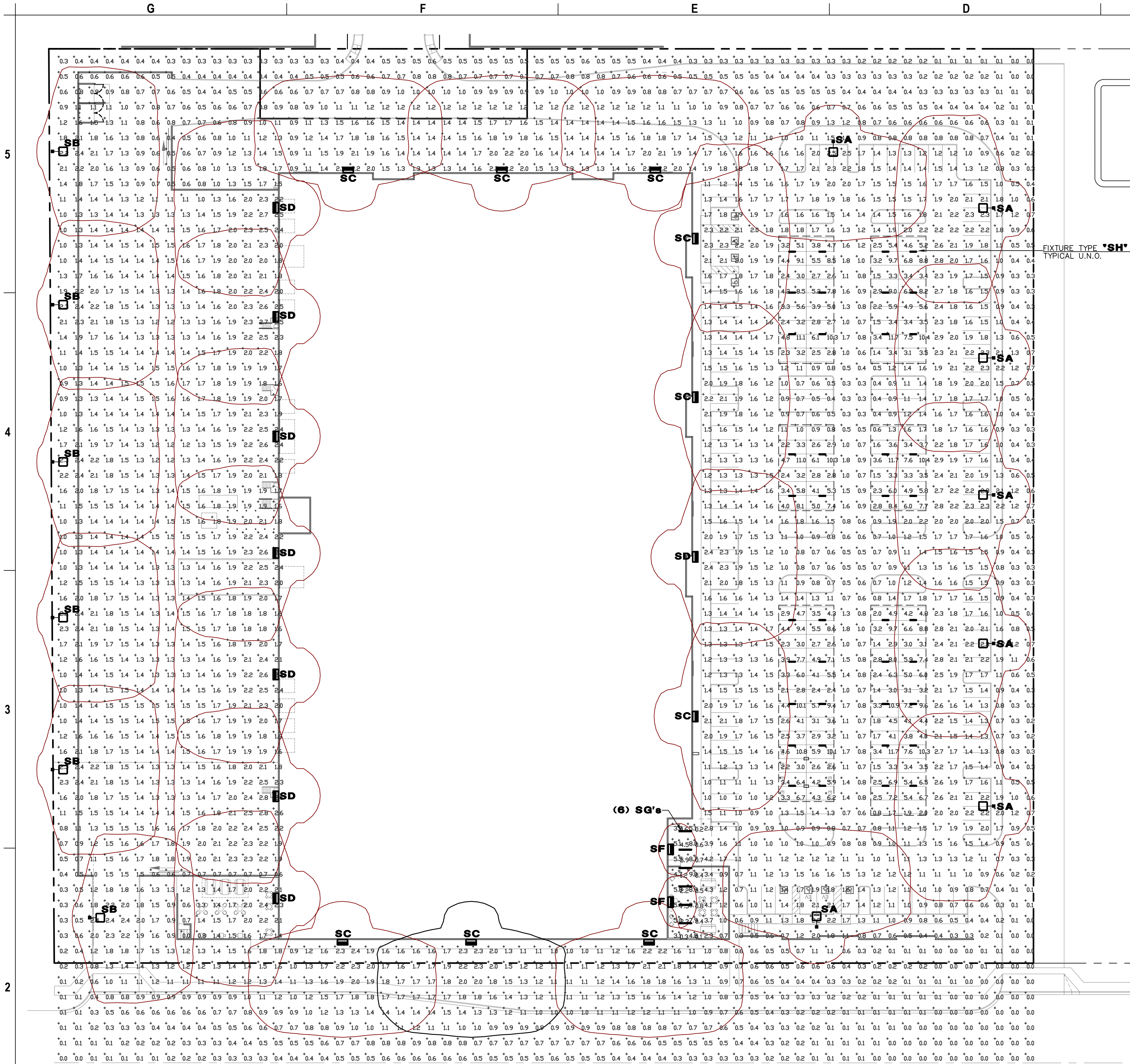
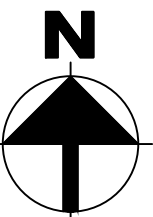




