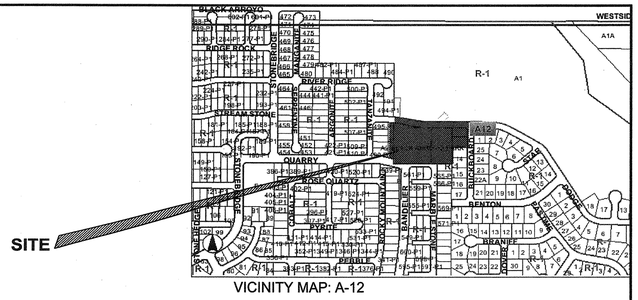
BLACK ARROYO PARK

Final For Construction- 02/12/10



VICINITY MAP: A-12

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT - Managing Department

Park Design & Construction Division

Date of Record Drawings:
Department of Parks & Recreation - Owner

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

Property Information

Property Address: 5001 Quarry Rd.
Zone : R-1
Park Acres: 4.25
New Turf Acres: 2.89

Legal Description

Tract A-1 & A-2, Drainage Right of Way and Park Site, Black Arroyo Dam
Tract B Plat of Drainage Row Tract A and TRS B A-1 B-1 & C-1 and Easement for Underground Conduit and Related Storm Drainage Works, Black Arroyo Dam
012001 Paradise Heights Unit 1

Index of Drawings

1. Cover Sheet
2. General Notes
3. Existing Conditions
4. Grading Plan
5. Grading Plan
6. Dimension Plan
7. Dimension Plan
8. Overall Construction Plan
9. Construction Plan
10. Construction Plan
11. Overall Irrigation Plan
12. Irrigation Plan
13. Irrigation Plan
14. Planting Plan
15. Planting Plan
16. Details Sheet
17. Details Sheet
18. Details Sheet
19. Storm Drain Plan
20. Electrical Plan
21. Project Information Sheet

UTILITY COMPANY CONTACTS

CALL BEFORE YOU DIG!

STATEWIDE 1-800-321-ALERT ALBUQUERQUE 260-1990

CITY OF ALBUQUERQUE UTILITY DEVELOPMENT
P.O. Box 1293
Albuquerque, New Mexico 87103
(505) 768-2719

PNM-ELECTRIC
4201 Edith Boulevard NE
Albuquerque, New Mexico 87107
(505) 241-0525

PNM-GAS
4625 Edith Boulevard NE
Albuquerque, New Mexico 87107
(505) 241-7745

QWEST
201 Third Street NW Suite 700
Albuquerque, New Mexico 87103
(505) 245-8706

QWEST
201 Third Street NW Suite 700
Albuquerque, New Mexico 87103
(505) 245-8706

REV.	SHEETS	CITY ENGINEER	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE

ENGINEER'S STAMP & SIGNATURE	APPROVED	ENGINEER	DATE
STATE OF NEW MEXICO BRIAN J. VERARDO NO. 309 REGISTERED LANDSCAPE ARCHITECT 2/12/10			

PROJECT # 787491

SHEET 1 OF 21

Final For Construction
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:

25

GENERAL NOTES

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 CONTRACTOR WILL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIORTO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF SPECIFICATIONS.
2. THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK, IN ORDER THAT THE CITY SURVEY SECTION MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. THE CONTRACTOR WILL NOTIFY THE ENGINEER IF A MONUMENT IS DISTURBED. REPLACEMENT WILL BE DONE ONLY BY THE CITY OF ALBUQUERQUE SURVEY SECTION AT THE CONTRACTOR'S EXPENSE. WHEN A CHANGE IS MADE IN THE FINISHED ELEV. OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR WILL, AT HIS OWN EXPENSE, HAVE THE CITY SURVEY SECTION ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4 OF SPECIFICATIONS.
3. THE SPECIFICATIONS USED FOR THIS PROJECT ARE THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION, UPDATE NO. 7.
4. ALL NEW MANHOLES SHALL BE TYPE "E" (COA DWG. 2102) UNLESS OTHERWISE NOTED ON THE PLANS.
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.
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.
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 THOSE ITEMS OF WORK.
8. THE CONTRACTOR WILL REPLACE ANY STRIPING THAT HAS BEEN RUINED OR REMOVED IN THE COURSE OF CONSTRUCTION.
9. ALL EXCAVATION WILL BE GOVERNED BY FEDERAL, STATE AND LOCAL LAWS, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
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.
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 FOR CONTRACTOR REQUIREMENTS.
12. 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.
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.
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.
15. THE CONTRACTOR WILL NOTIFY THE NEW MEXICO ONE CALL SYSTEM 260-1990 TWO (2) WORKING DAYS PRIOR TO COMMENCING WORK IN NEW AREAS.
16. CONTRACTOR WILL MAKE ALL WATER VALVES AND MANHOLES ACCESSIBLE TO THE CITY AT ALL TIMES.
17. CONTRACTOR WILL PLACE BITUMINOUS MATERIAL WITH THE USE OF A LAYDOWN MACHINE WHERE PAVEMENT IS 8 FEET IN WIDTH OR WIDER.
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.
19. CONTRACTOR WILL NOT PAVE OVER ANY SURFACE FEATURE, I.E., GAS VALVE, MANHOLE COVER, ETC. WITHOUT PRIOR APPROVAL FROM THE CITY FIELD ENGINEER.
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.
21. ALL WATER VALVES AND FIRE HYDRANTS REMOVED TO BE SALVAGED AND RETURNED TO THE C.O.A.
22. MINIMUM BOTTOM WIDTH OF TRENCHES FOR RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 16 INCHES. BEDDING MATERIAL SHALL BE CLASS II, III, OR IV UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
23. MINIMUM BOTTOM WIDTH OF TRENCHES FOR NON-RIGID PIPE SHALL BE EQUAL TO THE OUTSIDE DIAMETER PLUS 12 INCHES. BEDDING MATERIAL SHALL BE CLASS I, II, OR III.
24. THE CONTRACTOR AGREES TO TAKE NECESSARY SAFETY PRECAUTIONS AS REQUIRED BY FEDERAL, STATE AND LOCAL AUTHORITIES TO PROTECT PEDESTRIAN AND VEHICULAR TRAFFIC IN THE CONSTRUCTION AREA, WHICH INCLUDE BUT ARE NOT LIMITED TO: MAINTAINING ADEQUATE WARNING SIGNS, BARRICADES, LIGHTS, GUARD FENCES, WALKS AND BRIDGES.
25. ALL STRUCTURAL CONCRETE WILL BE 3000 PSI UNLESS OTHERWISE NOTED ON PLANS.
26. ALL REINFORCING STEEL WILL BE GRADE 60.
27. ALL EXPOSED EDGES ON CAST-IN-PLACE CONCRETE STRUCTURES WILL HAVE A 1" CHAMFER UNLESS OTHERWISE NOTED.
28. ALL SPLICES IN REINFORCING STEEL TO BE 2-FOOT 6-INCH MINIMUM UNLESS OTHERWISE NOTED.
29. PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL CONFLICTING UTILITIES. SHOULD A CONFLICT EXIST BETWEEN THE FIELD INFORMATION AND THE PLANS, THE CONTRACTOR WILL NOTIFY THE FIELD ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
30. THE REPLACEMENT OF THE EXISTING UTILITIES AND THE INSTALLATION OF NEW UTILITY LINES WILL BE COMPLETED IN ADVANCE OF STARTING THE PAVEMENT WORK. TEMPORARY PAVEMENT WILL BE PLACED IN ALL TRENCHES REQUIRED FOR THE UTILITY REPLACEMENTS IN THOSE AREAS THAT MUST MAINTAIN TRAFFIC UNTIL THE FINAL PAVEMENT WORK STARTS IN EACH AREA. TEMPORARY STRIPING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. MAINTENANCE OF THE TEMPORARY PAVING AND STRIPING WILL BE AT THE CONTRACTOR'S EXPENSE.
31. TACK COAT FOR SURFACE COURSE REQUIREMENTS WILL BE DETERMINED BY THE FIELD ENGINEER.
32. THE CONTRACTOR WILL CONTACT THE CITY OF ALBUQUERQUE TRAFFIC DIVISION 857-8025, ONE (1) WEEK IN ADVANCE OF ANY CHANGES REQUIRED IN THE TRAFFIC SIGNALIZATION OF THIS PROJECT. ALL WORK ASSOCIATED WITH NEW TRAFFIC SIGNALIZATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
33. ALL NEW STREET PAVING, DRIVEWAYS, SIDEWALKS, AND CURB AND GUTTERS, ABUTTING EXISTING AREAS SHALL MATCH THE ELEVATION OF THOSE AREAS.
34. PERMANENT PAVEMENT STRIPING AND MARKINGS WILL BE PLACED BY THE CONTRACTOR. ROAD SHALL NOT BE OPENED TO TRAFFIC UNTIL IT IS STRIPED. ALL STRIPING, PAVEMENT MARKINGS INCLUDING CROSSWALKS, ARROWS AND LINE MARKINGS ARE TO BE CONSTRUCTED OF HOT PLASTIC OR COLD PLASTIC IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
35. ALL EXCAVATED MATERIAL THAT IS NOT REQUIRED TO BE REUSED MUST BE REMOVED FROM THE PROJECT AREA WITHIN FOUR DAYS OF EXCAVATION. SPOIL PILES WILL BE ALLOWED ONLY AS DIRECTED BY THE CITY FIELD ENGINEER.
36. THE CONTRACTOR WILL COORDINATE THE CONSTRUCTION ACTIVITIES WITH ALL OTHER CONTRACTORS AND UTILITY COMPANIES WORKING IN THE SAME AREA. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE THEIR ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCE CAUSED BY UTILITY COMPANY WORK CREWS. A CONTRACT EXTENSION MAY BE ALLOWED AS DELINEATED IN CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS.
37. ALL CONSTRUCTION EASEMENTS ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CITY OF ALBUQUERQUE PRIOR TO THE BEGINNING OF CONSTRUCTION.
38. EXISTING MEDIAN CURB AND GUTTER AND STANDARD CURB AND GUTTER, NOT DISTURBED BY CONTRACTOR, BUT OUT OF ALIGNMENT, DISPLACED VERTICALLY, BADLY BROKEN AND/OR DETERIORATED, WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER AND PAID FOR AT CONTRACT UNIT PRICES.
39. ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION OR FOR OTHER REASONS AND NOT SHOWN ON THE SIGNING PLANS WILL BE FURNISHED BY THE CONTRACTOR AND WILL BE PAID AS SPECIFIED IN THE TECHNICAL SPECIFICATIONS AND BID PROPOSAL. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR WILL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH THE SPECIFICATIONS. CONTRACTOR MUST MAKE PROVISIONS TO PROVIDE ACCESS TO PROPERTIES. REFER TO SECTION 19 OF THE SPECIFICATIONS.
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 AND THESE SHORING, SHEETING, AND SUPPORTS ARE CONSIDERED INCIDENTAL TO THIS PROJECT. 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.
41. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING 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.
45. THE CONTRACTOR WILL BE RESPONSIBLE FOR SECURING NPDES PERMITS REQUIRED 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.
49. CONTRACTOR WILL CONSTRUCT TEMPORARY ASPHALT PAVEMENT AS DIRECTED BY THE FIELD 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.
51. ALL ASPHALTIC CONCRETE SHALL BE MINIMUM 1800 LB. STABILITY AND COMPACTED TO 95% MODIFIED MARSHALL DENSITY UNLESS OTHERWISE NOTED ON THE PLANS.
52. ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR (24) HOUR CONSTRUCTION.
53. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
54. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO INITIATE IMPLEMENTATION OF THE NON-PRESSURIZED CONNECTION PLAN.
55. FOR STORM DRAIN CONSTRUCTION, RCP PIPE JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION WILL DETERMINE JOINTS TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
56. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
57. CONTRACTOR SHALL ERECT TEMPORARY CHAIN LINK CONSTRUCTION FENCE. SUCH FENCE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD AND REMOVED ONLY UPON FINAL ACCEPTANCE OF THE PROJECT BY THE CITY.
58. QUANTITIES PROVIDED ON THE PLANS ARE FOR THE CONTRACTOR'S CONVENIENCE ONLY. PLANS SHALL TAKE PRECEDENCE IN ALL CASES.
59. CONTRACTOR SHALL INSTALL ALL FURNISHINGS, FENCES, SPORTS EQUIPMENT, SHADE STRUCTURES, AND OTHER MISCELLANEOUS SITE FURNISHINGS WITH TAMPER PROOF HARDWARE UNLESS OTHERWISE NOTED ON THE PLANS. IN LIEU OF TAMPER PROOF HARDWARE, CONTRACTOR MAY SPOT WELD OR LIQUID WELD HARDWARE UPON PRIOR APPROVAL BY THE OWNER. CONTRACTOR SHALL PROVIDE A SUBMITTAL FOR TAMPER PROOF HARDWARE AND/OR LIQUID WELD PRODUCTS. CONTRACTOR SHALL PAINT TO MATCH ANY SPOT WELDS. CONTRACTOR SHALL CUT OFF BOLT ENDS THAT EXTEND BEYOND 2 THREADS PAST THE NUT. ALL PLAY AREA EQUIPMENT SHALL BE INSTALLED WITH THE MANUFACTURER'S RECOMMENDED HARDWARE.

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL
STATE OF NEW MEXICO — BRIAN J. VERARDO NO. 309 — REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

		DATE
DESIGNED BY		8/27/09
DRAWN BY	AD	8/27/09
CHECKED BY	BV	8/27/09

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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
GENERAL NOTES

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

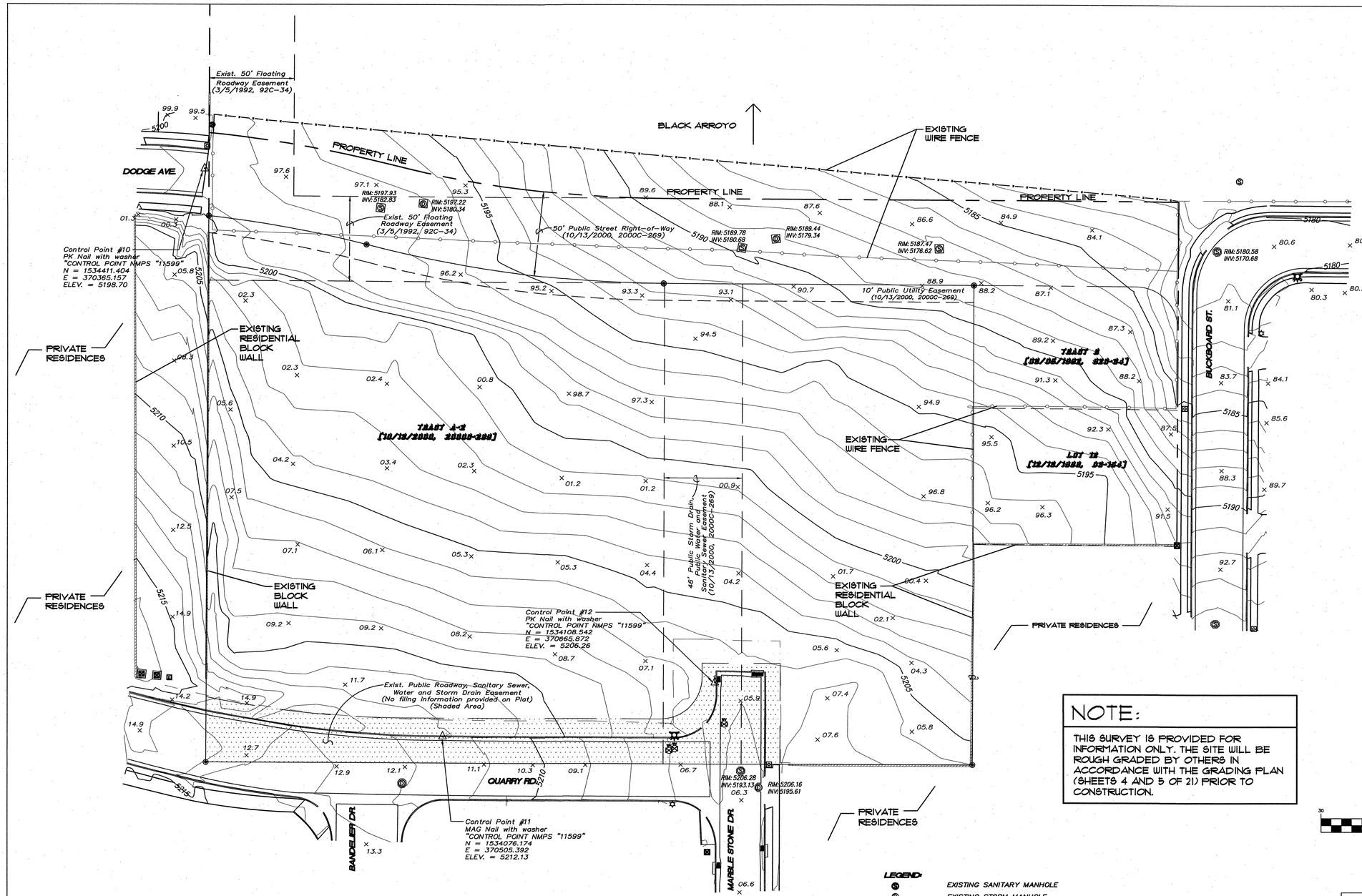
City Project No.	Zone Map No.	Sheet
787491	A-12	2 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



NOTE:

THIS SURVEY IS PROVIDED FOR INFORMATION ONLY. THE SITE WILL BE ROUGH GRADED BY OTHERS IN ACCORDANCE WITH THE GRADING PLAN (SHEETS 4 AND 5 OF 21) PRIOR TO CONSTRUCTION.

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

LEGEND:

- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING ELECTRIC METER
- EXISTING COMMUNICATION PEDESTAL
- EXISTING CATV PEDESTAL
- EXISTING STREET LIGHT
- EXISTING MAIL BOX
- PROJECTED PROPERTY CORNER
- 98.7 EXISTING SPOT ELEVATION
- 5035 EXISTING MAJOR CONTOUR
- EXISTING BLOCK WALL
- EXISTING SILT FENCE
- EXISTING WIRE FENCE

NOTES:

The coordinates shown hereon are modified (surface) N.M. State Plane Coordinates, Central Zone–NAD 27(HARN) and were derived by scaling State Plane Coordinates by the project combined factor of 1.000325956. The State Plane Coordinates are referred to the NGS control Point "BLACK 2". The elevations shown hereon are referred to sea level, NAVD88, and have been adjusted to Control Station "BLACK 2" as well (published elevation = 5216.64').

