

CONCHAS PARK
FOR THE CITY OF
ALBUQUERQUE, NEW MEXICO
PARKS AND RECREATION DEPARTMENT

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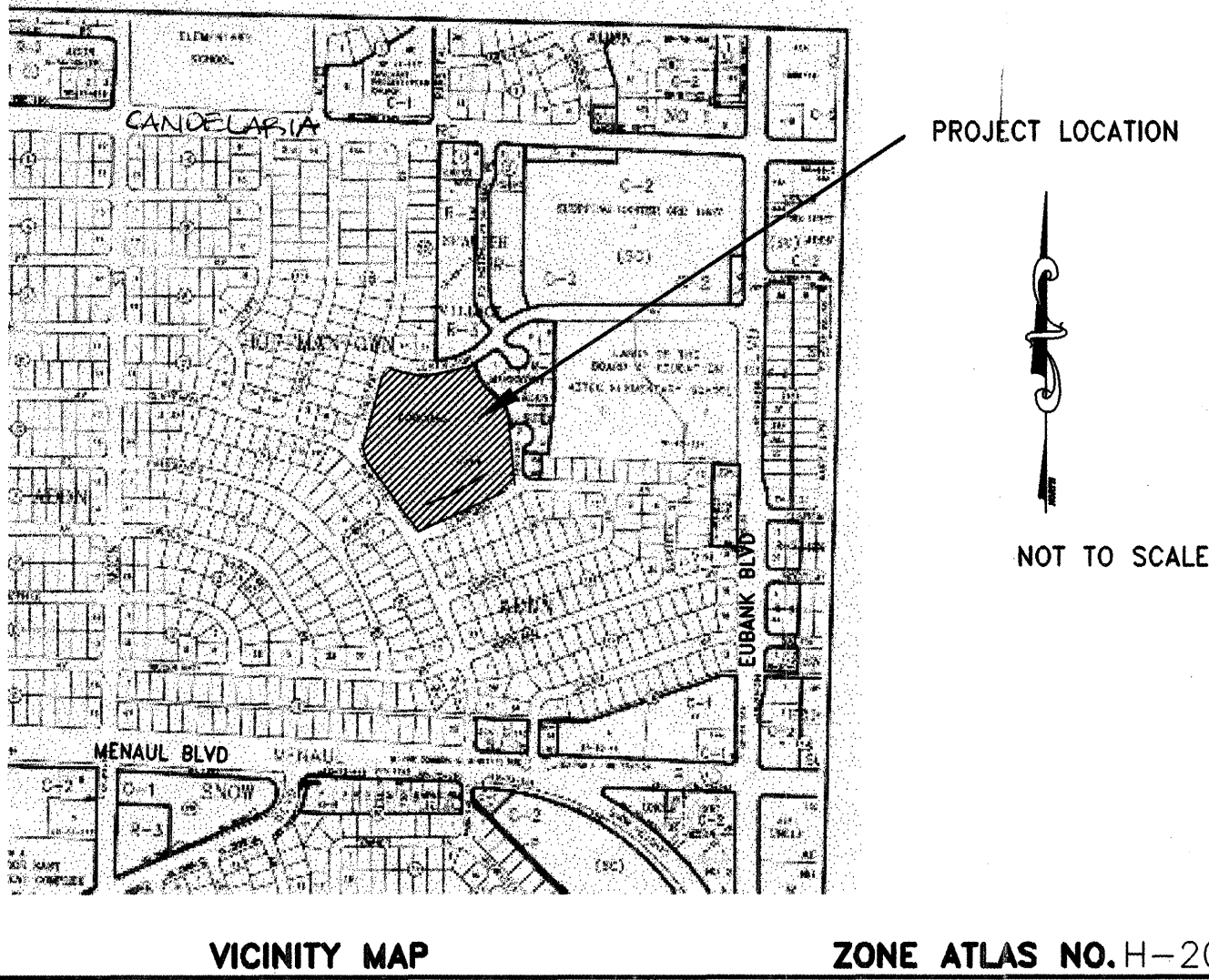
STREET ADDRESS:

9406 LEXINGTON AVE. NE
ALBUQUERQUE, N.M. 87107

LEGAL DESCRIPTION:

HOFFMANTOWN ADDN
LOT 14 SUBDIVISION 14
CONCHAS PARK

TURF AREA: 247,000 SF (5.67 AC)
PARK AREA: 328,600 SF (7.54 AC)



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 CONSTRUCTOR MUST 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. 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.

CONSTRUCTION DOCUMENTS
SEPTEMBER 13, 2002

LANDSCAPE ARCHITECT

THE LANDSCAPE GROUP, INC.

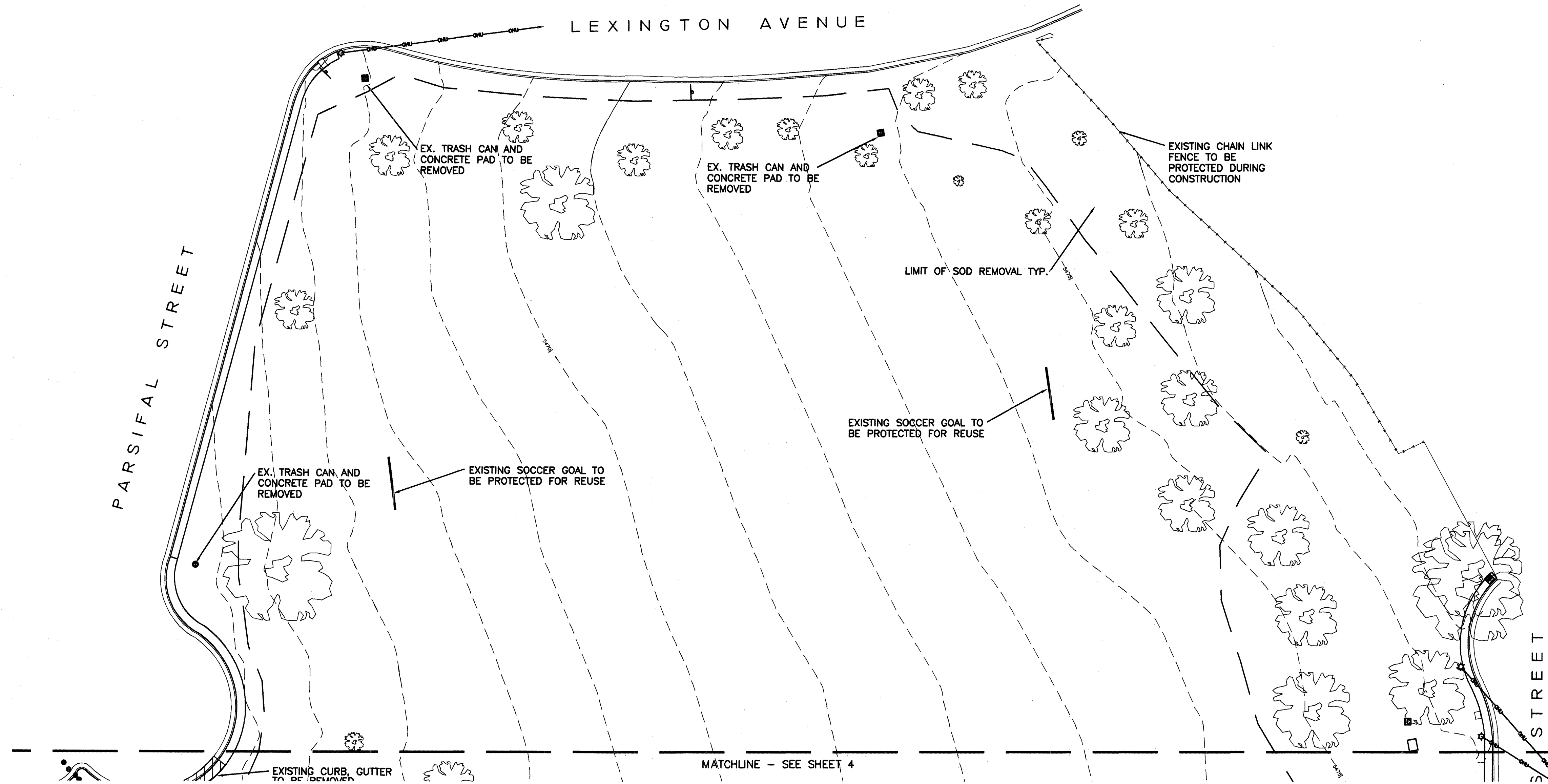
CIVIL/STRUCTURAL

ISAACSON AND ARFMAN

ELECTRICAL

THE RESPONSE GROUP

REV.	SHEETS	CITY ENGINEER	DATE	USER	DEPARTMENT	DATE	USER	DEPARTMENT	DATE		
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		APPROVED FOR CONSTRUCTION			
		DRC Chairman				10-3-02				10/3/02	
		Transportation				9-13-02					
		Water/Wastewater				10-3-02					
		Hydrology				9-12-02					
		Parks				9-12-02					
Constr. Coord.				10-3-02				City Engineer		Date	
City Project No.		674802		Sheet		1		Of		20	



DEMOLITION PLAN - NORTH

Scale: 1"=30'-0"

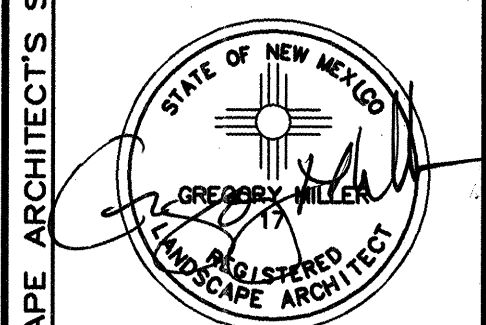
1

DEMOLITION GENERAL NOTES

1. UNLESS OTHERWISE NOTED, ALL TREES SHALL REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION.
2. UNLESS OTHERWISE NOTED, ALL SIGNS, LIGHTS POLES, FIRE HYDRANTS AND OTHER EXISTING UTILITIES SHALL REMAIN AND SHALL BE PROTECTED DURING CONSTRUCTION.
3. EXISTING IRRIGATION HEADS, VALVE BOXES AND ANY OTHER ABOVE GRADE ITEMS SHALL BE REMOVED. ALL SUBSURFACE LATERAL LINES, MAIN LINES, AND VALVES SHALL BE ABANDONED.
4. CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES AND AVOID DAMAGE TO SAME.
5. CONTRACTOR SHALL LOCATE ALL ABOVE GROUND UTILITIES AND AVOID DAMAGE TO SAME.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ANY UTILITIES DAMAGED DURING CONSTRUCTION.

the Landscape Group

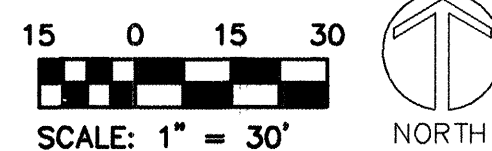
LANDSCAPE & GOLF COURSE ARCHITECTURE
800 CORPUS AVENUE NW ALBUQUERQUE, NEW MEXICO 87102
TEL: (505) 886-2266 FAX: (505) 263-4427



9/13/02

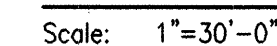
LANDSCAPE ARCHITECT'S SEAL		SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
No.	Date	Revisions / Remarks	By	Field Notes	ACS 3-1/4" ALUMINUM CAP STAMPED "12-H20, 1988"	CONTRACTOR	NO.
				DATE	SET FLUSH WITH TOP OF CURB IN CENTER MEDIAN LOCATED ON MENAUL BLVD. NE. 48.1' WEST OF CENTERLINE OF PARSIFAL ST.	WORK STAKED BY	DATE:
				BY	X=414290.22, Y=1495028.63, NM CENTRAL ZONE (NAD 1927)	INSPECTORS APPROVAL	DATE:
					ELEVATION = 5467.758 (SLD 1929)	FIELD VERIFICATION BY	DATE:
						DRAWING CORRECTED BY	DATE:
						MICRO-FILM INFORMATION	DATE:
						RECORDED BY	DATE:
						NO.	DATE:

Designed By: THE LANDSCAPE GROUP, INC. Date: 09/13/02
Drawn By: THE LANDSCAPE GROUP, INC. Date: 09/13/02
Checked By: THE LANDSCAPE GROUP, INC. Date: 09/13/02



CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: CONCHAS PARK DEMOLITION PLAN - NORTH			
Design Review Committee APPROVED OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED OCT - 3 2002 CITY ENGINEER	Month / Day / Year	Month / Day / Year
City Project No. 674802	Zone Map No. H-20	Sheet 3	Of 20





1

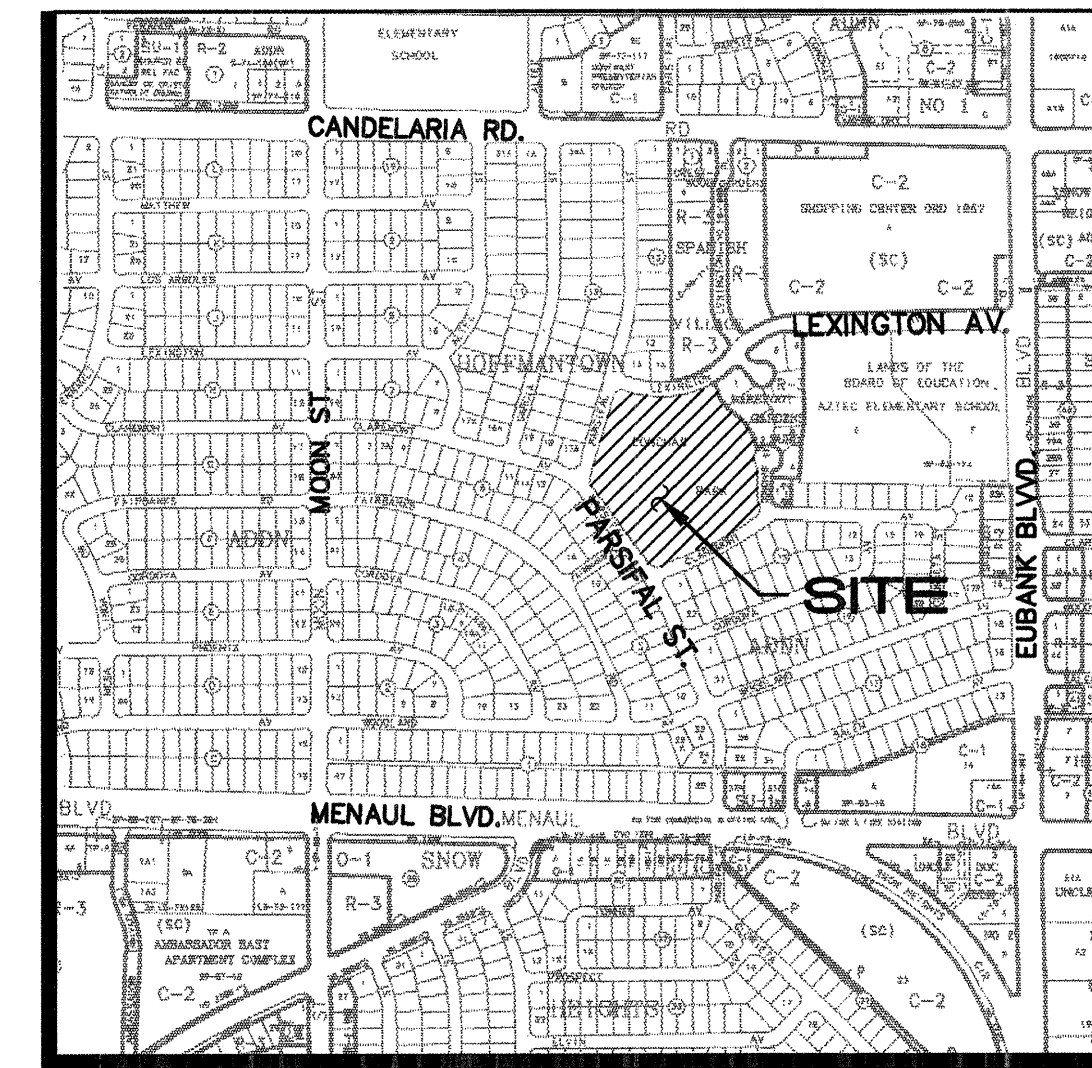
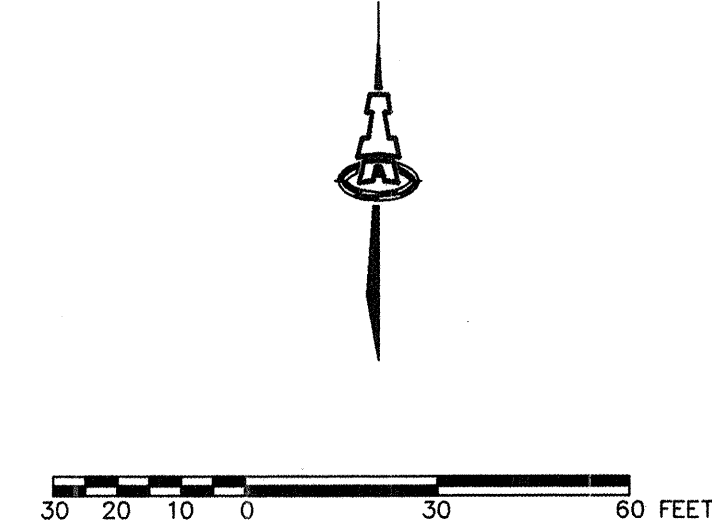
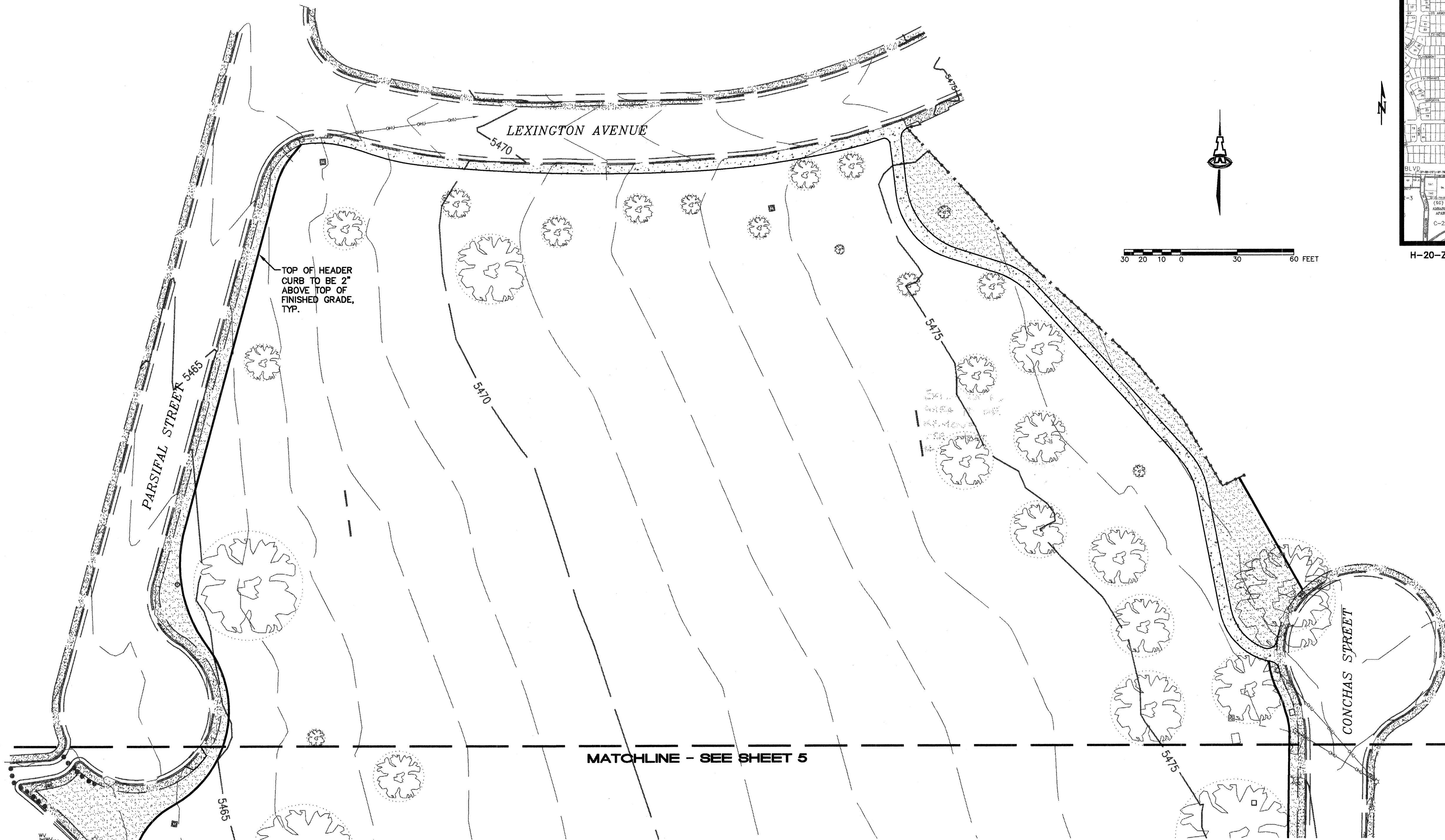
					Designed By:	THE LANDSCAPE GROUP, INC.	Date: 09 /13 /02
					Drawn By:	THE LANDSCAPE GROUP, INC.	Date: 09 /13 /02
					Checked By:	THE LANDSCAPE GROUP, INC.	Date: 09 /13 /02

15 0 15 30
SCALE: 1" = 30'



CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT				
TITLE: CONCHAS PARK CONSTRUCTION PLAN -- NORTH				
Design Review Committee APPROVED OCT - 3 2002 DESIGN REVIEW COMMITTEE		City Engineer Approval APPROVED OCT - 3 2002 CITY ENGINEER		Last Design Update Month / Day / Year _____ _____ _____ _____ _____
City Project No. 674802		Zone Map No. H-20		Sheet 5 Of 20





VICINITY MAP

HYDROLOGY NOTES:

LEGAL DESCRIPTION:
CONCHAS PARK, HOFFMANTOWN ADDITION

AREA:
7.5618 ACRES

BENCHMARK:
ACS "12-H20"
ELEV.= 5476.759 (SLD 1929)

FLOOD ZONE DESIGNATION:
NO PORTION OF THIS SITE LIES WITHIN THE 100-YR FLOOD PLAIN AS SHOWN ON PANEL 356 OF 825 OF THE FEMA FLOOD INSURANCE RATE MAPS DATED SEPTEMBER 20, 1996.

