

CONSTRUCTION PLANS FOR
PHASE ONE
JOINT USE PARK AND FIELD DEVELOPMENT AT
WASHINGTON MIDDLE SCHOOL

1101 PARK AVENUE S.W.
ALBUQUERQUE, NEW MEXICO

A JOINT USE PROJECT OF
ALBUQUERQUE PUBLIC SCHOOLS AND
THE CITY OF ALBUQUERQUE

DATE: OCTOBER 9, 1997

A CLASS II PROJECT FOR CONSTRUCTION BY AN
A.P.S. ON-CALL LANDSCAPE CONSTRUCTION CONTRACTOR

ALL WORK ON THIS PROJECT SHALL BE CONSTRUCTED IN COMPLIANCE WITH THE
CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986,
WITH UPDATES 1-5.

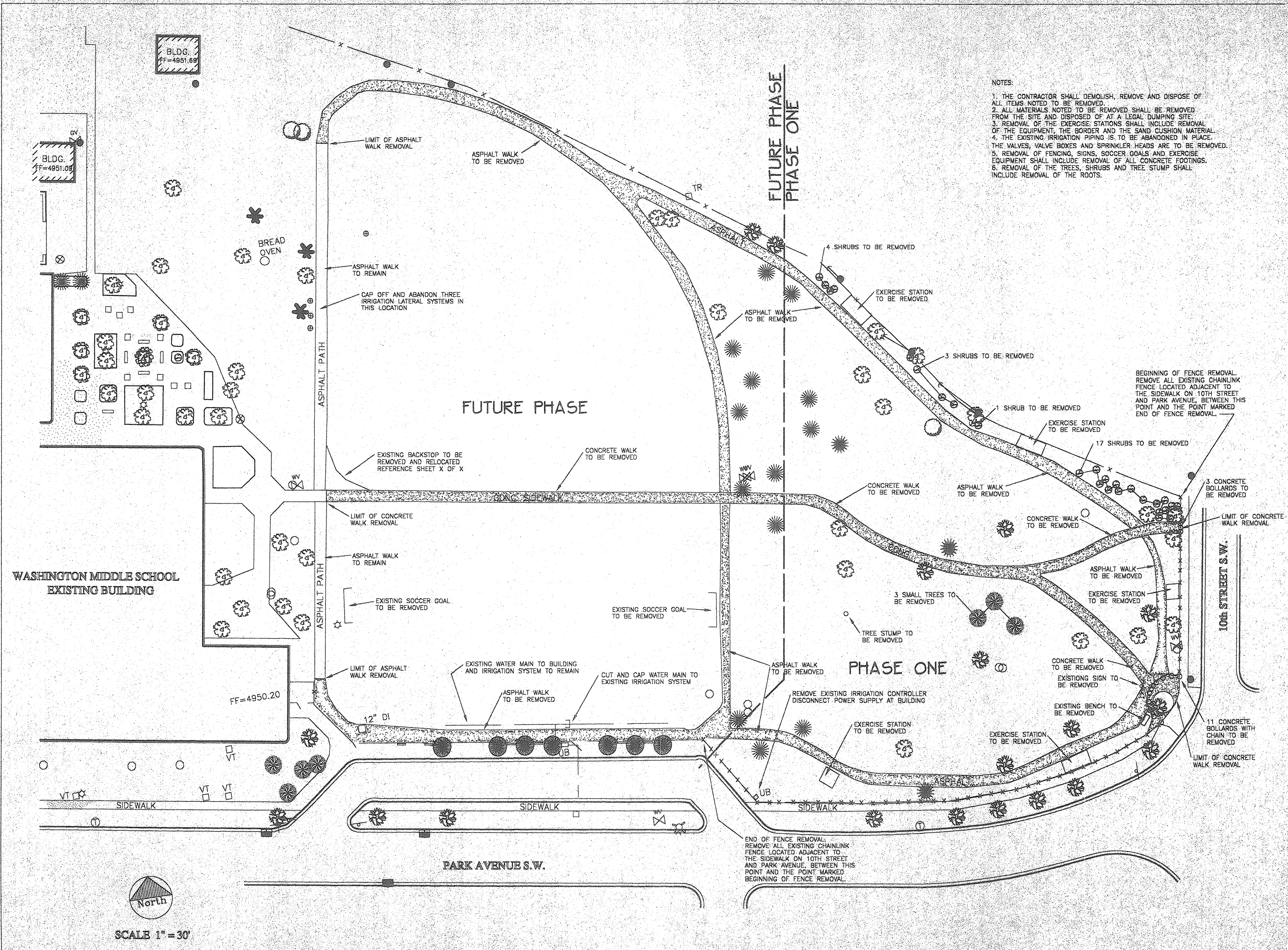
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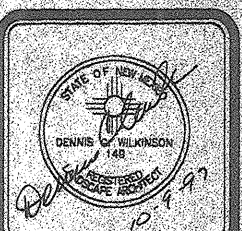
PREPARED BY:

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SET NO.



- NOTES:
1. THE CONTRACTOR SHALL DEMOLISH, REMOVE AND DISPOSE OF ALL ITEMS NOTED TO BE REMOVED.
 2. ALL MATERIALS NOTED TO BE REMOVED SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT A LEGAL DUMPING SITE.
 3. REMOVAL OF THE EXERCISE STATIONS SHALL INCLUDE REMOVAL OF THE EQUIPMENT, THE BORDER AND THE SAND CUSHION MATERIAL.
 4. THE EXISTING IRRIGATION PIPING IS TO BE ABANDONED IN PLACE. THE VALVES, VALVE BOXES AND SPRINKLER HEADS ARE TO BE REMOVED.
 5. REMOVAL OF FENCING, SIGNS, SOCCER GOALS AND EXERCISE EQUIPMENT SHALL INCLUDE REMOVAL OF ALL CONCRETE FOOTINGS.
 6. REMOVAL OF THE TREES, SHRUBS AND TREE STUMP SHALL INCLUDE REMOVAL OF THE ROOTS.