ELECTRICAL SITE PHOTOMETRIC PLAN

SCALE: 1" = 40'-0"



PRELIMINARY
NOT FOR CONSTRUCTION

DESIGN CODES
IECC, 2024 NEC, 2023

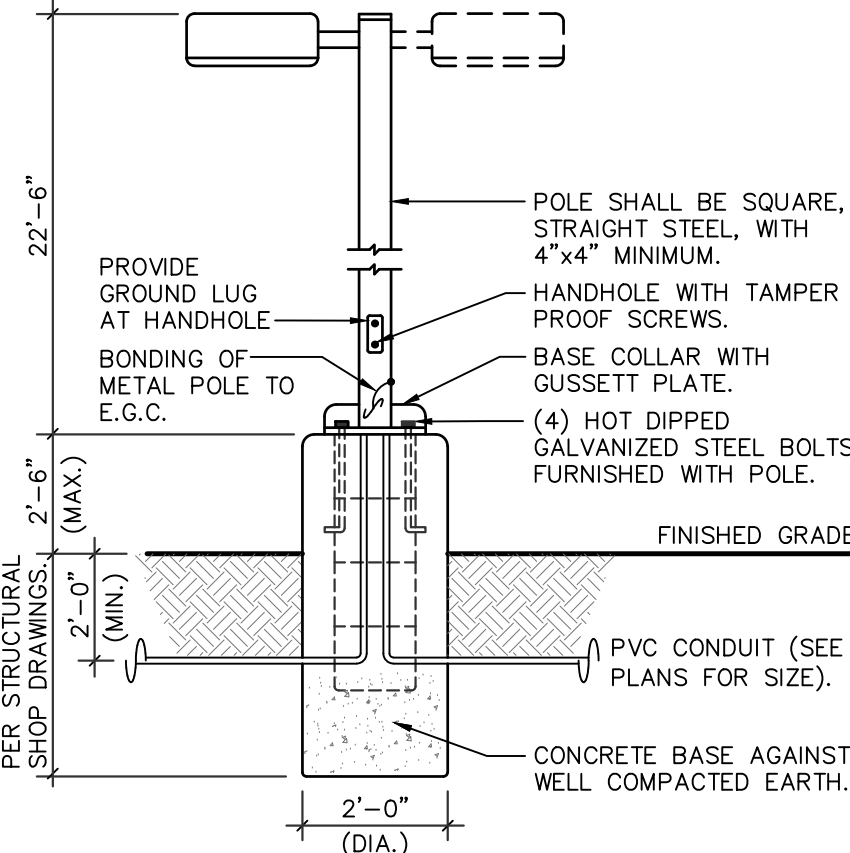
ELECTRICAL CONTRACTOR SHALL NOTIFY
DESIGNER/ENGINEER PRIOR TO ANY DEVIATION
FROM THIS SET OF ELECTRICAL DESIGN PLANS.
ANY CHANGES TO THE DESIGN, IF APPROVED
BY ENGINEER, WILL REQUIRE REVISIONS TO
PLANS AND POSSIBLE ADDITIONAL SERVICE
FEE.

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the Hawkins Design Group Inc., and shall not be used for any other purposes other
than originally intended without written permission of the engineer.

IF DRAWING IS NOT PLOTTED AT 24 X 36 THEY ARE NOT FULL SIZE

POLE MOUNTED FIXTURE DETAIL



FIXTURE TYPE "SA"/"SB"/"SC"/"SD"

THE POLE CONCRETE BASE DETAIL IS SHOWN FOR ELECTRICAL ROUGH-IN AND SHALL NOT BE USED FOR THE ACTUAL BASE CONSTRUCTION. POLE BASE SHALL BE DESIGNED BY A REGISTERED STRUCTURAL PROFESSIONAL ENGINEER AND CONSTRUCTED PER STRUCTURAL ENGINEERS SEALED CONSTRUCTION DOCUMENT.