EXISTING CONDITIONS:
THIS SITE IS AN EXISTING CITY PARK, WITH GRASS FIELDS THAT SLOPE DOWNHILL TO THE WEST AT APPROXIMATELY A 2% SLOPE. THIS PARK IS BOUNDED BY LEXINGTON AVENUE TO THE NORTH, PARSIFAL STREET TO THE WEST, CLAREMONT AVENUE TO THE SOUTH, AND CONCHAS STREET AND THE BAREFOOT GARDENS SUBDIVISION TO THE EAST. STORM WATER FLOWS OF 19.7 CFS ARE HISTORICALLY ALLOWED TO SHEET TO PARSIFAL STREET.

EXISTING HYDROLOGY:

PRECIPITATION ZONE: 3

BASIN 1

LAND TREATMENTS: 7.56 ACRES (100% TYPE B)
 $Q_p = 7.56 (2.60) = 19.7 \text{ CFS}$

PROPOSED CONDITIONS:

THIS PLAN INCORPORATES IMPROVEMENTS TO THE SOUTHWEST CORNER OF THE SITE. THESE NEW IMPROVEMENTS INCLUDE AN 8-SPACE PARKING AREA, COVERED PICNIC TABLES, A BASKETBALL COURT, AND A SAND LOT. EXISTING GRASS AND TREES WILL REMAIN IN OTHER AREAS OF THE PARK. THESE CHANGES INCREASE THE FLOW FROM THE SITE BY 0.7 CFS, WITH 0.326 ACRES OF IMPERVIOUS AREA. FLOWS FROM THE SITE ARE STILL CONDUCTED WEST TO PARSIFAL STREET.

PROPOSED HYDROLOGY:

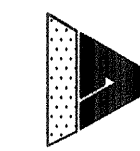
BASIN 1

LAND TREATMENTS: 7.24 AC. (95.69% TYPE B)
0.33 AC. (4.31% TYPE D)
 $Q_p = 7.24 (2.60) + 0.33 (5.02) = 20.4 \text{ CFS}$

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- FLOW ARROW
- FINISH FLOOR ELEVATION
- SIDEWALK CULVERT
- TOP OF CURB ELEVATION

the Landscape Group
LANDSCAPE & GOLF COURSE ARCHITECTURE
808 CONCHAS AVENUE NW ALBUQUERQUE, NEW MEXICO 87106
TEL: (505) 263-0000 FAX: (505) 263-0001



ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque New Mexico
209GRD.DWGksh view1 03/04/02

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP**

**TITLE: CONCHAS PARK
GRADING & DRAINAGE PLAN**

Design Review Committee
APPROVED
DATE: 03/02

City Engineer Approval
APPROVED
DATE: 03/02

Last Design Update

City Project No. Zone Map No. Sheet 74 Of 2015

SURVEY INFORMATION

FIELD	NOTES

ENGINEER'S SEAL



REVISIONS

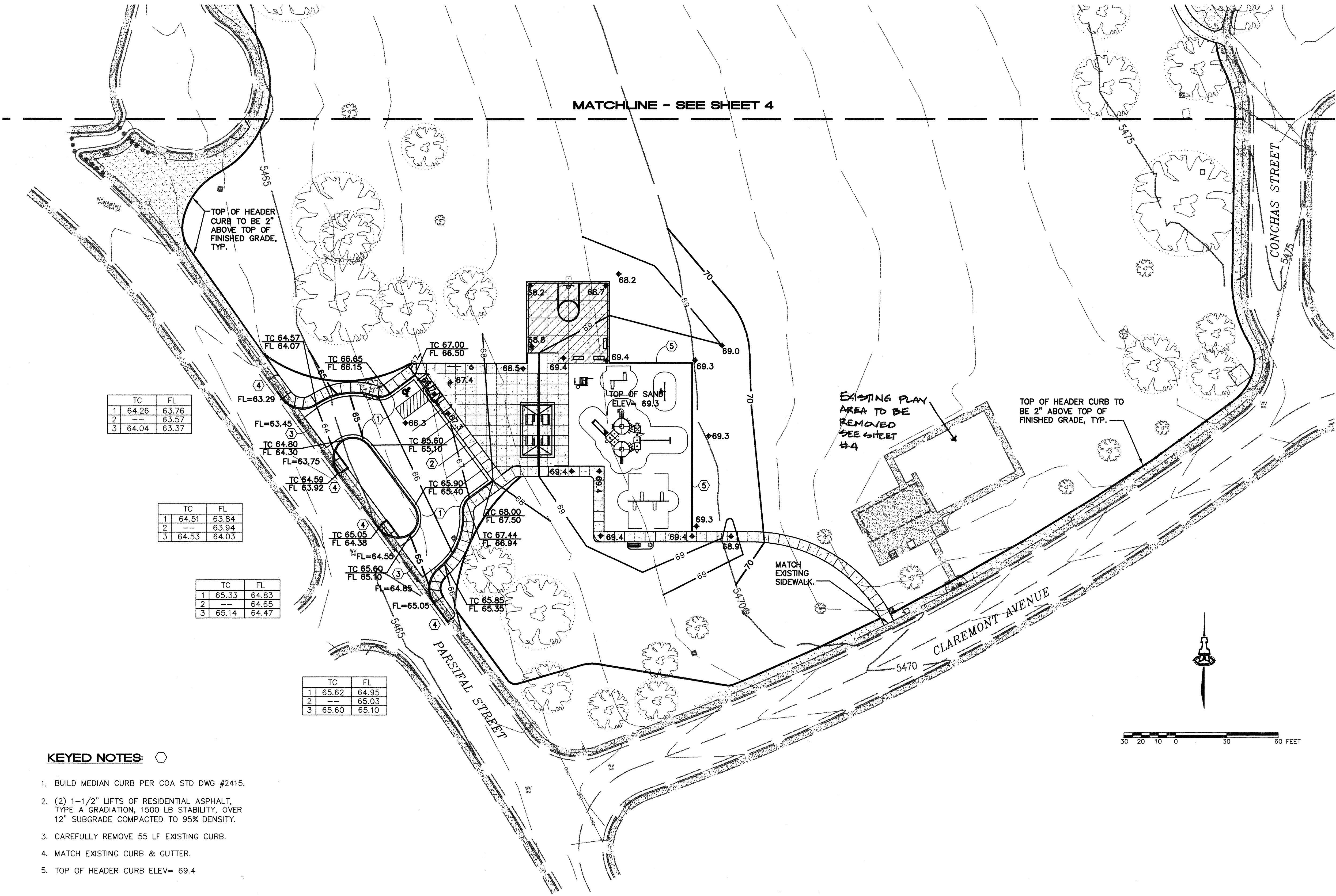
NO.	DATE	REMARKS	BY

AS-BUILT INFORMATION

CONTRACTOR	DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE



TC	FL
1 64.26	63.76
2 --	63.57
3 64.04	63.37

TC	FL
1 64.51	63.84
2 --	63.94
3 64.53	64.03

TC	FL
1 65.33	64.83
2 --	64.65
3 65.14	64.47

TC	FL
1 65.62	64.95
2 --	65.03
3 65.60	65.10

KEYED NOTES: ○

- BUILD MEDIAN CURB PER COA STD DWG #2415.
- (2) 1-1/2" LIFTS OF RESIDENTIAL ASPHALT, TYPE A GRADATION, 1500 LB STABILITY, OVER 12" SUBGRADE COMPACTED TO 95% DENSITY.
- CAREFULLY REMOVE 55 LF EXISTING CURB.
- MATCH EXISTING CURB & GUTTER.
- TOP OF HEADER CURB ELEV= 69.4

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- FLOW ARROW
- FINISH FLOOR ELEVATION
- SIDEWALK CULVERT
- TOP OF CURB FLOWLINE ELEVATION

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87102
209GRD.DWG.rh view2 09/12/02

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: CONCHAS PARK
GRADING & DRAINAGE PLAN

Design Review Committee: [Signature]
City Engineer Approval: [Signature]
City Project No. [Blank] Zone Map No. H-20

Mo./Day/Yr.	Mo./Day/Yr.

Sheet 85 Of 2015

ENGINEER'S SEAL
[Professional Seal: BENJAMIN L. DONAT, 15088, 9/12/02, PROFESSIONAL ENGINEER]

NO.	DATE	REMARKS	BY
		DESIGN	

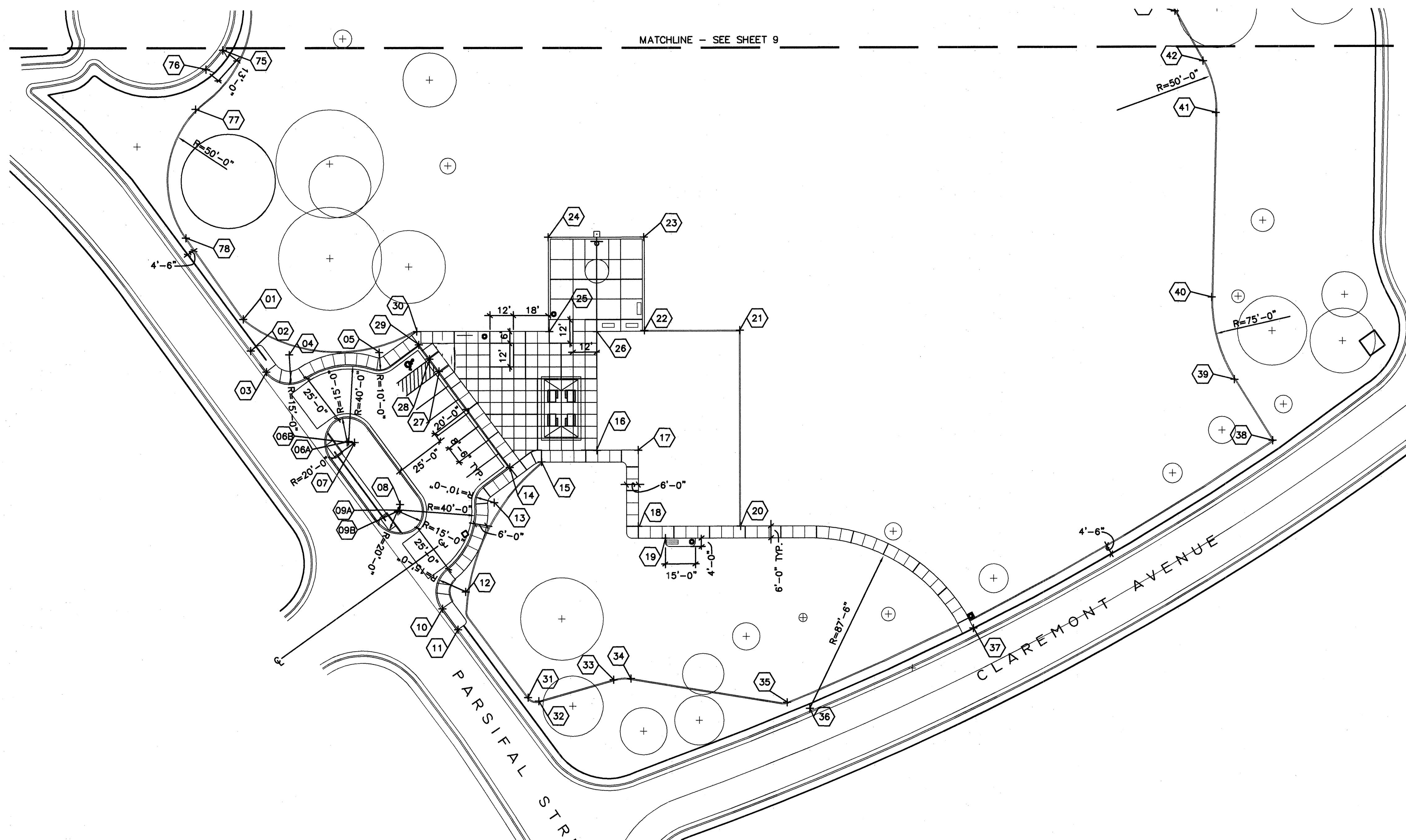
DESIGNED BY	DATE	DRAWN BY	DATE	CHECKED BY	DATE
GLD	03/02	KSH	03/02	GLD	03/02

AS-BUILT INFORMATION	
CONTRACTOR	DATE
INSPECTOR	DATE
FIELD	DATE
VERIFICATION	DATE
CORRECTION	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS	
ACS 3-1/4" ALUMINUM CAP STAMPED "12-H20, 1989" SET FLUSH WITH TOP OF CURB IN CENTER MEDIAN LOCATED ON MENAUL BLVD. NE. 48.1' WEST OF CENTERLINE OF PARSIPAL ST. X=414290.22, Y=1495028.63, NM CENTRAL ZONE (NAD 1927) ELEVATION= 5467.759 (SLD 1929)	

SURVEY INFORMATION	
FIELD	NOTES





DIMENSION PLAN - SOUTH

Scale: 1"=30'-0"

1

POINT COORDINATES - EASTING - NORTHING

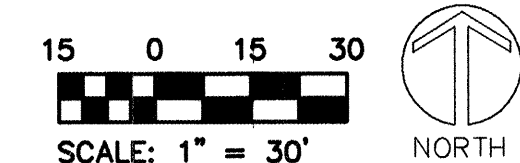
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4. X=414933.14	Y=1496200.56	56. X=415363.18	Y=1496516.95
5. X=414978.61	Y=1496201.72	57. X=415358.40	Y=1496522.10
6A. X=414963.12	Y=1496156.85	58. X=415277.46	Y=1496623.33
6B. X=414987.97	Y=1496121.73	59. X=415268.99	Y=1496643.86
7. X=414966.13	Y=1496156.28	60. X=415265.24	Y=1496676.04
8. X=414989.06	Y=1496125.15	61. X=415270.32	Y=1496637.11
9A. X=414988.73	Y=1496122.31	62. X=415262.01	Y=1496636.61
9B. X=414962.38	Y=1496156.38	63. X=415258.19	Y=1496637.13
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the Landscape Group

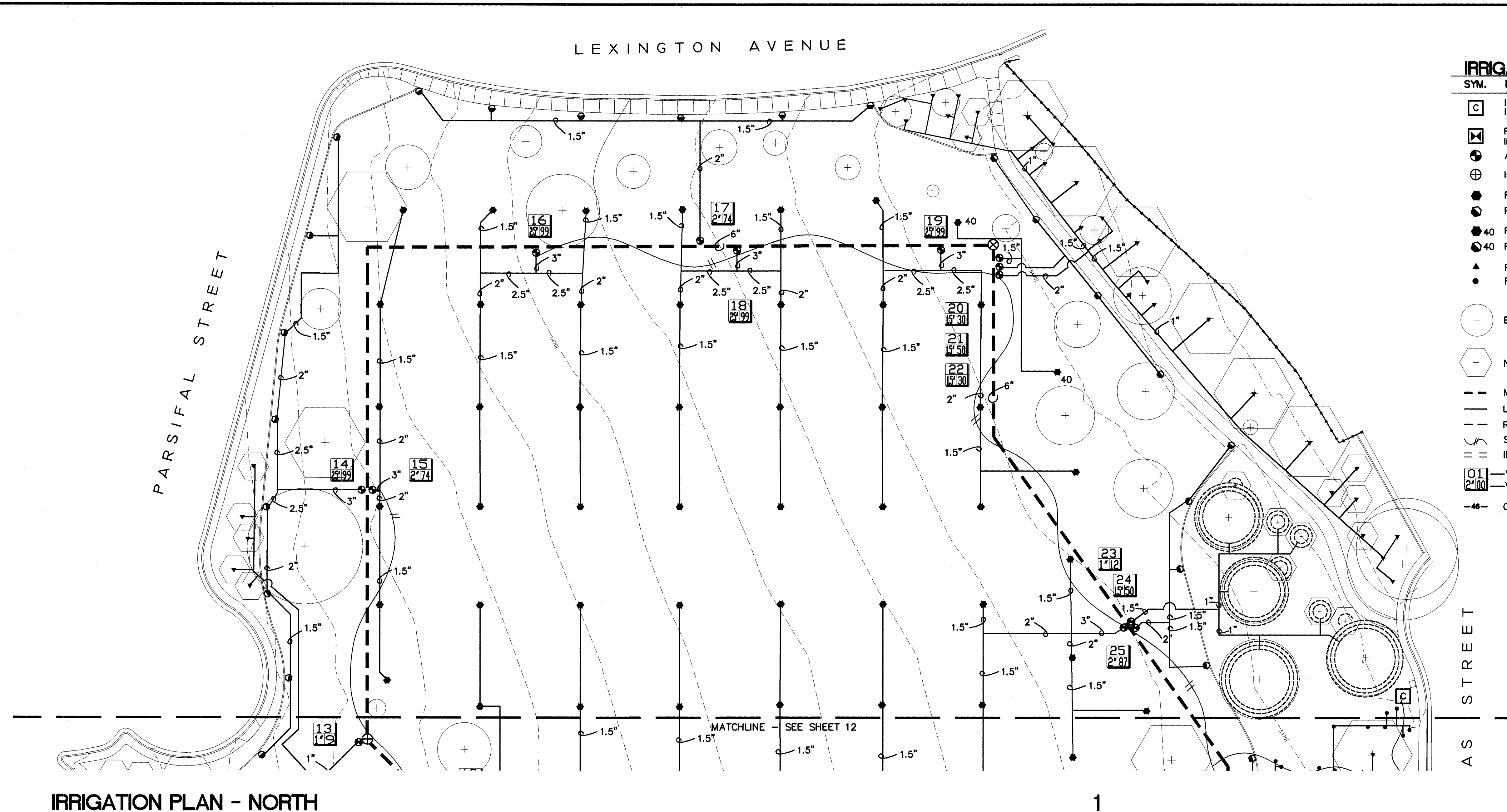
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285 CORTES AVENUE NW ALBUQUERQUE, NEW MEXICO 87104
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9/13/02



CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: CONCHAS PARK DIMENSION PLAN - SOUTH	
Design Review Committee APPROVED OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED OCT - 3 2002 CITY ENGINEER
City Project No. 674802	Zone Map No. H-20
Sheet 10	Of 20



IRRIGATION SCHEDULE

SYM.	PRODUCT DESCRIPTION
	IRRIGATION CONTROLLER - IRRINET 60 STATION IN AN INTERSPEC BOX
	REDUCED PRESSURE BACKFLOW PREVENTION UNIT - 6" IN A HOTBOX
	AUTOMATIC VALVE - RAINBIRD PEB SERIES SIZED PER PLAN
	IRON BODY GATE VALVE - SAME SIZE AS LINE
	FULL CIRCLE ROTOR - HUNTER I-40-36S-42 - 12.3 GPM
	PART CIRCLE ROTOR - HUNTER I-40-ADS-42 - 12.3 GPM
	FULL CIRCLE ROTOR - HUNTER I-40-36S-40 - 8.5 GPM
	PART CIRCLE ROTOR - HUNTER I-40-ADS-40 - 8.5 GPM
	FLOOD BUBBLER - HUNTER PCB-10 - 1.0 GPM
	FLOOD BUBBLER - HUNTER PCB-25 - .25 GPM

	EXISTING TREE LOCATION
	NEW TREE LOCATION
	MAINLINE - SIZED PER PLAN - SEE GENERAL NOTES
	LATERAL SCHEDULE 40 PVC SIZED PER PLAN
	RAINBIRD PC DRIPLINE DP1609-24
	SOLID COPPER DIRECT BURIAL CONTROL WIRE
	IRRIGATION SLEEVE
	VALVE I.D.
	VALVE SIZE VALVE GPM
	CONTOUR LINE

VALVE LEGEND

VALVE NO.	HEAD OR EMITTER TYPE	NOZZLE SIZE	VALVE SIZE	GPM
01	1-40 ROTOR - FULL	42	2.5"	99
02	1-40 ROTOR - HALF	42	2"	87
03	1-40 ROTOR - FULL	42	1"	37
04	1-40 ROTOR - HALF	42	2"	87
05	1-40 ROTOR - FULL	42	2.5"	99
06	1-40 ROTOR - QUARTER	42	1.5"	50
07	1-40 ROTOR - FULL	42	2"	87
08	1-40 ROTOR - TRI. QT.	42	1.5"	50
09	1-40 ROTOR - FULL	42	2"	74
10	FLOOD BUBBLER	.25/1.0 GPM	1"	14
11	1-40 ROTOR - HALF	42	1.5"	62
12	1-40 ROTOR - FULL	42	2.5"	99
13	FLOOD BUBBLER	.25/1.0 GPM	1"	9
14	1-40 ROTOR - HALF	42	2.5"	99
15	1-40 ROTOR - FULL	42	2"	74
16	1-40 ROTOR - FULL	42	2.5"	99
17	1-40 ROTOR - HALF	42	2"	74
18	1-40 ROTOR - FULL	42	2.5"	99
19	1-40 ROTOR - HALF	42	2.5"	99
20	1-40 ROTOR - FULL	42	1.5"	30
21	1-40 ROTOR - HALF	42	1.5"	50
22	FLOOD BUBBLER	.25/1.0 GPM	1.5"	30
23	DRIP TUBING	.9 GPH	1"	12
24	1-40 ROTOR - HALF	42	1.5"	50
25	1-40 ROTOR - FULL	42	2"	87
26	FLOOD BUBBLER	.25/1.0 GPM	1"	20
27	1-40 ROTOR - HALF	42	1.5"	50

IRRIGATION SCHEDULE

PROGRAM	VALVES	PR CALC	RUN TIME	CYCLES	TOTAL GPM	COMMENTS
1	1,3,5,7	.473	64	1	322	
2	9,12,15,20	.473	64	1	277	
3	16,18,25	.473	64	1	285	
4	2,4,11,21,24	.946	32	1	336	
5	14,17,19,27	.946	32	1	322	
6	6	1.892	16	1	50	
7	8	.710	48	1	50	
8	10,13,22,26	NA	4	1	73	
9	23	NA	60	1	12	
99	M				336	MAX FLOW @ MASTER
TOTAL RUN TIME FOR ROTOR HEADS			320			APPLIES 1/2" IN 5.33 HOURS

CU AND DU CALCULATIONS

FOR 1-40 ROTORS WITH A #42 NOZZLE SPACED 50' OC - SQUARE SPACING
ASSUMED 60 PSI - CU 93%, DU 86% - AS REPORTED BY MANUFACTURER

GENERAL IRRIGATION NOTES

- CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS PERTINENT TO THIS WORK.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES AND TO AVOID DAMAGE TO THE SAME.
- THE CONTRACTOR WILL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN OF THE SYSTEM. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE LANDSCAPE ARCHITECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- IRRIGATION SYSTEM HAS BEEN DESIGNED TO AN OPERATING STATIC PRESSURE OF 70 PSI AT THE POINT OF CONNECTION. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCY.
- ALL VALVE BOXES TO BE PLACED NO FURTHER THAN 6 INCHES FROM NEAREST CURB, SIDEWALK, OR INDICATED PAVED SURFACE.
- ALL PRESSURE LINES TO BE SCHEDULE 40 PVC AT A MINIMUM DEPTH OF 24 INCHES BELOW FINISH GRADE.
- ALL LATERAL AND DISTRIBUTION LINES TO BE SCHEDULE 40 PVC AT A MINIMUM DEPTH OF 12 INCHES BELOW FINISH GRADE.
- ACTUAL FIELD CONDITIONS MAY NECESSITATE ADDING, DELETING OR MAKING MINOR ADJUSTMENTS IN SPACING OF SPRAY HEADS TO INSURE UNIFORM COVERAGE AND DISTRIBUTION.
- ALL CONTROL WIRE IS TO BE SOLID COPPER UL APPROVED, INSTALLED AS PER LOCAL CODE. RUNS LESS THAN 500 FT. SHALL BE #14 GAUGE. RUNS GREATER THAN 500 FT. SHALL BE #12 GAUGE. PROVIDE A 24 INCH LOOP AT EACH WIRE SPLICE OR POINT OF CONNECTION. SNAKE WIRE IN TRENCHES.
- RETURN EXISTING BERMAD FLOWMETER, CONTROLLER, HEADS, AND VALVES TO PARK MANAGEMENT. CALL JIM DUNN AT 857-8104.

the
Landscape
Group

LANDSCAPE & GOLF COURSE ARCHITECTURE
800 COPPER AVENUE NW ALBUQUERQUE, NEW MEXICO 87105
TEL: (505) 265-2266 FAX: (505) 265-4607

CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: CONCHAS PARK
IRRIGATION PLAN - NORTH

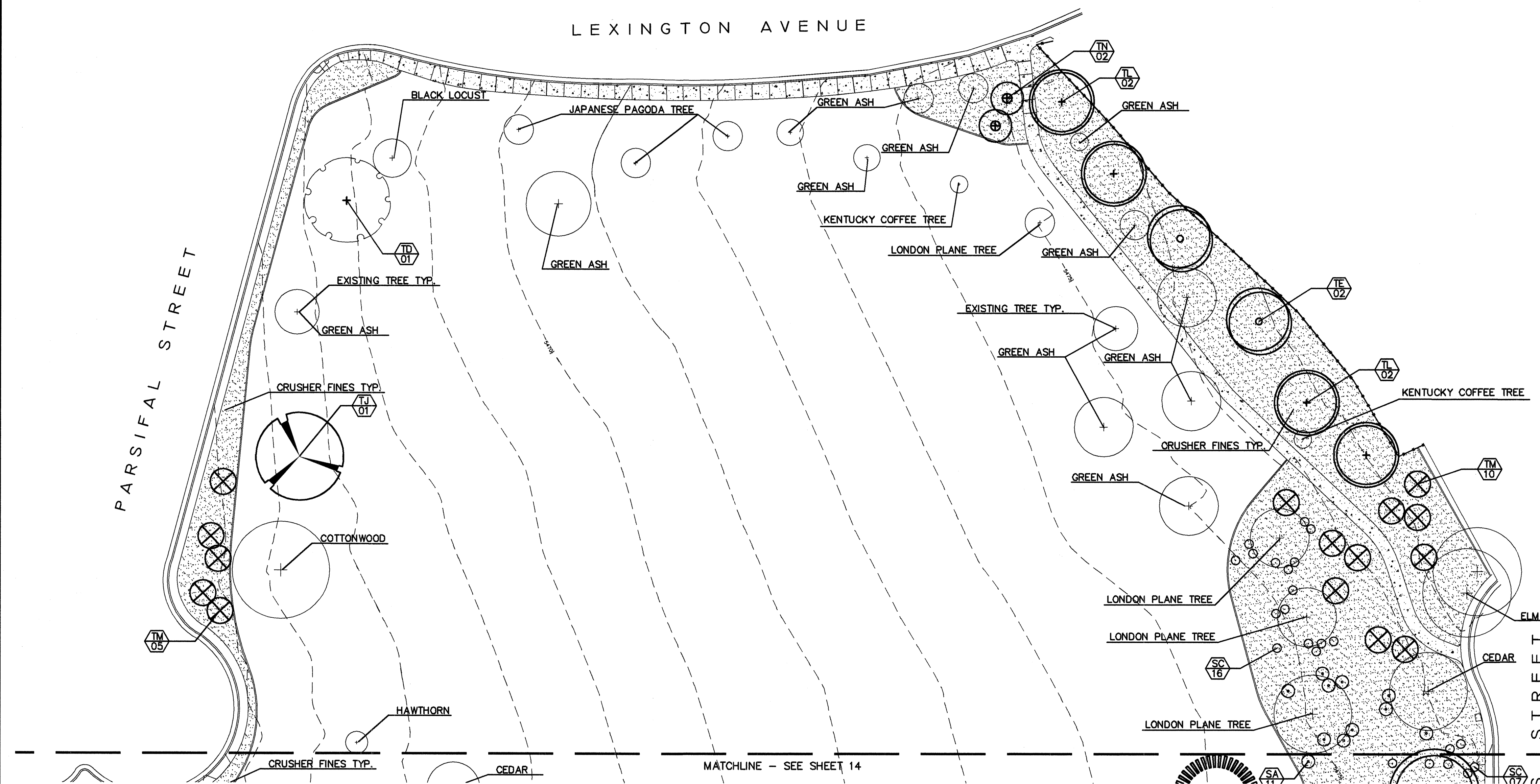
Design Review Committee APPROVED OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED OCT - 3 2002 CITY ENGINEER
--	---

City Project No. 674802

Zone Map No. H-20

Sheet 11

Of 20



PLANT LEGEND

1

MATCHLINE - SEE SHEET 14

15 0 15 30
SCALE: 1" = 30'



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LANDSCAPE & GOLF COURSE ARCHITECTURE
 269 COPPER AVENUE NW ALBUQUERQUE NEW MEXICO 87102
 TEL (505) 265-2366 FAX (505) 265-0637

ARCHITECT'S SEAL

STATE OF NEW MEXICO
GREGORY MILLER
REGISTERED ARCHITECT
NO. 12345

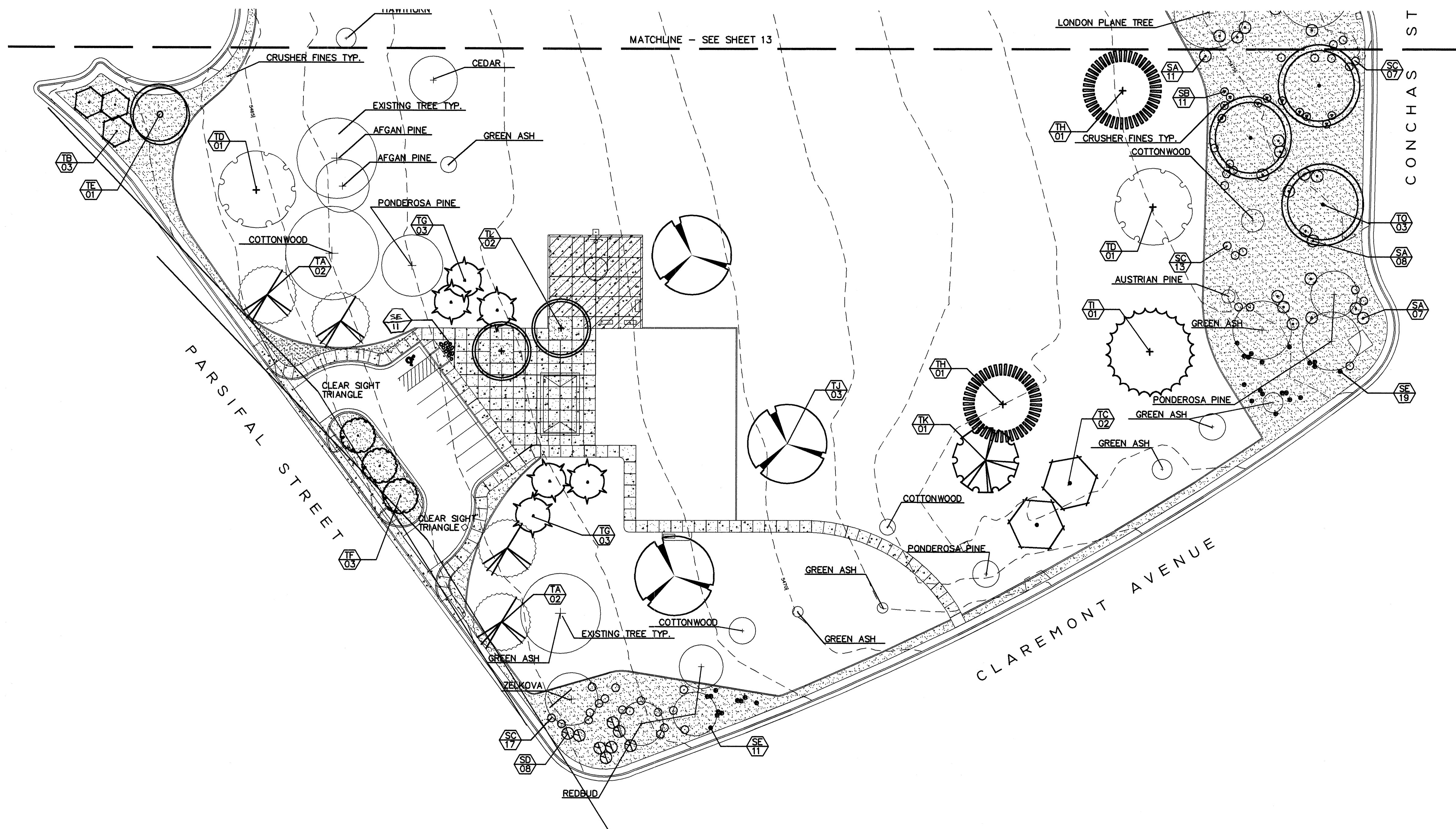
9/13/02

[illegible]CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: CONCHAS PARK
PLANTING PLAN - NORTH

Design Review Committee A P P R O V E D OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval A P P R O V E D OCT - 3 2002 CITY ENGINEER
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City Project No.	674802	Zone Map No.	H-20	Sheet	13	Of	20
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PLANTING PLAN - SOUTH

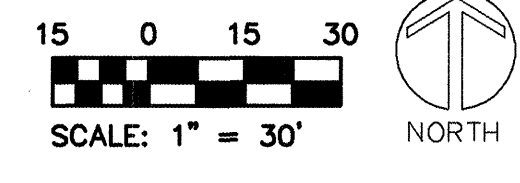
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PLANT LEGEND

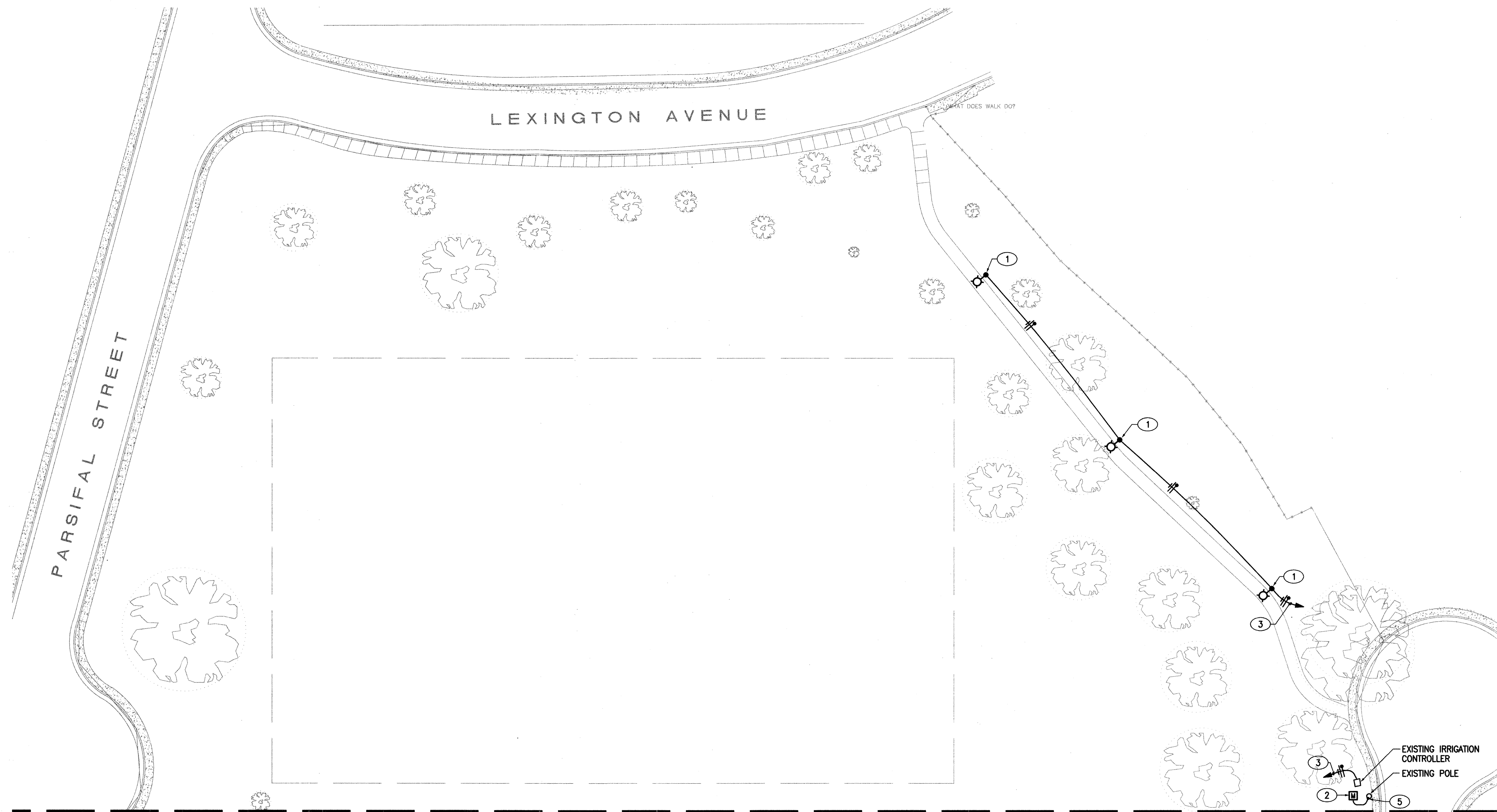
KEY	SCIENTIFIC NAME	COMMON NAME
TREES		
TA	SELKOVA SERRATA	ZELKOVA
TB	CRATAEGUS CRUS-GALLI 'INERMIS'	THORNLESS HAWTHORN
TC	FRAXINUS ANGUSTIFOLIA 'RAYWOOD'	RAYWOOD ASH
TD	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE
TE	KOELREUTERIA PANICULATA	GOLDENRAIN TREE
TF	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER PEAR
TG	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
TH	PINUS NIGRA	AUSTRIAN PINE
TI	PLATANUS X ACERIFOLIA	LONDON PLANE TREE
TJ	QUERCUS SHUMARDII	SHUMARD RED OAK
TK	PINUS MONITOLA	WESTERN WHITE PINE
TL	SOPHORA JAPONICA 'REGENT'	JAPANESE PAGODA TREE
TM	CRATAEGUS CRUS-GALLI 'INERMIS'	THORNLESS HAWTHORN
TN	CERCIS CANADENSIS	REDBUD
TO	LIQUIDAMBAR STYRACIFLUA	SWEETGUM
SHRUBS		
SA	RHUS TRILOBATA	THREE LEAF SUMAC
SB	RIESES AUREUM	GOLDEN CURRANT
SC	CARYOPTERIS X CLANDONENSIS	BLUE MIST SPIREA
SD	JUNIPERUS 'SABINA' 'BLUE CARPET'	BLUE CARPET JUNIPER
SE	MUHLENBERGIA CAPILLARIS 'REGAL MIST'	REGAL MIST