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWINGS CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY	AD	DATE 8/27/09
DRAWN BY		DATE 8/27/09
CHECKED BY	BV	DATE 8/27/09

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:

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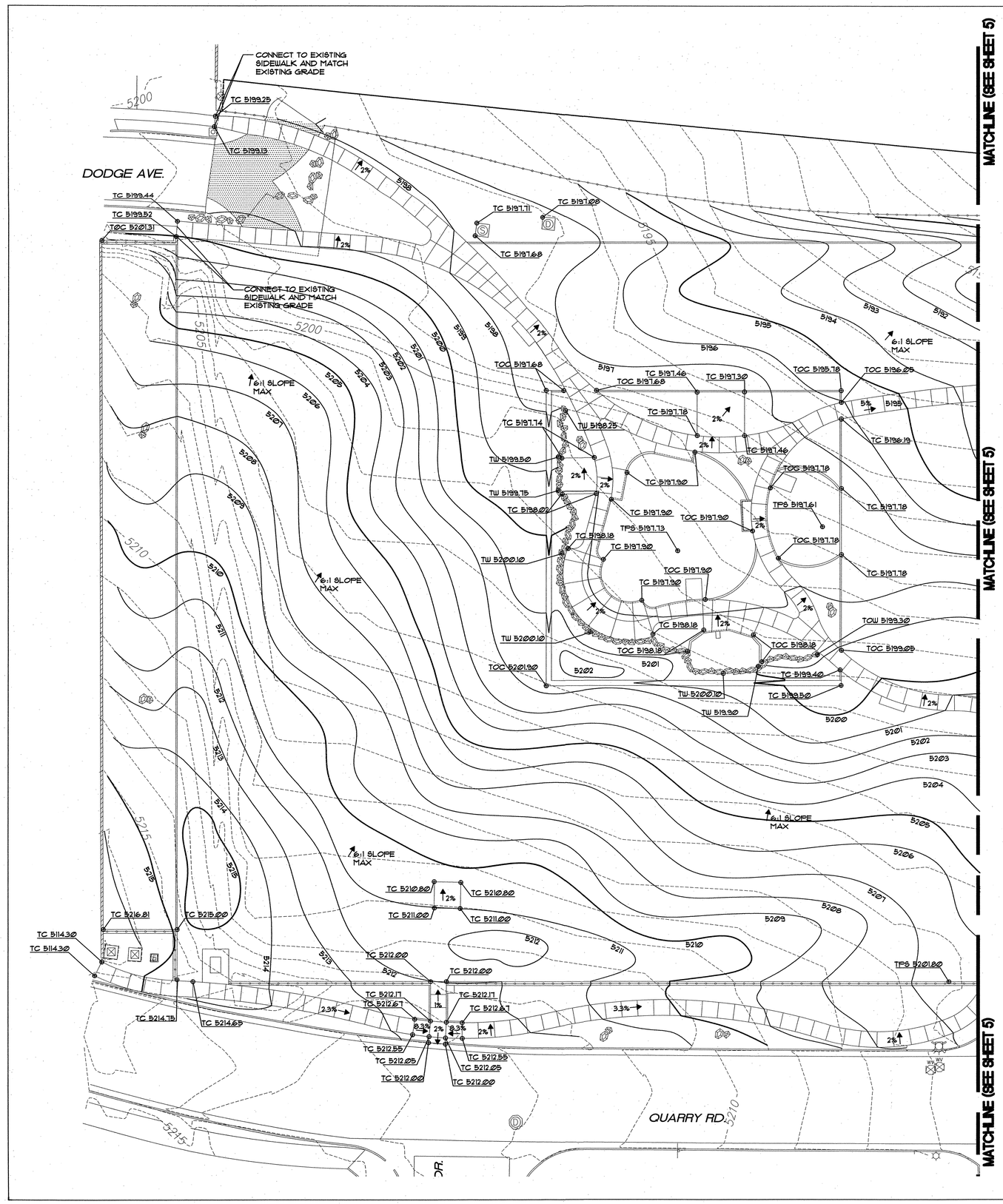
1-FOOT Contour Interval

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
EXISTING CONDITIONS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	3 OF 21



GRADING LEGEND

TOC	TOP OF CURB
TC	TOP OF CONCRETE
TFS	TOP OF PLAY SURFACING
TW	TOP OF WALL

GENERAL NOTES

1. LANDSCAPE ARCHITECT WILL PROVIDE ELECTRONIC VERSIONS OF THE PLAN FOR SURVEYING PURPOSES

NOTE:

THE SITE WILL BE ROUGH GRADED BY OTHERS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADING THE SITE PER THIS PLAN.

0 10 20 40 60

SCALE: 1" = 20'

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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
GRADING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A–12	4 OF 21

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY		DATE 8/27/09
DRAWN BY	AD	DATE 8/27/09
CHECKED BY	BY	DATE 8/27/09

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS–BUILT INFORMATION

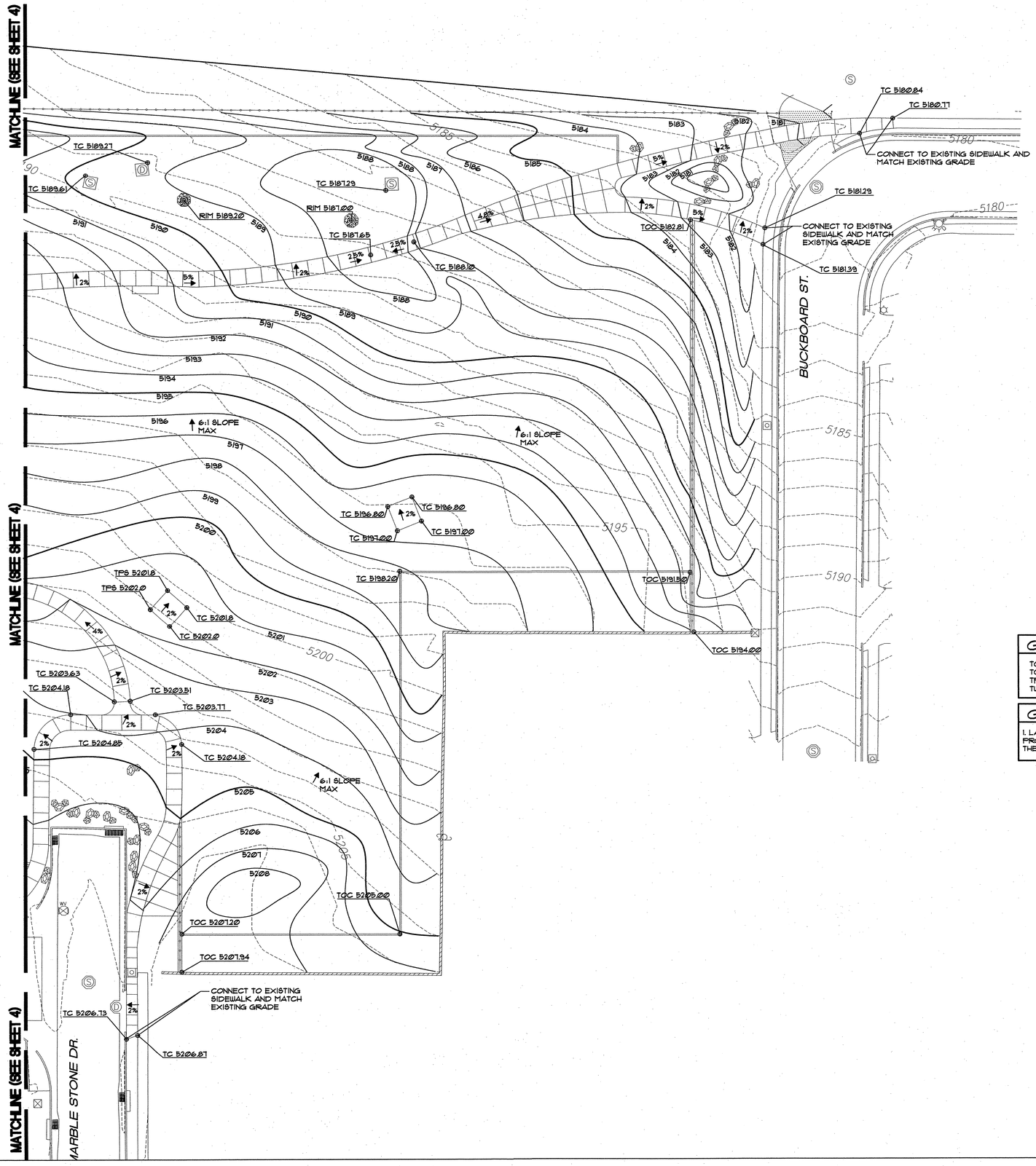
CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
AS-BUILT VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE
MICRO–FILM INFORMATION		
RECORDED BY		DATE
NO.		

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



GRADING LEGEND

TOC	TOP OF CURB
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TPS	TOP OF PLAY SURFACING
TW	TOP OF WALL

GENERAL NOTES

1. LANDSCAPE ARCHITECT WILL PROVIDE ELECTRONIC VERSIONS OF THE PLAN FOR SURVEYING PURPOSES

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N

0 10 20 40 60

SCALE: 1" = 20'

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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
GRADING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	5 OF 21

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
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RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

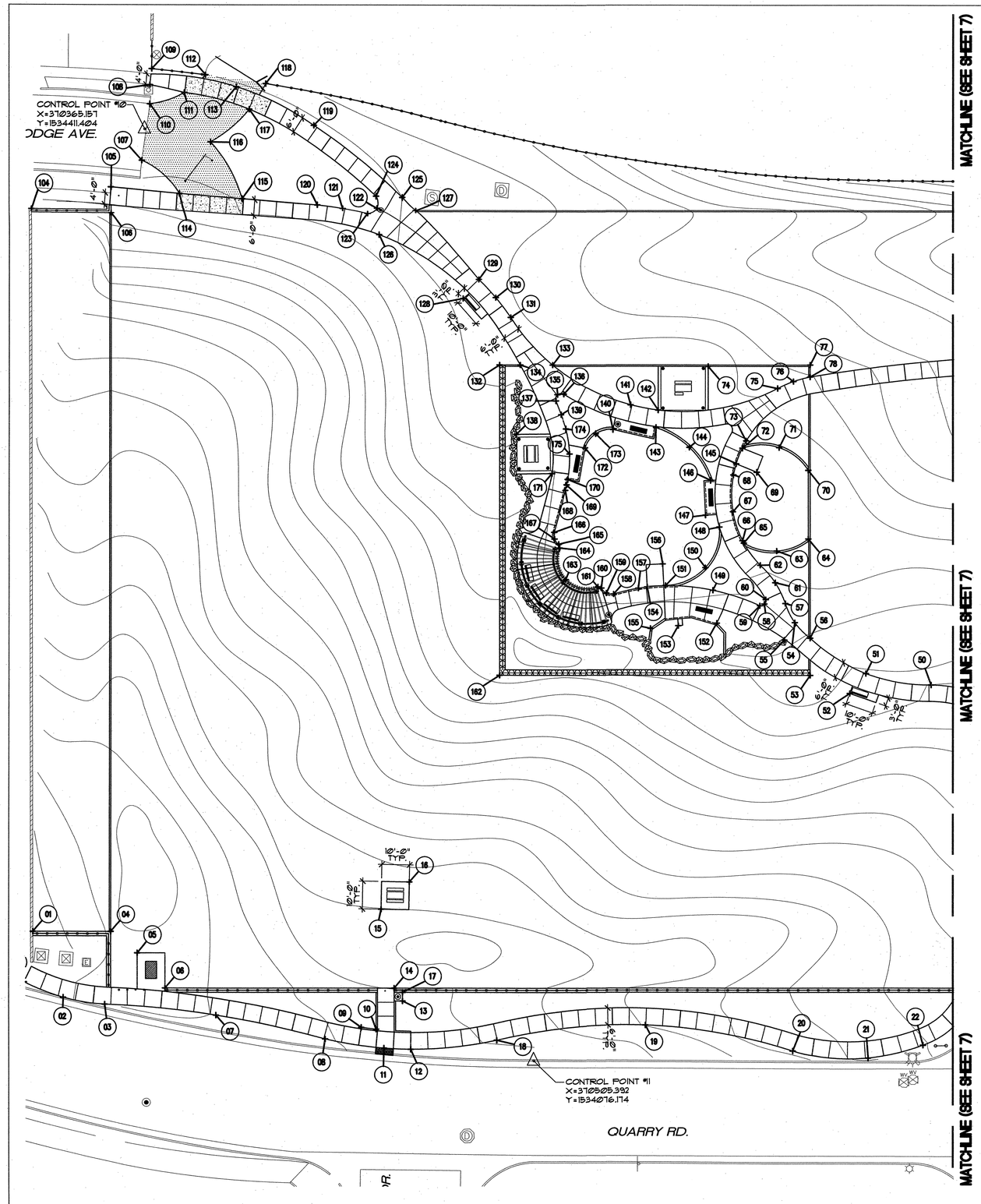
DESIGNED BY		DATE	8/27/09
DRAWN BY	AD	DATE	8/27/09
CHECKED BY	BY	DATE	8/27/09

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



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04	X=370352.95	Y=1534121.69
05	X=370362.54	Y=1534114.39
06	X=370372.54	Y=1534101.98
07	X=370390.86	Y=1534092.38
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12	X=370461.03	Y=1534080.17
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16	X=370460.54	Y=1534139.65
17	X=370458.08	Y=1534100.48
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19	X=370545.65	Y=1534088.83
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25	X=370699.89	Y=1534035.32
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33	X=370710.97	Y=1534122.72
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35	X=370801.46	Y=1534073.97
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38	X=370805.64	Y=1534242.84
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61	X=370592.39	Y=1534248.17
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63	X=370592.92	Y=1534259.92
64	X=370604.29	Y=1534264.29
65	X=370581.09	Y=1534262.7
66	X=370580.65	Y=1534263.60
67	X=370577.17	Y=1534274.24
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69	X=370585.74	Y=1534288.00
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73	X=370581.94	Y=1534299.11
74	X=370568.24	Y=1534325.91
75	X=370593.26	Y=1534317.80
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77	X=370604.95	Y=1534326.41
78	X=370604.95	Y=1534321.97
79	X=370663.55	Y=1534328.95
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88	X=370884.23	Y=1534352.44
89	X=370888.02	Y=1534358.47
90	X=370884.12	Y=1534361.91
91	X=370886.99	Y=1534366.23
92	X=370885.39	Y=1534382.98
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99	X=370991.05	Y=1534389.45
100	X=370967.25	Y=1534388.95
101	X=370966.08	Y=1534388.84
102	X=370947.19	Y=1534386.09
103	X=370941.43	Y=1534384.84
104	X=370324.24	Y=1534383.47
105	X=370352.94	Y=1534390.96
106	X=370352.95	Y=1534381.79
107	X=370364.10	Y=1534400.21
108	X=370366.98	Y=1534427.16
109	X=370367.66	Y=1534433.07
110	X=370367.00	Y=1534420.34
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112	X=370386.97	Y=1534430.78
113	X=370398.16	Y=1534426.48
114	X=370377.58	Y=1534388.79
115	X=370400.19	Y=1534387.04
116	X=370388.82	Y=1534406.74
117	X=370402.77	Y=1534418.51
118	X=370408.70	Y=1534427.61
119	X=370426.05	Y=1534412.80
120	X=370427.29	Y=1534385.02
121	X=370436.34	Y=1534383.72
122	X=370448.76	Y=1534383.84
123	X=370445.36	Y=1534381.58
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128	X=370479.85	Y=1534350.63
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130	X=370491.65	Y=1534350.98
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139	X=370515.17	Y=1534308.30
140	X=370533.92	Y=1534303.06
141	X=370540.30	Y=1534311.80
142	X=370550.24	Y=1534309.88
143	X=370549.45	Y=1534303.68
144	X=370561.47	Y=1534296.76
145	X=370578.29	Y=1534290.93
146	X=370569.09	Y=1534285.17
147	X=370567.26	Y=1534272.98
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149	X=370569.96	Y=1534245.43
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151	X=370552.90	Y=1534247.11
152	X=370571.34	Y=1534233.29
153	X=370557.45	Y=1534232.32
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155	X=370547.43	Y=1534231.30
156	X=370551.83	Y=1534255.07
157	X=370543.09	Y=1534246.13
158	X=370534.15	Y=1534243.98
159	X=370531.56	Y=1534244.35
160	X=370529.74	Y=1534246.26
161	X=370528.50	Y=1534246.67
162	X=370492.96	Y=1534214.46
163	X=370516.88	Y=1534249.35
164	X=370514.55	Y=1534261.07
165	X=370514.22	Y=1534262.41
166	X=370512.64	Y=1534266.74
167	X=370512.75	Y=1534264.31
168	X=370516.70	Y=1534281.80
169	X=370517.20	Y=1534283.72
170	X=370517.59	Y=1534285.57
171	X=370511.85	Y=1534287.58
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174	X=370516.93	Y=1534303.27
175	X=370518.24	Y=1534294.46

N

0 10 20 40 60

SCALE: 1" = 20'

GENERAL NOTE

1. LANDSCAPE ARCHITECT WILL PROVIDE ELECTRONIC VERSIONS OF THE PLAN FOR SURVEY STAKING.

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DOCUMENTS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

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MORROW REARDON WILKINSON MILLER, LTD.,
LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9537
mrw@mrwnm.com

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
DIMENSION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

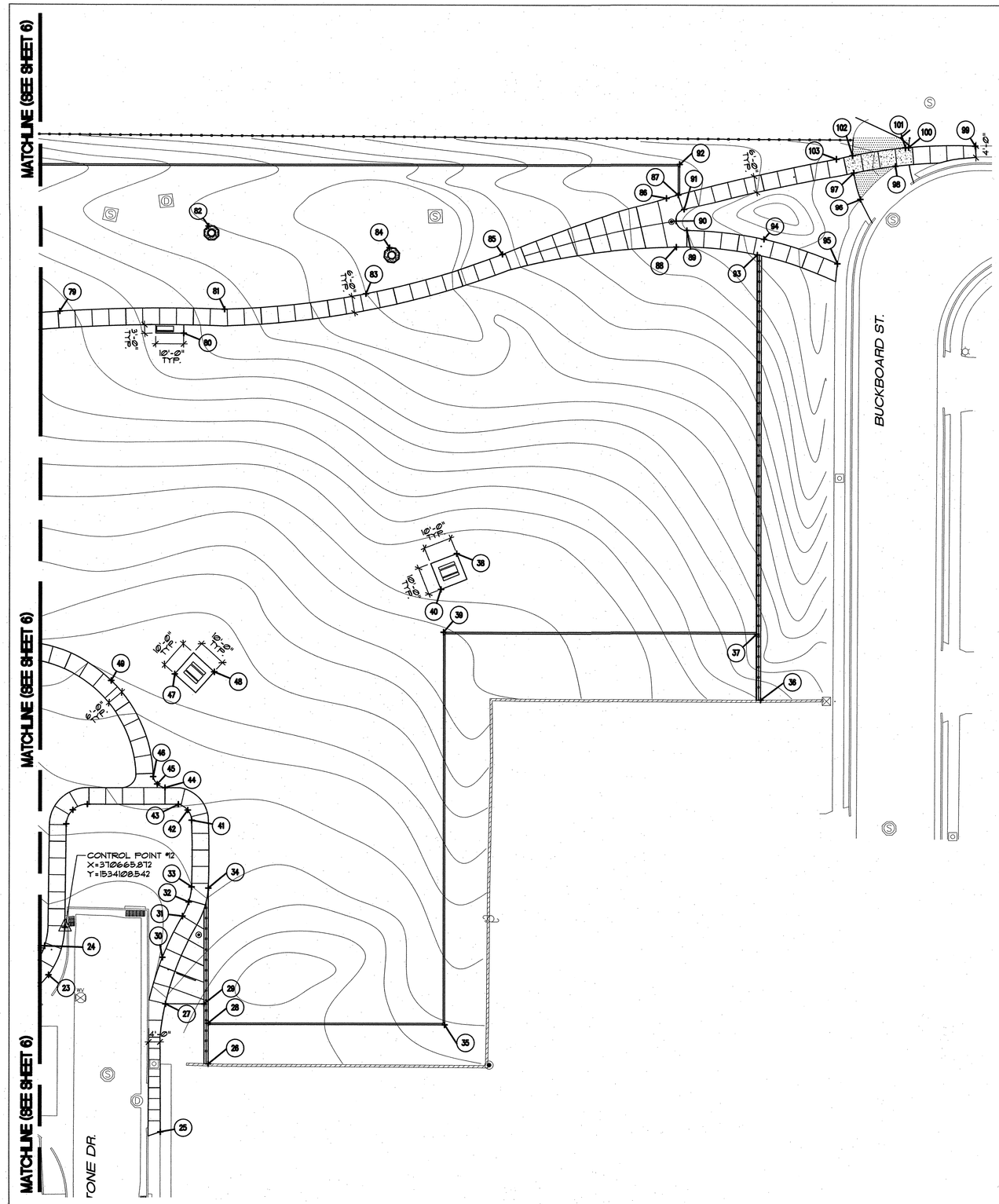
City Project No.	Zone Map No.	Sheet
787491	A-12	6 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



