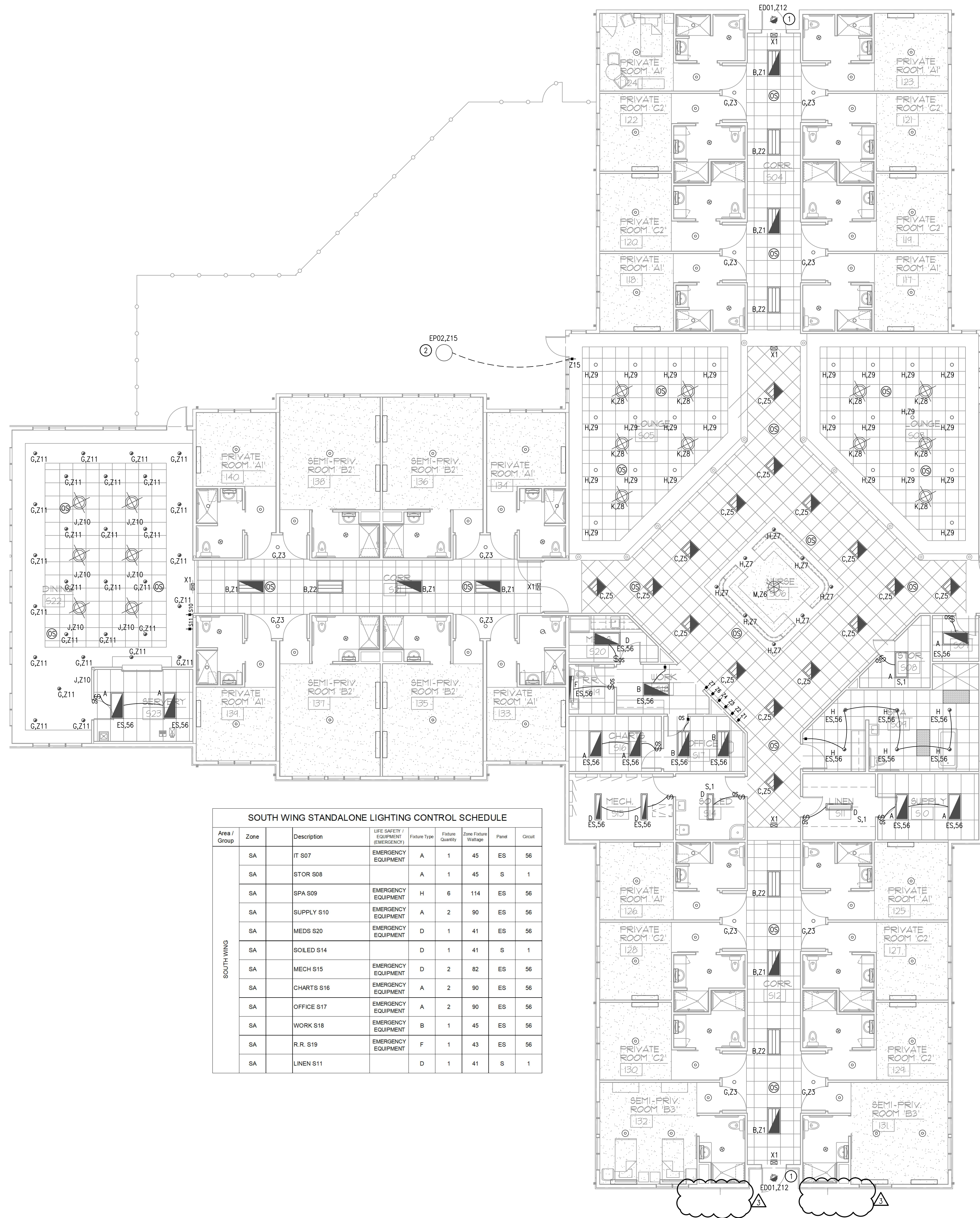


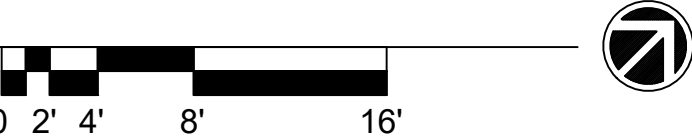


SOUTH CORRIDOR DISTRIBUTED LIGHTING CONTROL SCHEDULE									
Area / Group	Zone	#	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage	Panel	Circuit
SOUTH WING	Z1	1	CORRIDOR 2X4	LIFE SAFETY	B	11	495	LSS	1
	Z2	2	CORRIDOR 2X4		B	7	315	S	1
	Z3	3	DOWNLIGHTS AT SUITE DOORS		G	20	380	S	1
	Z4	4	CORRIDOR LOFT DOWNLIGHT	LIFE SAFETY	G	4	76	LSS	1
	Z5	5	CENTER CORRIDOR 2X2	LIFE SAFETY	C	16	608	LSS	1
	Z6	6	NURSE STATION DECORATIVE		M	1	50	S	3
	Z7	7	NURSE STATION DOWNLIGHTS	EMERGENCY EQUIPMENT	H	8	152	ES	56
	Z8	8	LOUNGE DECORATIVE		K	10	500	S	3
	Z9	9	LOUNGE DOWNLIGHTS		H	24	456	S	3
	Z10	10	DINING ROOM DECORATIVE		J	7	350	S	3
	Z11	11	DINING ROOM DOWNLIGHTS	LIFE SAFETY	G	31	589	LS	3
	Z12	12	LIFE SAFETY OUTDOOR DOWNLIGHT	LIFE SAFETY - EGRESS	S	5	105	LSS	1
	Z13	13	SPARE						
	Z14	14	CORRIDOR LOFT DECORATIVE	LIFE SAFETY	M	1	50	LSS	1
	Z15	15	BACK POLE		EP02	1	55	S	3

