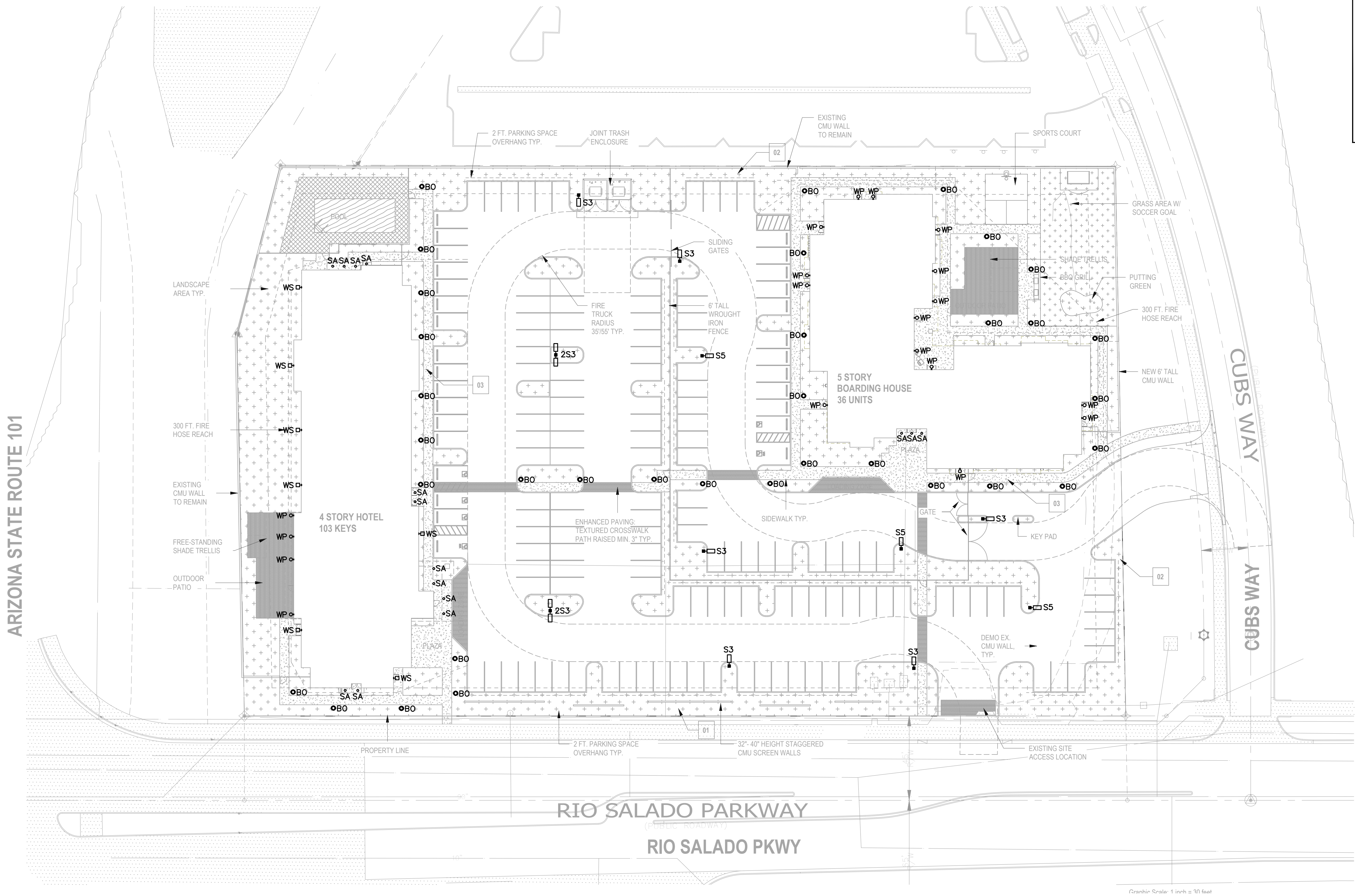
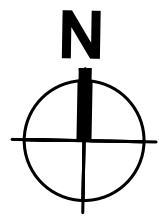




1 SITE LIGTING PLAN
1" = 30'-0"



BO

SA

WP

WS

S3

S5

2S3

LED BOLLARD LIGHT, 40W LED, 2,400 LUMEN OUTPUT. MOUNT AT +42" A.F.F.

4" ROUND SURFACE MOUNTED LED LIGHT, 12W LED, 1,190 LUMEN OUTPUT. MOUNT AT +10-0" A.F.F.

OUTDOOR WALL PACK, TRAPEZOID, 30W LED, 1,826 LUMEN OUTPUT. WALL MOUNT AT +10'-0" A.F.F.

OUTDOOR WALL SCONCE, 30W LED, 1,287 LUMEN OUTPUT. WALL MOUNT AT +10'-0" A.F.F.

SINGLE HEAD, FULL CUT-OFF POLE LIGHT, 150W LED, WITH 20,831 LUMEN OUTPUT, TYPE III DISTRIBUTION. POLE MOUNT AT +25'-0" MEASURED FROM BOTTOM OF FIXTURE LENS TO ABOVE FINISHED GRADE.

SINGLE HEAD, FULL CUT-OFF POLE LIGHT, 150W LED, WITH 20,831 LUMEN OUTPUT, TYPE V DISTRIBUTION. POLE MOUNT AT +25'-0" MEASURED FROM BOTTOM OF FIXTURE LENS TO ABOVE FINISHED GRADE.

TWIN HEAD, FULL CUT-OFF POLE LIGHT, TWO (2) 150W LEDs, WITH 20,831 LUMEN OUTPUT EACH HEAD, TYPE III DISTRIBUTION. POLE MOUNT AT +25'-0" MEASURED FROM BOTTOM OF FIXTURE LENS TO ABOVE FINISHED GRADE.

NOTES:

1. LUMINAIRE MOUNTING HEIGHT IS MEASURED FROM THE BOTTOM OF FIXTURE OR FIXTURE LENS TO ABOVE FINISHED GRADE.

2. REFER TO LIGHT FIXTURE MOUNTING DETAILS ON SHEET SL2.0.

3. REFER TO LUMINAIRE SCHEDULE ON SHEET PH1

Design Group llc

Electrical Engineering Design and Consulting

2415 E. Camelback Road, Suite 700
Phoenix, Arizona 85016
www.edesigngroup.org
Tel: 602-560-3344

REVIEW SET ONLY
NOT FOR CONSTRUCTION
OR RECORDING

CONCEPTUAL DRAWINGS
FOR REVIEW ONLY

BOARDING HOUSE AND HOTEL

2630 W. RIO SALADO PKWY,
MESA, AZ

Rev.	Date:	Description:
△	-	
△	-	
△	-	
△	-	
△	-	

Project No : 25-0XX

Issue Date : 11-24-2025

Drawn By : PH

Checked By : PH

SITE LIGHTING
PLAN

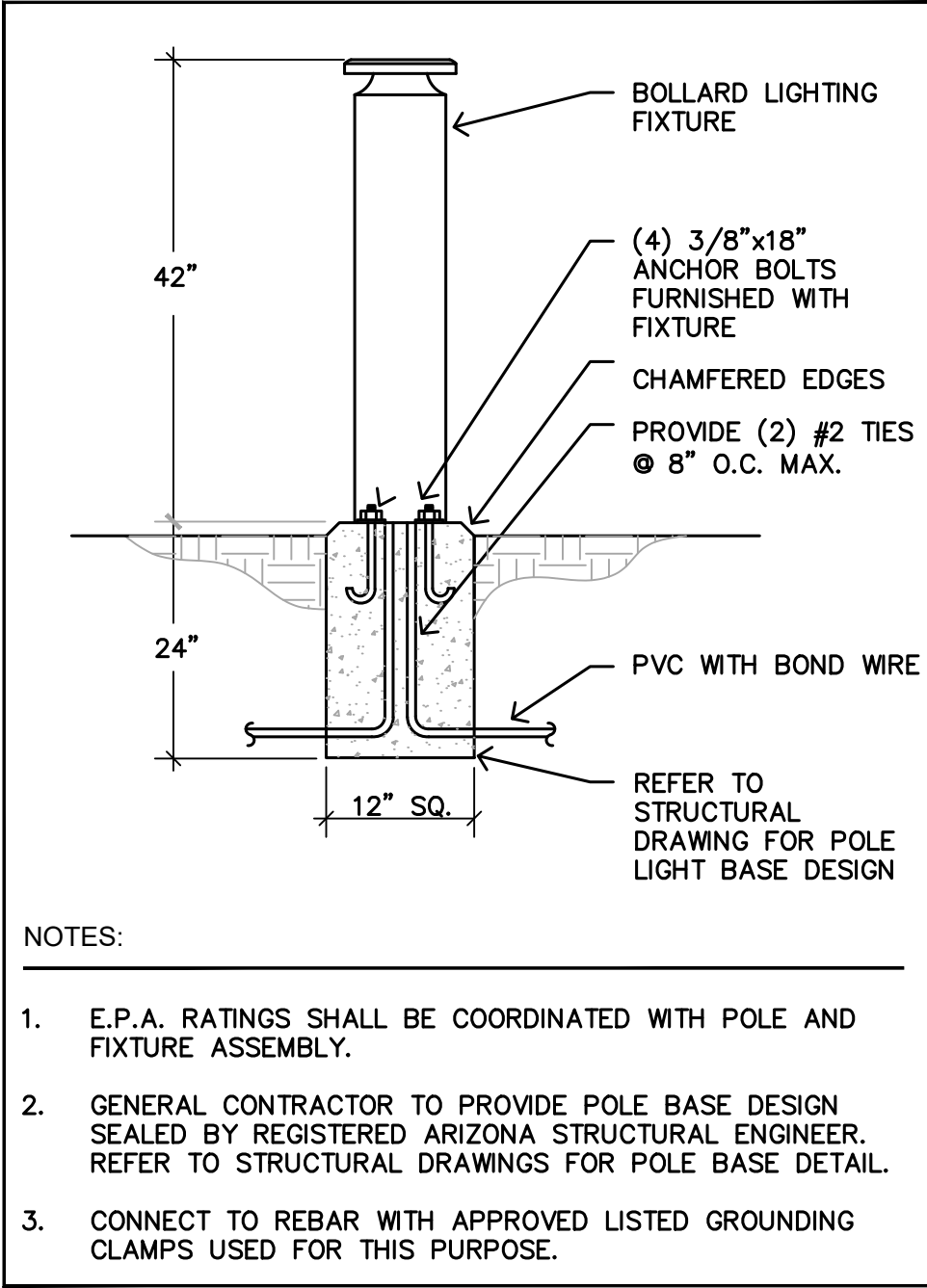
-

-

-

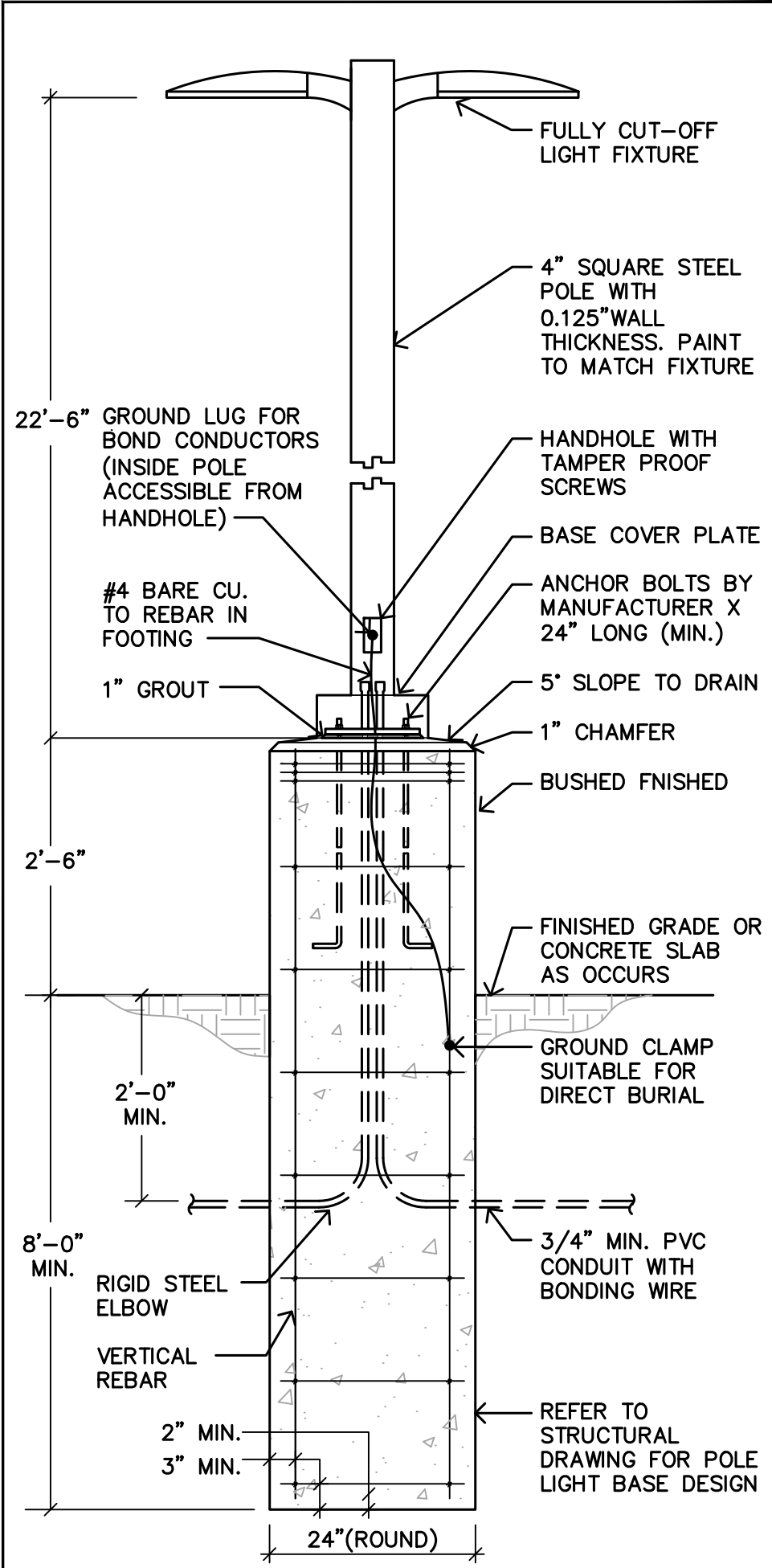
SL1.0

Sheet 1 of 4



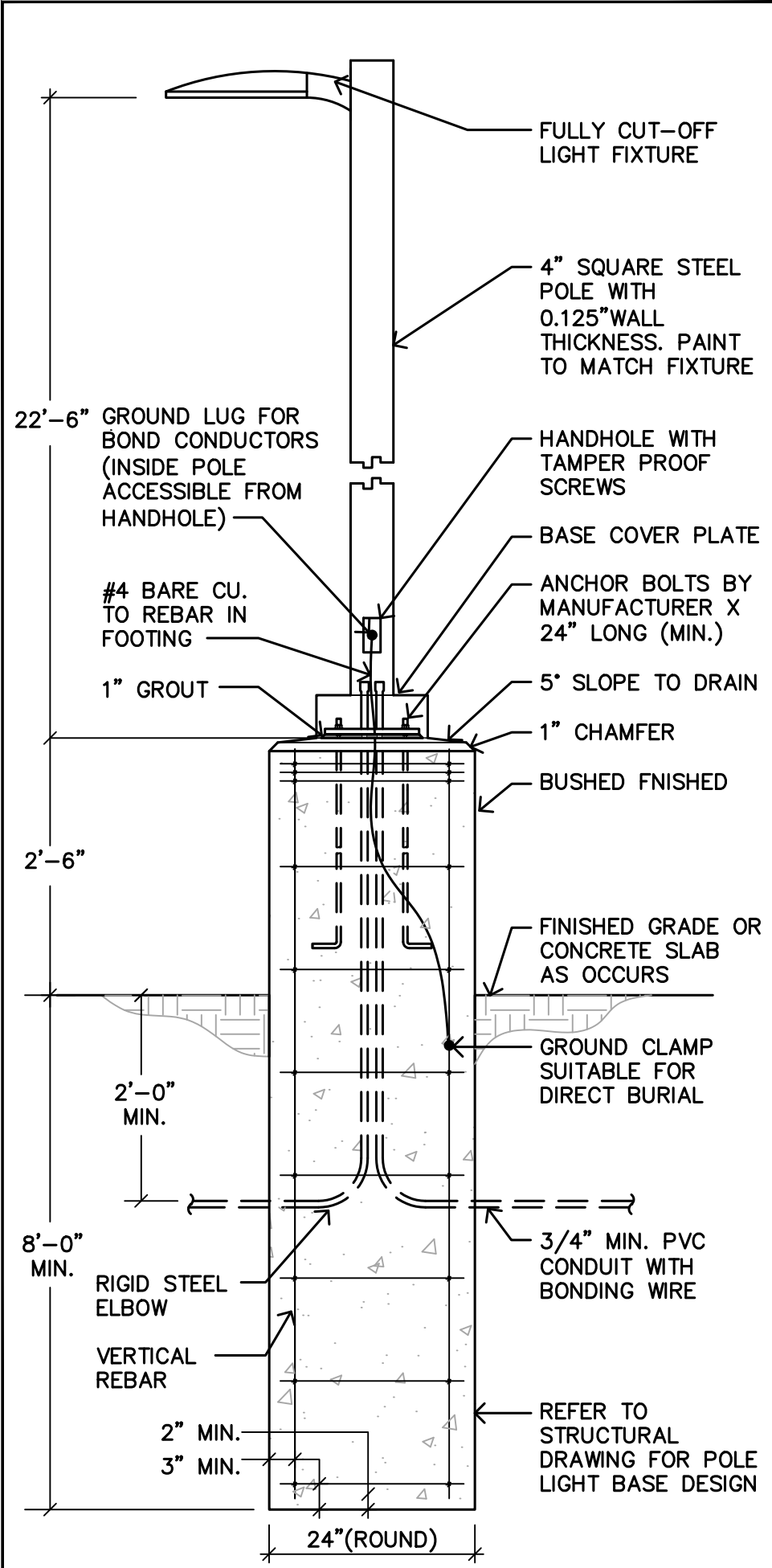
- NOTES:
1. E.P.A. RATINGS SHALL BE COORDINATED WITH POLE AND FIXTURE ASSEMBLY.
 2. GENERAL CONTRACTOR TO PROVIDE POLE BASE DESIGN SEALED BY REGISTERED ARIZONA STRUCTURAL ENGINEER. REFER TO STRUCTURAL DRAWINGS FOR POLE BASE DETAIL.
 3. CONNECT TO REBAR WITH APPROVED LISTED GROUNDING CLAMPS USED FOR THIS PURPOSE.

3 BOLLARD LIGHTING DETAIL 'BO'
SCALE : NONE



- NOTES:
1. E.P.A. RATINGS SHALL BE COORDINATED WITH POLE AND FIXTURE ASSEMBLY.
 2. GENERAL CONTRACTOR TO PROVIDE POLE BASE DESIGN SEALED BY REGISTERED ARIZONA STRUCTURAL ENGINEER. REFER TO STRUCTURAL DRAWINGS FOR POLE BASE DETAIL.
 3. CONNECT TO REBAR WITH APPROVED LISTED GROUNDING CLAMPS USED FOR THIS PURPOSE.

2 POLE MOUNTING DETAIL '2S3'
SCALE : NONE



- NOTES:
1. E.P.A. RATINGS SHALL BE COORDINATED WITH POLE AND FIXTURE ASSEMBLY.
 2. GENERAL CONTRACTOR TO PROVIDE POLE BASE DESIGN SEALED BY REGISTERED ARIZONA STRUCTURAL ENGINEER. REFER TO STRUCTURAL DRAWINGS FOR POLE BASE DETAIL.
 3. CONNECT TO REBAR WITH APPROVED LISTED GROUNDING CLAMPS USED FOR THIS PURPOSE.

1 POLE MOUNTING DETAIL 'S3' & 'S5'
SCALE : NONE

REVIEW SET ONLY
NOT FOR CONSTRUCTION
OR RECORDING

CONCEPTUAL DRAWINGS
FOR REVIEW ONLY

BOARDING HOUSE AND HOTEL
2630 W. RIO SALADO PKWY,
MESA, AZ

Rev.	Date:	Description:
	-	
	-	
	-	
	-	
	-	
Project No : 25-0XX		
Issue Date : 11-24-2025		
Drawn By : PH		
Checked By : PH		

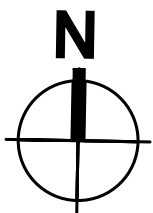
**SITE LIGHTING
FIXTURE
DETAILS**

LUMINAIRE SCHEDULE:							
Symbol	Label	QTY	Catalog Number	Description	Lumene per Lamp	Light Loss Factor	Wattage
	BO	34	BOL-DOM-S106E-BL36-40W	LED BOLLARD LIGHT.	2400	0.95	40
	SA	15	R-EDGE-DISK-12W-0/10V-SCCT 3000K	4" ROUND SURFACE MOUNTED LED LIGHT.	1190	0.95	12
	WP	19	GC-WPL01-W-AC	LED OUTDOOR WALL PACK.	1826	0.95	15
	WS	7	WS-W99418, 3000K)	LED OUTDOOR WALL SCONCE.	1070	0.95	30
	S3	6	CONT-S-120W-40K-T3	SINGLE HEAD POLE LIGHT, LED AREA SERIES SMALL, 120W 4000K TYPE 3.	16941	0.95	120
	S5	3	CONT-S-120-40K-T5	SINGLE HEAD POLE LIGHT, LED AREA SERIES LARGE, 120W 4000K TYPE 5.	15196	0.95	120
	2S3	2	CONT-S-120W-40K-T3	TWIN HEAD POLE LIGHT, LED AREA SERIES SMALL, 120W 4000K TYPE 3.	16941	0.95	240

STATISTICS:						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
PROPERTY LINE		0.5 fc	8.0 fc	0.0 fc	N/A	N/A
SITE		1.8 fc	16.0 fc	0.0 fc	N/A	N/A



1 SITE LIGHTING PHOTOMETRIC STUDY
1" = 30'-0"





Design Group LLC
Electrical Engineering Design and Consulting

2415 E. Camelback Road, Suite 700
Phoenix, Arizona 85016
www.edesigngroup.org
Tel: 602-560-3344

REVIEW SET ONLY
NOT FOR CONSTRUCTION
OR RECORDING

CONCEPTUAL DRAWINGS
FOR REVIEW ONLY

BOARDING HOUSE AND HOTEL

2630 W. RIO SALADO PKWY,
MESA, AZ

Rev.	Date:	Description:
	-	
	-	
	-	
	-	
	-	

Project No : 25-0XX
Issue Date : 11-24-2025
Drawn By : PH
Checked By : PH

SITE LIGHTING
PHOTOMETRIC
STUDY

PH1.0