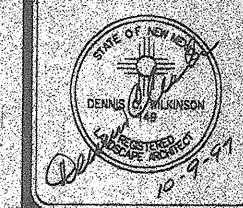
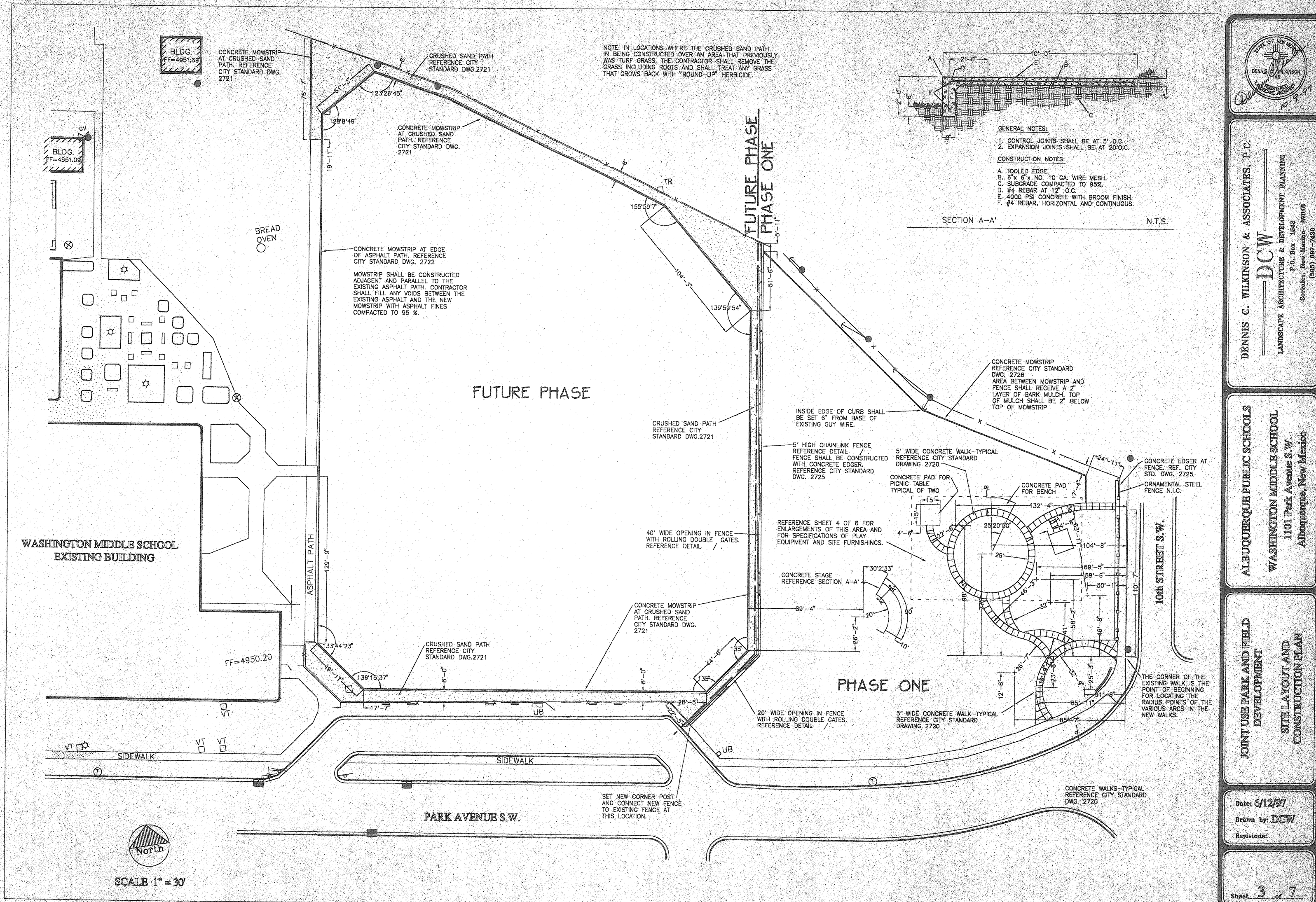
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ALBUQUERQUE PUBLIC SCHOOLS
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1101 Park Avenue S.W.
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JOINT USE PARK AND FIELD
DEVELOPMENT
DEMOLITION PLAN

Date: 6/12/97
Drawn by: DCW
Revisions:

Sheet 1 of 7



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JOINT USE PARK AND FIELD
DEVELOPMENT
SITE LAYOUT AND
CONSTRUCTION PLAN

Date: 6/12/97
Drawn by: DCW
Revisions:

Sheet 3 of 7



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JOINT USE PARK AND FIELD
DEVELOPMENT