EMERGENCY LIGHTING LEGEND	
LIGHT	DESCRIPTION
	LIGHTS ARE CIRCUITED TO PANEL ON THE GENERATOR, EITHER LIFE SAFETY OR CRITICAL PANEL. THIS SHADING INDICATES SEPARATE LIFE SAFETY OR CRITICAL LIGHTING ZONE. LIGHTING CONTROL TO INCLUDE UL924 TRANSFORMER WITH NORMAL SENSE PER CODE INTEGRAL TO DISTRIBUTED LIGHTING CONTROL SYSTEM.

SOUTH WING STANDALONE LIGHTING CONTROL SCHEDULE							
Area / Group	Zone	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage	Circuit
SOUTH WING	SA	IT S07	EMERGENCY EQUIPMENT	A	1	45	ES 56
	SA	STOR S08		A	1	45	S 1
	SA	SPA S09	EMERGENCY EQUIPMENT	H	6	114	ES 56
	SA	SUPPLY S10	EMERGENCY EQUIPMENT	A	2	90	ES 56
	SA	MEDS S20	EMERGENCY EQUIPMENT	D	1	41	ES 56
	SA	SOILED S14		D	1	41	S 1
	SA	MECH S15	EMERGENCY EQUIPMENT	D	2	82	ES 56
	SA	CHARTS S16	EMERGENCY EQUIPMENT	A	2	90	ES 56
	SA	OFFICE S17	EMERGENCY EQUIPMENT	A	2	90	ES 56
	SA	WORK S18	EMERGENCY EQUIPMENT	B	1	45	ES 56
	SA	R.R. S19	EMERGENCY EQUIPMENT	F	1	43	ES 56
	SA	LINEN S11		D	1	41	S 1

