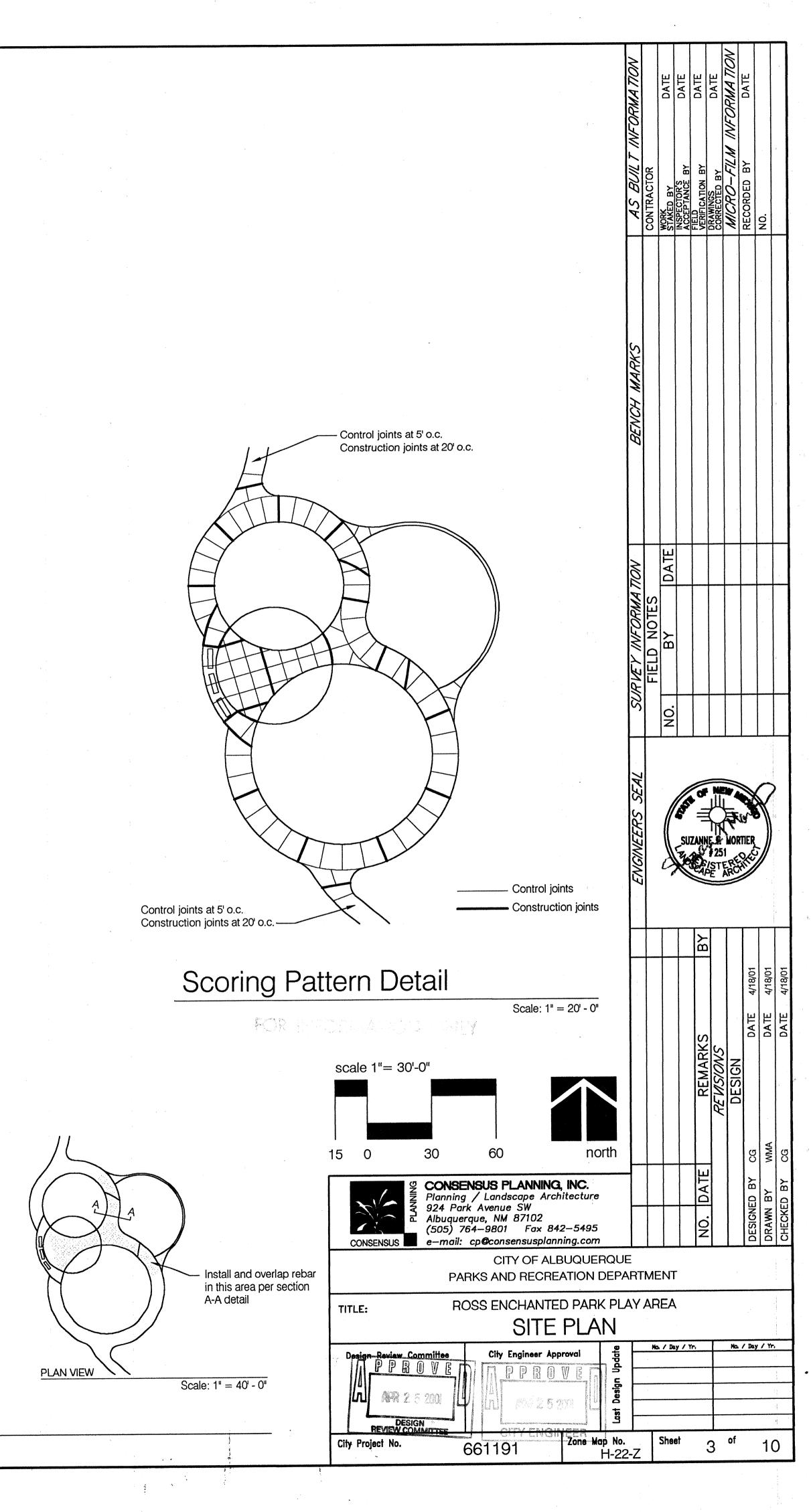
NEW FEATURES LEGEND:

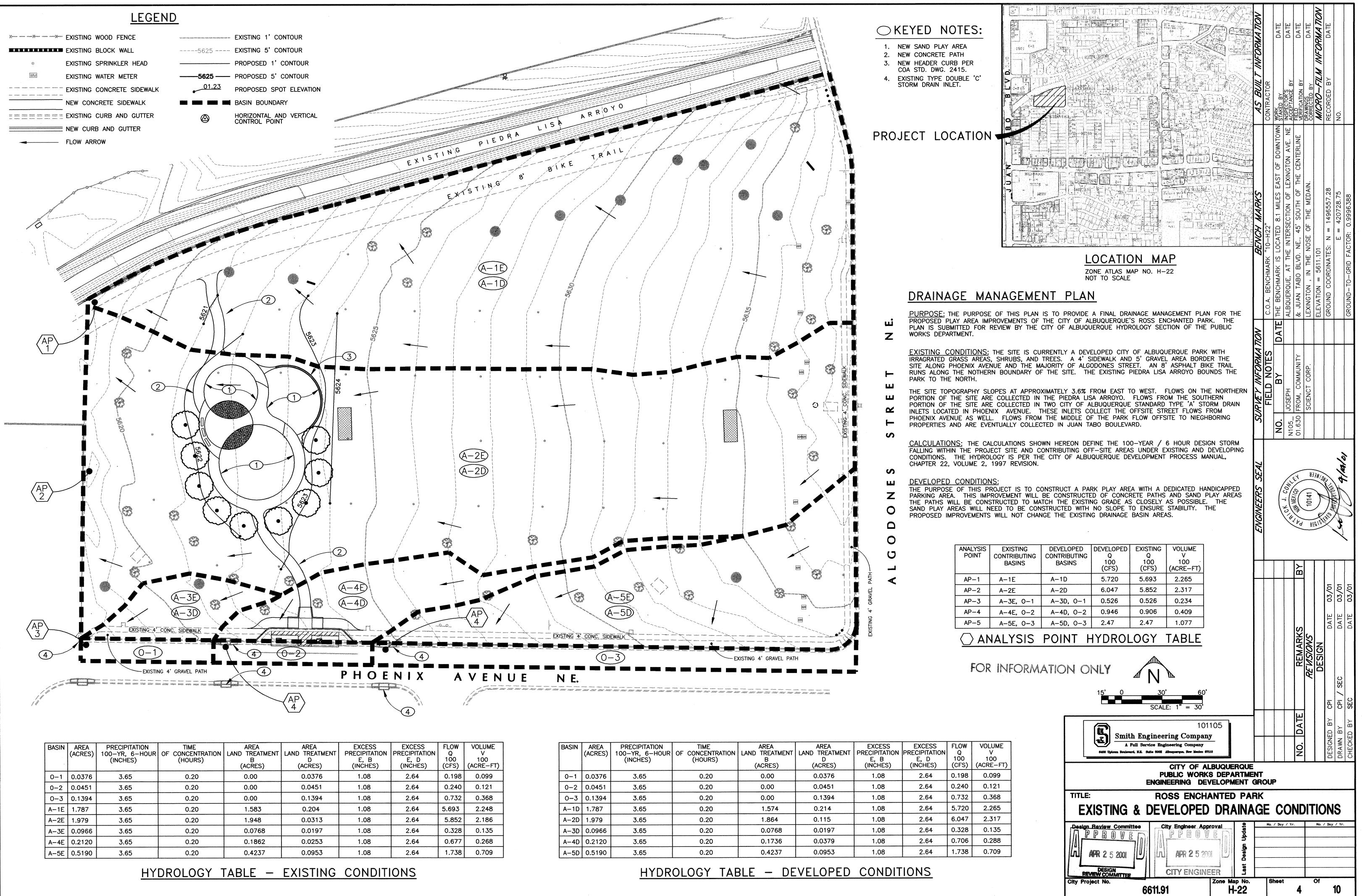
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(W)	NEW WATERLINE METER	IF0	NO	7		COMMUNITY	CORP.			
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6" SAS	NEW SANITARY SEWER LINE W/ MANHOLE	SURVEY	E		JOSEPH	FROM,	SCIENCT			
36" RCP	NEW STORM DRAIN	25		NO.	5	01.630				
*	NEW SPRINKLER HEAD			ž	ž	0.				
44	NEW 1' CONTOUR									
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	NEW CURB & GUTTER			[CONC		\sim	REINE	E.C. DINY	
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● ¹	POT HOLE LOCATION W/ NO.	E				-		~		
	NEW EDGE OF PAVEMENT									