COORDINATES

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01	X=370324.93	Y=1534121.69
02	X=370335.81	Y=1534098.76
03	X=370350.77	Y=1534096.33
04	X=370352.95	Y=1534121.69
05	X=370362.54	Y=1534114.39
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11	X=370451.36	Y=1534080.58
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29	X=370715.46	Y=1534081.37
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32	X=370709.96	Y=1534117.35
33	X=370710.97	Y=1534122.72
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35	X=370801.46	Y=1534073.97
36	X=370914.41	Y=1534190.62
37	X=370912.96	Y=1534214.03
38	X=370805.64	Y=1534242.84
39	X=370800.96	Y=1534214.47
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43	X=370706.19	Y=1534152.47
44	X=370701.40	Y=1534158.47
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52	X=370619.23	Y=1534207.82
53	X=370604.96	Y=1534214.46
54	X=370599.44	Y=1534233.52
55	X=370595.66	Y=1534227.12
56	X=370604.94	Y=1534227.79
57	X=370596.03	Y=1534240.52
58	X=370588.47	Y=1534240.34
59	X=370586.85	Y=1534239.72
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61	X=370592.39	Y=1534248.17
62	X=370587.01	Y=1534254.66
63	X=370592.92	Y=1534259.92
64	X=370604.29	Y=1534264.29
65	X=370581.09	Y=1534262.7
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72	X=370580.57	Y=1534296.48
73	X=370581.94	Y=1534299.11
74	X=370568.24	Y=1534325.91
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77	X=370604.95	Y=1534326.41
78	X=370604.95	Y=1534321.97
79	X=370663.55	Y=1534328.95
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82	X=370716.80	Y=1534359.96
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	EASTING (X)=	NORTHING (Y)=
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89	X=370888.02	Y=1534358.47
90	X=370884.12	Y=1534361.91
91	X=370886.99	Y=1534366.23
92	X=370885.39	Y=1534382.98
93	X=370913.20	Y=1534349.67
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97	X=370947.66	Y=1534380.05
98	X=370962.57	Y=1534382.44
99	X=370991.05	Y=1534389.45
100	X=370967.25	Y=1534388.95
101	X=370966.08	Y=1534388.84
102	X=370947.19	Y=1534386.09
103	X=370941.43	Y=1534384.84
104	X=370324.24	Y=1534383.47
105	X=370352.94	Y=1534390.96
106	X=370352.95	Y=1534381.79
107	X=370364.10	Y=1534400.21
108	X=370366.98	Y=1534427.16
109	X=370367.66	Y=1534433.07
110	X=370367.00	Y=1534420.34
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112	X=370386.97	Y=1534430.78
113	X=370398.16	Y=1534426.48
114	X=370377.58	Y=1534388.79
115	X=370400.19	Y=1534387.04
116	X=370388.82	Y=1534406.74
117	X=370402.77	Y=1534418.51
118	X=370408.70	Y=1534427.61
119	X=370426.05	Y=1534412.80
120	X=370427.29	Y=1534385.02
121	X=370436.34	Y=1534383.72
122	X=370448.76	Y=1534383.84
123	X=370445.36	Y=1534381.58
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128	X=370479.85	Y=1534350.63
129	X=370485.48	Y=1534357.71
130	X=370491.65	Y=1534350.98
131	X=370496.98	Y=1534343.68
132	X=370492.96	Y=1534326.45
133	X=370512.06	Y=1534326.41
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135	X=370513.82	Y=1534315.54
136	X=370516.17	Y=1534315.71
137	X=370513.25	Y=1534313.27
138	X=370498.95	Y=1534301.43
139	X=370515.17	Y=1534308.30
140	X=370533.92	Y=1534303.06
141	X=370540.30	Y=1534311.80
142	X=370550.24	Y=1534309.88
143	X=370549.45	Y=1534303.68
144	X=370561.47	Y=1534296.76
145	X=370578.29	Y=1534290.93
146	X=370569.09	Y=1534285.17
147	X=370567.26	Y=1534272.98
148	X=370572.26	Y=1534268.69
149	X=370569.96	Y=1534245.43
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157	X=370543.09	Y=1534246.13
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159	X=370531.56	Y=1534244.35
160	X=370529.74	Y=1534246.26
161	X=370528.50	Y=1534246.67
162	X=370492.96	Y=1534214.46
163	X=370516.88	Y=1534249.35
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166	X=370512.64	Y=1534266.74
167	X=370512.75	Y=1534264.31
168	X=370516.70	Y=1534281.80
169	X=370517.20	Y=1534283.72
170	X=370517.59	Y=1534285.57
171	X=370511.85	Y=1534287.58
172	X=370523.83	Y=1534296.60
173	X=370527.71	Y=1534301.65
174	X=370516.93	Y=1534303.27
175	X=370518.24	Y=1534294.46

N

0 10 20 40 60

SCALE: 1" = 20'

GENERAL NOTE

1. LANDSCAPE ARCHITECT WILL PROVIDE ELECTRONIC VERSIONS OF THE PLAN FOR SURVEY STAKING.

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	BY	REMARKS

		DATE
DESIGNED BY		8/27/09
DRAWN BY	AD	8/27/09
CHECKED BY	BV	8/27/09

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505.268.2286 FAX 505.265.9657
mrw@mrwnm.com

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
DIMENSION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

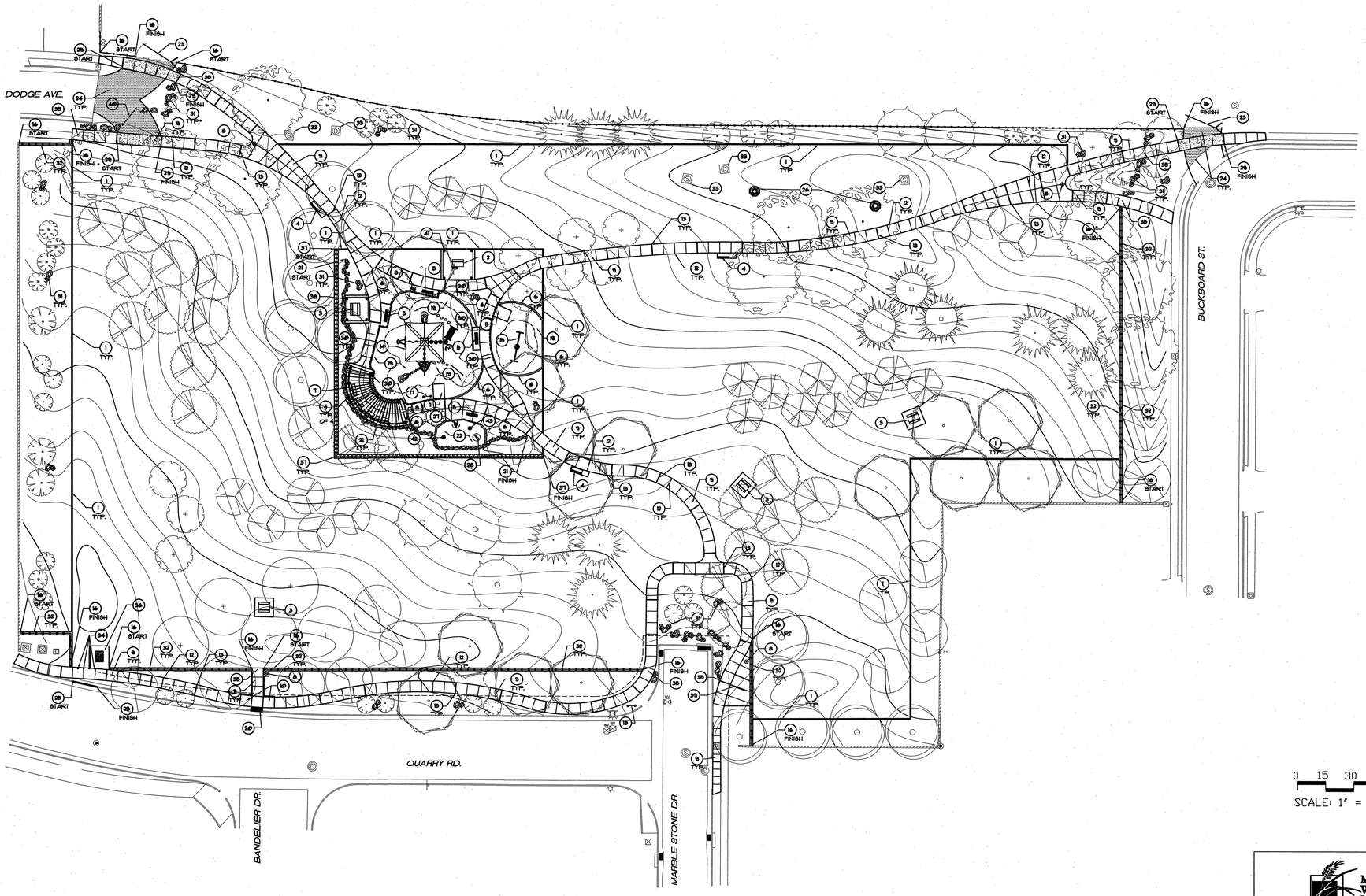
City Project No.	Zone Map No.	Sheet
787491	A-12	7 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



0 15 30 60 90

SCALE: 1" = 30'

GENERAL NOTE:

SEE SHEETS 9 OF 21 AND 10 OF 21 FOR CONSTRUCTION KEYED NOTES.

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.266.2266 FAX 505.265.9837
mlrw@mlrwlm.com

NO.	DATE	REMARKS	BY

REVISIONS

DESIGNED BY		DATE 8/27/09
DRAWN BY	AD	DATE 8/27/09
CHECKED BY	BV	DATE 8/27/09

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

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DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

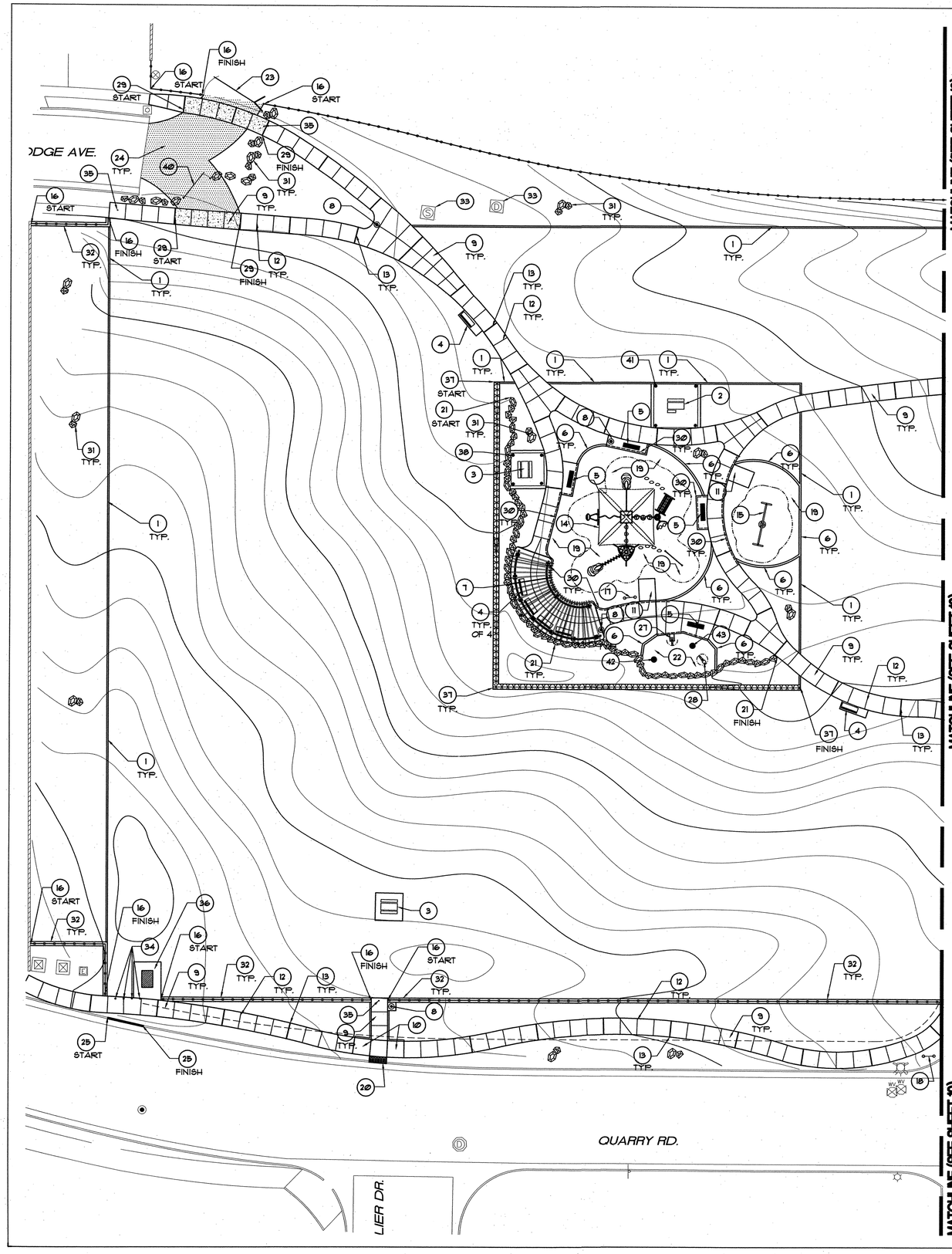
CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
CONSTRUCTION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	8 OF 21

RECORD DRAWINGS
DATE:



CONSTRUCTION KEYED NOTES:

1. CONSTRUCT 6" CONCRETE MOWCURB PER COA STD. DWG. 2720.
2. INSTALL 6' H/C PICNIC TABLE AND CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. PICNIC TABLE SHALL BE PROVIDED BY C.O.A. PICNIC TABLE SHALL BE 511 6' MOUNTAINEER RCP HANDICAP ACCESSIBLE PICNIC TABLE, SURFACE MOUNT, WITH 'CEDAR' RECYCLED PLASTIC SLATS. COLOR: BLACK POWDERCOAT FINISH. CONSTRUCT CONCRETE PAD FOR PICNIC TABLE PER COA STD. DWG. 2720. CONCRETE PAD SHALL CONNECT TO ADJACENT CONCRETE WALK WITH EXPANSION JOINT BETWEEN. TABLE SHALL BE CENTERED ON CONCRETE PAD.
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4. INSTALL 6' BENCH WITH BACK AND CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. BENCH SHALL BE PROVIDED BY C.O.A. BENCH SHALL BE 511 STRUCTURES MODEL #6CP-GL, SURFACE MOUNT, WITH INTERMEDIATE ARMREST AND 'CEDAR' RECYCLED PLASTIC SLATS. COLOR: BLACK POWDERCOAT FINISH. CONSTRUCT CONCRETE PAD FOR BENCH PER COA STD. DWG. 2720. CONCRETE PAD SHALL CONNECT TO ADJACENT CONCRETE WALK WITH EXPANSION JOINT BETWEEN.
5. INSTALL 6' BACKLESS BENCH AND CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. BENCH SHALL BE 511 STRUCTURES MODEL #6CFDNB-GL, SURFACE MOUNT, WITH INTERMEDIATE ARMREST AND 'CEDAR' RECYCLED PLASTIC SLATS. COLOR: BLACK POWDERCOAT FINISH. CONSTRUCT CONCRETE PAD FOR BENCH PER COA STD. DWG. 2720. CONCRETE PAD SHALL CONNECT TO ADJACENT CONCRETE WALK WITH EXPANSION JOINT BETWEEN.
6. CONSTRUCT CONCRETE PLAY AREA CONTAINMENT WALL PER COA STD. DWG. 2729.
7. INSTALL 14'X40' STEEL SHADE PERGOLA PER MANUFACTURER'S INSTRUCTIONS. PERGOLA SHALL BE PROVIDED BY C.O.A. PERGOLA SHALL BE 511 STRUCTURES MODEL #AS-MP1440-RC ALL STEEL MANHATTAN PERGOLA WITH ROUNDED STEEL BANDED COLUMNS. MANUFACTURER SHALL SUPPLY ENGINEERED STAMPED DRAWINGS FOR FOOTINGS AND STRUCTURE. STEEL FRAME COLOR: BLACK. FOOTING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF FOOTINGS FOR FINAL LOCATION AND PRIOR TO INSTALLATION OF STRUCTURE FOR APPROVAL OF ORIENTATION.
8. INSTALL TRASH RECEPTACLE. TRASH RECEPTACLE SHALL BE PROVIDED BY C.O.A. RECEPTACLE SHALL BE BEARSAVER MODEL RSO-35. COLOR: GREEN. SURFACE MOUNT PER MANUFACTURER'S SPECIFICATIONS.
9. CONSTRUCT 4000 PSI CONCRETE SIDEWALK PER COA STD. DWG. 2720.
10. CONSTRUCT WHEELCHAIR ACCESS RAMP PER CITY STD. DWG. 2441. ACCESS RAMP SHALL BE 4000 PSI CONCRETE.
11. CONSTRUCT PLAYGROUND ACCESS RAMP PER DETAIL C/16.
12. CONTROL JOINT PER COA STD DWG. 2450
13. EXPANSION JOINT PER COA STD DWG. 2451
14. INSTALL PLAY STRUCTURE. PLAY STRUCTURE SHALL BE PROVIDED BY C.O.A. PLAY STRUCTURE SHALL BE GAMETIME CUSTOM XSCAPE HYBRID STRUCTURE, MODEL #RDU. COLOR PALETTE SHALL BE "FOREST." REFERENCE PLAY EQUIPMENT NOTES, SHEET 18 OF 21. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
15. INSTALL TIRE SWING. TIRE SWING SHALL BE PROVIDED BY C.O.A. TIRE SWING SHALL BE MODEL #LSI 120891A AS MANUFACTURED BY LANDSCAPE STRUCTURES, WITH AGE-APPROPRIATE SIGNAGE STICKER, AS MANUFACTURED BY LANDSCAPE STRUCTURES. REFERENCE PLAY EQUIPMENT NOTES SHEET 17 OF 20. INSTALL PER MANUFACTURER'S INSTRUCTIONS. FINISH: POWDERCOAT PROSHIELD COLOR: PINE GREEN.
16. FURNISH AND INSTALL 4' HEIGHT WELDED WIRE FENCE. FENCE SHALL BE 4' DEACERO FENCE, MODEL #D4 6 GA. GALVANIZED WIRE FENCE SYSTEM, OR PRIOR APPROVED EQUAL. CENTER ATTACHMENT OPTION. COLOR: BLACK. AVAILABLE FROM DESIGNMASTER (800-332-2376.). INSTALL PER MANUFACTURER'S INSTRUCTIONS.
17. INSTALL AGE APPROPRIATE SIGNAGE FOR PLAY EQUIPMENT. SIGN SHALL BE PROVIDED BY C.O.A. SIGN SHALL BE GAMETIME MODEL #3779. COLOR: BEIGE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
18. INSTALL CITY OF ALBUQUERQUE PARK NAME SIGN, REGULATION SIGN, AND POST. SIGN AND POST WILL BE PROVIDED BY DMD PARK CONSTRUCTION.
19. FURNISH AND INSTALL ENGINEERED WOOD FIBER PLAY GROUND MULCH. DEPTH SHALL BE MINIMUM 12" AFTER COMPACTION.
20. CONTRACTOR SHALL INSTALL 24" DETECTABLE WARNING STRIP. WARNING STRIP SHALL MEET ALL CURRENT ADA GUIDELINES. CONTRACTOR SHALL SUBMIT SPECIFICATION TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION. COLOR: YELLOW.
21. CONTRACTOR SHALL INSTALL MORTARED STACKED BASALT STONE RETAINING WALL PER DETAIL F/17. BASALT STONE FOR WALL SHALL BE PROVIDED BY THE OWNER.
22. CONTRACTOR SHALL INSTALL 12" DEPTH SAND.
23. SWING GATE AND PEDESTRIAN WALK-THROUGH. SWING GATE AND WALK THROUGH TO BE PROVIDED AND INSTALLED BY AMAFCA. CONTRACTOR SHALL COORDINATE WITH AMAFCA FOR TIMING OF INSTALLATION.
24. INSTALL 6" DEPTH OF GRAVEL BASE COURSE BENEATH 4" DEPTH CRUSHER FINES FOR AMAFCA AND MAINTENANCE VEHICLE ACCESS PER DETAIL H/17.
25. CONSTRUCT ROLL TYPE MOUNTABLE CURB PER COA STD. DWG. 2415A.
26. PROPOSED STORM DRAIN INLET AND DRAIN BASIN, SEE STORM DRAIN PLAN, SHEET 19 OF 21.
27. FURNISH AND INSTALL WHEELCHAIR ACCESSIBLE DIGGER. WHEELCHAIR ACCESSIBLE DIGGER SHALL BE PROVIDED BY C.O.A. DIGGER SHALL BE WHEELCHAIR ACCESSIBLE SUPERSCOOP, MODEL #23832A SURFACE MOUNT, AS MANUFACTURED BY LANDSCAPE STRUCTURES. PROSHIELD COLOR: TAN. REFERENCE PLAY EQUIPMENT NOTES SHEET 18 OF 21. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
28. FURNISH AND INSTALL DIGGER. DIGGER SHALL BE PROVIDED BY C.O.A. DIGGER SHALL BE SUPERSCOOP, MODEL #23831A, AS MANUFACTURED BY LANDSCAPE STRUCTURES. PROSHIELD COLOR: PINE GREEN. REFERENCE PLAY EQUIPMENT NOTES SHEET 18 OF 21. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
29. CONSTRUCT 6000 PSI CONCRETE SIDEWALK AT AMAFCA ACCESS POINTS PER COA STD. DWG. 2720.
30. CONSTRUCT TURN DOWN SLAB PER COA STD. DWG. 2728.
31. INSTALL BASALT LANDSCAPE BOULDER PER DETAIL G/17. BOULDERS SHALL BE PROVIDED BY THE OWNER.
32. CONSTRUCT CONCRETE EDGER AT FENCE PER DETAIL D/17.
33. CONSTRUCT 5' X 5' X 6' DEPTH CONCRETE MANHOLE COLLAR AROUND EXISTING MANHOLES PER COA STD. DWG. #2102.
34. FURNISH AND INSTALL REMOVABLE STEEL BOLLARD PER COA STD. DWG. #2250 ("REMOVABLE POST").
35. FURNISH AND INSTALL FIXED STEEL BOLLARD PER COA STD. DWG. #2250 ("STATIONARY POST") AND DETAIL A/10.
36. FURNISH AND INSTALL WATER METER VAULT. SEE IRRIGATION PLAN, SHEET 12 OF 21.
37. CONSTRUCT 24" CONCRETE VALLEY GUTTER PER DETAIL E/17.