1 LIGHTING PLAN - SOUTH WING
Scale: 1/8" = 1'-0"



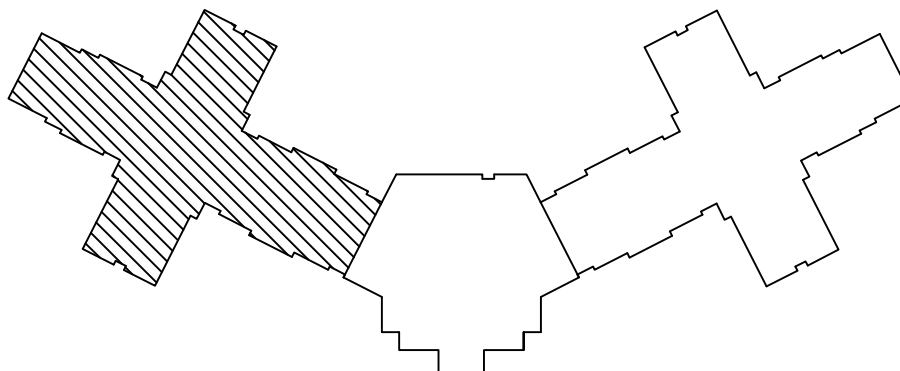
LIGHTING PLAN - SOUTH WING CODED NOTES:

- REFER TO SITE LIGHTING PLAN AND ARCHITECTURAL SHEETS FOR ED01 LOCATION.
- REFER TO EA-100 FOR LOCATION AND POLE BASE DETAILS.

LIGHTING PLAN - SOUTH WING GENERAL NOTES:

- REFER TO DISTRIBUTED LIGHTING CONTROL SCHEDULE ON THIS SHEET FOR ZONE DETAILS, QUANTITY OF FIXTURES, PANEL AND CIRCUIT.
- PROVIDE LIGHTING CONTROL AS DISTRIBUTED NETWORKED SOLUTION WITH ABILITY TO ADD ZONES IN THE FUTURE, AND PROGRAM ENTIRE BUILDING TOGETHER.
- PROVIDE ABILITY TO HAVE TIMECLOCK CONTROL.
- COORDINATE PROGRAMMING WITH OWNER AND ENERGY CODE.
- COORDINATE OPTIMIZED WALL CONTROL STATIONS WITH LIGHTING MANUFACTURER AND OWNER. PROVIDE MULTIPLE ZONE CONTROL IN ONE (1) SINGLE SWITCH IF POSSIBLE. ALL ZONES SHOWN AS SEPARATE SWITCH ON PLAN FOR REFERENCE.
- PROGRAM OCCUPANCY SENSOR PER ENERGY CODE AND ADJACENT LIGHTING ZONES.

