WEST OLD TOWN PARK

DEPARTMENT OF MUNICIPAL DEVELOPMENT PARK AND MEDIAN DEIGN DIVISION ALBUQUERQUE, NEW MEXICO



WATER METER ADDRESS: 3423 1/2 MOUNTAIN ROAD N.W.

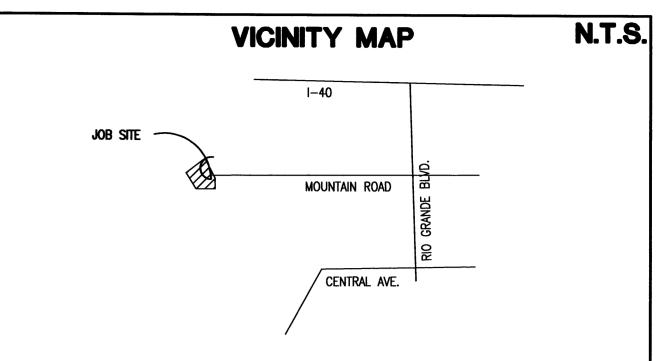
PARK AREA:

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TURF: .55 ACRE
SHRUB BEDS: .23 ACRE
PAVING/PLAY AREA: .16 ACRE
TOTAL: .94 ACRE

INDEX OF DRAWINGS

SHEET TITLE	SHEET NUMBER
COVER SHEET	1
DEMOLITION & CONSTRUCTION PLAN	2
DIMENSION & LAYOUT PLAN	3
GRADING PLAN	4
IRRIGATION PLAN	5
PLANTING PLAN	6



MAP NO. OVERALL ZONE MAP NO. J-12-Z

z **1**

ALL WORK ON THESE PLANS TO BE PERFORMED UNDER CONTRACT, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS —

SYSTEM, 260-1990, FOR LOCATION INFORMATION OF EXISTING UTILITIES.

GENERAL NOTES

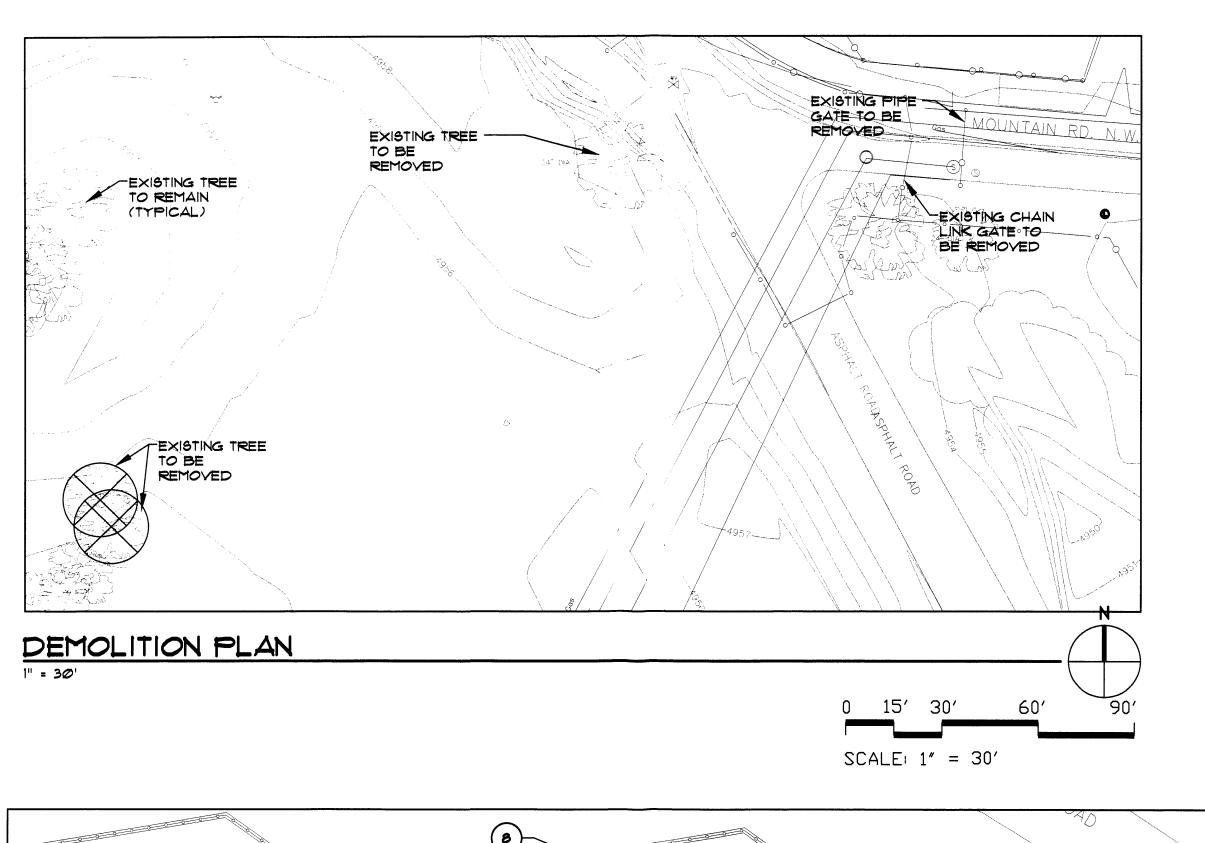
- PUBLIC WORKS CONSTRUCTION 1986 EDITION, AS AMENDED THROUGH UPDATE #6.

 2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL
- JE 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 ON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE LANDSCAPE ARCHITECT HAS CONDUCTED ONLY PRELIMINARY INVESTIGATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES OR UNDERGROUND UTILITY LINES. THIS INVESTIGATION IS NOT CONCLUSIVE, AND MAY NOT BE COMPLETE, THEREFORE, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY. THEREFORE THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND LINE. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE UTILITY LINES AND FACILITIES
- 4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND THE ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH THE MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
- 5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
- 6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
- 7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- 8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- 9. TACK COAT REQUIREMENTS SHALL BE DETERMINED DURING CONSTRUCTION BY THE LANDSCAPE ARCHITECT.
- 10. CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXECUTION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN FIVE (5) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES. ONLY WATER SYSTEM PERSONNEL SHALL OPERATE EXISTING VALVES, REFER TO SECTION 18 OF THE SPECIFICATIONS.
- 11. CONTRACTOR SHALL NOTIFY CITY SURVEYING NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT CITY SURVEYING MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT AND PERMISSION OF CITY SURVEYING. REPLACEMENT SHALL BE DONE ONLY BY CITY SURVEYING. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATION OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT ITS OWN EXPENSE, ADJUST THE MONUMENT AND ITS COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE SPECIFICATIONS.
- 12. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE TWO (2) DAYS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768–2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR MUST REFER TO SECTION 19 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL.
- 13. ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- 14. CAUTION, THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR.
- 15. ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOUR CONSTRUCTION.
- 16. ANY SIGNAL CONDUITS, LOOPS, PULL BOXES OR OTHER TRAFFIC UTILITIES THAT ARE DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.
- 17. ANY SIDEWALK, RAMPS, CURBS AND GUTTER, OR OTHER CITY FACILITY DAMAGED BY CONSTRUCTION OPERATIONS SHALL BE REPLACED BY THE CONTRACTOR.
- 18. EVERY CARE HAS BEEN TAKEN TO ASSURE THAT PLANT MATERIAL NOT BE IN CONFLICT WITH SAS LOCATIONS. HOWEVER, CONTRACTOR SHALL UNDER NO CIRCUMSTANCES POSITION TREES OVER SAS LINES, THAT ARE NOT 6' DEEP AND OF PVC MATERIAL.