GROUND COVER
GA COA TURF GRASS MIX FESCUE - PERENNIAL RYE - BLUEGRASS
AS NEEDED TO REPAIR TURF DAMAGE DUE TO IRRIGATION INSTALLATION



CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: CONCHAS PARK PLANTING PLAN - SOUTH	
Design Review Committee APPROVE OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE OCT - 3 2002 CITY ENGINEER
City Project No. 674802	Zone Map No. H-20
Sheet 14	Of 20

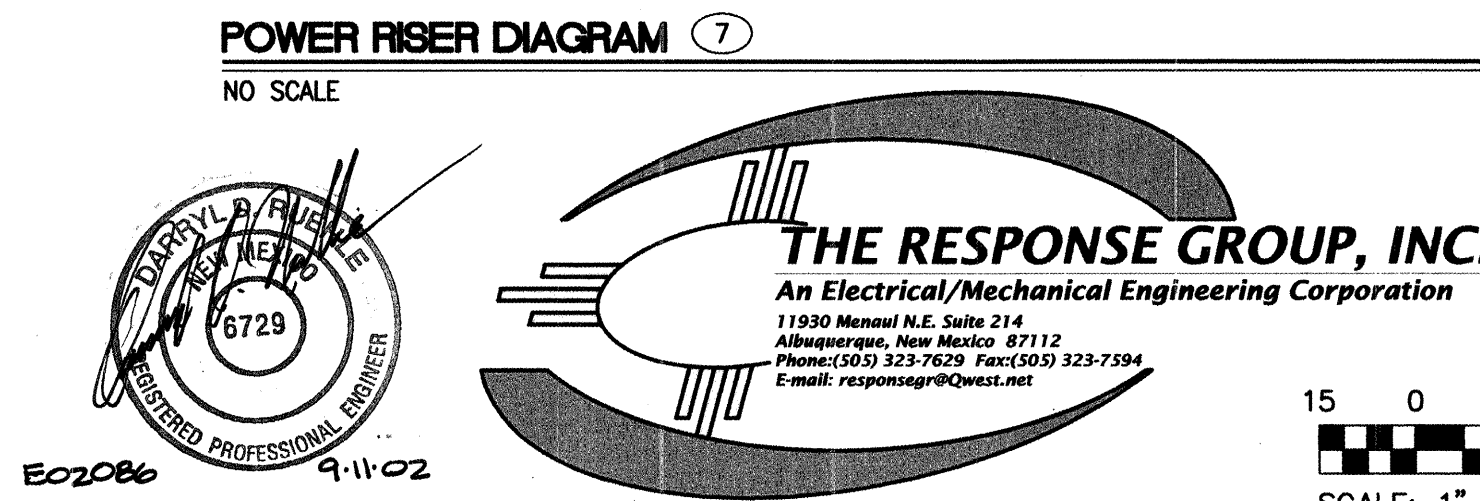
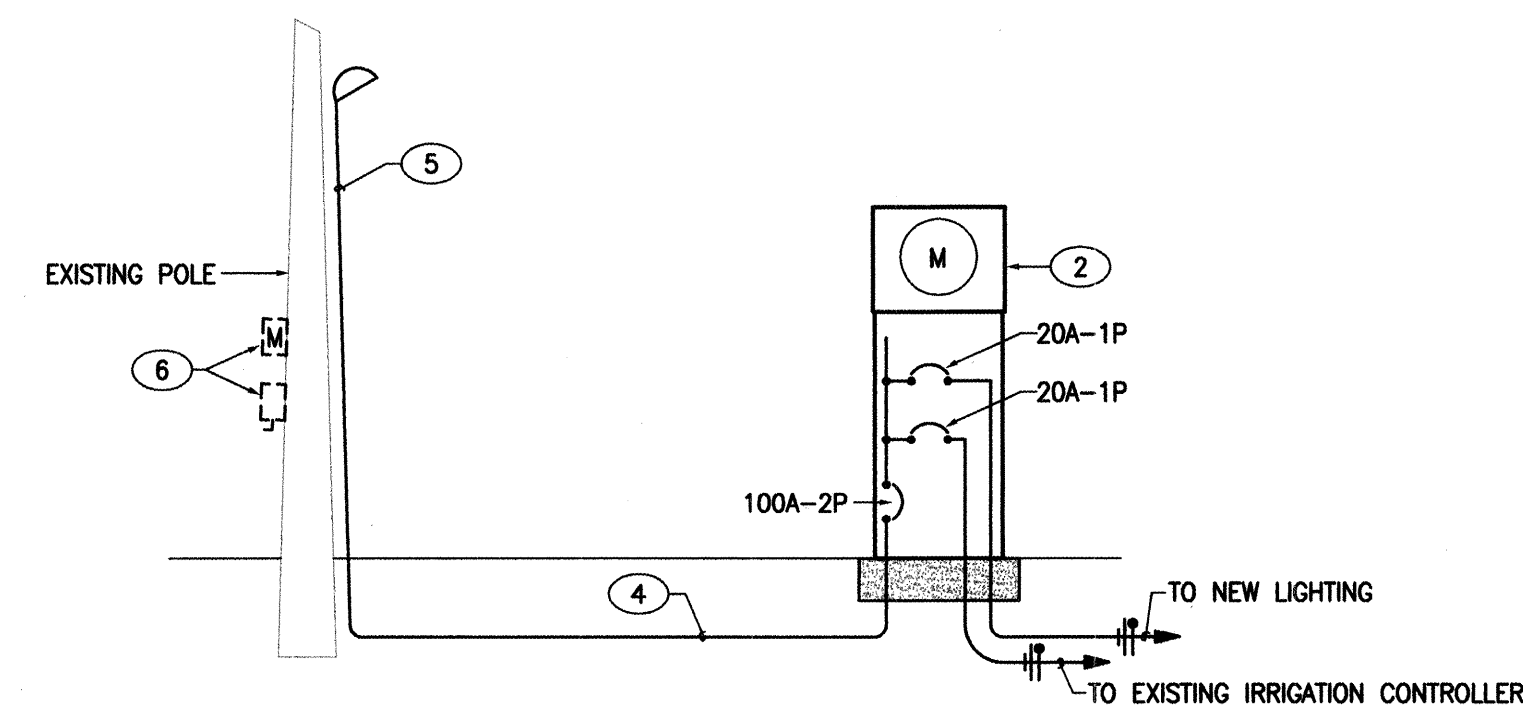
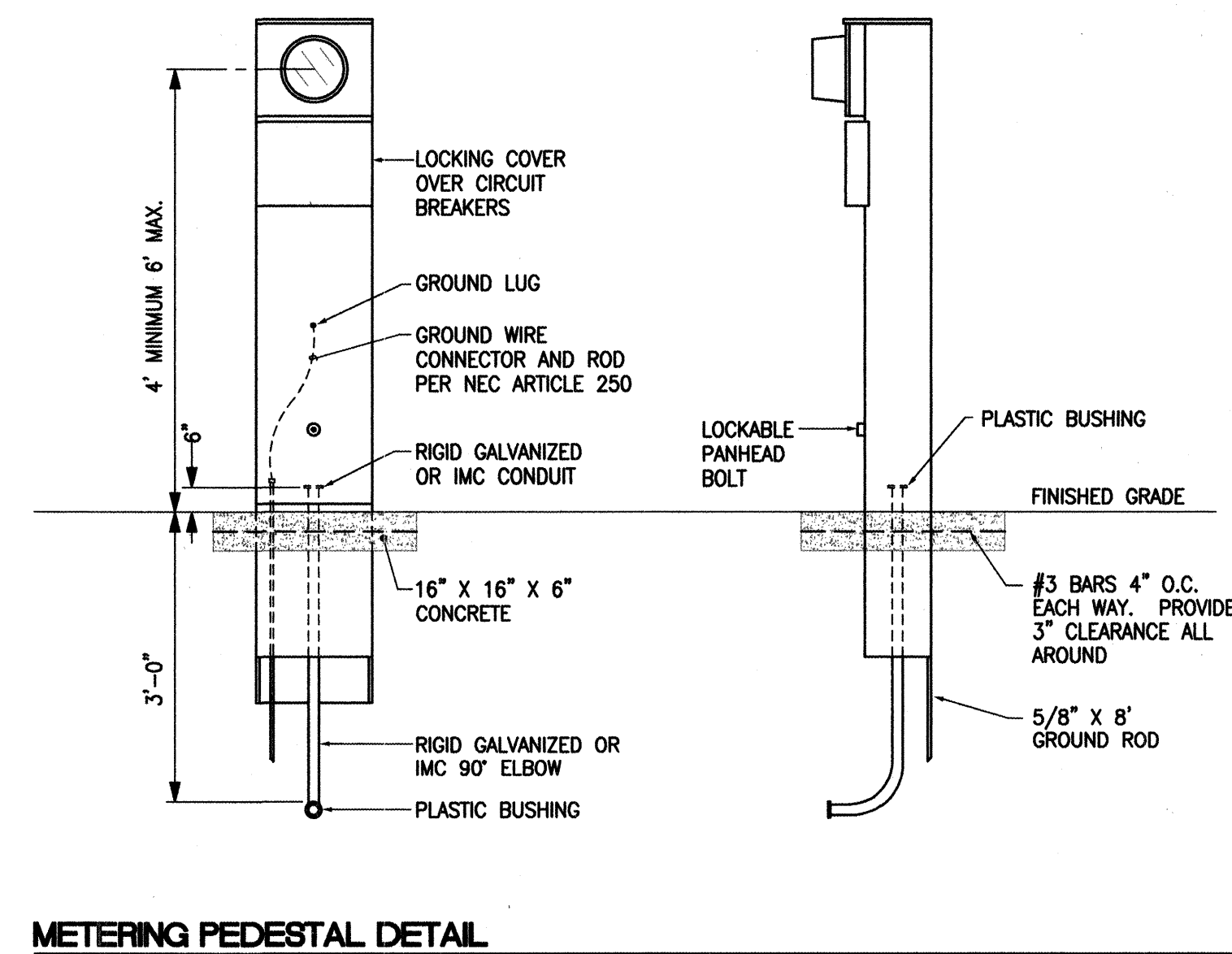
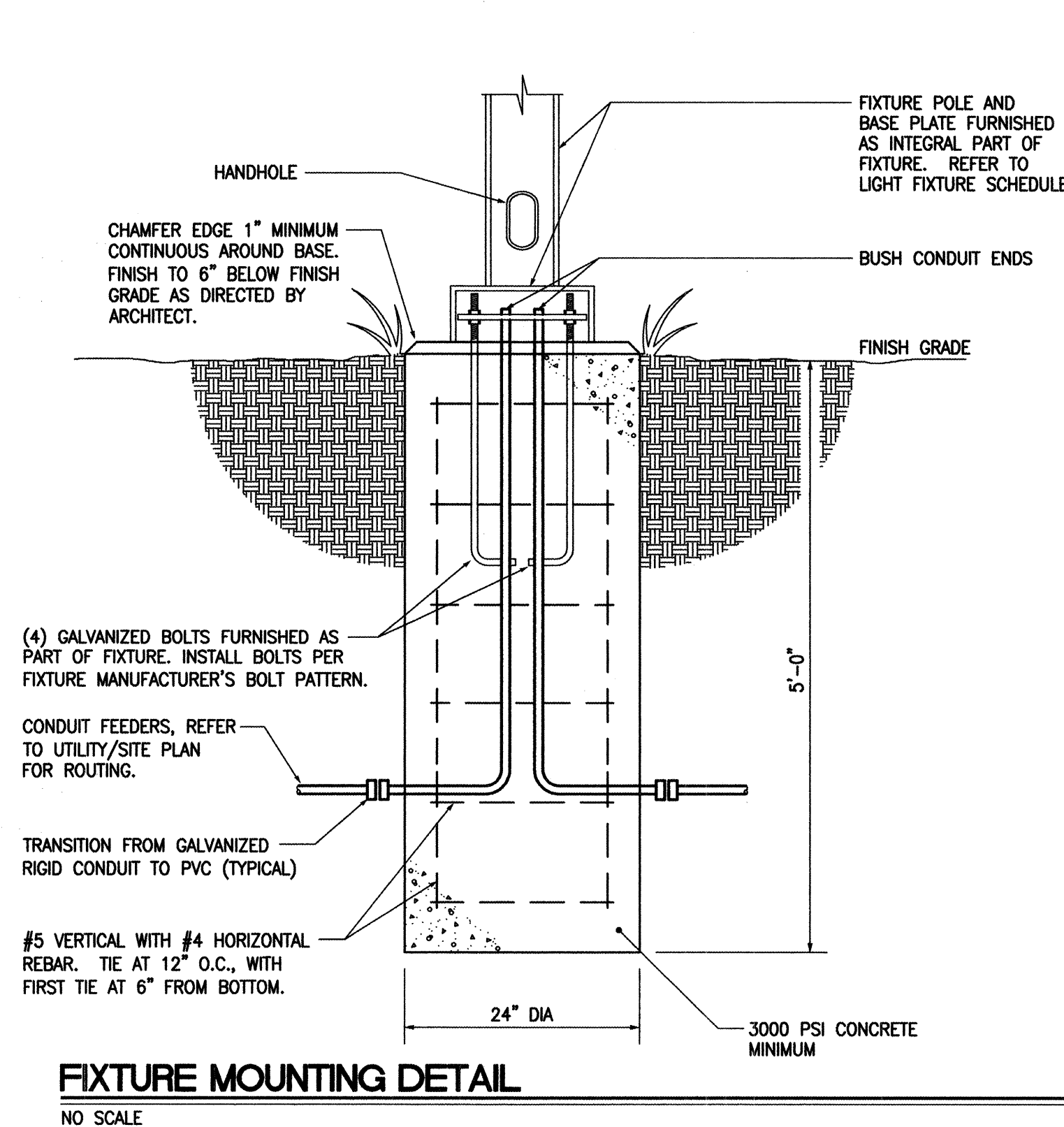
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NO.	BY	DATE	ACCS 3-1/4" ALUMINUM CAP STAMPED "12-420, 1989". SET FLUSH WITH TOP OF CURB IN CENTER MEDIAN LOCATED ON MENAUL BLVD. NE. 48.1' WEST OF CENTERLINE OF PARSIFAL ST. X=41230.22, Y=1495028.63, NM CENTRAL ZONE (NAD 1927) ELEVATION = 5467.759 (SLD 1929)	CONTRACTOR	NO.
				WORK STAKED BY	
				INSPECTORS APPROVAL	
				DATE:	
				FIELD VERIFICATION BY	
				DATE:	
				DRAWING CORRECTED BY	
				DATE:	
				MICRO-FILM INFORMATION	
				RECORDED BY	
				DATE:	



ELECTRICAL PLAN - NORTH

Scale: 1"=30'-0"

MATCH LINE - REFER TO SHEET 16 FOR CONTINUATION



15 0 15 30
SCALE: 1" = 30'
NORTH

KEYED NOTES

- 1 NEW FIXTURE SHALL BE US ARCHITECTURAL LIGHTING #VNDL-II-175-MH-120-PTA-DBM-PC120, WITH #RNTS-124-11-DBM POLE. REFER TO MOUNTING DETAIL, ON THIS SHEET, FOR ADDITIONAL INFORMATION.
- 2 120/240 VOLT SINGLE PHASE 100 AMP METERING PEDESTAL WITH A 100A-2P MAIN BREAKER AND A MINIMUM OF FOUR 20A-1P BRANCH CIRCUIT BREAKERS. REFER TO DETAIL THIS SHEET FOR MOUNTING. COORDINATE EXACT REQUIREMENTS WITH PNM.
- 3 EXTEND CIRCUIT(S) TO 20A-1P CIRCUIT BREAKERS LOCATED IN METERING PEDESTAL.
- 4 (3) #2 THWN AND (1) #8 THWN GROUND IN 2" CONDUIT.
- 5 RISER UP POLE PER PNM REQUIREMENTS.
- 6 REMOVE EXISTING METER SOCKET, DISCONNECT SWITCH AND ASSOCIATED CONDUIT AND CONDUCTORS.
- 7 CONTRACTOR SHALL COORDINATE ALL WORK WITH PNM.

WARNING

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 UTILITY OR PIPELINE COMPANY, THE OWNER OR BY OTHERS, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES.

THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFORE. THE CONTRACTOR SHALL INFORM ITSELF TO 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 OF ANY AND ALL DAMAGE CAUSED BY IT'S FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. 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 IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES, OR OTHERWISE.