FOR INFORMATION ONLY

101 Smith Engineering Company A Full Service Engineering Company 6400 Uptown Boulevard, M.E. Suite 500E Albuquarque, New Maxico 67			NO. DATE		DESIGNED BY CF	DRAWN BY CF CHECKED BY SE
CITY OF A PUBLIC WORK ENGINEERING DE	-	NT				
TITLE: ROSS ENCH	ANTED PAI	RK				
GENERAL NOTES, LEGEN	ID, & SU	RVEY	CO	NTF	RO	L
Design Review Committee City Engineer App		Mo. / Day	/ Yr.	Mo.	/ Day .	/ Yr.
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APR 2 5 2001 U APR 2 5 DESIGN REVIEW COMMITTEE	Last De					

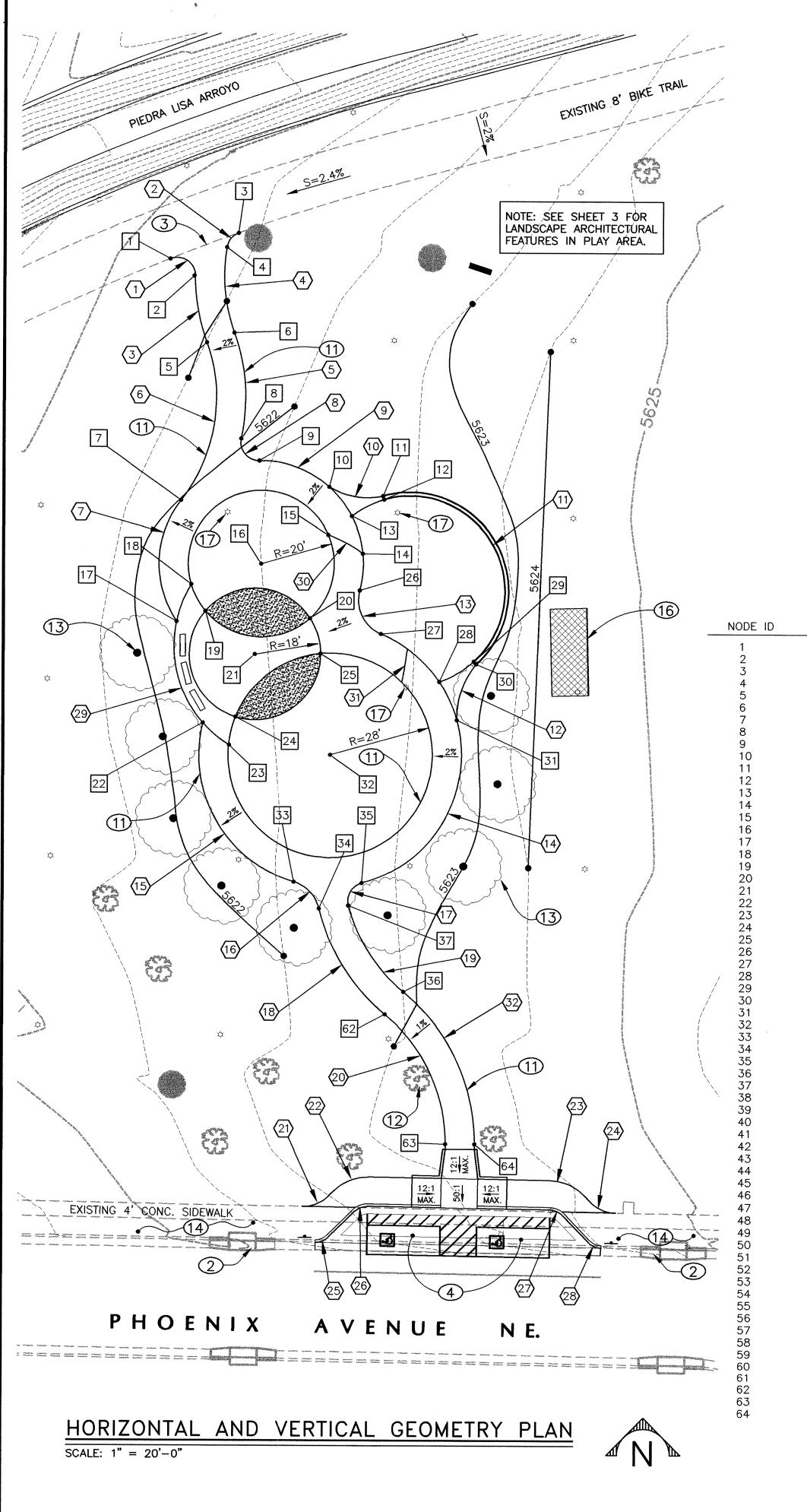






BASIN	AREA (ACRES)	PRECIPITATION 100-YR, 6-HOUR (INCHES)	TIME OF CONCENTRATION (HOURS)	AREA LAND TREATMENT B	AREA LAND TREATMENT	EXCESS PRECIPITATION E, B	EXCESS PRECIPITATION E, D	FLOW Q 100	VOLUME V 100
\$		(INCITES)	(11001(3))	(ACRES)	(ACRES)	(INCHES)	(INCHES)	(CFS)	(ACRE-FT)
0-1	0.0376	3.65	0.20	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

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)	FLO Q 100 (CF:
0-1	0.0376	3.65	0.20	0.00	0.0376	1.08	2.64	0.19
0-2	0.0451	3.65	0.20	0.00	0.0451	1.08	2.64	0.24
0-3	0.1394	3.65	0.20	0.00	0.1394	1.08	2.64	0.73
A-1D	1.787	3.65	0.20	1.574	0.214	1.08	2.64	5.72
A-2D	1.979	3.65	0.20	1.864	0.115	1.08	2.64	6.04
A-3D	0.0966	3.65	0.20	0.0768	0.0197	1.08	2.64	0.32
A-4D	0.2120	3.65	0.20	0.1736	0.0379	1.08	2.64	0.70
A-5D	0.5190	3.65	0.20	0.4237	0.0953	1.08	2.64	1.73