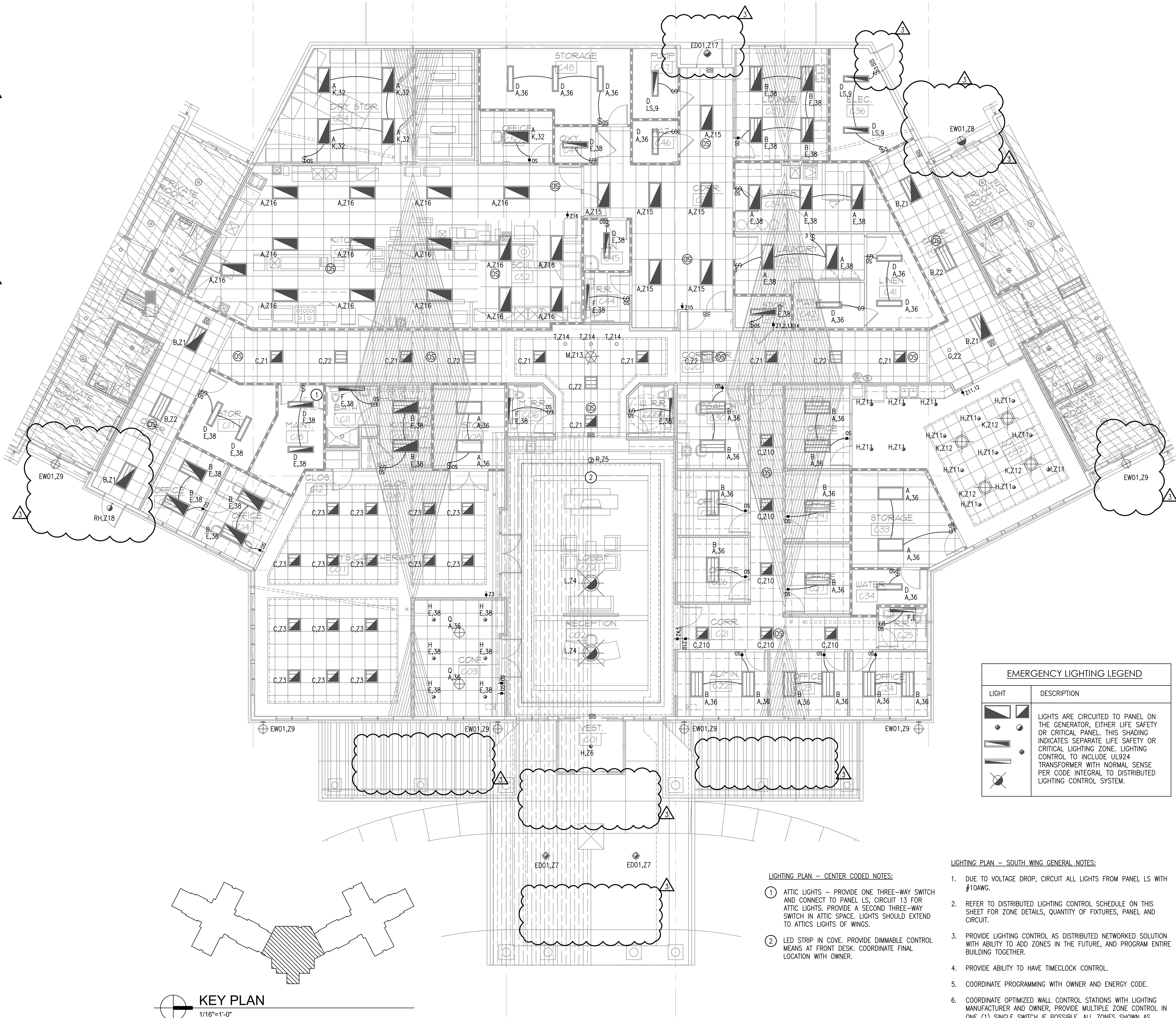
- LIFE SAFETY ZONES TO INCLUDE UL924 CONTROL OVERRIDE TO FORCE EGRESS AND EXIT LIGHTS ON DURING POWER LOSS. IGNORING SENSORS, WALL CONTROLLERS OR TIMECLOCKS. SHOULD INCLUDE A NORMAL SENSE LINE FOR THIS FUNCTION.



KEY PLAN
1/16"=1'-0"

CENTER CORRIDOR DISTRIBUTED LIGHTING CONTROL SCHEDULE								
Area / Group	Zone	#	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage	Panel
CENTER	Z1	31	CORRIDOR C20 LIFE SAFETY	LIFE SAFETY	B	11	495	LS 11
	Z2	32	CORRIDOR C20 REMAINING PANELS		B	8	360	A 3
	Z3	33	PHYSICAL THERAPY C07 2x2s	LIFE SAFETY	C	15	570	LS 11
	Z4	34	LOBBY CHANDELIER	LIFE SAFETY	L	2	200	LS 11
	Z5	35	LOBBY COVE LIGHTING	LIFE SAFETY	R	1	750	LS 13
	Z6	36	VESTIBULE DOWNLIGHT	LIFE SAFETY	H	1	19	LS 13
	Z7	37	EXTERIOR SLOPED DOWNLIGHTS	LIFE SAFETY	ED01	2	10	LS 13
	Z8	38	BACK EXTERIOR SCONCE	LIFE SAFETY	EW01	1	30	LS 13
	Z9	39	FRONT EXTERIOR SCONCES		EW01	6	180	A 5
	Z10	40	CORRIDOR C21 2X2s	LIFE SAFETY	C	6	228	LS 13
	Z11	41	ACTIVITY C32 DOWNLIGHTS	LIFE SAFETY	H	14	266	LS 13
	Z12	42	ACTIVITY C32 DECORATIVE		K	4	200	A 5
	Z13	43	CORRIDOR C20 DECORATIVE		M	1	50	A 5
	Z14	44	CORRIDOR C20 WALL WASH		T	3	57	A 5
	Z15	45	CORRIDOR C38	LIFE SAFETY	A	5	225	LS 13
	Z16	46	KITCHEN 2x4s	EMERGENCY EQUIPMENT	A	15	675	K 1
	Z17	47	BACK EXTERIOR DOWNLIGHT	LIFE SAFETY	ED01	1	5	LS 13
	Z18	48	REMOTE HEAD AT CORRIDOR S01	LIFE SAFETY	RH	1	13	LS 13
	Z19		SPARE					
	Z20		SPARE					