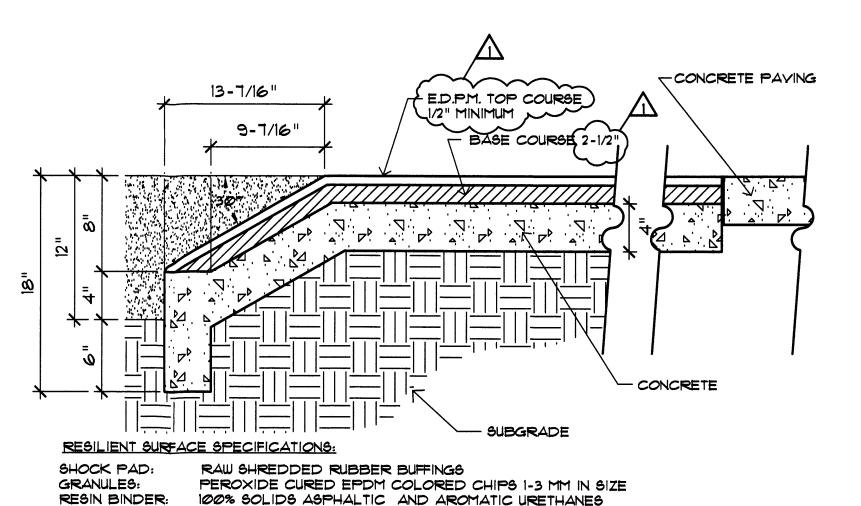


MARCH 2004

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			DRC Chairman					APPROVED FOR	CONSTRUCTION
			Transportation						
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	ENTE OF NEW	KOKO	Hydrology						
			CIP					City Engineer	Date
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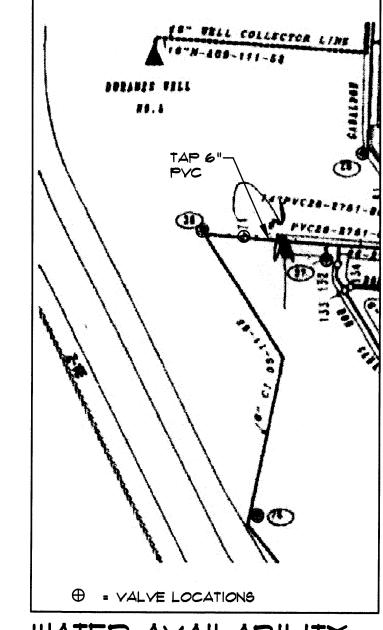


PRIMER: RESIN THINNED WITH SOLVENT TOPCOAT FINISH: ASPHALTIC URETHANE

RESILIENT SURFACE

MCD-R/S 020303

10 CONSTRUCTION PLAN



WATER AVAILABILITY
EMERGENCY SHUT-OFF
PLAN

SCALE: NTS

GENERAL NOTES:

1. PLAY EQUIPMENT SHALL BE INSTALLED IN CONCRETE FOOTINGS PER MANUFACTURER'S SPECIFICATIONS.

- 2. SEE SHEET L3 FOR PLAY EQUIPMENT LAYOUT.
- 3. ALL LANDSCAPE STRUCTURES EQUIPMENT IS AVAILABLE THROUGH EXERPLAY, INC., 505-281-0151.
- 4. THE GROUND SPACE AND USE ZONE (UZ) FOR EACH PIECE OF PLAY EQUIPMENT ARE SHOWN ON THE PLAN. THE GROUND SPACE IS THE ACTUAL SPACE THAT THE EQUIPMENT OCCUPIES. THE USE ZONE IS THE REQUIRED OBSTACLE FREE SURFACE AROUND THE EQUIPMENT. THE USE ZONE FOR STATIONARY PLAY EQUIPMENT SHALL EXTEND NO LESS THAN 6' FROM ALL SIDES OF THE PLAY STRUCTURE, IN INSTANCES WHERE THE USE ZONE EXTENDS BEYOND 6' FROM A SPECIFIC SIDE OF A STRUCTURE, THE EXTENSION IS AS SHOWN ON THE PLAN.
- 5. THE USE ZONES FOR ANY TWO ADJACENT PLAY STRUCTURES SHALL NOT OVERLAP.

6. PRIOR TO FINAL ACCEPTANCE BY THE OWNER THE CONTRACTOR SHALL PROVIDE WRITTEN AUTHORIZATION THAT EACH PIECE OF PLAY EQUIPMENT HAS BEEN INSPECTED BY A CERTIFIED PLAYGROUND AUDITOR, AND THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF EQUIPMENT FULLY COMPLIES WITH ASTM F-1487-95 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

KEYED NOTES

- 6" DEPTH 4000 PSI CONCRETE PAVING PER C.O.A. DWG. *2120 (SIM. 6" DEPTH).
- 2 CONCRETE PAVING PER C.O.A. DWG. #2720.
- (3) TURN DOWN SLAB AT PLAY AREA PER C.O.A. DWG. *2728.
- (4) SAND CONTAINMENT WALL PER C.O.A. DWG. *2729.
- 5 CONCRETE MOWSTRIP PER COA DWG. *2126.
- 6 SURFACE COAT EXISTING ASPHALT.
- 1 INSTALL ASPHALT TO ABUT NEW PLAZA CONSTRUCTION. PER COA DWG.# 2405.
- 8' HT. CHAIN LINK FENCE W/ 3 STRANDS BARBED WIRE PER COADUG.* 2252 (SIM. ADD 3 STRANDS BARBED WIRE). BARBED WIRE SHALL ANGLE AWAY FROM PARK. CONSTRUCT CONC. EDGER SEASE OF FENCE PER COADUG. 2725 OR CONC. EDGER WALL, AS NOTED SPLAY AREA.
- (9) LANDSCAPE STRUCTURES TUFFRIDER, RHINODINO, #100123A.
- 12' WIDE, 8' HT. DOUBLE SWING CHAIN LINK GATE W/ 3 STRANDS BARBED WIRE PER COA DWG. 2252 (SIMILAR ADD BARBED WIRE).
- II) DRIVEPAD PER COA DWG. 2425.
- (12) 12' PIPE GATE AS PER C.O.A. DWG. *2251
- (13) LANDSCAPE STRUCTURES TUFFRIDER, T-REX, *100124A.
- PARK BENCH DUMOR BENCH, MODEL 88-60PL, 6' LENGTH, W/
 BACK AND THREE ARMRESTS, FRAME COLOR BLACK, SLAT COLOR
 GREEN. SURFACE MOUNT W/ TAMPER RESISTANT BOLTS. AVAILABLE
 FROM EXERPLAY, INC., 505-281-0151.
- TRASH RECEPTACLE MCCLINTOCK RSØ-25 32 GAL. CAPACITY WITH RIGID LINER, ONE COLOR UNIT, DARK GREEN WITH SELF LOCKING DOOR, MOUNTED ON EMBEDDED AHCHORS. INSTALL PER MIFR'S INSTRUCTIONS. AVAILABLE FROM MCCLINTOCK METALS 1-800-350-3588
- BIKE RACK LANDSCAPE STRUCTURES 5'-4" LOOP RACK, SURFACE MOUNT WITH TAMPER RESISTANT BOLTS, COLOR: PINE GREEN.
- 4' WIDE, 8' HT. CHAIN LINK PEDESTRIAN GATE, W/ 3-STRANDS BARBED WIRE, PER COA DWG. 2252 (SIM - ADD 3-SRANDS BARBED WIRE). OWNER TO PROVIDE LOCK.
- (18) 12" DEPTH SAND.
- (19) RESILIENT SURFACE PER DETAIL A/L2.
- PICNIC TABLE DUMOR 100-60 PL PICNIC TABLE, 6' LENGTH, FRAME COLOR: BLACK, SLAT COLOR GREEN. SURFACE MOUNT WITH TAMPER RESISTANT BOLTS, AVAILABLE FROM EXERPLAY, INC. (505) 281-0151.

