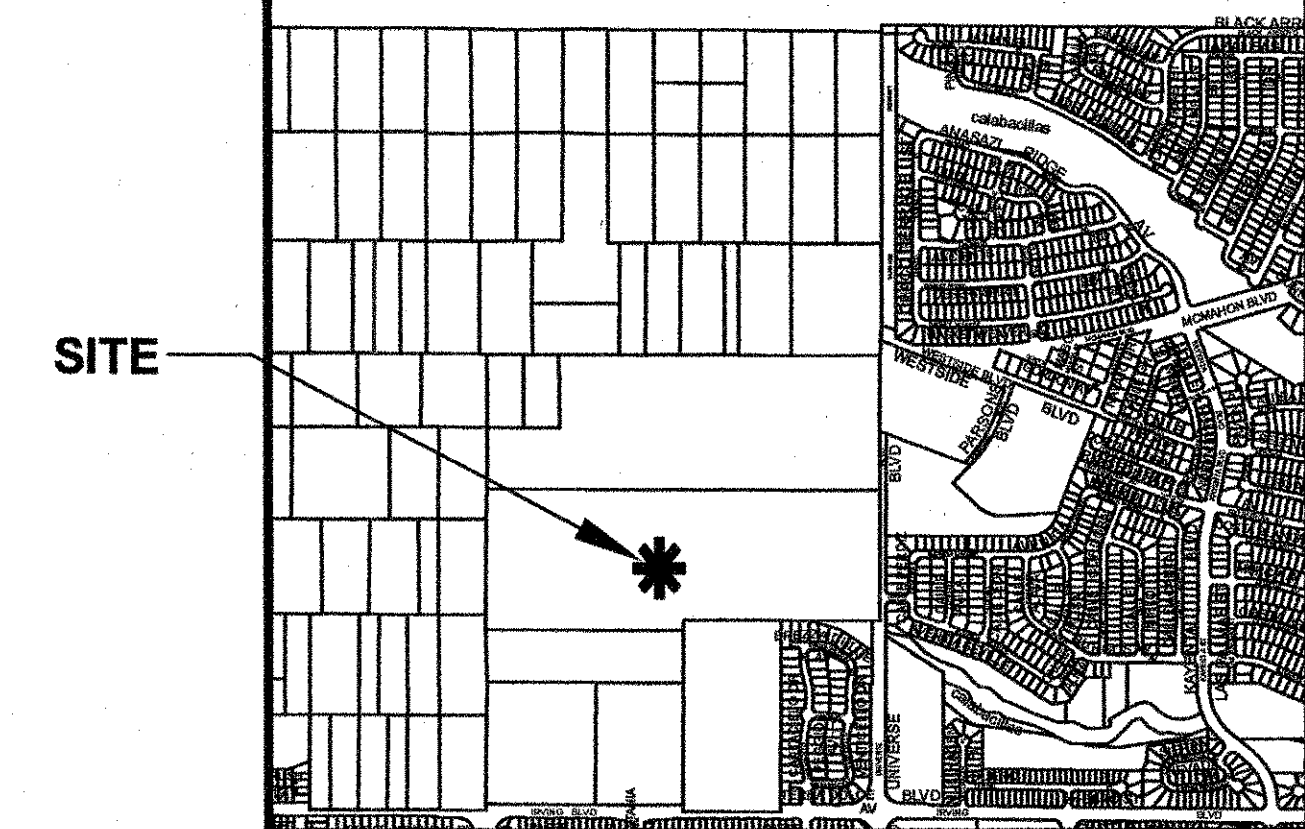




WESTSIDE CITY RECREATION FIELDS



VICINITY MAP: Zone Map: A-9

CITY OF ALBUQUERQUE

DEPARTMENT OF MUNICIPAL DEVELOPMENT – Managing Department
Park Design & Construction Division

MARCH 2008

Parks & Recreation Department-Owner

△ REDRAWN FOR
RECORD PURPOSES

RECORD DRAWINGS

THIS RECORD DRAWING HAS BEEN PREPARED, BASED UPON INFORMATION FURNISHED BY THE CONTRACTOR. THE DESIGN PROFESSIONAL HAS NOT INDEPENDENTLY REVIEWED THE ACCURACY OF THE INFORMATION PROVIDED. THESE RECORD DRAWINGS ACCURATELY DEPICT THE FIELD CHANGES WHICH WERE REPORTED BY THE CONTRACTOR.

Property Information

Meter Address: 10549 UNIVERSE BLVD. NW.
Zone : A-1 ALBUQUERQUE, NM 87114

Legal Description

TRACT 1 AND TRACT 2
CENTRAL NEW MEXICO (CNM)
COMMUNITY COLLEGE
WESTSIDE CAMPUS
(10/26/07 BK 2007C, PG 0317)

Index of Drawings

C-101	COVER SHEET
C-102	GENERAL NOTES
CG-101	GRADING AND DRAINAGE PLAN
CG-501	GRADING AND DRAINAGE DETAILS
CU-101	UTILITY PLAN
E-101	LIGHTING PLAN
E-102	ELECTRICAL DIAGRAM AND SCHEDULES
I-101	IRRIGATION PLAN
△ L-101	PLANTING PLAN
C-701	OVERALL EXHIBIT

UTILITY COMPANY CONTACTS

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

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REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
△	ALL		12/4/08	AS-BUILT RECORD DRAWINGS			
ENGINEERS STAMP & SIGNATURE		APPROVED	ENGINEER	DATE			
DATE: MARCH 2008		PROJECT # 723391			SHEET C-101		

FINAL FOR CONSTRUCTION

West Side City
Recreation Fields

RECORD DRAWINGS

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- 1 FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR WILL SUBMIT A DETAILED CONSTRUCTION SCHEDULE TO THE CITY CONSTRUCTION COORDINATION DIVISION. TWO (2) DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR WILL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO 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, 1994 EDITION, UPDATE NO.6.
- 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 STRIPPING 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 280-1990 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 4000 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.


EXISTING FEATURES LEGEND:

- EXISTING WOOD POST FENCE
- x— EXISTING CHAIN-LINK FENCE
- 2" HPG— EXISTING GAS LINE W/ VALVE
- 6" W— EXISTING WATERLINE W/ VALVE
- EXISTING WATERLINE METER
- EXISTING FIRE HYDRANT
- 6" SAS— EXISTING SANITARY SEWER LINE W/ MANHOLE
- 36" RCP— EXISTING STORM DRAIN
- EXISTING OVERHEAD ELECTRIC W/POLE
- UE— EXISTING UNDERGROUND ELECTRIC
- 11— EXISTING 1' CONTOUR
- 4945— EXISTING 5' CONTOUR
- ||— EXISTING CURB & GUTTER
- ||— EXISTING CONCRETE
- ||— EXISTING BUILDING LINE
- ||— EXISTING EASEMENT LINE
- S— EXISTING SPRINKLER HEAD

△ REDRAWN FOR
RECORD PURPOSES

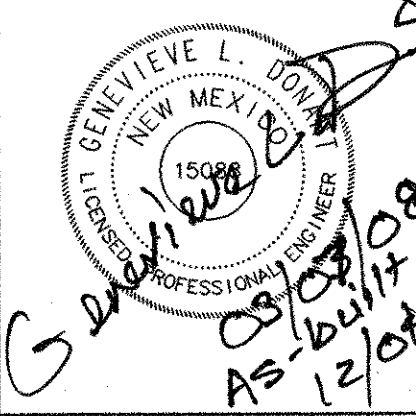
RECORD DRAWINGS

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		CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT Park Design & Construction Division	
TITLE: WESTSIDE CITY Recreation Fields General Notes			
Design Review Committee	City Engineer Approval	DATE: Mo./Day/Yr.	
NA	NA		
PROJECT # 723391		Zone Map: A - 9	SHEET C-102

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION FIELD NOTES		ENGINEER'S SEAL		REVISIONS	
CONTRACTOR	DATE			NO.	BY:	DATE	REMARKS	BY:	DATE
WORK STATED BY	DATE					12/4/08	AS-BUILT RECORD DRAWINGS		
INSPECTOR'S ACCEPTANCE BY	DATE								
FIELD INSPECTION BY	DATE								
REVISIONS CORRECTED BY	DATE								
MICRO-FILM INFORMATION									
RECORDED BY	DATE								

DESIGNED BY: JMM
DRAWN BY: JMM
CHECKED BY: CKF



FINAL FOR CONSTRUCTION

West Side City
Recreation Fields

RECORD DRAWINGS

DRAINAGE CERTIFICATION

I, GENEVIEVE L. DONART, NMPE #15088, OF THE FIRM ISAACSON & ARFMAN, P.A., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 03/07/08 WITH THE FOLLOWING MODIFICATIONS:

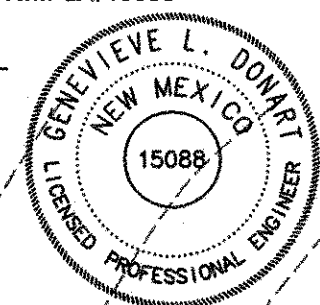
1. THE WESTERLY FIELD IS 0.8' LOWER THAN THE DESIGN GRADE. THIS CHANGE IS ACCEPTABLE, AS IT DOESN'T SIGNIFICANTLY AFFECT THE DRAINAGE PATTERN.
2. THE EASTERLY FIELD IS 0.5' LOWER THAN THE DESIGN GRADE. THIS CHANGE IS ACCEPTABLE, AS IT DOESN'T SIGNIFICANTLY AFFECT THE DRAINAGE PATTERN.
3. THE NORTHERN PORTION OF THE ARROYO BETWEEN THE SOCCER FIELDS AND THE PARKING LOT WAS SHIFTED ABOUT 5' TO THE EAST. THIS CHANGE IS ACCEPTABLE, AS IT ALLOWS MORE BUFFER BETWEEN THE ARROYO AND THE SOCCER FIELDS, AND DOESN'T NEGATIVELY IMPACT THE SITE.
4. EROSION PROTECTION WAS ADDED AT THE SOUTHERLY CORNERS OF THE SOCCER FIELDS DUE TO OBSERVED EROSION DURING CONSTRUCTION.

THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY REX VOGLER, NMPS #10466, OF THE FIRM RIO GRANDE SURVEYING CO., P.C. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 10/06/08 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

GENEVIEVE L. DONART NMPE #15088

DATE



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RECORD PURPOSES

RECORD DRAWINGS

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KEYED NOTES

- SEE SHEET CG-501 FOR GENERAL NOTES AND DRAINAGE DETAILS
1. CONSTRUCT 9 ACRES(±) TURFED AREA (EXTENTS INDICATED BY GRASS HATCHING) AT ELEVATIONS SHOWN. CONSTRUCT CONTINUOUS CONCRETE EDGER AT PERIMETER OF THE TURFED AREA PER C.O.A. STD. DWG. 2725.
 2. EXISTING ARROYO TO BE IMPROVED - SEE SHEET CG-501 AND CALCULATIONS FOR ADDITIONAL INFORMATION
 3. NOT USED
 4. CONSTRUCT 10' WIDE CRUSHER FINE PAVED PATH WITH 2"-4" COBBLES FOR BASE FROM EXISTING BUILDING AT ELEVATIONS SHOWN. NOTE: ELEVATIONS MUST BE ADHERED TO IN ORDER TO PERMIT ARROYO FLOWS TO CONTINUE ALONG HISTORIC PATH. SEE DETAIL SHEET CG-501.
 5. NOT USED
 6. NOT USED
 7. NOT USED
 8. INSTALL 4' HIGH PERIMETER CHAIN LINK FENCE WITH PERMANENT WIND SCREEN AND CONCRETE EDGER PAVEMENT PER COA STD DWGS #2252 AND 2725. VERTICAL POSTS SHALL BE SPACED AT 8' O.C. (TYPICAL). CONTRACTOR SHALL PROVIDE MATERIAL SAMPLE OF WIND SCREEN FOR APPROVAL.
 9. FENCE PASS THROUGH - SEE DETAIL SHEET CG-501.
 10. 12' WIDE MAINTENANCE ACCESS GATES PER C.O.A. STD. DWG. #2252.
 11. 10' WIDE OPENING IN CHAIN LINK FENCE - MAIN ACCESS. INSTALL TWO CONCRETE FILLED BOLLARDS EQ. SPACED WITHIN OPENING. SEE DETAIL SHEET CG-501.
 12. ALL AREAS DISTURBED BY CONSTRUCTION (OUTSIDE PROPOSED TURF AREA) SHALL BE RESEED BY C.O.A. WITH NATIVE GRASS PER C.O.A. SPECS SECTION 1012 (FOR SANDY SOILS) UNLESS OTHERWISE NOTED.
 13. 10'x10' CONCRETE PAD SURROUNDED BY 6' HIGH PERIMETER CHAIN LINK FENCE PER COA STD DWGS #2252 AND #2725. FOR ELECTRICAL ENCLOSURE.
 14. FUTURE 20'x26' PREFAB RESTROOM. CONTRACTOR TO PROVIDE SPECS.
 15. LOCATION & DIMENSION OF FUTURE ACCESS ROAD TO BE DETERMINED WITH FUTURE DESIGN & CONSTRUCTION. NOT PART OF THIS PROJECT.
 16. 4" METAL LANDSCAPE EDGING.

NOTE: 100-YEAR, 6-HOUR STORM FLOW WITHIN EXISTING ARROYO. THIS NOTE INFORMS CLIENT AND OWNER THAT THE CRUSHER FINE PATH WITHIN THE FLOWPATH IS CONSIDERED TO BE 'SACRIFICIAL' AND WILL REQUIRE MAINTENANCE AFTER STORM EVENTS.

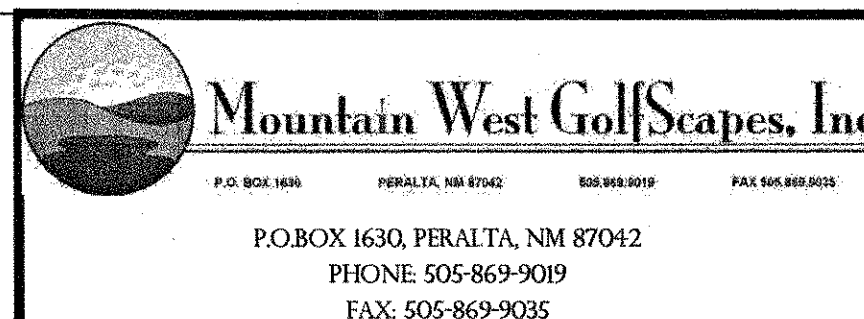
ON 07/26/07, I OR A MEMBER OF MY FIRM UNDER MY SUPERVISION INSPECTED THIS PROPERTY. AT THAT TIME, IT APPEARED THAT NO GRADING, FILLING, OR EXCAVATION HAD OCCURRED THEREON SINCE THE PREPARATION OF THE TOPOGRAPHIC SURVEY USED IN THE PREPARATION OF THIS PLAN.

GENEVIEVE L. DONART NMPE#15088

DATE

GENERAL NOTES

- A. APPROVED MASTER GRADING PLAN FOR "ALBUQUERQUE TVI NORTH WEST SITE", PREPARED BY LARKIN GROUP NM, INC. DATED DECEMBER, 2001, WAS USED AS THE BASIS FOR THIS PLAN.
- B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXISTING CONDITIONS PRIOR TO CONSTRUCTION. REPORT ALL DISCREPANCIES TO THE ARCHITECT AND VERIFY THE ARCHITECT'S INTENT BEFORE PROCEEDING.
- C. ADJUST RIMS OF EXISTING UTILITY FEATURES AS NECESSARY TO MATCH NEW GRADES. TYPICAL CONTRACTOR TO FIELD VERIFY AND PROTECT ALL EXISTING UTILITIES WITHIN AREA TO BE IMPROVED.
- D. FINAL GRADES SHOWN REPRESENT TOP OF FINISH MATERIAL (I.E. TOP OF CONCRETE, TOP OF CONCRETE BUILDING PAD, TOP OF PAVEMENT MATERIAL, TOP OF LANDSCAPING MATERIAL, ETC.). CONTRACTOR SHALL GRADE, COMPACT SUBGRADE AND DETERMINE EARTHWORK ESTIMATES BASED ON ELEVATIONS SHOWN MINUS MATERIAL THICKNESSES.
- E. ARMORING FOR EROSION PROTECTION SHALL CONSIST OF COBBLES (6" AVG. DIA. ANGULAR FACED ROCK) PLACED OVER GEOTEX 50 NON-WOVEN GEOTEXTILE (O.E.).
- F. DESIGN OF FUTURE ROADWAY AND ANY ASSOCIATE INFRASTRUCTURE MUST BE APPROVED BY BCPWD BEFORE CONSTRUCTION.



CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PARK DESIGN AND CONSTRUCTION
TITLE: **WESTSIDE CITY RECREATION FIELDS
GRADING AND DRAINAGE PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
723391	A-9	CG-101	

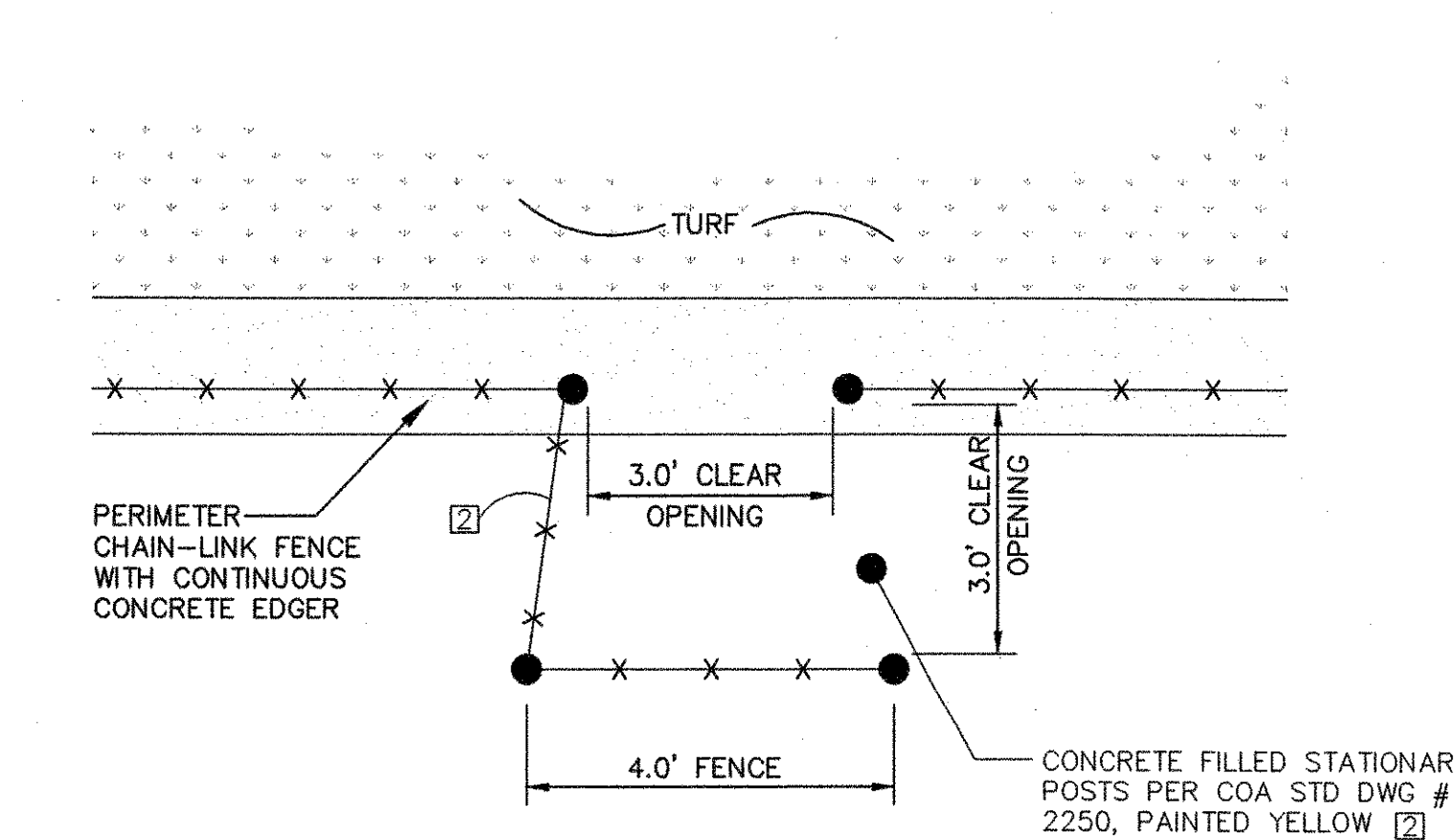
FUTURE RAINBOW RD

CALABACILLAS ARROYO
WEST BRANCH

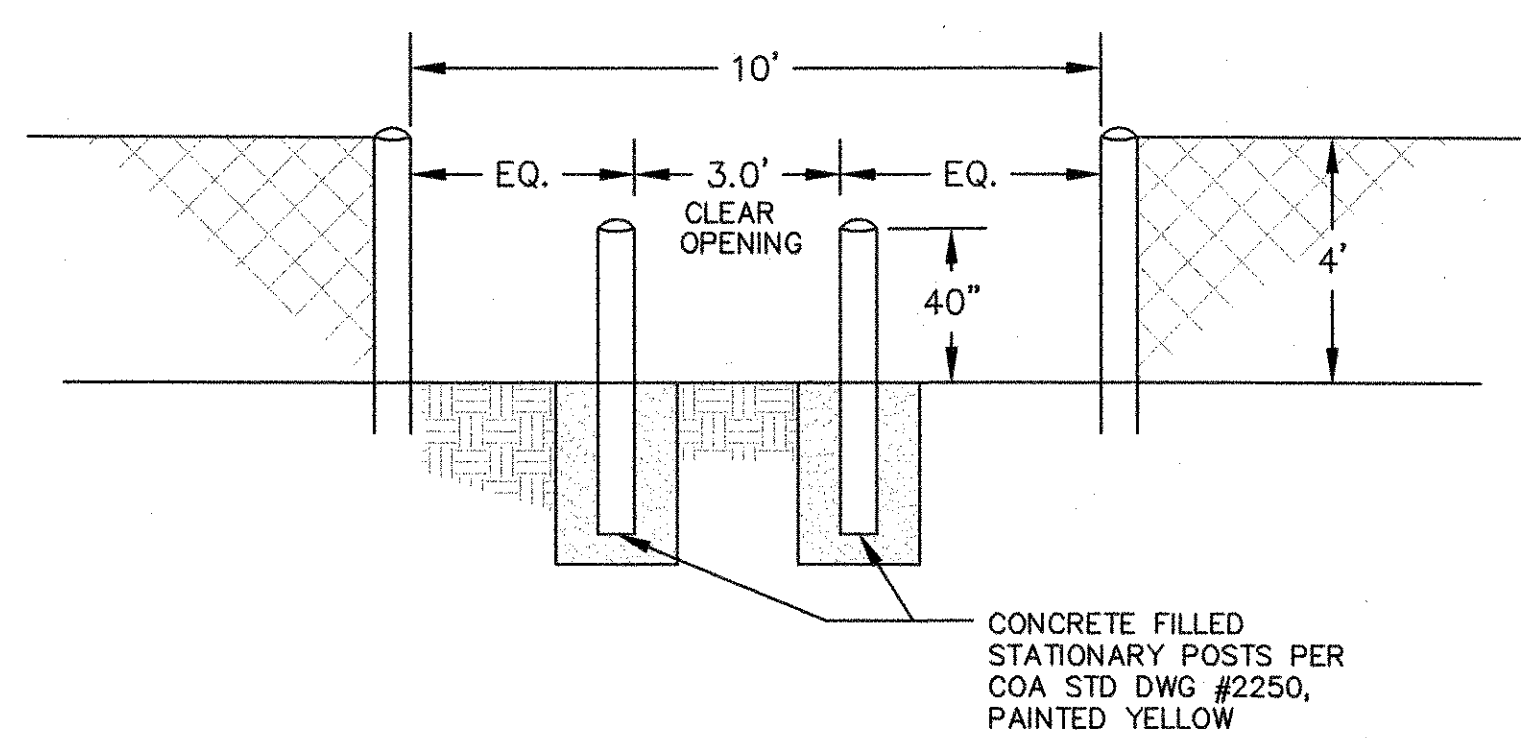
AMAFCA PUBLIC DRAINAGE
EASEMENT FILED 06/04/2002,
BK. A37, PG. 1697
AND /PRUDENT LINE

FLOOD ZONE A

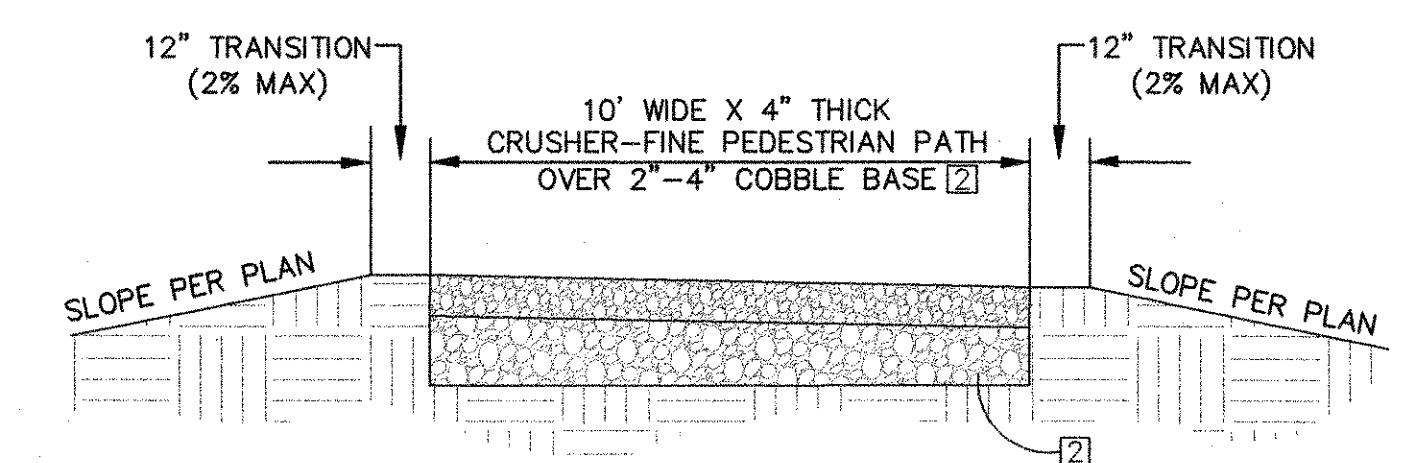
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A3 FENCE PASS-THROUGH N.T.S.



B3 FENCE PASS-THROUGH MAIN ACCESS N.T.S.



C3 CRUSHER-FINE PATH N.T.S.

C3 WATERCOURSE IMPROVEMENTS N.T.S.

REDRAWN FOR
RECORD PURPOSES

RECORD DRAWINGS

THIS RECORD DRAWING HAS BEEN PREPARED, BASED UPON INFORMATION FURNISHED BY THE CONTRACTOR. THE DESIGN PROFESSIONAL HAS NOT INDEPENDENTLY REVIEWED THE ACCURACY OF THE INFORMATION PROVIDED. THESE RECORD DRAWINGS ACCURATELY DEPICT THE FIELD CHANGES WHICH WERE REPORTED BY THE CONTRACTOR.

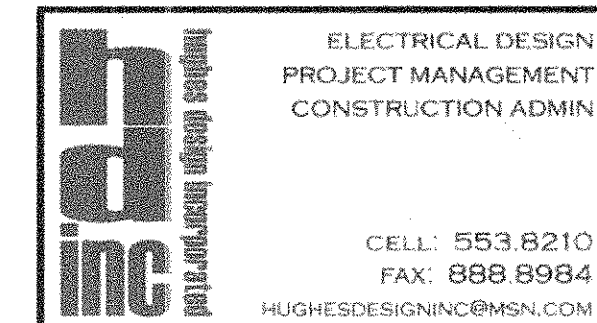
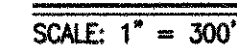
VICINITY MAP A-9		AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		GLD	
CONTRACTOR	DATE	WORK STAGED BY	DATE	FIELD ACCEPTANCE BY	DATE	FIELD INFORMATION	NOTES	SEAL	BY	REMARKS	REVISIONS
NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.	DATE
<p>PROPERTY: THE SITE IS AN UNDEVELOPED PORTION OF THE CNMCC CAMPUS LOCATED WITHIN C.O.A. VICINITY MAP A-9. THE SITE IS BOUND TO THE EAST BY EXISTING CNMCC CAMPUS, TO THE SOUTH BY THE CALLABACILLAS ARROYO, AND TO THE NORTH AND WEST BY UNDEVELOPED PROPERTY.</p> <p>PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE TURFED PLAYING FIELDS WITH ASSOCIATED PEDESTRIAN PATHS AND PERIMETER GRADING.</p> <p>LEGAL: UNPLATTED, PARADISE HILLS, BERNALILLO COUNTY, NM</p> <p>ADDRESS: UNIVERSE BLVD. N.E.</p> <p>BENCHMARK: ACS STATION 1-A10 LOCATED APPROX. 300 FEET SOUTH OF THE BERNALILLO COUNTY LINE AND 0.25 MI. EAST OF THE PLAINS ELECTRIC POWERLINES. THE STATION MARK IS AN ACS BRASS TABLET SET IN CONCRETE AND STAMPED "1-A10 1980" ELEVATION = 5415.16' (M.S.L.D.-1929)</p> <p>TEMPORARY BENCHMARKS: A REBAR WITH CAP MARKED LS 4100 AT THE NORTHEAST CORNER OF THE PROPERTY ELEVATION = 5413.04' (M.S.L.D.-1929)</p> <p>OFF-SITE: SEE CALCULATIONS FOR OFF-SITE DRAINAGE.</p> <p>FLOOD HAZARD: SEE ORIGINAL DRAINAGE REPORT FOR MAIN BUILDING FOR OVERALL CALCULATIONS AND FLOOD HAZARD INFORMATION.</p> <p>EROSION CONTROL: THE CONTRACTOR IS RESPONSIBLE FOR RETAINING ON-SITE ALL SEDIMENT GENERATED DURING CONSTRUCTION BY MEANS OF TEMPORARY EARTH BERMS OR SILT FENCES.</p> <p>DRAINAGE PLAN CONCEPT: THE PROPOSED TURF AREAS WILL BE CONSTRUCTED AT ELEVATIONS SHOWN WITH PERIMETER GRADES ROUTING OFF-SITE FLOW EAST AROUND THE FIELDS TO CONTINUE ALONG HISTORIC FLOWPATHS.</p>											
<p>ISAACSON & ARFMAN, P.A. Consulting Engineering Associates 128 Monroe Street N.E. Albuquerque, New Mexico 87108 Ph. 505-268-8828 Fax. 505-268-2632 1602 CG-101-AS BUILT.dwg 12/4/2008</p>											
<p>Mountain West GolfScapes, Inc. P.O. BOX 1630 PERALTA, NM 87042 PHONE 505-869-9019 FAX: 505-869-9035</p>											
<p>CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT PARK DESIGN AND CONSTRUCTION</p>											
<p>TITLE: WESTSIDE CITY RECREATION FIELDS GRADING AND DRAINAGE DETAILS</p>											
Design Review Committee		City Engineer Approval		Last Design Update		Mo./Day/Yr.		Mo./Day/Yr.		Mo./Day/Yr.	
City Project No.		723391		Zone Map No.		A-9		Sheet		CG-501	

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SCALE: 1" = 50

RECORD DRAWINGS

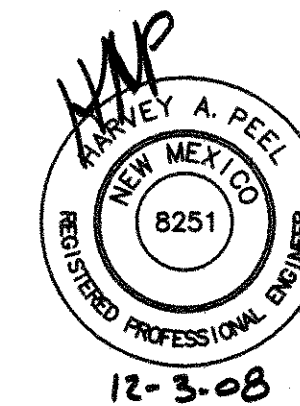
THIS RECORD DRAWING HAS BEEN PREPARED, BASED UPON INFORMATION FURNISHED BY THE CONTRACTOR. THE DESIGN PROFESSIONAL HAS NOT INDEPENDENTLY REVIEWED THE ACCURACY OF THE INFORMATION PROVIDED. THESE RECORD DRAWINGS ACCURATELY DEPICT THE FIELD CHANGES WHICH WERE REPORTED BY THE CONTRACTOR.



City Project No. 723391 799791	Zone Map No. A-9	Sheet E-101
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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 FOR ANY DAMAGE TO OR LOSS OF ANY EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINE 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 PROTECT ANY EXISTING UTILITY 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 THE LINES AND FACILITIES IN PLANNING AND CONDUCTING EXCAVATION, WHETHER BY CALLING OR NOTIFYING THE UTILITIES, COMPLYING WITH "BLUE STAKES" PROCEDURES OR OTHERWISE.

ENGINEER'S SEAL



REVENUE MARKS

4. AC BUILT INFORMATION 11

WORK STAGED BY	DATE
INSPECTOR'S	

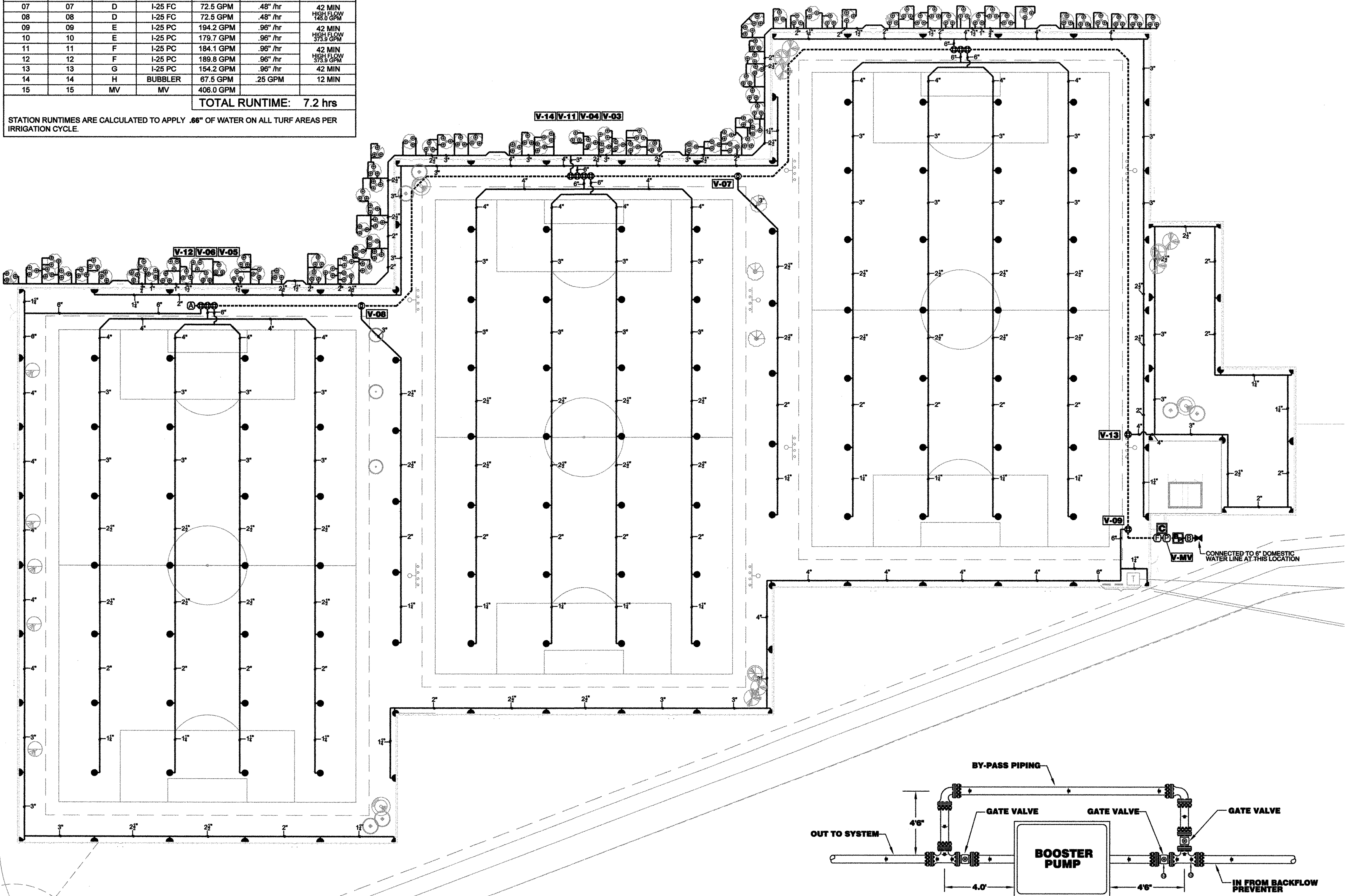
DRAWINGS
CORRECTED BY _____ **DATE** _____

MICRO-FILM INFORMATION	RECORDED BY	DATE
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NO.

VALVE ID	CTRL STA.#	PRO. ID	SPK TYPE	FLOW	PRECIP. RATE	RUNTIME
01	01	A	I-25 FC	203.0 GPM	.48" /hr	84 MIN HIGH FLOW 408.0 GPM
02	02	A	I-25 FC	203.0 GPM	.48" /hr	
03	03	B	I-25 FC	203.0 GPM	.48" /hr	84 MIN HIGH FLOW 408.0 GPM
04	04	B	I-25 FC	203.0 GPM	.48" /hr	
05	05	C	I-25 FC	203.0 GPM	.48" /hr	84 MIN HIGH FLOW 408.0 GPM
06	06	C	I-25 FC	203.0 GPM	.48" /hr	
07	07	D	I-25 FC	72.5 GPM	.48" /hr	42 MIN HIGH FLOW 142.5 GPM
08	08	D	I-25 FC	72.5 GPM	.48" /hr	
09	09	E	I-25 PC	194.2 GPM	.96" /hr	42 MIN HIGH FLOW 378.0 GPM
10	10	E	I-25 PC	179.7 GPM	.96" /hr	
11	11	F	I-25 PC	184.1 GPM	.96" /hr	42 MIN HIGH FLOW 378.0 GPM
12	12	F	I-25 PC	189.8 GPM	.96" /hr	
13	13	G	I-25 PC	154.2 GPM	.96" /hr	42 MIN
14	14	H	BUBBLER	67.5 GPM	.25 GPM	12 MIN
15	15	MV	MV	408.0 GPM		

STATION RUNTIMES ARE CALCULATED TO APPLY .66" OF WATER ON ALL TURF AREAS PER IRRIGATION CYCLE.



- HUNTER #25-36V-18 FULL CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #18 NOZZLE (58" R, 14.5 GPM, .48"/hr @ 50 PSI) NOMINAL SPACING = 55'
- ▲ HUNTER #25-4S-18 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #18 NOZZLE (58" R, 14.5 GPM, .96"/hr @ 50 PSI) NOMINAL SPACING = 55'
- HUNTER #25-4S-20 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #20 NOZZLE (62" R, 17.8 GPM, 1.03"/hr @ 50 PSI) NOMINAL SPACING = 55'
- ▲ HUNTER #25-4S-10 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #10 NOZZLE (51" R, 10.1 GPM, .88"/hr @ 50 PSI) NOMINAL SPACING = 55'
- RAINBIRD 1401 TRICKLE PATTERN BUBBLER
- HUNTER #HBV-301E 3" BRASS ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: 4.0 PSI LOSS @ 200 GPM)
- HUNTER #HBV-201E 2" BRASS ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: 3.2 PSI LOSS @ 100 GPM)
- PUSH-ON IRON BODY GATE VALVE - LINE SIZE
- IRRIGATION SATELLITE CONTROLLER - MOTOROLA IRRINET XM SERIES CONTROLLER INSTALLED IN AN INTERSPEC CABINET, REMOTE READY WITH COCA COMMUNICATION RADIO AND STATION SWITCHES (16 CHANNEL OUTPUT) - CITY OF LOS ANGELES TO PROVIDE LAPTOP COMPUTER FOR MONITORING PURPOSES (CONTRACTOR TO PROVIDE ELECTRICAL POWER TO CONTROLLER)
- BOOSTER PUMP: RAINBIRD #VC11500230 30psi, 400gpm, VARIABLE FREQUENCY DRIVE BOOSTER PUMP ENCLOSED IN POWDER COATED STEEL ENCLOSURE WITH HEATER - 230 VOLT / 3-PHASE
- BACKFLOW PREVENTER - FEBCO #880U-6 6" REDUCED PRESSURE BACKFLOW PREVENTER WITH 1500 WATT HEATER FOR HEATED INSULATED FIBERGLASS ENCLOSURE WITH 1500 WATT HEATER (CONTRACTOR TO PROVIDE ELECTRICAL POWER FOR HEATER)
- MASTER VALVE - CLA-VAL #136-01 4" FULL PORT 125# SHUT-GLOBE CONFIGURATION, NORMALLY CLOSED, SOLENOID FLANGED-OFF VALVE. THE VALVE SHALL HAVE #2X44 FLOW CLEAN STRAINER WITH #K12 ISOLATION VALVE ELECTRICAL LIMIT SWITCH AND #K141 GAUGE ASSEMBLY WITH 1-100psi GAUGES ON BOTH UPSTREAM AND DOWNSTREAM VALVE POSIS AND #2X44 FLOW CLEAN STRAINER WITH #K12 ISOLATION VALVE COCKS INSTALLED ON THE PILOT CONTROL TUBING VALVE PORTS
- FLOW METER - MASTER METER #WT-4 4" EPOXY COATED, CAST IRON, FIBERGLASS FLOW METER WITH ELECTRICAL OUTPUT REGISTER (1 PULSE = 10 GALLONS) (<1.4 PSI LOSS @ 400 GPM)
- CRISPEN #UL10 1" UNIVERSAL AIR RELEASE VALVE ASSEMBLY
- MAINLINE PIPING - 6" CLASS 200 PVC GASKET END PIPE
- LATERAL PIPING - SCH 40 PVC SOLVENT WELD FOR PIPE 1.25" - 2.5". CLASS 200 PVC GASKET END FOR SIZES 3" AND LARGER (PIPE SIZE INDICATED ON DRAWING - UNSIZED PIPE IS 1 1/4")

WATER PRESSURE:
THE WATER VOLUME PRESSURE AT THIS SITE HAS BEEN MEASURED BY THE CONTRACTOR AND IS REPORTED TO BE 80.0 PSI. THERE IS NO INFORMATION AVAILABLE FROM THE CITY OF ALBUQUERQUE REGARDING THE WATER PRESSURE BECAUSE OF THE FRICTION LOSSES AND ELEVATION DIFFERENCES ASSOCIATED WITH THIS SITE. A BOOSTER PUMP IS REQUIRED TO PROVIDE AN ACCEPTABLE SPRINKLER DISCHARGE PRESSURE.

BOOSTER PUMP:
THE IRRIGATION SYSTEM REQUIRES A BOOSTER PUMP. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING 230 VOLT, 1/3-PHASE ELECTRICAL POWER WITH A 100 AMP SERVICE.

SWING JOINTS:
THE CONTRACTOR SHALL USE LASCOD #G172-218 OR SPEARS #5806-01018 LONG SPINNIER FIT, 1" MIPT, OUTLET, STANDARD UNIFIED SWING JOINT WITH 18" LAY LENGTH FLOW FULL SPRINKLERS.

SPRINKLER STAKING:
THE SPRINKLER LOCATIONS SHALL BE PRECISELY LOCATED BY THE USE OF SURVEY GRADE GPS EQUIPMENT OR CONVENTIONAL SURVEY METHODS. THE FINAL STAKED SPRINKLER LOCATIONS SHALL BE BASED ON AS-BUILT SURVEY DATA. THE IRRIGATION CONSULTANT SHALL SURVEY AND STAKE THE LOCATIONS OF THE ROTARY SPRINKLERS. THE COSTS OF THESE SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
OR
THE CONTRACTOR SHALL HIRE HIS OWN SURVEY FIRM TO PROVIDE AS-BUILT SURVEY DATA. THE HARDSCAPE AREAS SURROUNDING THE TURF AREAS IN DIGITAL AUTOCAD FORMAT. THE DATA SHALL THEN BE FORWARDED TO THE IRRIGATION CONSULTANT, WHO WILL ADJUST SPRINKLER LOCATIONS TO ACCOMMODATE THIS DATA. THE IRRIGATION CONSULTANT SHALL PROVIDE THE COORDINATE DATA OF EACH SPRINKLER LOCATION TO THE CONTRACTOR'S SURVEY FIRM TO FIELD LOCATE. THE COSTS OF THESE SERVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

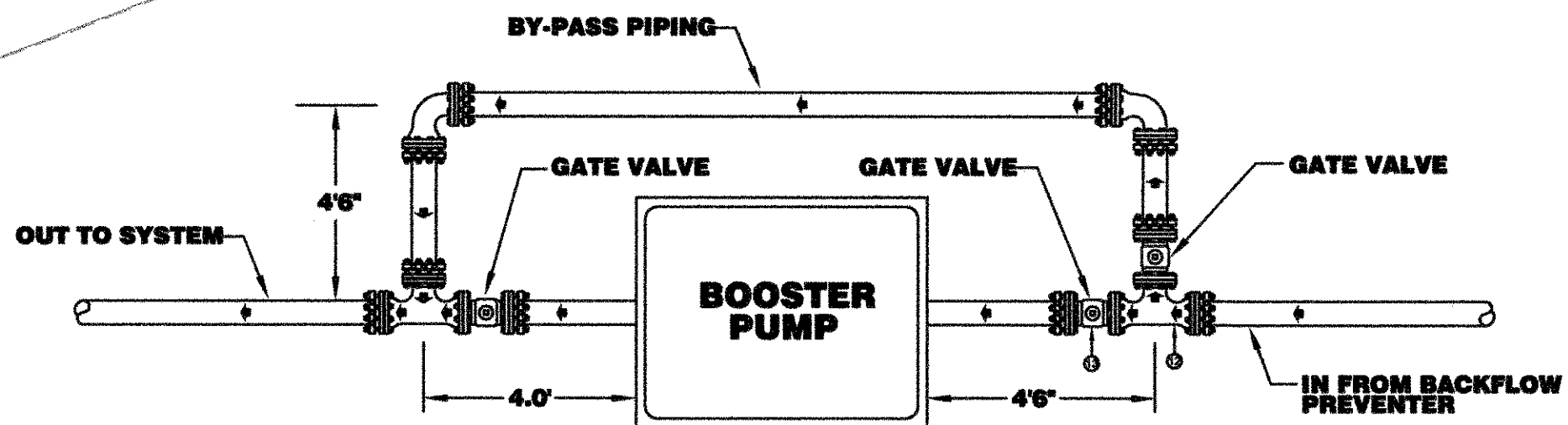
SPECIFICATIONS AND DETAIL DRAWINGS:
THE CONTRACTOR SHALL REFER TO THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS AND DETAIL DRAWINGS FOR IRRIGATION CONSTRUCTION. IN THE EVENT OF A CONFLICT BETWEEN SPECIFICATIONS AND IRRIGATION DESIGN, THE CONTRACTOR SHALL NOTIFY THE PROJECT MANAGER IN WRITING. THE PROJECT MANAGER WILL NOT PROCEED WITH INSTALLATION OF CONFLICTING IRRIGATION COMPONENTS UNTIL HE RECEIVES CLARIFICATION IN WRITING FROM THE PROJECT MANAGER.

SPRINKLER NOZZLES:
THE CONTRACTOR SHALL ADJUST THE THROWING RADIUS OF ALL PERTINENT SPRINKLER NOZZLES SO AS TO MINIMIZE OVERSPRAY INTO HARDSCAPE OR OTHER UNINTENDED AREAS. THE CONTRACTOR SHALL ALSO INCLUDE IN HIS BID OR PRICING, AN ALLOWANCE FOR ANY SPRINKLER NOZZLE CHANGES THAT ARE REQUIRED TO CORRECT LANDSCAPE ADAPTATION OR IRRIGATION CONSULTANT TO CORRECT ISSUES OF OVERSPRAY, UNDERSPRAY OR DISTRIBUTION UNIFORMITY.

MAINLINE FITTINGS:
THE CONTRACTOR SHALL USE TWO (2) 45 DEGREE ELBOWS FOR EACH 90 DEGREE MAINLINE BEND AS PER CITY OF ALBUQUERQUE'S REQUEST.

IRRIGATION SYSTEM AS-BUILT RECORDS:
THE CONTRACTOR SHALL PROVIDE THE CITY OF ALBUQUERQUE WITH A HARD COPY OF DIGITAL COPIES (THREE DISCS) OF THE AS-BUILT IRRIGATION SYSTEM RECORDS.

CONTROLLER ORIENTATION:
THE CONTRACTOR SHALL ENSURE CONTROLLER IS LOCATED SO THAT ONCE OPENED, STAFF HAS VISUAL ACCESS TO THE MAJORITY OF RECREATION TURF.



SCALE: 1" = 40'

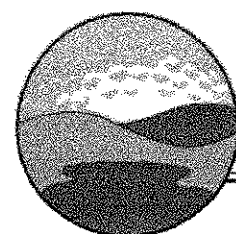
THIS BAR IS ONE INCH LONG ON ORIGINAL PLANS
ADJUST SCALE ACCORDINGLY FOR THIS SHEET

REDRAWN FOR
RECORD PURPOSES

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IRRIGATION SYSTEM AS-BUILT RECORDS JULY 2, 2008



Mountain West GolfScapes, Inc.



IRRIGATION DESIGNERS & CONSULTANTS
44 GOOD DRIVE BELEN, NM 87001
PHONE: (505) 861-1536
FAX: (505) 864-3212
EMAIL: irrservices@aol.com

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

TITLE: WESTSIDE CITY RECREATION FIELDS

IRRIGATION SYSTEM AS-BUILT RECORDS

12-02-08

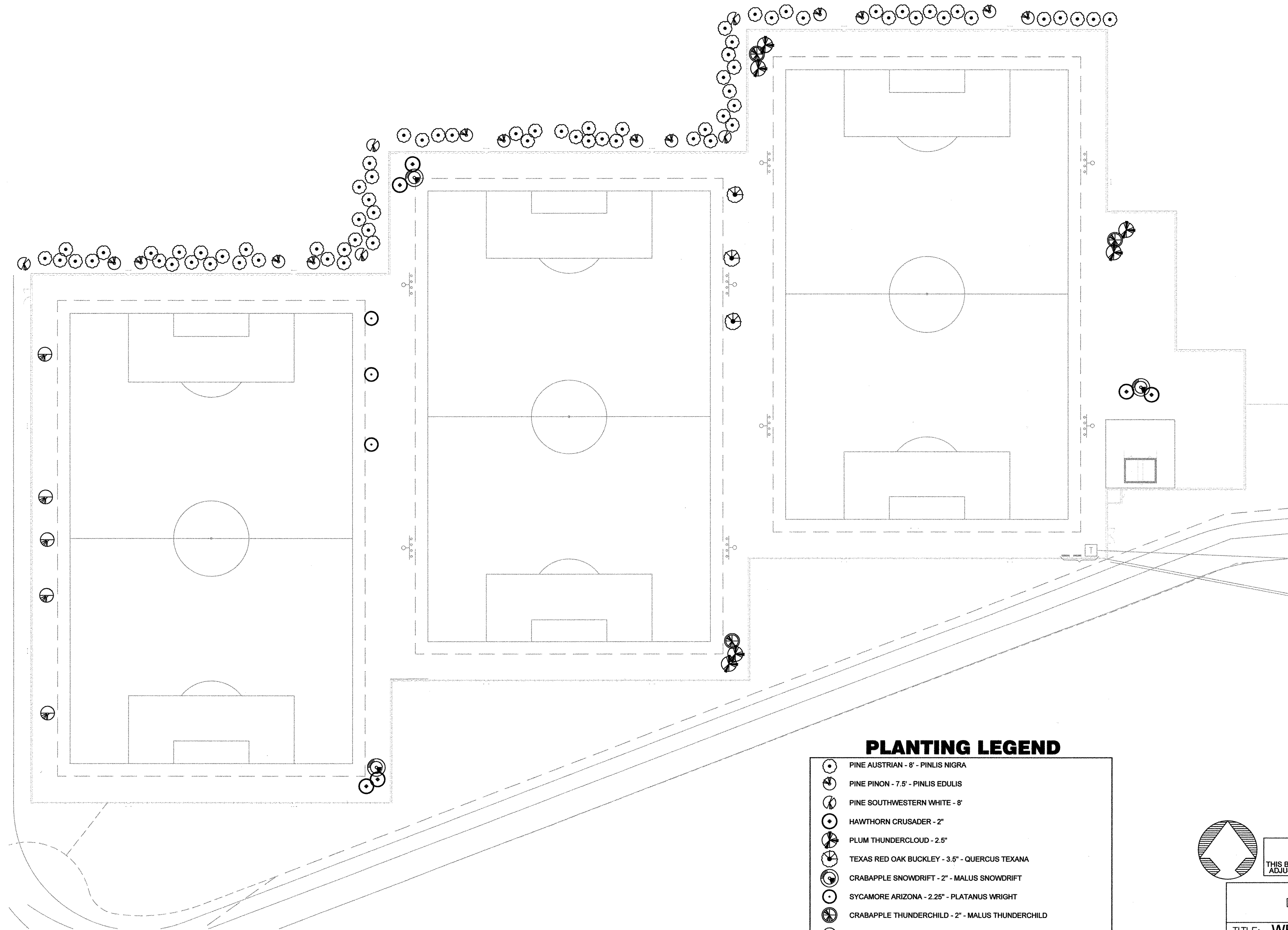
Design Review Committee	City Engineer Approval
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07/02/08	
12/02/08	

City Project No.
723391

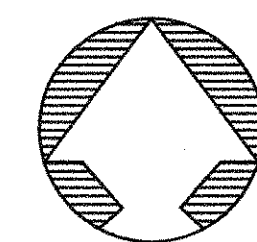
Zone Map No.
A-9

I-101



PLANTING LEGEND

- PINE AUSTRIAN - 8' - PINLIS NIGRA
- PINE PINON - 7.5' - PINLIS EDULIS
- PINE SOUTHWESTERN WHITE - 8'
- HAWTHORN CRUSADER - 2"
- PLUM THUNDERCLOUD - 2.5"
- TEXAS RED OAK BUCKLEY - 3.5" - QUERCUS TEXANA
- CRABAPPLE SNOWDRIFT - 2" - MALUS SNOWDRIFT
- SYCAMORE ARIZONA - 2.25" - PLATANUS WRIGHT
- CRABAPPLE THUNDERCHILD - 2" - MALUS THUNDERCHILD
- HONEY LOCUST - 3"



SCALE: 1" = 40'
THIS BAR IS ONE INCH LONG ON ORIGINAL PLANS
ADJUST SCALE ACCORDINGLY FOR THIS SHEET

**TREE PLANTING
AS-BUILT RECORDS
JULY 2, 2008**

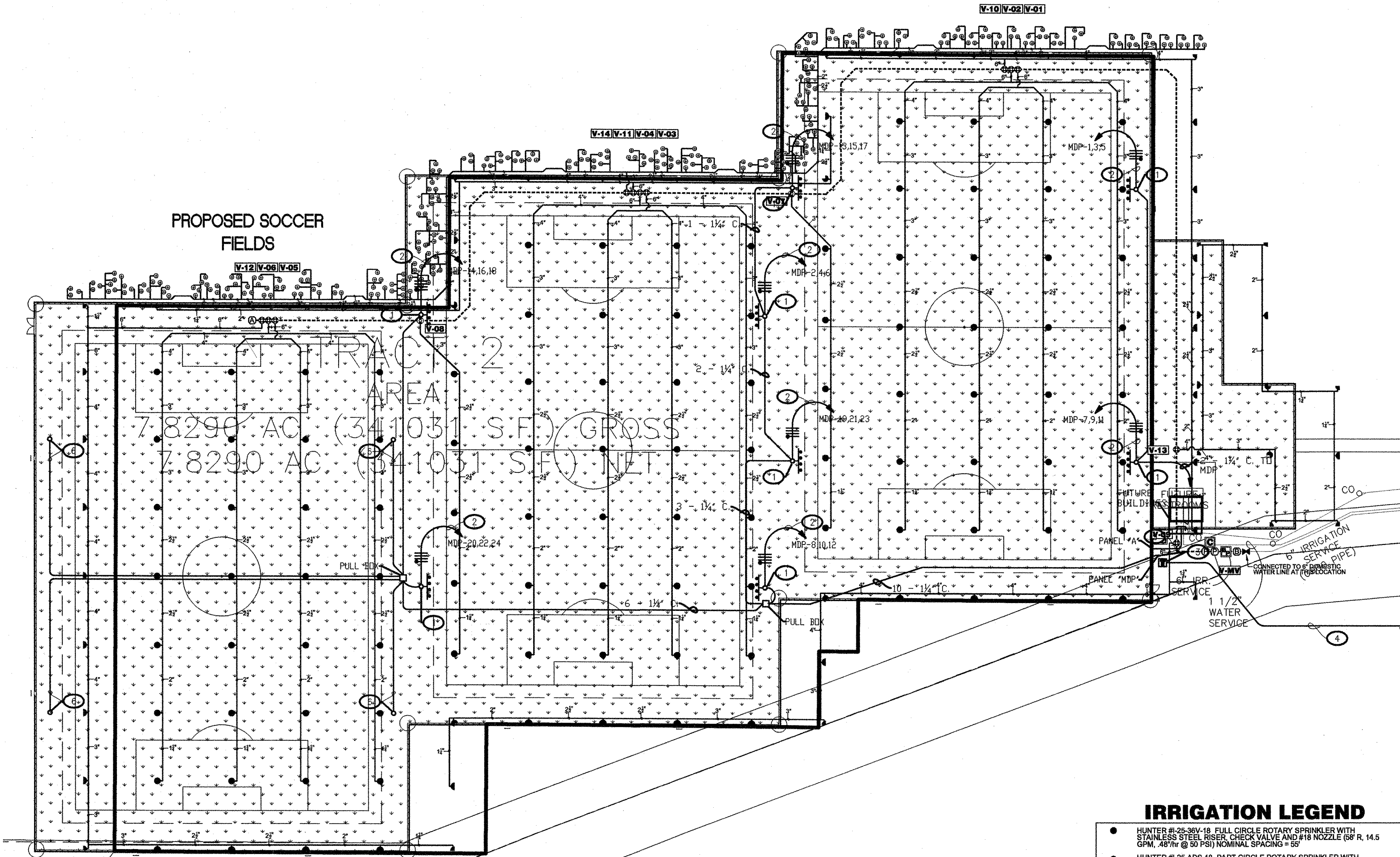
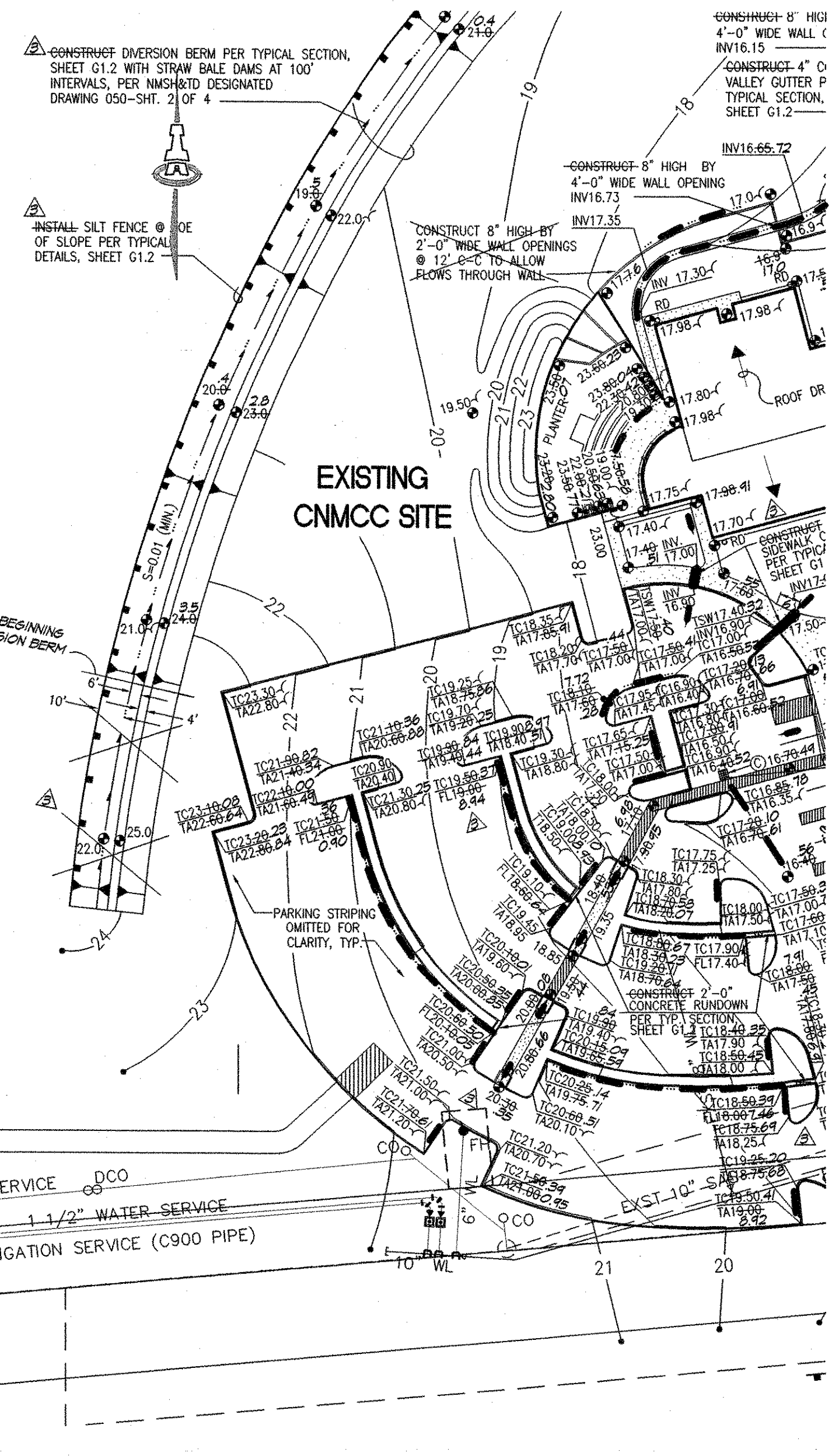
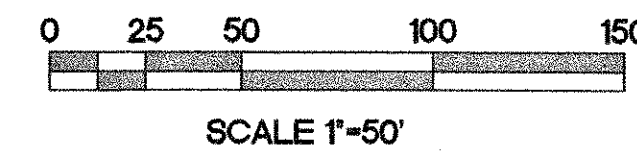
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT			
TITLE: WESTSIDE CITY RECREATION FIELDS			
PLANTING AS-BUILT RECORDS 12-02-08			
Design	Review	Committee	City Engineer Approval
Last Design Update		Mo./Day/Yr.	Mo./Day/Yr.
		07/02/08	
		12/02/08	
City Project No.		Zone Map No.	
723391		A-9	L-101

NO.	DATE	REVISIONS / REMARKS	BY	SEAL	SURVEY INFORMATION		BENCHMARK	AS BUILT INFORMATION		
					FIELD NOTES			CONTRACTOR:	CITY OF ALBUQUERQUE	
					NO.	BY		WORK STAKED BY:		
									INSPECTOR'S APPROVAL:	
									FIELD VERIFICATION BY:	
									DRAWING CORRECTED BY: IS, LLC	12/08
									MICRO-FILM INFORMATION	
DESIGNED BY:								RECORDED BY		
DRAWN BY:										
CHECKED BY:								NO.		

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NOTE:
FOR INFORMATION ONLY.
LIGHTING AND IRRIGATION
INFORMATION PROVIDED BY OTHERS.

IRRIGATION LEGEND

- ① HUNTER H-25-35V-18 FULL CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #11 NOZZLE (ØR 14.5 GPM, 96' @ 50 PSI) NOMINAL SPACING = 55'
 - ① HUNTER H-25-AD5-10 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #11 NOZZLE (ØR 14.5 GPM, 96' @ 50 PSI) NOMINAL SPACING = 55'
 - ① HUNTER H-25-AD5-20 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #11 NOZZLE (ØR 17.8 GPM, 1,037' @ 50 PSI) NOMINAL SPACING = 100'
 - ① HUNTER H-25-AD5-10 PART CIRCLE ROTARY SPRINKLER WITH STAINLESS STEEL RISER, CHECK VALVE AND #11 NOZZLE (ØR 17.1 GPM, 96' @ 50 PSI) NOMINAL SPACING = 55'
 - ① HUNTER #HBW-301E 3" BRASS ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: 4.0 PSI LOSS @ 200 GPM)
 - ① HUNTER #HBW-201E 2" BRASS ELECTRIC VALVE WITH FLOW CONTROL (VALVE PERFORMANCE: 3.2 PSI LOSS @ 200 GPM)
 - ① PUSH-ON IRON BODY GATE VALVE - LINE SIZE
 - ① IRRIGATION SATELLITE CONTROLLER- MAJOR IRRIGATOR (IRINET X8 SERIES) CONTROLLER INSTALLED AND W/IRISPEC CABINET. REMOTE READY WITH COAX COMMUNICATION RADIO AND MANUAL SWITCHES (10 STATION OUTPUT) - 120 VOLT AC. 120 VOLT TO PROVIDE LATCH COMPUTER FOR PROGRAMMING PURPOSES (CONTRACTOR TO PROVIDE ELECTRICAL POWER FOR CONTROLLER)
 - ① BOOSTER PUMP- RAINBOW #W11502230 30gpm, 400gpm, VARIABLE FREQUENCY DRIVE BOOSTER PUMP ENCLOSED IN POWDER COATED STEEL ENCLOSURE WITH HEATER - 230 VOLT 1-PHASE
 - ① BACKFLOW PREVENTER- FIBCO #88080-6 6" BRASS PRESSURE BACKFLOW PREVENTER (NPT) WITH 1" HOTBOX #88IFSM INSULATED PREVENTER GLASS ENCLOSURE WITH 1600 WATT HEATER (CONTRACTOR TO PROVIDE ELECTRICAL POWER FOR HEATER)
 - ① MASTER VALVE- CIALVAL #136-01 4" FLOW PART 125# FLANGED GLOBE CONFIGURATION, NUTLINE SELECT, SOLENOID SHUT-OFF VALVE, THEE END 12" BALL VALVE, 12" BALL VALVE, 12" BALL VALVE ASSEMBLY WITH THE ELECTRICAL LINE SWITCH AND #X141 GASKET ASSEMBLY WITH 12" HOUSINGS ON BOTH TOP AND BOTTOM AND DOWN END WITH 12" FLOW END AND #X464 GASKET ASSEMBLY WITH 12" HOUSING AND #X22 ASSEMBLY COCKS INSTALLED ON THE PILOT CONTROL TUBING VALVE PORTS
 - ① FLOW METER- MASTER METER #W17-4 EPXY COATED, CAST IRON TURBINE FLOW METER WITH ELECTRICAL OUTPUT REGISTER (1 PULSE = 10 GALLONS) (<1.4 PSI LOSS @ 400 GPM)
 - ① CRISPEN HULP-1 UNIVERSAL AIR RELEASE VALVE ASSEMBLY
- MAINLINE PIPING - 6" CLASS 200 PVC GASKET END PIPE
- LATERAL PIPING - SCH 40 PVC SOLVENT WELD 1 1/2" 25' ±, 2" CLASS 200 PVC GASKET END PIPE, 1 1/2" CLASS 200 PVC GASKET END PIPE INDICATED ON DRAWING - UN-SIZED PIPE IS 1 1/4"

CIVIL LEGEND

- | | |
|---|---|
|  | SINGLE WATER METER &
GATE VALVE W/ VALVE |
|  | FIRE HYDRANT |
|  | SAS MANHOLE |
|  | WATER LINE W/ FITTING |

ISAACSON & ARFMAN, P.A.
Consulting Engineering Associates

128 Monroe Street N.E.

Albuquerque, New Mexico 87108

Ph. 505-268-8828 Fax. 505-268-2632

1602 CU=701=OVERALL UTIL=AS 8047.030
1602 CU=701=OVERALL UTIL=AS 8047.030



Mountain West GolfScapes, Inc.

P.O. BOX 1836 PERALTA, NM 87042 505.855.9316 FAX 505.855.3035

ROBOY 1630 PERALTA NM 87042

PHONE: 505-869-9019

FAX: 505-869-9035

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PARK DESIGN AND CONSTRUCTION

TITLE: WESTSIDE CITY RECREATION FIELDS
OVERALL EXHIBIT

Design Review Committee	City Engineer Approval	Date	Mo./Day/Yr.	Mo./Day/Yr.

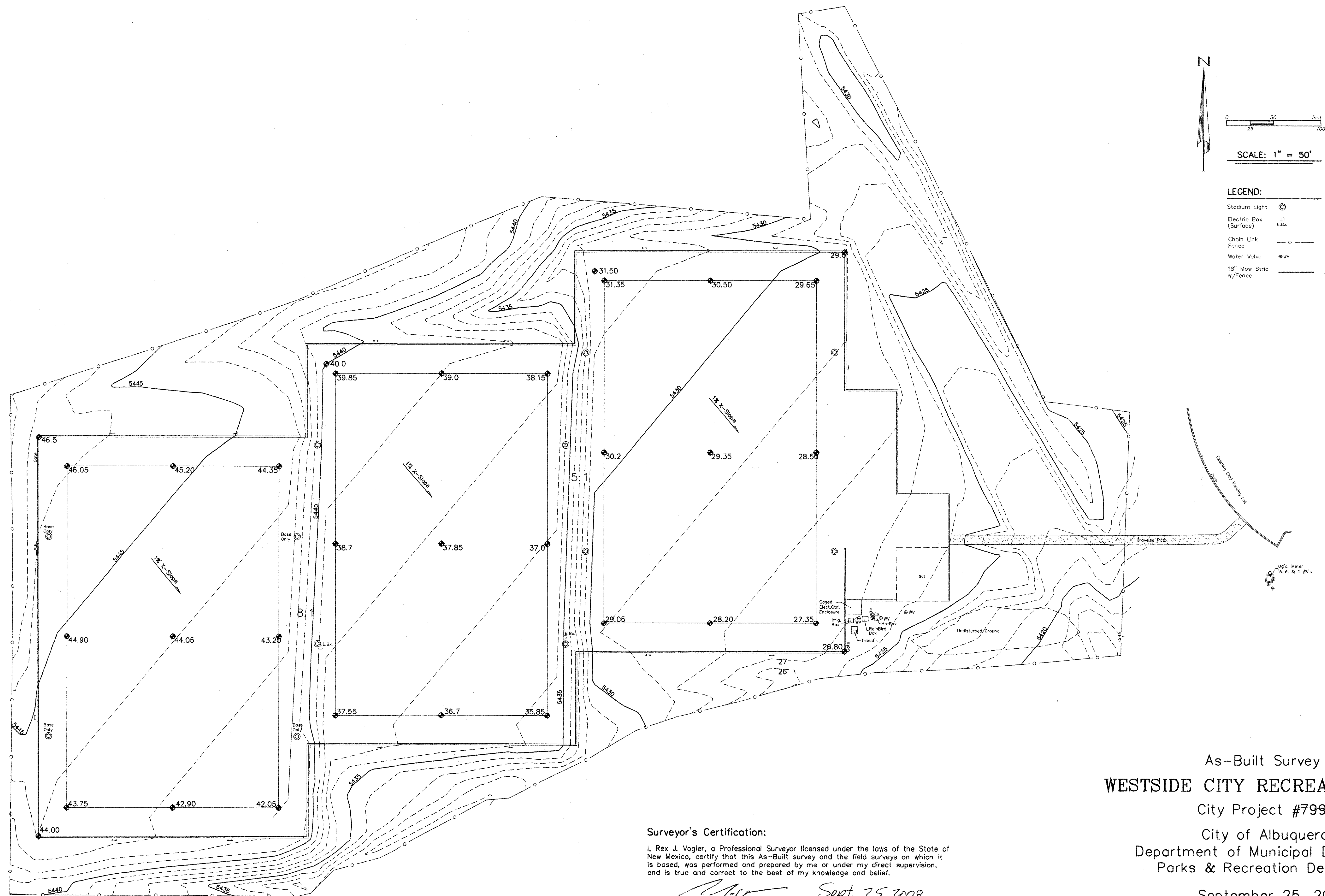
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City Project No.	Zone Map No.	Sheet	Of
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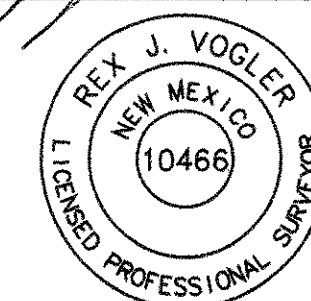
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Surveyor's Certification:

I, Rex J. Vogler, a Professional Surveyor licensed under the laws of the State of New Mexico, certify that this As-Built survey and the field surveys on which it is based, was performed and prepared by me or under my direct supervision, and is true and correct to the best of my knowledge and belief.

Rex J. Vogler
NM PS No. 10466
Date Sept. 25, 2008



As-Built Survey of
WESTSIDE CITY RECREATION FIELDS
City Project #799791 7233.91
City of Albuquerque
Department of Municipal Development
Parks & Recreation Department
September 25, 2008

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