Civ_Cadd\101105 Ross Park\Option1\05Geometry Plan.dwg Mon Apr 16 15:24:44 2

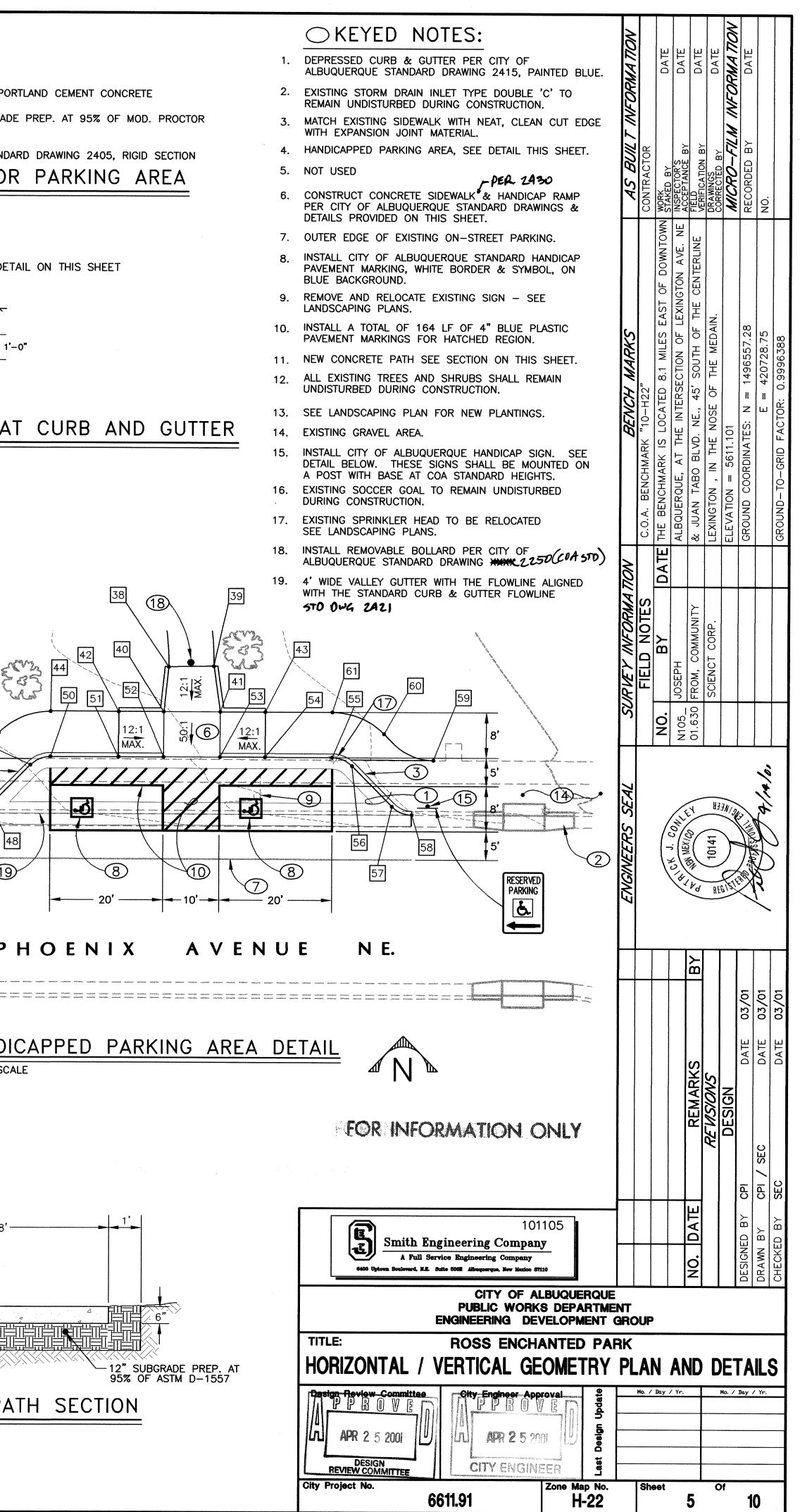
NUMBER	DELTA	TANGENT	RADIUS	ARC LENGTH	
1	111°35'56"	7.36	5.00	9.74	
2	60*56'23"	2.94	5.00	5.32	
3	19*36'06"	9.50	55.00	18.82	\checkmark \land
4	29 ° 09'05"	12.22	47.00	23.91	
5	31°48'43"	15.10	53.00	29.43	-114-2416-2416-2416-2416-2416-2416-2416-
6	57 * 55'14"	24.90	45.00	45.49	
7	72 ° 22'07"	20.48	28.00	35.36	NOTE: THIS SECTION IS PER CITY OF ALBUQUERQUE STANDARD
8	103°13'45"	6.31	5.00	9.01	TYPICAL PAVING SECTION FOR
9	42°47'30"	10.97	28.00	20.91	TITICAL TAVING SECTION FOR
10	43°01'19"	8.04	20.40	15.32	N.T.S.
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	T PAVING SECTION - SEE DETAIL
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	FLOW FLOW
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	12" SUBGRADE @
24	44*59`52"	4.14	10.00	7.85	95% ASTM D-1557
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	TYPICAL SUBGRADE PREPARATION AT
28	44°58'46"	2.07	5.00	3.93	
29	89°40'17"	31.93	32.11	50.26	N.T.S.
30	19°23'20"	5.47	32.00	10.83	
31	05*24'37"	4.58	96.94	9.15	

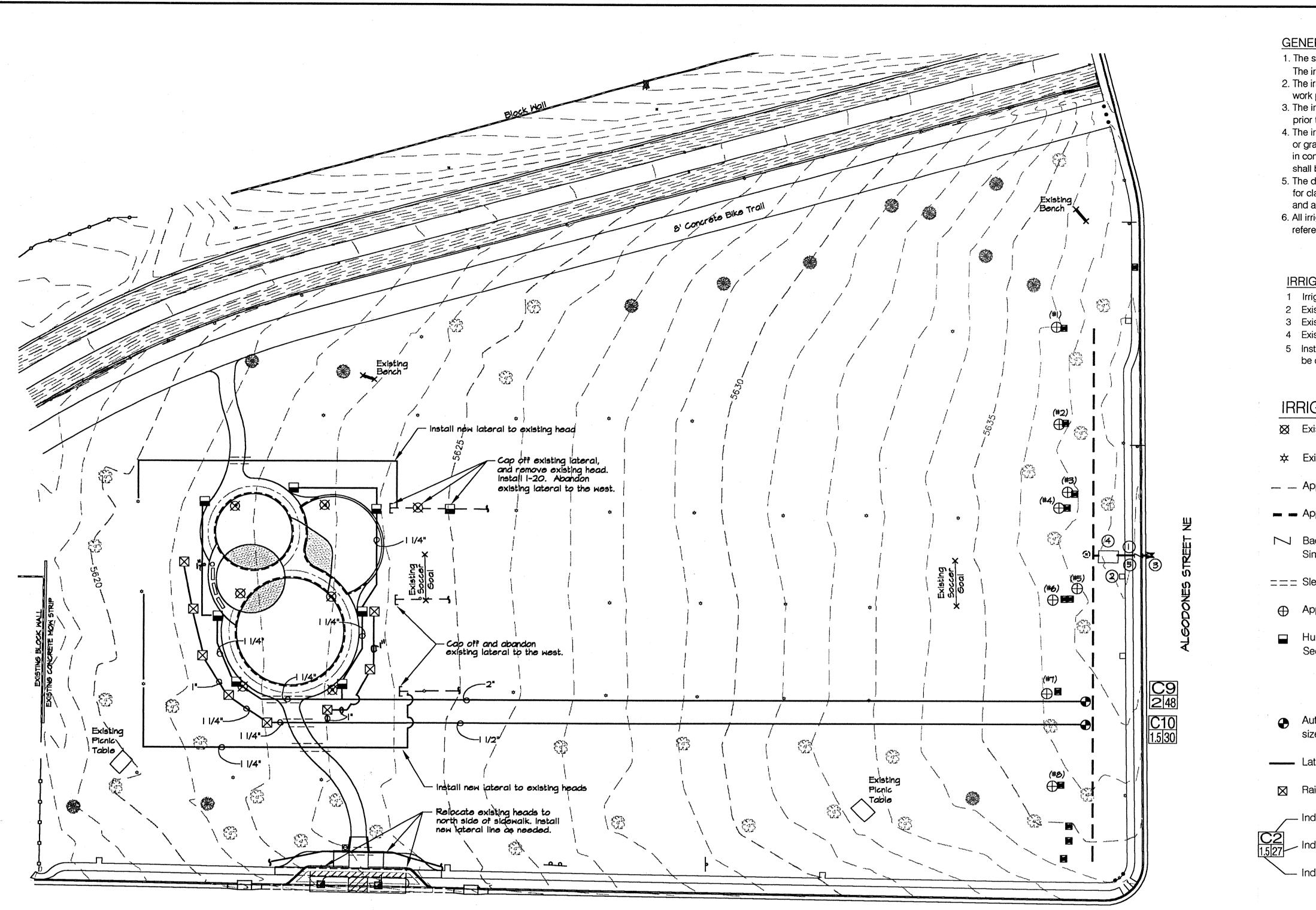
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32 50°29'41" 25.46 54.00 47.59