NOTE: ELECTRICAL CONTRACTOR SHALL BOND METAL POLE PER NEC 410.30(B)(5) AS SHOWN IN DETAIL.

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
ONSITE FC	+	1.5 Fc	11.7 Fc	0.0 Fc	N/A	N/A
BALCONY	+	1.8 Fc	7.5 Fc	0.1 Fc	75.01	18.01

Schedule															
Symbol	Label	QTY	Manufacturer	Catalog	Description			Lamp	Number Lamps	Lamp Output	Intensity	LLF	Total Output	Input Power	
	SA	7	LITHONIA	DSX1 LED P4 40K BOCRI T4H MVOLT SPA (FINISH / SSS 22.5' POLE WITH 2.5' BASE	D-Series Size 1 Area Luminare P4 Performance Package 4000K CCT 80 CRI Type 4 Medium			LED 4000K	1	14930	1	0.91	14930	123.94	
	SB	6	LITHONIA	DSX1 LED P4 40K BOCRI T4H MVOLT SPA HS (FINISH / SSS 22.5' POLE WITH 2.5' BASE	D-Series Size 1 Area Luminare P4 Performance Package 4000K CCT 80 CRI Forward Throw Housewide Shield			LED 4000K	1	12607	1	0.91	12607	123.9373	
	SC	9	LITHONIA	DSX1 LED P4 40K BOCRI T4H MVOLT VBA (FINISH / SSS 22.5' POLE WITH 2.5' BASE	D-Series Size 1 Area Luminare P4 Performance Package 4000K CCT 80 CRI Type 4 Medium, MOUNTED AT 25'			LED 4000K	1	14930	1	0.91	14930	123.94	
	SD	8	LITHONIA	DSX1 LED P4 40K BOCRI T4H MVOLT VBA (FINISH / SSS 22.5' POLE WITH 2.5' BASE	D-Series Size 1 Area Luminare P4 Performance Package 4000K CCT 80 CRI Forward Throw, MOUNTED AT 25'			LED 4000K	1	15033	1	0.91	15033	123.94	
	SF	2	LITHONIA	WDS1 LED P2 40K BOCRI VV MVOLT SRM (FINISH / SSS 22.5' POLE WITH 2.5' BASE	WDS1 LED WITH P2 - PERFORMANCE PACKAGE, 4000K, BOCRI, VISUAL COMFORT WIDE OPTIC, MOUNTED AT 10' ABOVE BALCONY LEVEL			LED 4000K	1	1982	1	0.91	1982	15.0178	
	SG	6	AXIS	EX45 400 80 35 SD 8 (FINISH) UNV DP 1 (MOUNTING)	Extend 4 Surface with Spotless lens, MOUNTED AT 15'			LED 4000K	1	1592	1	0.91	3184	27.8	
	SH	40	LITHONIA	CLX L48 4000LM SEL RFL MVOLT GZ10 40K BOCRI (FINISH)	CLX LED linear- 48", 4000 lumens, Standard efficiency, Less louver, Round diffuser, General, 4000K, BOCRI, MOUNTED AT 10'			LED 4000K	1	4019	1	0.91	4019	25.54	

LGE DESIGNBUILD

LGE DESIGNBUILD

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ER2

S.W.C. OF GREEFIELD ROAD AND McDOWLL ROAD
MESA, ARIZONA

ISSUE / REVISION LOG

DESCRIPTION DATE

ISSUE DATE:

PROJECT NO:

PROJECT MANAGER:

PRELIMINARY NOT
FOR CONSTRUCTION

Expires: XX/XX/XX

DR1.0

ELECTRICAL SITE PHOTOMETRIC PLAN

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PROPERTY OF LGE DESIGN GROUP AND LGE DESIGN BUILD. THE USE
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DR 2ND SUBMITTAL - 06/15/26