CENTER WING STANDALONE LIGHTING CONTROL SCHEDULE								
Area / Group	Zone	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage	Panel	Circuit
CENTER	SA	OFFICE C14	EMERGENCY EQUIPMENT	B	2	90	E	38
	SA	OFFICE C15	EMERGENCY EQUIPMENT	B	2	90	E	38
	SA	STOR C17		D	2	82	E	38
	SA	MAINT C18	EMERGENCY EQUIPMENT	D	2	82	E	38
	SA	BATH C11	EMERGENCY EQUIPMENT	F	1	43	E	38
	SA	KITCH C09	EMERGENCY EQUIPMENT	B	2	90	E	38
	SA	STOR C08		A	2	90	A	36
	SA	M. R.R. C06	EMERGENCY EQUIPMENT	F	1	43	E	38
	SA	W. R.R. C05	EMERGENCY EQUIPMENT	F	1	43	E	38
	SA	CONF. C03	EMERGENCY EQUIPMENT	H	6	114	E	38
	SA	CONF. C03		Q	2	100	A	36
	SA	ADMIN C22		B	2	90	A	36
	SA	OFFICE C23		B	2	90	A	36
	SA	OFFICE C24		B	2	90	A	36
	SA	R.R. C25	EMERGENCY EQUIPMENT	F	1	43	E	38
	SA	OFFICE C27		B	1	45	A	36
	SA	OFFICE C26		B	1	45	A	36
	SA	OFFICE C28		B	1	45	A	36
	SA	OFFICE C29		B	1	45	A	36
	SA	OFFICE C31		B	2	90	A	36
	SA	SALON C30		B	2	90	A	36
	SA	STORAGE C33		A	2	90	A	36
	SA	DRY STORAGE	EMERGENCY EQUIPMENT	A	4	180	K	32
	SA	OFFICE C50	EMERGENCY EQUIPMENT	A	1	45	K	32
	SA	STORAGE C48		D	3	123	A	36
	SA	OXY C49		D	1	41	E	38
	SA	PUMP C47	LIFE SAFETY	D	1	41	LS	36
	SA	HAZ C46		D	1	41	A	36
	SA	JAN C45	EMERGENCY EQUIPMENT	D	1	41	E	38
	SA	R.R. C44	EMERGENCY EQUIPMENT	F	1	43	E	38
	SA	LAUNDRY C40	EMERGENCY EQUIPMENT	A	2	90	E	38
	SA	LAUNDRY C39	EMERGENCY EQUIPMENT	A	3	135	E	38
	SA	STOR C43	EMERGENCY EQUIPMENT	D	1	41	E	38
	SA	MAINT C42		D	1	41	A	36
	SA	LINEN C41		D	2	82	A	36
	SA	LOUNGE C37	EMERGENCY EQUIPMENT	B	4	180	E	38
	SA	ELEC C36	LIFE SAFETY	D	2	82	LS	36



EMERGENCY LIGHTING LEGEND	
LIGHT	DESCRIPTION
	LIGHTS ARE CIRCUITED TO PANEL ON THE GENERATOR, EITHER LIFE SAFETY OR CRITICAL PANEL. THIS SHADING INDICATES SEPARATE LIFE SAFETY OR CRITICAL LIGHTING ZONE. LIGHTING CONTROL TO INCLUDE UL924 TRANSFORMER WITH NORMAL SENSE PER CODE INTEGRAL TO DISTRIBUTED LIGHTING CONTROL SYSTEM.