ELECTRICAL SPECIFICATIONS

1. THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL FACILITIES IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, PLANS AND ASSOCIATED NOTES. NATIONAL ELECTRICAL CODE, STATE & LOCAL CODES, AND IN A WORKMANLIKE MANNER.
2. CONTRACTOR SHALL BECOME FAMILIAR WITH EXISTING CONDITIONS AT JOB SITE.
3. THE ELECTRICAL CONTRACTOR SHALL INCLUDE IN HIS BID THE COSTS OF ALL PERMITS, TESTS AND INSPECTIONS, AND VISIT THE SITE OF WORK BEFORE SUBMITTING BID.
4. THE ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH THE OTHER TRADES.
5. THE ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIAL FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE.
6. A SET OF MARKED UP PRINTS SHALL BE PREPARED SHOWING ALL CHANGES MADE DURING CONSTRUCTION AND TURN IT OVER TO THE OWNER AT THE END OF THE JOB. ALL CHANGES MUST HAVE THE OWNERS APPROVAL.
7. ANY DISCREPANCY BETWEEN MATERIAL DESCRIPTION AND CATALOG NO. SHALL BE BROUGHT TO THE ARCHITECTS, ENGINEERS, OR OWNERS ATTENTION IMMEDIATELY.
8. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL LIGHTING FIXTURES.
9. ALL CONDUCTORS TO BE #12 AWG THWN EXCEPT WHERE OTHERWISE SHOWN OR NOTED. IT IS PERMISSIBLE FOR THE CONTRACTOR TO USE THIN WIRING IN EXISTING CONDUITS.
10. 120 VOLT BRANCH CIRCUIT RUNS WHICH EXCEED ONE HUNDRED FEET IN LENGTH SHALL BE #10 THWN.
11. ALL CONDUIT WHICH COMES IN CONTACT WITH EARTH SHALL BE WRAPPED IN SCOTCH WRAP #51 OR PLASTIC COATED. ALL FEEDERS AND HOMERUNS SHALL BE #1 MINIMUM.

the Landscape Group
LANDSCAPE & GOLF COURSE ARCHITECTURE
300 COTTON AVENUE NW ALBUQUERQUE, NEW MEXICO 87102
TEL (505) 265-2555 FAX (505) 265-9457

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT	
TITLE: CONCHAS PARK ELECTRICAL PLAN - NORTH	
Design Review Committee APPROVED OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED OCT - 3 2002 CITY ENGINEER
City Project No. 674802	Zone Map No. H-20
Sheet 15	Of 20

AS BUILT INFORMATION		BENCH MARK		SURVEY INFORMATION		LANDSCAPE ARCHITECT'S SEAL	
CONTRACTOR	WORK STAKED BY	DATE:	DATE:	FIELD NOTES	DATE	NO.	BY
INSPECTORS APPROVAL	FIELD VERIFICATION BY	DATE:	DATE:	NO.	DATE	NO.	DATE
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RECORDED BY	NO.	DATE:	DATE:	NO.	DATE	NO.	DATE

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The Response Group, Inc.

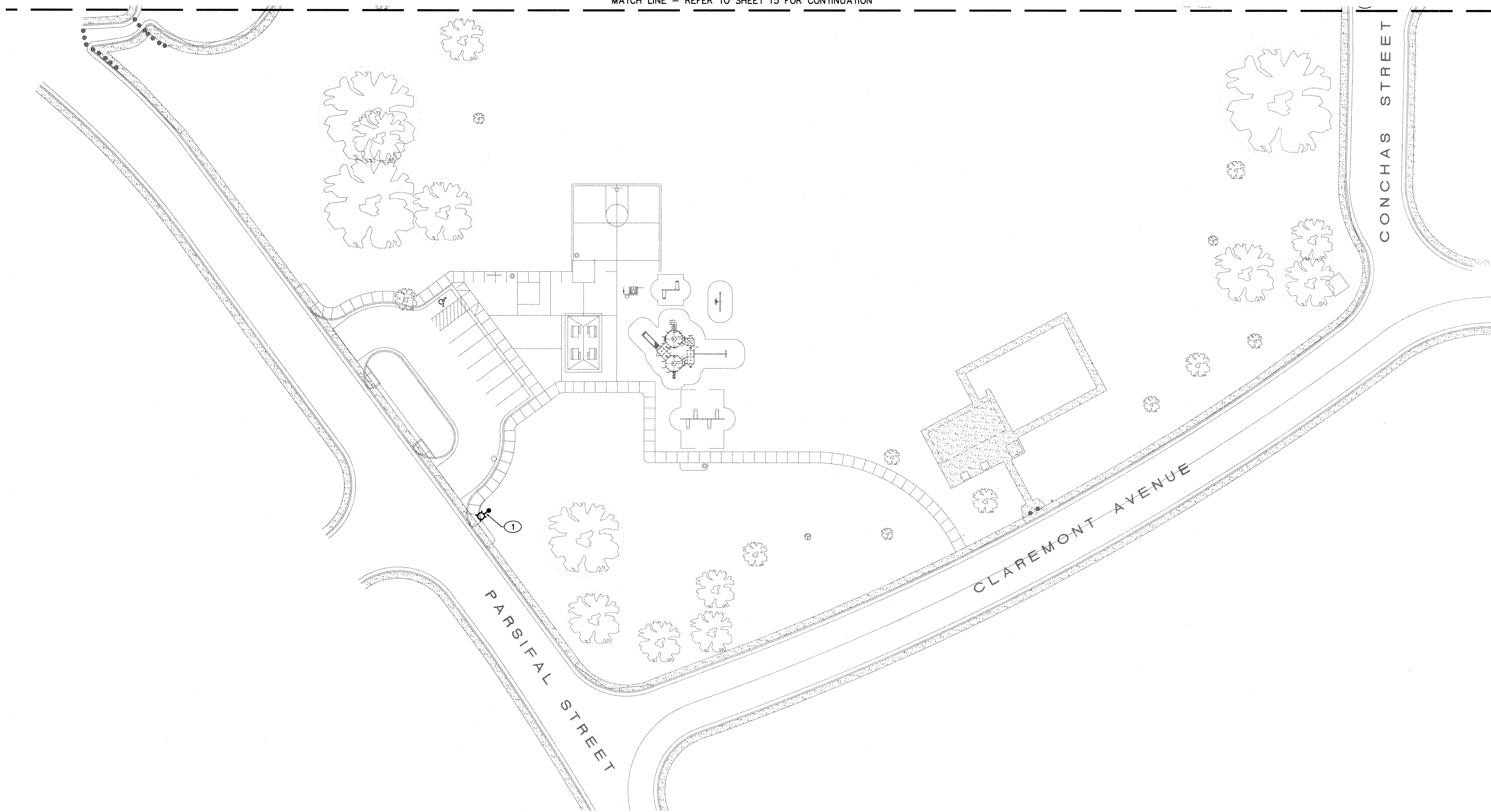
ELECTRICAL PLAN - SOUTH

Scale: 1"=30'-0"

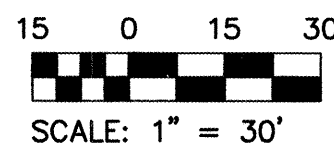
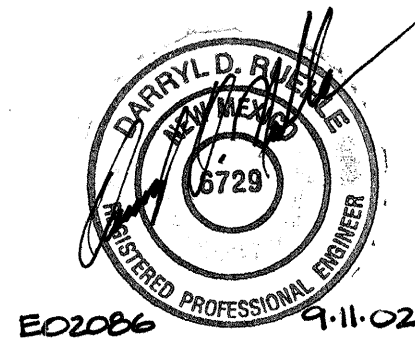
MATCH LINE - REFER TO SHEET 15 FOR CONTINUATION

KEYED NOTES

- 1 NEW LOCATION OF EXISTING PNM WOOD POLE AND STREET LIGHT. THE ELECTRICAL CONTRACTOR SHALL CONTACT PNM FOR RELOCATION OF POLE AND OVERHEAD LINES.

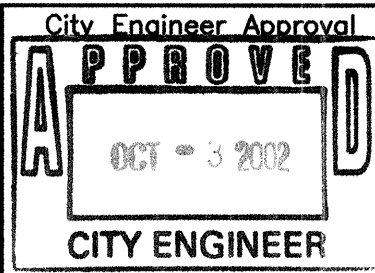
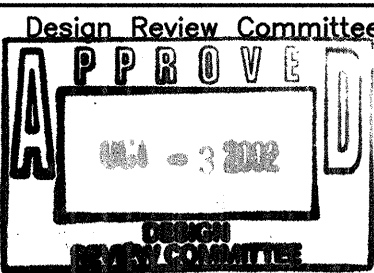


the Landscape Group
LANDSCAPE & GOLF COURSE ARCHITECTURE
808 CORRAL AVENUE NW ALBUQUERQUE, NEW MEXICO 87102
TEL: (505) 268-2566 FAX: (505) 268-6967



CITY OF ALBUQUERQUE
PARKS AND RECREATION DEPARTMENT

TITLE: CONCHAS PARK
ELECTRICAL PLAN - SOUTH



City Project No. 674802

Zone Map No. H-20

Sheet 16 of 20

LANDSCAPE ARCHITECT'S SEAL		SURVEY INFORMATION		BENCH MARK		AS BUILT INFORMATION	
		FIELD NOTES		ACS 3-1/4" ALUMINUM CAP STAMPED "12-H20, 1989".		CONTRACTOR	
		NO.	BY				
						WORK STAKED BY	DATE:
						INSPECTORS APPROVAL	DATE:
						FIELD VERIFICATION BY	DATE:
						DRAWING CORRECTED BY	DATE:
						MICRO-FILM INFORMATION	
						RECORDED BY	DATE:
						NO.	

Designed By: TRG	Date: 9/13/2002
Drawn By: TRG	Date: 9/13/2002
Checked By: TRG	Date: 9/13/2002

IRRIGATION SCHEDULE

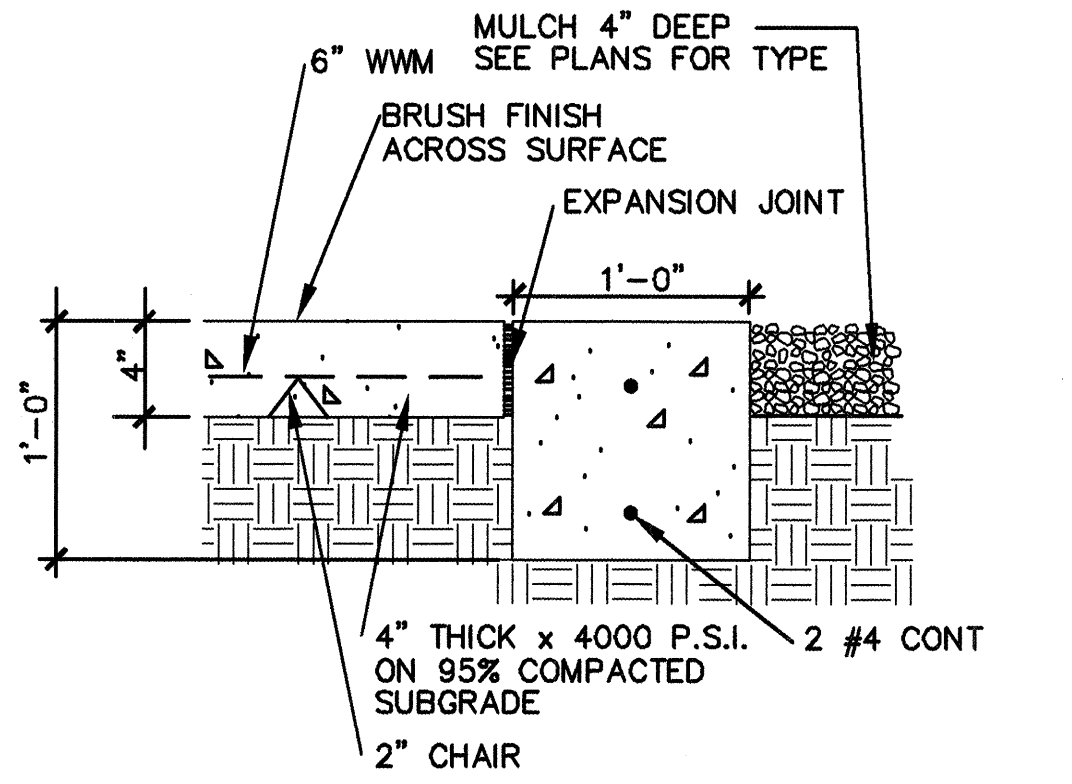
SYM.	PRODUCT DESCRIPTION
	IRRIGATION CONTROLLER - IRRINET 60 STATION IN AN INTERSPEC BOX
	REDUCED PRESSURE BACKFLOW PREVENTION UNIT - 6" IN A HOTBOX
	AUTOMATIC VALVE - RAINBIRD PEB SERIES SIZED PER PLAN
	IRON BODY GATE VALVE - SAME SIZE AS LINE
	FULL CIRCLE ROTOR - HUNTER I-40-36S-42 - 12.3 GPM
	PART CIRCLE ROTOR - HUNTER I-40-ADS-42 - 12.3 GPM
	FULL CIRCLE ROTOR - HUNTER I-40-36S-40 - 8.5 GPM
	PART CIRCLE ROTOR - HUNTER I-40-ADS-40 - 8.5 GPM
	FLOOD BUBBLER - HUNTER PCB-10 - 1.0 GPM
	FLOOD BUBBLER - HUNTER PCB-25 - .25 GPM
	EXISTING TREE LOCATION
	NEW TREE LOCATION
	MAINLINE - SIZED PER PLAN - SEE GENERAL NOTES
	LATERAL SHEDULE 40 PVC SIZED PER PLAN
	RAINBIRD PC DRIPLINE DP1609-24
	SOLID COPPER DIRECT BURIAL CONTROL WRE
	IRRIGATION SLEEVE
	VALVE I.D.
	VALVE SIZE VALVE GPM
	CONTOUR LINE

PLANT SCHEDULE

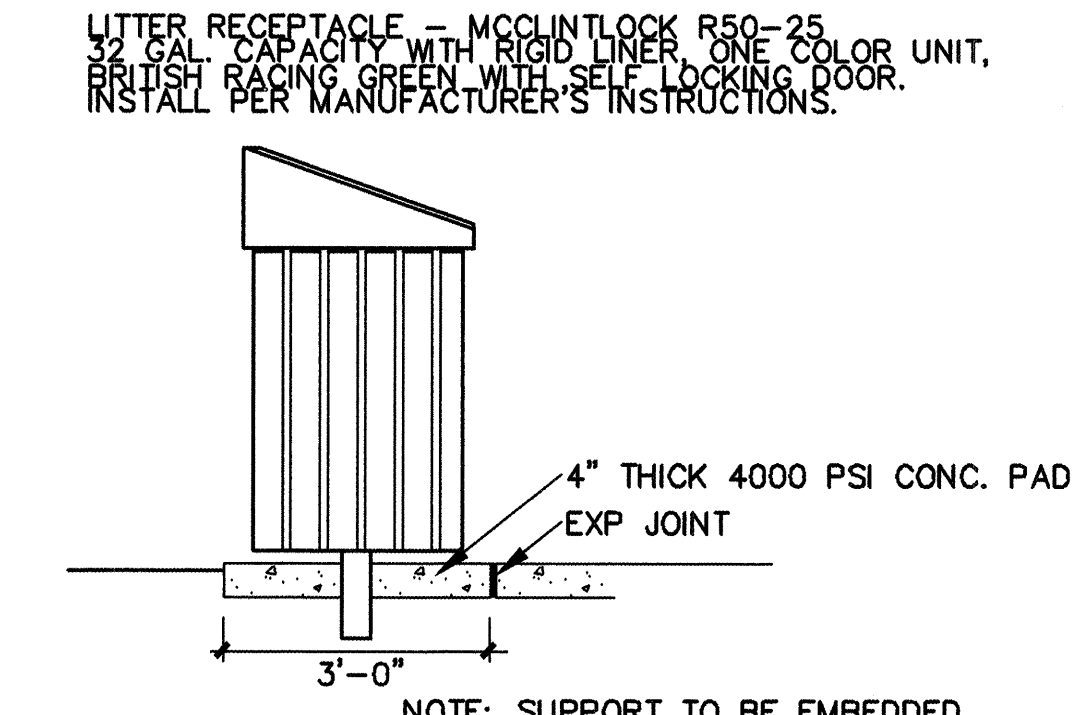
KEY	SCIENTIFIC NAME	COMMON NAME	SIZE	MAT. SIZE	CONDITION	QNTY	WATER USE	REMARKS
TREES								
TA	SELKOVA SERRATA	ZELKOVA	2" CAL	30'T X 20'W	B&B	06	M	MULTI-TRUNK
TB	CRATAEGUS CRUS-GALLI INERMIS	THORNLESS HAWTHORN	2" CAL	20'T X 20'W	B&B	03	M	
TC	FRAXINUS ANGUSTIFOLIA 'RAYWOOD'	RAYWOOD ASH	2 1/2" CAL	35'T X 25'W	B&B	02	M	
TD	GYMNOCLADUS DIOICA	KENTUCKY COFFEE TREE	3" CAL	60'T X 45'W	B&B	02	M	
TE	KOELERIA PANICULATA	GOLDENRAIN TREE	2 1/2" CAL	25'T X 25'W	B&B	03	M	
TF	PYRUS CALLERYANA 'CHANTICLEER'	CHANTICLEER PEAR	2 1/2" CAL	30'T X 20'W	B&B	03	M	
TG	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE	2" CAL	25'T X 20'W	B&B	06	M	
TH	PINUS NIGRA	AUSTRIAN PINE	8' TALL	40'T X 30'W	B&B	02	M	
TJ	PLATANUS X ACERIFOLIA	LONDON PLANE TREE	2 1/2" CAL	50'T X 35'W	B&B	01	M	
TK	QUERCUS SHUMARDII	SHUMARD RED OAK	2 1/2" CAL	60'T X 35'W	B&B	04	M	
TL	PINUS FLEXILIS	LIMBER PINE	8' TALL	40'T X 25'W	B&B	01	M	
TM	SOPHORA JAPONICA 'REGENT'	JAPANESE PAGODA TREE	2 1/2" CAL	35'T X 25'W	B&B	06	M	
TN	CRATAEGUS CRUS-GALI 'INERMIS'	THORNLESS HAWTHORN	6' TALL	10'T X 8'W	B&B	15	M	
TN	CERCIS CANADENSIS	REDBUD	8' TALL	15'T X 15'W	B&B	02	M	
TO	LIQUIDAMBAR STYRACIFLUA	SWEETGUM	2 1/2" CAL	40'T X 25'W	B&B	03	M	
SHRUBS								
SA	RHUS TRILOBATA	THREE LEAF SUMAC	24" TALL	5'T X 5'W	5 GAL	26	M	SEED
SB	RIBES AUREUM	GOLDEN CURRANT	24" TALL	5'T X 5'W	5 GAL	11	M	
SC	CARYOPTERIS X CLANDONENSIS	BLUE MIST SPIREA	18" TALL	3'T X 3'W	5 GAL	53	M	
SD	JUNIPERUS SABINA 'BLUE CARPET'	BLUE CARPET JUNIPER	18" SPREAD	8'T X 6'W	5 GAL	08	M	
SE	MUHLENBERGIA CAPILLARIS 'REGAL MIST'	REGAL MIST	12" TALL	18'T X 12'W	1 GAL	30	M	
GROUND COVER								
GA	COA TURF GRASS MIX	FESCUE - PERENNIAL RYE - BLUEGRASS			SEED		H	
	AS NEEDED TO REPAIR TURF DAMAGE DUE TO IRRIGATION INSTALLATION							