CONSTRUCTION KEYED NOTES:

38. INSTALL 12'x12' STEEL SHADE SHELTER WITH STEEL PANEL ROOFING PER MANUFACTURER'S INSTRUCTIONS. SHELTER SHALL BE PROVIDED BY C.O.A. SHELTER SHALL BE MODEL #612-AS WITH ALL STEEL METAL ROOF PANELS, AS MANUFACTURED BY 511 STRUCTURES. MANUFACTURER SHALL SUPPLY ENGINEERED STAMPED DRAWINGS FOR FOOTINGS AND STRUCTURE. STEEL FRAME COLOR: BLACK. ALL STEEL METAL ROOF COLOR: EVERGREEN. FOOTING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF FOOTINGS FOR FINAL LOCATION AND PRIOR TO INSTALLATION OF STRUCTURE FOR APPROVAL OF ORIENTATION.
39. INSTALL BIKE RACK. BIKE RACK SHALL BE PROVIDED BY C.O.A. BIKE RACK SHALL BE 511 MODEL #5990. FINISH: POWDERCOAT. COLOR: BLACK. SURFACE MOUNT PER MANUFACTURER'S SPECIFICATIONS.
40. FURNISH AND INSTALL 12' WIDE PIPE GATE FOR VEHICLE MAINTENANCE ACCESS PER COA STD. DWG 2251.
41. INSTALL 16'x16' STEEL SHADE SHELTER WITH STEEL PANEL ROOFING PER MANUFACTURER'S INSTRUCTIONS. SHELTER SHALL BE PROVIDED BY C.O.A. SHELTER SHALL BE MODEL #1616-AS WITH ALL STEEL METAL ROOF PANELS, AS MANUFACTURED BY 511 STRUCTURES. MANUFACTURER SHALL SUPPLY ENGINEERED STAMPED DRAWINGS FOR FOOTINGS AND STRUCTURE. STEEL FRAME COLOR: BLACK. ALL STEEL METAL ROOF COLOR: EVERGREEN. FOOTING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF FOOTINGS FOR FINAL LOCATION AND PRIOR TO INSTALLATION OF STRUCTURE FOR APPROVAL OF ORIENTATION.
42. INSTALL DINO HEAD FOSSIL PER MANUFACTURER'S INSTRUCTIONS AND DETAIL I/17. FOSSIL SHALL BE PROVIDED BY C.O.A. FOSSIL SHALL BE "DINO HEAD" FOSSIL, AS MANUFACTURED BY LANDSCAPE STRUCTURES.
43. FURNISH AND INSTALL DINO EGG FOSSIL PER MANUFACTURER'S INSTRUCTIONS AND DETAIL I/17. FOSSIL SHALL BE PROVIDED BY C.O.A. FOSSIL SHALL BE "DINO EGG" FOSSIL, AS MANUFACTURED BY LANDSCAPE STRUCTURES.

N

0 10 20 40 60

SCALE: 1" = 20'

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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
CONSTRUCTION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	9 OF 21

SEAL

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

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FIELD NOTES

NO.	BY	DATE

BENCH MARKS

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NO.	

REVISIONS

NO.	DATE	REMARKS	BY

	BY	DATE
DESIGNED BY		8/27/09
DRAWN BY	AD	8/27/09
CHECKED BY	BV	8/27/09

FINAL FOR CONSTRUCTION
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Black Arroyo Park Improvements

PROJECT# 787491

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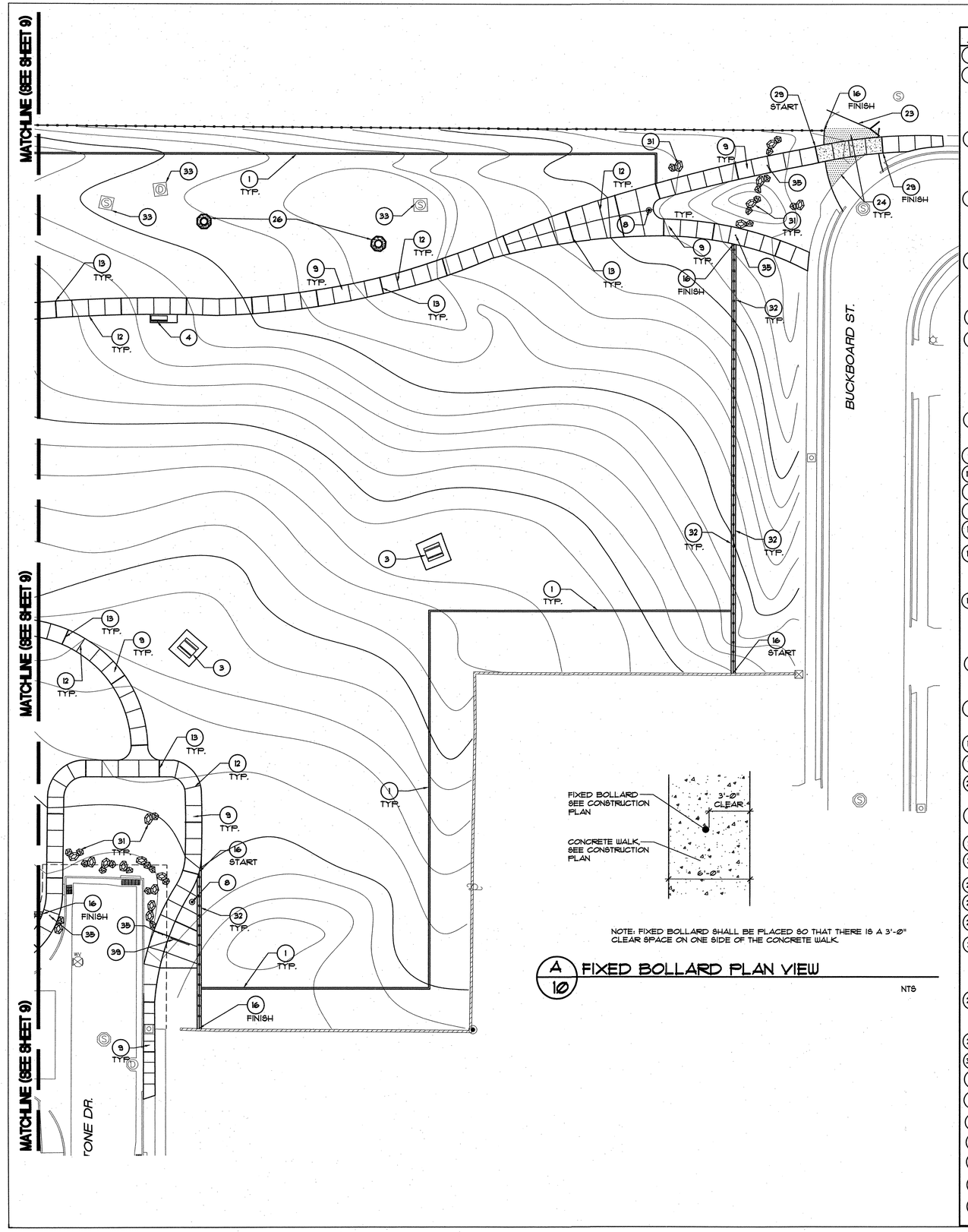

NOTE: FIXED BOLLARD SHALL BE PLACED SO THAT THERE IS A 3'-0" CLEAR SPACE ON ONE SIDE OF THE CONCRETE WALK.

A/10 FIXED BOLLARD PLAN VIEW

NTS

CONSTRUCTION KEYED NOTES:

1. CONSTRUCT 6" CONCRETE MOUCURB PER COA STD. DWG. 2726.
2. INSTALL 6' W/C PICNIC TABLE AND CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. PICNIC TABLE SHALL BE PROVIDED BY C.O.A. PICNIC TABLE SHALL BE SIL 6' MOUNTAINEER RCP HANDICAP ACCESSIBLE PICNIC TABLE, SURFACE MOUNT, WITH 'CEDAR' RECYCLED PLASTIC SLATS. COLOR: BLACK POWDERCOAT FINISH. CONSTRUCT CONCRETE PAD FOR PICNIC TABLE PER COA STD. DWG. 2720. CONCRETE PAD SHALL CONNECT TO ADJACENT CONCRETE WALK WITH EXPANSION JOINT BETWEEN. TABLE SHALL BE CENTERED ON CONCRETE PAD.
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20. CONTRACTOR SHALL INSTALL 24" DETECTABLE WARNING STRIP. WARNING STRIP SHALL MEET ALL CURRENT ADA GUIDELINES. CONTRACTOR SHALL SUBMIT SPECIFICATION TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO CONSTRUCTION. COLOR: YELLOW.
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25. CONSTRUCT ROLL TYPE MOUNTABLE CURB PER COA STD. DWG. 2415A.
26. PROPOSED STORM DRAIN INLET AND DRAIN BASIN, SEE STORM DRAIN PLAN, SHEET 19 OF 21.
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31. INSTALL BASALT LANDSCAPE BOULDER PER DETAIL G/17. BOULDERS SHALL BE PROVIDED BY THE OWNER.
32. CONSTRUCT CONCRETE EDGER AT FENCE PER DETAIL D/17.
33. CONSTRUCT 5' X 5' X 6' DEPTH CONCRETE MANHOLE COLLAR AROUND EXISTING MANHOLES PER COA STD. DWG. #2102.
34. FURNISH AND INSTALL REMOVABLE STEEL BOLLARD PER COA STD. DWG. #2250 ("REMOVABLE POST").
35. FURNISH AND INSTALL FIXED STEEL BOLLARD PER COA STD. DWG. #2250 ("STATIONARY POST") AND DETAIL A/10.
36. FURNISH AND INSTALL WATER METER VAULT. SEE IRRIGATION PLAN, SHEET 12 OF 21.
37. CONSTRUCT 24" CONCRETE VALLEY GUTTER PER DETAIL E/17.

CONSTRUCTION KEYED NOTES:

38. INSTALL 12'x12' STEEL SHADE SHELTER WITH STEEL PANEL ROOFING PER MANUFACTURER'S INSTRUCTIONS. SHELTER SHALL BE PROVIDED BY C.O.A. SHELTER SHALL BE MODEL #4612-AS WITH ALL STEEL METAL ROOF PANELS, AS MANUFACTURED BY SIL STRUCTURES. MANUFACTURER SHALL SUPPLY ENGINEERED STAMPED DRAWINGS FOR FOOTINGS AND STRUCTURE. STEEL FRAME COLOR: BLACK. ALL STEEL METAL ROOF COLOR: EVERGREEN. FOOTING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF FOOTINGS FOR FINAL LOCATION AND PRIOR TO INSTALLATION OF STRUCTURE FOR APPROVAL OF ORIENTATION.
39. INSTALL BIKE RACK. BIKE RACK SHALL BE PROVIDED BY C.O.A. BIKE RACK SHALL BE SIL MODEL #5990. FINISH: POWDERCOAT. COLOR: BLACK. SURFACE MOUNT PER MANUFACTURER'S SPECIFICATIONS.
40. FURNISH AND INSTALL 12' WIDE PIPE GATE FOR VEHICLE MAINTENANCE ACCESS PER COA STD. DWG 2251.
41. INSTALL 16'x16' STEEL SHADE SHELTER WITH STEEL PANEL ROOFING PER MANUFACTURER'S INSTRUCTIONS. SHELTER SHALL BE PROVIDED BY C.O.A. SHELTER SHALL BE MODEL #4816-AS WITH ALL STEEL METAL ROOF PANELS, AS MANUFACTURED BY SIL STRUCTURES. MANUFACTURER SHALL SUPPLY ENGINEERED STAMPED DRAWINGS FOR FOOTINGS AND STRUCTURE. STEEL FRAME COLOR: BLACK. ALL STEEL METAL ROOF COLOR: EVERGREEN. FOOTING LOCATIONS ARE DIAGRAMMATIC. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION OF FOOTINGS FOR FINAL LOCATION AND PRIOR TO INSTALLATION OF STRUCTURE FOR APPROVAL OF ORIENTATION.
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STATE OF NEW MEXICO
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2/12/10

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NO.	BY	DATE

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY	AD	DATE 8/27/09
DRAWN BY		DATE 8/27/09
CHECKED BY	BV	DATE 8/27/09

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
CONSTRUCTION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

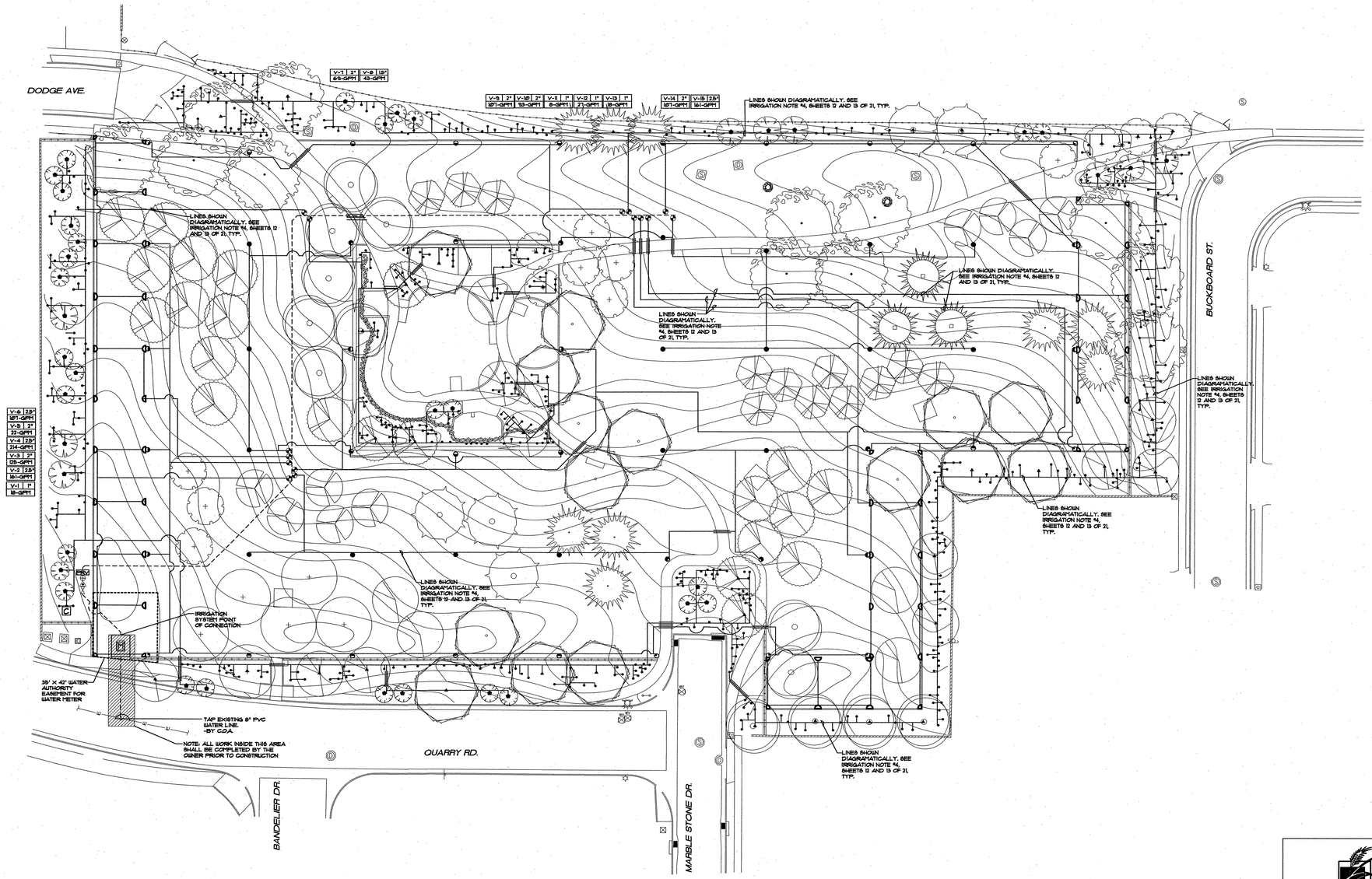
City Project No.	Zone Map No.	Sheet
787491	A-12	10 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



GENERAL NOTE:

SEE SHEETS 12 AND 13 of 21 FOR IRRIGATION LEGEND, IRRIGATION NOTES, WATER MANAGEMENT GUIDE, IRRIGATION SCHEDULE, AND PIPE SIZING.

