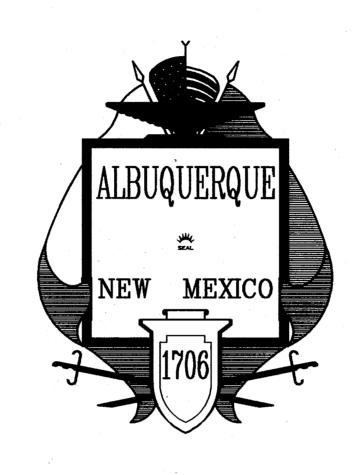
SOFTBALL FIELDS LIGHTING RENOVATIONS



INDEX OF DRAWINGS

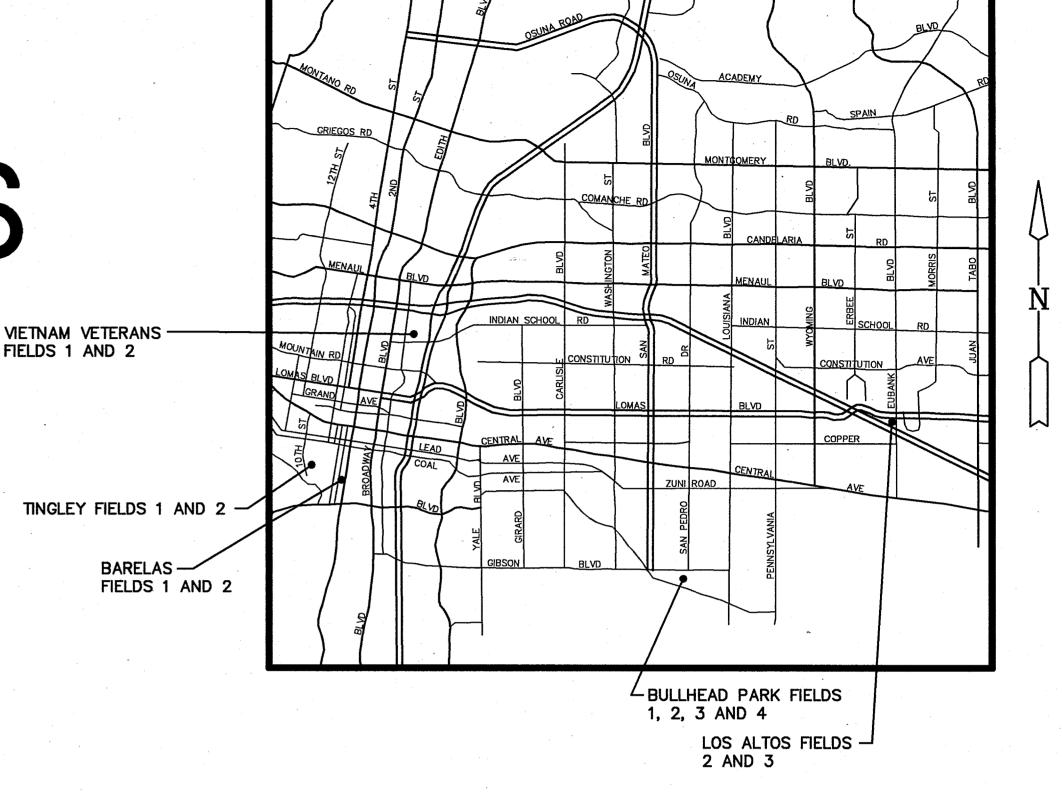
SHEET NO.	DESCRIPTION
G1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11	TITLE SHEET, LOCATION MAP AND INDEX OF DRAWINGS LOS ALTOS FIELDS 2 AND 3 BULLHEAD PARK FIELDS 1 AND 2 BULLHEAD PARK FIELDS 3 AND 4 TINGLEY FIELD 1 TINGLEY FIELD 2 VIETNAM VETERANS FIELDS 1 AND 2 (ADDITIVE ALTERNATE NO 2) BARELAS FIELDS 1 AND 2 (ADDITIVE ALTERNATE NO 3) DETAILS DETAILS, LEGEND AND EQUIPMENT LIST DETAILS SCHEDULES

NOTE: ADDITIVE ALTERNATE NO 1 IS FENCE RELOCATION AT LOS ALTOS FIELD 2. REFERENCED ON SHEET E1.

PROJECT NOTES

- A WORK UNDER THIS CONTRACT SHALL, EXCEPT AS OTHERWISE NOTED, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION LATEST EDITION (REFERRED TO AS THE <u>STANDARD SPECIFICATIONS</u>) WITH LATEST UPDATES.
- B THE PROJECT LOCATIONS WILL NOT BE UTILIZED BY THE OWNER FROM NOVEMBER 16, 1994 THRU FEBRUARY 28, 1995. THE CONTRACTOR WILL HAVE ACCESS TO EACH PROJECT LOCATION AT ALL TIMES DURING THIS PERIOD OF TIME. PRIOR TO NOVEMBER 16, 1994 AND AFTER FEBRUARY 28, 1995, THE OWNER WILL OCCUPY THE PROJECT LOCATIONS AFTER 4:30 PM EACH DAY. INSURE THAT SOFTBALL FIELD LIGHTING SYSTEMS ARE OPERATIONAL AT EACH PROJECT LOCATION FOR THE OWNER'S USE PRIOR TO NOVEMBER 16, 1994 AND AFTER FEBRUARY 28, 1995.
- C PUBLIC SERVICE COMPANY OF NEW MEXICO REPRESENATIVE FOR THIS PROJECT: JIM VANN
 ALVARADO SQUARE/MS-0270
 ALBUQUERQUE, NEW MEXICO 87518

(505) 761-3426



LOCATION MAP

APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER

LUSSELL S. July
DATE 9-8-95

RECORD DRAWING

Date AUG 9 5

These drawings have been revised based on the construction records of the owner While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof

CODE DESIGN DATA

Occupancy Group _____

	Type of Construct	ion
	Area of Each Floo	r
-	Basement	NA .
	Main Floor	NA .
	Occupant Load	
	Seismic Zone	2B
	Soil Bearing Capac	eity <u>2500 psf (AT 10'-0" D</u> EPTH)
	Concrete Strength	4000 psi
	Stress Values:	
	Lumber NA	Steel 55 ksi YIELD
	Wind Design Load	(UNLESS OTHERWIS
	Roof Design Load	NA
	Floor Design Load	
	Concrete	NA
	Cratina	NΔ

1/93038.11ED2/S0FTCVR/10-17-94/PC

APPROVED FOR

REV SHEET CITY ENGINEER DATE USER DEPT. DATE USER DEPT. DATE

APPROVAL OF REVISIONS



CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES DEPARTMENT
DESIGN & DEVELOPMENT DIVISION

NC.

LEEDSHILL—HERKENHOFF, INC.
Copper Square, 500 Copper Ave. N.W.
P.O. Box 1217
Albuquerque, New Mexico 87103
(505) 247–0294

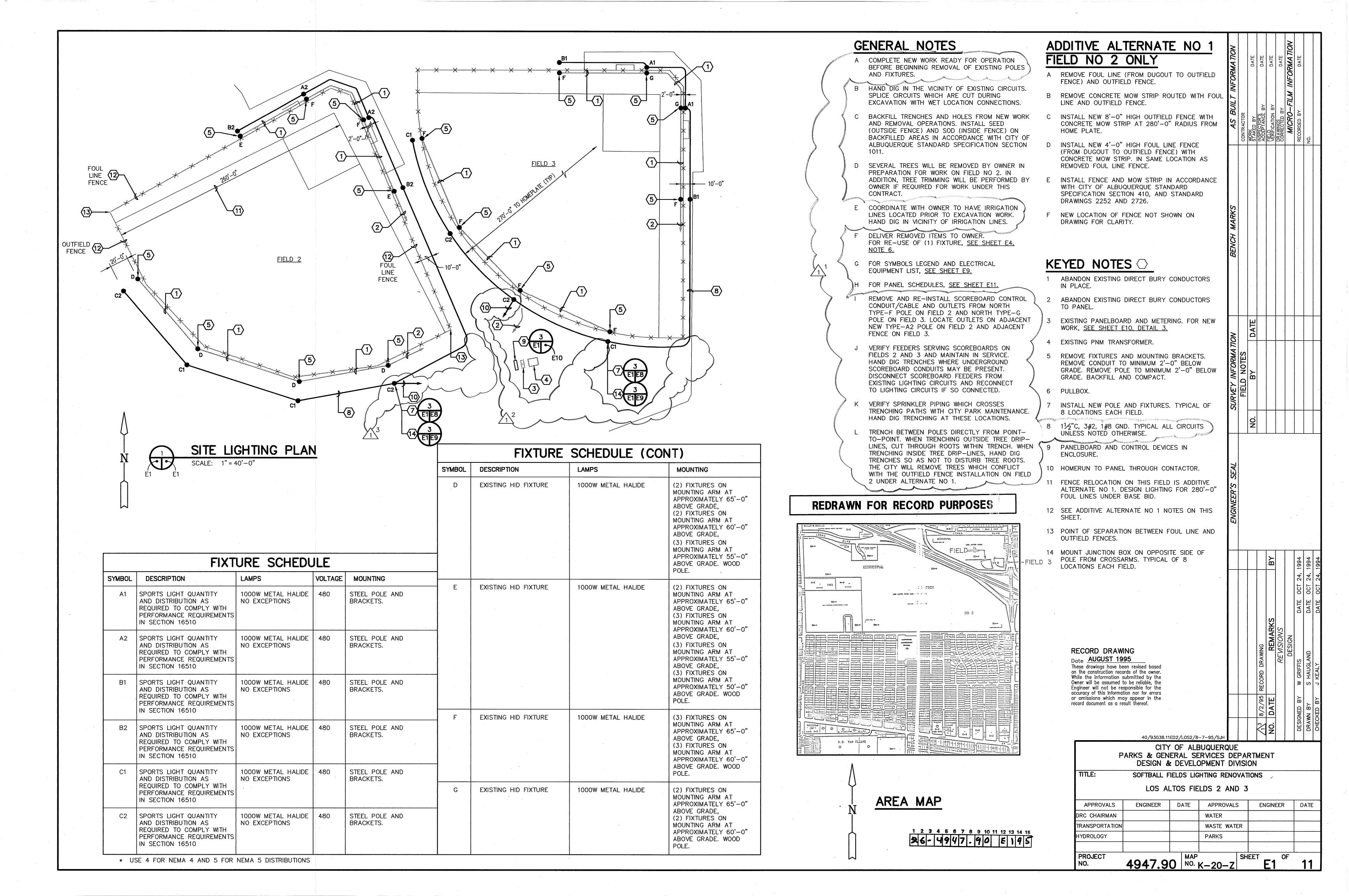
PROJECT

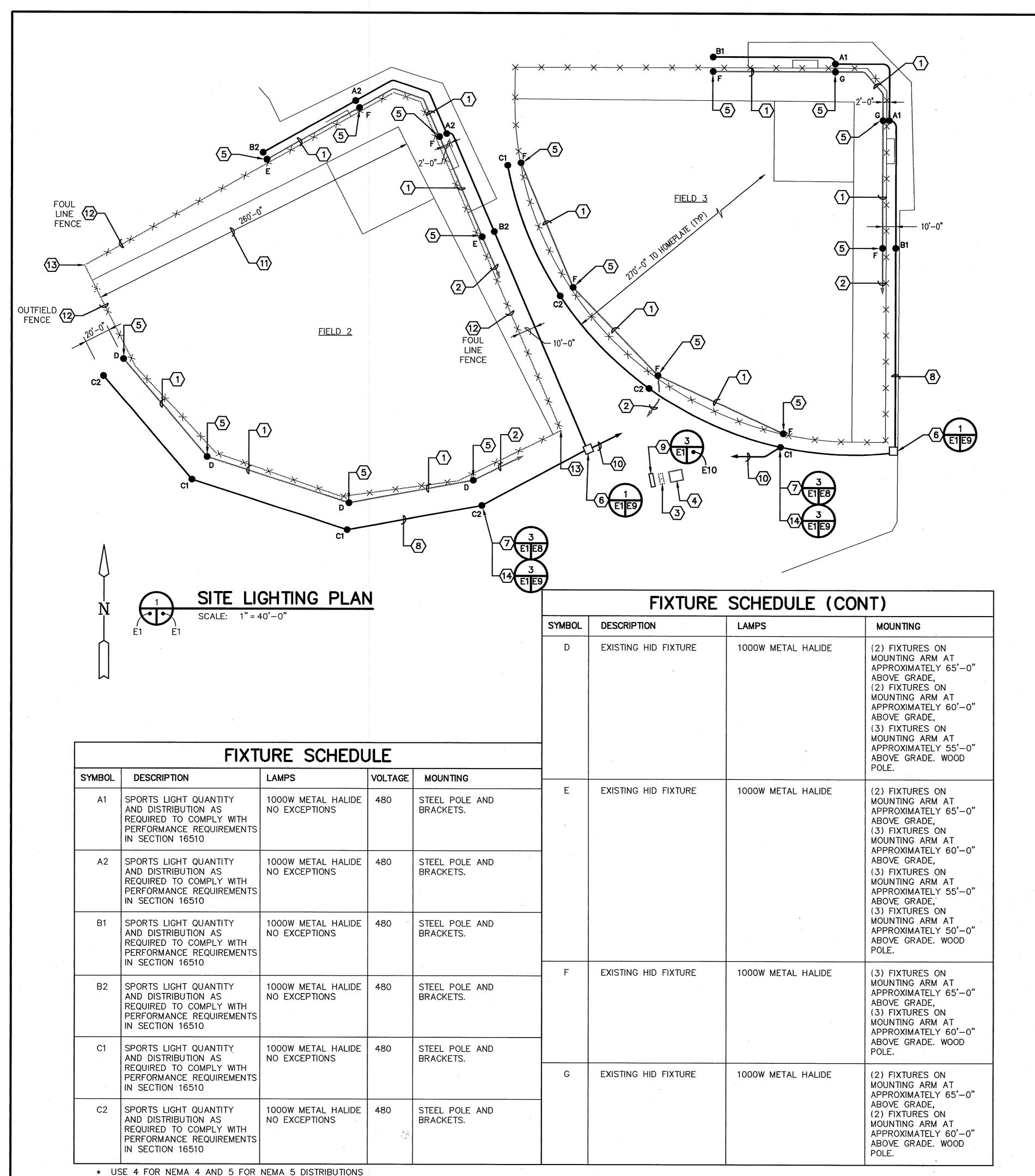
4947.90

70/14/94 C.
SHEET OF

G1 1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 26-4947-90 6195





GENERAL NOTES

- COMPLETE NEW WORK READY FOR OPERATION BEFORE TO BEGINING REMOVAL OF EXISTING POLES AND FIXTURES.
- HAND DIG IN THE VICINITY OF EXISTING CIRCUITS. SPLICE CIRCUITS WHICH ARE CUT DURING EXCAVATION WITH WET LOCATION CONNECTIONS.
- BACKFILL TRENCHES AND HOLES FROM NEW WORK AND REMOVAL OPERATIONS. INSTALL SEED (OUTSIDE FENCE) AND SOD (INSIDE FENCE) ON BACKFILLED AREAS IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATION SECTION
- D SEVERAL TREES WILL BE REMOVED BY OWNER IN PREPARATION FOR WORK ON FIELD NO 2. IN ADDITION, TREE TRIMMING WILL BE PERFORMED BY OWNER IF REQUIRED FOR WORK UNDER THIS CONTRACT:
- COORDINATE WITH OWNER TO HAVE IRRIGATION LINES LOCATED BEFORE TO EXCAVATION WORK. HAND DIG IN VICINITY OF IRRIGATION LINES.
- DELIVER REMOVED ITEMS TO OWNER. FOR RE-USE OF (1) FIXTURE, SEE SHEET E4, NOTE 6.
- G FOR SYMBOLS LEGEND AND ELECTRICAL EQUIPMENT LIST, SEE SHEET E9.
- H FOR PANEL SCHEDULES, SEE SHEET E11.

ADDITIVE ALTERNATE NO 1 FIELD NO 2 ONL'

- REMOVE FOUL LINE (FROM DUGOUT TO OUTFIELD FENCE) AND OUTFIELD FENCE.
- REMOVE CONCRETE MOW STRIP ROUTED WITH FOUL LINE AND OUTFIELD FENCE. C INSTALL NEW 8'-0" HIGH OUTFIELD FENCE WITH
- CONCRETE MOW STRIP AT 280'-0" RADIUS FROM HOME PLATE. D INSTALL NEW 4'-0" HIGH FOUL LINE FENCE

(FROM DUGOUT TO OUTFIELD FENCE) WITH

CONCRETE MOW STRIP. IN SAME LOCATION AS REMOVED FOUL LINE FENCE. INSTALL FENCE AND MOW STRIP IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD

SPECIFICATION SECTION 410, AND STANDARD

NEW LOCATION OF FENCE NOT SHOWN ON DRAWING FOR CLARITY.

