

1 TYPICAL PANEL RISER DIAGRAM AT SERVICE POINT R
N.T.S.

NOTE:

1. PROVIDE ALL INSTALLATION HARDWARE INCLUDING UNISTRUT FRAMEWORK FOR SECURE INSTALLATION.
2. TERMINAL BLOCK CAN TO HAVE BLOCKS AND SPACE FOR MIN. OF 12 MORE CIRCUITS FOR FUTURE EXPANSION.
3. EXACT LOCATION OF PANEL TO BE DETERMINED AT PROJECT SITE.
4. SERIES RATING FOR CIRCUIT BREAKERS SHALL BE 65K AIC.
5. ENTIRE INSTALLATION TO BE RATED FOR OUTDOOR INSTALLATION. PANEL AND SWITCH SHALL HAVE PROVISIONS FOR LOCKING.
6. EXACT LOCATIONS OF EQUIPMENT SHALL BE DETERMINED AT THE PROJECT SITE.
7. PROGRAM LIGHTS 'ON' BY PHOTO CELL AND 'OFF' BY TIME CLOCK.

LIGHT FIXTURE SCHEDULE					
TYPE	DESCRIPTION	LAMP	MANUFACTURER	CATALOGUE NO.	FINISH
A	CUSTOM STYLE	175 MH	BEGA	980IMH	BLACK
A-POLE	15'-8" ROUND		BEGA	1508HR	BLACK
B	CUSTOM STYLE	175 MH	BEGA	980IMH (2 PER POLE)	BLACK
B-POLE	15'-8" ROUND		BEGA	1508HR	BLACK

NOTES:

1. PROVIDE REINFORCED CONCRETE BASE, ANCHOR BOLTS AND REQUIRED ACCESSORIES.
2. BID SHALL BE BASED UPON THE ABOVE LISTED FIXTURES TO MATCH PHASE I FIXTURES.
3. PROVIDE MATCHING BASE COVER FOR EACH FIXTURE.
4. ALL FIXTURES ARE 240 VOLT AND REQUIRE DOUBLE FUSING.
5. A CUSTOM HINGED POLE IS REQUIRED FOR FIXTURE TYPE A & B (45° HINGED).
6. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. FIXTURES TYPE B TO BE INSTALLED 90° APART.

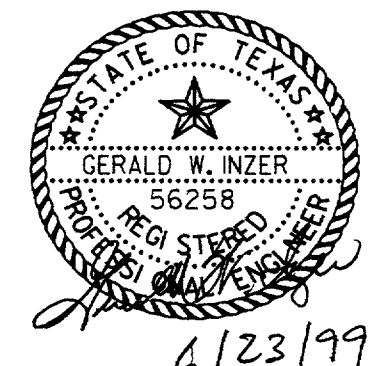


GENERAL NOTES		CIRCUIT SCHEDULE				
NUMBER	DESCRIPTION	CONDUIT DESIGNATION	CIRCUIT NUMBERS	PANELBOARD	CIRCUIT BREAKER	CONDUCTORS
1	THE TERM 'PROVIDE' SHALL MEAN FOR THE CONTRACTOR TO FURNISH AND INSTALL A COMPLETE OPERATING SYSTEM.		R-1, 3		20 AMP, 2 POLE	(2) #8
2	REFER TO PHASE I PUBLIC INFRASTRUCTURE DRAWINGS FOR ADDITIONAL INFORMATION ON TREE LIGHTING CONDUIT LOCATIONS.		R-5, 7		20 AMP, 2 POLE	(2) #8
KEY NOTES (SEE E14)			R-9, 11	PANEL "R"	20 AMP, 2 POLE	(2) #8
			R-13, 15		20 AMP, 2 POLE	(2) #8
			R-2, 4	100 AMP M.C.B. 120/240 VOLT 1PHASE, 3 WIRE W/ GROUND	20 AMP, 2 POLE	(2) #8
			R-6, 8	10-20A-2P C.B. 2-20A-1P C.B.	20 AMP, 2 POLE	(2) #8
			R-10, 12		20 AMP, 2 POLE	(2) #8
			R-14, 16		20 AMP, 2 POLE	(2) #8
					20 AMP, 1POLE	(1) #8 GROUND (2) #10 P.E.C.
<p>NOTES TO CIRCUIT SCHEDULE:</p> <ol style="list-style-type: none"> 1. MAINTAIN ABOVE CONDUCTORS THROUGHOUT ALL PULL BOXES. 2. CONDUIT DESIGNATIONS ABOVE ARE ALL 2" CONDUITS. 						
ELECTRICAL LEGEND						
SYMBOL	DESCRIPTION					
2"	2" CONDUIT FOR STREET LIGHTING CIRCUITS FROM PANELBOARD TO EACH PULL BOX AND TO EACH STREET LIGHT FIXTURE.					
HH	PULL BOX. (12" W x 12" D x 18" L)					
(R)	CONDUIT IDENTIFICATION FOR NEW MAIN FEEDERS.					
R-2,4	CIRCUIT NUMBERS FROM PANELS AT SERVICE POINTS INDICATED IN DRAWING E14.					
←	HOME RUN TO PANEL. PROVIDE CONDUIT AND WIRE FROM PULL BOX TO PANELBOARD.					
●	STREET LIGHT FIXTURE TYPE 'A'.					
★	STREET LIGHT FIXTURE TYPE 'B'.					

GENERAL ELECTRICAL NOTES FOR THIS PROJECT WHICH APPLY TO DRAWING E14:

1. LOCATIONS OF ALL LIGHT FIXTURES, PULL BOXES AND ROUTING OF CONDUITS SHALL BE IDENTIFIED ON THE SITE BY STAKES AND PAINT PRIOR TO ANY EXCAVATION. REQUIREMENTS FOR CONDUIT ROUTING ARE PROVIDED ON DRAWINGS AND SPECIFICATIONS. OWNER WILL REVIEW AT THE SITE AND PROVIDE DIRECTIONS ON FIELD ADJUSTMENTS OF UP TO 10 FEET FROM LOCATIONS SHOWN ON THE DRAWINGS.
2. CONTRACTOR SHALL COORDINATE STORM WATER, WASTEWATER, WATER, IRRIGATION AND ELECTRICAL CONDUIT TRENCHING AND INSTALLATION TO MINIMIZE THE DISTURBANCE OF EXISTING TREE ROOTS.
3. ALL PULL BOXES ARE 12" X 18" X 12" DEEP CONCRETE BOX WITH BOLT ON CONCRETE COVER SIMILAR TO T.U. SUBSURFACE SECONDARY BOX. INSTALL CONDUITS NEAR CORNER OF BOX TO ALLOW CONDUCTORS TO LOOP THROUGH BOX.

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY GERALD W. INZER, P.E. 56258 ON



DATE	DESCRIPTION	REF NO.
6/23/99	ISSUED FOR CONSTRUCTION	N/A
5/17/99	ISSUED FOR BID	N/A

STREET LIGHT NOTES & DETAILS

ADDISON CIRCLE
PHASE II-B PUBLIC INFRASTRUCTURE
TOWN OF ADDISON, TEXAS

313 McKinney Ave., Suite 600, Dallas, TX 75204
Phone: (214) 871-3311/Fax: (214) 871-0757

DESIGN	DRAWN	APPR.	SCALE	DATE	PROJECT NO.	NO.
HZI	HZI	DEM	N.T.S.	MAR. 99	01-1822-50	E15

RECORD
DRAWING