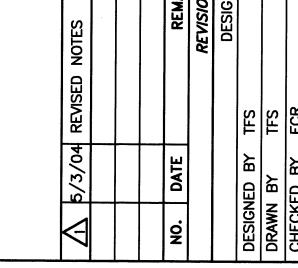
 (21) PLANTING BED.
- LANDSCAPE STRUCTURES SUPER SCOOP #123831A. COLOR: PINE GREEN.
- LANDSCAPE STRUCTURES SUPER SCOOP (ACCESSIBLE) #23832B. COLOR: PINE GREEN.
- (24) USE ZONE (UZ) FOR PLAY EQUIPMENT SEE GENERAL NOTE #4.
- (25) LANDSCAPE STRUCTURES 2-5 YEARS SIGN #00105A.
- (26) LANDSCAPE STRUCTURES 5-12 YEARS SIGN *100106A.
- LANDSCAPE STRUCTURES ARCH BELT SWING, SINGLE BAY, TENDER TUFF-COATED CHAIN, MODEL #100050A. COLORS: FRAME-PINE GREEN, CHAIN-TAN.
- LANDSCAPE STRUCTURES ARCH SWING, FULL BUCKET SEATS,
 ANTI-WRAP SWING HANGER, MODEL #139908A. COLORS: FRAME-PINE
 GREEN, CHAIN-TAN.
- 29 LANDSCAPE STRUCTURES 9 BLOCK CLIMBER, MODEL #11966A. COLORS: TAN WITH RED.
- COLORS: TAN WITH RED.

 LANDSCAPE STRUCTURES CLUB HOUSE, IDEA STRUCTURE *2412, W/
 POLY ROOF. COLORS SHALL BE: ROOF, GREEN. PERMALENE SIDE
 PANELS, TAN W/ RED ACCENTS. PERMALENE TABLE TOP, TAN.
- TENDERTUFF COATED SEATS, TAN. POSTS FOR POLY ROOF, PINE GREEN. POST FOR TABLE, PINE GREEN.

 GAMETIME CYBER SLIDE, MODEL* 18103, COLORS: FRAME-DARK GREEN, SLIDE-BEIGE, AVAILABLE FROM MMM RECREATION,
- 505-899-6892.

 32 LANDSCAPE STRUCTURES TUFFRIDER HORSE, #10016A.
- 20' WIDE, 8' HT. CHAIN LINK DOUBLE-SWING VEHICULAR GATE W/ 3-STRANDS BARBED WIRE, PER COA DWG. 2252 (SIM - ADD 3-STRANDS BARBED WIRE). OWNER TO PROVIDE LOCK.
- (34) CONNECT PROPOSED FENCE TO EXISTING FENCE
- CONCRETE HEADER CURB PER COA DWG. 2415 (SIMILAR-8" ABOVE GRADE / 18" BELOW GRADE)
- (36) CONC. PAD FOR IRRIGATION CONTROLLER. SEE IRRIGATION PLAN.
- (37) CONC. EDGER WALL PER DETAIL A/L4.