DRAWINGS 2252 AND 2726.

KEYED NOTES

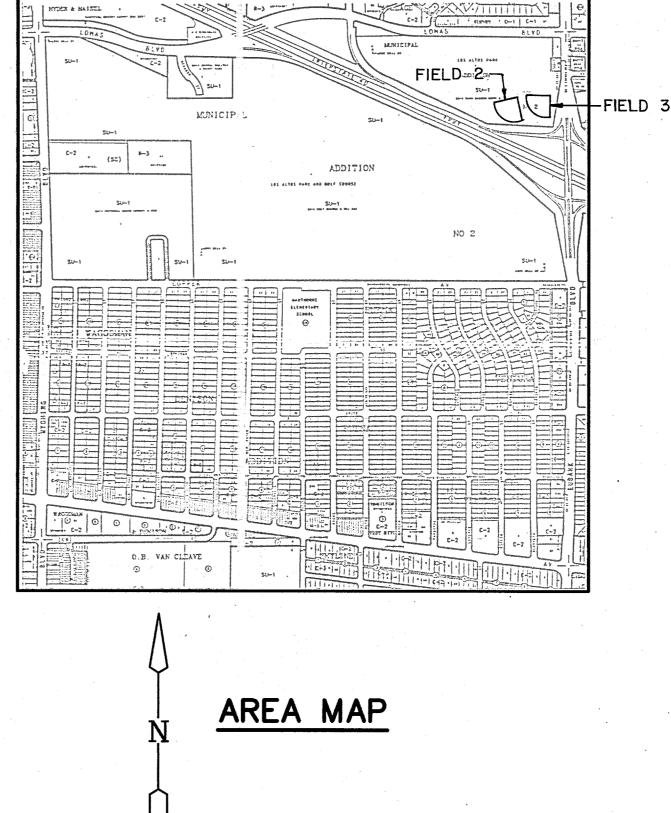
- ABANDON EXISTING DIRECT BURY CONDUCTORS IN PLACE.
- ABANDON EXISTING DIRECT BURY CONDUCTORS TO PANEL.
- 3 EXISTING PANELBOARD AND METERING. FOR NEW WORK, SEE SHEET E10, DETAIL 3.
- 4 EXISTING PNM TRANSFORMER.
- REMOVE FIXTURES AND MOUNTING BRACKETS. REMOVE CONDUIT TO MINIMUM 2'-0" BELOW GRADE. REMOVE POLE TO MINIMUM 2'-0" BELOW GRADE. BACKFILL AND COMPACT.
- 6 PULLBOX.
- 7 INSTALL NEW POLE AND FIXTURES. TYPICAL OF 8 LOCATIONS EACH FIELD.
- 8 $1\frac{1}{2}$ °C, 3#2, 1#8 GND. TYPICAL ALL CIRCUITS UNLESS NOTED.
- 9 PANELBOARD AND CONTROL DEVICES IN ENCLOSURE.
- 10 HOMERUN TO PANEL THROUGH CONTACTOR
- 11 FENCE RELOCATION ON THIS FIELD IS ADDITIVE ALTERNATE NO 1. DESIGN LIGHTING FOR 280'-0" FOUL LINES UNDER BASE BID.
- 12 SEE ADDITIVE ALTERNATE NO 1 NOTES ON THIS SHEET.
- 13 POINT OF SEPARATION BETWEEN FOUL LINE AND OUTFIELD FENCES.
- 14 MOUNT JUNCTION BOX ON OPPOSITE SIDE OF POLE FROM CROSSARMS. TYPICAL OF 8 LOCATIONS EACH FIELD.

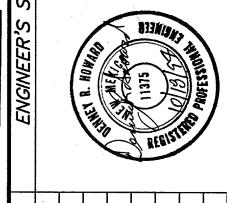
THIS SHEET SUPERSEDED BY SIMILAR SHEET MARKED "REDRAWN FOR RECORD PURPOSES"

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26-4947.90 5195

TITLE:





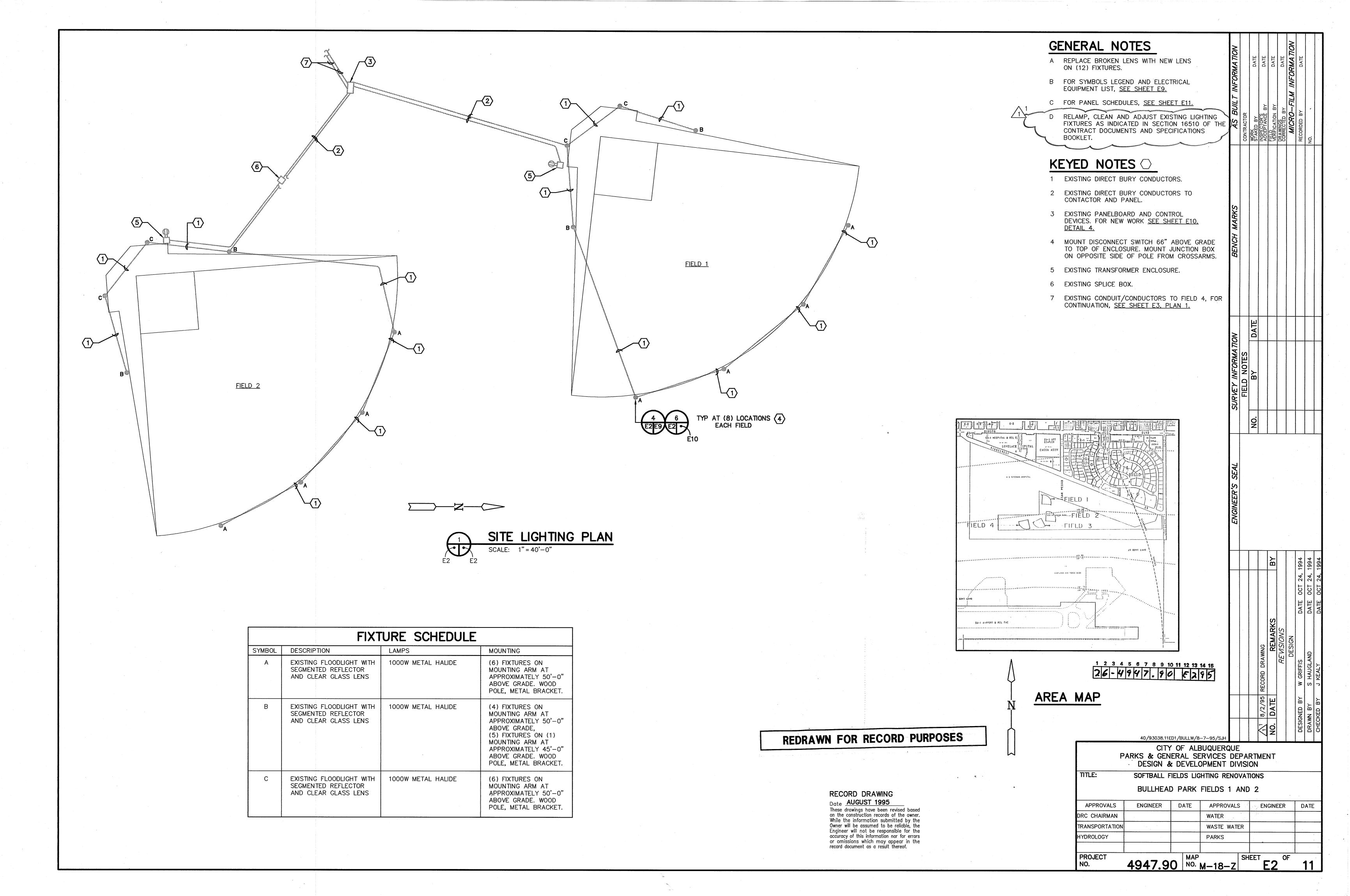
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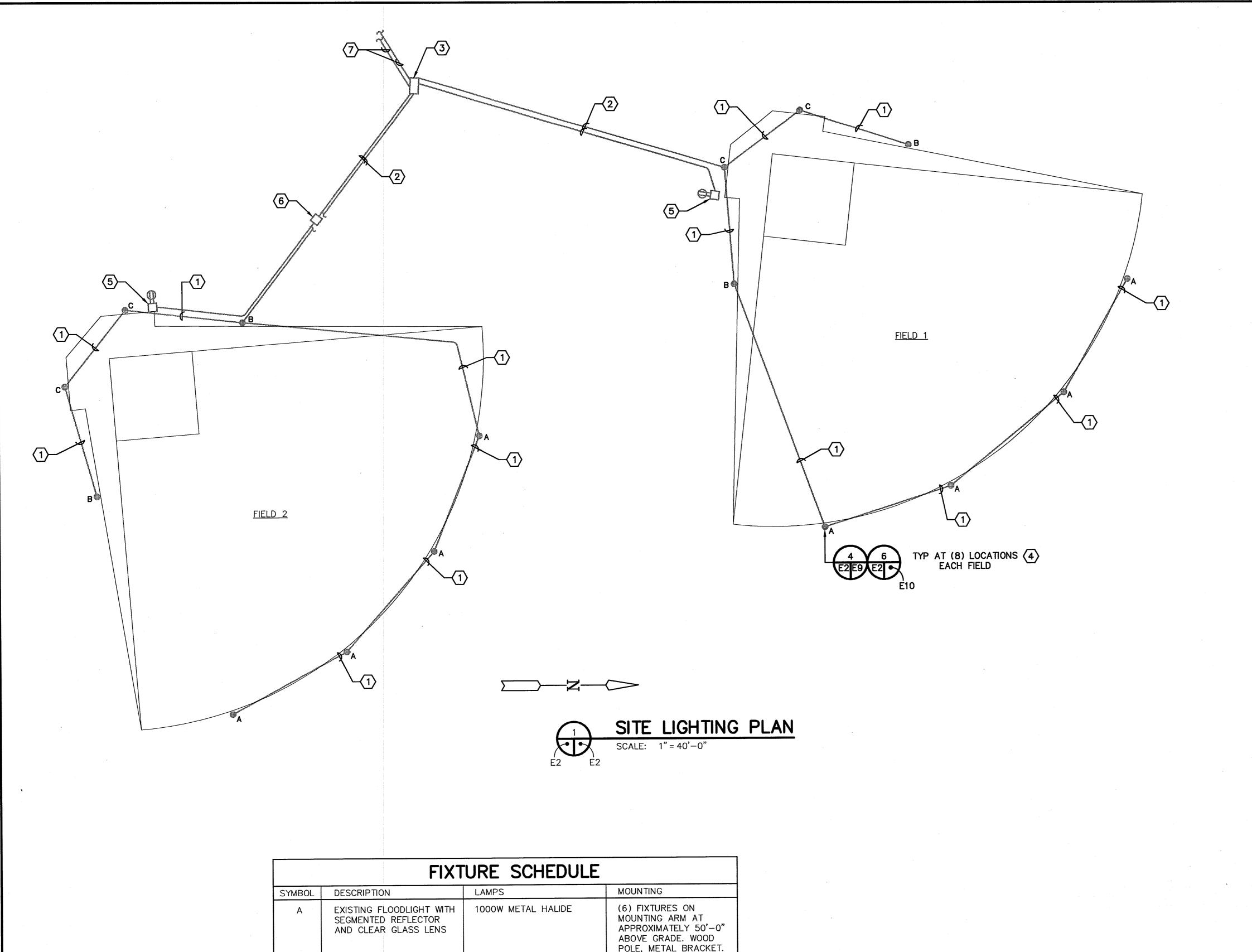
40/93038.11ED2/LOS2/10-17-94/PCS CITY OF ALBUQUERQUE PARKS & GENERAL SERVICES DEPARTMENT DESIGN & DEVELOPMENT DIVISION SOFTBALL FIELDS LIGHTING RENOVATIONS

LOS ALTOS FIELDS 2 AND 3

APPROVALS ENGINEER DATE APPROVALS ENGINEER DATE RC CHAIRMAN WATER [RANSPORTATION] N/A WASTE WATER YDROLOGY **PARKS** D.Solna 10.17.94 **PROJECT**

4947.90 NO. K-20-Z





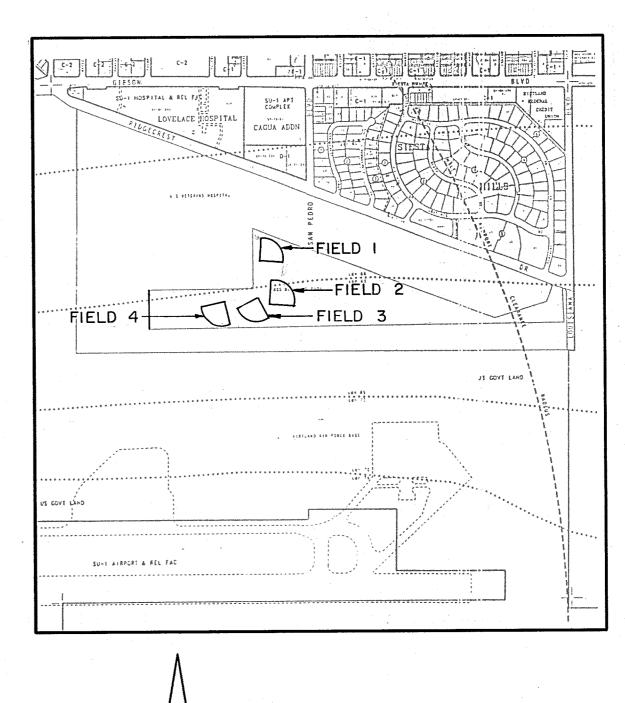
	FIXT	URE SCHEDULE	
SYMBOL	DESCRIPTION	LAMPS	MOUNTING
А	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(6) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE. WOOD POLE, METAL BRACKET.
В	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(4) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE, (5) FIXTURES ON (1) MOUNTING ARM AT APPROXIMATELY 45'-0" ABOVE GRADE. WOOD POLE, METAL BRACKET.
С	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(6) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE. WOOD POLE, METAL BRACKET.

GENERAL NOTES

- A REPLACE BROKEN LENS WITH NEW LENS ON (12) FIXTURES.
- B FOR SYMBOLS LEGEND AND ELECTRICAL EQUIPMENT LIST, SEE SHEET E9.
- C FOR PANEL SCHEDULES, SEE SHEET E11.

KEYED NOTES

- 1 EXISTING DIRECT BURY CONDUCTORS.
- 2 EXISTING DIRECT BURY CONDUCTORS TO CONTACTOR AND PANEL.
- 3 EXISTING PANELBOARD AND CONTROL DEVICES. FOR NEW WORK SEE SHEET E10. DETAIL 4.
- 4 MOUNT DISCONNECT SWITCH 66" ABOVE GRADE TO TOP OF ENCLOSURE. MOUNT JUNCTION BOX ON OPPOSITE SIDE OF POLE FROM CROSSARMS.
- 5 EXISTING TRANSFORMER ENCLOSURE.
- 6 EXISTING SPLICE BOX.
- 7 EXISTING CONDUIT/CONDUCTORS TO FIELD 4, FOR CONTINUATION, SEE SHEET E3, PLAN 1.