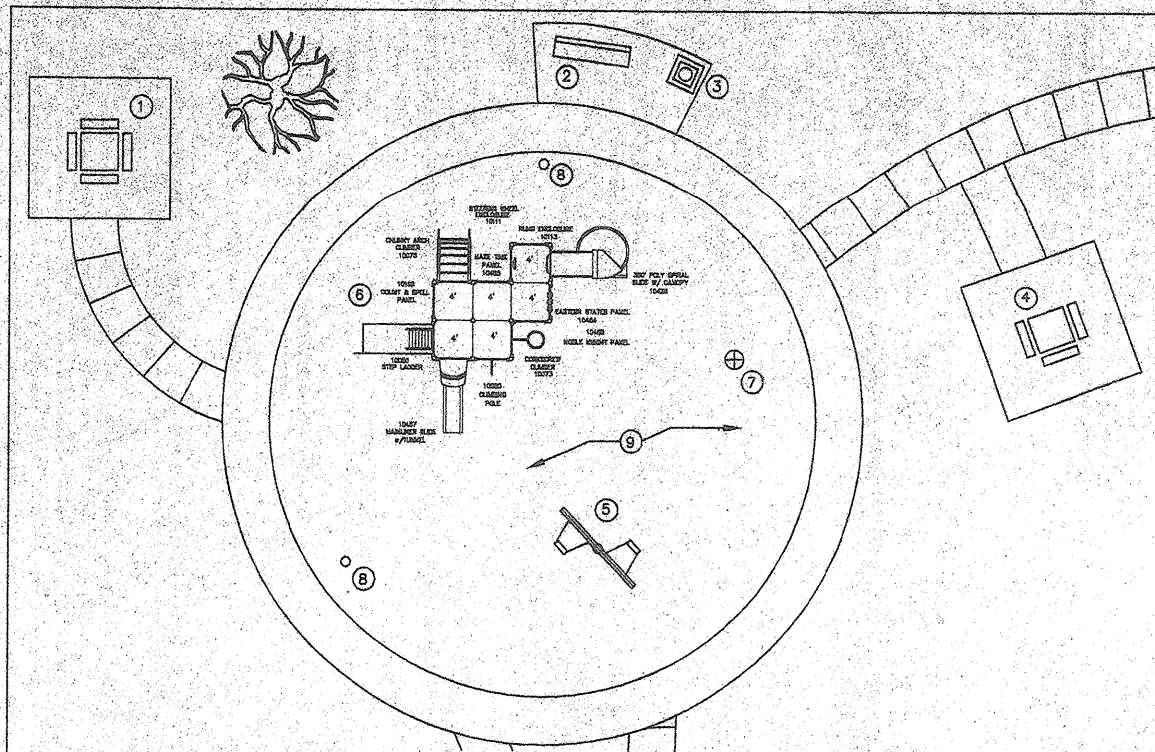
PLAYGROUND ENLARGEMENT
PLANS

Date: 6/12/97

Drawn by: DCW

Revisions:

Sheet 4 of 7

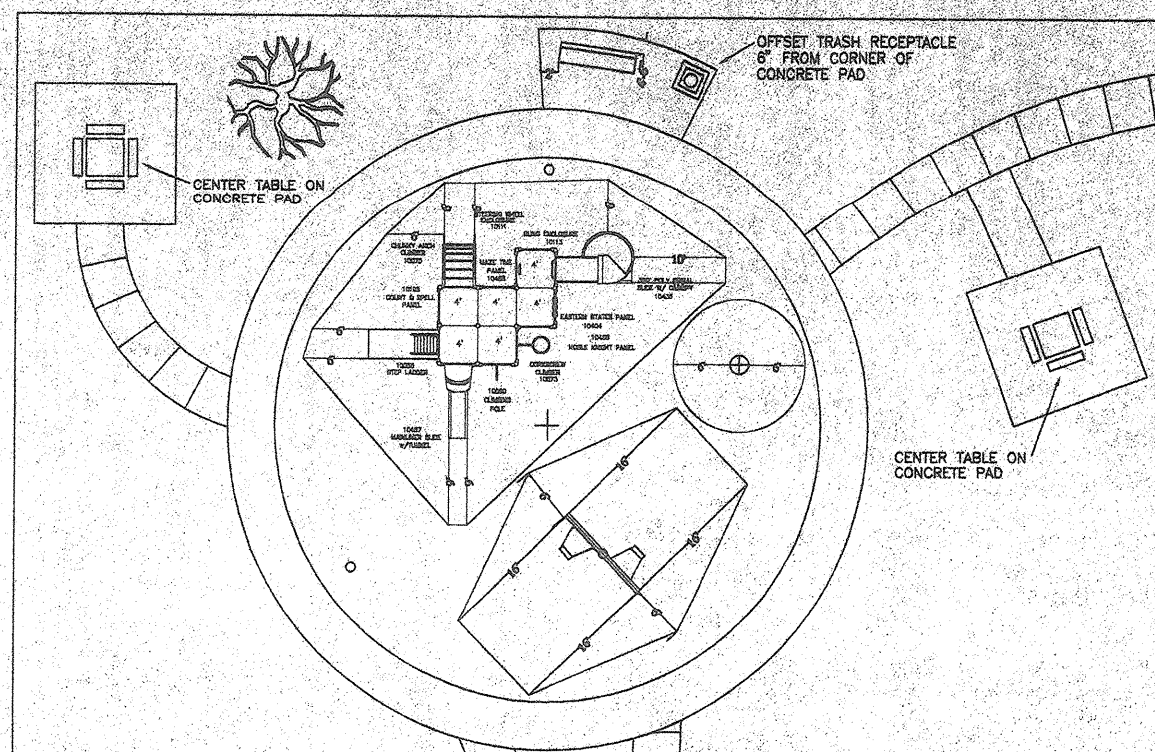


KEYED NOTES:

1. DU MOR INC. RECYCLED PEDESTAL TABLE 76-44PL, S-1 (BRONZE/CEDAR).
2. DU MOR INC. RECYCLED PLASTIC BENCH 11-80, S-1 (BRONZE/CEDAR).
3. MATERIALS INC. RINCONADA (SOUTHWEST ACCENT) TRASH RECEPTACLE WITH LOCKING DOOR.
4. DU MOR INC. RECYCLED PLASTIC PEDESTAL TABLE WITH THREE SEATS 76-44PL, S-1 (BRONZE/CEDAR).
5. GAMETIME T-SWING FRAME NO.P831 WITH 2 NO. 2955 BELT SEATS
6. GAMETIME DECK STRUCTURE -- SEE DECK STRUCTURE DETAIL FOR COMPONENTS.
7. GAMETIME NO.1526, THE ROTATOR.
8. GAMETIME NO.842, TALK TUBES.
9. SPORTFLOOR TOTLER PIP SURFACE -- NOT IN CONTRACT.

EQUIPMENT IDENTIFICATION PLAN

SCALE 1" = 10'

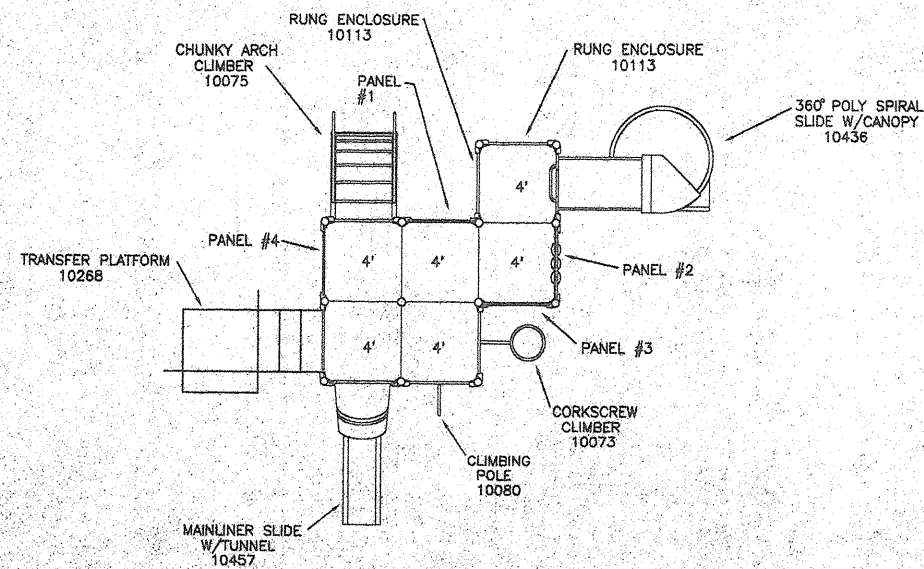


NOTES:

1. THE DIMENSIONS SHOWN FOR EACH PIECE OF PLAY EQUIPMENT ARE THE RESPECTIVE PROTECTIVE AREA DIMENSIONS FOR EACH PIECE OF EQUIPMENT.
2. THE CONTRACTOR SHALL CONSTRUCT EACH PIECE OF EQUIPMENT IN THE AREA SHOWN ON THE PLAN TAKING EXTREME CAUTION NOT TO OVERLAP ANY OF THE PROTECTIVE AREAS.

EQUIPMENT SPACING

SCALE 1" = 10'



NOTES:

1. THE DECK STRUCTURE SHALL BE A GAMETIME POWERSCAPE PLAY STRUCTURE OR EQUAL.
2. THE DECK STRUCTURE SHALL HAVE THE COMPONENTS AS SHOWN.
3. THE PANELS #1 - #4 SHALL BE SELECTED BY THE NEIGHBORHOOD ASSOCIATION

DECK STRUCTURE DETAIL

NOT TO SCALE

SPECIAL NOTE: THIS IRRIGATION SYSTEM IS DESIGNED TO OPERATE BASED UPON 69 PSI PRESSURE AT THE EXISTING BACKFLOW PREVENTER. PRIOR TO START OF CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE PRESSURE AT THE BACKFLOW PREVENTER AND SHALL PROVIDE WRITTEN NOTICE OF THE PRESSURE TO THE LANDSCAPE ARCHITECT. FAILURE TO VERIFY PRESSURE AND PROVIDE NOTIFICATION TO THE LANDSCAPE ARCHITECT PRIOR TO START OF CONSTRUCTION WILL MAKE THE CONTRACTOR RESPONSIBLE FOR ALL COSTS REQUIRED TO MODIFY THE IRRIGATION SYSTEM TO OPERATE PROPERLY WITH THE AVAILABLE PRESSURE.

IRRIGATION LEGEND

- ① TORO M51-2T-CR CONTROLLER INSTALLED PER THE MANUFACTURER'S RECOMMENDATIONS.
- ⊠ FEBCO B25YD-4" REDUCED PRESSURE BACKFLOW PREVENTER INSTALLED IN A HOT BOX HB4AN ENCLOSURE. REFERENCE CITY STD. DWG. 2701.
- Ⓜ BERMAD 910-P-3" MASTER VALVE. REFERENCE CITY STD. DWG. 2701.
- 4" CLASS 200 PVC MAINLINE PIPING. REFERENCE CITY STD. DWG. 2704.
- Ⓐ CRISPIN 2" AIR AND VACUUM VALVE. REFERENCE CITY STD. DWG. 2705.
- Ⓢ TORO ZONE VALVE. REFERENCE CITY STD. DWG. 2703. REFERENCE VALVE LEGEND FOR VALVE TYPES AND SIZES.
- SCHEDULE 40 PVC LATERAL LINE PIPING, SIZED AS MARKED.
- TORO 644-02-42 SPRINKLER
- TORO 642-02-42 SPRINKLER
- TORO S-2001 SPRINKLER
- TORO S700C-FC-7.5-SA SPRINKLER
- TORO S700C-PC-7.5-SA SPRINKLER
- TORO 570Z-6P-COM-15-F-PC SPRINKLER
- TORO 570Z-6P-COM-15-TQ-PC SPRINKLER
- TORO 570Z-6P-COM-15-H-PC SPRINKLER
- TORO 570Z-6P-COM-15-Q-PC SPRINKLER

VALVE LEGEND

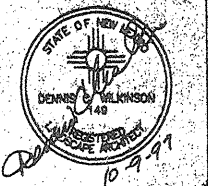
STATION	VALVE	GPM	PR	MIN./33 INCH
V01	TORO 216-26-12	168.0	.85	24 MIN.
V02	TORO 216-26-12	168.0	.43	24 MIN.
V03	TORO 216-26-12	168.0	.43	46 MIN.
V04	TORO 216-26-12	168.0	.43	46 MIN.
V05	TORO 216-26-12	168.0	.43	46 MIN.
V06	TORO 252-26-08	71.04	.32	81 MIN.
V07	TORO 252-26-08	65.12	.32	81 MIN.
V08	TORO 252-26-06	41.44	.32	81 MIN.
V09	TORO 252-26-08	76.96	.32	81 MIN.
V10	TORO 252-26-08	82.88	1.79	11 MIN.
V11	TORO 252-26-06	51.30	1.79	11 MIN.
V12	TORO 252-26-08	39.55	1.79	11 MIN.
V13	TORO 252-26-06	55.85	1.79	11 MIN.
V14	TORO 252-26-06	55.80	1.79	11 MIN.
V15	TORO 252-26-04	N/A	N/A	N/A

TOTAL WATERING TIME FOR .33 INCHES IS 5HRS. 5MIN.

NOTES:

- ALL SPRINKLERS SHALL BE INSTALLED PER CITY STD. DWG. 2709.
- IN ALL LOCATIONS WHERE 570Z STANDARD ARC NOZZLES DO NOT FIT THE SPACE BEING IRRIGATED, THE CONTRACTOR SHALL SUBSTITUTE 570 V-15 ADJUSTABLE ARC NOZZLES.
- THE CONTRACTOR SHALL PROVIDE AN AUDIT OF THE COMPLETED IRRIGATION SYSTEM AS REQUIRED BY CITY OF ALBUQUERQUE ORDINANCE.
- REFERENCE SHEET 6 OF 7 FOR ELECTRICAL SERVICE TO THE IRRIGATION CONTROLLER.