		DATA					
NORTHING	EASTING	ELEVATION	DESCRIPTION				38
1496321.71	421277.51	5620.39±	PI Existing Sidewalk		·		
1496317.09	421284.37		PRC Sidewalk				\backslash
1496328.82	421296.23		PI Existing Sidewalk		\mathbf{i}	i	\backslash
1496324.92	421292.99	5620.69	PCC Sidewalk	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		l.	42 40
1496300.26	421287.09		PRC Sidewalk	232	\		
1496301.37	421295.16		PRC Sidewalk	572	45	5 4	4
1496255.62	421280.74		PRC Sidewalk			5	
1496272.39	421297.16		PRC Sidewalk	N N	`\	1 Zest	50 51 52
1496266.35	421302.16		PRC Sidewalk	\sim	46	1000 Madder 1	50 51
1496259.32	421321.34		PRC Sidewalk				
1496256.88 1496255.92	421336.10 421336.38		PRC-Begin Header Top of C				/ \ 12:1
1496251.41	421327.55	5622.36 5622.36	Begin Header Bottom of Cur	0	49	\mathbf{X} /	$\left \begin{array}{c} 12:1\\ MAX. \end{array} \right $
1496241.16	421327.33		PI Sidewalk PI Sidewalk	A SAME A CARTAN AND A SACARE SAME AND A			
1496246.27	421321.15	5622.20	PI Sidewalk		3		
1496238.36	421302.78	5622.20	Center Point	There is an and the second and the second and the second second the	, Casaran ananan waxaan maalaa anana anana anana	or even were John and even	· · · · · · · · · · · · · · · · · · ·
1496222.58	421279.65	5622.22	PI Sidewalk		15		
1496232.69	421283.67	5622.20	PI Sidewalk				
1496225.42	421287.53	5622.20	PI Sidewalk		And a second sec		
1496223.52	421316.19	5622.20	PI Sidewalk		here and the second sec	and a forest and the second and a second as	and the second second second second and the
1496213.64	421301.14		Center Point			48	
1496194.78	421286.94		PI Sidewalk	2	/ 47		
1496188.64	421294.15	5622.36	PI Sidewalk		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
1496196.43	421295.87	5622.36	PI Sidewalk	RESERVED		19	8
1496213.87	421319.14		PI Sidewalk	PARKING		_	
1496231.09	421329.82		PRC Sidewalk			-	•
1496219.26 1496206.16	421335.65 421351.70	5622.36	PRC Sidewalk	Ġ			
1496211.76	421361.14	5622.36 5622.36	PI Sidewalk		•		
1496211.03	421361.82	5622.86	End Concrete Curb End Header Top of Curb		,		
1496195.67	421356.53	5622.30	PRC Sidewalk			PHO	ΕΝΙΧ
1496186.00	421321.86	5622.36	Center Point				
1496151.37	421312.02	5622.38	PRC Sidewalk				
1496144.12	421319.00	5622.46	PRC Sidewalk		A MONTHERMORPHERMONIC CONTRACTOR LINCOM ANTENNE DOTTO	the memory constant provide statement apparent without	managana salahana matanan tamarta anatanta atarana katalam ki
1496151.10	421330.65	5622.45	PRC Sidewalk	an producer presente antiparticipations and a subscription of the	The second second second second second second second second	лан албалуна) жаналар у-сарарын узанкасы уларында уларууна мар суландар жаналары иларуулуу конундугу зааруунар	- MARRIEN HERMAN HERMAN ANDRESS RUMARKE MARKARE REALIZED IN MARRIEN HERMANN HERMANN ANDRESSE RUMARKE MARKARE REALIZED IN
1496121.38	421342.21	5622.89	PRC Sidewalk	Beautralationwinnersaure			
1496144.95	421327.05	5622.51	PCC Sidewalk				
1496075.22	421353.86		Begin Sidewalk Ramp & Hea	der Curb			
1496075.22	421361.86	5623.54	Begin Sidewalk Ramp & Hea	der Curb	НΔ	NDICAP	PED PARK
1496067.31 1496067.14	421352.73	5622.19	PI Header Curb, PVI Sidewalk			<u>INDIOALI</u>	
1496067.44	421362.73 421344.73	5622.51 5622.58	PI Header Curb, PVI Sidewalk		NOT	TO SCALE	
1496067.01	421370.72	5623.17	End Sidewalk Ramp & Heade End Sidewalk Ramp & Heade	r Curb			
1496067.53	421339.14	5622.08	PT Sidewalk	r Curb			
1496064.56	421324.21	5621.87	PRC Sidewalk				
1496062.58	421314.28	5621.58±	PI Existing Sidewalk				
1496058.58	421314.22	5620.74±	PC Curb & Gutter				
1496053.06	421307.30	5620.87	PT FL Curb & Gutter				
1496057.30	421323.16	5621.20	PC FL Curb & Gutter				
1496058.43	421323.80	5621.33	PT FL Curb & Gutter				
1496061.53	421339.04	5621.75	PI FL Curb & Gutter - Top	of Ramp			
1496061.31	421352.63	5622.03	PI FL Curb & Gutter - Botto				
1496061.14	421362.63	5622.35	PI FL Curb & Gutter – Botto				
1496060.92 1496056.16	421376.21	5622.61	PI FL Curb & Gutter - Top	of Ramp	1' 1		1'
1496057.24	421391.94 421391.46	5622.99 5623.27	PC FL Curb & Gutter			8'	
1496051.40	421407.69	5623.30	PT FL Curb & Gutter PC Curb & Gutter				
1496057.09	421401.08	5623.34±	Match Existing Curb & Gutte	r			
1496061.09	421401.14	$5624.53\pm$	Match Existing Sidewalk				
1496063.42	421391.21	5624.14	PRC Sidewalk				
1496066.92	421376.31	5623.65	PC Sidewalk				
1496115.21	421337.12	5622.81	PRC Sidewalk	1 Contraction			
1496079.72	421353.86	5623.44	PT Sidewalk				
1496079.72	421361.86	5623.52	PT Sidewalk				
+	= MATCH EXISTING	GRADE IF DIFFERENT				YYYYYYYYY Y	10" CHE
	THAN ELEVATION						12" SUB 95% OF
	· · · · · · · · · · · · · · · · · · ·						
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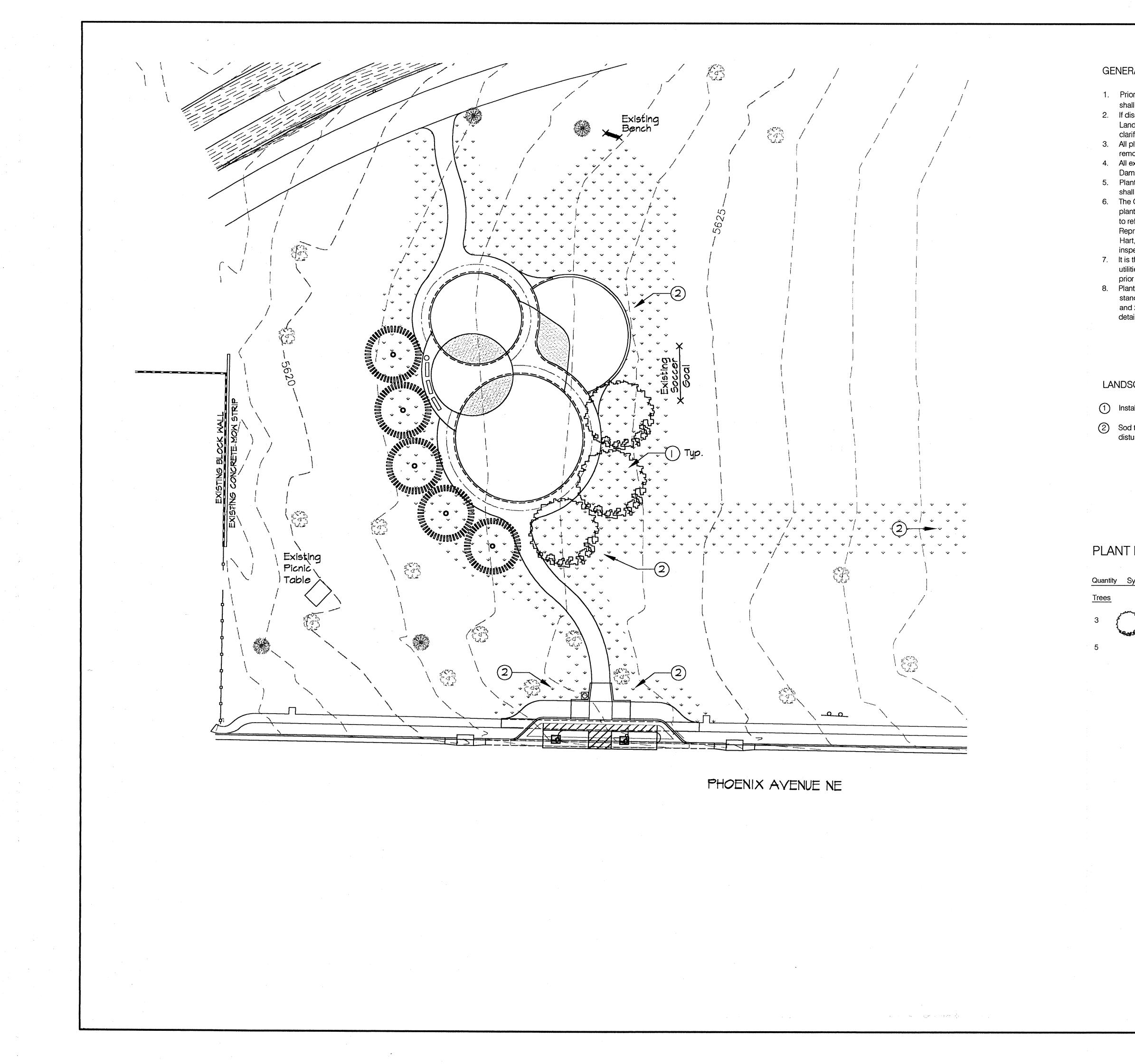
Valve #	Valve Size	GPM req. reduced (heads deleted)	new GPM req. (new heads)	diff. in GPM	Summer Run Times (per Parks Management)
1	2"	N/A	N/A	N/A	30 min. x 2x 's/day 4 days/weel
2	2"	N/A	N/A	N/A	30 min. x 2x 's/day 4 days/weel
3	2"	22.8	7.6	-15.2	30 min. x 2x 's/day 4 days/weel
4	2"	N/A	N/A	N/A	30 min. x 2x 's/day 4 days/weel
5	2"	N/A	N/A	N/A	30 min. x 2x 's/day 4 days/weel
6	2"	15.2	15.2	0.0	30 min. x 2x 's/day 4 days/weel

Valve Sizes, Approx. GPM Comparison, and Run Times

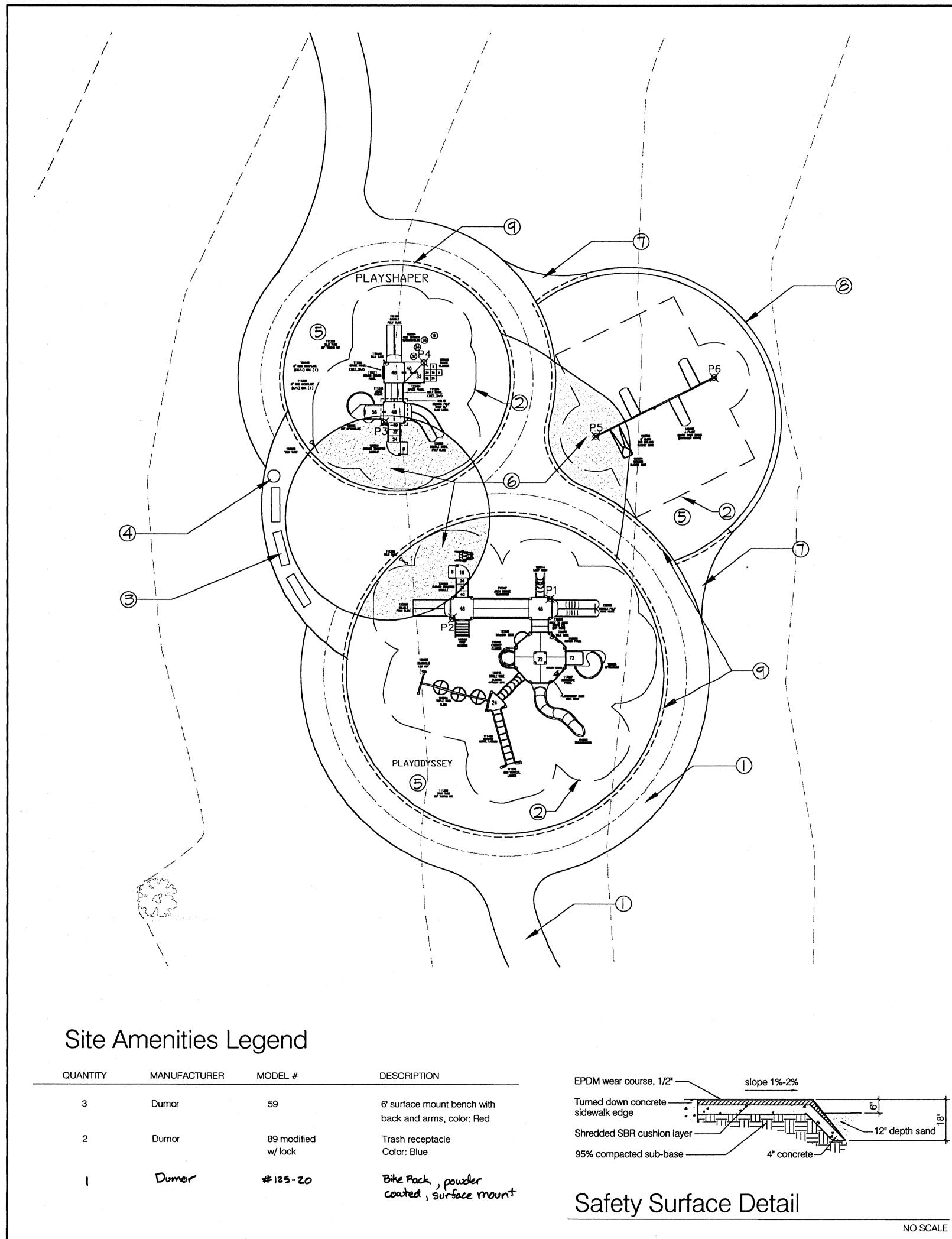
Valve #	Valve Size	GPM req. reduced (heads deleted)	new GPM req. (new heads)	diff. in GPM	Summer Run Times (per Parks Management)
7	2"	15.2	15.2	0.0	30 min. x 2x's/day x 4 days/week
8	2"	N/A	N/A	N/A	30 min. x 2x's/day x 4 days/week
9	2"	N/A	N/A	N/A	15 min. x 2x's/day x 4 days/week
10 (trees)	1.5"	N/A	N/A	N/A	15 min. x 2x's/day x 4 days/week
Master Valve	2"	N/A	N/A	N/A	N/A