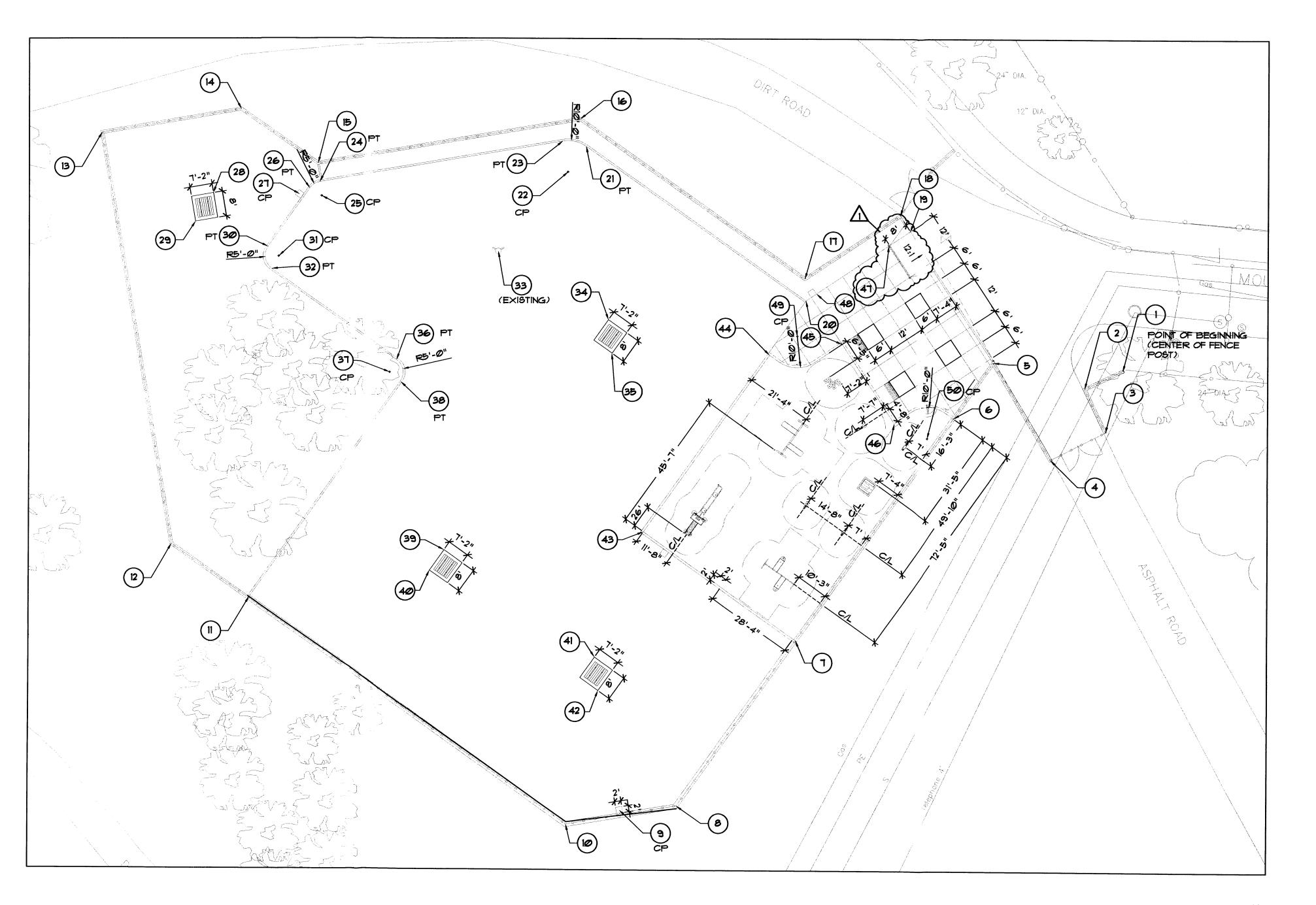




CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PARK AND MEDIAN DESIGN DEVISION

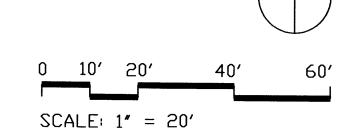
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Design Review Committee	City Engineer Appro		Mo/Da		o/Day/yr.
CITY PROJECT NO. 6385.01		ZONE MAP N	O. SHEET		DF 6

0 10' 20' 40' 60' SCALE: 1" = 20'



DIMENSION & LAYOUT PLAN

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COORDINATE POINT LEGEND

- ×= 0'-0" Y= 0'-0"
- 2. ×=-12'-1 7/32" Y=-5'-8 11/16"
- 3. X=-5'-5 3/32" Y=-19'-5 17/32" 4. ×=-22'-11 1/8" Y=-28'-2 27/32"
- 5. X=-41'-2 7/8" Y=2'-5 19/32"
- 6. X=-53'-10 3/8" Y=-15'-3 19/32"
- X=-104'-1 13/16" Y=-86'-0 3/4"
- 8. X=-141'-9 13/16" Y=-139'-0 13/16" X=-159'-10 13/32" Y=-140'-6 11/32"
- 10. X=-176'-11 7/32" Y=-145'-1 11/16"
- 11. ×=-278'-7 1/32" Y=-72'-10 1/2"
- 12. ×=-3Ø3'-4 5/32" Y=-55'-11 1/8" 13. ×=-325'-7 27/32" Y=75'-5 15/32"
- 14. X=-281'-4 15/16" Y=82'-11 15/16"
- 15. X=-256'-11 1/8" Y=65'-7 11/16"
- 16. X=-173'-3 1/2" Y=79'-10 3/8" 17. X=-101'-7 1/2" Y=29'-0 11/32"
- 19. X=-68'-0 1/8" Y=44'-2 9/16"
- 2Ø. ×=-1Ø1'-3 11/32" Y=22'-Ø 15/32"
- 21. ×=-171'-4 9/32" Y=71'-1 5/8"
- 22. ×=-177'-1 11/16" Y=62'-11 3/4" 23. X=-178'-9 13/16" Y=72'-10 1/16"
- 24. X=-256'-4 5/32" Y=59'-7 27/32"
- 25. ×=-255'-9 | 17/32" Y=55'-2 3/16"
- 26. ×=-259'-7 l/32" Y=57'-7 l3/32"
- 27. ×=-262'-9 9/16" Y=55'-8 3/16" 28. X=-290'-3 | 3/32" Y=56'-1 7/16"
- 29. ×=-295'-11 19/32" Y=47'-Ø 15/32"
- 3Ø. ×=-272'-1Ø 7/32" Y= 38'-11" 31. ×=-269'-5 21/32" Y=35'-10 27/32"
- 32. X= -271'-8" Y=31'-11 11/32"
- 33. X=-199'-3 15/32" Y=37'-6 29/32" 34. X=-164'-1 | 13/16" Y=15'-9 | 13/32"
- 35. X=-162'-11 21/32" Y=5'-1 5/8"
- 36. X=-231'-6 31/32" Y=2'-10 25/32"
- 37. X=-233'-9 5/16" Y=-1'-0 19/32"
- 38. X=-230'-4 3/4" Y=-4'-0 7/8" 39. ×=-216'-2 21/32" Y=-57'-7 15/32"
- 40. X=-215'-0 1/2" Y=-68'-3 u
- 41. X=-168'-1 3/16" Y=-91'-9 3/32"
- 43. X=-152'-8 1/2" Y=-51'-7 13/32"
- 44. X=-112'-9 5/16" Y=4'-8 1/8" 45. X=-89'-8 5/16" Y=8'-2 17/32"
- 46. X=-73'-0 13/16" Y=-16'-9 31/32"
- 47. ×=-74'-10 21/32" Y=39'-6 23/32" 48. ×=-97'-11 11/32" Y=24'-3 1/8"
- 49. X=-104'-0 1/32" Y=10'-8 9/16" (1)
- 50. ×=-62'-2 11/16" Y=21'-7 5/8"