IRRIGATION "AS BUILT"



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ALBUQUERQUE PUBLIC SCHOOLS

WASHINGTON MIDDLE SCHOOL
1101 Park Avenue S.W.
Albuquerque, New Mexico

JOINT USE PARK AND FIELD
DEVELOPMENT

IRRIGATION PLAN

Date: 6/12/97
Drawn by: DCW
Revisions: 8/20/97

Sheet 5 of 7

WASHINGTON MIDDLE SCHOOL
EXISTING BUILDING

FF=4950.20

EXISTING WATER MAIN TO BUILDING
EXISTING BACKFLOW PREVENTER

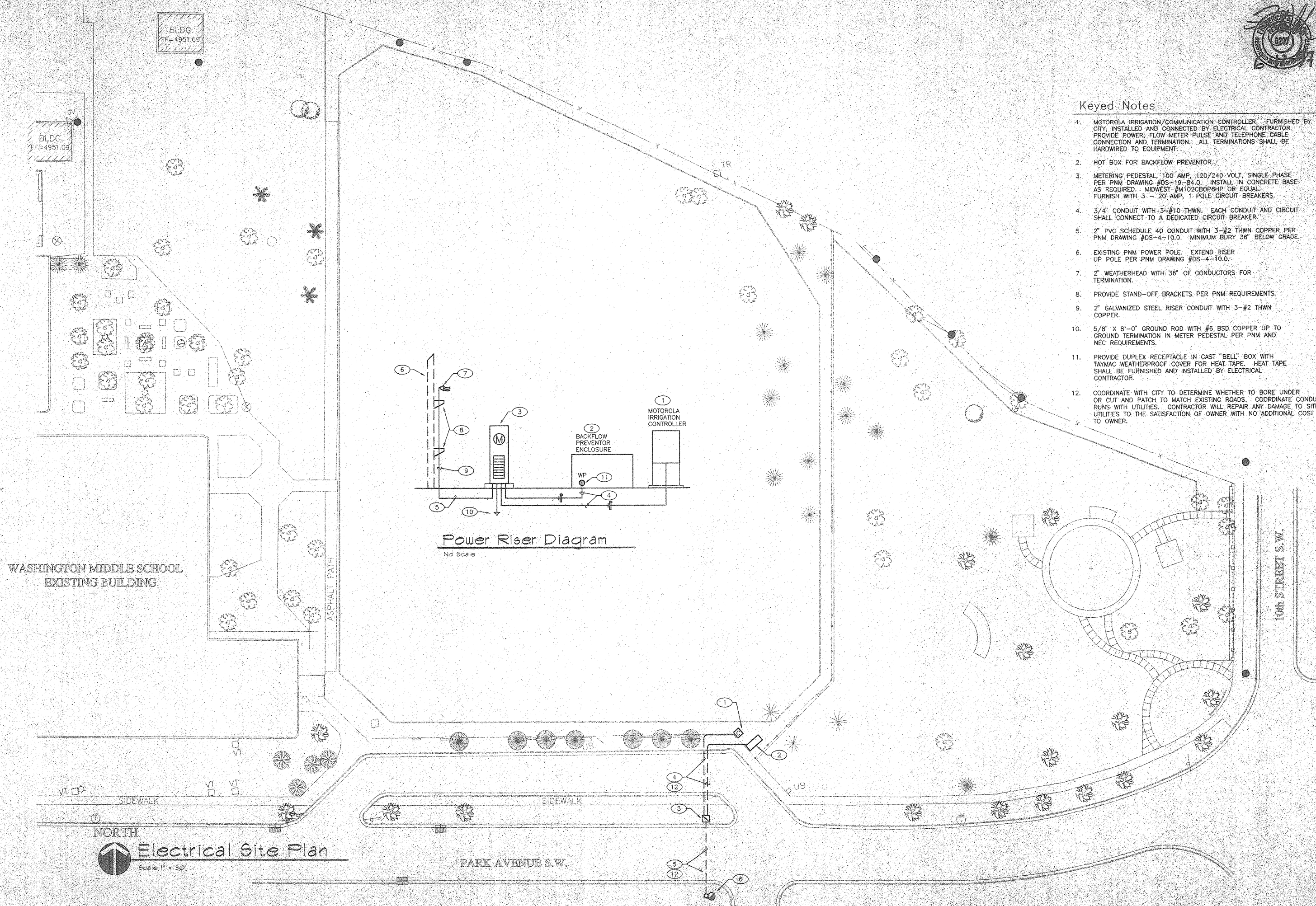
EXISTING WATER SERVICE
FOR IRRIGATION

PARK AVENUE S.W.

10th STREET S.W.



SCALE 1" = 30'



Keyed Notes

1. MOTOROLA IRRIGATION/COMMUNICATION CONTROLLER, FURNISHED BY CITY, INSTALLED AND CONNECTED BY ELECTRICAL CONTRACTOR. PROVIDE POWER, FLOW METER PULSE AND TELEPHONE CABLE CONNECTION AND TERMINATION. ALL TERMINATIONS SHALL BE HARDWIRED TO EQUIPMENT.
2. HOT BOX FOR BACKFLOW PREVENTOR.
3. METERING PEDESTAL, 100 AMP, 120/240 VOLT, SINGLE PHASE PER PNM DRAWING #DS-19-84.0. INSTALL IN CONCRETE BASE AS REQUIRED. MIDWEST #M102CBOP6HP OR EQUAL. FURNISH WITH 3 - 20 AMP, 1 POLE CIRCUIT BREAKERS.
4. 3/4" CONDUIT WITH 3-#10 THWN. EACH CONDUIT AND CIRCUIT SHALL CONNECT TO A DEDICATED CIRCUIT BREAKER.
5. 2" PVC SCHEDULE 40 CONDUIT WITH 3-#2 THWN COPPER PER PNM DRAWING #DS-4-10.0. MINIMUM BURY 36" BELOW GRADE.
6. EXISTING PNM POWER POLE. EXTEND RISER UP POLE PER PNM DRAWING #DS-4-10.0.
7. 2" WEATHERHEAD WITH 36" OF CONDUCTORS FOR TERMINATION.
8. PROVIDE STAND-OFF BRACKETS PER PNM REQUIREMENTS.
9. 2" GALVANIZED STEEL RISER CONDUIT WITH 3-#2 THWN COPPER.
10. 5/8" X 8'-0" GROUND ROD WITH #6 BSD COPPER UP TO GROUND TERMINATION IN METER PEDESTAL PER PNM AND NEC REQUIREMENTS.
11. PROVIDE DUPLEX RECEPTACLE IN CAST "BELL" BOX WITH TAYMAC WEATHERPROOF COVER FOR HEAT TAPE. HEAT TAPE SHALL BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.
12. COORDINATE WITH CITY TO DETERMINE WHETHER TO BORE UNDER OR CUT AND PATCH TO MATCH EXISTING ROADS. COORDINATE CONDUIT RUNS WITH UTILITIES. CONTRACTOR WILL REPAIR ANY DAMAGE TO SITE UTILITIES TO THE SATISFACTION OF OWNER WITH NO ADDITIONAL COST TO OWNER.



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ALBUQUERQUE PUBLIC SCHOOLS

WASHINGTON MIDDLE SCHOOL
1101 Park Avenue S.W.
Albuquerque, New Mexico

JOINT USE PARK AND FIELD
DEVELOPMENT

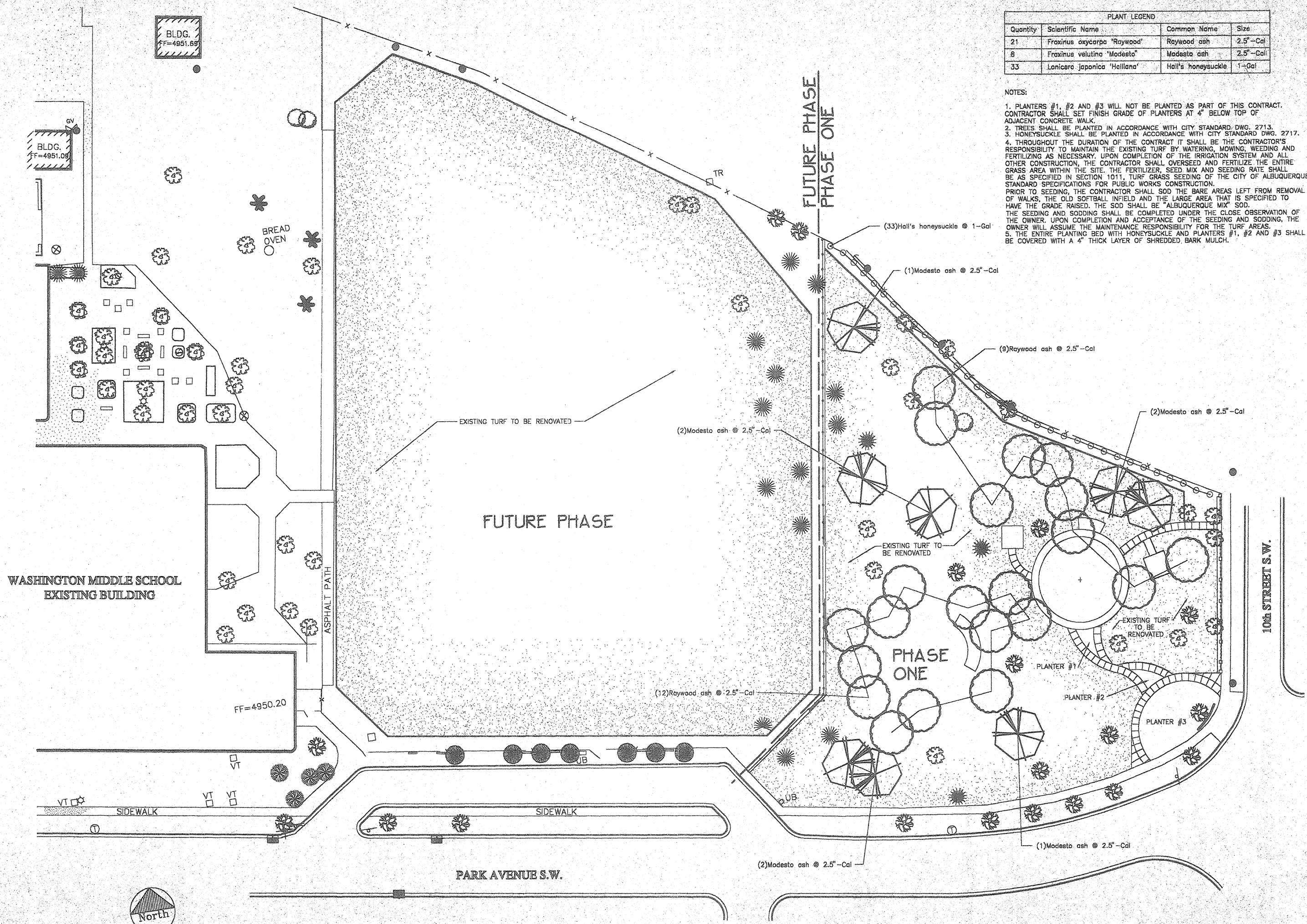
ELECTRICAL PLAN

Date: 6/12/97

Drawn by: R. Spencer

Revisions:

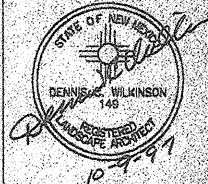
Sheet 6 of 7



PLANT LEGEND			
Quantity	Scientific Name	Common Name	Size
21	Fraxinus oxycarpa 'Raywood'	Raywood ash	2.5\"-Cal
8	Fraxinus velutina 'Modesto'	Modesto ash	2.5\"-Cal
33	Lonicera japonica 'Halliana'	Hall's honeysuckle	1-Gal

NOTES:

1. PLANTERS #1, #2 AND #3 WILL NOT BE PLANTED AS PART OF THIS CONTRACT. CONTRACTOR SHALL SET FINISH GRADE OF PLANTERS AT 4\"
2. TREES SHALL BE PLANTED IN ACCORDANCE WITH CITY STANDARD DWG. 2713.
3. HONEYSUCKLE SHALL BE PLANTED IN ACCORDANCE WITH CITY STANDARD DWG. 2717.
4. THROUGHOUT THE DURATION OF THE CONTRACT IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE EXISTING TURF BY WATERING, MOWING, WEEDING AND FERTILIZING AS NECESSARY. UPON COMPLETION OF THE IRRIGATION SYSTEM AND ALL OTHER CONSTRUCTION, THE CONTRACTOR SHALL OVERSEED AND FERTILIZE THE ENTIRE GRASS AREA WITHIN THE SITE. THE FERTILIZER, SEED MIX AND SEEDING RATE SHALL BE AS SPECIFIED IN SECTION 1011, TURF GRASS SEEDING OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. PRIOR TO SEEDING, THE CONTRACTOR SHALL SOD THE BARE AREAS LEFT FROM REMOVAL OF WALKS, THE OLD SOFTBALL INFELD AND THE LARGE AREA THAT IS SPECIFIED TO HAVE THE GRADE RAISED. THE SOD SHALL BE \"ALBUQUERQUE MIX\" SOD. THE SEEDING AND SODDING SHALL BE COMPLETED UNDER THE CLOSE OBSERVATION OF THE OWNER. UPON COMPLETION AND ACCEPTANCE OF THE SEEDING AND SODDING, THE OWNER WILL ASSUME THE MAINTENANCE RESPONSIBILITY FOR THE TURF AREAS.
5. THE ENTIRE PLANTING BED WITH HONEYSUCKLE AND PLANTERS #1, #2 AND #3 SHALL BE COVERED WITH A 4\"



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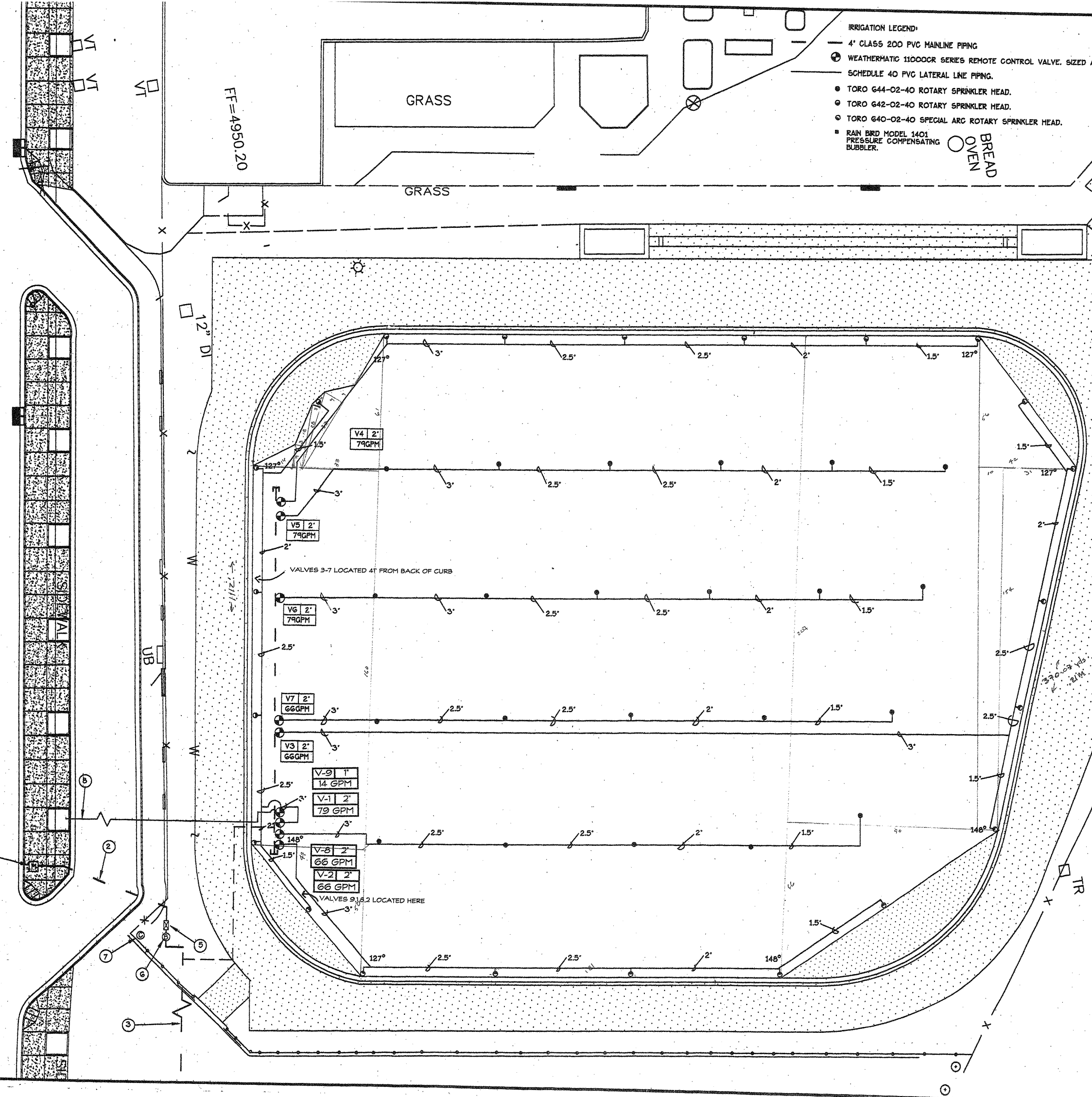
ALBUQUERQUE PUBLIC SCHOOLS
WASHINGTON MIDDLE SCHOOL
1101 Park Avenue S.W.
Albuquerque, New Mexico

JOINT USE PARK AND FIELD
DEVELOPMENT
PLANTING PLAN

Date: 6/12/97
Drawn by: DCW
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Sheet 7 of 7

88050 WA SHEETS VABR05.DWG 3-10-89 VLB



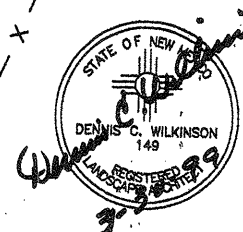
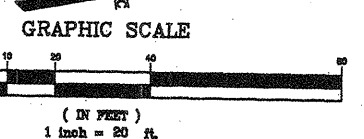
- IRRIGATION LEGEND:
- 4" CLASS 200 PVC MAINLINE PIPING
 - WEATHERMATIC 11000CR SERIES REMOTE CONTROL VALVE, SIZED AS MARKED.
 - SCHEDULE 40 PVC LATERAL LINE PIPING.
 - TORO 644-02-40 ROTARY SPRINKLER HEAD.
 - TORO 642-02-40 ROTARY SPRINKLER HEAD.
 - TORO 640-02-40 SPECIAL ARC ROTARY SPRINKLER HEAD.
 - RAIN BRD MODEL 1401 PRESSURE COMPENSATING BUBBLER.

Irrigation Record Drawing

Westwind Landscape Construction, Inc.
4800 Pan American Freeway Ne
Albuquerque, NM 87109
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9/22/99

NOTE:
REFERENCE SHEET 10 OF 10 FOR
GENERAL NOTES AND SYSTEM
PERFORMANCE INFORMATION.

- KEYED NOTES:
- 1 NEW 3" METER BY OWNER.
 - 2 EXTEND MAINLINE FROM NEW METER TO
EXISTING BACKFLOW PREVENTER.
DISCONNECT BACKFLOW PREVENTER
FROM EXISTING WATER SUPPLY AND
CAP OFF EXISTING WATER SUPPLY.
 - 3 EXISTING MAINLINE SERVICE TO PARK.
 - 4 EXTEND NEW MAINLINE FOR GRASS
FIELD AND STREET TREE BUBBLERS.
 - 5 EXISTING BACKFLOW PREVENTER.
 - 6 EXISTING MASTER VALVE.
 - 7 EXISTING CONTROLLER.
 - 8 SEE SHEET 10 OF 10 FOR CONTINUATION
OF LATERAL SYSTEM V9.



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WASHINGTON MIDDLE SCHOOL
1101 PARK AVE SW ALBUQUERQUE
TRACK & FIELD SITE IMPROVEMENTS

IRRIGATION PLAN

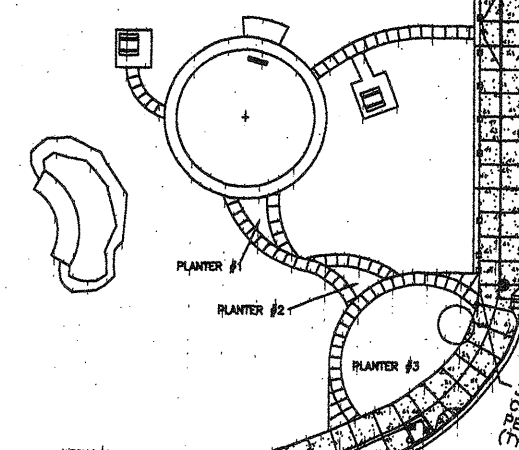
DESIGN MJJ	DRAWN JLB	DATE MARCH 1999
FILE NO. 98095		SHEET NO. 8 of 9

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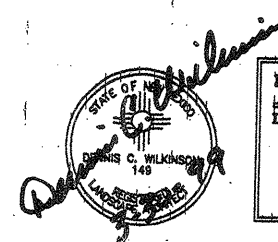
9/22/99



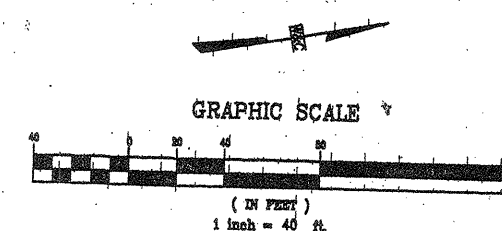
VALVE	SIZE	GPM	PSI	PR	MIN./33"
V1	2"	79	40	1.06	19
V2	2"	66	40	1.06	19
V3	2"	66	40	1.06	19
V4	2"	79	40	1.06	19
V5	2"	79	40	0.53	38
V6	2"	79	40	0.53	38
V7	2"	79	40	0.53	38
V8	2"	66	40	0.53	38
V9	1"	14	30	NA	NA

GENERAL NOTES:

1. ALL WORK ON THIS SHEET AND SHEET X OF X SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1988, UPDATE NO. 5, AND THE APS ON-CALL LANDSCAPE CONSTRUCTION CONTRACT.
2. THE EXISTING TURF ON THE GRASS PLAY FIELD SHALL BE REMOVED BY THE GENERAL CONTRACTOR.
3. THE SURFACE OF THE GRASS PLAY FIELD SHALL BE RE-GRADED BY THE GENERAL CONTRACTOR.
4. THE ON-CALL LANDSCAPE CONTRACTOR SHALL FURNISH AND INSTALL SOIL AMENDMENTS, COMPLETE FINE GRADING AND FURNISH AND INSTALL NEW SOIL TO THE ENTIRE AREA OF THE GRASS PLAY FIELD.
5. THE ON-CALL LANDSCAPE CONTRACTOR SHALL PLANT LONDON PLANE TREES (FURNISHED BY THE OWNER) IN THE TREE WELLS ALONG PARK AVENUE, THE MULCH IN THE TREE WELLS SHALL BE SANTE FE BROWN CRUSHER FINES INSTEAD OF BARK MULCH SPECIFIED IN THE PLANTING DETAIL.
6. PRIOR TO PERFORMANCE OF THE REQUIRED WATER AUDIT, THE CONTRACTOR SHALL SET THE PRESSURE OF EACH LATERAL SYSTEM, AT 40 PSI AT THE HEAD. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL RE-VERIFY THE PRESSURE AT EACH LATERAL SYSTEM AT 40 PSI AT THE HEAD.
7. REFERENCE SHEET 9 OF 10 FOR CONTINUATION OF IRRIGATION SYSTEM, AND IRRIGATION LEGEND.



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IRRIGATION PLAN

DESIGN	DRAW
MJI	JLB

DATE
MARCH 1999

FILE NO.
98095

SHEET NO.

9 of 9

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