N

0 15 30 60 90

SCALE: 1" = 30'

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTOR'S ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
OVERALL IRRIGATION PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	11 OF 21

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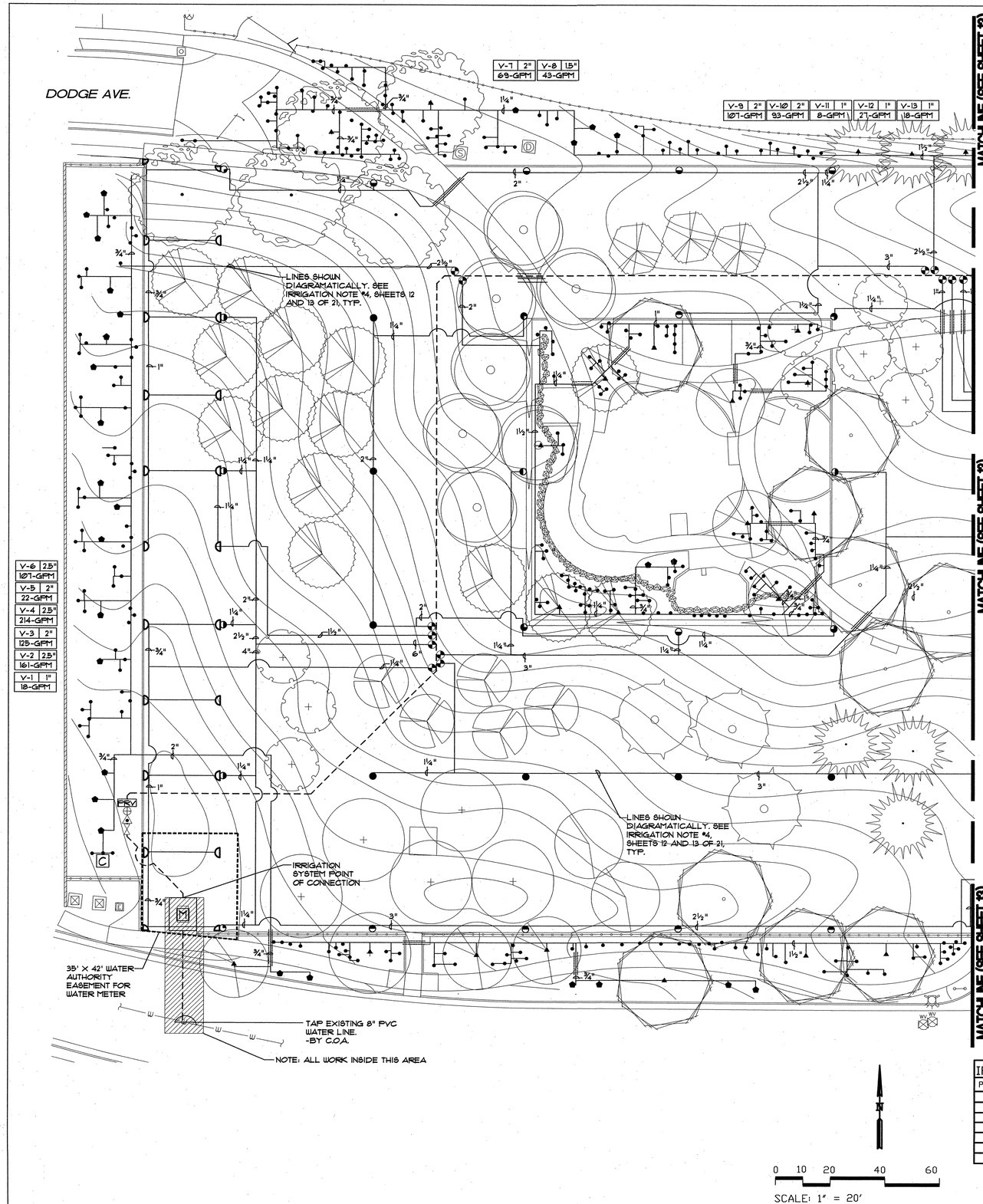

IRRIGATION LEGEND

- [M] WATER METER, SIZE: 4". BY C.O.A.
- MAIN LINE AND LATERAL SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
- IRRIGATION MAIN LINE, CLASS 200 O-RING AND GASKET, SIZE 6". DEPTH OF BURY 28" FOR CONTINUOUS PRESSURE IRRIGATION MAIN AND 18" FOR NON-CONTINUOUS. ALL JOINTS SHALL HAVE LEEMCO JOINT RESTRAINTS. ALL RUNS SHALL BE TRUE TO LINE.
- LATERAL PIPING: SIZES 2-1/2" AND LARGER SHALL BE CLASS 200, SOLVENT WELD PVC. SIZES 2" AND SMALLER SHALL BE SCH. 40, BELL END, SOLVENT WELD PVC. ALL JOINTS SHALL BE THRUST BLOCKED PER COA STD. DWG. 2724. SIZE AS SHOWN ON PLAN. DEPTH OF BURY, 18". PIPE CONVEYING LESS THAN 5 GPM SHALL BE ¾"
- MAINLINE ISOLATION VALVE WITH UNIONS. SIZE: 6" SEE COA DETAIL DWG. 2707
- [PRV] 6" PRESSURE REGULATOR - WATTS SERIES U5 - IN AN APPLIED ENGINEERING PRODUCTS 1730-18 VALVE BOX W/ 1730-2A (ABS) BOLT DOWN FLUSH COVER WITH EXTENSIONS AS REQUIRED.
- BACKFLOW PREVENTER, MASTER VALVE, AND FLOW METER ASSEMBLY, FEBCO 880V, 6" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH BALL VALVES IN HOT BOX MODEL NO. HB4000 HEATED AND INSULATED BACKFLOW ENCLOSURE AND 6" CLA-VAL MASTER VALVE AND MASTER METER FLOW METER, SIZE 6". SEE DETAIL A/16.
- REMOTE CONTROL VALVE ASSEMBLY, WEATHERMATIC 11024-FCR PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE AS SHOWN ON PLAN. SEE COA DWG. 2703
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.

FIXED SPRAY POP-UP SPRINKLER ASSEMBLIES, HUNTER, I-20 ULTRA SERIES, 4" STAINLESS STEEL AS FOLLOWS:(INSTALL ODD ARCS AS REQUIRED) SEE COA DWG. 2709

NOZZLE	RADIUS	GPM	PSI	PR □
I-20-ADS-1.5	32'	1.8	55	.68
I-20-ADS-1.5	32'	1.8	55	.34

ROTARY POP-UP SPRINKLER ASSEMBLIES, HUNTER, I-25 PLUS SERIES, 3.5" STAINLESS STEEL AS FOLLOWS: SEE COA DWG. 2709

MODEL NO.	RADIUS	GPM	PSI	PR □
I-25-ADS-20	62'	17.8	60	1.78
I-25-ADS-20	62'	17.8	60	.89
I-25-ADS-20	62'	17.8	60	.66
I-25-36S-20	62'	17.8	60	.44

PRESSURE COMPENSATING BUBBLER ASSEMBLIES, HUNTER PCB SERIES, AS FOLLOWS: SEE COA DWG. 2710 AND 2711 AND DETAILS A/17, B/17 AND C/17.

MODEL NO.	GPM	PSI	
PCB-25	.25	30	
PCB-25	.5 (2 PER SHRUB)	30	REFERENCE DETAIL B/17
PCB-50/25	1.01/.75	30	REFERENCE DETAILS A/17 & C/17

[C] IRRIGATION CONTROLLER, IRRINET MODEL #IS-R2A-HRU-OT-SB M-SERIES 24 STATION CONTROLLER WITH UHF HI POWER RADIO WITH TRANSFORMER, ANTENNA, SURGE PROTECTION, AND COMMUNICATION TO ICC CENTRAL. AVAILABLE FROM MESA TURF PRODUCTS, LLC. (505) 891-9240. INSTALL CONTROLLER IN STRONGBOX UL STAINLESS STEEL LOCKING DOOR ENCLOSURE (POWDERCOAT PAINT COLOR: TAN) PER DETAIL B/16. INSTALL GROUNDING RODS AT CONTROLLER PER DETAIL D/16. CONTRACTOR SHALL TEST GROUNDING OF CONTROLLER PER MANUFACTURER'S SPECIFICATIONS AND SHALL PROVIDE TEST RESULTS IN WRITING TO THE OWNER.

WATER MANAGEMENT GUIDE

VALVE I.D. SIZE & TYPE	HEAD TYPE	MODEL NUMBER	QTY.	GPM/ HEAD	GPM/ TOTAL	OPER. PRESS	PR □ AVE.	* RUN TIME/DAY TO APPLY 2/3" PRECIPITATION
V-1 SIZE 1" WEATHERMATIC 11024FCR10	HUNTER I-20 SERIES HALF /QTR CIRCLE	I-20-ADS-1.5	10	1.8	18	55	.34	1.97 HR
V-2 SIZE 2.5" WEATHERMATIC 8200CR25D	HUNTER I-25 SERIES FULL /⅔ CIRCLE	I-25-36S-20	9	17.8	161	60	.44	1.52 HR
V-3 SIZE 2" WEATHERMATIC 11024FCR20	HUNTER I-25 SERIES HALF /QTR CIRCLE	I-25-ADS-20	7	17.8	125	60	.89	.75 HR
V-4 SIZE 2.5" WEATHERMATIC 8200CR25D	HUNTER I-25 SERIES HALF /QTR CIRCLE	I-25-ADS-20	12	17.8	214	60	.89	.75 HR
V-5 SIZE 1" WEATHERMATIC 11024FCR10	HUNTER I-20 SERIES HALF CIRCLE	I-20-ADS-1.5	12	1.8	22	55	.34	1.97 HR
V-6 SIZE 2.5" WEATHERMATIC 8200CR25D	HUNTER I-25 SERIES FULL /⅔ CIRCLE	I-25-36S-20	6	17.8	107	60	.44	1.52 HR
V-7 SIZE 2" WEATHERMATIC 11024FCR20	BUBBLER ZONE	HUNTER PCB SERIES	332	.25	68	30	N/A	.45 HR
V-8 SIZE 1.5" WEATHERMATIC 11024FCR15	BUBBLER ZONE	HUNTER PCB SERIES	192	.25	43	30	N/A	.45 HR
V-9 SIZE 2" WEATHERMATIC 11024FCR20	HUNTER I-25 SERIES HALF /QTR CIRCLE	I-25-ADS-20	6	17.8	107	60	.89	.75 HR
V-10 SIZE 2" WEATHERMATIC 11024FCR20	BUBBLER ZONE	HUNTER PCB SERIES	320	.25	93	30	N/A	.45 HR
V-11 SIZE 1" WEATHERMATIC 11024FCR10	HUNTER I-20 SERIES QTR CIRCLE	I-20-ADS-1.5	4	1.8	8	55	.68	.99 HR
V-12 SIZE 1" WEATHERMATIC 11024FCR10	HUNTER I-20 SERIES HALF /QTR CIRCLE	I-20-ADS-1.5	15	1.8	27	55	.34	1.97 HR
V-13 SIZE 1" WEATHERMATIC 11024FCR10	HUNTER I-20 SERIES HALF /QTR CIRCLE	5-20-ADS-1.5	10	1.8	18	55	.34	1.97 HR
V-14 SIZE 2" WEATHERMATIC 11024FCR20	HUNTER I-25 SERIES HALF /QTR CIRCLE	I-25-ADS-20	6	17.8	107	60	.89	.75 HR
V-15 SIZE 2" WEATHERMATIC 11024FCR20	HUNTER I-25 SERIES FULL CIRCLE	I-25-36S-20	9	17.8	161	60	.44	1.52 HR
TOTAL TIME TO APPLY 2/3" PRECIPITATION WITH SAME-HEAD VALVES OPERATING TOGETHER:								5.23 HRS

IRRIGATION NOTES

1. 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 106 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 AT THE POINT OF CONNECTION IS LESS THAN 114 PSI THE CONTRACTOR SHALL RECEIVE DIRECTION FROM LANDSCAPE ARCHITECT REGARDING DESIGN MODIFICATIONS IF NECESSARY.
4. PIPE ROUTING IS SHOWN DIAGRAMMATICALLY. PIPE SHALL BE ROUTED TO ACHIEVE MINIMUM 10' CLEARANCE FROM THE TRUNK OF ANY TREE. PIPE ROUTING SHALL BE REVIEWED WITH THE LANDSCAPE ARCHITECT PRIOR TO TRENCHING.
5. IN NO CASE SHALL A ROTOR HEAD OR IRRIGATION VALVE BE LOCATED WITHIN 12' OF ANY TREE TRUNK.
6. CONTRACTOR SHALL LOCATE ALL ROTOR HEADS IN TURF AREAS WITH GPS EQUIPMENT PRIOR TO INSTALLATION. HEAD LAYOUT SHALL BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

IRRIGATION SCHEDULE

PROGRAM	VALVES	PR CALC	RUN TIME	CYCLES	TOTAL GPM	COMMENTS
1	1, 5, 12, 13,	.34	1.97 HRS	1	85	
2	2, 6, 15	.44	1.52 HRS	1	429	
3	3, 4, 9, 14	.89	.75 HRS	1	553	
4	11	.68	.99 HRS	1	8	
5	7, 8, 10	N/A	N/A	N/A	N/A	
					553	MAX FLOW @ MASTER
TOTAL RUN TIME FOR ROTOR HEADS TO APPLY 2/3": 5.23 HOURS						

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CITY OF ALBUQUERQUE
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BLACK ARROYO PARK IMPROVEMENTS
IRRIGATION PLAN

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City Project No.	Zone Map No.	Sheet
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FIELD NOTES

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ARCHITECTURAL SEAL
STATE OF NEW MEXICO
BRIAN J. VERARDO NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

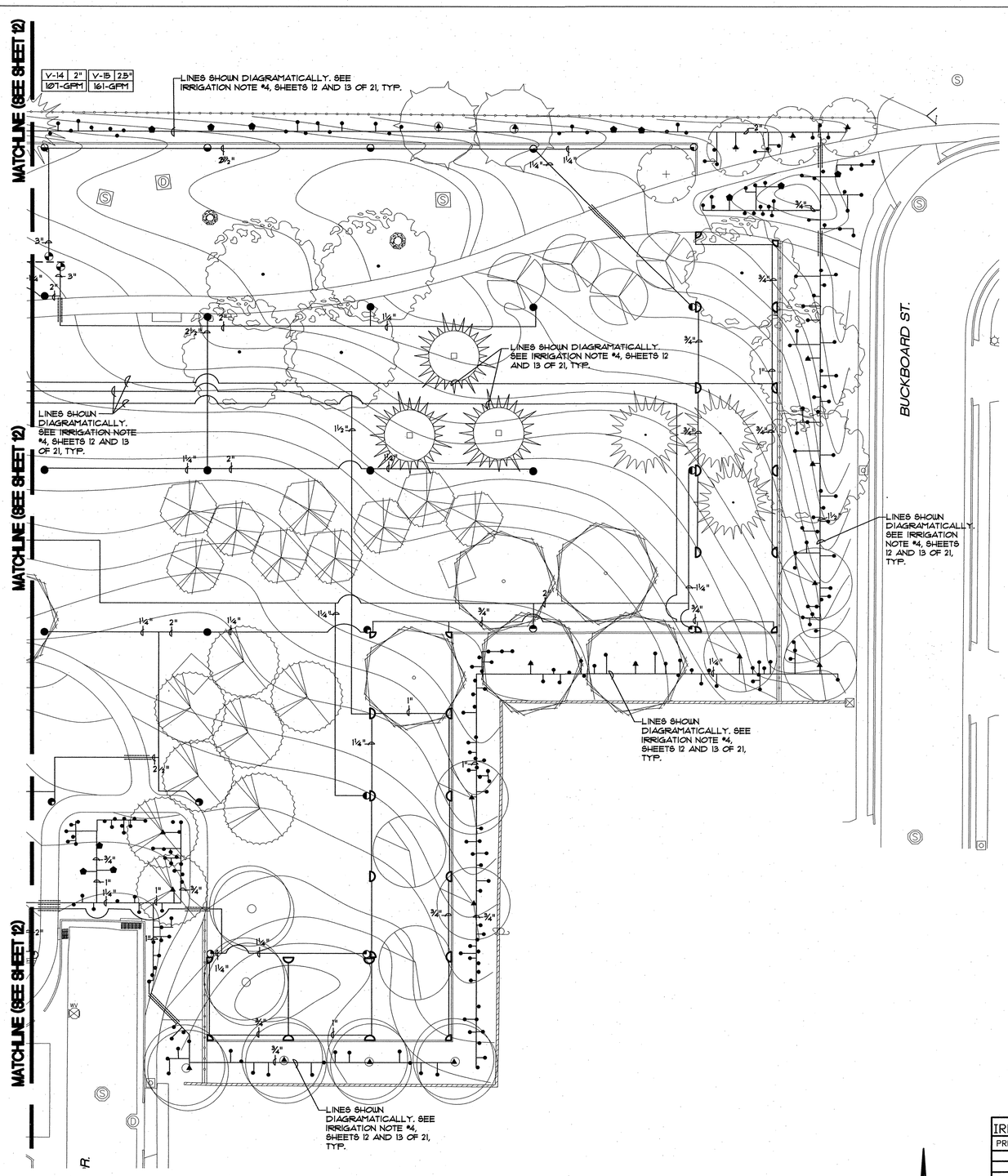
DESIGNED BY	DATE	8/27/09
DRAWN BY	AD	DATE 8/27/09
CHECKED BY	BV	DATE 8/27/09

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



IRRIGATION LEGEND

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- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC, SEE NOTE NO. 2 BELOW.
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- MAINLINE ISOLATION VALVE WITH UNIONS. SIZE: 6" SEE COA DETAIL DWG. 2101
- PRV 6" PRESSURE REGULATOR - WATTS SERIES U5 - IN AN APPLIED ENGINEERING PRODUCTS 1730-18 VALVE BOX W/ 1730-2A (ABS) BOLT DOWN FLUSH COVER WITH EXTENSIONS AS REQUIRED.
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- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.

FIXED SPRAY POP-UP SPRINKLER ASSEMBLIES, HUNTER, I-20 ULTRA SERIES, 4" STAINLESS STEEL AS FOLLOWS:(INSTALL ODD ARCS AS REQUIRED) SEE COA DWG. 2109

NOZZLE	RADIUS	GPM	PSI	PR □
I-20-ADS-1.5	32'	1.8	55	.68
I-20-ADS-1.5	32'	1.8	55	.34

ROTARY POP-UP SPRINKLER ASSEMBLIES, HUNTER, I-25 PLUS SERIES, 3.5" STAINLESS STEEL AS FOLLOWS: SEE COA DWG. 2109

MODEL NO.	RADIUS	GPM	PSI	PR □
I-25-ADS-20	62'	11.8	60	1.18
I-25-ADS-20	62'	11.8	60	.89
I-25-ADS-20	62'	11.8	60	.66
I-25-36S-20	62'	11.8	60	.44

PRESSURE COMPENSATING BUBBLER ASSEMBLIES, HUNTER PCB SERIES, AS FOLLOWS: SEE COA DWG. 2110 AND 2111 AND DETAILS A/17, B/17 AND C/17.

MODEL NO.	GPM	PSI	
PCB-25	.25	30	
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PCB-50/25	1.0/.75	30	REFERENCE DETAILS A/17 & C/17

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5	7, 8, 10	N/A	N/A	N/A	N/A	
					553	MAX FLOW @ MASTER
TOTAL RUN TIME FOR ROTOR HEADS TO APPLY 2/3": 5.23 HOURS						

0 10 20 40 60

SCALE: 1" = 20'

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BLACK ARROYO PARK IMPROVEMENTS
IRRIGATION PLAN

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Black Arroyo Park Improvements

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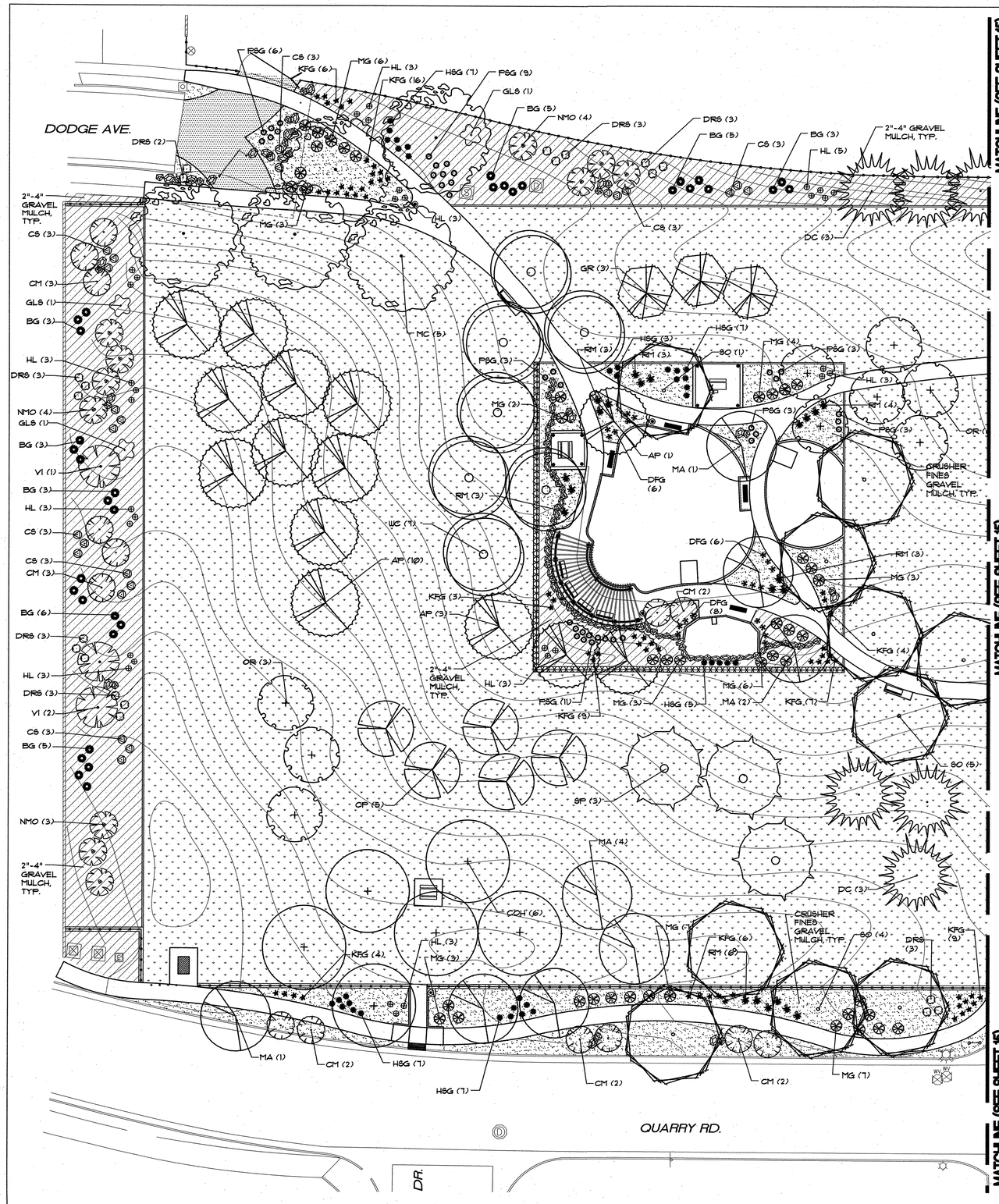