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VERAL IRRIGATION NOTES				NOL		υШ	шш	NOII	ш	
e system design assumes a minimum static pre		•	-	DRMA	0 A TE	DA	DATE	RWA	DA	
e irrigation contractor shall verify size, pressure e irrigation contractor shall become thoroughly f				NF OA				INFO		
ork prior to construction. e irrigation contractor shall determine the exact	location of underground	utilities and electrical wirin	9	7 //				M7	~	
ior to construction. e irrigation contractor shall not install the irrigat				BUIL	TRACTOR	3Y R'S NCE BY	ION BY		ED BY	
grade differences exist that might not have beer construction details, legend, notes, or specificat	ions are discovered. All	-		AS	NTRA RK	AKED E SPECTO CEPTAI	LID RIFICAT AWINGS RRECTI		CORDED	
all be brought to the attention of the Owner's Re e drawings are diagrammatic. In some cases,	irrigation components m		-		88	ST/ NSN	22 22 22 22 23 22 23 24 20 20 20 20 20 20 20 20 20 20 20 20 20	Z	N RE	+
clarity. The irrigation contractor shall avoid an d above ground utilities. Irrigation pipe and wiri	ng shall be installed in la	indscaped areas wheneve	r possible.							
irrigation components shall be installed in accorrenced details contained within the City of Albu										
RIGATION CONSTRUCTION NOTES Irrigation point-of-connection. Tap existing 3" m	ainline per COA details a	and specifications	-	SXS						
Existing controller.		and specifications.		MARKS						
Existing 2" water meter. Existing flow meter and master valve.				VCH						
Install Pressure Vacuum Breaker. See Irrigation L be coordinated in the field with the Owner's Repu		hall		BEI						
RIGATION LEGEND										
Existing head to be removed and capped (a										
Existing head to remain (approx. 6.8 GPM ea	a.)			X	A TE					T
Approximate location of existing lateral line				14 TIC	S S	<u>}</u>				+
Approximate location of existing main line				ORM	OIE					
Backflow Preventer Assembly: 2" Febco 765 Similar to COA Detail 2703.	5Y Pressure Vacuum B	reaker Assembly.		EY INF		5				
Sleeving: Class 200 PVC (2 sizes larger than	pipe to be sleeved)			URN						
Approximate location of existing zone valve			с.	S	QN					z
Hunter I-20, adjustable head w/nozzle 8.0, 4 See COA Detail 2709.	8' Radius @ 50 PSI, (6	.8 GPM for full circle),			I			LL		
Note: Design assumes a minimum of 60	PSI upstream of PVB.		· .	SEAL			OF NE		∇	7
Hunter Head precipitation rate is a	pproximately .4"/hr. at	50 PSI.		SY.		C.S.	=	e v	8	
Automatic Valve Assembly: Rain Bird PEB Se size as indicated on plans. See COA Detail :		nd Manual Activation,	-	ENGNEE		SUZ	NNE L	MORTIE		
Lateral Pipe: Schedule 40 PVC, 18" Depth, 3/	4" unless otherwise no	ote		E				INC		-
Rainbird 1804 with MPR 15F nozzle, 15' radiu	us, 3.7 GPM @ 30 PSI	. See COA Detail 2709.								
Indicates Controller and Station Number			(· ·				BΥ			
Indicates Lateral Discharge in GPM	FORMESSA		×						4/18/01	4/18/01
Indicates Remote Control Valvle Size in inche		×., .,								
							S		DATE	DATE
	scale 1"= 30'-0"	I					NARI	SN		
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OR HERE RAVATION CHIEF	15 0 3	60	north						WMA	g
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	HINNE F	Planning / Landscape Ar 124 Park Avenue SW		 					SAWN BY	ECKED E
		Nbuquerque, NM 87102 505) 764—9801 Fax & —mail: cp@consensuspla					2 Z		DRAV	CHEC
		CITY OF A	BUQUERQUE			-			, . 	
		ROSS ENCHANT					& N		FF.S	3
	-Design-Review_Comm			****	6. / Day				⊥	
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	City Project No.		Zone Map No.		Shee	ł		of	4 ^	
		661191	H-22-	Z			6 '		10	1



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						NOU I		DATE DATE	DATE	DATE	DATE		
IERAL LANI	DSCAPE NOTES					ORMA			à	DAT			
-	ning work on the project, the L le project in the field with the C	-				7 INF				W 11	A // M/-		
andscape Co	es occur between the drawing ontractor shall notify the Owner ior to proceeding on that portion	r's Representative for			¢	BUIL	ACTOR	BY OR'S NCF BV	TON BY		DED BY		
All planting are	eas are to have weeds and con to preparation for planting.					AS	CONTRACTOR	STAKED INSPECT	FIELD VERIFICA	CORRECT	RECORDED	NO.	2
Damaged mat	Int materials shall be protected terials shall be replaced in kind es are provided for Contractor	d at the Contractor's exp											
shall take prec			15										
o refuse any p	ddition, the Owner's Represent plant material deemed unacce e is to approve any and all sub	ptable. The Owner's			-								
Hart, Park Ma nspections.	nagement Division Urban Fore	ester, at 857-8650 for pla	ant			MARKS							
	cape Contractor's responsibilit commencement of planting c uction.												
Planting install standard spec	lation shall be in accordance w cifications (Section 1005 - Plar	nting) and COA details 2	710		, J	BENCH							
and 2714. Mu details.	ulch shall be per construction	note #1, not as noted in	COA										ė
						;					- 12		х. К
DSCAPE CONSTRUCTION NOTES						NO,		DAIE			1		
	oth, 6' diameter bark mulch ring reas disturbed due to construc	-	areas.		•	RMA T	ES						
	renching for irrigation lines					INFO	LON (н Н					
						NEY	FIELD						
					6.1	SUK		<u>.</u>					,
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IT LEGE	ND					EAL				NEW		SHIPPING SHIPPING)
Symbol	Scientific Name Common Name	Size	Installed	Size & Remarks		RS S					Je Star		
			ų — 144 m. g. (1997 m. 1997 m. 1		-	ENGINEE		SU E		1. W	RTIER	5	
	Gleditsia triacanthos inerm Imperial Honey Locust	nis 'Imperial' 24" box		cal., 12'-14' ht., ord plant at 30' o.c.		EN	ć		PE	AR			ļ
	Pinus Nigra Austrian Pine	B&B	2" cal., 7										
A REAL	Austhan Fine		4 mm. sp	iu plant at 20 0.0.	5 · 4				ΒY				
,											4/18/01	4/18/01	4/18/01
									0		DATE	DATE	DATE
		scale 1"= 20	0'-0"	and the second secon	यः - "पूर्व -	1			IARK				
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x z		10 0	20	40	north	-		_			g	WMA	g
		24	Z Plannin Z 924 Pa	ENSUS PLANNING, g / Landscape Arch rk Avenue SW	INC. itecture				DAT		SIGNED BY	RAWN BY	(ED BΥ
		CONSENSUS	(505)7	rque, NM 87102 764—9801 Fax 842 cp © consensusplann					NO.		DESIGN	DRAWN	CHECK
			PA	CITY OF ALB			ЛЕN	T	<u></u>				1
		TITLE:	R	OSS ENCHANTE	D PARK PLA	AY A	RE	۹					
				NG PLAN,				N(hay / Yr.) / Day	/ Yr.	
		Design Review		City Engineer Appl	Part a							a National National	
	, 1	DESIGN REVIEW COMM			Last Design							;	
		City Project No.		661191	Zone Map No.		She	pet	7	of		10	-
					H-22				-			. 🔶	



QUANTITY	MANUFACTURER	MODEL #	DESCRIPTION	EPDM we
3	Dumor	59	6' surface mount bench with back and arms, color: Red	Turned d sidewalk
2	Dumor	89 modified	Trash receptacle	Shreddeo
	· · · · · · · · · · · · · · · · · · ·	w/ lock	Color: Blue	95% con
I 1 1 1 1 1	Dumer	#125-20	Bike Rack, powder coasted, surface mount	Saf