GENERAL NOTES

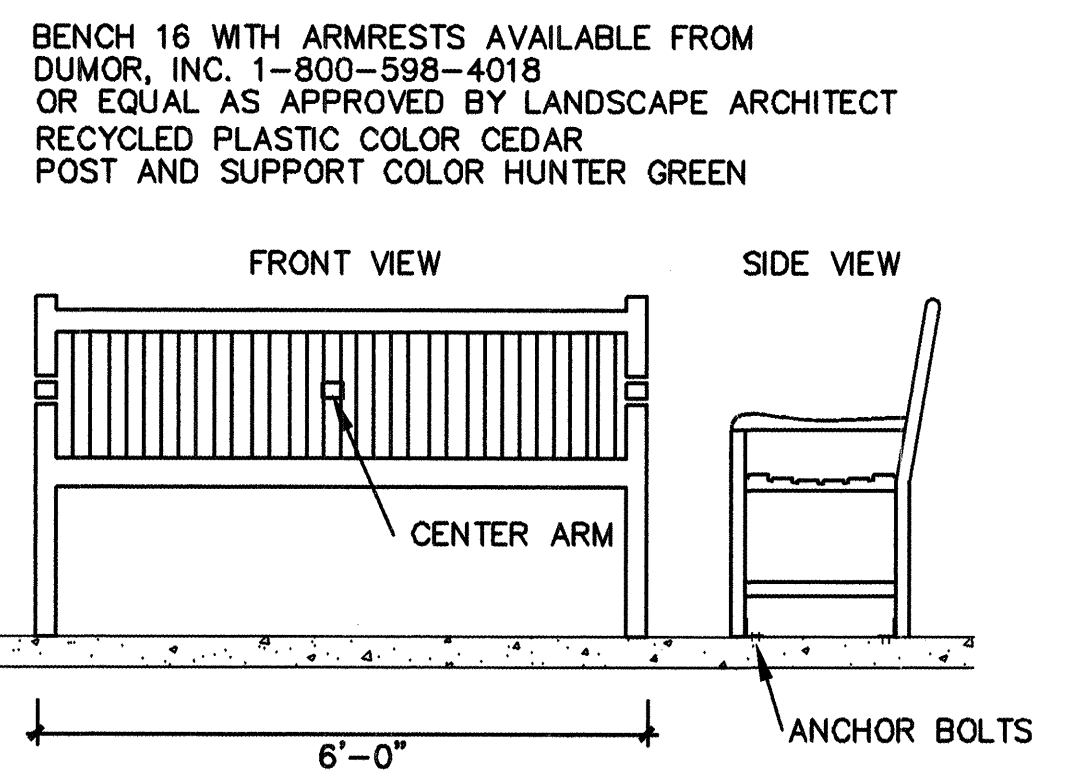
- CONTRACTOR SHALL EXAMINE THE SITE AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS PERTINENT TO THIS WORK.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE LOCATION OF ALL UNDERGROUND UTILITIES AND TO AVOID DAMAGE TO SAME.
- THE CONTRACTOR WILL NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT CONDITIONS EXIST WHICH MIGHT NOT HAVE BEEN CONSIDERED IN THE DESIGN OF THE SYSTEM. SUCH CONDITIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT CONTRACTOR DOES NOT NOTIFY THE LANDSCAPE ARCHITECT, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- IRRIGATION SYSTEM HAS BEEN DESIGNED TO A STATIC PRESSURE OF 50 PSI WITH A MAXIMUM DEMAND OF 30 GPM. THE ANTICIPATED WATERING TIME FOR THE SYSTEM IS 8 HOURS.
- ACTUAL FIELD CONDITIONS MAY NECESSITATE ADDING, DELETING, OR MAKING MINOR ADJUSTMENTS IN SPACING OF HEADS TO INSURE UNIFORM COVERAGE AND DISTRIBUTION.
- ALL PRESSURE LINES TO BE SCH. 40 PVC A MINIMUM 24" BELOW FINISH GRADE. ALL LATERAL LINES TO BE SCH. 40 PVC A MINIMUM 12" BELOW FINISH GRADE.
- ALL POP-UP TYPE IRRIGATION HEADS INSTALLED IN LAWN AREAS SHALL BE INSTALLED SO THAT THE TOP OF HEAD IS 1 INCH ABOVE FINISH GRADE.
- THE CONTRACTOR SHALL VERIFY ALL PLANT LOCATIONS WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLING PLANTS.
- FOR ALL AREAS TO BE SEEDED OR SODDED, ADD ORGANIC MATERIAL TO THE TOP SOIL AT A RATE OF ONE YARD PER 500 SQ. FT. AND TILL TO A DEPTH OF SIX INCHES.
- FERTILIZE ALL TURF AREAS WITH 16-16-8 ANALYSIS, AT A RATE OF 20 LBS. PER 1000 S.F.
- HAND TRENCH ALL IRRIGATION LINES WITHIN DRIP LINE OF EXISTING TREES.



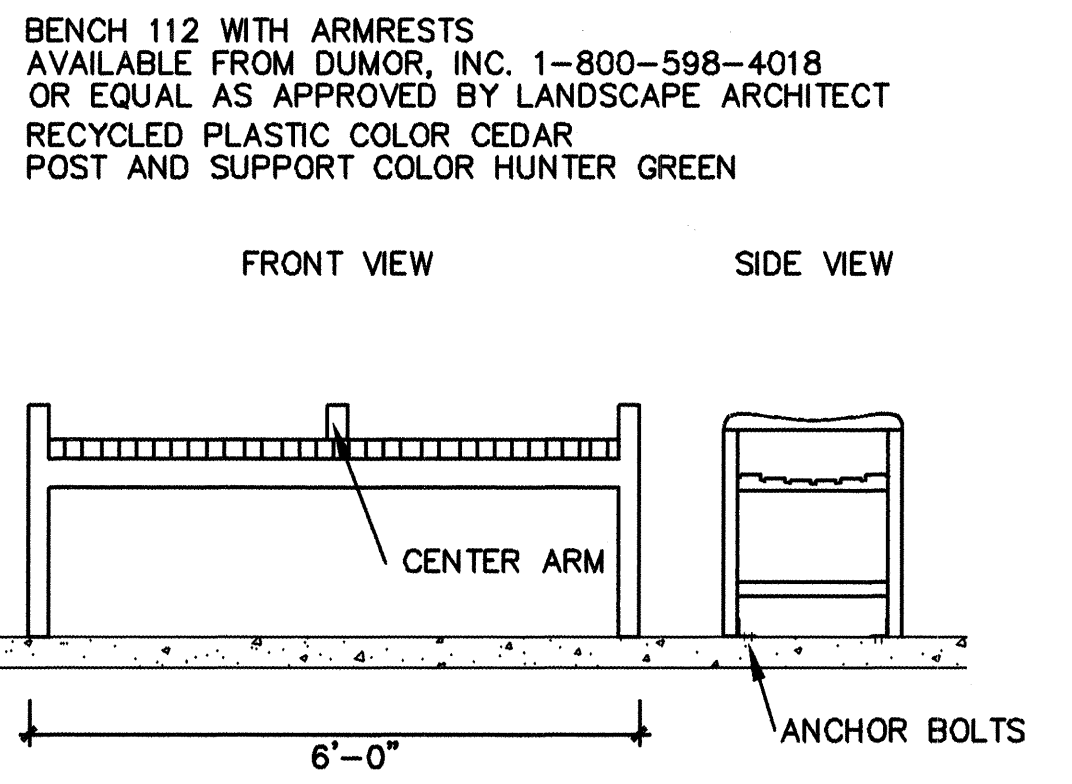
1 CONCRETE BASKETBALL COURT N.T.S.



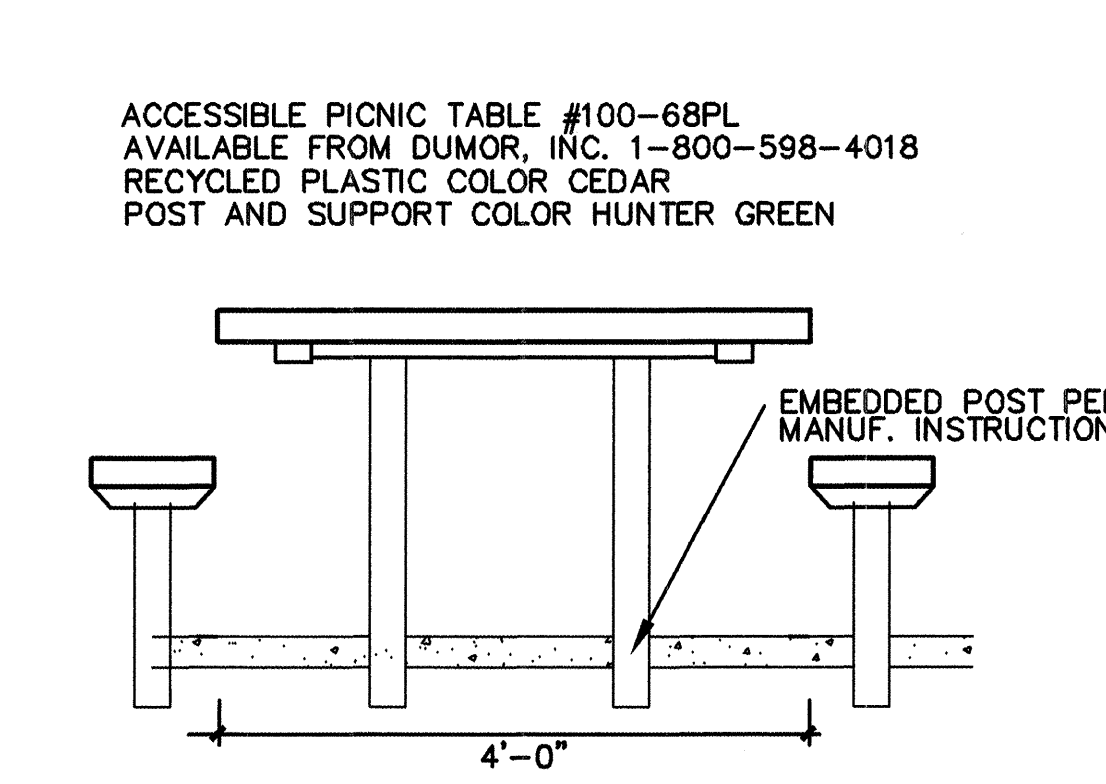
6 LITTER RECEPTACLE N.T.S.



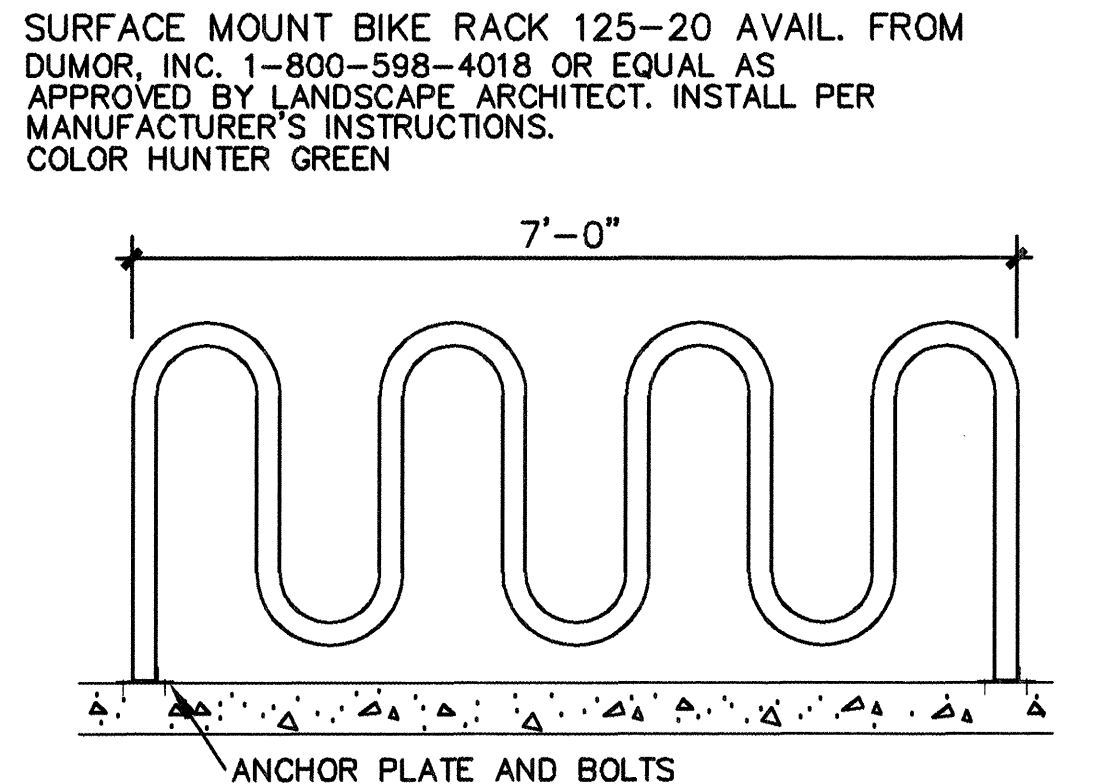
2 BENCH WITH ARM RESTS N.T.S.



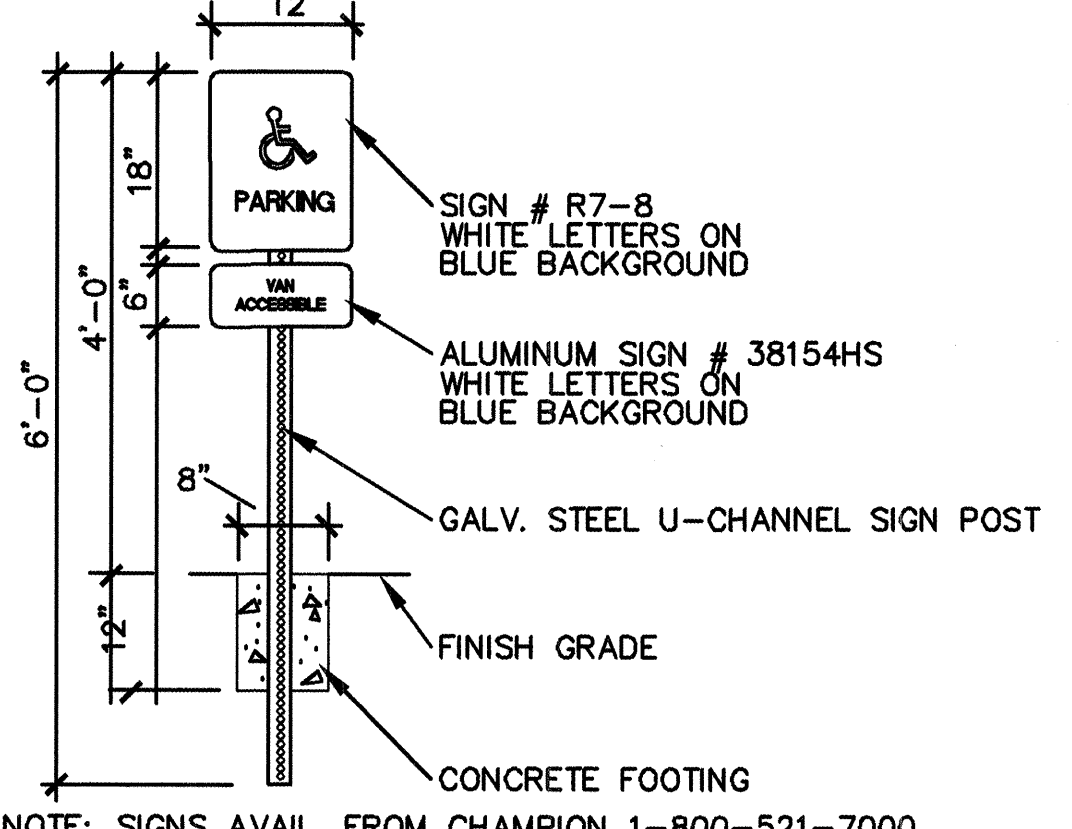
3 SEAT WITH ARM RESTS N.T.S.



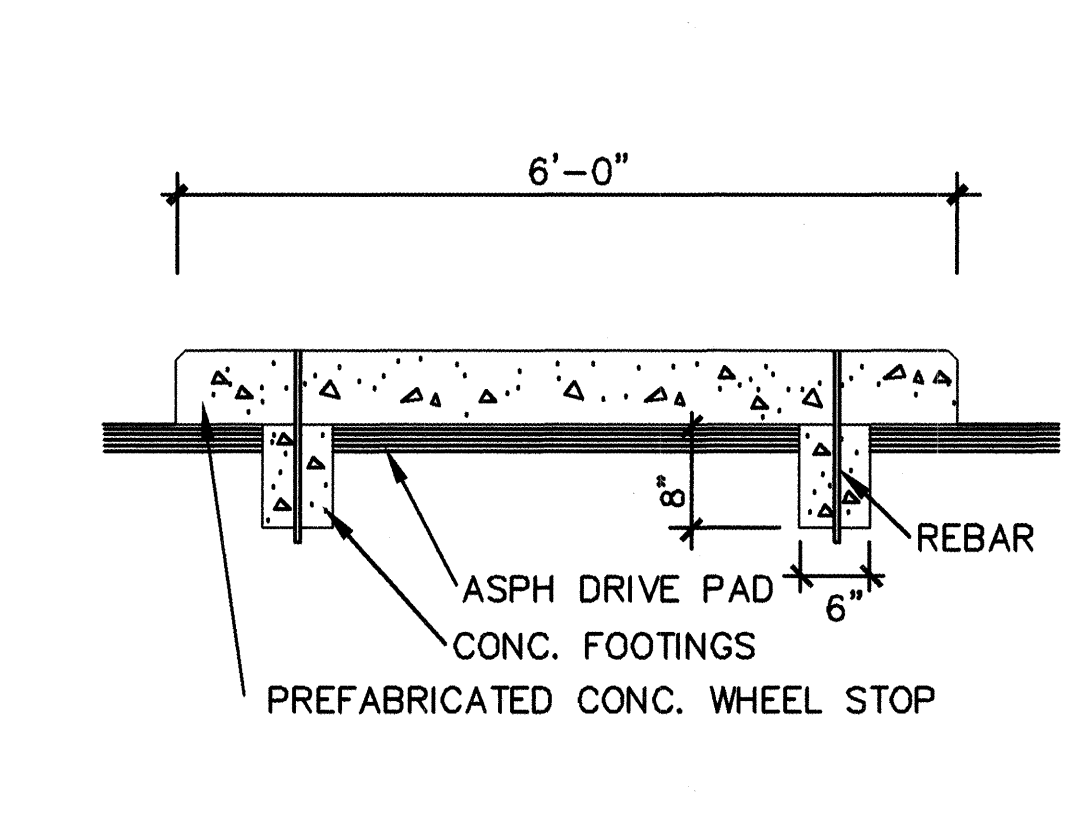
4 TABLE W/ RECYCLED PLASTIC SLATS N.T.S.



5 BIKE RACK N.T.S.



7 HANDICAP PARKING SIGN N.T.S.



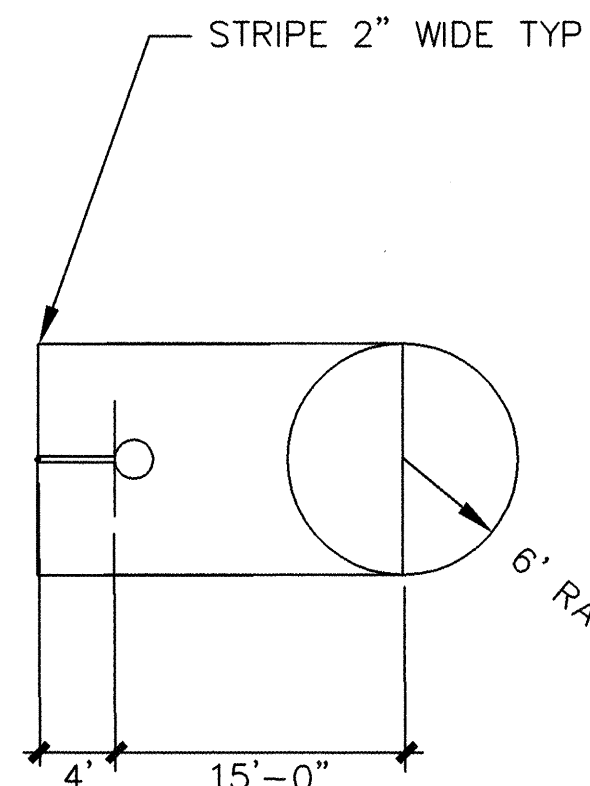
8 CONCRETE WHEEL STOP N.T.S.