PLANT SCHEDULE

KEY	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE INSTALLED	SIZE MATURE	REMARKS
EVERGREEN TREES						
AC	Atlas Cedar	Cedrus atlantica	3	5'-7' ht.	40' ht. & 30' spd.	30" box
DC	Deodar Cedar	Cedrus deodara	9	5'-7' ht.	50' ht & 30' spd.	30" box
SP	Scotch Pine	Pinus sylvestris 'Albyn'	5	5'-7' ht.	50' ht & 30' spd.	30" box
LARGE DECIDUOUS TREES						
AP	Autumn Purple Ash	Fraxinus americana 'Autumn Purple'	22	2 1/2" cal, 12'-14' ht.	40' ht. & 25' spd.	30" box
COH	Common Hackberry	Celtis occidentalis	6	2 1/2" cal, 12'-14' ht.	30' ht. & spd.	30" box
SO	Shumard Oak	Quercus shumardii	15	2 1/2" cal, 12'-14' ht.	40' ht. & 35'spd.	30" box
MA	Modesto Ash	Fraxinus velutina 'Modesto'	15	2 1/2" cal, 12'-14' ht.	40' ht. & 25' spd.	30" box
MC	Mountain Cottonwood	Populus fremontii	13	2 1/2" cal, 12'-14' ht.	50' ht. & 40' spd.	30" box
WC	Western Catalpa	Catalpa speciosa	13	2 1/2" cal, 12'-14' ht.	40' ht. & 30' spd.	30" box
ACCENT TREES						
CP	Aristocrat Pear	Pyrus calleryana 'Aristocrat'	9	2" cal, 12'-14' ht.	25' ht. & 20' spd.	30" box
GR	Goldenrain Tree	Koelreuteria paniculata	12	2" cal, 12'-14' ht.	25' ht. & 20' spd.	30" box
OR	Oklahoma Redbud	Cercis canadensis 'Oklahoma'	13	2" cal, 12'-14' ht.	25' ht. & 20' spd.	30" box
SMALL DECIDUOUS TREES						
CM	Crepe Myrtle	Lagerstroemia indica	17	5'-7' ht.	10' ht. & spd.	15-gal. multi-trunk
NMO	New Mexico Olive	Forestiera neomexicana	13	5'-7' ht.	15' ht. & 10' spd.	15-gal.
VI	Vitex	Vitex agnus-castus	9	5'-7' ht.	15' ht. & spd.	15 gal.
SHRUBS						
BG	Beargrass	Nolina texana	41	Min. 18" ht.	3' ht. & 4' spd.	5-gal.
CS	Cherry Sage	Salvia greggii	39	Min. 12" spd.	3' ht. & spd.	5-gal.
DFG	Dwarf Fountain Grass	Pennisetum alopecuroides 'Hamelin'	20	Min. 12" ht.	2' ht. & spd.	5-gal.
DRS	Dwarf Russian Sage	Perovskia atriplicifolia 'Little Spire'	27	Min. 12" ht.	3' ht. & spd.	5-gal.
GLS	Gro-Low Sumac	Rhus aromatica 'Gro-Low'	8	Min. 18" spd.	3' ht. & 8' spd.	5-gal.
HL	Hidcote Lavender	Lavandula angustifolia 'Hidcote'	44	Min. 6" ht.	2' ht. & spd.	5-gal.
HSG	'Heavy Metal' Switch Grass	Panicum virgatum 'Heavy Metal'	88	Min. 18" ht.	4' ht. & 2' spd.	5-gal.
KFG	Karl Foerster's Grass	Calamagrostis acutiflora 'Karl Foerster'	80	Min. 8" spd.	3' ht. & spd.	5-gal.
MG	Maiden Hair Grass	Miscanthus sinensis 'Gracillimus'	107	Min. 18" ht.	6' ht. & 4' spd.	5-gal.
PSG	'Prairie Fire' Switch Grass	Panicum virgatum 'Prairie Fire'	63	Min. 12" ht.	4' ht. & 2' spd.	5-gal.
RM	Regal Mist Muhly Grass	Muhlenbergia capillaris 'Regal Mist'	56	Min. 10" spd.	3' ht. & spd.	5-gal.
TURF						
	Park Blend	Poa pratensis Festuca ellator Lolium perenne	125,760 SF			Seed

PLANTING NOTES

1. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LIST AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.
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4. TREES AND SHRUBS IN PLANTERS SHALL BE INSTALLED PER COA STD. DWG 2710 & 2711. TREES IN TURF SHALL BE INSTALLED PER COA STD. DWG. 2713.
5. ALL LANDSCAPE BEDS SHALL BE FINE GRADED TO PRODUCE A DEPRESSED CENTER WITH FINISH GRADE AT A MINIMUM OF 4" BELOW TOP OF ADJACENT PAVING.
6. TREES IN TURF AREAS SHALL BE PLANTED A MINIMUM OF 12' AWAY FROM CONCRETE EDGER TO ALLOW FOR MOWER ACCESS.

MULCH HATCH LEGEND

INSTALL A 4" DEPTH OF 'CANYON GOLD CRUSHER FINES, OR PRIOR APPROVED EQUAL, CRUSHED GRAVEL MULCH IN PLANTING BED WITH FILTER FABRIC UNDER. FILTER FABRIC SHALL BE MIN. 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPLYENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6".

INSTALL A 4" DEPTH OF 2-4" 'CANYON GOLD, OR PRIOR APPROVED EQUAL, CRUSHED GRAVEL MULCH IN PLANTING BED WITH FILTER FABRIC UNDER. FILTER FABRIC SHALL BE MIN. 4 OZ. WOVEN NEEDLE PUNCHED POLYPROPLYENE (DEWITT OR EQUIVALENT). OVERLAP ENDS 3", TURN DOWN EDGES 6".

0 10 20 40 60

SCALE: 1" = 20'

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	14 OF 21

AS-BUILT INFORMATION
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NO.

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FIELD NOTES
NO. | BY | DATE

ARCHITECTURAL SEAL
STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 308
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

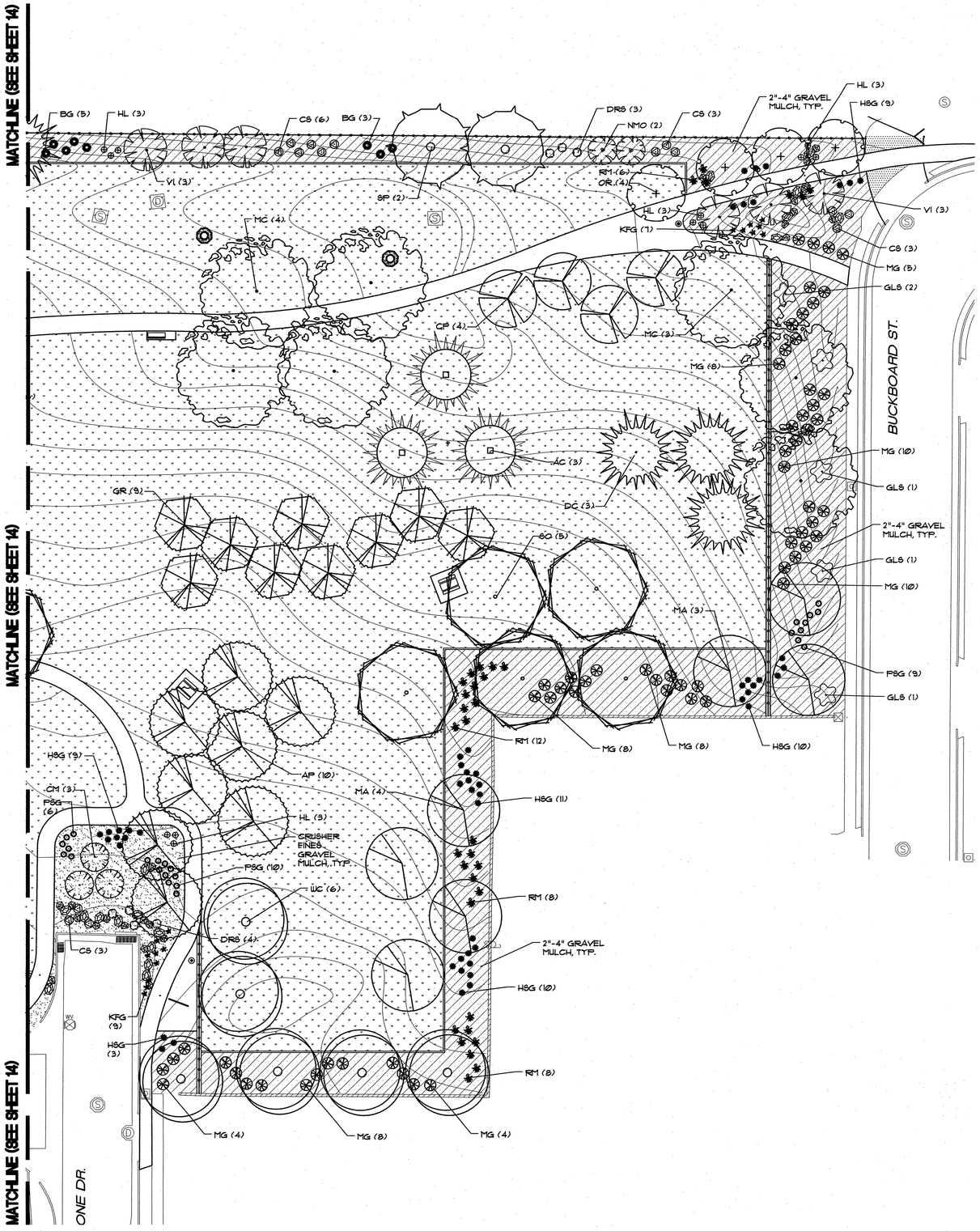
DESIGNED BY	DATE 8/27/09	
DRAWN BY	AD DATE 8/27/09	
CHECKED BY	BV DATE 8/27/09	

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
DATE:



PLANT SCHEDULE

KEY	COMMON NAME	BOTANICAL NAME	QUANTITY	SIZE INSTALLED	SIZE MATURE	REMARKS
EVERGREEN TREES						
AC	Atlas Cedar	Cedrus atlantica	3	5'-7' ht.	40' ht. & 30' spd.	30" box
DC	Deodar Cedar	Cedrus deodara	9	5'-7' ht.	50' ht. & 30' spd.	30" box
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0 10 20 40 60

SCALE: 1" = 20'

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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
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BLACK ARROYO PARK IMPROVEMENTS
PLANTING PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	15 OF 21

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ARCHITECTURAL SEAL
STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS

NO.	DATE	REMARKS	BY

		DATE
DESIGNED BY		8/27/09
DRAWN BY	AD	8/27/09
CHECKED BY	BY	8/27/09

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

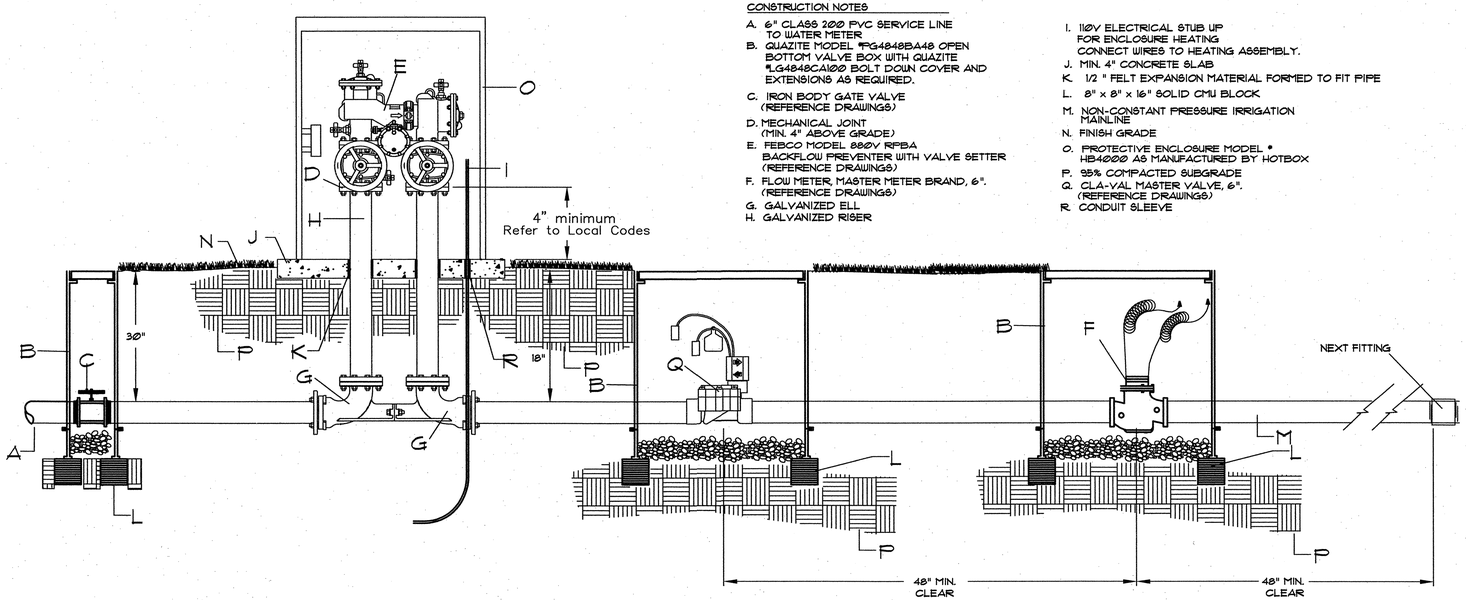
Black Arroyo Park Improvements

PROJECT# 787491

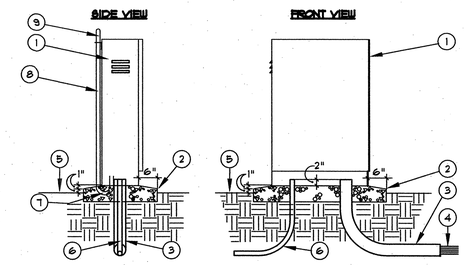
RECORD DRAWINGS
DATE:

CONSTRUCTION NOTES

A. 6" CLASS 200 PVC SERVICE LINE TO WATER METER
B. QUAZITE MODEL #PG4848BA48 OPEN BOTTOM VALVE BOX WITH QUAZITE #LG4848CA100 BOLT DOWN COVER AND EXTENSIONS AS REQUIRED.
C. IRON BODY GATE VALVE (REFERENCE DRAWINGS)
D. MECHANICAL JOINT (MIN. 4" ABOVE GRADE)
E. FEBCO MODEL 880V RPBA BACKFLOW PREVENTER WITH VALVE SETTER (REFERENCE DRAWINGS)
F. FLOW METER, MASTER METER BRAND, 6". (REFERENCE DRAWINGS)
G. GALVANIZED ELL
H. GALVANIZED RISER
I. 110V ELECTRICAL STUB UP FOR ENCLOSURE HEATING CONNECT WIRES TO HEATING ASSEMBLY.
J. MIN. 4" CONCRETE SLAB
K. 1/2 " FELT EXPANSION MATERIAL FORMED TO FIT PIPE
L. 8" x 8" x 16" SOLID CMU BLOCK
M. NON-CONSTANT PRESSURE IRRIGATION MAINLINE
N. FINISH GRADE
O. PROTECTIVE ENCLOSURE MODEL # HB4000 AS MANUFACTURED BY HOTBOX
P. 95% COMPACTED SUBGRADE
Q. CLA-VAL MASTER VALVE, 6". (REFERENCE DRAWINGS)
R. CONDUIT SLEEVE

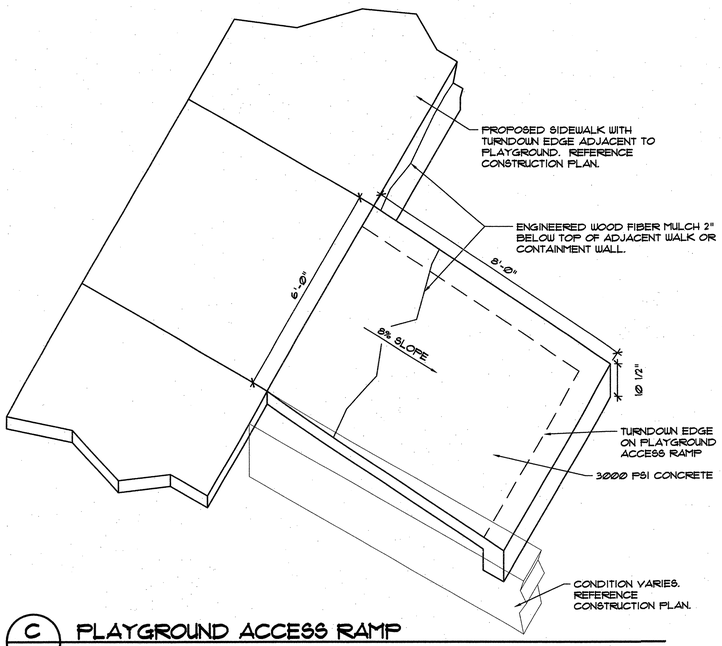


A/16 MASTER METER WITH RPBA
MCD-2101-B 8/02
NTS

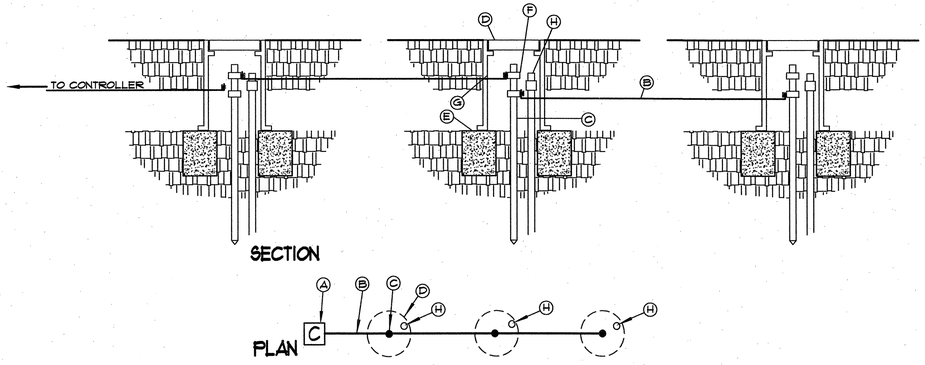


1. IRRIGATION CONTROLLER, SEE IRRIGATION LEGEND. INSTALL TO MANUFACTURER'S STANDARDS
2. 3000 PSI CONCRETE BASE. 8" MINIMUM THICKNESS. ALL EDGES SHALL BE TOOLED WITH 1/2" RADIUS
3. 4" RIGID PVC LONG SWEEP ELL EXTEND 12" BEYOND ADJACENT WALKS
4. 24-VOLT WIRES FROM CONTROLLER TO AUTOMATIC VALVES, SEE SPECIFICATIONS
5. FINISH GRADE.
6. 120-VOLT SERVICE IN CONDUIT, PER N.E.C.
7. 1" GALVANIZED SWEEP 90° ELBOW AND FITTINGS
8. 1" GALVANIZED CONDUIT
9. ANTENNA

B/16 IRRIGATION CONTROLLER
MCD-0165
N.T.S.