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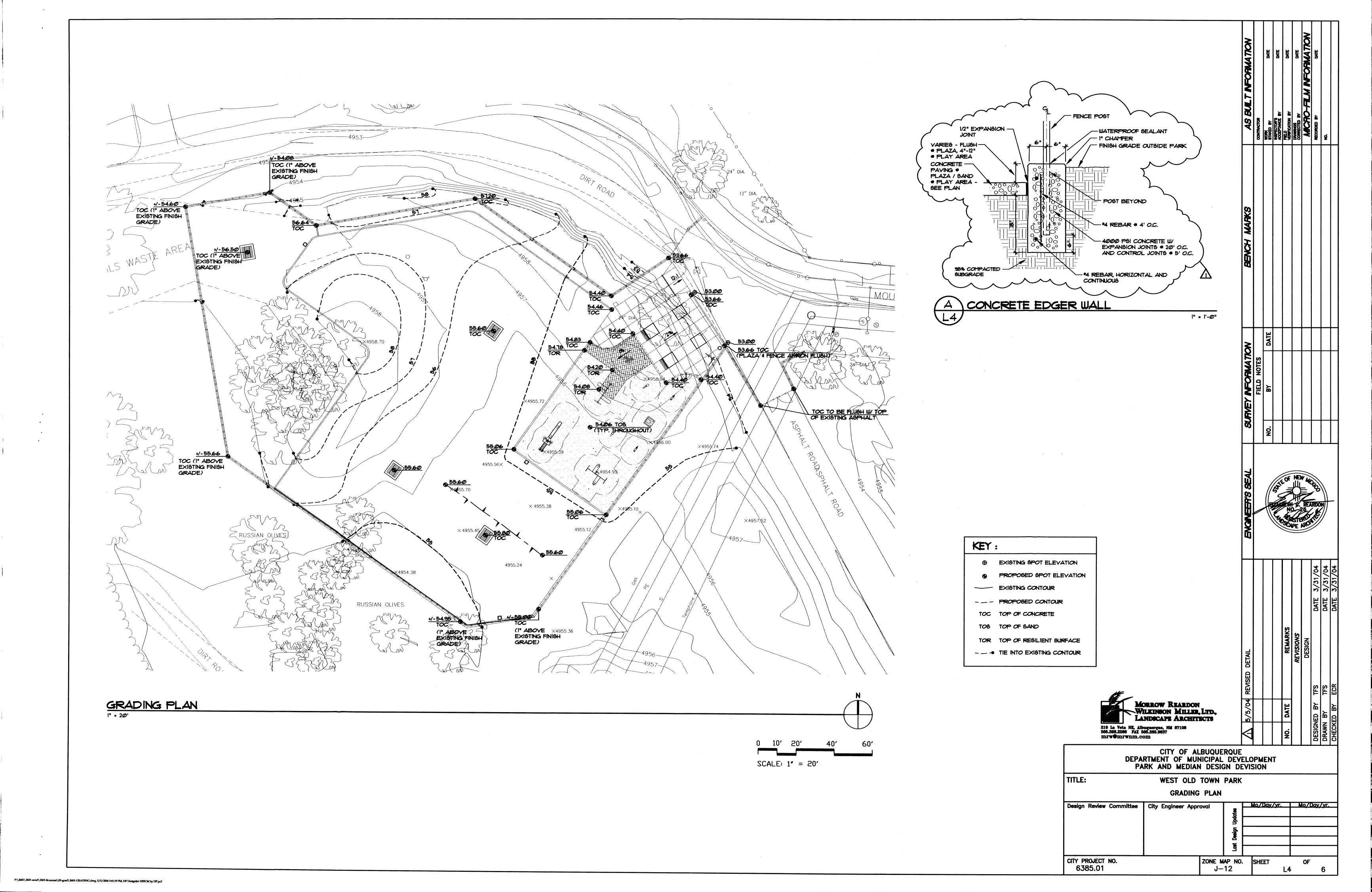
CP CENTER POINT

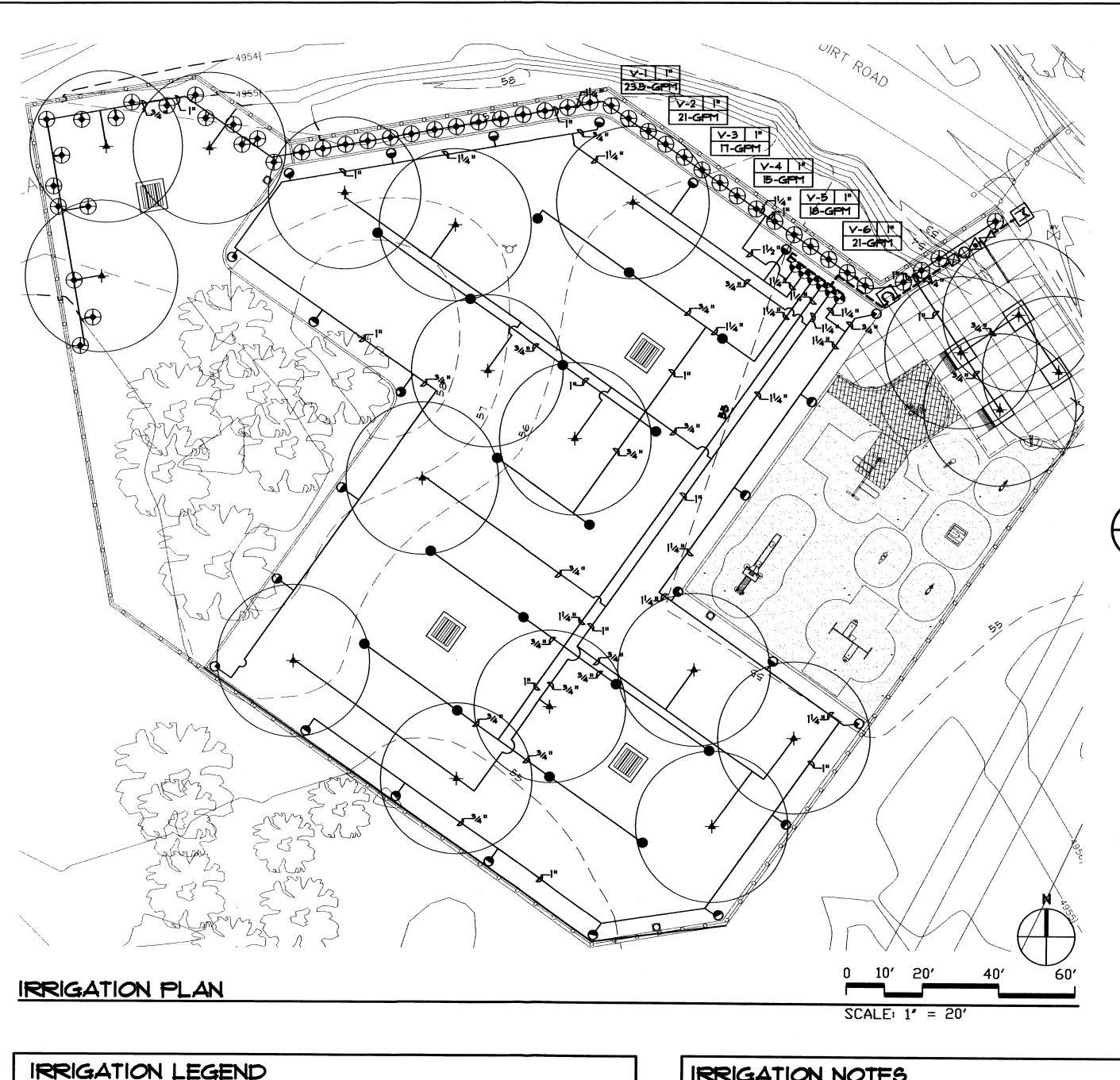
CL CENTER LINE

PT POINT OF TANGENCY

Morrow Reardon
Wilkinson Miller, Ltd.,
Landscape Architects 210 La Veta NE, Albuquerque, NM 87108 505.268.2266 FAX 505.265.9637 mrw@mrwnm.com

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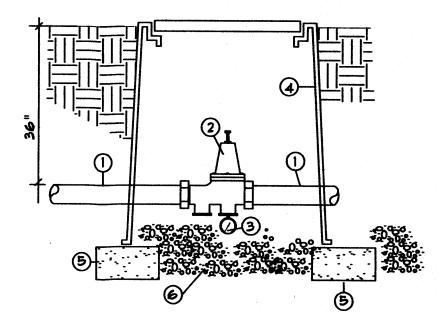
SIDE VIEW FRONT VIEW

IRRIGATION CONTROLLER WITH PEDESTAL, SEE IRRIGATION LEGEND.