REFERENCE COA STANDARD DETAILS

- HARDSCAPE**
- DWG 2415 - PAVING - STANDARD CURB AND GUTTER
 - DWG 2415 - PAVING - MOUNTABLE MEDIAN CURB
 - DWG 2420 - PAVING - CONCRETE VALLEY GUTTER
 - DWG 2451 - PAVING - CONCRETE JOINTS TYPE 5
 - DWG 2720 - LANDSCAPE - CONCRETE WALK
 - DWG 2725 - LANDSCAPE - CONCRETE EDGER AT FENCE
 - DWG 2727 - LANDSCAPE - CONCRETE EDGER AT PLANTER
 - DWG 2728 - LANDSCAPE - TURN DOWN SLAB AT PLAY AREA
 - DWG 2729 - LANDSCAPE - EDGER WALL AT SAND PLAY AREA
- IRRIGATION**
- DWG 2703 - LANDSCAPE - IRRIGATION ELECTRIC VALVE
 - DWG 2705 - LANDSCAPE - AIR RELIEF VALVE
 - DWG 2709 - LANDSCAPE - SPRINKLER HEAD W/ FLEX PIPE ASSEMBLY
 - DWG 2710 - LANDSCAPE - IRRIGATION BUBBLER HEAD AT TREE
 - DWG 2712 - LANDSCAPE - IRRIGATION BUBBLER HEAD IN TREE GRATE
- PLANTING**
- DWG 2713 - LANDSCAPE - TREE PLANTED IN TURF
 - DWG 2714 - LANDSCAPE - ISOLATED TREE PLANTING
 - DWG 2717 - LANDSCAPE - ISOLATED SHRUB PLANTING



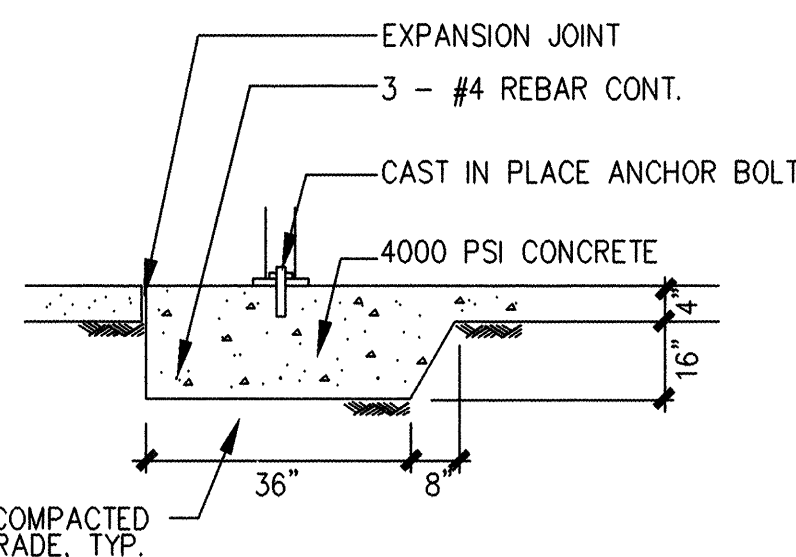
CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: CONCHAS PARK DETAILS			
Design Review Committee 	City Engineer Approval 	Update Month / Day / Year	Update Month / Day / Year
City Project No. 674802	Zone Map No. H-20	Sheet 17	Of 20



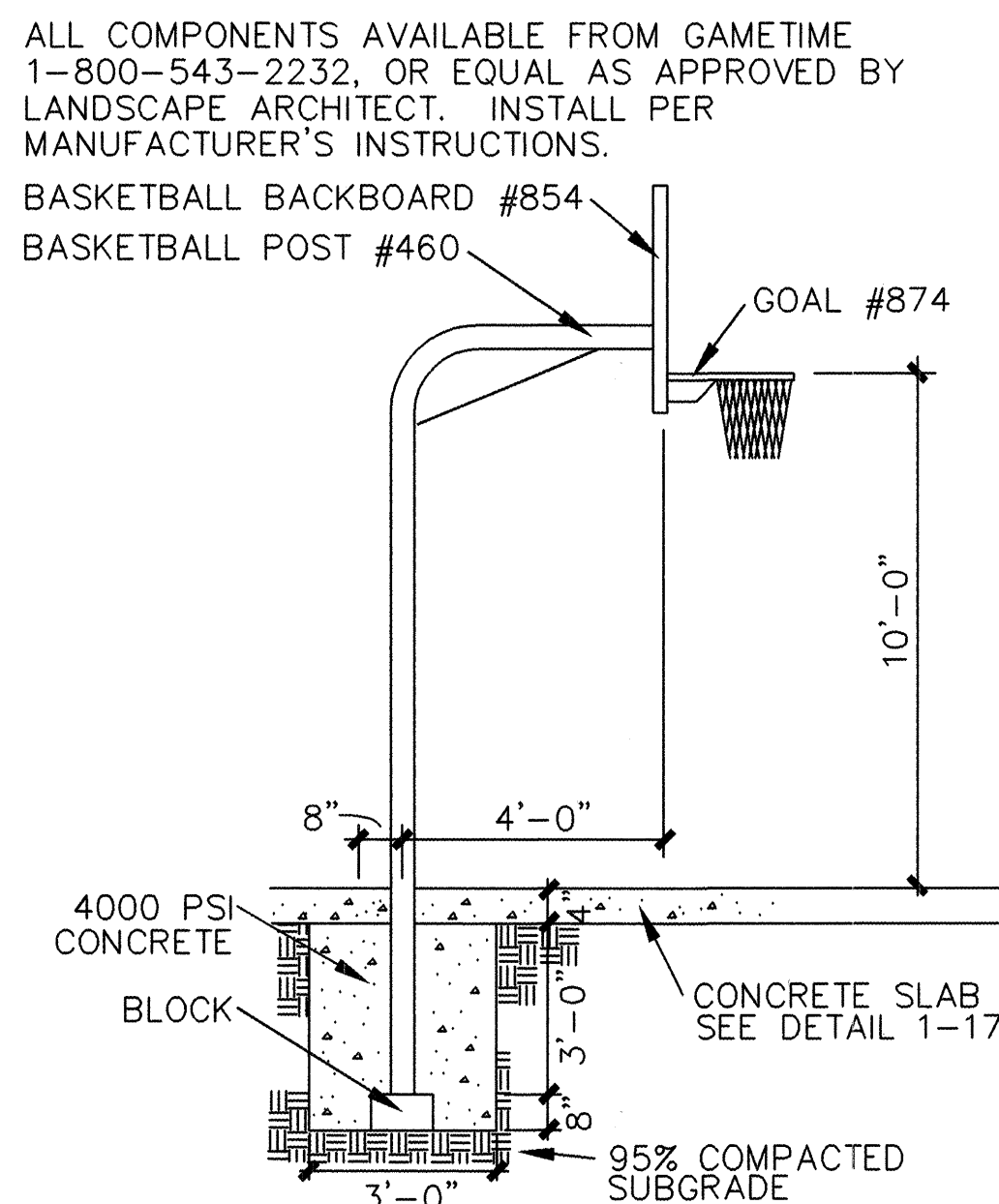
NOTE: ALL STRIPING TO BE YELLOW

1 BASKETBALL STRIPING PLAN
18 1"=10'-0"

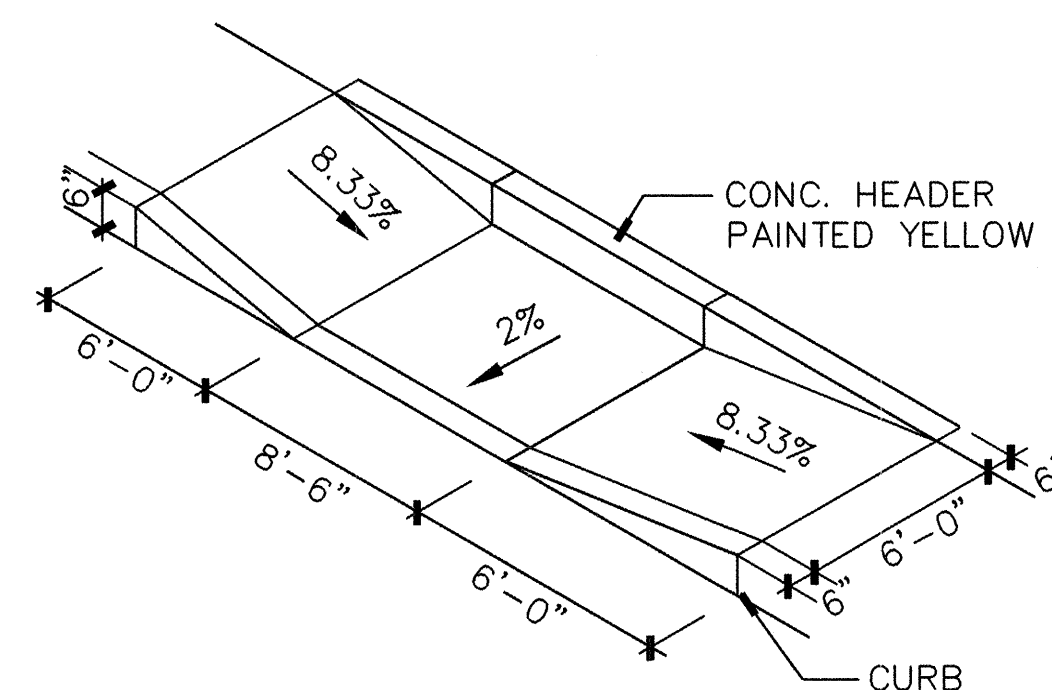
NOTE: CONTRACTOR TO PROVIDE MANUFACTURER'S STAMPED DETAILS FOR PERMIT.



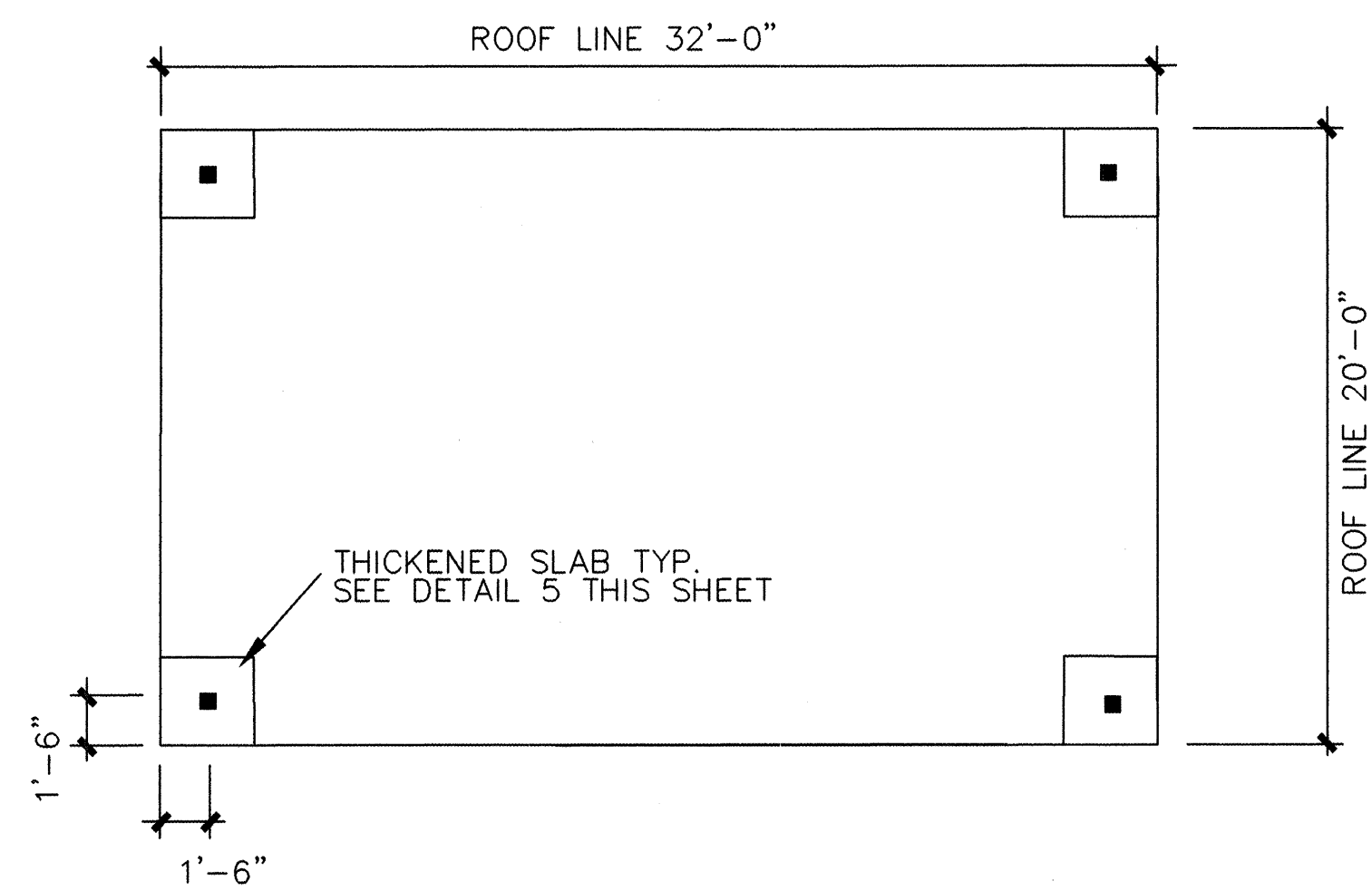
5 SHELTER FOUNDATION SECTION
18 N.T.S.



2 BASKETBALL POLE / FOUNDATION
18 N.T.S.



6 HANDICAP ACCESS RAMP
18 N.T.S.



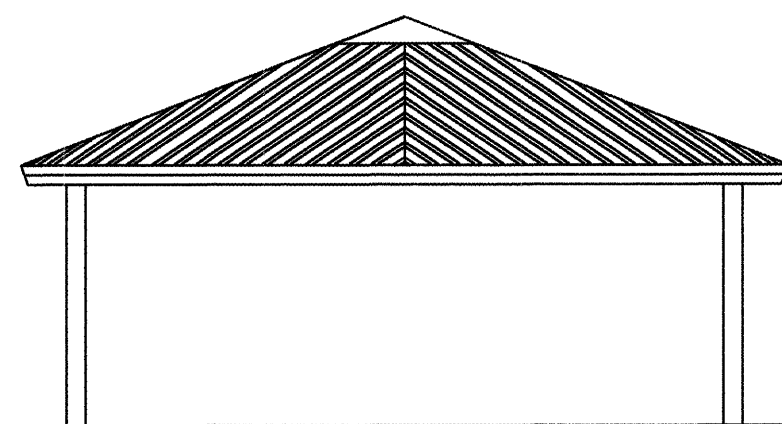
NOTE: TOP OF THICKENED SLAB ELEVATION TO BE THE SAME FOR ALL COLUMNS
NOTE: CONTRACTOR TO PROVIDE MANUFACTURER'S STAMPED DETAILS FOR PERMIT.

3 SHELTER PLAN
18 N.T.S.

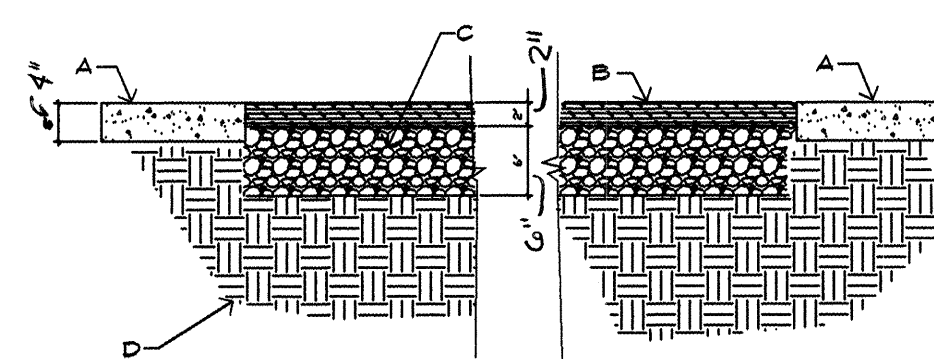
NOTE: CONTRACTOR TO PROVIDE MANUFACTURER'S STAMPED DETAILS FOR PERMIT.

PARK SHELTER RENAISSANCE SQ-30 AVAILABLE FROM SKYLARK 1-303-433-3180

INSTALL PER MANUFACTURER'S INSTRUCTIONS.

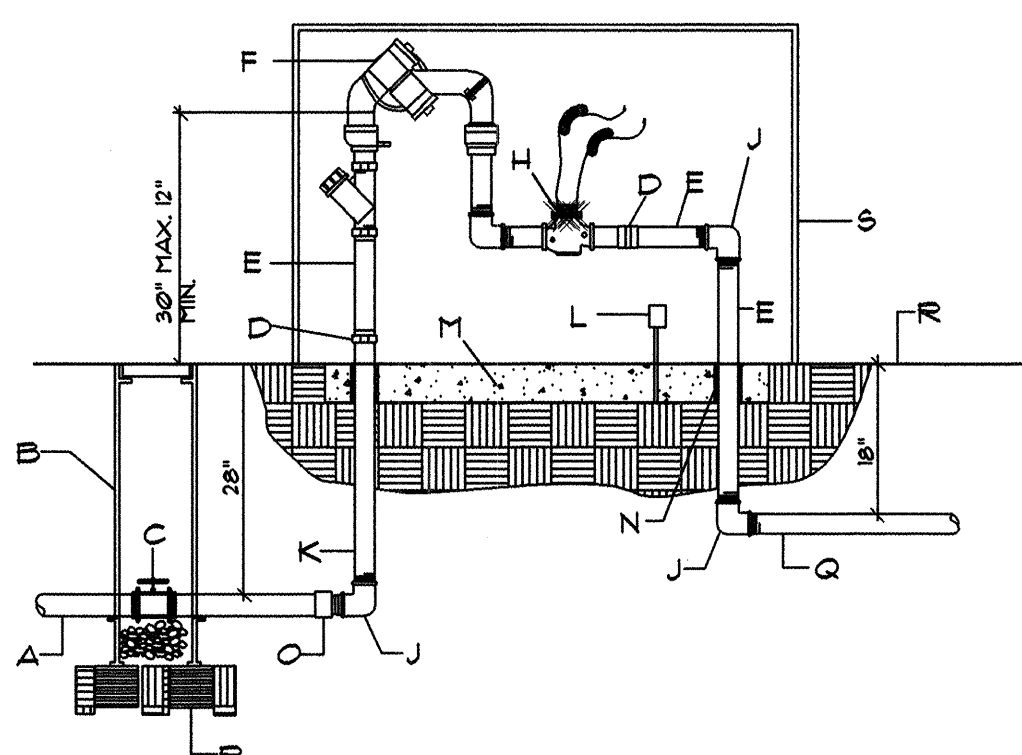


4 SHELTER ELEVATION
18 N.T.S.



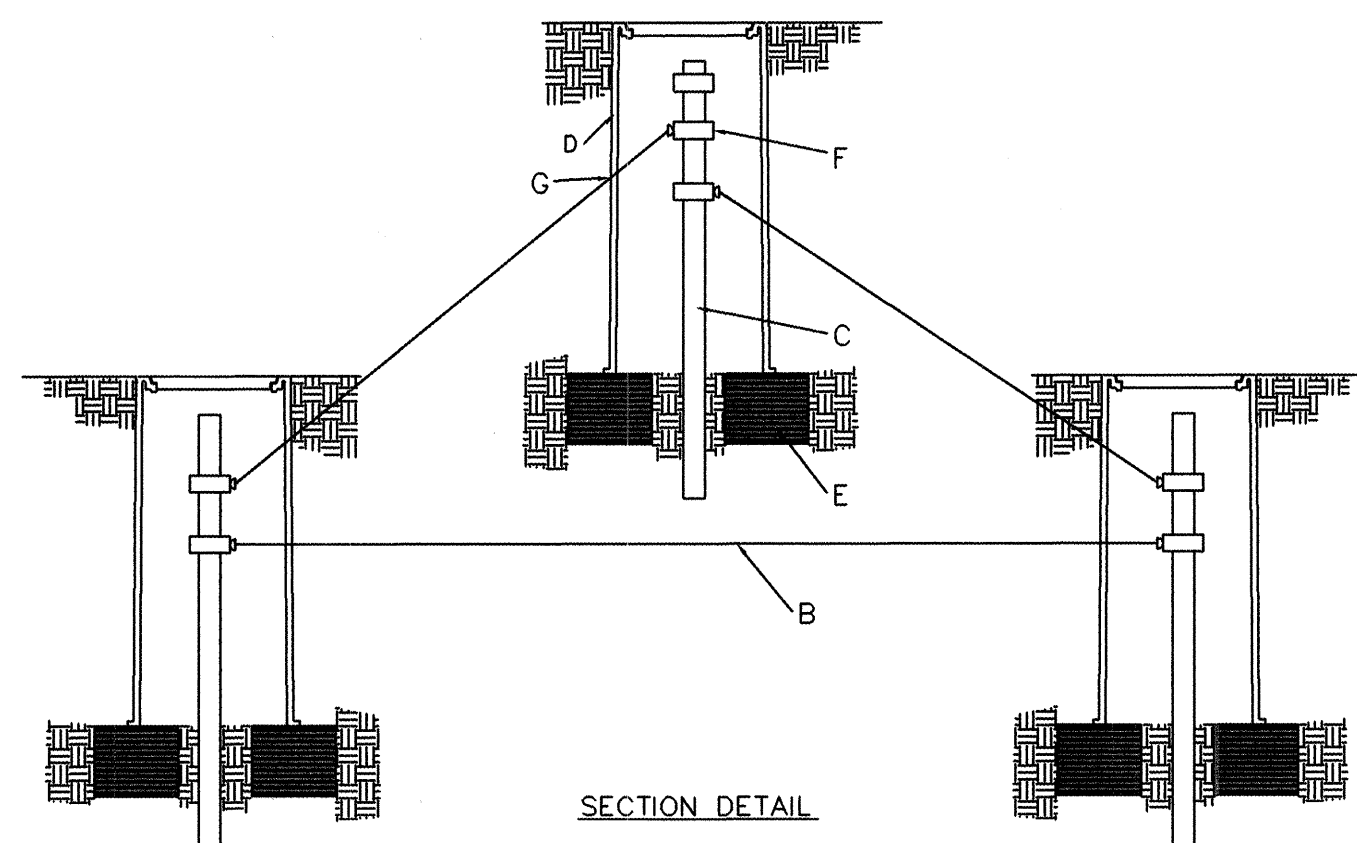
CONSTRUCTION NOTES:
A. CONCRETE SLAB PER COA STD DWG. 2120.
B. EPDM POURED IN PLACE PLAY SURFACING. AVAILABLE FROM CONTINENTAL LEISURE, PH# 1-800-543-2232.
C. COMPACTED BASE COURSE
D. SUBGRADE COMPACTED TO 95%. (SEE SECTION 301).

7 RESILIENT PLAY SURFACING
18



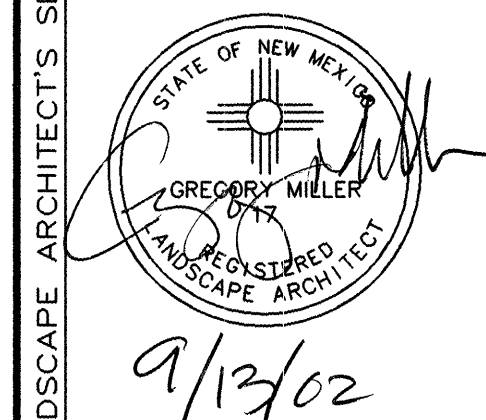
CONSTRUCTION NOTES:
A. SERVICE LINE TO WATER METER
B. BROOKS PRODUCTS INC. 1730 PB-18 BODY (ABS) VALVE BOX W/ BOLT DOWN COVER (ABS) AND ONE 8" EXTENSION
C. TRUE UNION SCHEDULE 80 PVC BALL VALVE
D. GALVANIZED UNION (min. 4" above grade)
E. GALVANIZED NIPPLE
F. FEBCO MODEL 825 YA RPBA BACKFLOW PREVENTER (REFERENCE DRAWINGS)
H. FLOWMETER W/ MASTER VALVE (REFERENCE DRAWINGS)
J. GALVANIZED ELL
K. GALVANIZED RISER
L. 110V ELECTRICAL OUTLET FOR HEATED PROTECTIVE ENCLOSURE MUST BE PLACED AWAY FROM RELIEF VALVE
M. MIN. 4" CONCRETE SLAB
N. ADEQUATE PVC SLEEVING & INSULATION (MIN. 1" THICK)
O. PVC MIP ADAPTER
P. 8" x 8" x 16" SOLID CMU BLOCK
Q. NON-CONSTANT PRESSURE IRRIGATION MAINLINE
R. FINISH GRADE
S. PROTECTIVE ENCLOSURE SEE CITY STANDARD DWG. 2389 FOR CRITERIA

9 MASTER CONTROL VALVE AND REDUCED PRESSURE ASSEMBLY
18 N.T.S.



CONSTRUCTION NOTES:
A. MIR CONTROLLER UNIT
B. # 10 ASW WIRE FROM MIR CONTROLLER UNIT. WIRE SHOULD BE TIGHT AND STRAIGHT
C. GROUNDED ROD MUST BE PLACED IN A WATERED AREA SET 8' FROM CONTROLLER UNIT AND 8' FROM ONE ROD TO ANOTHER.
D. 7" DIAM. 9" DEEP BROOKS VALVE BOX 700 SERIES WITH COVER.
E. 8"x8"x16" SOLID CMU BLOCK
F. GROUND ROD CLAMP AVAILABLE THRU SIMPSON NORTON IRRIGATION.
G. INSTALL NEW OPENING REQUIRED TO MAINTAIN A TIGHT AND STRAIGHT WIRE.

9 GROUNDING FOR MIR CONTROLLER UNITS
18 N.T.S.



the Landscape Group
LANDSCAPE & GOLF COURSE ARCHITECTURE
800 COPPER AVENUE NW ALBUQUERQUE, NEW MEXICO 87105
TEL: (505) 263-0266 FAX: (505) 263-0467

CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT			
TITLE: CONCHAS PARK DETAILS			
Design Review Committee APPROVE OCT - 3 2002 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVE OCT - 3 2002 CITY ENGINEER	Month / Day / Year	Month / Day / Year
City Project No. 674802	Zone Map No. H-20	Sheet 18	Of 20

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 TRAVELED 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.

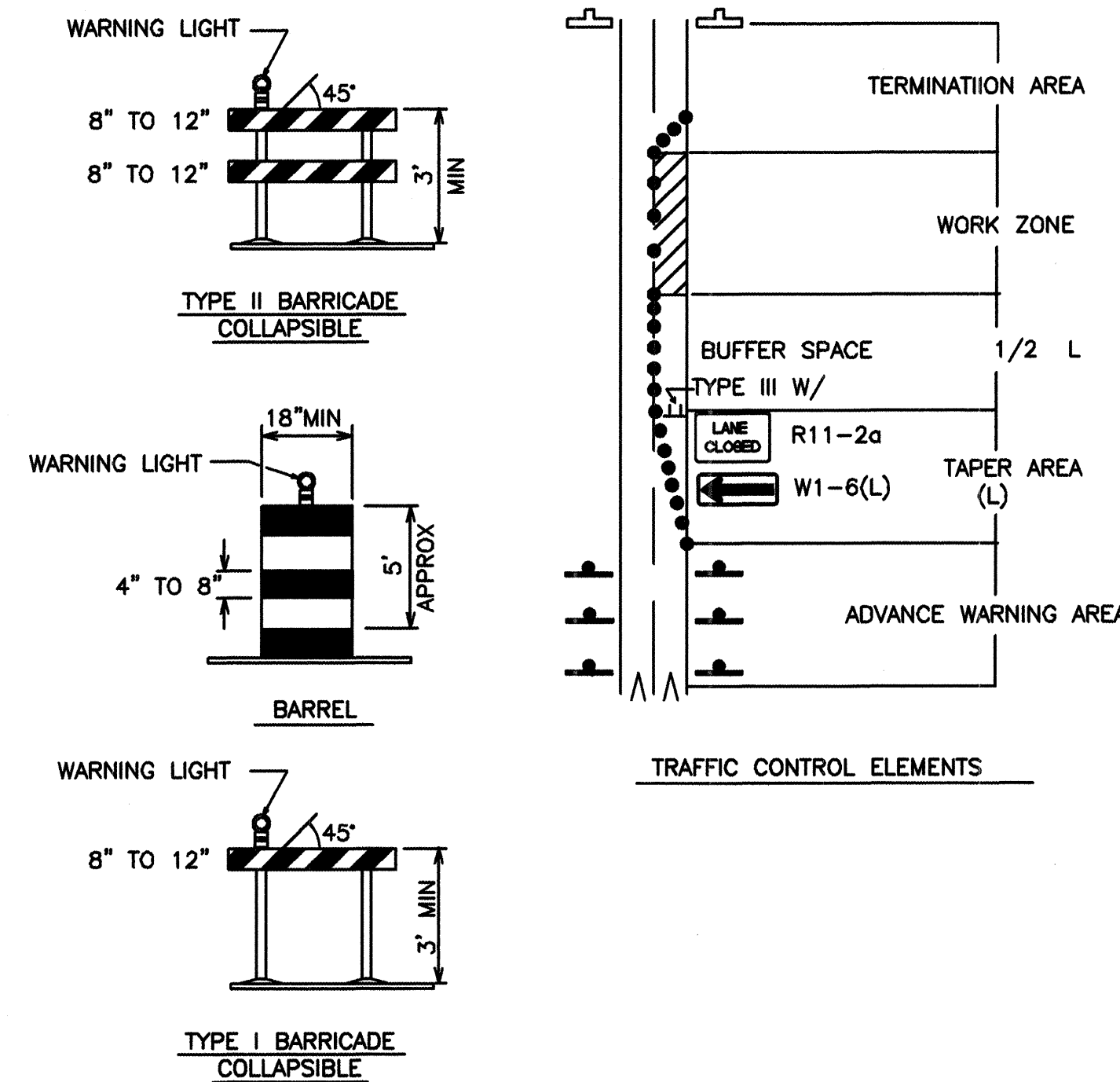
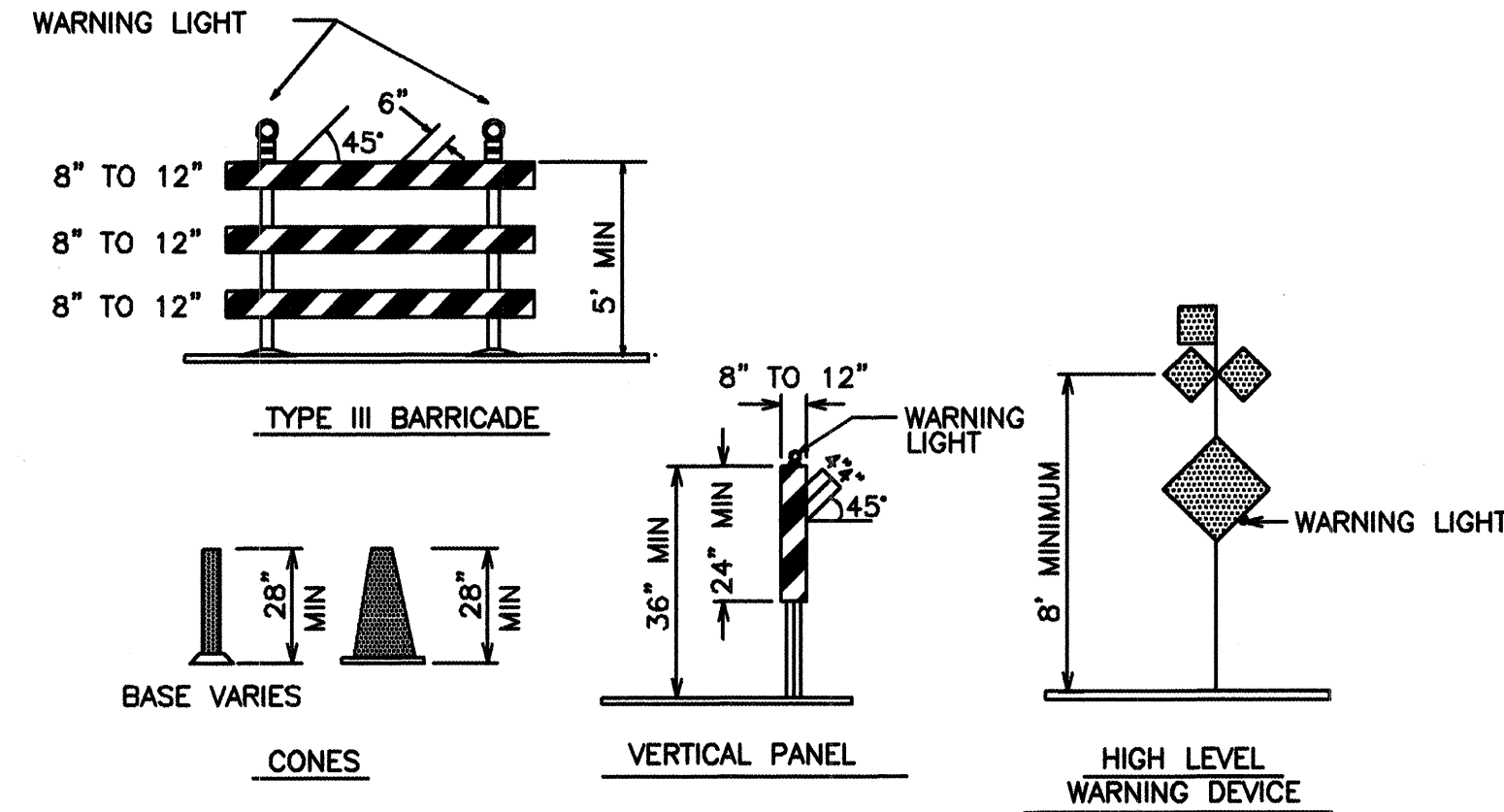
23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

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

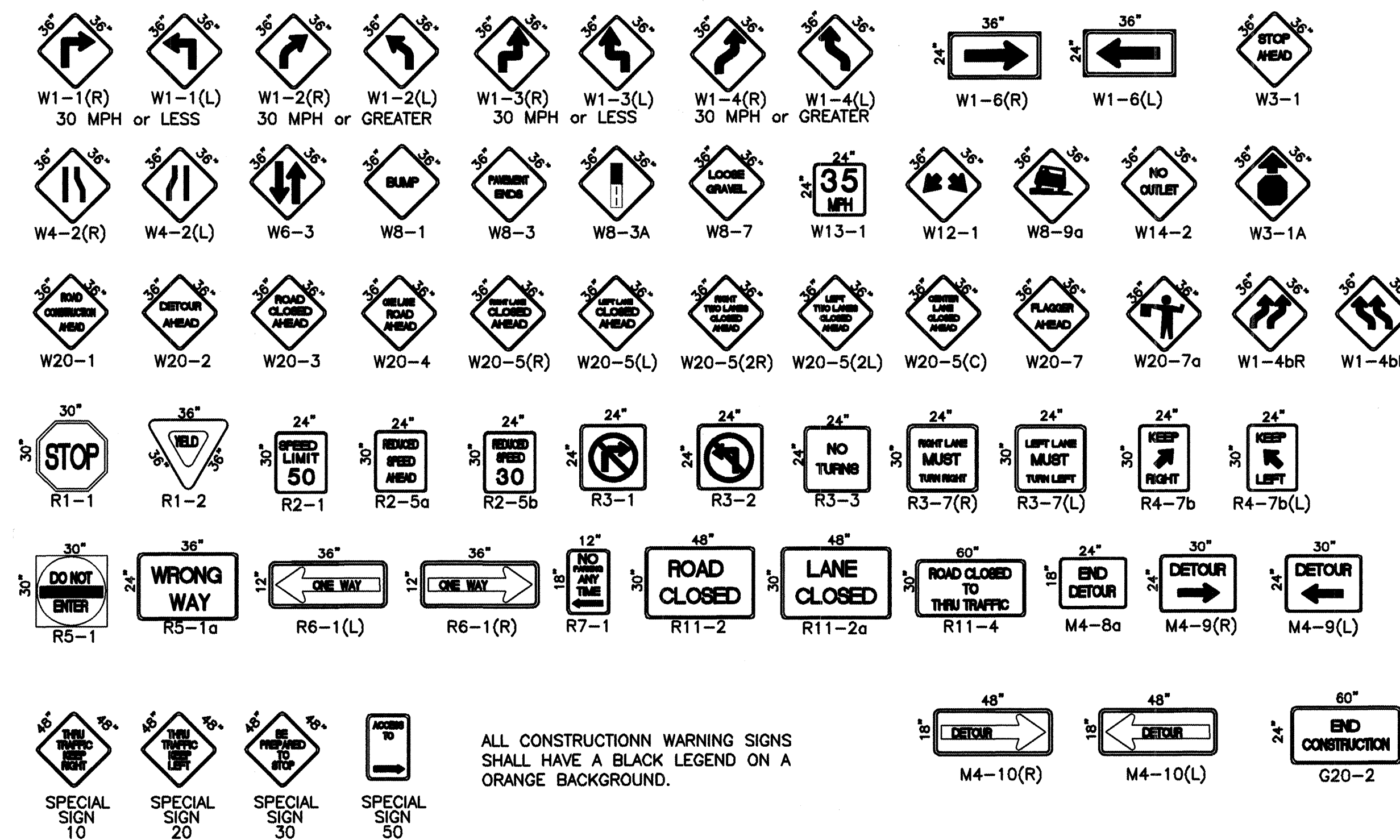
25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" MIN. WITH SUPER ENGINEERING GRADE SHEETING OR BETTER. MOUNTING HEIGHT AT TOP OF SIGN SHALL BE THE SAME AS FOR A 48" SIGN AS INDICATED IN THE M.U.T.C.D.

27. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. ALL GRAFFITI SHALL BE PROMPTLY REMOVED FROM ALL EQUIPMENT, BOTH PERMANENT AND TEMPORARY.



SIGN FACE DETAILS



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

LEGEND

WORK AREA
BARRICADE - TYPE I, TYPE II, OR BARREL
BARRICADE - TYPE III
VERTICAL PANEL
WARNING SIGN
DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
FLAGMAN POSITION
SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
TAPER LENGTH - SEE CHART BELOW
THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

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 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	$L = \frac{WS^2}{60}$
40 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

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	NO.	BY	NO.	BY	J.D.L.	J.D.L.
WORKS BY	DATE						
INSPECTED BY	DATE						
ACCEPTANCE BY	DATE						
REVISION BY	DATE						
REVISION BY	DATE						
MICRO-FILM INFORMATION		REVISIONS		DESIGN		DATE 5-97	
RECORDED BY	DATE	DESIGNED BY BOHANNAN HUSTON		DRAWN BY BOHANNAN HUSTON		DATE 5-97	
NO.		CHECKED BY BOHANNAN HUSTON				DATE 5-97	

COA
STD

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: TRAFFIC CONTROL
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	
COA	STD		

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
674802	H-20	19	20