C/16 PLAYGROUND ACCESS RAMP
1/2" = 1'



KEY (TYPICAL)

(A) IRRIGATION CONTROLLER, SEE IRRIGATION LEGEND.
(B) #10 AWG WIRE FROM IRRIGATION CONTROLLER TO GROUND ROD CLAMP. WIRE SHALL BE INSTALLED STRAIGHT AND TAUT.
(C) 8' LENGTH GROUND ROD, PLACE A MINIMUM OF 16' FROM ONE ANOTHER W/ ONE ROD A MIN. 12' FROM CONTROLLER. (OPTION: REPLACE GROUNDING RODS W/ 1 EA. 1/8" X 12" X 18" COPPER, BURIED @ 12" DEPTH. SOLDER #6 BARE COPPER WIRE TO PLATE).
(D) APPLIED ENGINEERING PRODUCTS 910L 10" ROUND VALVE BOX AND COVER.
(E) 8"x8"x16" SOLID CMU BLOCK. TWO PER VALVE BOX
(F) GROUND ROD CLAMP
(G) DRILL A SMALL OPENING IN VALVE BOX TO MAINTAIN WIRE TAUTNESS.
(H) CONTRACTOR SHALL INSTALL ONE BUBBLER WITHIN VALVE BOX AT EACH GROUND ROD. SEE IRRIGATION PLAN.

NOTE: RODS MAY RUN LINEARLY IN ANY DIRECTION AWAY FROM CONTROLLER.

D/16 CONTROLLER GROUNDING DETAIL
N.T.S.

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BLACK ARROYO PARK IMPROVEMENTS
DETAILS SHEET

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	16 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

RECORD DRAWINGS
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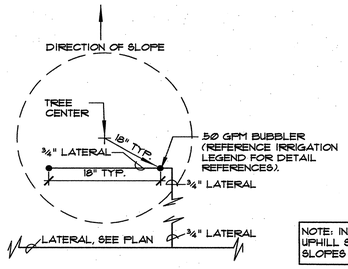
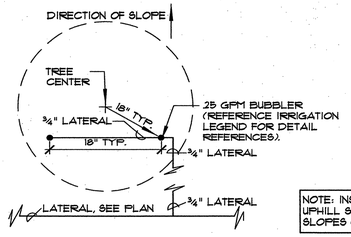


NOTE: INSTALL BUBBLERS ON UPHILL SIDE OF PLANT ON SLOPES GREATER THAN 10:1.

A/17 BUBBLER LAYOUT AT TREES ON SLOPES

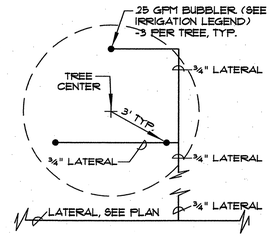
N.T.S.



NOTE: INSTALL BUBBLERS ON UPHILL SIDE OF PLANT ON SLOPES GREATER THAN 10:1.

B/17 BUBBLER LAYOUT FOR LARGE SHRUBS

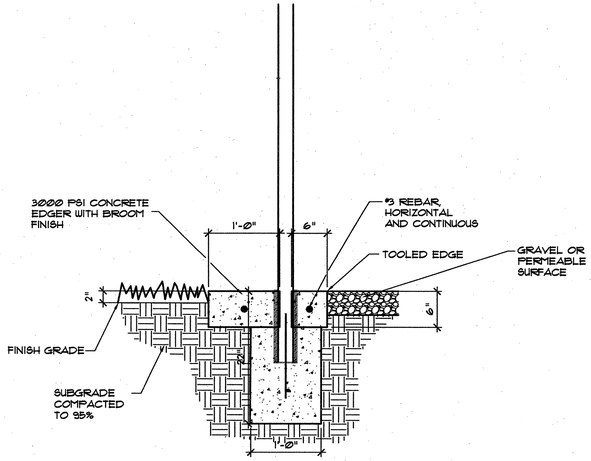
N.T.S.



C/17 BUBBLER LAYOUT AT TREES (FLAT AREAS)

MRLM-3BUB 031805

N.T.S.



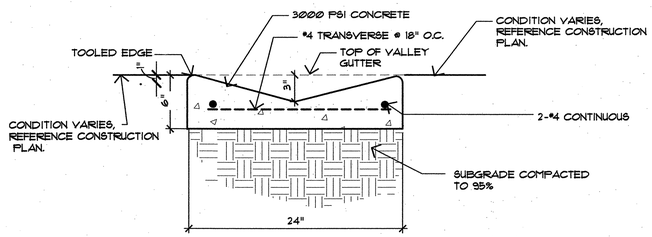
NOTES:

1. A 12" CONCRETE EDGER SHALL BE PLACED ON THE TURF SIDE OF THE FENCE AND A 6" EDGER SHALL BE PLACED ON THE GRAVEL OR PERMEABLE SURFACE SIDE OF THE FENCE.
2. CONTROL JOINTS SHALL BE PLACED AT 5' O.C.
3. EXPANSION JOINTS SHALL BE PLACED AT 20' O.C., AND WHERE THE MOW STRIP ABUTS ANOTHER HARD SURFACE.
4. REFERENCE CONSTRUCTION PLAN KEYED NOTE #16 FOR FENCE INFORMATION.

D/17 CONCRETE EDGER AT FENCE-TURF

concedgerfence 12/09/04

1" = 1'



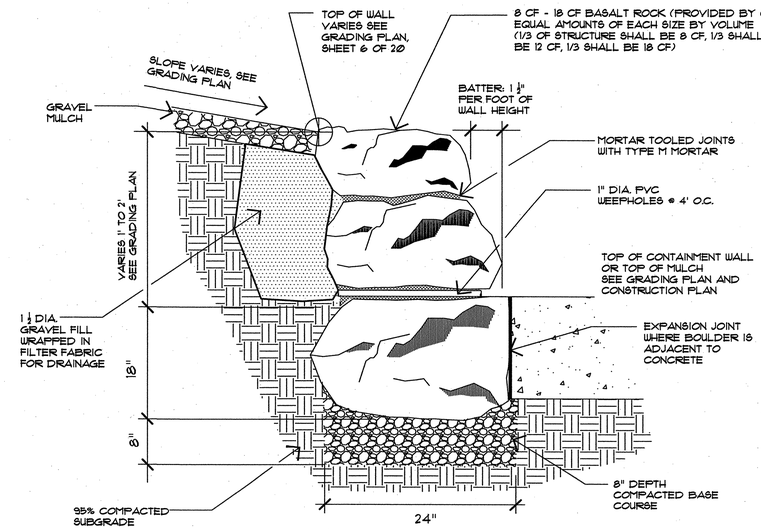
NOTE:

1. PLACE EXPANSION JOINTS WITH EXTERIOR GRADE SEALANT AT 20'-0" O.C. AND WHERE VALLEY GUTTER ABUTS CONCRETE CURBS, WALKS AND OTHER PAVING AS SHOWN SHOWN ON CONSTRCTION PLAN. CONTROL JOINTS SHALL BE PLACED AT 5'-0" O.C.

E/17 2' VALLEY GUTTER

VALGTR 110795

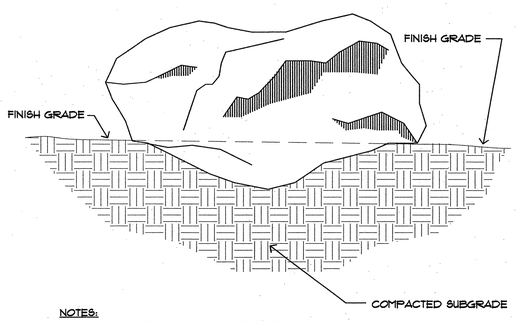
1 1/2" = 1'-0"



NOTE: BOULDERS SHALL BE STACKED IN A MANNER SUCH THAT JOINTS ARE STAGGERED HORIZONTALLY AND VERTICALLY ALONG THE VISIBLE FACE OF THE WALL.

F/17 STACKED STONE RETAINING WALL

1" = 1'



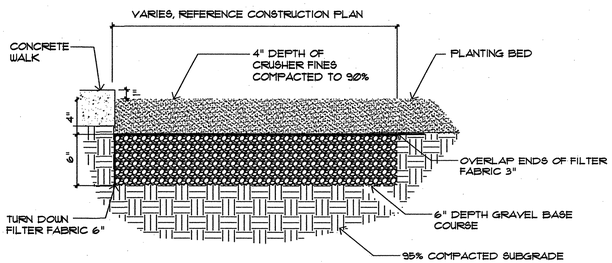
NOTES:

1. 1/4 TO 1/3 OF ROCK SHALL BE BURIED.
2. BOULDERS SHALL BE 24 TO 36 CU/FT. BASALT, (PROVIDED BY OWNER).

G/17 LANDSCAPE BOULDER

MCD-0097 110795

N.T.S.



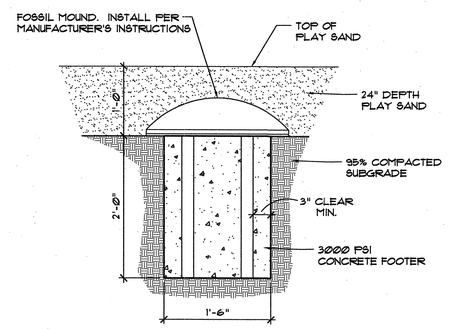
GENERAL NOTES:

1. INSTALL A 4" DEPTH OF 'CANYON GOLD CRUSHER FINES, OR PRIOR APPROVED EQUAL, CRUSHED GRAVEL MULCH WITH FILTER FABRIC UNDER. FILTER FABRIC SHALL BE CLASS 2 NONWOVEN GEOTEXTILE. OVERLAP ENDS 3", TURN DOWN EDGES 6".
2. WHERE VEHICLE ACCESS ABUTS CONCRETE WALK, TOP OF CRUSHER FINES SHALL BE 1" BELOW TOP OF CONCRETE WALK. REFERENCE CONSTRUCTION PLAN FOR LOCATION OF CONCRETE WALK.
3. WHERE VEHICLE ACCESS ABUTS PLANTING AREAS, TOP OF CRUSHER FINES SHALL BE FLUSH WITH ADJACENT GRAVEL MULCH. REFERENCE PLANTING PLAN FOR LOCATION OF PLANTING BEDS.

H/17 AMAFCA/MAINTENANCE VEHICLE ACCESS

MCD-0110 110795

1 1/2" = 1'-0"



I/17 FOSSIL MOUND CONCRETE FOOTER

1" = 1'

AS-BUILT INFORMATION

CONTRACTOR	
WORK STAKED BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
FIELD VERIFICATION BY	DATE
DRAWINGS CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ARCHITECTURAL SEAL

STATE OF NEW MEXICO — BRIAN J. VERARDO NO. 309 — REGISTERED LANDSCAPE ARCHITECT — 2/2/10

REVISIONS

NO.	DATE	REMARKS	BY

		DATE
DESIGNED BY		8/27/09
DRAWN BY	AD	8/27/09
CHECKED BY	BV	8/27/09

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2268 FAX 505.265.9637
mrw@mrwnm.com

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
DETAILS SHEET

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

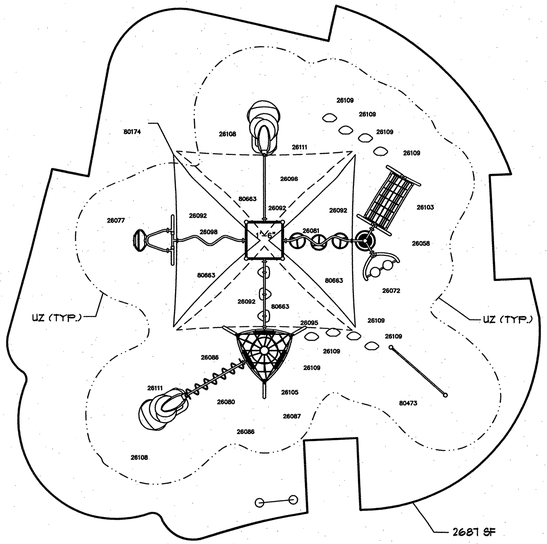
City Project No.	Zone Map No.	Sheet
787491	A-12	17 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

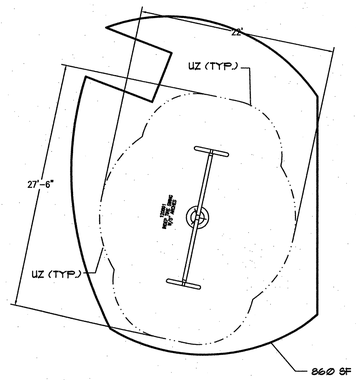
PROJECT# 787491

RECORD DRAWINGS
DATE:



A/18 CUSTOM XSCAPE-HYBRID STRUCTURE LAYOUT

1/8" = 1'-0"



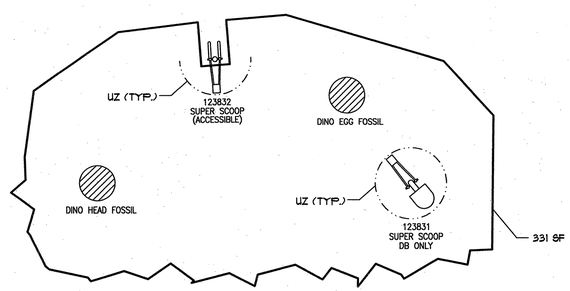
B/18 TIRE SWING LAYOUT

1/8" = 1'-0"

PLAY STRUCTURE PARTS LIST

ITEM	PART NUMER
3 WAY X-POD STEP	26058
SOCIAL DISCS ATTACHMENT	26072
XCELERATOR	26077
STRETCHED LOOP LADDER	26080
SKY WHEELS	26081
HELIOCENTRIX SUPPORT RUNG - W/ TAB	26086
HELIOCENTRIX	26097
PS PLUS SINGLE LINK CROSS BEAM	26092
TRIANGULAR SHROUD	26094
HELIOCENTRIX SUPPORT RUNG - W/OUT TAB	26105
ARCHED CHAIN NET LINK - STAINLESS	26096
WIND WEB	26098
WEB WALK - ATTACHMENT	26103
HANGING POD LINK	26095
ROCKSCAPE ARCH WALL	26108
ROCK STEP	26109
SINGLE ROCK UPRIGHT	26111
49" SQUARE PUNCHED STEEL DECK	80000
20 SUNBLOX SAIL ROOF	80147
SPIDER WEB, FREESTANDING	80473
OVERHEAD LADDER ACCESS PK	80663
15' UPRIGHT ASSEMBLY - 7GA GALV	H80022

NOTE: PLAY STRUCTURE COLOR PALETTE SHALL BE "FOREST".



C/18 SAND PLAY AREA LAYOUT

1/4" = 1'-0"

PLAY EQUIPMENT AND SURFACE NOTES:

1. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY TO INSTALL AND CONSTRUCT ALL PLAY EQUIPMENT AND SITE FURNISHINGS AS SPECIFIED AND DESCRIBED ON THIS PLAN.
2. 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 REQUIRED LENGTH OF EXTENSION IS SHOWN ON THE PLAN.
3. THE USE ZONES FOR ANY TWO ADJACENT PLAY STRUCTURES SHALL NOT OVERLAP.
4. PRIOR TO FINAL ACCEPTANCE BY THE OWNER, THE CONTRACTOR SHALL PROVIDE AN "AS-BUILT" DRAWING WHICH DOCUMENTS THAT EACH PIECE OF PLAY EQUIPMENT IS CONSTRUCTED WITH THE REQUIRED USE ZONE AND THAT NO USE ZONES OVERLAP.
5. PRIOR TO FINAL ACCEPTANCE BY THE OWNER THE CONTRACTOR MUST PROVIDE WRITTEN AUTHORIZATION THAT THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF PLAY EQUIPMENT HAS BEEN INSPECTED BY A REPRESENTATIVE OF THE EQUIPMENT MANUFACTURER, AND THAT THE CONSTRUCTION AND INSTALLATION OF EACH PIECE OF EQUIPMENT FULLY COMPLIES WITH THE ASTM F-1487-95 AND THE U.S. CONSUMER PRODUCT SAFETY COMMISSION HANDBOOK FOR PUBLIC PLAYGROUND SAFETY.

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.3637
mrw@mrwnm.com

REVISIONS

NO.	DATE	REMARKS	BY

		DATE
DESIGNED BY		8/27/09
DRAWN BY	AD	8/27/09
CHECKED BY	BV	8/27/09

ARCHITECTURAL SEAL

STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

BENCH MARKS

AS-BUILT INFORMATION

		DATE
CONTRACTOR		
WORK STAKED BY		
INSPECTOR ACCEPTANCE BY		
FIELD VERIFICATION BY		
DRAWINGS CORRECTED BY		

MICRO-FILM INFORMATION

		DATE
RECORDED BY		
NO.		

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
DETAILS SHEET

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	18 OF 21

RECORD DRAWINGS
DATE:

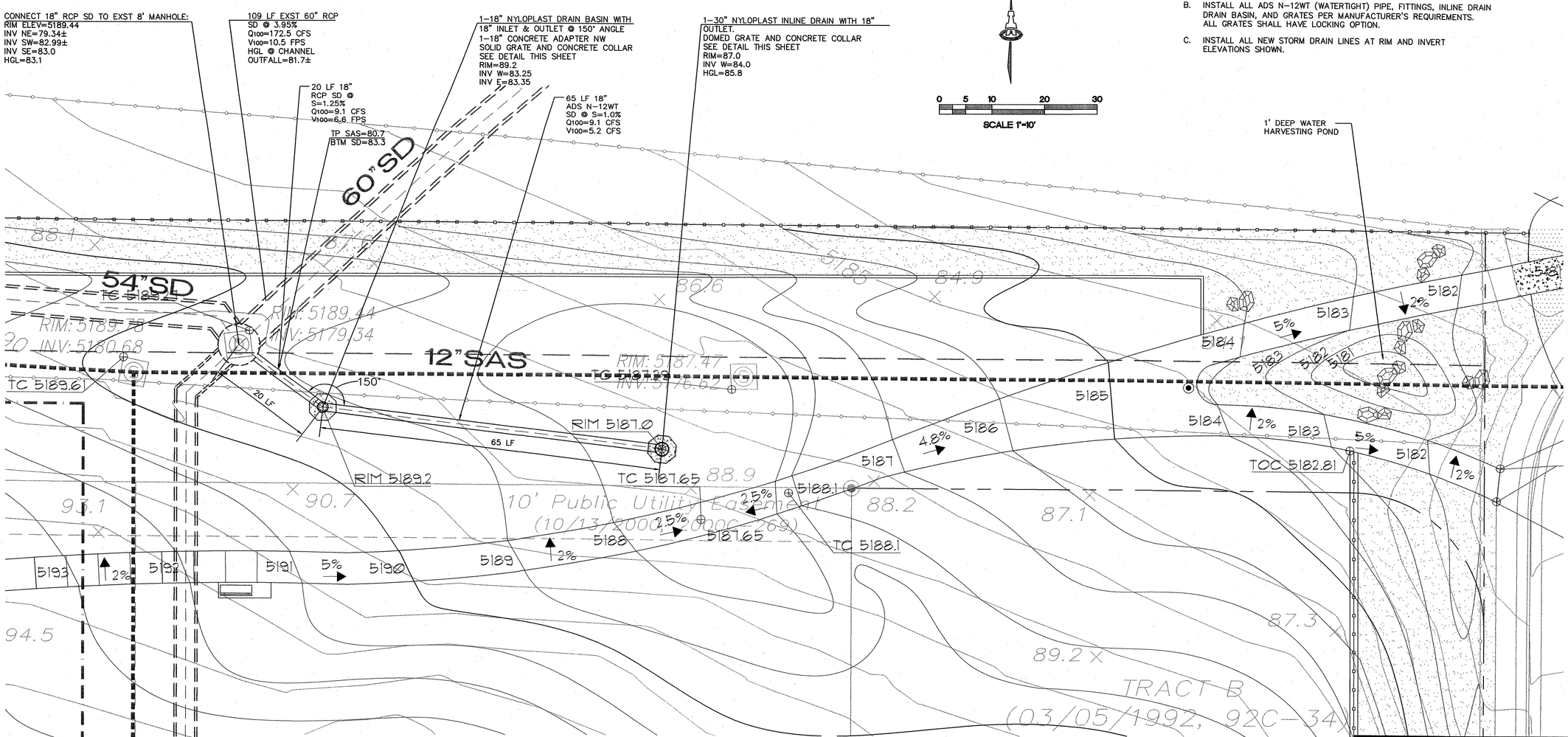
NOTES

A. CONTRACTOR SHALL FURNISH ALL STORM DRAIN PRODUCTS.

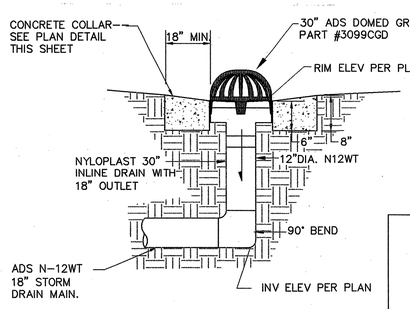
B. INSTALL ALL ADS N-12WT (WATERTIGHT) PIPE, FITTINGS, INLINE DRAIN DRAIN BASIN, AND GRATES PER MANUFACTURER'S REQUIREMENTS. ALL GRATES SHALL HAVE LOCKING OPTION.