4000 PSI CONCRETE BASE. 8" MINIMUM THICKNESS. ALL EDGES SHALL BE TOOLED WITH 1/2" RADIUS

(3) 4" RIGID PVC LONG SWEEP ELL EXTEND 12" BEYOND ADJACENT WALKS INSTALL TO MANUFACTURE STANDARDS (4) 24-YOLT WIRES FROM CONTROLLER TO AUTOMATIC VALVES, SEE SPECIFICATIONS (5) FINISH GRADE. (6) 120-VOLT SERVICE IN CONDUIT, PER NEC.

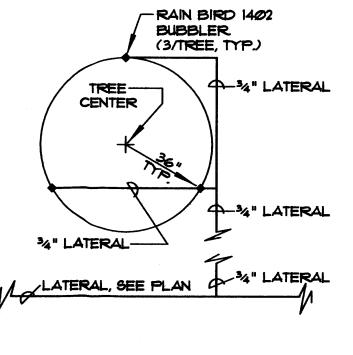
IRRIGATION CONTROLLER AND PEDESTAL



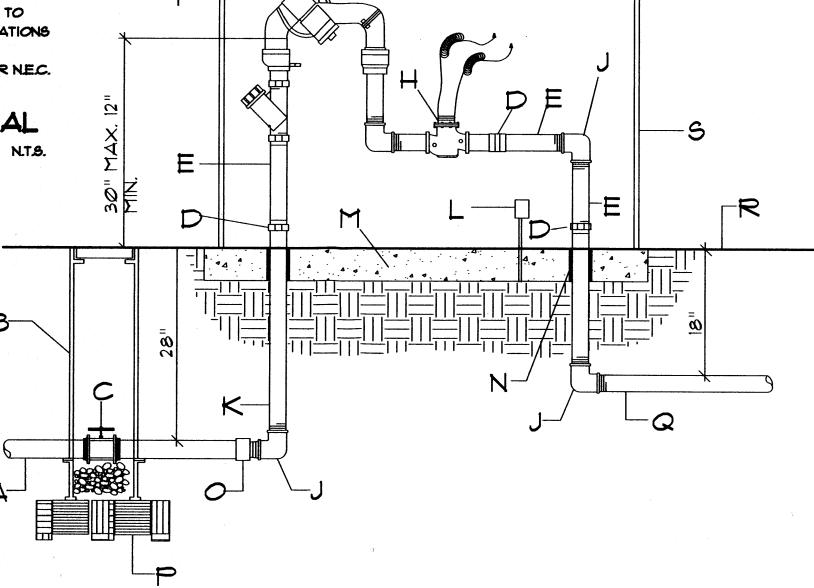
(1) SCHEDULE 40 MAINLINE 2) I" WATER PRESSURE REDUCING VALVE, REFER TO IRRIGATION PLAN. (3) 0-160 LB. GAUGE 4 BROOKS 1730 PB-18" VALVE BOX WITH 8" EXTENSIONS AS REQUIRED (5) CMU BLOCK (2 PER VALVE BOX)

6 PEA GRAVEL

PRESSURE REDUCING YALVE



TRIPLE BUBBLER LAYOUT



CONSTRUCTION NOTES A. SERVICE LINE TO WATER METER B. BROOKS PRODUCTS INC., 1730 PB-18BODY (ABS) VALVE BOX W/ BOLT

C. TRUE UNION SCHEDULE 80 PVC BALL D. GALVANIZED UNION (min. 4" above grade) E. GALVANIZED NIPPLE

DOWN COVER (ABS) AND ONE 8" EXTENSION

F. FEBCO MODEL 860U RPBP BACKFLOW PREVENTER H. ARAD MASTER VALVE/FLOWMETER

J. GALYANIZED ELL

K GALVANIZED RISER

L. 110V ELECTRICAL OUTLET FOR HEATED PROTECTIVE ENCLOSURE. PLACE AWAY FROM RELIEF VALVE M. MIN. 4" 4000 PSI 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

DWG. 2389 FOR CRITERIA

MAINLINE R. FINISH GRADE S. PROTECTIVE ENCLOSURE SEE CITY STANDARD

6385.01

RPBA WITH FLOW METER

WATER METER, SIZE 2". INSTALLED PER COA STANDARD DWGS. 2362, 2366, AND MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT

WELD PYC, SEE NOTE NO. 2 BELOW. ===== 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PYC, SEE NOTE NO. 2 BELOW.

---- IRRIGATION MAIN LINE, SCH. 40, BELL-END, SOLVENT WELD PVC, SIZE 2". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS. LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC. SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". LATERAL PIPE CONVEYING LESS THAN 5 GPM SHALL BE 34".

MANUAL GATE VALVE PER COA DWG. 2707.

BACKFLOW PREVENTER AND MASTER VALVE/FLOWMETER ASSEMBLY. BACKFLOW PREVENTER SHALL BE FEBCO 860U, 2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES. MASTER VALVE/FLOW METER ASSEMBLY SHALL BE ARAD, SIZE 2". INSTALL IN HOT ROK MODEL NO. 2, FIBER, HINGED, HEATED AND INSULATED BACKFLOW ENCLOSURE. PER DETAIL D/L5.

REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD PEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. PER COA DWG. 2703

WATER PRESSURE REDUCING VALVE, WATTS MODEL \$25AUB, SIZE 1", INSTALLED PER MFR'S SPECIFICATIONS. SEE DETAIL C/L5,

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OSOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE. ROTARY POP-UP SPRINKLER ASSEMBLIES, HUNTER, 1-20, 4" POP-UP AS FOLLOWS: PER COA DWG. 2709 MODEL NO. RADIUS 1-20-ADS-10 1-20-ADS-15 1-20-ADS-20 ● 1-2*0*-369-15 PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: PER COA DWG'S* 2710, 2711, 4 2711-A REMARKS ▲ 1402 (3 each) 15 TOTAL

PER DETAIL B/L5 | IRRIGATION CONTROLLER, IRRINET MODEL* IS-IIA-U4N-00-55, EIGHT STATION PEDESTAL MOUNT CONTROLLER INSTALL IN AN INTERSPEC BOX. PER DETAIL A/L5

IRRIGATION NOTES

CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO CONSTRUCT PROPOSED IRRIGATION SYSTEM IN ACCORDANCE WITH PLANS, WRITTEN SPECIFICATIONS AND DETAILS.

2. THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF SLEEVE PIPING WITH ALL TRADES TO INSURE THAT SLEEVES ARE INSTALLED PROPERLY PRIOR TO INSTALLATION OF CURB AND GUTTER, ASPHALT PAVING, SIDEWALKS, CONCRETE PADS, ETC.

3. THIS SYSTEM WAS DESIGNED AT A MINIMUM STATIC PRESSURE OF 96 PSI AT THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY ACTUAL PSI AND DELIVER RESULTS TO LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. IN THE EVENT THE ACTUAL PSI IS LESS THAN 96 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.

4. THE CONTRACTOR SHALL PROVIDE TWO 120-VOLT, 20 AMP CIRCUITS FROM ELECTRICAL SOURCE TO IRRIGATION CONTROLLER AND BACKFLOW PREVENTER ENCLOSURE (ONE TO EACH). ALL WORK AND MATERIALS SHALL MEET LOCAL CODES AND THE NATIONAL ELECTRIC CODE (NE.C.).