AREA MAP

40/93038.11ED1/BULLW/10-17-94/PC CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES DEPARTMENT
DESIGN & DEVELOPMENT DIVISION

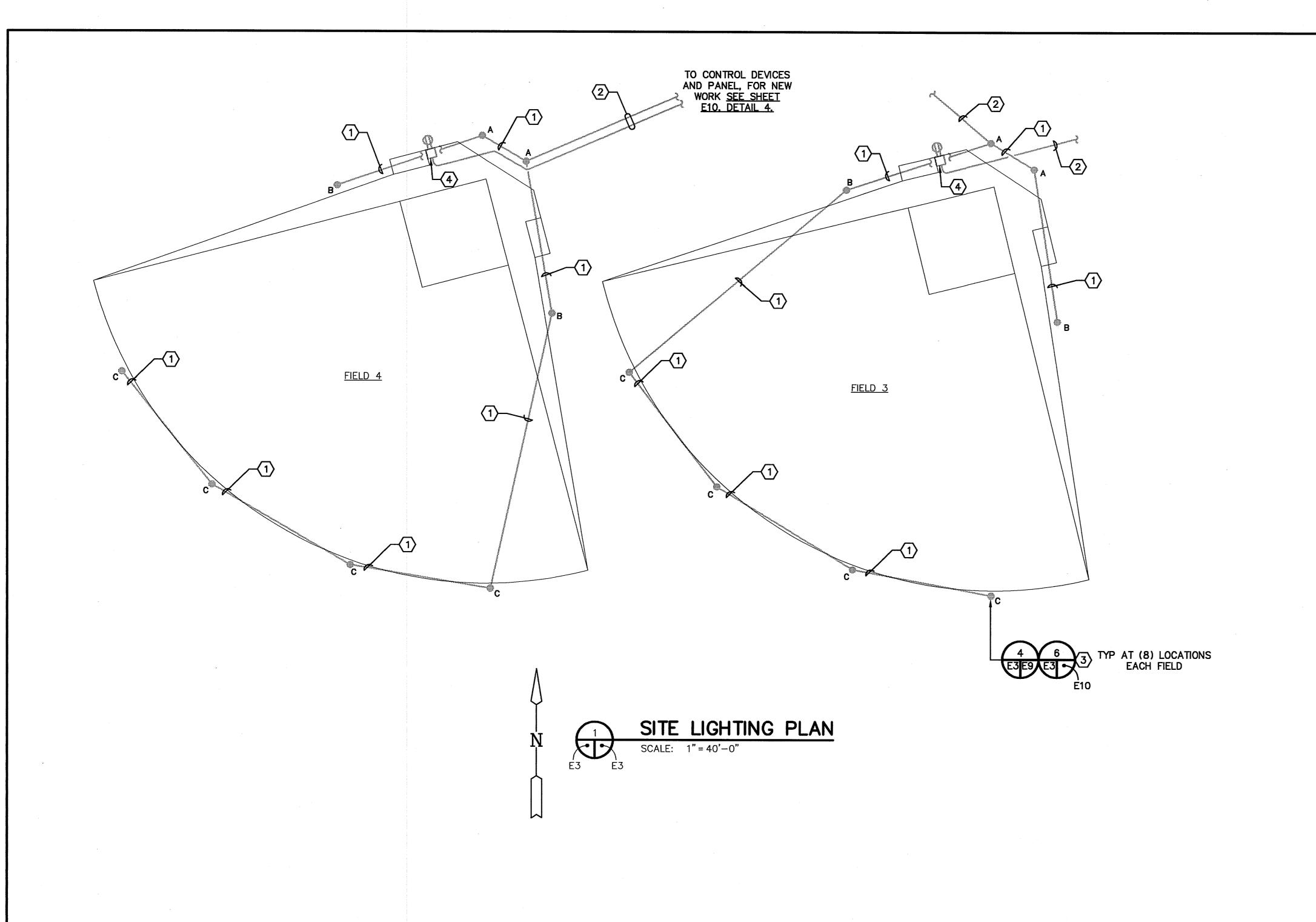
SOFTBALL FIELDS LIGHTING RENOVATIONS

BULLHEAD PARK FIELDS 1 AND 2

ENGINEER DATE DATE APPROVALS APPROVALS ENGINEER WATER DRC CHAIRMAN WASTE WATER TRANSPORTATION N/S D. Scena HYDROLOGY 4947.90 NO. M-18-Z PROJECT NO.

THIS SHEET SUPERSEDED BY SIMILAR SHEET MARKED "REDRAWN FOR RECORD PURPOSES"

1 2 3 4 8 6 7 8 9 10 11 12 13 14 15 26-4947,90 E295



	FIXT	URE SCHEDULE	
SYMBOL	DESCRIPTION	LAMPS	MOUNTING
Α	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(6) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE. WOOD POLE, METAL BRACKET.
В	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(4) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE, (5) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 45'-0" ABOVE GRADE. WOOD POLE, METAL BRACKETS.
С	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LÉNS	1000W METAL HALIDE	(6) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE. WOOD POLE, METAL BRACKET.

REDRAWN FOR RECORD PURPOSES

1 2 3 4 8 8 7 8 9 10 11 12 13 14 15 26-4947, 90 E 395

GENERAL NOTES

- A REPLACE BROKEN LENS WITH NEW LENS ON (12) FIXTURES.
- B FOR SYMBOLS LEGEND AND ELECTRICAL EQUIPMENT LIST, <u>SEE SHEET E9.</u>
- C FOR PANEL SCHEDULES, SEE SHEET E11.
- D RELAMP, CLEAN AND ADJUST EXISTING LIGHTING FIXTURES AS INDICATED IN SECTION 16510 OF THE CONTRACT DOCUMENTS AND SPECIFICATIONS BOOKLET.

KEYED NOTES

- 1 EXISTING DIRECT BURY CONDUCTORS.
- 2 EXISTING DIRECT BURY CONDUCTORS TO CONTACTOR AND PANEL, SEE SHEET E2, PLAN 1.
- MOUNT DISCONNECT SWITCH 66" ABOVE GRADE TO TOP OF ENCLOSURE, MOUNT JUNCTION BOX ON OPPOSITE SIDE OF POLE FROM CROSSARMS.
- 4 EXISTING TRANSFORMER ENCLOSURE.

RECORD DRAWING

Date August 1995
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

REMARKS

RECORD DRAWING

DATE

BESIGN

DATE

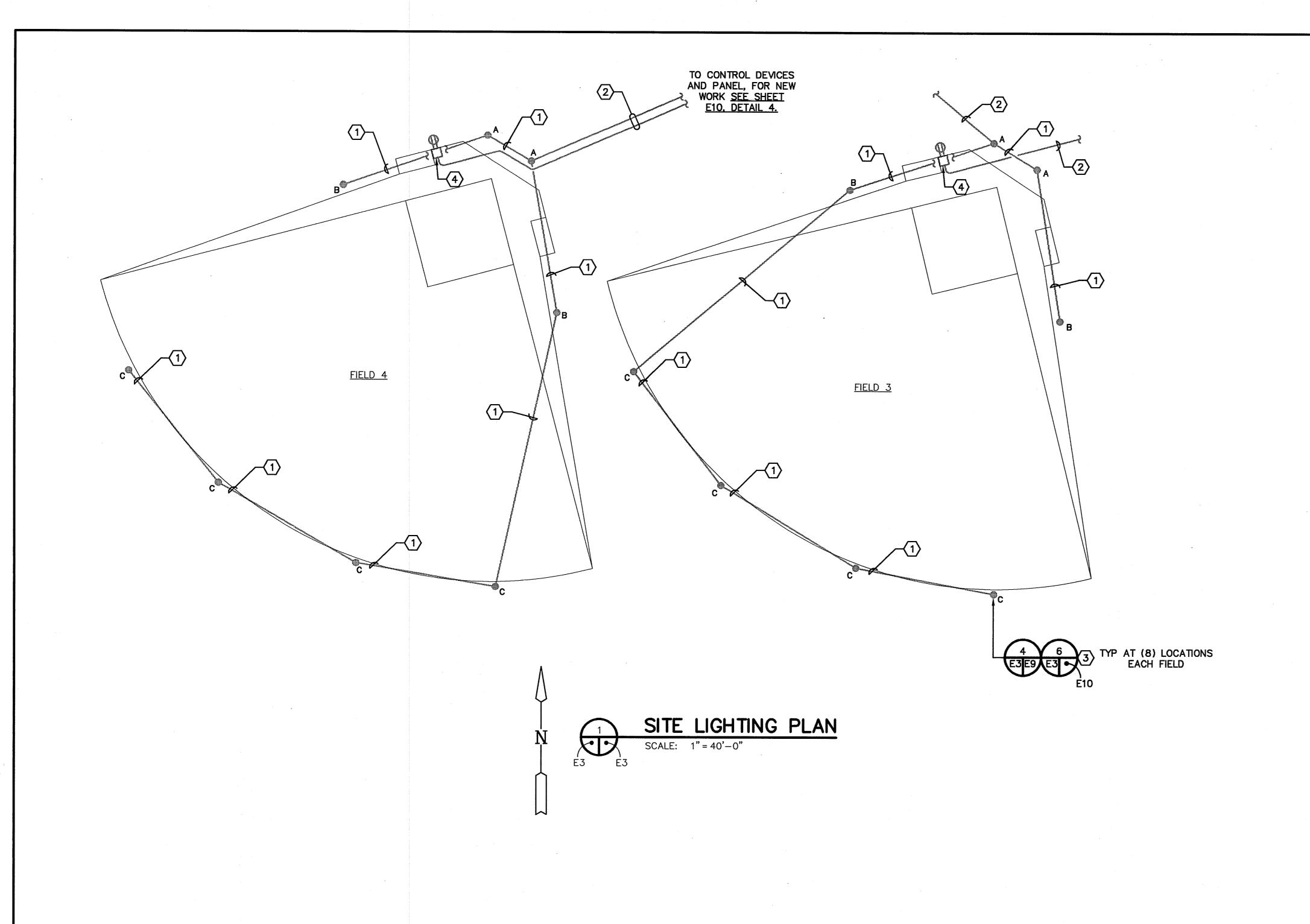
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CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES DEPARTMENT
DESIGN & DEVELOPMENT DIVISION

TITLE: SOFTBALL FIELDS LIGHTING RENOVATIONS

BULLHEAD PARK FIELDS 3 AND 4

PROJECT NO.	4947.9	O MAI	» М-18-Z	SHEET OF	11
HYDROLOGY			PARKS		
TRANSPORTATION			WASTE WAT	ER	
DRC CHAIRMAN			WATER		
APPROVALS	ENGINEER	DATE	APPROVALS	S ENGINEER	DATE



	FIXT	URE SCHEDULE	
SYMBOL	DESCRIPTION	LAMPS	MOUNTING
А	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(6) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE. WOOD. POLE, METAL BRACKET.
В	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(4) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE, (5) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 45'-0" ABOVE GRADE. WOOD POLE, METAL BRACKETS.
. C	EXISTING FLOODLIGHT WITH SEGMENTED REFLECTOR AND CLEAR GLASS LENS	1000W METAL HALIDE	(6) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 50'-0" ABOVE GRADE. WOOD POLE, METAL BRACKET.

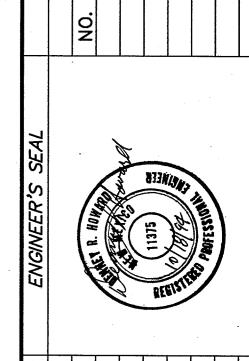
THIS SHEET SUPERSEDED BY SIMILAR SHEET MARKED "REDRAWN FOR RECORD PURPOSES"

GENERAL NOTES

- A REPLACE BROKEN LENS WITH NEW LENS ON (12) FIXTURES.
- B FOR SYMBOLS LEGEND AND ELECTRICAL EQUIPMENT LIST, <u>SEE SHEET E9.</u>
- C FOR PANEL SCHEDULES, <u>SEE SHEET E11.</u>

KEYED NOTES ○

- 1 EXISTING DIRECT BURY CONDUCTORS.
- 2 EXISTING DIRECT BURY CONDUCTORS TO CONTACTOR AND PANEL, <u>SEE SHEET E2</u>, <u>PLAN 1</u>.
- 3 MOUNT DISCONNECT SWITCH 66" ABOVE GRADE TO TOP OF ENCLOSURE, MOUNT JUNCTION BOX ON OPPOSITE SIDE OF POLE FROM CROSSARMS.
- 4 EXISTING TRANSFORMER ENCLOSURE.

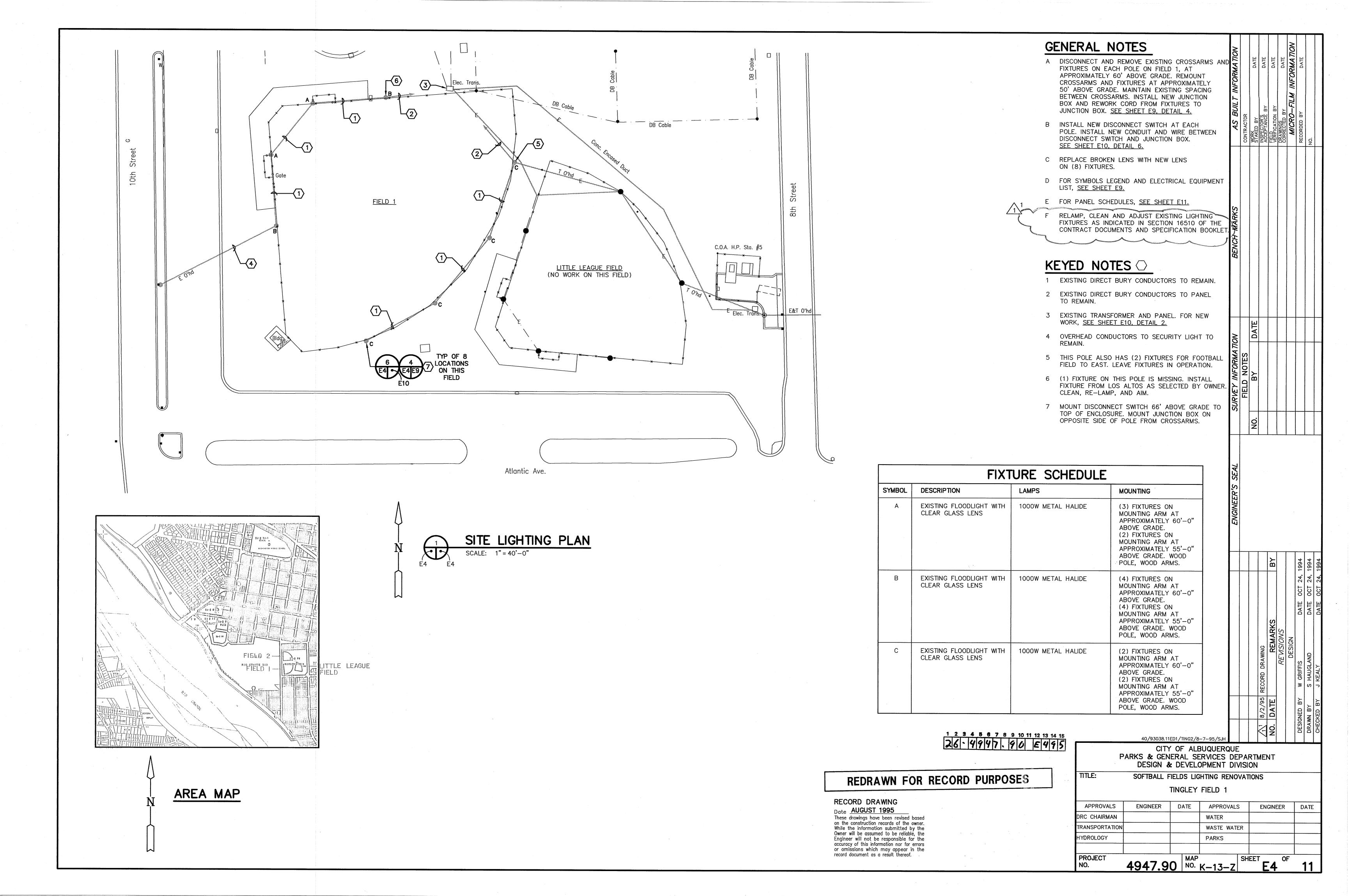


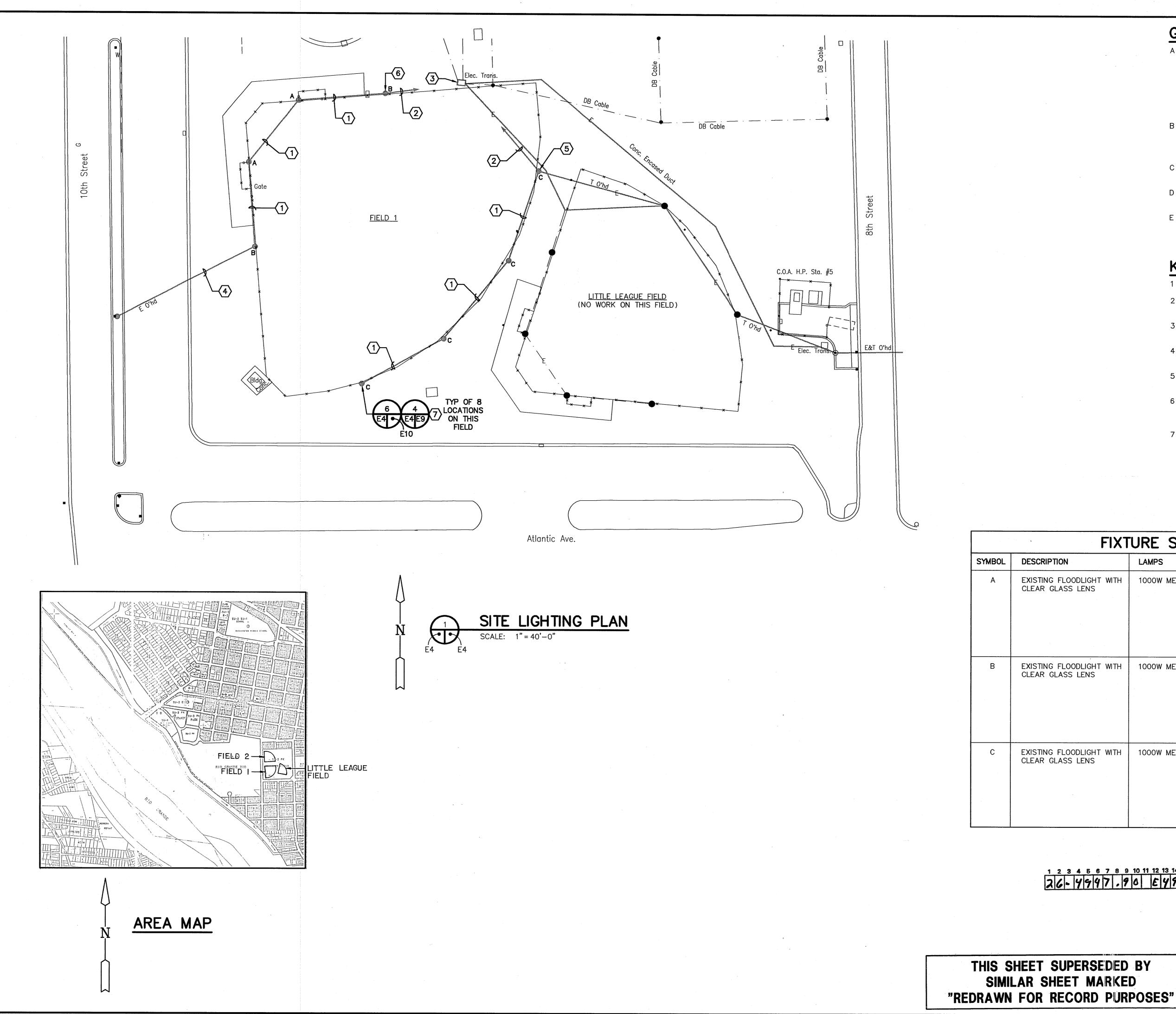
1 2 3 4 8 8 7 8 9 10 11 12 13 14 15 26-4947.40 E 3 9 5

40/93038.11ED1/BULLE/10-17-94/PCS CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES DEPARTMENT
DESIGN & DEVELOPMENT DIVISION SOFTBALL FIELDS LIGHTING RENOVATIONS

BULLHEAD PARK FIELDS 3 AND 4

ENGINEER DATE APPROVALS ENGINEER DATE ORC CHAIRMAN TRANSPORTATION NAME HYDROLOGY WASTE WATER D. Scena HYDROLOGY PROJECT NO. 4947.90 MAP NO. M-18-Z





GENERAL NOTES

- DISCONNET AND REMOVE EXISTING CROSSARMS AND FIXTURES ON EACH POLE ON FIELD 1. AT FIXTURES ON EACH POLE ON FIELD 1, AT APPROXIMATELY 60' ABOVE GRADE. REMOUNT CROSSARMS AND FIXTURES AT APPROXIMATELY 50' ABOVE GRADE. MAINTAIN EXISTING SPACING BETWEEN CROSSARMS. INSTALL NEW JUNCTION BOX AND REWORK CORD FROM FIXTURES TO JUNCTION BOX. SEE SHEET E9, DETAIL 4.
- B INSTALL NEW DISCONNECT SWITCH AT EACH POLE. INSTALL NEW CONDUIT AND WIRE BETWEEN DISCONNECT SWITCH AND JUNCTION BOX. SEE SHEET E10, DETAIL 6.
- C REPLACE BROKEN LENS WITH NEW LENS ON (8) FIXTURES.
- D FOR SYMBOLS LEGEND AND ELECTRICAL EQUIPMENT LIST, <u>SEE SHEET E9.</u>
- E FOR PANEL SCHEDULES, SEE SHEET E11.

KEYED NOTES

- 1 EXISTING DIRECT BURY CONDUCTORS TO REMAIN.
- 2 EXISTING DIRECT BURY CONDUCTORS TO PANEL TO REMAIN.
- 3 EXISTING TRANSFORMER AND PANEL. FOR NEW WORK, SEE SHEET E10, DETAIL 2.
- 4 OVERHEAD CONDUCTORS TO SECURITY LIGHT TO REMAIN.
- 5 THIS POLE ALSO HAS (2) FIXTURES FOR FOOTBALL FIELD TO EAST. LEAVE FIXTURES IN OPERATON.
- 6 (1) FIXTURE ON THIS POLE IS MISSING. INSTALL FIXTURE FROM LOS ALTOS AS SELECTED BY OWNER. CLEAN, RE-LAMP, AND AIM.
- 7 MOUNT DISCONNECT SWITCH 66' ABOVE GRADE TO TOP OF ENCLOSURE. MOUNT JUNCTION BOX ON OPPOSITE SIDE OF POLE FROM CROSSARMS.

	FIXT	URE SCHEDULE	
SYMBOL	DESCRIPTION	LAMPS	MOUNTING
Α	EXISTING FLOODLIGHT WITH CLEAR GLASS LENS	1000W METAL HALIDE	(3) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 60'-0" ABOVE GRADE. (2) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 55'-0" ABOVE GRADE. WOOD POLE, WOOD ARMS.
В	EXISTING FLOODLIGHT WITH CLEAR GLASS LENS	1000W METAL HALIDE	(4) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 60'-0" ABOVE GRADE. (4) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 55'-0" ABOVE GRADE. WOOD POLE, WOOD ARMS.
С	EXISTING FLOODLIGHT WITH CLEAR GLASS LENS	1000W METAL HALIDE	(2) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 60'-0" ABOVE GRADE. (2) FIXTURES ON MOUNTING ARM AT APPROXIMATELY 55'-0" ABOVE GRADE. WOOD POLE, WOOD ARMS.

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40/93038.11ED1/TING2/10-17-94/PCS

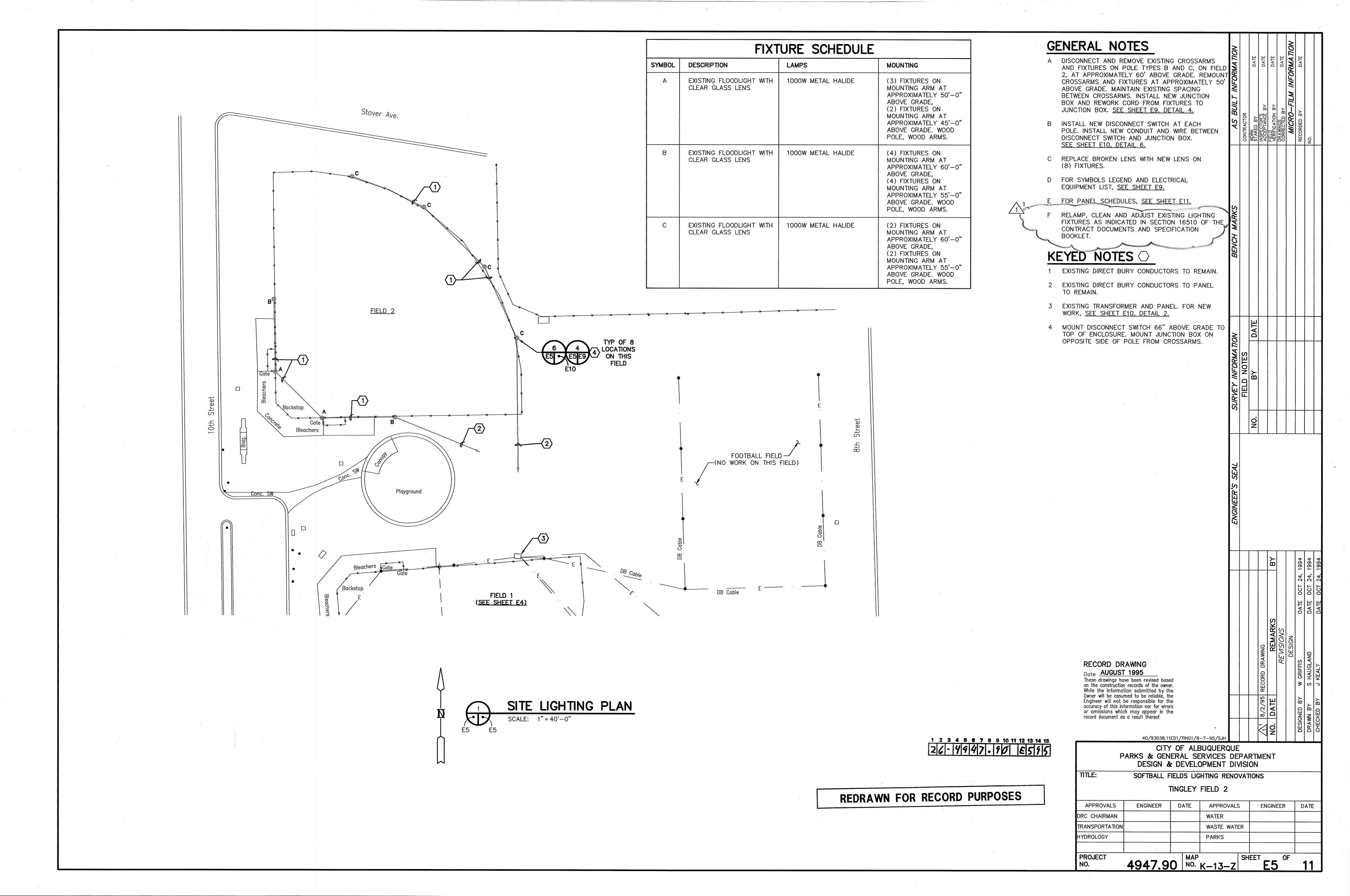
CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES DEPARTMENT
DESIGN & DEVELOPMENT DIVISION SOFTBALL FIELDS LIGHTING RENOVATIONS

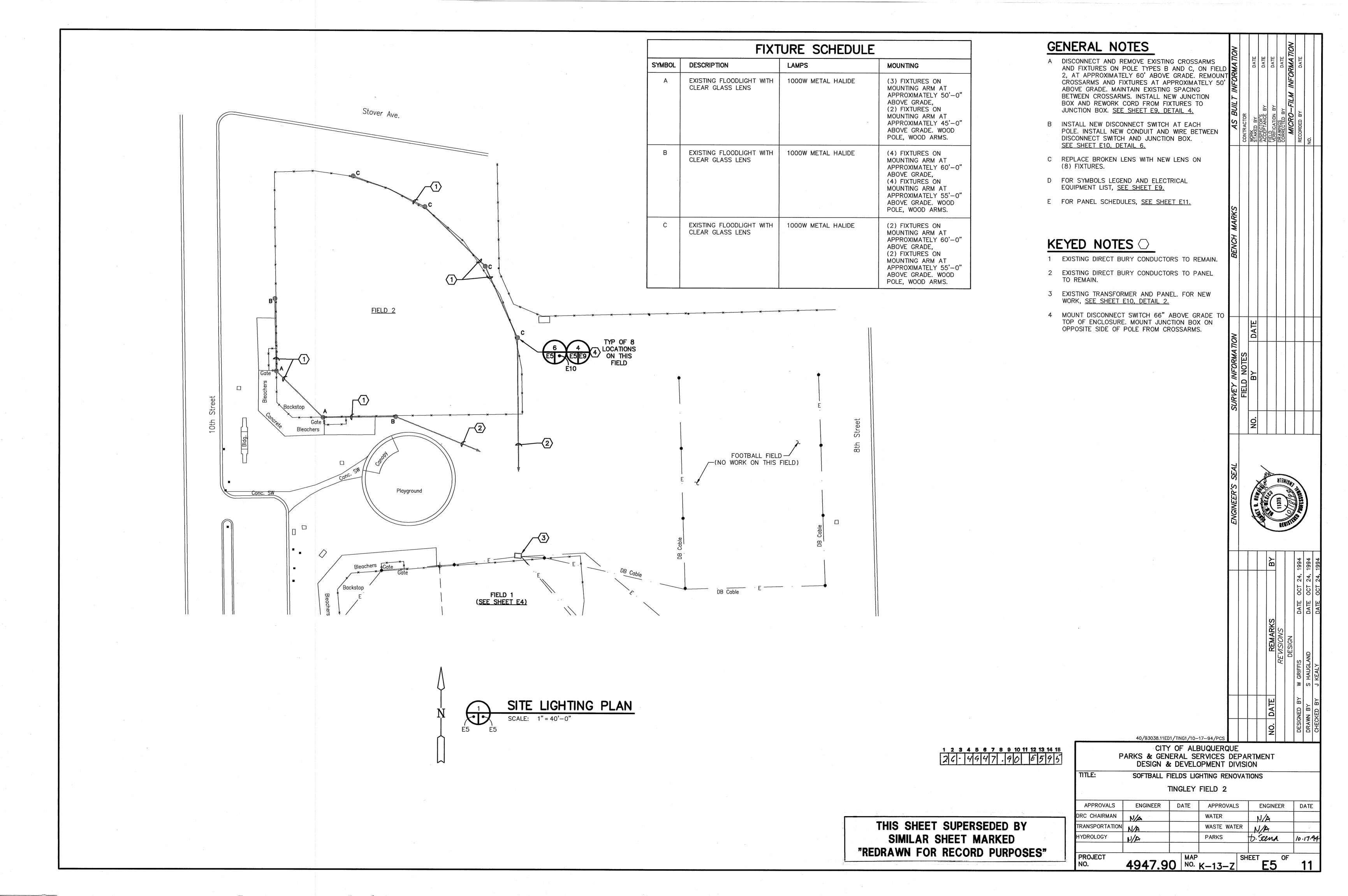
TINGLEY FIELD 1

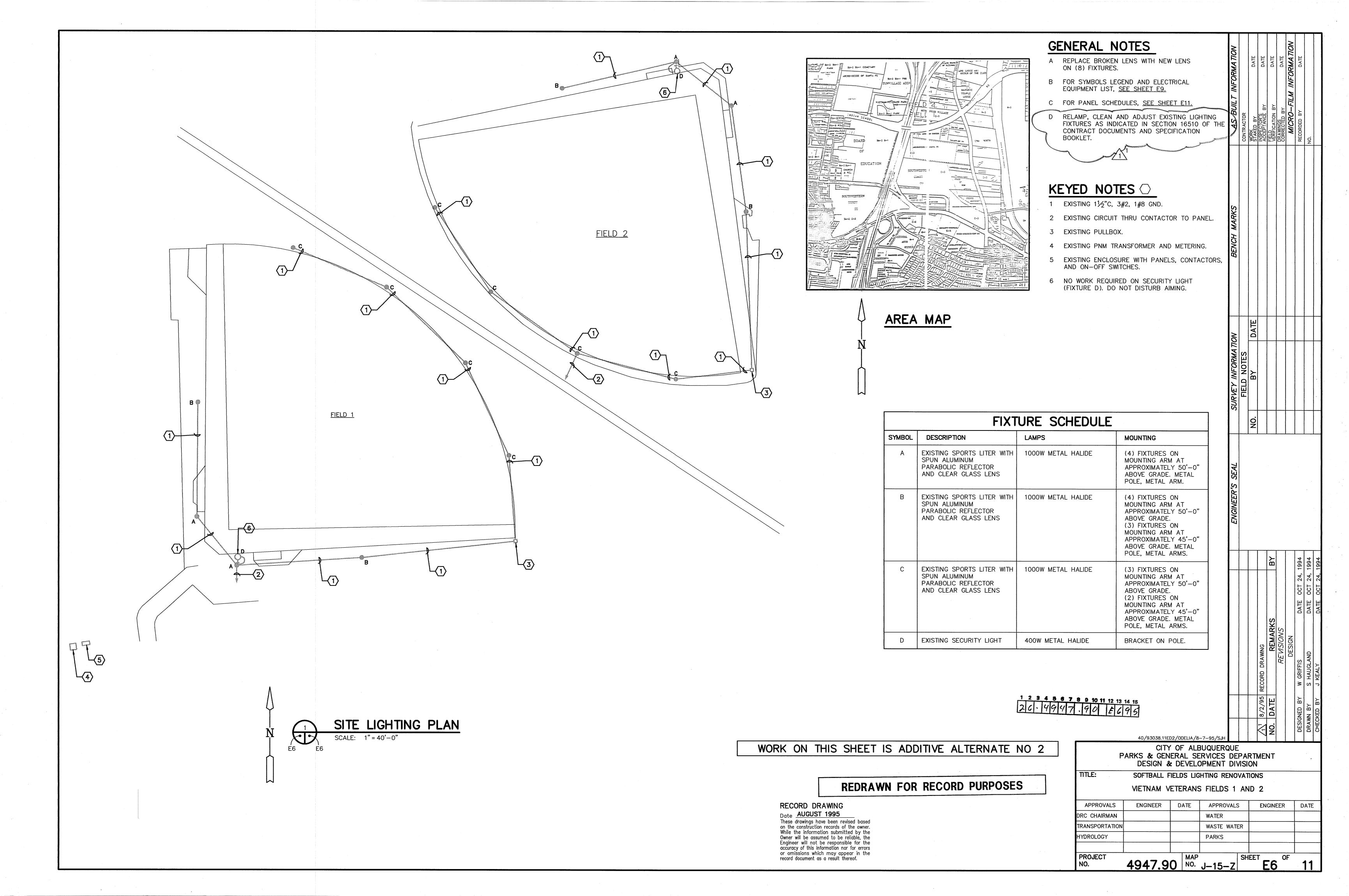
ENGINEER DATE APPROVALS **ENGINEER** N/A N/S TRANSPORTATION WASTE WATER D. Sama HYDROLOGY

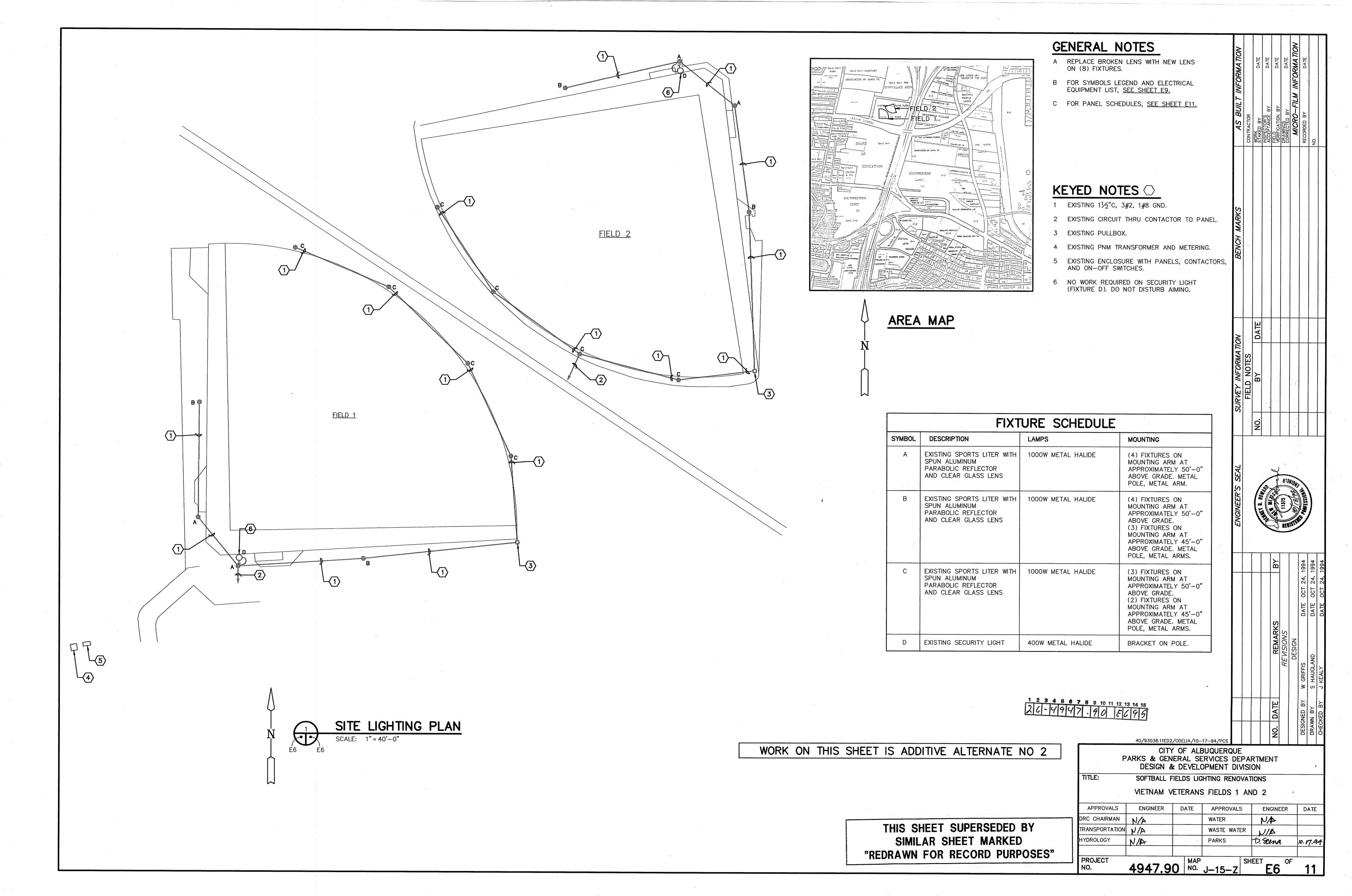
PROJECT NO.

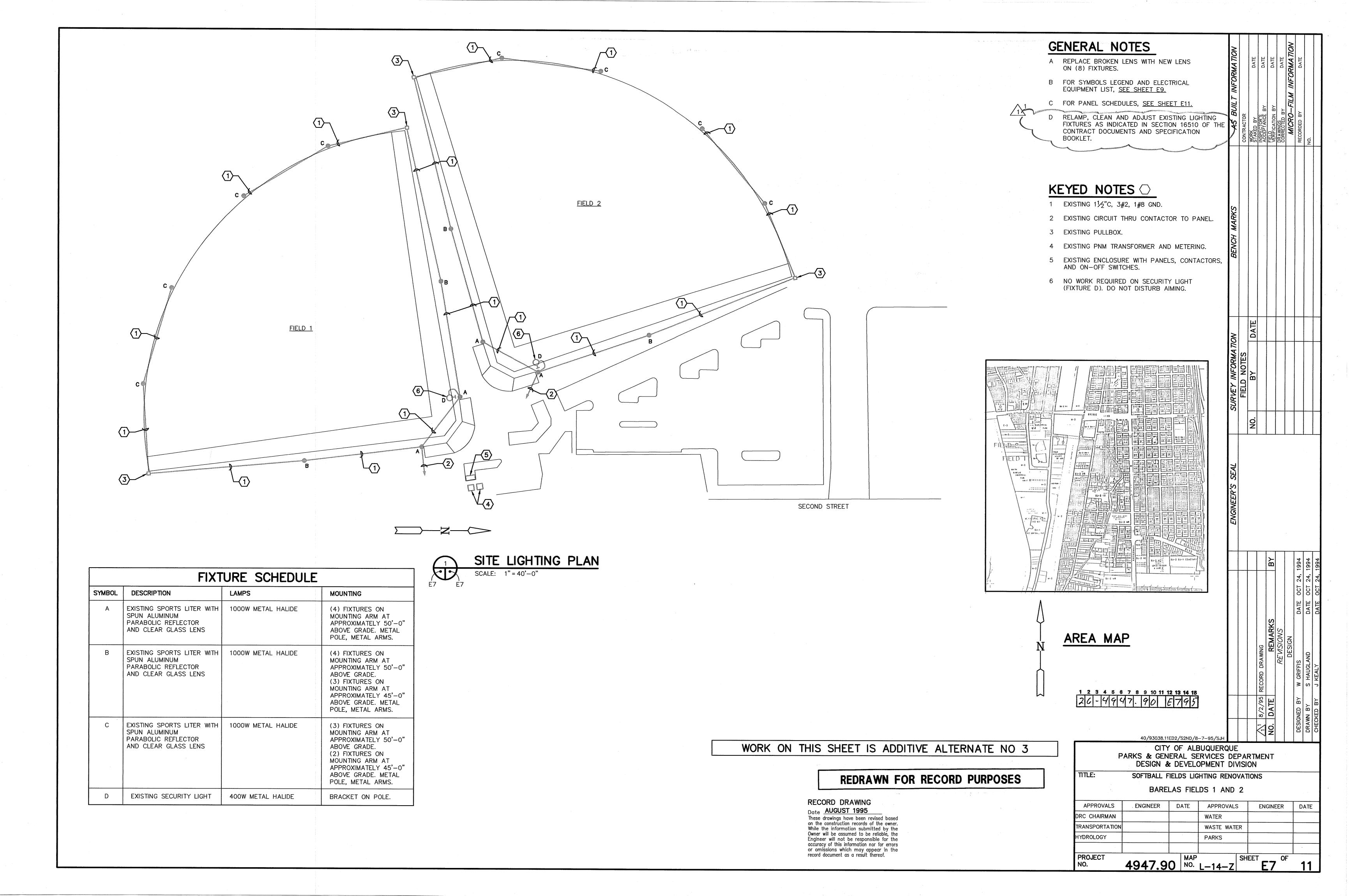
4947.90 MAP NO. K-13-Z

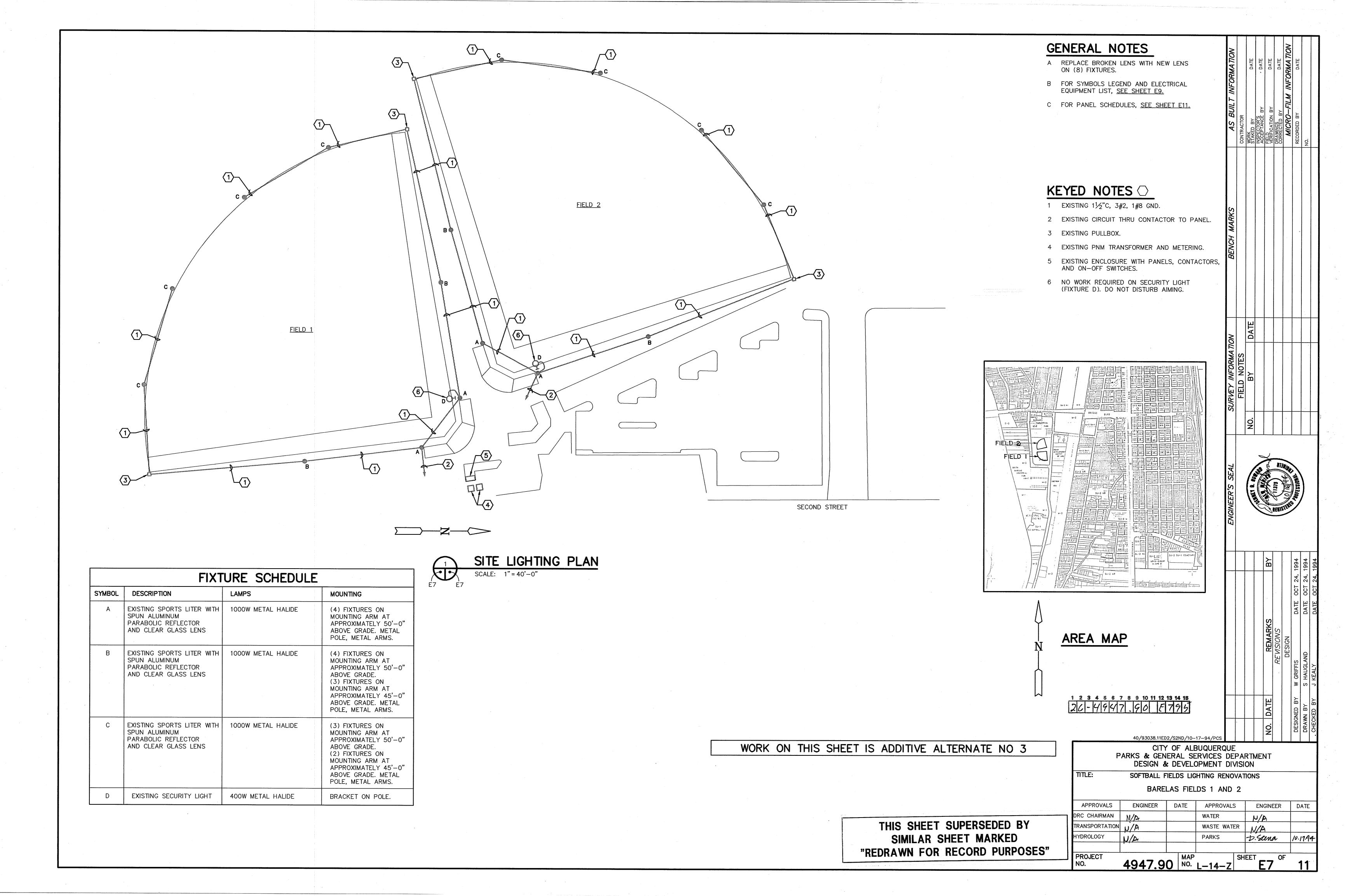


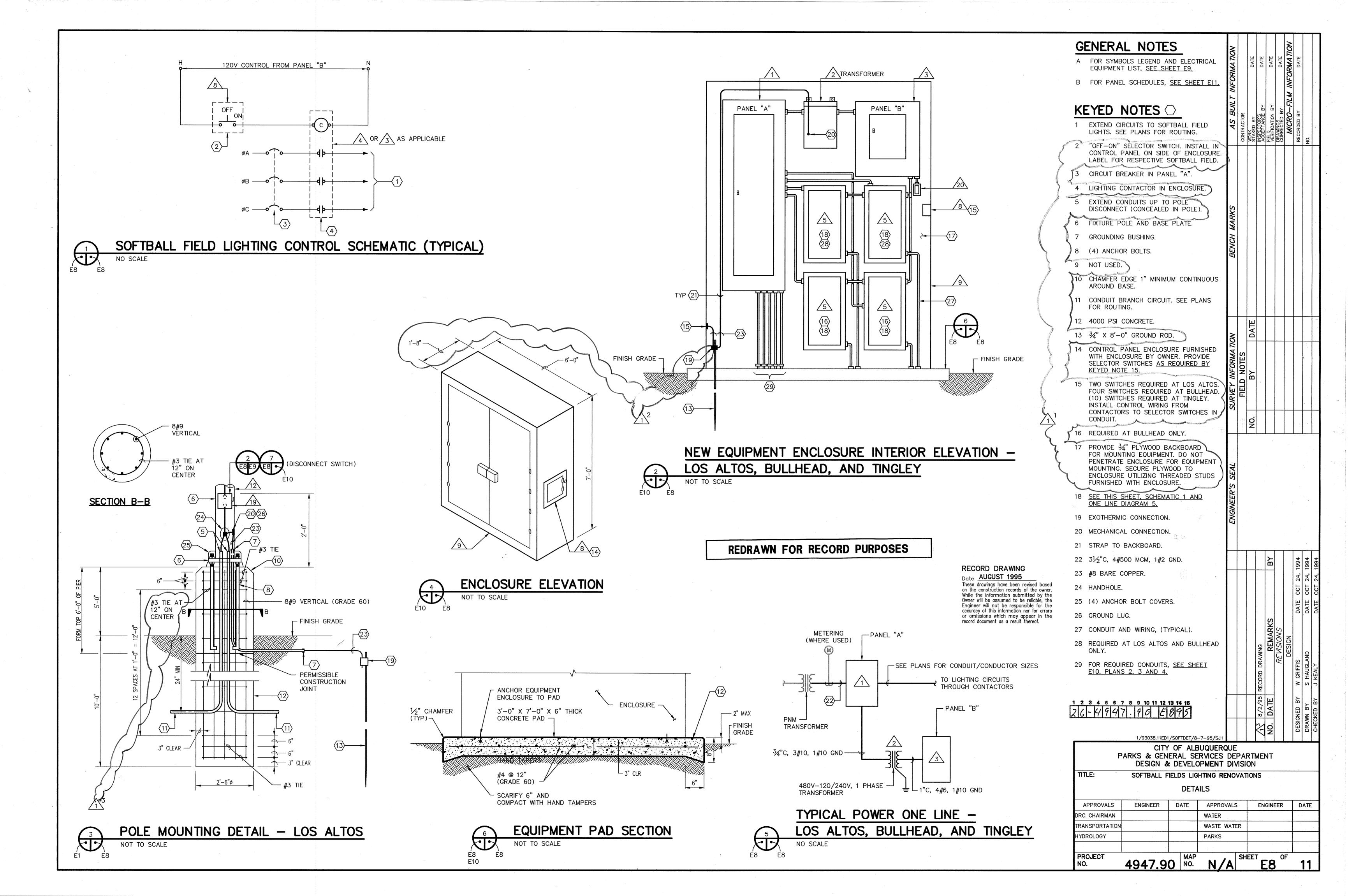


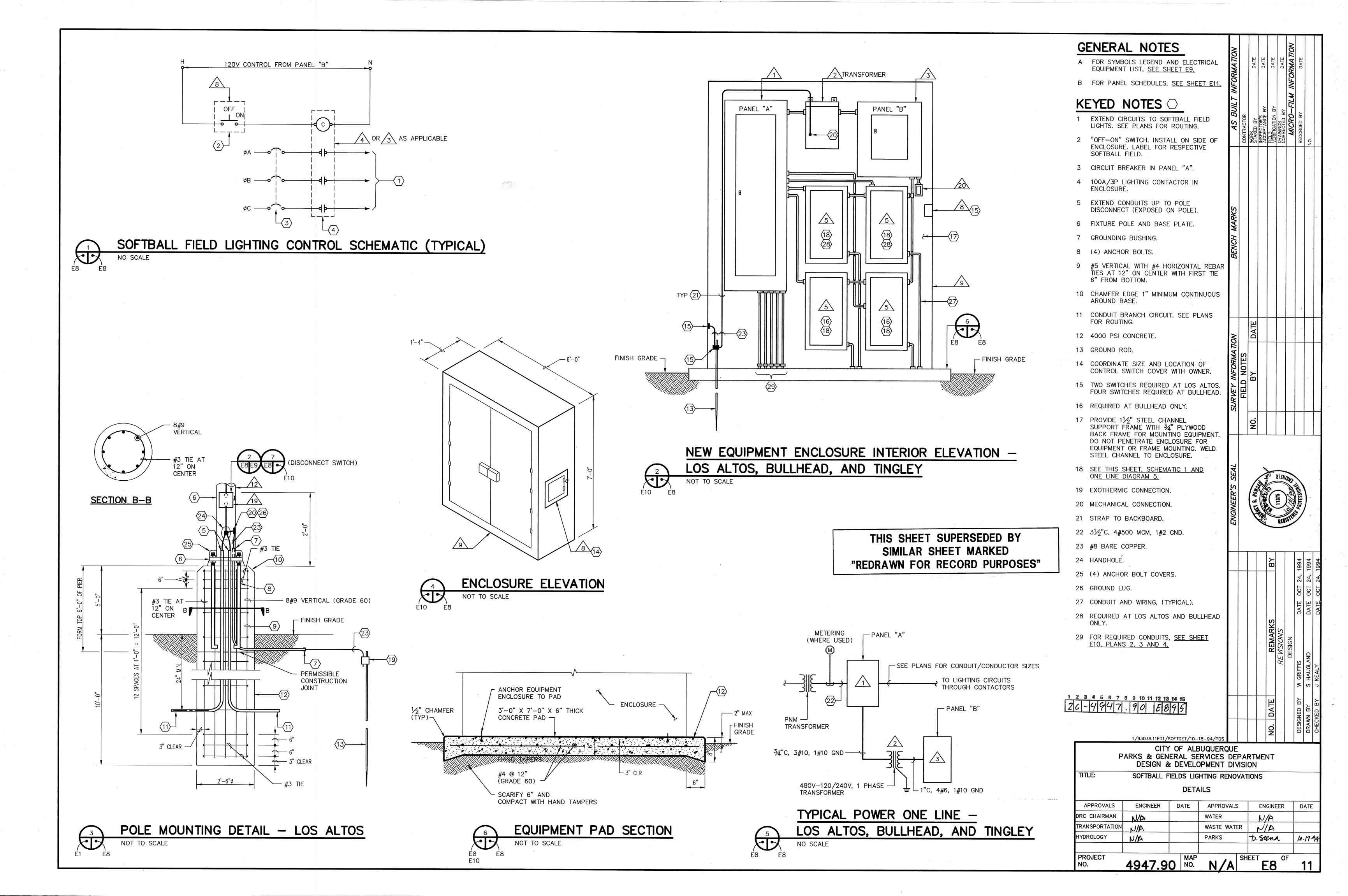


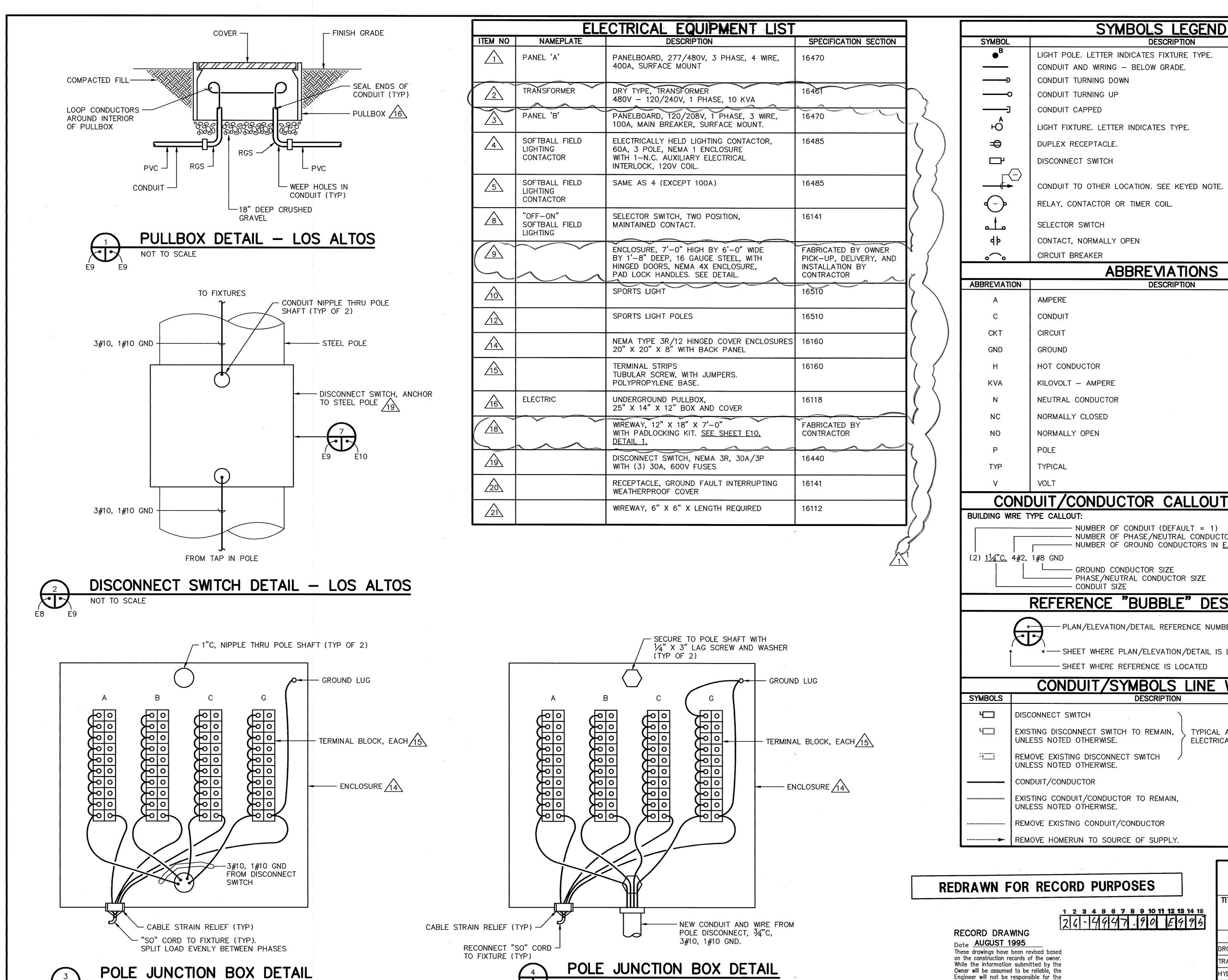












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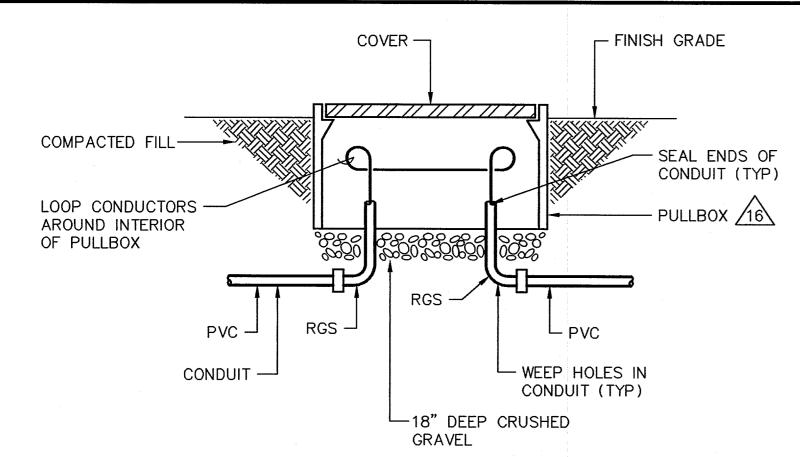
LIGHT POLE. LETTER INDICATES FIXTURE TYPE. CONDUIT TO OTHER LOCATION. SEE KEYED NOTE. **ABBREVIATIONS** CONDUIT/CONDUCTOR CALLOUT DESCRIPTION NUMBER OF CONDUIT (DEFAULT = 1) NUMBER OF PHASE/NEUTRAL CONDUCTORS IN EACH CONDUIT NUMBER OF GROUND CONDUCTORS IN EACH CONDUIT REFERENCE "BUBBLE" DESCRIPTION - PLAN/ELEVATION/DETAIL REFERENCE NUMBERS *- SHEET WHERE PLAN/ELEVATION/DETAIL IS LOCATED CONDUIT/SYMBOLS LINE WEIGHTS TYPICAL ALL ELECTRICAL SYMBOLS 1/93038.11ED2/S0FTDET2/8-7-95/SJH

Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.

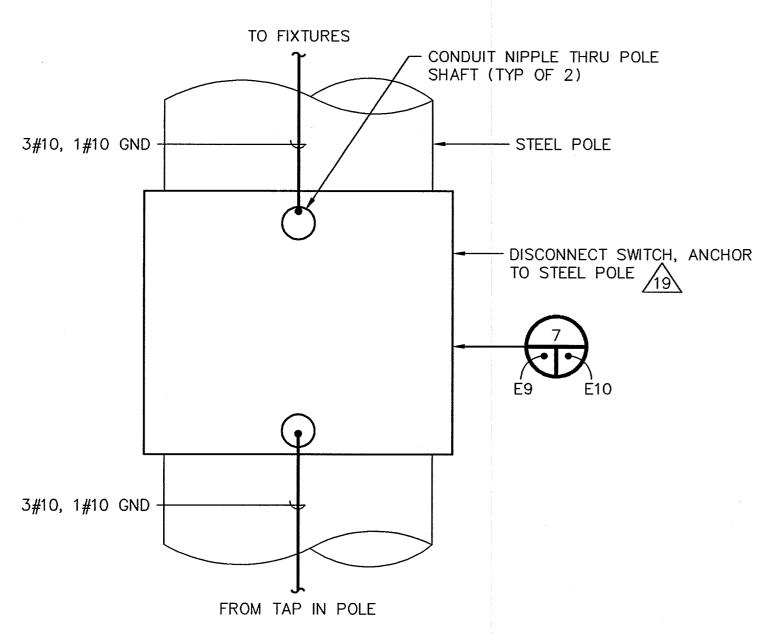
CITY OF ALBUQUERQUE PARKS & GENERAL SERVICES DEPARTMENT DESIGN & DEVELOPMENT DIVISION TITLE: SOFTBALL FIELDS LIGHTING RENOVATIONS

DETAILS, LEGEND AND EQUIPMENT LIST ENGINEER DATE APPROVALS

APPROVALS ENGINEER DATE ORC CHAIRMAN WATER RANSPORTATION WASTE WATER **IYDROLOGY PARKS** 4947.90 NO.

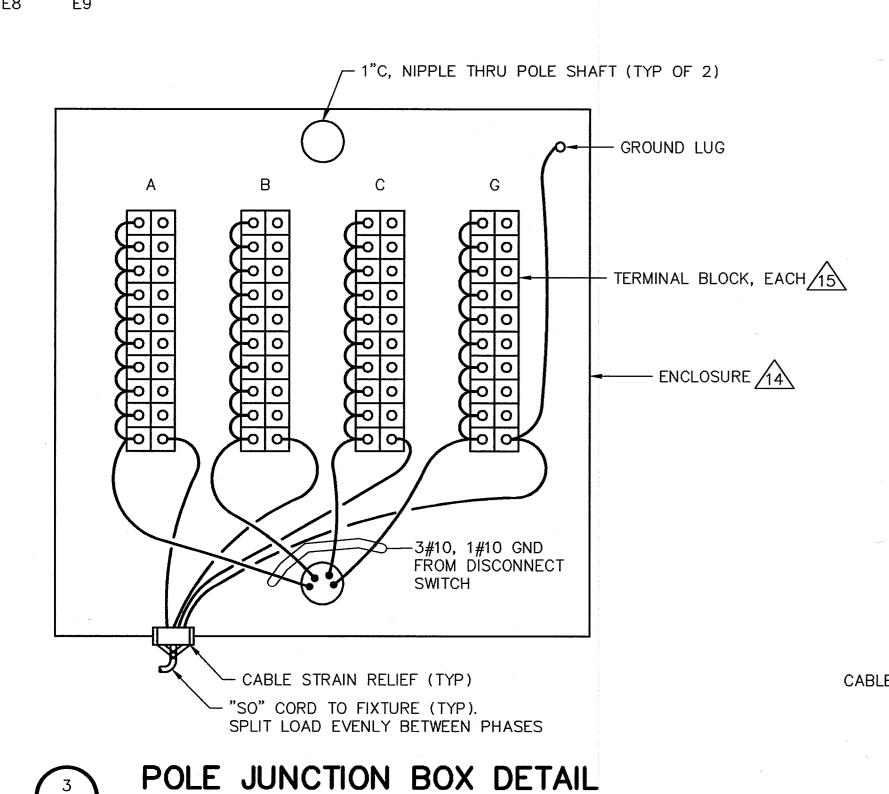


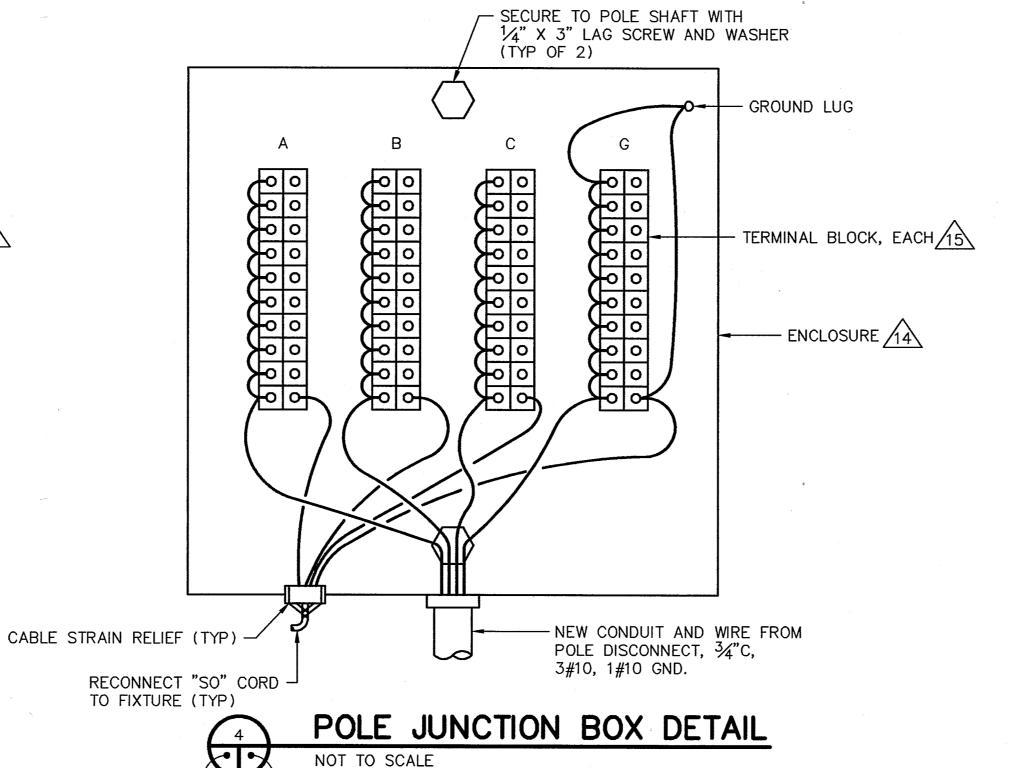


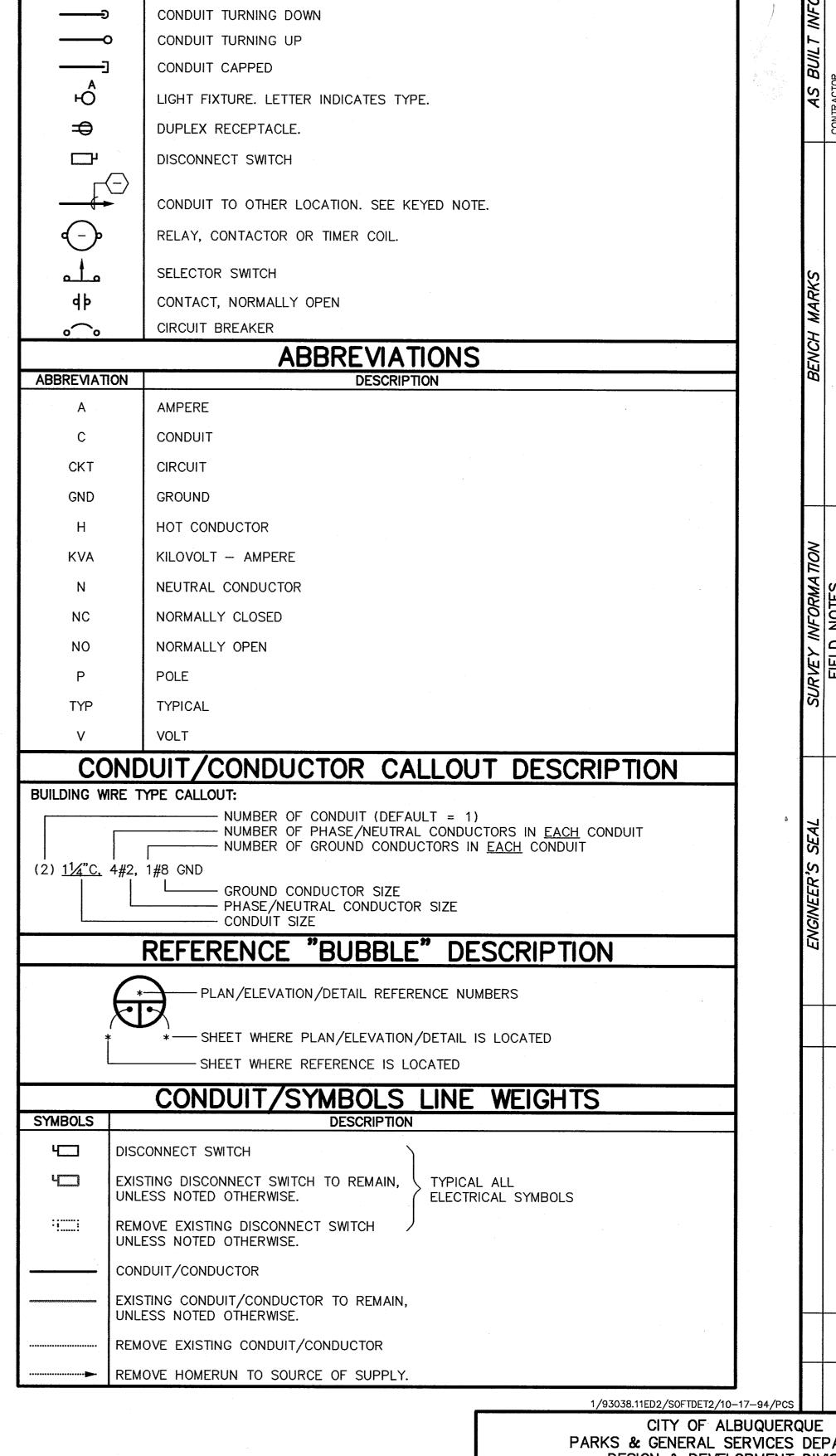


	ELE	CTRICAL EQUIPMENT LIST	
ITEM NO	NAMEPLATE	DESCRIPTION	SPECIFICATION SECTION
\triangle	PANEL 'A'	PANELBOARD, 277/480V, 3 PHASE, 4 WIRE, 400A, SURFACE MOUNT	16470
2	TRANSFORMER	DRY TYPE, TRANSFORMER 480V DELTA - 120/240V, 1 PHASE, 10 KVA	16461
3	PANEL 'B'	PANELBOARD, 120/208V, 1 PHASE, 3 WIRE, 100A, MAIN BREAKER, SURFACE MOUNT.	16470
4	SOFTBALL FIELD LIGHTING CONTACTOR	ELECTRICALLY HELD LIGHTING CONTACTOR, 60A, 3 POLE, NEMA 1 ENCLOSURE WITH 1-N.C. AUXILLARY ELECTRICAL INTERLOCK, 120V COIL.	16485
5	SOFTBALL FIELD LIGHTING CONTACTOR	SAME AS 4 (EXCEPT 100A)	16485
8	"OFF—ON" SOFTBALL FIELD LIGHTING	SELECTOR SWITCH, TWO POSITION, MAINTAINED CONTACT.	16141
9		ENCLOSURE, 7'-0" HIGH BY 6'-0" WIDE BY 1'-4" DEEP, 16 GAUGE STEEL, WITH HINGED DOORS, NEMA 4X ENCLOSURE, PAD LOCK HANDLES. SEE DETAIL.	MANUFACTURED BY OWNER PICK-UP, DELIVERY, AND INSTALLATION BY CONTRACTOR
10		SPORTS LIGHT	16510
12		SPORTS LIGHT POLES	16510
14		NEMA TYPE 3R/12 HINGED COVER ENCLOSURES 20" X 20" X 8" WITH BACK PANEL	16160
15		TERMINAL STRIPS TUBULAR SCREW, WITH JUMPERS. POLYPROPYLENE BASE.	16160
16	ELECTRIC	UNDERGROUND PULLBOX, 25" X 14" X 12" BOX AND COVER	16118
18		WIREWAY, 12" X 12" X LENGTH REQUIRED WITH PADLOCKING KIT. <u>SEE SHEET E10, DETAIL 1.</u>	MANUFACTURED BY CONTRACTOR
19		DISCONNECT SWITCH, NEMA 3R, 30A/3P WITH (3) 30A, 600V FUSES	16440
20		RECEPTACLE, GROUND FAULT INTERRUPTING WEATHERPROOF COVER	16141
21		WIREWAY, 6" X 6" X LENGTH REQUIRED	16112

DISCONNECT SWITCH DETAIL - LOS ALTOS NOT TO SCALE







SYMBOLS LEGEND

LIGHT POLE. LETTER INDICATES FIXTURE TYPE.

CONDUIT AND WIRING - BELOW GRADE.

DESCRIPTION

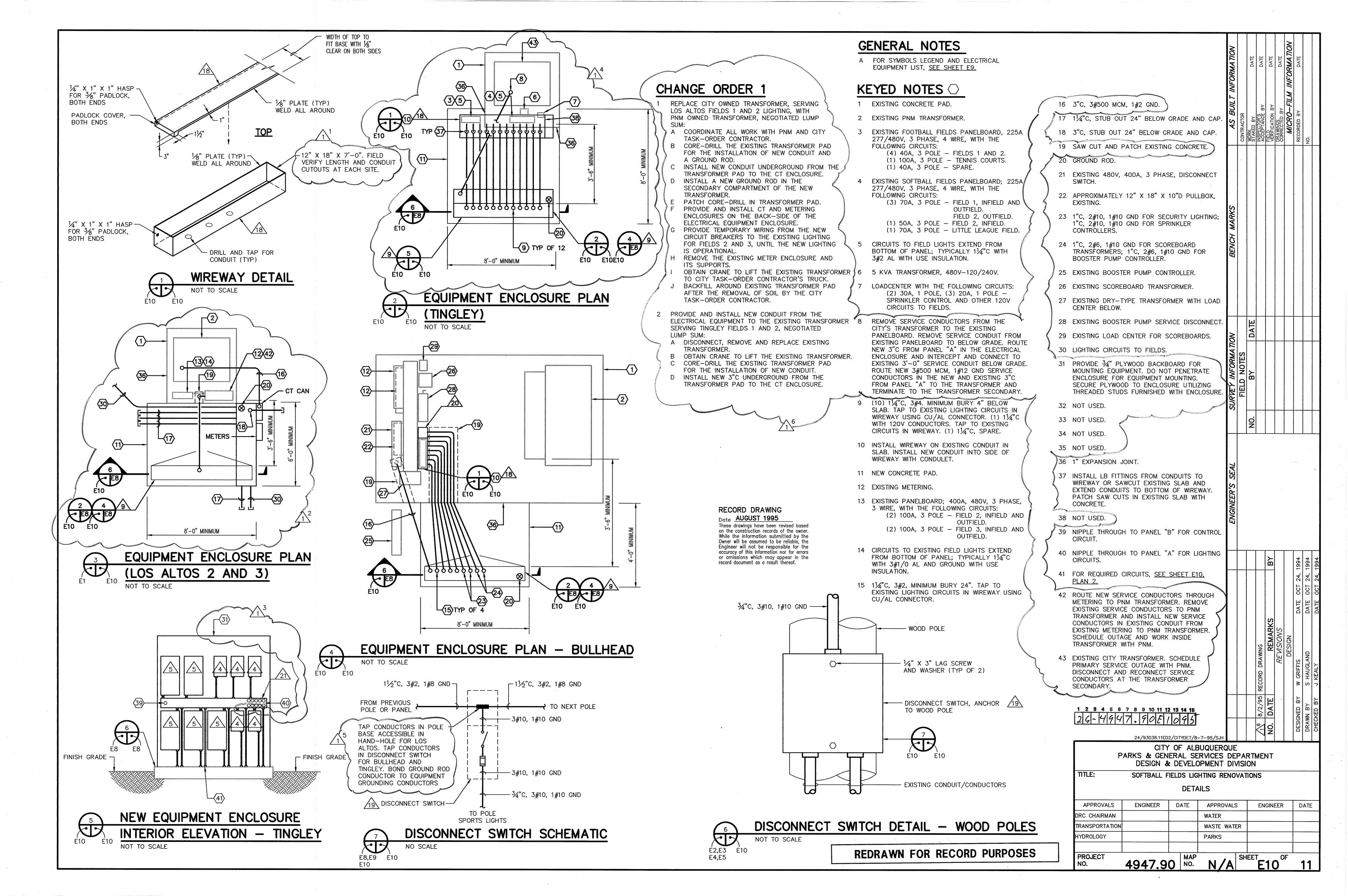
SYMBOL

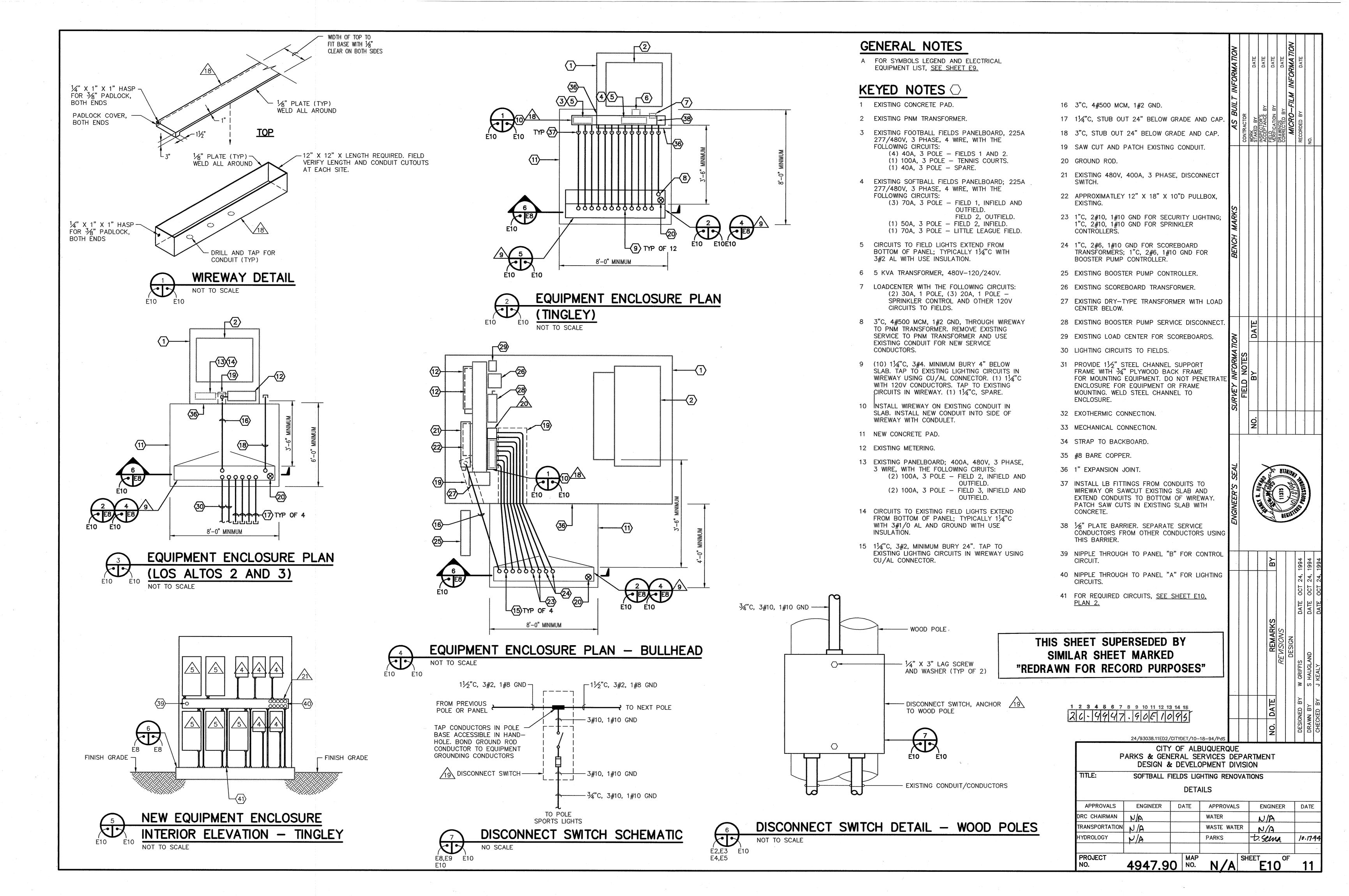
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 26-4947.90 E995

THIS SHEET SUPERSEDED BY
SIMILAR SHEET MARKED
"REDRAWN FOR RECORD PURPOSES"

	1/93038.11ED2/S0FTDET2/10-17-94/PCS	
	CITY OF ALBUQUERQUE	
	PARKS & GENERAL SERVICES DEPARTMENT DESIGN & DEVELOPMENT DIVISION	
TTLE:	SOFTBALL FIELDS LIGHTING RENOVATIONS	
	DETAILS, LEGEND AND EQUIPMENT LIST	

PROJECT NO.	4947.9	MAP NO.	N/A	E9 OF	11
DDO ICOT		1445	· · · · · · · · · · · · · · · · · · ·	OUEEE OE	
IYDROLOGY	N/A		PARKS	D.Seena	10.17.94
RANSPORTATION	NA		WASTE WATER	NA	,
RC CHAIRMAN	N/A		WATER	N/A	
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE





CKT	BKR	LOAD DESCRIPTION	AMP	ERAGE	LOAD	LOAD DECODIDATION	BKR	СК
	RTNG	LOAD DESCRIPTION	ØΑ	ØВ	ØС	LOAD DESCRIPTION	RTNG	Cr
			32 32			:		
3	40A/3P	FOOTBALL FIELD 1		32 32		FOOTBALL FIELD 2	40A/3P	4
					32 32			
			32 32				*****	
9	40A/3P	FOOTBALL FIELD 1		32 32		FOOTBALL FIELD 2	40A/3P	1
					32 32			
			34 34					
15	70A/3P	SOFTBALL FIELD 1, INFIELD		34 34		SOFTBALL FIELD 2, INFIELD	50A/3P	1
					34 34			
			20 20					
21	70A/3P	SOFTBALL FIELD 1, OUTFIELD		20 20		SOFTBALL FIELD 2, OUTFIELD	70A/3P	2
					20 20			
			56 80			;		
27	70A/3P	LITTLE LEAGUE FIELD		56 80		TENNIS COURTS	100A/3P	2
					56 80	!		
31			10			120/240V TRANSFORMER	30A/2P	3
33	-			10		120) 2101 THURST ONWER	00/1/21	Ľ
35	_	-				_	_	3
37	****		_ _			-	_	3
39	_					- ·	_	4
41	<u> </u>				_ _			

P	ANEL	"B-TINGLEY"		240V, 1 ACE MO		RE, 50A MAIN BREAKER, 12 CKT,	<	1
СКТ	BKR RTNG	LOAD DESCRIPTION		AMP ØA	LOAD ØB	LOAD DESCRIPTION	BKR RTNG	СКТ
1	20A/1P	EXISTING LOAD		_		EXISTING LOAD	20A/1P	2
3	20A/1P	EXISTING LOAD			<u> </u>	EXISTING LOAD	20A/1P	4
5	20A/1P	EXISTING LOAD		_		CONTROLS	20A/1P	6
7	20A/1P	RECEPTACLE			-	CONTROLS	20A/1P	8
9	-	SPACE		_		SPARE	20A/1P	10
11	-	SPACE			_	SPARE	20A/1P	12
					_			
			,	_		•		

						13	and the same of th	
P	ANEL	"A-BULLHEAD"	480/277 BREAKE	7V, 3ø, R, 30 C	3 WIRE KT, SUF	, 400A, 100% RATED MAIN CIRCUI RFACE MOUNT, BOTTOM FEED.	J) (1
СКТ	BKR RTNG	LOAD DESCRIPTION	AMP ØA	ERAGE ØB	L'OAD ØC	LOAD DESCRIPTION	BKR RTNG	СК
1	60A/2P	SCOREBOARD TRANSFORMER				PUMP CONTROLLER	50A/2P	2
5	25A/2P	SECURITY LIGHTING	- -			SPRINKLER CONTROLLERS	25A/2P	6
9	_	SPACE		-		SPACE	_	1(
11	-	SPACE			_	SPACE	_	1:
15	100A/3P	FIELD 1	70 70	70 70	70 70	FIELD 3	100A/3P	16
21	100A/3P	FIELD 2	70 70	70 70	70 70	FIELD 4	100A/3P	22
25		_	_		, ,			
27		_		<u> </u>		CONTROL TRANSFORMER	30A/2P	26
29	_	- .			<u> </u>	-		30
				_	_			

BKR RTNG 0A/1P	LOAD DESCRIPTION EXISTING LOAD		AMP ØA	LOAD	LOAD DESCRIPTION	BKR	СК
0A/1P	EXISTING LOAD			ØВ	EOAD DESCRIPTION	RTNG	CK
			_		EXISTING LOAD	20A/1P	2
0A/1P	EXISTING LOAD			_	EXISTING LOAD	20A/1P	4
0A/1P	EXISTING LOAD		_		CONTROLS	20A/1P	6
0A/1P	RECEPTACLE			_	CONTROLS	20A/1P	8
_	SPACE		_		SPARE	20A/1P	10
-	SPACE				SPARE	20A/1P	12
	-		_	_			
(DA/1P	DA/1P EXISTING LOAD DA/1P RECEPTACLE - SPACE	DA/1P EXISTING LOAD DA/1P RECEPTACLE - SPACE	DA/1P EXISTING LOAD DA/1P RECEPTACLE - SPACE	DA/1P EXISTING LOAD DA/1P RECEPTACLE SPACE	DA/1P EXISTING LOAD _ CONTROLS DA/1P RECEPTACLE _ CONTROLS - SPACE _ SPARE	DA/1P EXISTING LOAD

P	ANEL	"A-LOS ALTOS"	277 BRE	7/480V, EAKER,	3ø, 3 30 CKT	WIRE, 400A, 100% RATED MAIN CIF , SURFACE MOUNT, TOP FEED.	RCUIT	1
СКТ	BKR RTNG	LOAD DESCRIPTION	AMP ØA	erage Øb	ØC ØC	LOAD DESCRIPTION	BKR RTNG	СКТ
1	20A/1P	SPARE	_			SPARE	20A/1P	2
3	20A/1P	SPARE	-	<u> </u>		SPARE	20A/1P	4
5	20A/1P	SPARE			_	SPARE	20A/1P	6
9	30A/2P	CONTROL TRANSFORMER	21 _	21 -		SPARE	30A/3P	10
11	_	SPACE			_			
15	100A/3P	SOFTBALL FIELD 2 LIGHTS	71 71	71 71	71 71	SOFTBALL FIELD 3 LIGHTS	100A/3P	16
19	_	SPACE	1 1			SPACE	_	20
21	_	SPACE		_		SPACE	-	22
23	-	SPACE			· _	SPACE	-	24
25	-	SPACE	_			SPACE	_	26
27	-	SPACE	-	_		SPACE	_	28
29	-	SPACE			_	SPACE	_	30
			163	163	142			
		•				•		

P	ANEL	"B-LOS ALTOS"		120/240V, 1ø, 3 WIRE, 50A MAIN BREAKER, 12 CKT, SURFACE MOUNT								
CKT	BKR RTNG	LOAD DESCRIPTION	AMP ØA	LOAD ØB	LOAD DESCRIPTION	BKR RTNG	СКТ					
1	20A/1P	CONTROL	2		SPARE	20A/1P	2					
3	30A/1P	SPARE		_	SPARE	20A/1P	4					
5	30A/1P	SPARE	_		SPARE	20A/1P	6					
7	20A/1P	RECEPTACLE		2	SPACE	_	8					
9	_	SPACE	_		SPACE	_	10					
11	_	SPACE			SPACE		12					
			2	2								

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RECORD DRAWING Data Marchael State of the owner. NO. DATE REPARKS NO. DATE OF 24, 1994 NO. DATE OF 24, 1994 NO. DATE OF 27, 1994 CITY OF ALBUQUEROUE		RKS									
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BECORD DRAWING Date Allogate and processed passed on the construction records of the owner. Wile the information submitted by the Order of the owner will be the current of the information and the construction records of the owner. No. DATE REMARKS BY BY BY BY BY BY BY B				<u></u>							
BECORD DRAWING Date Allowage of the owner. NO. DATE TO DATE THE STORY OF THE STOR		74									
RECORD DRAWING Date AUGUST 1995 These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. NO DATE OF THE OCT 24, 1994							•				
RECORD DRAWING Date August 1995 These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or ornissions which may appear in the record document as a result thereof. NO DATE OF THE OCT 24, 1994		WEER									
BECORD DRAWING Date ANGUET 1995 These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. DESIGNED BY WERIFIS DESIGNED		ENG			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						
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RECORD DRAWING Date AUGUST 1995 These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. DESIGNED BY WERIFIS DESIGNED						ВХ				ı ı	1994
RECORD DRAWING Date August 1995 These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. CITY OF ALBUQUERQUE DATE DATE DATE						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					OCT 24,
RECORD DRAWING Date August 1995 These drawings while the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. REWARKS NO. DATE SET NO. DATE SET NO. DESIGN DESIGN DESIGN CITY OF ALBUQUERQUE											DATE C
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. AB ON HE WAS A STANDARD TO THE STANDARD TO	•					ARKS	VS				
These drawings have been revised based on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. AB ON HE WAS A STANDARD TO THE STANDARD TO	DECODE DELIVERIO				MING	REM/	NSIO!	JESIGN		Ĝ	
Owner will be assumed to be reliable, the Engineer will not be responsible for the accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof. A	Date AUGUST 1995			- 1	-		RE	-	RIFFIS	AUGLAN	EALY
1/93038.11ED2/CITYPAN/8-7-95/SJH	on the construction records of the owner. While the information submitted by the Owner will be assumed to be reliable, the Engineer will not be responsible for the				 +				>		
1/93038.11ED2/CITYPAN/8-7-95/SJH	accuracy of this information nor for errors or omissions which may appear in the record document as a result thereof.				8/2/95	DATE			NED BY	N B≺	KED BY
CITY OF ALBUQUERQUE	1/93038.11ED2/CITYPAN/8-7-95,	/с III			7	_			DESIG	DRAW	CHEC
The state of the s	CITY OF ALBUQU	ERQUE		— <u>`</u>		 -		<u>_</u>			

SOFTBALL FIELDS LIGHTING RENOVATIONS

ENGINEER DATE APPROVALS

SCHEDULES

WASTE WATER

PARKS

4947.90 MAP NO. N/A SHEET E11 OF

ENGINEER DATE

1 2 3 4 6 6 7 8 9 10 11 12 13 14 15 2 4 - 4 9 4 7 . 9 0 6 1 1 9 5

TITLE:

APPROVALS

TRANSPORTATION

DRC CHAIRMAN

HYDROLOGY

PROJECT NO.

REDRAWN FOR RECORD PURPOSES

P	ANEL	"A-TINGLEY"	480/27 BREAKE	ER, 42	CKT,	SURFACI	DA, 100% RATED MAIN CIRCUIT E MOUNT, BOTTOM FEED.	<	1
CKT	BKR RTNG	LOAD DESCRIPTION		AMPI ØA	ERAGE ØB	LOAD ØC	LOAD DESCRIPTION	BKR RTNG	CK
3	40A/3P	FOOTBALL FIELD 1		32 32	32 32	32 32	FOOTBALL FIELD 2	40A/3P	4
9	40A/3P	FOOTBALL FIELD 1	· ·	32 32	32 32	32 32	FOOTBALL FIELD 2	40A/3P	10
15	70A/3P	SOFTBALL FIELD 1, INFIE	:LD	34 34	34 34	34 34	SOFTBALL FIELD 2, INFIELD	50A/3P	16
21	70A/3P	SOFTBALL FIELD 1, OUTFI	ELD	20 20	20 20	20 20	SOFTBALL FIELD 2, OUTFIELD	70A/3P	22
27	70A/3P	LITTLE LEAGUE FIELD		56 80	56 80	56 80	TENNIS COURTS	100A/3P	28
31	_	_		10			120/240V TRANSFORMER	30A/2P	32
33 35		· —			10	<u> </u>	<u> </u>		36
37	_	——————————————————————————————————————						<u> </u>	38
39	_				_		<u> </u>	_	40
41	traction	_				_	-	_	
				382	382	372			

P	ANEL	"B-TINGLEY"		120/240V, 1ø, 3 WIRE, 50A MAIN BREAKER, 12 CKT, SURFACE MOUNT					
СКТ	BKR RTNG	LOAD DESCRIPTION		AMP ØA	LOAD ØB	LOAD DESCRIPTION	BKR RTNG	СКТ	
1	20A/1P	EXISTING LOAD	:	_		EXISTING LOAD	20A/1P	2	
3	20A/1P	EXISTING LOAD			_	EXISTING LOAD	20A/1P	4	
5	20A/1P	EXISTING LOAD		_		CONTROLS	20A/1P	6	
7	20A/1P	RECEPTACLE			_	CONTROLS	20A/1P	8	
9	_	SPACE		_		SPARE	20A/1P	10	
11	-	SPACE			_	SPARE	20A/1P	12	
				_	_			-	
			·						

P	ANEL	"A-BULLHEAD"	480/277 BREAKER	7V, 3ø, R, 30 C	4 WIRE KT, SUF	, 400A, 100% RATED MAIN CIRCURFACE MOUNT, BOTTOM FEED.	JIT (1
CKT	BKR	LOAD DESCRIPTION		ERAGE	ī	LOAD DESCRIPTION	BKR	СКТ
	RTNG		ØΑ	ØВ	ØС	:	RTNG.	
1	60A/2P	SCOREBOARD TRANSFORMER		, <u>–</u>		PUMP CONTROLLER	50A/2P	2
5	25A/2P	SECURITY LIGHTING	<u> </u>		_	SPRINKLER CONTROLLERS	25A/2P	6
9	_	SPACE		_		SPACE	_	10
11	_	SPACE			<u> </u>	SPACE	_	12
15	100A/3P	FIELD 1	70 70	70 70	70 70	FIELD 3	100A/3P	16
21	100A/3P	FIELD 2	70 70	70 70	70 70	FIELD 4	100A/3P	22
25	_	· —	_				, control	
27	<u> </u>	·		_		CONTROL TRANSFORMER	30A/2P	26
29		-			_	: -		30
			_	_	_			

ANEL	"B-BULLHEAD"	12 Sl	:0/240\ JRFACE	/, 1ø, 3 MOUNT	WIRE, 50A MAIN BREAKER, 12 (CKT,	1
BKR RTNG	LOAD DESCRIPTION		AMP ØA	LOAD ØB	LOAD DESCRIPTION	BKR RTNG	CK
20A/1P	EXISTING LOAD		_		EXISTING LOAD	20A/1P	2
20A/1P	EXISTING LOAD				EXISTING LOAD	20A/1P	4
20A/1P	EXISTING LOAD		_		CONTROLS	20A/1P	6
20A/1P	RECEPTACLE			_	CONTROLS	20A/1P	8
_	SPACE		_		SPARE	20A/1P	10
-	SPACE			_	SPARE	20A/1P	12
			-	_			
	BKR RTNG 20A/1P 20A/1P 20A/1P	BKR RTNG LOAD DESCRIPTION 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P RECEPTACLE - SPACE	BKR RTNG LOAD DESCRIPTION 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P RECEPTACLE — SPACE	BKR RTNG LOAD DESCRIPTION BKR RTNG 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P EXISTING LOAD 20A/1P RECEPTACLE SPACE SURFACE AMP ØA 2MP ØA	BKR RTNG LOAD DESCRIPTION BKR RTNG BKR RTNG BKR LOAD DESCRIPTION BKR AMP LOAD BKR BKR AMP LOAD BKR	BKR RTNG LOAD DESCRIPTION BKR RTNG LOAD DESCRIPTION 20A/1P EXISTING LOAD 30A/1P RECEPTACLE - SPACE SPARE	SURFACE MOUNT SURFACE MOUN

P	ANEL	"A-LOS ALTOS"	277 BR	7/480V, EAKER,	3ø, 4 30 CKT	WIRE, 400A, 100% RATED MAIN CI , SURFACE MOUNT, TOP FEED.	RCUIT (1
СКТ	BKR	LOAD DESCRIPTION	AMP	ERAGE	LOAD	LOAD DESCRIPTION	BKR	СКТ
	RTNG	EOAD DESCRIPTION	ØΑ	ØВ	ØС	LOAD DESCRIPTION	RTNG	CKI
1	20A/1P	SPARE	=			SPARE	20A/1P	2
3	20A/1P	SPARE		_		SPARE	20A/1P	4
5	20A/1P	SPARE			_	SPARE	20A/1P	6
9	304 /2D	CONTROL	21					
Э	30A/2P	TRANSFORMER		21 -		SPARE	30A/3P	10
11	_	SPACE			_			
			71 71					
15	100A/3P	SOFTBALL FIELD 2 LIGHTS		71 71		SOFTBALL FIELD 3 LIGHTS	100A/3P	16
					71 71			
19	_	SPACE	=			SPACE	_	20
21	_	SPACE		_		SPACE	_	22
23	_	SPACE			_	SPACE	_	24
25	-	SPACE	_			SPACE	_	26
27	-	SPACE		_		SPACE	1 –	28
29	_	SPACE			_	SPACE	_	30
		-	163	163	142		•	

P	ANEL	"B-LOS ALTOS"		120/240V, 1ø, 3 WIRE, 50A MAIN BREAKER, 12 CKT, SURFACE MOUNT							
СКТ	BKR RTNG	LOAD DESCRIPTION	AMP ØA	LOAD ØB	LOAD DESCRIPTION	BKR RTNG	СКТ				
1	20A/1P	CONTROL	2		SPARE	20A/1P	2				
3	30A/1P	SPARE		_	SPARE	20A/1P	4				
5	30A/1P	SPARE	_ _		SPARE	20A/1P	6				
7	20A/1P	RECEPTACLE		2 -	SPACE	_	8				
9		SPACE	_		SPACE	_	10				
11		SPACE		_ 	SPACE	_	12				
			2	2							
					The second secon						

	KEYED	NOTES	\bigcirc
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1 NEMA 1 ENCLOSURE, FRONT HINGED TO BOX.

	AS BUILT INFORMATIO	CONTRACTOR	WORK STAKED BY DATE	INSPECTOR'S ACCEPTANCE BY DATE	FIELD DATE VERIFICATION BY	DRAWINGS BY DATE	MICRO-FILM INFORMATI	RECORDED BY DATE	,	
	BENCH MARKS	0	<i>≶</i> 0	4		00		2	NO.	
	SURVEY INFORMATION	FIELD NOTES	NO. BY DATE							
	ENGINEER'S SEAL	HATTER OF STREET								
					KS BY			DATE OCT 24, 1994	DATE OCT 24, 1994	DATE OCT 24, 1994
					REMARKS	REVISIONS	DESIGN	W GRIFFIS	S HAUGLAND	J KEALY
-∕PCS JERC			4	9 1	NO. DATE			DESIGNED BY	DRAWN BY	CHECKED BY

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THIS SHEET SUPERSEDED BY
SIMILAR SHEET MARKED
"REDRAWN FOR RECORD PURPOSES"

CITY OF ALBUQUERQUE
PARKS & GENERAL SERVICES DEPARTMENT
DESIGN & DEVELOPMENT DIVISION

SOFTBALL FIELDS LIGHTING RENOVATIONS

SCHEDULES

APPROVALS ENGINEER DATE APPROVALS ENGINEER DATE

DRC CHAIRMAN NA WATER

TRANSPORTATION NA WASTE WATER

HYDROLOGY NA PARKS

D. SULLA 10.17.99

PROJECT NO. 4947.90 MAP NO. N/A SHEET E11 OF