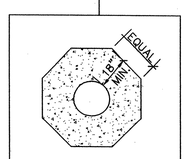
C. INSTALL ALL NEW STORM DRAIN LINES AT RIM AND INVERT ELEVATIONS SHOWN.

0 5 10 20 30
SCALE 1"=10'



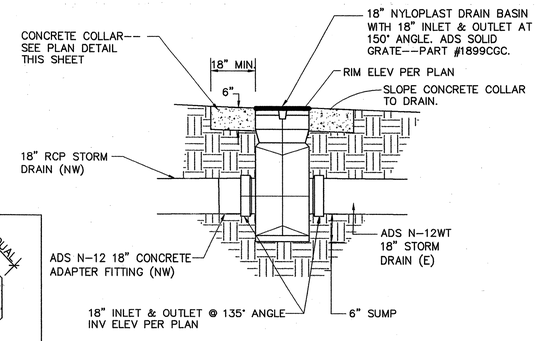
INLINE DRAIN NTS





CONCRETE COLLAR PLAN
NTS

DRAIN BASIN NTS



S.O.19 : NOTICE TO CONTRACTORS

1	AN EXCAVATION / CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2	ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7 AMENDMENT 1.
3	TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
4	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5	BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC / STREET USE.
6	MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7	WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

APPROVAL	NAME	DATE
INSPECTOR		

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates
128 Monroe Street N.E.
Albuquerque, New Mexico 87108
Ph. 505-268-8828 Fax. 505-268-2632
1751 CU-501.dwg Feb 01,2010

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

AS-BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

Control Station "BLACK 2"
Elevation = 5216.64' (NAVD88)

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE
1.	Surveying Control, Inc.	12/06

ENGINEER'S SEAL

ASA M. NILSSON-WEBER
NEW MEXICO
17631
LICENSED PROFESSIONAL ENGINEER
2-12-10

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY		DATE 8/27/09
DRAWN BY	ÅNW	DATE 8/27/09
CHECKED BY		DATE 8/27/09

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
STORM DRAIN PLAN

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

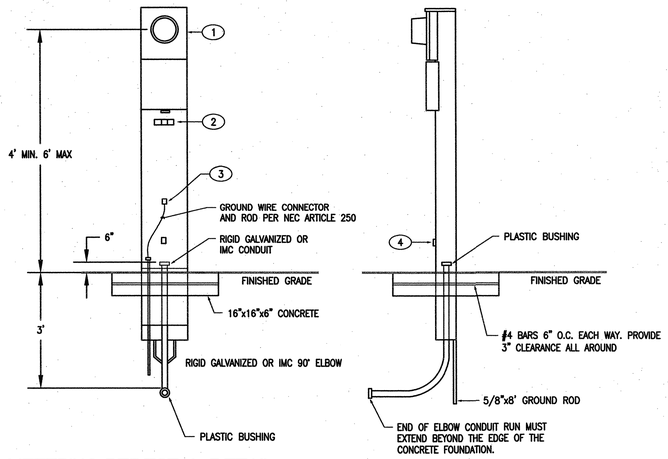
City Project No.	Zone Map No.	Sheet
787491	A-12	19 OF 21

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

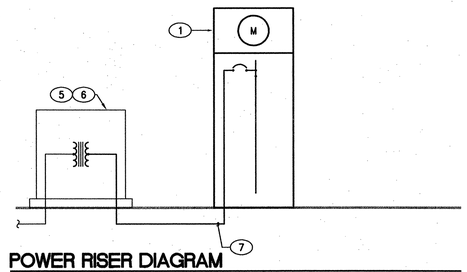
PROJECT# 787491

RECORD DRAWINGS
DATE:



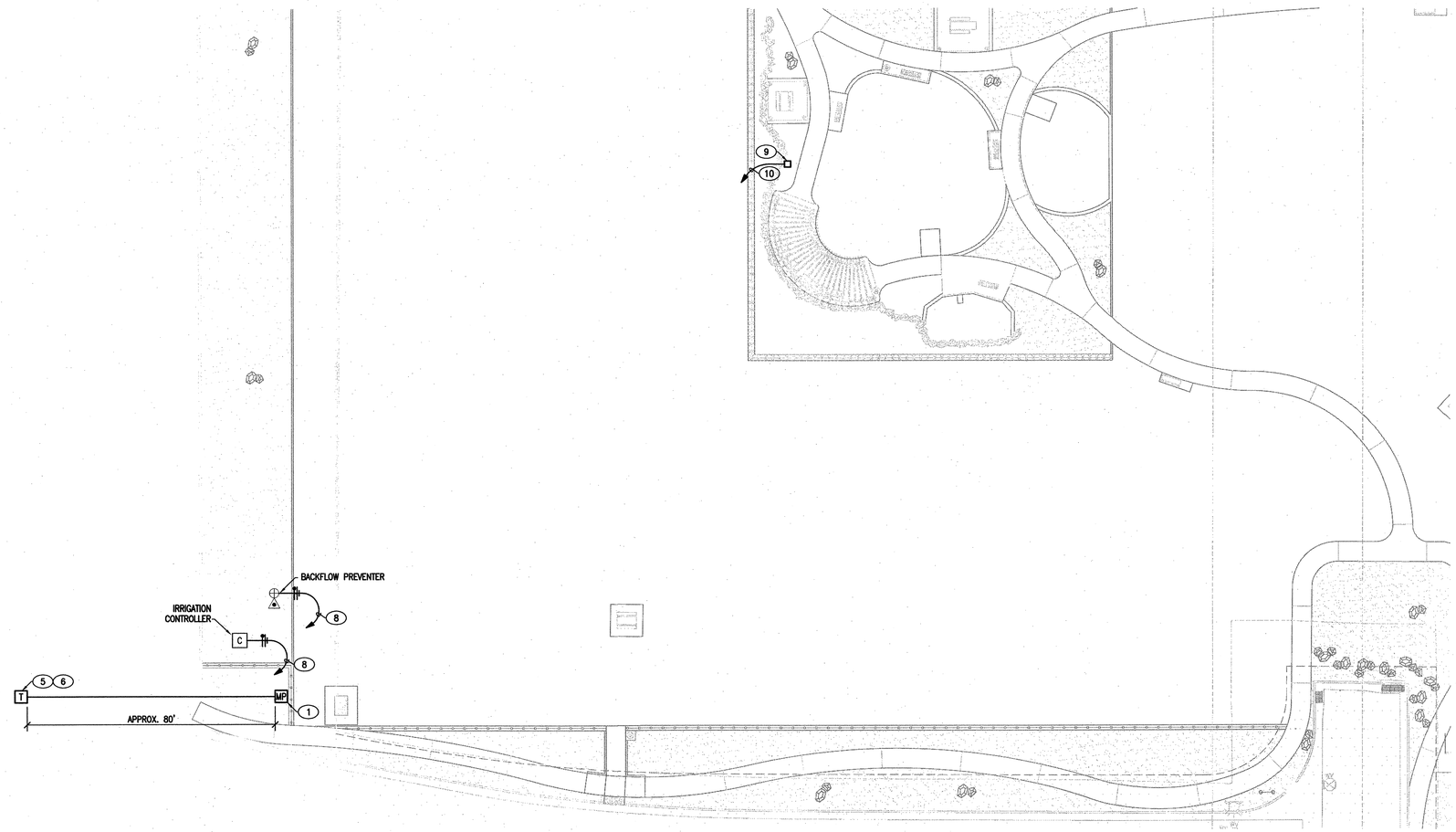
METERING PEDESTAL DETAIL

SCALE: NONE



POWER RISER DIAGRAM

SCALE: NONE
CONNECTED LOAD = 1 KW



ELECTRICAL PLAN

SCALE: 1" = 20'-0"

KEYED NOTES

1. 120/240 VOLT 100 AMP METERING PEDESTAL (COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT) WITH A 100A/2P MAIN BREAKER AND A MINIMUM OF TWELVE 20A/1P BRANCH BREAKERS. PEDESTAL SHALL BE CONSTRUCTED FROM 14 GAUGE STEEL WITH CORROSION RESISTANT FINISH. METER SOCKET MINIMUM RATING 100 AMP FACTORY WIRED IN SEPARATE WIRE WAY FROM TERMINAL BLOCK TO METER SOCKET. REFER TO PNM STANDARD DRAWING #MS-5-2.0.
2. INSULATED STUD TERMINAL BLOCK OR BUS PADS TO ACCOMMODATE PNM CONNECTIONS.
3. PEDESTAL BONDING LUG GROUNDING CONDUCTOR MUST BE CONTINUOUS TO BREAKER PANEL GROUNDING TERMINAL.
4. TERMINATION SECTION TO HAVE REMOVABLE RAIN TIGHT COVER WITH PROVISION FOR PADLOCKING. ALL OTHER REMOVABLE PORTIONS OF TERMINATION SECTION MUST BE SEAL-ABLE.
5. APPROXIMATE LOCATION OF EXISTING PNM TRANSFORMER #P17521.
6. CONNECTION OF SECONDARY CONDUCTORS PER PNM STANDARDS.
7. 3 #2 THWN AND 1 #8 THWN GROUND IN 1-1/4" CONDUIT.
8. EXTEND TO 20A/1P CIRCUIT BREAKER IN METERING PEDESTAL.
9. 12"x12" IN GRADE COMPOSITE TYPE PULL BOX WITH COVER. VERIFY EXACT LOCATION WITH LANDSCAPE ARCHITECT PRIOR TO ROUGH-IN.
10. EXTEND 1" CONDUIT WITH PULL STRING TO METERING PEDESTAL FOR FUTURE LIGHTING.

GENERAL NOTES

A. ELECTRICAL CONTRACTOR SHALL FURNISH ALL REQUIRED PERMITS.

B. ELECTRICAL CONTRACTOR SHALL PROVIDE A TWO YEAR EXTENDED WARRANTY AS DESCRIBED ON SHEET 1.

C. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL BE DONE IN STRICT ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES, THE CURRENT EDITION OF THE NEC, THE RULES AND REGULATIONS OF THE LOCAL ELECTRICAL COMPANY AUTHORITY, AND OTHER AUTHORITIES HAVING JURISDICTION OVER THE SAME. WHETHER SHOWN ON THE DRAWINGS OR NOT, ALL MODIFICATIONS REQUIRED BY ANY OF THE ABOVE AUTHORITIES SHALL BE MADE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

D. ALL UNDERGROUND SPLICES, INCLUDING GROUND CONDUCTOR, SHALL BE A DRY SPLICE.

EXCAVATION WARNING NOTES

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 THEREFOR. 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 FOR ANY AND ALL DAMAGE CAUSED BY ITS 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.

N

0 10 20 40 60

SCALE: 1" = 20'

AS BUILT INFORMATION

CONTRACTOR		
WORK STAKED BY		DATE
INSPECTOR'S ACCEPTANCE BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION

RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES

NO.	BY	DATE

ENGINEER'S SEAL

HARVEY A. PEEL NEW MEXICO 9534 REGISTERED PROFESSIONAL ENGINEER

02/12/10

H10016

NO.	DATE	REMARKS	BY

REVISIONS

DESIGN

DESIGNED BY:	HDI	DATE: 02/12/10
DRAWN BY:	EA-LLC	DATE: 02/12/10
CHECKED BY:	HDI	DATE: 02/12/10

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
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CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
ELECTRICAL PLAN

hdi inc hughes design international
ELECTRICAL DESIGN
PROJECT MANAGEMENT
CONSTRUCTION ADMIN
CELL: 553.8210
FAX: 888.8984
HUGHESDESIGNINC@MSN.COM

Design Review Committee	City Engineer Approval	Last Design Updates	Mo/Day/yr.	Mo/Day/yr.

City Project No.	Zone Map No.	Sheet
787491	A-12	20 OF 21

City of Albuquerque
Richard J. Berry, Mayor

Department of Municipal Development
Michael J. Riordan, P.E., Acting Director

Project Information Form

Date: 2/12/10
To: Jeff Hart, Superintendent, Park Management, Parks & Recreation Department (PRD)
From: John Casados, Construction Manager, Park Design & Construction, DMD

Subject: Black Arroyo Park Improvements – Substantial Completion: PRD, Park Management Division Accepts Maintenance Responsibility

As of (date): 2/12/10
Project ID#: 787491
Name of Facility: Black Arroyo Park
Address: 5001 Quarry Rd.
Albuquerque, NM
CD: 5
Park Zoning: R-1

… is officially assigned to the Park Management Division, Parks & Recreation Department, City of Albuquerque for maintenance. Outlined below is a description of work completed:

Renovation X Developed

Detailed Park Summary Information:

Total Park Acreage: 4.25 acres

Acres Developed: 4.25 acres

Description of Project:

Acres of Irrigated Turf	2.89	cool / warm season
Turf Removal:	0	square feet
Landscape Area Trees & Shrubs:	40.392	square feet
Tree Count:	84/17	Deciduous/Evergreen
Recycled Construction Materials:	2	truckloads
Recycled Benches	10	
Recycled Tables	5	
Engineered Wood Fibers	140	cubic yards

Park property developed; per FINAL FOR CONSTRUCTION DOCUMENTS DATED X/XX/09 and COA specifications.
New:
1. **Site furnishings: Recycled Plastic Picnic Tables; Recycled Plastic Benches; Trash Receptacles; Shade Structures; Biker Rack; ornamental fencing**
2. **Hardscape: Concrete sidewalk paving; concrete access ramp into play area; mowcurbs; mountable roll-type curb; wheelchair access ramps;**
3. **Playground: Play equipment; Engineered wood fibers**

Vendor: Exerplay
Phone: (505) 577-7004
Application:
Product: Play Equipment
Model#: #LSI-120891A, Dino Egg Fossil, Dino Head Fossil
Manufacture structural warranty:

Project Name: Black Arroyo Park Improvements

Amenities	Total Existing	# Removed	#Added	Current Total
Benches	0	0	10	10
Bike Racks (capacity)	0	0	7	7
Exercise Stations	0	0	0	0
Mutt Mitt Dispensers	0	0	0	0
Picnic Tables-ADA	0	0	1	1
Picnic Tables	0	0	4	4
Play Areas	0	0	1	1
Play Areas-wood fiber (sf)	0	0	3547	3547
Play Structures (2 to 5 yrs)	0	0	0	0
Play Structures (5 to 12 yrs)	0	0	1	1
Swings Sets	0	0	1	1
Shade Structure	0	0	3	3
Trash Receptacles	0	0	6	6
**********				
Wire Fence – 4' (LF)	0	0	1129	1129
Chain Link Fence – 4'	0	0	0	0
Parking Spaces-ADA	0	0	0	0
Parking Spaces-standard	0	0	0	0
**********				
Light Pole-Single Hd Fixture	0	0	0	0
Light Pole – Double Hd Fixture	0	0	0	0
Basketball Courts (Full)	0	0	0	0
Basketball Courts (Half)	0	0	0	0
Off Leash Dog Area wood fiber	0	0	0	0
Recreation Fields	0	0	0	0
Skate Facility, Modular	0	0	0	0
Softball Fields (Lit)	0	0	0	0
Softball Fields (Unlit)	0	0	0	0
Tennis Courts (Lit)	0	0	0	0
Tennis Courts (Unlit)	0	0	0	0

Effective date: 2/10/10
NO MORE CHARGES for new water, electric and gas

…will be accepted by the contractor:

…are to occur against activity numbers:

Contacts:

Project Manager, City of Albuquerque, Park Design & Construction, DMD

Project Manager: David Flores
Phone: (505) 768-3815
Email: dflores@cabq.gov
Fax: (505) 768-2310

Consultant: AE#7309.01

Design Consultant: Morrow Reardon Wilkinson Miller, Ltd.
Address: 210 La Veta NE, Albuquerque, NM 87108
Project Manager: Brian Verardo, ASLA
Phone: (505) 268-2266
Email: verardo@mrwnm.com
Application:

Landscape Architect of Record: Brian Verardo
Address: 210 La Veta NE, Albuquerque, NM 87108
Phone: (505) 268-2266
Email: verardo@mrwnm.com

Contactor Information:

Contractor:
Contact Name:
Phone:
Scope of Work:
Warranty: One (1) year labor and materials
Warranty Start Date:

Contractor:
Contact Name:
Phone:
Scope of Work:.
Warranty: One (1) year labor and materials
Warranty Start Date:

Warranty and Vendor Information:
The following is a listing of all labor, vendors and product warranties pertaining to project: Black Arroyo Park
During the first year all calls regarding warranty information will go to the contractor. After one year calls regarding warranty go directly to the vendor.

Vendor: Kids Place Designs
Phone: (505) 553-3467
Application:
Product: Benches, Picnic Tables, Bike Rack, Shade Structures
Model#: #6CP-GL, #6CPDNB-GL, 6' Mountaineer Picnic Table, 6' Handicapped Accessible Mountaineer Picnic Table, #5990, #AS-MP1440-RC, #4S12-AS, #4S16-AS
Manufacture structural warranty:

Vendor: Gametime
Phone: (505) 899-6892
Application:
Product: Play Equipment
Model#: #RDU
Manufacture structural warranty:

Audit Information for Play Equipment, Irrigation System and Backflow Preventor

Auditor:
Phone:
Inspector Name:
Inspection Date:
Products Inspected: All Play Equipment and Surfacing

Auditor:
Phone:
Inspector Name:
Inspection Date:
Products Inspected: Backflow Prevention Assembly

Auditor:
Phone:
Inspector Name:
Inspection Date:
Products Inspected: Landscape Irrigation Water Audit

Water Meter:
Reading: _____
Address: _____
Serial Number: _____
Type: _____
Final billing date:_____
New Service JV:

Electric Meter:
Reading: _____
Number: _____
Serial Number: _____
Type: _____

- Maintenance Documents
  - Keys (6-trash receptacles)
  - Benches
  - Tables
  - Play Structures
  - Shade Structures (engineered drawings and footing details)
  - Irrigation Controller
- Permits (date approved)
  - Electrical ()
  - SWPPP/NOI ( )
  - Building
  - Dust Control
  - Water Meter Tap ()
  - Concrete Tests
  - Compaction Tests
- ☐ Punch list complete date:
- ☐ Record drawings per General Conditions section 6.10
  - Reproducible as built Record Drawings for entire park project completed by a certified draftsman. -same scale as plans.
  - Legible, reduced laminate layout drawings of irrigation system for each controller.
    -color coded by each valve front of copy.
    -irrigation legend and scheduled back of copy.
    -irrigation schedule back of copies.
    -11"x17" format.

Email copies to:

AS–BUILT INFORMATION
CONTRACTOR
WORK STAKED BY
INSPECTOR'S ACCEPTANCE BY
FIELD VERIFICATION BY
DRAWINGS CORRECTED BY
MICRO–FILM INFORMATION
RECORDED BY
NO. DATE

BENCH MARKS

SURVEY INFORMATION
FIELD NOTES
NO. BY DATE

ARCHITECTURAL SEAL
STATE OF NEW MEXICO
BRIAN J. VERARDO
NO. 309
REGISTERED LANDSCAPE ARCHITECT
2/12/10

REVISIONS
NO. DATE REMARKS BY

DESIGNED BY DATE 8/27/09
DRAWN BY AD DATE 8/27/09
CHECKED BY BV DATE 8/27/09

FINAL FOR CONSTRUCTION
DATE: FEBRUARY 12, 2010

Black Arroyo Park Improvements

PROJECT# 787491

MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
210 La Veta NE, Albuquerque, NM 87108
505.268.2266 FAX 505.265.9637
MRLTW@MRWNM.COM

CITY OF ALBUQUERQUE
PARK DESIGN AND CONSTRUCTION DIVISION
DEPARTMENT OF MUNICIPAL DEVELOPMENT

BLACK ARROYO PARK IMPROVEMENTS
PROJECT INFORMATION FORM

Design Review Committee | City Engineer Approval | Last Design Update | Mo./Day/Yr. | Mo./Day/Yr.

City Project No. 787491 | Zone Map No. A–12 | Sheet 21 OF 21

RECORD DRAWINGS
DATE: