

LUMINAIRE SCHEDULE				
1. PROVIDE 90 MINUTE EMERGENCY BATTERY BACK-UP FOR ALL EMERGENCY FIXTURES. SEE SCHEDULE BELOW FOR SPECIFICATIONS AND LUMEN REQUIREMENTS.				
2. MODULAR WIRING SYSTEM FOR LIGHT FIXTURES IS AN ACCEPTABLE ALTERNATE.				
3. BASE BID FOR LUMINAIRES SHALL BE BASED ON MANUFACTURERS LISTED IN CONTRACT DOCUMENTS. UPON AWARD OF PROJECT, ALTERNATES PROPOSED BY CONTRACTOR SHALL BE SUBMITTED WITH WRITTEN OWNER APPROVAL & AN ITEMIZED DEDUCT TO BASE BID.				
4. ALTERNATE FIXTURE SELECTIONS MAY REQUIRE ADDITIONAL TIME FOR SUBMITTAL REVIEW & POSSIBLE ENGINEERING DESIGN CHANGES. TO BE BILLED TO THE CONTRACTOR.				
5. PROVIDE MINIMUM 10 MINUTE TIME DELAY ON EMERGENCY FIXTURES WHEN HID AREA LIGHTING IS USED.				
MARK	MANUFACTURER MODEL NUMBER	VOLTS	LAMPS CRI/CCT INPUT WATTS	REMARKS/MOUNTING
SA1	SELUX CORPORATION SAC2L-RSS-1-5G700- 30-14-X-UNV-DM-DS	MVOLT	LED 64.0 WATTS	SINGLE HEAD POLE MOUNTED LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SA2	SELUX CORPORATION SAC2L-RSS-2-5G700- 30-14-X-UNV-DM-DS	MVOLT	LED 128.0 WATTS	DOUBLE HEAD POLE MOUNTED LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SB	SELUX CORPORATION SAC2L-RSS-1-5G700- 30-14-X-UNV-DM-DS	MVOLT	LED 64.0 WATTS	SINGLE HEAD POLE MOUNTED LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SC	LITHONIA LIGHTING DMW2-2000A-HO-PFL -MVOLT-30K-80CRI	MVOLT	LED 18.78 WATTS	CARPORIT MOUNTED LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SD	JUNO LIGHTING JSF-7IN-10LM-30K- 90CRI-MVOLT-1-51-WH	MVOLT	LED 12.8 WATTS	7" SURFACE MOUNTED PUCK LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SF	WAC LIGHTING WS-W57014-BK-AB	120V	LED 5.57 WATTS	WALL SCONCE FIXTURE WITH 0-10V DIMMING
SG	HK LIGHTING GROUP (4)ZXL-16-NF-A-12V -10-20-57(1)TS-50	MVOLT	LED 38.76 WATTS	GROUP OF (4) LANDSCAPE ACCENT LIGHTS (2) UP LIGHTS & (2) DOWN LIGHTS
SH	HK LIGHTING GROUP ZXL-16-NF-A- 12V-10-20-57	MVOLT	LED 9.69 WATTS	LANDSCAPE ACCENT LIGHTS
SJ	LUMINI KMW-XX-72VHD -30-F-A	MVOLT	LED 111.5 WATTS	WET LOCATION LINEAR LIGHT FIXTURE AT TRELLIS WITH 0-10V DIMMING
SK1	SELUX CORPORATION IBL-3.5-2Q90MU- 30-XX-UNV-DM	MVOLT	LED 14.1 WATTS	BOLLARD LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SK2	SELUX CORPORATION IBL-3.5-40S- 30-XX-UNV-DM	MVOLT	LED 27.19 WATTS	BOLLARD LIGHT FIXTURE WITH 0-10V DIMMING, PHOTOCELL AND MOTION SENSOR
SL	WAC LIGHTING 5032-30BZ	120V	LED 11.2 WATTS	3" IN GRADE LIGHT FIXTURE WITH 0-10V DIMMING
SM	LUMINI KBL-SF-X-PL- 30K-XX-XX-XX	MVOLT	LED 42.9 WATTS	WET LOCATION LINEAR LED FIXTURE WITH 0-10V DIMMING
SN	C.W. COLE & CO. L158-HO-2-SOL-DIM	MVOLT	LED 8.78 WATTS	WALL SCONCE FIXTURE WITH 0-10V DIMMING
SP	TOKISTAR EXBK-24-UBIW- 018-F	MVOLT	LED 1.8 WATTS	FESTOON STYLE STRING LIGHT WITH 0-10V DIMMING
SQ	LITHONIA LIGHTING WDGE2-LED-P4- 30K-70CRI-TAM	MVOLT	LED 46.7 WATTS	WALL MOUNTED LIGHT FIXTURE WITH 0-10V DIMMING

NOTE:
IN LIEU OF DIMMING LIGHTING CONTROL PANEL, LIGHT FIXTURES ARE
EQUIPPED WITH INTEGRAL PHOTOCELL/MOTION SENSOR. STEP DIM BY
NO LESS THAN 30% WHEN NO MOTION IS DETECTED FOR MORE THAN
15 MINUTES. EXTERIOR LIGHTING TO COMPLY WITH IECC 2018 C405.2.6
EXTERIOR LIGHTING CONTROLS.

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Hawes Crossing - Mixed Use
Mesa, AZ

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I hereby certify that this plan, specification, or
report was prepared by me or under my direct
supervision and that I am a duly licensed architect
under the laws of the State of Minnesota
Signature _____
Typed or Printed Name _____
License # Date _____



**SITE PLAN REVIEW
&
DESIGN REVIEW
10/24/22**

ORIGINAL ISSUE:

REVISIONS:
No. Description Date

Project Number _____
PROJECT NUMBER

ESG
DRAWN BY _____ CHECKED BY _____

KEY PLAN

C	D
A	B

PLAN NORTH

Hawes Crossing - Mixed Use
ELECTRICAL SITE
LIGHTING PLAN

DR1.0

1 ELECTRICAL SITE LIGHTING PLAN
DR1.0 1" = 40' - 0"

DESIGN CODES
IECC, 2018 NEC, 2017

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SITE PLAN REVIEW
&
DESIGN REVIEW
10/24/22

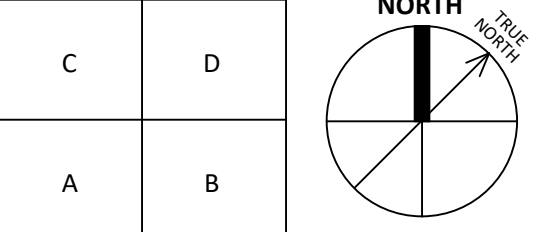
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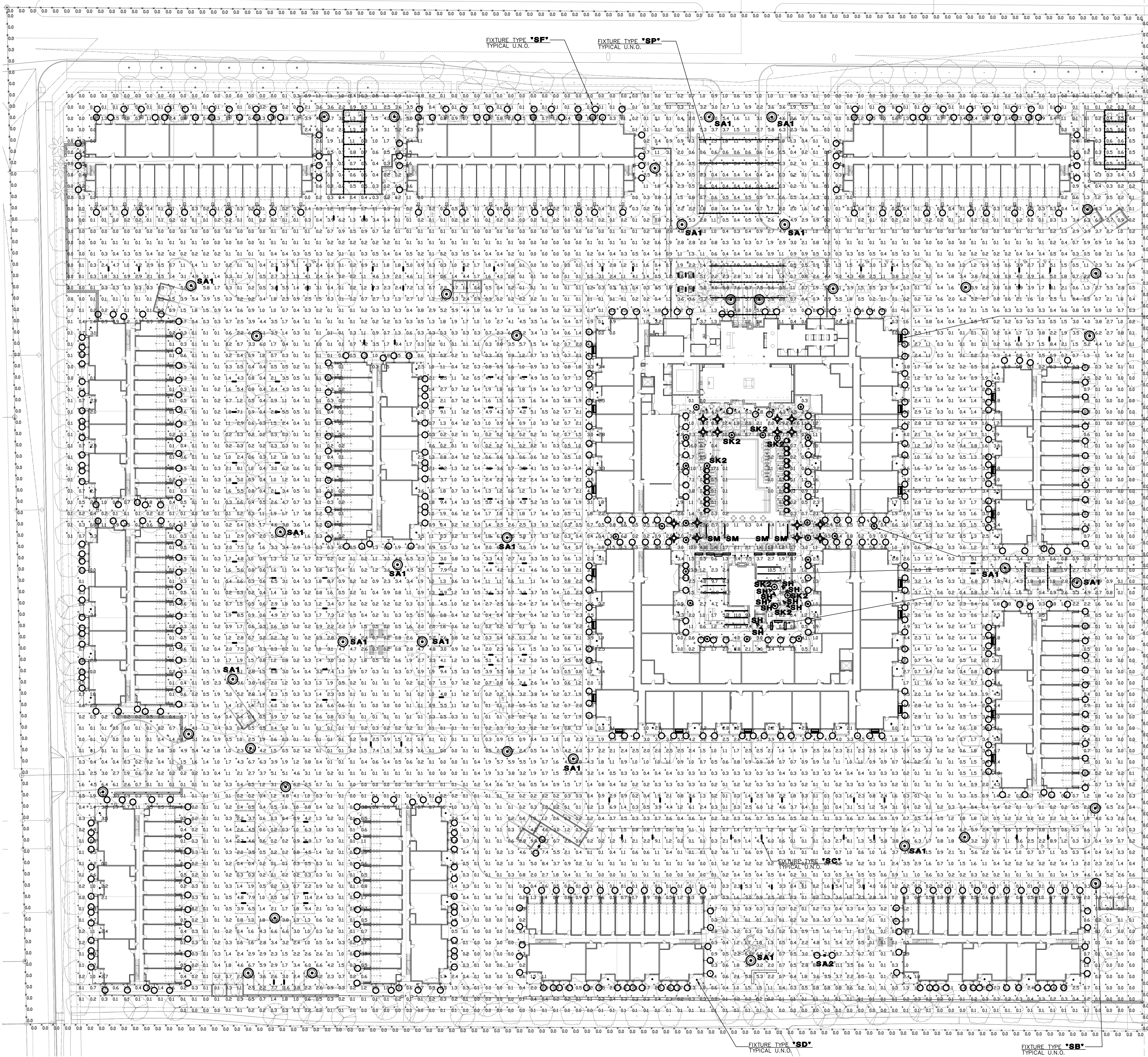
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















KEY PLAN



Hawes Crossing - Mixed Use
ELECTRICAL SITE
PRE-CURFEW
PHOTOMETRICS PLAN

DR2.0



Schedule									
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps	Long Output	LLF	Input Power
	SA1	20	Selux Corporation	BLL-RSS-1-SG700-30-14- FINISH-UNV-DM / POLE MOUNT FOR 12" FIXTURE MOUNT	LED POST TOP WITH TYPE 5 DISTRIBUTION	1	6450	0.95	64.0312
	SA2	2	Selux Corporation	(2)BLL-RSS-2-SG700-30-14- FINISH-UNV-DM / TWIN HEAD POLE MOUNT FOR 12" FIXTURE MOUNT	TWIN HEAD LED POST TOP	1	6450	0.95	128.0624
	SB	20	Selux Corporation	BLL-R3-1-SG700-30-14- FINISH-UNV-DM / POLE MOUNT FOR 12" FIXTURE MOUNT	LED POST TOP WITH TYPE 3 DISTRIBUTION	1	6263	0.95	64.0993
	SC	109	Lithonia Lighting	DMV2-2000LM WD PFL MVOLT 30K 90CRI	LED CANDY LIGHT	1	1825	0.95	18.78
	SD	84	Juno Lighting	J5F 71N 10LM 30K 90CRI MVOLT 21 VH	7" Round Edgelit (Slimform) Surface Mount, 3000K, 90CRI, MV, MOUNTED AT 12"	1	1081	0.95	12.8
	SF	584	VAC Lighting	V5-V5701-A-BK AB	LED DECORATIVE WALL SCNDCE	1	115	0.91	5.57042
	SG	16	HK LIGHTING GROUP	(4)ZXL-16-NF-A-12V- 10 30 37 FINISH/ (3) TS- S0 (MODEL) 4 FINISH/ PROVIDE TRANSFORMER AS NEEDED	(4) LED LANDSCAPE ACCENT LIGHTS ON PALM TREE RING WITH TWO UP AND TWO DOWNWARD	1	869	0.91	38.76
	SH	10	HK LIGHTING GROUP	ZXL-16-NF-A-12V- 10 30 37 FINISH/ PROVIDE ACCESSORIES AND TRANSFORMER AS NEEDED	LED LANDSCAPE ACCENT LIGHT	1	869	0.91	9.69
	SJ	9	Lumini	KMV LENGTH PER PLANS 72VHD 30 F A FINISH POSITION (FEED) / PROVIDE ACCESSORIES AND DRIVERS AS NEEDED	WET LOCATION LED LINEAR FOR TRELLIS MOUNT	1	621	0.91	111.5
	SK1	21	Selux Corporation	IBL-35-2000LM 30 FINISH) UNV DM	BOLLARD	1	798	0.91	141
	SK2	7	SELUX Corporation	IBL 35 40S 30 FINISH UNV DM	Cast gray aluminum housing, clear plastic enclosure	1	2101	0.91	2719
	SL	20	VAC Lighting	5032-30B2	3" IN-GROUND LED	1	464	0.91	11.2
	SM	4	LUMINII	KBL-SF-V-PL 30K (START)-(END) LENGTH PER DETAIL / PROVIDE ACCESSORIES AND DRIVERS AS NEEDED	PDDL RATED LINEAR LED	1	722	0.91	42.9
	SN	11	C. W. Cole & Company, Inc.	L15B-HD-2-SCL	LED Louvered Trim Steplight (Recessed or Surface Mount) (2) 3" SHD COLE (GPI/12V) LED 3000K Step, Frosted Lens	1	89	0.91	8.78
	SP	132	Takistor	EXBK 24" UBIV G19 F TITIAL RUN LENGTHS PER PLANS/ PROVIDE ACCESSORIES AND POWER SUPPLY FOR WORKING SYSTEM	LED FESTOON LIGHTING	1	50	0.91	7.2
	SQ	23	Lithonia Lighting	WDEG LED P4 30K 70CRI 74W	WDEG LED WITH P4 - PERFORMANCE PACKAGE, 3000K, 70CRI, TYPE 4 MEDIUM OPTIC	1	4376	0.91	46.6589

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
SITE FC AFG	+	1.2 FC	32.3 FC	0.0 FC	N/A	N/A
PL FC R 3" ARG	X	0.0 FC	0.2 FC	0.0 FC	N/A	N/A

DESIGN CODES
IECC, 2018
NEC, 2017

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IF DRAWING IS NOT PLOTTED AT 30 X 42 THEY ARE NOT FULL SIZE

1 ELECTRICAL SITE PRE-CURFEW PHOTOMETRICS
DR2.0 1" = 40' - 0"

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Typed or Printed Name
License # Date

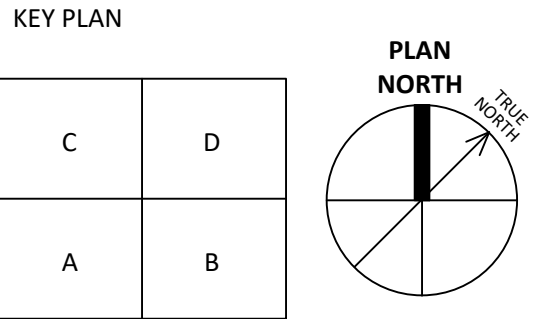


SITE PLAN REVIEW
&
DESIGN REVIEW
10/24/22

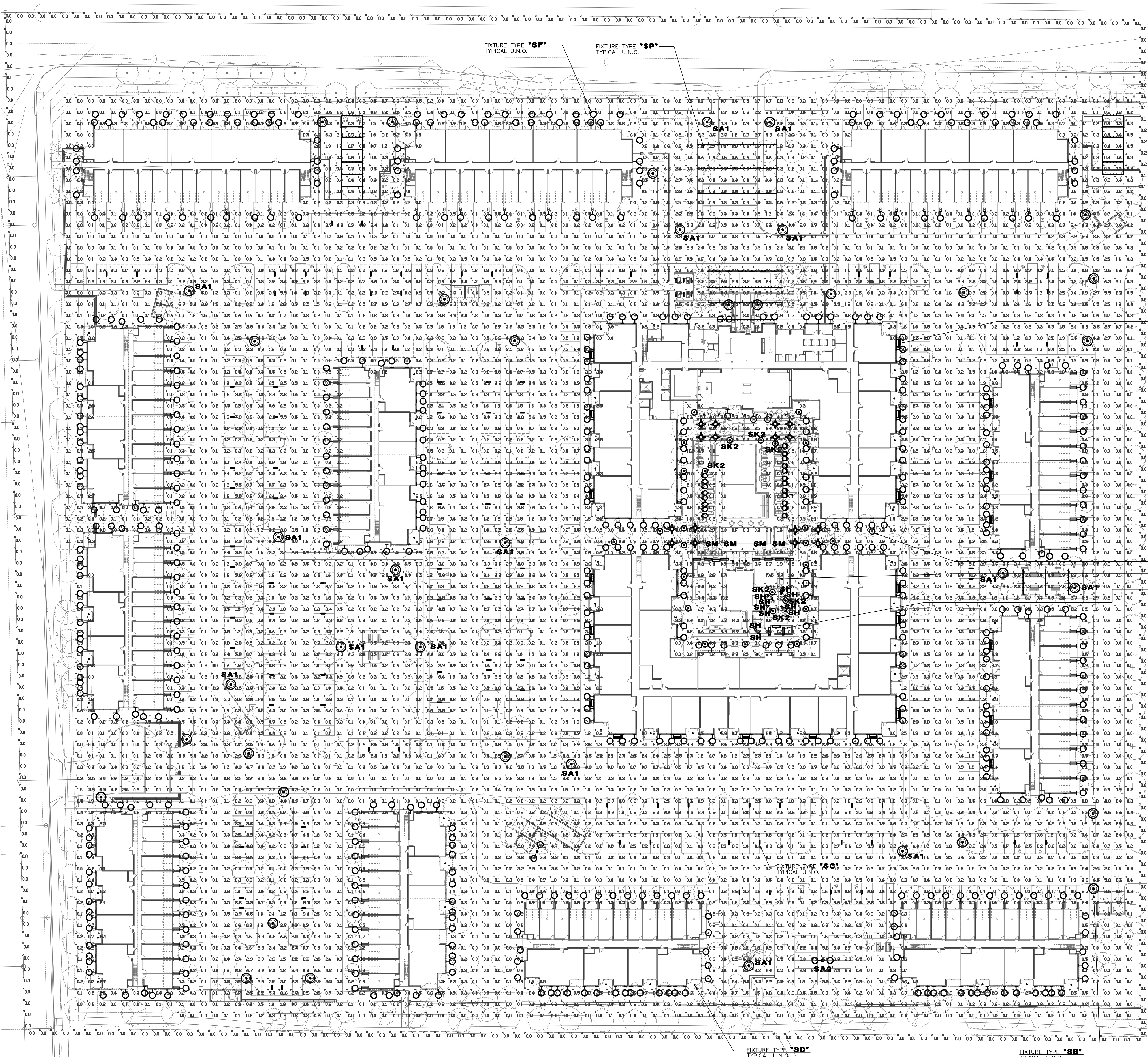
ORIGINAL ISSUE:

Revisions:	No.	Description	Date
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Project Number
PROJECT NUMBER
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ESG
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Hawes Crossing - Mixed Use
ELECTRICAL SITE
POST-CURFEW
PHOTOMETRICS PLAN
DR3.0



Schedule						
Symbol	Label	QTY	Manufacturer	Catalog	Description	Number Lamps
SA1		20	Selux Corporation	BL-RSS-1-SG700-30-14- FINISH-UNV-DM / POLE MOUNT FOR 12" FIXTURE MOUNT	LED POST TOP WITH TYPE 5 DISTRIBUTION	6450
SA2		2	Selux Corporation	(2)BL-RSS-2-SG700-30-14- FINISH-UNV-DM / PLAIN HEAD POLE MOUNT FOR 12" FIXTURE MOUNT	TWIN HEAD LED POST TOP	6450
SB		20	Selux Corporation	BL-R3-1-SG700-30-14- FINISH-UNV-DM / POLE MOUNT FOR 12" FIXTURE MOUNT	LED POST TOP WITH TYPE 3 DISTRIBUTION	6663
SC		109	Lithonia Lighting	DMV2-2000LM WD PFL MVOLT 30K BUCR	LED CANDY LIGHT	1825
SD		84	Juno Lighting	J5F 7IN 10LM 30K 90CRI MVOLT 21 VH	7" Round Edgelit (Slimform) Surface Mount, 3000K, 90CRI, MV, MOUNTED AT 12"	1081
SF		584	VAC Lighting	VS-V57014-BK AB	LED DECORATIVE WALL SCODNE	115
SG		16	HK LIGHTING GROUP	(4)ZXL-16-NF-A-12V- 10 30 37 (FINISH) / (3) TS- SD (MIDELY) 4 (FINISH) / PROVIDE TRANSFORMER AS NEEDED	(4) LED LANDSCAPE ACCENT LIGHTS ON PALM TREE RING WITH TWO UP AND TWO DOWNWARD	869
SH		10	HK LIGHTING GROUP	ZXL-16-NF-A-12V- 10 30 37 (FINISH) / PROVIDE ACCESSORIES AND TRANSFORMER AS NEEDED	LED LANDSCAPE ACCENT LIGHT	869
SJ		9	Lumini	KMV LENGTH PER PLANS 72VHD 30 F A (FINISH) POSITION (FEED) / PROVIDE ACCESSORIES AND DRIVERS AS NEEDED	WET LOCATION LED LINEAR FOR TRELLIS MOUNT	621
SK1		21	Selux Corporation	IBL-35-2090MU 30 (FINISH) UNV DM	BOLLARD	798
SK2		7	SELUX Corporation	IBL 35 40S 30 (FINISH) UNV DM	Cast gray aluminum housing, clear plastic enclosure	2101
SL		20	VAC Lighting	5032-30B2	3" IN-GROUND LED	464
SM		11	LUMINI	KBL-SF-V-PL 30K (START)-(END) LENGTH PER DETAILS / PROVIDE ACCESSORIES AND DRIVERS AS NEEDED	PDDL RATED LINEAR LED	722
SN		132	C. W. Cole & Company, Inc.	L15B-HD-2-SCL	LED Louvered Trim Steplight (Recessed on Surface Mount) (2) 3" SHD COLE (GPI/12V) LED 3000K Slim, Frosted Lens	89
SP		23	Takistor	EXBK 24" UBIV G19 F TITIAL RUN LENGTHS PER PLANS / PROVIDE ACCESSORIES AND POWER SUPPLY FOR WORKING SYSTEM	LED FESTOON LIGHTING	50
SQ		23	Lithonia Lighting	WDEG LED P4 30K 70CRI 74W	WDEG LED WITH P4 - PERFORMANCE PACKAGE, 3000K, 70CRI, TYPE 4 MEDIUM OPTIC	4376

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
SITE FC AFG	+	0.9 Fc	22.6 Fc	0.0 Fc	N/A	N/A
PL FC R 3' ARG	X	0.0 Fc	0.1 Fc	0.0 Fc	N/A	N/A

DESIGN CODES
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1 ELECTRICAL SITE POST-CURFEW PHOTOMETRICS
DR3.0 1" = 40' - 0"

Hawes Crossing - Mixed Use

Mesa, AZ

esc
ARCHITECTURE & DESIGN

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed architect under the laws of the State of Minnesota



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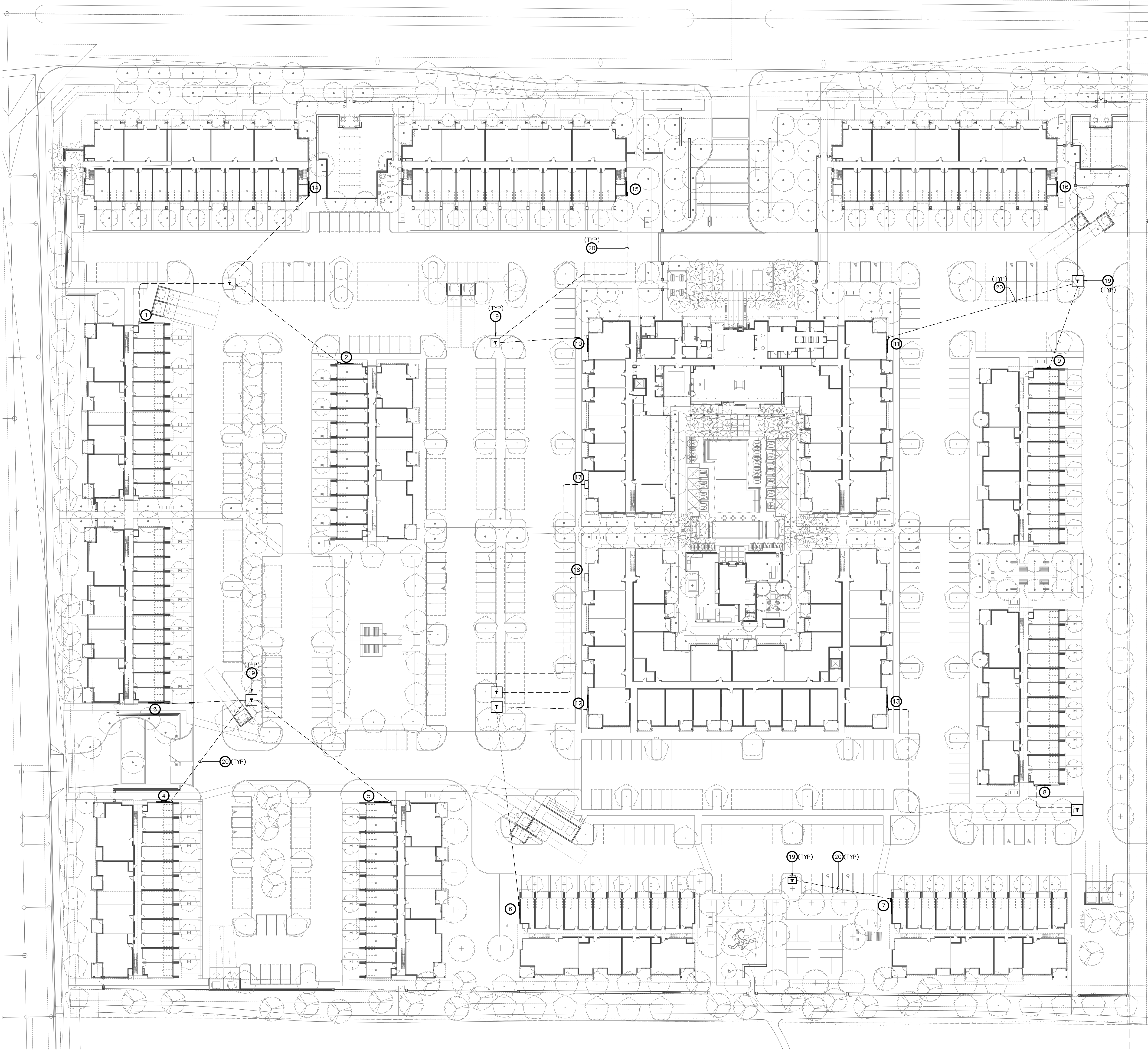
The Basic System

The Exhibitor Series sockets are permanently soldered to flexible cable with alternating polycarbonate bangles. Fixtures are wet-location listed and rated IP65. When specifying an Exhibitor- Lighting System, take into consideration: Socket Spacing, LED Style and Glue Selection.

EXBK • 6 • VIWV • 4 • 12 • C

Cable / Socket Color			Socket Spacing		LED		Glue/Sys.		Glue Color	
Color	Color	Color	Color	Color	Code	Color	Watt/Volts	Code	Style	Color
WH	Black	Black	Black	Black	WH	2500K Warm White	0.5 W / 24 VAC	G14	G-14	Clear
WH	Black	12	12" (305 mm)	VIWV	2500K Warm White	1.0 W / 24 VAC	G14	G-14	F	Fluorescent
WH	Black	18	18" (457 mm)	VIWV	2500K Warm White	1.8 W / 24 VAC	G14	G-14	F	Fluorescent
WH	Black	24	24" (605 mm)	VIWV	2500K Warm White	1.8 W / 24 VAC	G14	G-14	A	Amber
				VIWV	3000K Warm White	1.8 W / 24 VAC			H	Haze
				VIWV	5000K Warm White	1.8 W / 24 VAC			R	Red
				VIWV	5000K Warm White	1.8 W / 24 VAC			V	Violet
					Use standard 1/8" x 1/2" hole sockets with 1/8" hole					
					Use 1/4" x 1/2" hole sockets with 1/8" hole					
					Use 3/8" x 1/2" hole sockets with 1/8" hole					
					Use 1/2" x 1/2" hole sockets with 1/8" hole					
					Use 3/4" x 1/2" hole sockets with 1/8" hole					
					Use 1" x 1/2" hole sockets with 1/8" hole					
					Use 1 1/4" x 1/2" hole sockets with 1/8" hole					
					Use 1 1/2" x 1/2" hole sockets with 1/8" hole					
					Use 1 3/4" x 1/2" hole sockets with 1/8" hole					
					Use 2" x 1/2" hole sockets with 1/8" hole					
					Use 2 1/4" x 1/2" hole sockets with 1/8" hole					
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					Use 3 3/4" x 1/2" hole sockets with 1/8" hole					
					Use 4" x 1/2" hole sockets with 1/8" hole					
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					Use 5" x 1/2" hole sockets with 1/8" hole					
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					Use 5 3/4" x 1/2" hole sockets with 1/8" hole					
					Use 6" x 1/2" hole sockets with 1/8" hole					
					Use 6 1/4" x 1/2" hole sockets with 1/8" hole					
					Use 6 1/2" x 1/2" hole sockets with 1/8" hole					
					Use 6 3/4" x 1/2" hole sockets with 1/8" hole					

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<h1 style="margin: 0;">SITE PLAN REVIEW</h1> <h1 style="margin: 0;">&</h1> <h1 style="margin: 0;">DESIGN REVIEW</h1> <h2 style="margin: 0;">10/24/22</h2>					
<p>ORIGINAL ISSUE:</p>					
<p>REVISIONS:</p> <table border="0" style="width: 100%;"><tr><td style="width: 50%;">No. _____</td><td style="width: 50%;">Description _____</td></tr><tr><td style="width: 50%;">Date _____</td><td style="width: 50%;"></td></tr></table>		No. _____	Description _____	Date _____	
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Date _____					
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<p>ESG _____</p> <p>DRAWN BY</p>	<p>ESG _____</p> <p>CHECKED BY</p>				
<p>KEY PLAN</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"><tr><td style="width: 50%; height: 60px;">C</td><td style="width: 50%; height: 60px;">D</td></tr><tr><td style="width: 50%; height: 60px;">A</td><td style="width: 50%; height: 60px;">B</td></tr></table> <div style="text-align: center; margin-top: 10px;"><p>PLAN NORTH</p></div>		C	D	A	B
C	D				
A	B				
<p>Hawes Crossing - Mixed Use</p> <p>ELECTRICAL LIGHTING</p> <p>CUT SHEETS</p>					
<h1 style="margin: 0;">DR5.0</h1>					



1 ELECTRICAL SITE UTILITY PLAN
DR1.0 1" = 40' - 0"

KEYED NOTES

- 1 SES-1. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 2 SES-2. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 3 SES-3. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 4 SES-4. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 5 SES-5. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 6 SES-6. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 7 SES-7. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 8 SES-8. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 9 SES-9. 1000 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 10 SES-10. 1200 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 11 SES-11. 1200 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 12 SES-12. 1200 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 13 SES-13. 1200 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 14 SES-14. 800 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 15 SES-15. 800 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 16 SES-16. 800 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 17 SES-H1. 600 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 18 SES-H2. 600 AMP, 120/208 VOLT, 3-PHASE, 4-WIRE.
- 19 POWER COMPANY PAD MOUNT TRANSFORMER PER POWER REQUIREMENTS.
- 20 SECONDARY CONDUITS PER POWER COMPANY REQUIREMENTS.

Hawes Crossing - Mixed Use
Mesa, AZ

esc
ARCHITECTURE & DESIGN

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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed architect under the laws of the State of Minnesota

Signature

Typed or Printed Name

License # Date



SITE PLAN REVIEW & DESIGN REVIEW
10/24/22

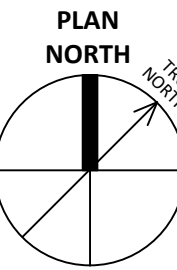
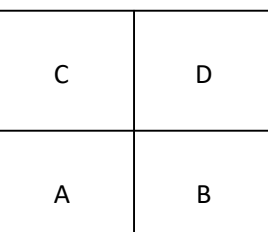
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REVISIONS:
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Project Number
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PRELIMINARY
NOT FOR CONSTRUCTION

DESIGN CODES
IECC, 2018 NEC, 2017

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Hawes Crossing - Mixed Use
ELECTRICAL SITE
UTILITY PLAN

DR5.0