5. CONTRACTOR SHALL INSTALL AIR RELIEF VALVE AT HIGH POINT ON MAIN LINE PER COA DUG.

ELECTRICAL SERVICE FOR IRRIGATION CONTROLLER AND BACKFLOW PREVENTER SHALL BE PROVIDED BY MAKING A POWER DROP FROM THE FIRST POLE EAST OF THE PARK ON THE SOUTH SIDE OF MOUNTAIN ROAD. THE RISER SHALL BE SET ON THE SAME SIDE OF THE POLE AS THE EXISTING RISER. POWER SHALL BE EXTENDED UNDERGROUND TO THE IRRIGATION EQUIPMENT.

VAI	VALVE SCHEDULE											
VALVE NO.	BUBBLER/ HEAD TYPE	NOZZLE SIZE	HEAD/BUB QTY.	VALVE SIZE	TOTAL GPM							
†	1401 BUBBLER 1402 BUBBLER	.25 1.50	51 9	lu.	23.50							
2	I-20 Q-HEAD I-20 H-HEAD I-20 3Q-HEAD	1.00 1.50 2.00	2 9 1	1 11	21.00							
3	I-20 F-HEAD	150	9	j"	17.00							
4	1-20 F-HEAD	150	8	1"	15.00							
5	1402 BUBBLER	150	36	1"	18.00							
6	I-20 Q-HEAD I-20 H-HEAD I-20 3Q-HEAD	1.00 1.50 2.00	2 9 1	1 1 1 1 1 1 1 1 1 1	21.00							

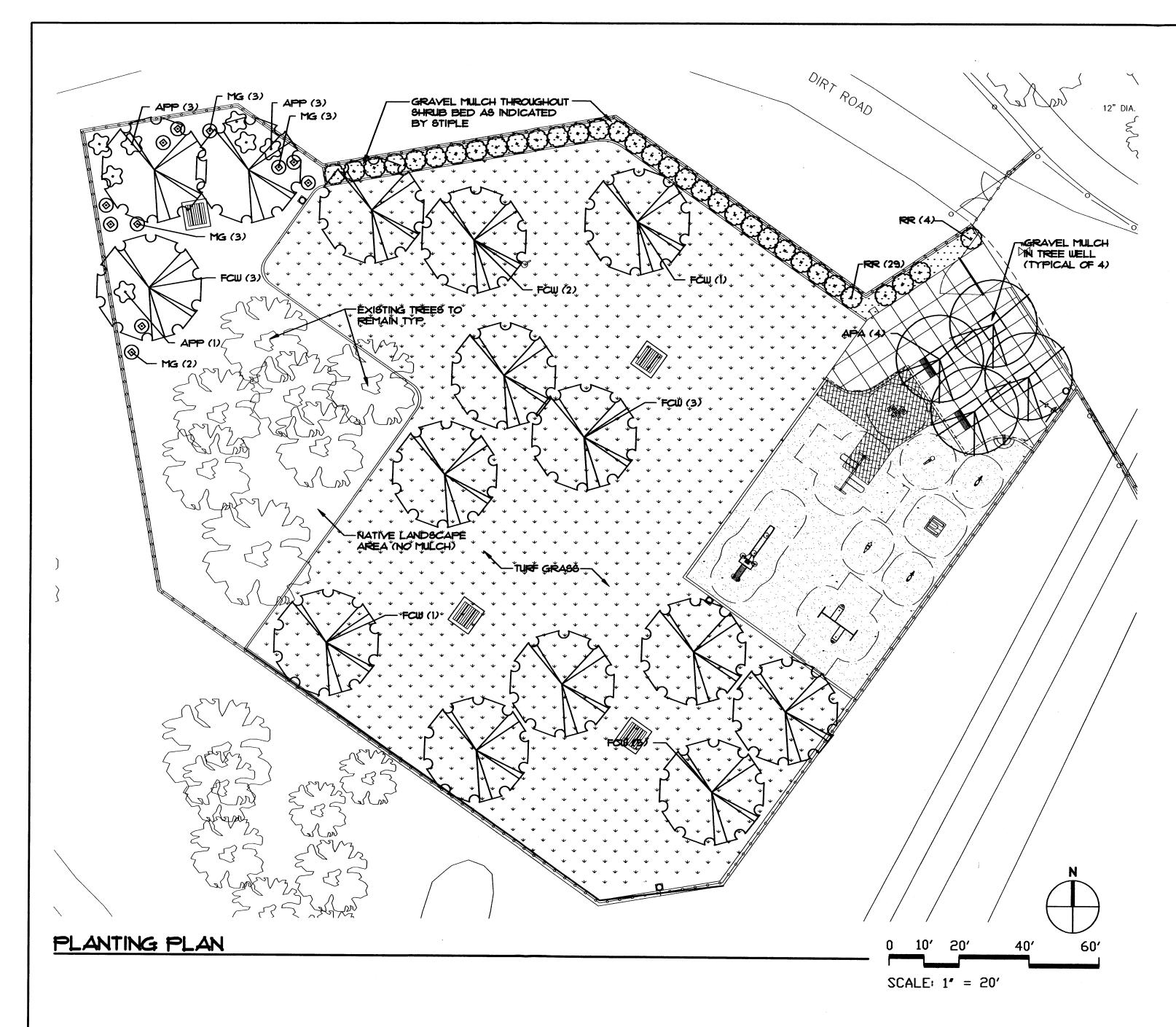
IRRIGATION SCHEDULE											
PROGRAM	VALVE NO.	PRECIP RATE	RLN TIME	CYCLES	TOTAL GPM						
	1, 5	NA	4	1	415						
2	2,6	30	134	1	42						
3	3, 4	.15	268	1	32						
TOTAL RU	1 TIME		406	MIN. / 6.76	6 HOURS						

	CITY OF AL RTMENT OF MUI ARK AND MEDIAN	NICIPAL	DEV	ELOPN		Т			
TITLE:	WEST OLD IRRIGATION								
Design Review Committee	City Engineer Appr	oval	Last Design Updates	Mo/	Day	/yr.		lo/Day	/yr.
CITY PROJECT NO.		ZONE M	AP NO	SHI	EET		3. (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	OF	

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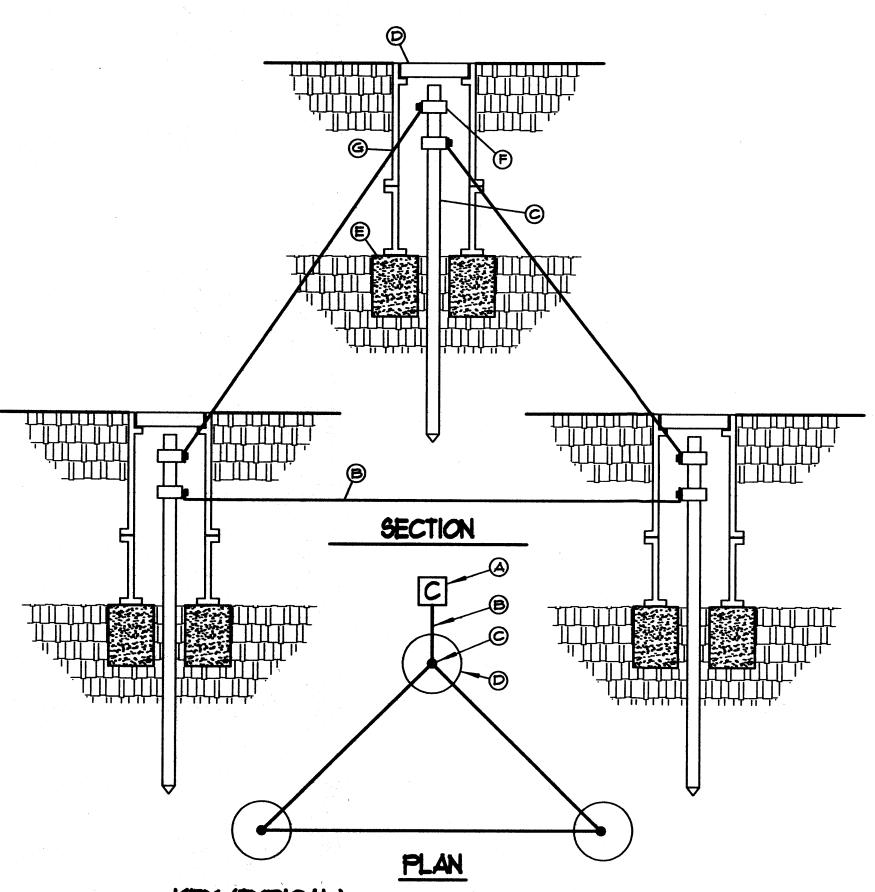
MORROW REARDON WILKINSON MILLER LTD. LANDSCAPE ARCHITECTS 210 La Veta NE, Albuquerque, NM 87108 505.268.2266 FAX 505.265.9637 mrwemrwnm.com



	NT SCHEDULE					
				S	IZE	
KEY	COMMON NAME	BOTANICAL NAME	QUANTITY	INSTALLED	MATURE	CONDITION
TREES						
APA	Autumn Purple Ash	Fraxinus americana 'Autumn Purple	s' 4	2" cal., 10'-12' ht.	20' ht. 4 spd.	30" box
FCW	Cottonwood	Populus fremontii	15	2" cal., 10'-12' ht.	30' ht. 4 spd.	30" box
SHRUB6					•	
APP	Apache Plume	Fallugia paradoxa	T ,	Min. 24" ht.	4' ht. 4 spd.	5-Gal.
MG	Maiden Grass	Miscanthus sinensis 'Gracillimus'	11	Min. 18" ht.	3' ht. 4 spd.	5-Gal.
RR	Rubber rabbitbrush	Chrysothamnus nauscosus	33	Min. 24" ht.	6' ht. 4 spd.	5-Gal.
TURF GR	48 <u>6</u>				·	
ψ ψ ψ ψ ψ	Falcon Fescue Pennfine Perennial Rye Adelphi Blue Grass	Festuca elatior "Falcon" (33%) Lolium perenne "Pennfine" (33%) Poa pratensis "Adelphi" (33%)	24,535 s.f.			9eed ● 250 lbs. PL8 per acre

PLANTING NOTES

- 1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLANS, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN.
- 2. A 4" DEPTH OF 3/4", "SANTA FE BROWN" CRUSHED GRAVEL MULCH WITH WEED BARRIER BENEATH SHALL BE INSTALLED IN SHRUB BED AT NORTH PERIMETER OF PARK AND IN TREE WELLS IN PLAZA AS NOTED ON PLAN. WEED BARRIER SHALL BE MIN. 4 OZ. WOVEN, NEEDLE PUNCHED POLYPROPLYENE (DEWITT OR EQUAL). TOP OF MULCH SHALL BE I" BELOW TOP OF ADJACENT HARD SURFACE.
- 3. THE CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES TO 6 FEET ABOVE FINISH GRADE.
- 4. REFERENCE COA DWG'S* 2713, 2714, AND 2715 FOR TREE PLANTING DETAILS. REFERENCE COA DWG* 2717 FOR SHRUB PLANTING DETAIL. (NOTE: MULCH SHALL BE CONTINUOUS IN NORTH PERIMETER SHRUB BED AS NOTED ON PLAN).



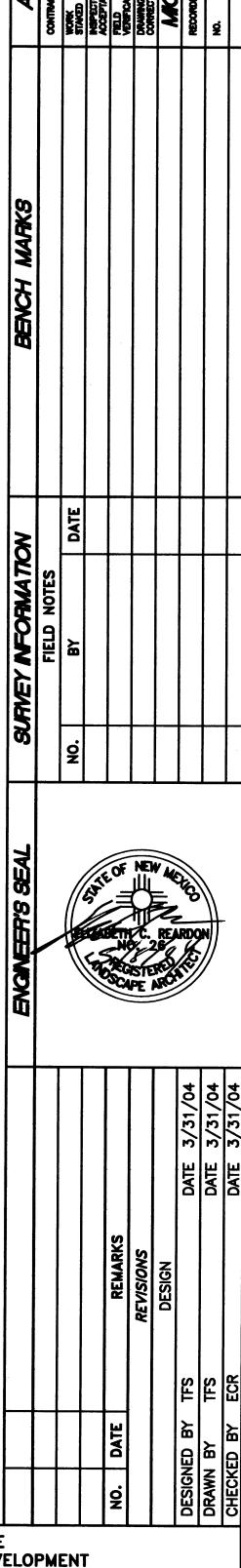
KEY (TYPICAL)

- (A) IRRIGATION CONTROLLER, SEE IRRIGATION LEGEND.

 (B) 40 AUG WIRE FROM IRRIGATION CONTROLLER TO GROUND ROD CLAMP. WIRE SHALL BE INSTALLED STRAIGHT AND TAUT.

 (C) 8' LENGTH GROUND ROD. PLACE IN IRRIGATED AREA A MINIMUM OF 16' FROM ONE ANOTHER W ONE ROD A MIN. OF 12' FROM CONTROLLER. (OPTION: REPLACE GROUND RODS W/ 1 EA. 1/8" X 12" X 18" COPPER PLATE, BURIED 4 12" DEPTH. SOLDER 46 BARE COPPER WIRE TO PLATE.)
- (D) 7" DIAMETER x 9" DEEP BROOKS 100 SERIES VALVE BOX WITH COVER.
-) 8"x8"x16" 50LID CMU BLOCK
- GROUND ROD CLAMP G DRILL A SMALL OPENING IN VALVE BOX TO MAINTAIN WIRE TAUTNESS.

CONTROLLER GROUNDING DETAIL



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	CITY OF ALARTMENT OF MUN ARK AND MEDIAN	NICIPAL	DEVE						
TITLE:	WEST OLD			ETAI	LS				
Design Review Committee	City Engineer Appr	City Engineer Approval			Day/	yr.	Mo/	Day.	/уг.
CITY PROJECT NO. 6385.01		ZONE M J-	IAP NO.	SHI	EET	ى 16	OF		6