Play Equipment List

5 1 1		
PLAYBOOSTER (5-	-12)	
<u>Qty.</u> Part#	Description	
Posts		
4 111404C	132 Alum. Post	
6 111404D	124 Alum. Post	
3 111404E	116 Alum. Post	
1 1114041	84 Alum, Post	
Decks		
1 111240A	Balcony Deck	
1 123320B	Transfer Module Right	
	•	
1 128980D	Playodyssey (with Roof)	
2 111228A	Square Tenderdeck	
1 111231A	Triangular Tenderdeck	
Permalene Panels	— · · · · · ·	
1 115228A	Driver (Deck Mount)	
1 117957A	Periscope (Deck Mount)	
Slides		
1 123331B	Double Poly Slide 48 Deck	
1 123336A	Double Poly Wave Slide 48	3 Deck
1 124863F	Slidewinder 2 72 Deck	
1 122033A	Spyroslide 72 Deck	
Bridges		
1 111347B	Arch Bridge w/Barrier	
Climbers	,	
1 123293B	Cozy Climber w/Perm Han	idhold
1 122914A	Loop Arch 48 Deck	anoia
	•	
1 122915A	Wave Climber - Single 48	
Overhead Events		
1 111469A	2 Inclined Horizontal Ladd	er
1 123824A	Triple Ring Fling	
Attachments/Conne	ectors	
1 115375A	Deck to Deck Steps (2 Ste	ps)
1 111273A	End Vertical Ladder w/Pos	ts
1 120902A	Hand Hold/Leg Lift	
1 111363A	Talk Tube (No Post)	
1 129079B	Talk tube Odyssey	
1 111362A	Talk Tube 40' Tubing Kit	
1 129969B	Chimney Climber 72 Deck	
1 1299090	Chinney Chinder 72 Deck	
PLAYSHAPER (2-5)	<u>)</u>	
Posts/Arches		
4 111397B	114 Post	х
1 111397C	106 Post	
1 111397D	98 Post	
1 111397F	82 Post	
4 111396A	145 Post for Roof	
Decks		
2 121948A	Kick Plate for 8 Rise	
1 121949A	Kick Plate for Rise 8 - Tri D)eck
1 123320A	Transfer Module Right	
2 111237A	Square Tenderdeck	
2 117495A	Triangular Tenderdeck	
Roofs	mangalar renderación	
1 118110A	Square Poly Roof Cust Log	20
Permalene Panels	Square Foly Roor Cust Log	30
1 113211A	Sound Chimes Panel	
1 123484A	Space Panel	
1 111291A	Store Panel	
1 111284	Hole Panel	
Slides	_	
1 122033A	Spyroslide off 48 Deck	
1 130798A	Double Swirl Poly Slide 48	Deck
1 132155B	Double Poly Slide 48 Deck	K
Attachments/Conne	ectors	
1 111348A	Arch Bridge	
1 123292A	Block Climb Grnd-dk w/Pe	erm Handle
1 129594D	Disk Climber 40 Deck	
1 115198A	Talk Tube (No Post)	
1 115198A	Talk Tube (No Post)	
1 111362A		
I IIIOZA	Talk Tube 40' Tubing Kit	
INDEPENDENT CO		
•		
Independent Swing		
1 122837C	Sgl. Post Swing 4 Place-Ur	ICOATED
•	(without 1 Belt Seat)	
Swing Seats		
1 100054A	Molded Bucket Seat	
1 122792A	8' Chain for Molded Bucke	et Seat
Safety Surface		
per plan	EPDM Safety Surface	2-5 area
	, .	5-12 area
		Swings
· · ·		. 3-

PLAY EQUIPMENT NOTES:

- 1) Equipment shall be supplied by 'Exerplay'.
- 2) Colors include purple posts, red roofs, blue slides, green panels, brown decks, red or blue rails, and red connectors.

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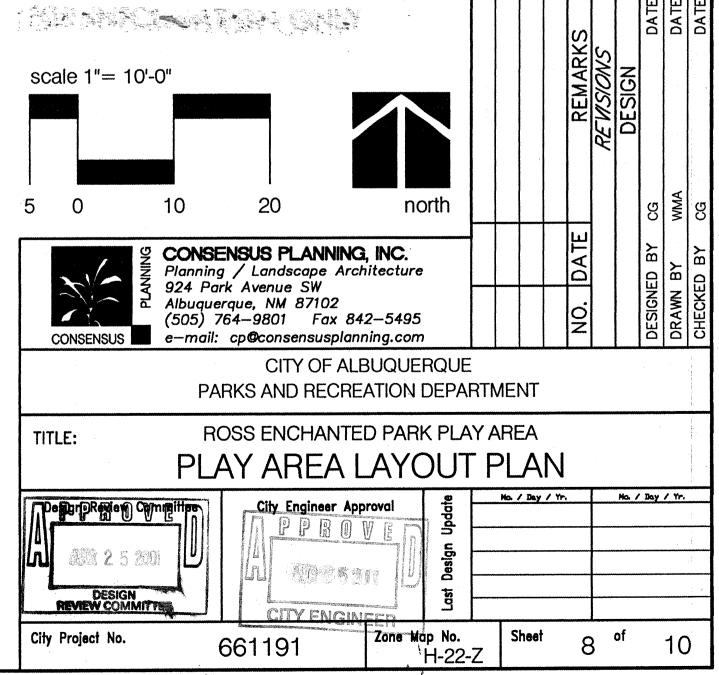
- 3) Contractor shall contact David Smith at Exerplay, 281-0151, prior to installation of play equipment.
- Accessible surface shall be poured-in-place rubber with a 4) 1/2" EPDM as the wear course. Thickness of surface shall comply with proper fall heights. Color shall be 50 % black and 50% green.

KEYED NOTES

- 8' sidewalk.
- Use zone.
- 1000 Benches, see Site Amenities Legend, this sheet. Trash Receptacle, surface mount on concrete slab. See Site Amenities Legend, sheet 8.
- Sand play area, see for play area layout and 5 equipment list, this sheet.
- Resilient surfacing, see for play area layout and 6 equipment list, this sheet.
- Concrete slab, see COA detail 2720.
- Concrete header curb, see COA detail 2729.
- 18" x 8" concrete turndown slab at play area. See COA detail 2728.

X Control Points

POINT	NORTHING	EASTING
P1	1496199.50	421329.77
P2	1496196.00	421312.52
P3	1496230.57	412300.53
P4	1496241.07	421307.53
P5	1496228.11	421337.81
P6	1496238.51	421358.70



2" depth cushion layer a 3" depth cushion layer 3" depth cushion layer

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 MUTCH, 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.

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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.

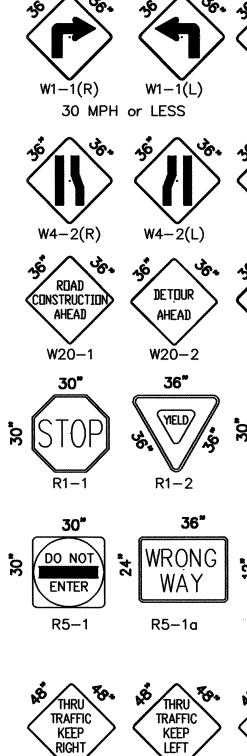
20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

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.

SECTIONS.

BY CONSTRUCTION COORDINATION.

PERMANENT OR TEMPORARY.

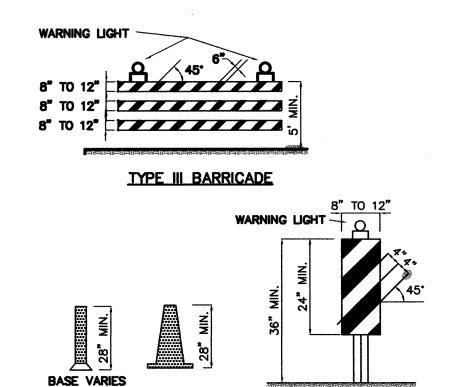


SPECIAL

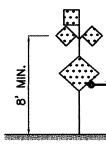
SIGN

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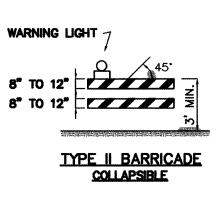
- 22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING: 1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION. 2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC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



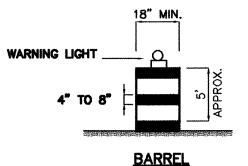
<u>CONES</u>



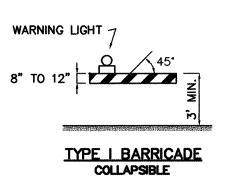
HIGH LEVEL WARNING DEVICE



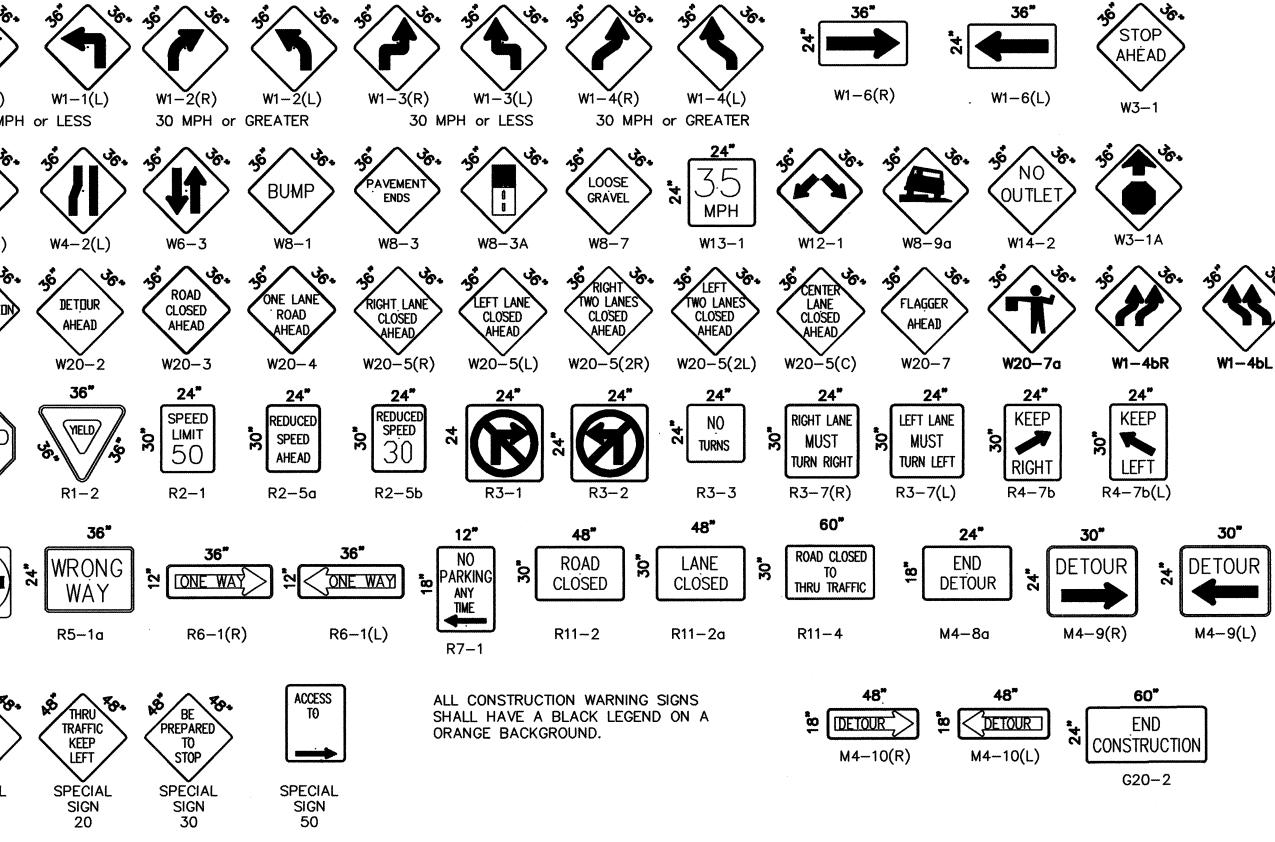
VERTICAL PANEL



TRAFFIC CONTROL ELEMENTS



SIGN FACE DETAILS



LEGEND:

	TRAFFIC	FLOW
 _	TRAFFIC	CONTROL

TRAFFIC CONTROL BARREL

TRAFFIC CONTROL TYPE III BARRICADE

WARNING SIGN

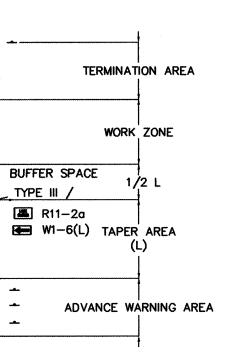
- === EXISTING CURB-AND-GUTTER EXISTING STRIPING

 - ONSITE CONSTRUCTION ZONE

VERTICAL PANEL SIGN W/ SUPPORT

ARROW BOARD

-WARNING LIGHT



TAPER REQUIREMENTS

SPEED	TAPE	ER LENGT (FEET)	(H (L)	MINIMUM	MAXIMUM DE∨ICE SPACING IN FEET			
(MPH)	10' LANE	11' LANE	12' DEVICES LANE FUR TAPEI		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		

	NDE	D	SIGN	SPA	CI	NC	<u>5(D)</u> F	- OR
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0-20	10	Х	SPEED	LIMIT	10	Х	SPEED	LIMIT
25-30	10	Х	SPEED	LIMIT	10	Х	SPEED	LIMIT
30-35	10	Х	SPEED	LIMIT	10	Х	SPEED	LIMIT
40-45	10	Х	SPEED	LIMIT	10	Х	SPEED	LIMIT

10 X SPEED LIMIT 10 X SPEED LIMIT

City Project No.

6611.91

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TAPER CRI	TAPER CRITERIA					×4.	Vd	RE	GISTE	×	K	
TYPE OF TAPER	TAPER	<u>LENGTH</u>		SNI							1	
UPSTREAM TAPER: MERGING TAPER SHIFTING TAPER SHOULDER TAPER TWO-WAY TRAFFIC TAP	L MIN 1/2 L 1/2 L FR 100 F	_ MINIMUM MINIMUM					BY					
DOWNSTREAM TAPERS		EET PER LANE								03/01	<u>10</u>	101
TAPER LENGTH C	OMPUTATION	<u>N</u>								03	03	1 (
SPEED LIMIT40 MPH OR LESS $L = \frac{WS^2}{60}$ 45 MPH OR GREATER $L = W \times S$							MARKS	SNOI	SIGN	DATE	DATE	
L = TAPER LENGTH W = WIDTH OF OFFSET IN FEET S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH FOR INFORMATION ONLY							REM	REVISIONS	DESI	CPI	CPI / SEC	
101105 Smith Engineering Company 6400 Uptown Bouleward, M.E. Suite 600E Albaquarque, New Mexico 87110							NO. DATE			DESIGNED BY	DRAWN BY	
	E	CITY OF ALBUQUE PUBLIC WORKS DEPA ENGINEERING DEVELOPM	RTME		OUP							
TITLE:		ROSS ENCHANTED) PAF	RK								
SIGNING A	ND CON	ISTRUCTION TRAFF	FIC C	:01	NTR	OL	S	TA	NC)Al	RD	
Design Review	Committee	City Engineer Approval	date		Mo. / Day	y / Yr.			Mo. /	Day	/ Yr.	
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Last

Of

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Zone Map No.

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