LIGHTING PLAN - CENTER CODED NOTES:

- ATTIC LIGHTS - PROVIDE ONE THREE-WAY SWITCH AND CONNECT TO PANEL LS, CIRCUIT 13 FOR ATTIC LIGHTS. PROVIDE A SECOND THREE-WAY SWITCH IN ATTIC SPACE. LIGHTS SHOULD EXTEND TO ATTICS LIGHTS OF WINGS.
- LED STRIP IN COVE. PROVIDE DIMMABLE CONTROL MEANS AT FRONT DESK. COORDINATE FINAL LOCATION WITH OWNER.

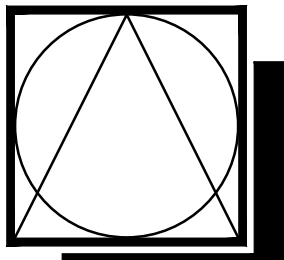
LIGHTING PLAN - SOUTH WING GENERAL NOTES:

- DUE TO VOLTAGE DROP, CIRCUIT ALL LIGHTS FROM PANEL LS WITH #10AWG.
- REFER TO DISTRIBUTED LIGHTING CONTROL SCHEDULE ON THIS SHEET FOR ZONE DETAILS, QUANTITY OF FIXTURES, PANEL AND CIRCUIT.
- PROVIDE LIGHTING CONTROL AS DISTRIBUTED, NETWORKED SOLUTION WITH ABILITY TO ADD ZONES IN THE FUTURE, AND PROGRAM ENTIRE BUILDING TOGETHER.
- PROVIDE ABILITY TO HAVE TIMECLOCK CONTROL.
- COORDINATE PROGRAMMING WITH OWNER AND ENERGY CODE.
- COORDINATE OPTIMIZED WALL CONTROL STATIONS WITH LIGHTING MANUFACTURER AND OWNER, PROVIDE MULTIPLE ZONE CONTROL IN ONE (1) SINGLE SWITCH IF POSSIBLE. ALL ZONES SHOWN AS SEPARATE SWITCH ON PLAN FOR REFERENCE.
- PROGRAM OCCUPANCY SENSOR PER ENERGY CODE AND ADJACENT LIGHTING ZONES.
- LIFE SAFETY ZONES TO INCLUDE UL924 CONTROL OVERRIDE TO FORCE EGRESS AND EXIT LIGHTS ON DURING POWER LOSS, IGNORING SENSORS, WALL CONTROLLERS OR TIMECLOCKS. SHOULD INCLUDE A NORMAL SENSE LINE FOR THIS FUNCTION.

KEY PLAN
1/16"=1'-0"

1 LIGHTING PLAN - CENTER
Scale: 1/8" = 1'-0"

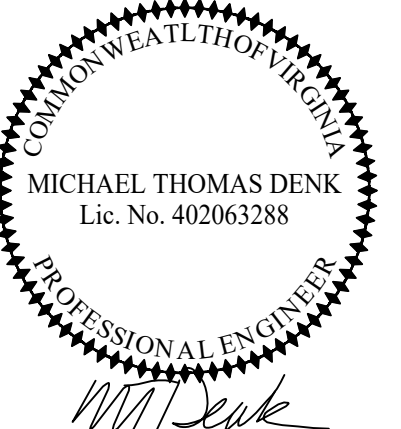
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DATE:
PERMIT SUBMISSION: 06.19.26
ADDENDUM #2: 08.04.26
ADDENDUM #3: 08.13.26

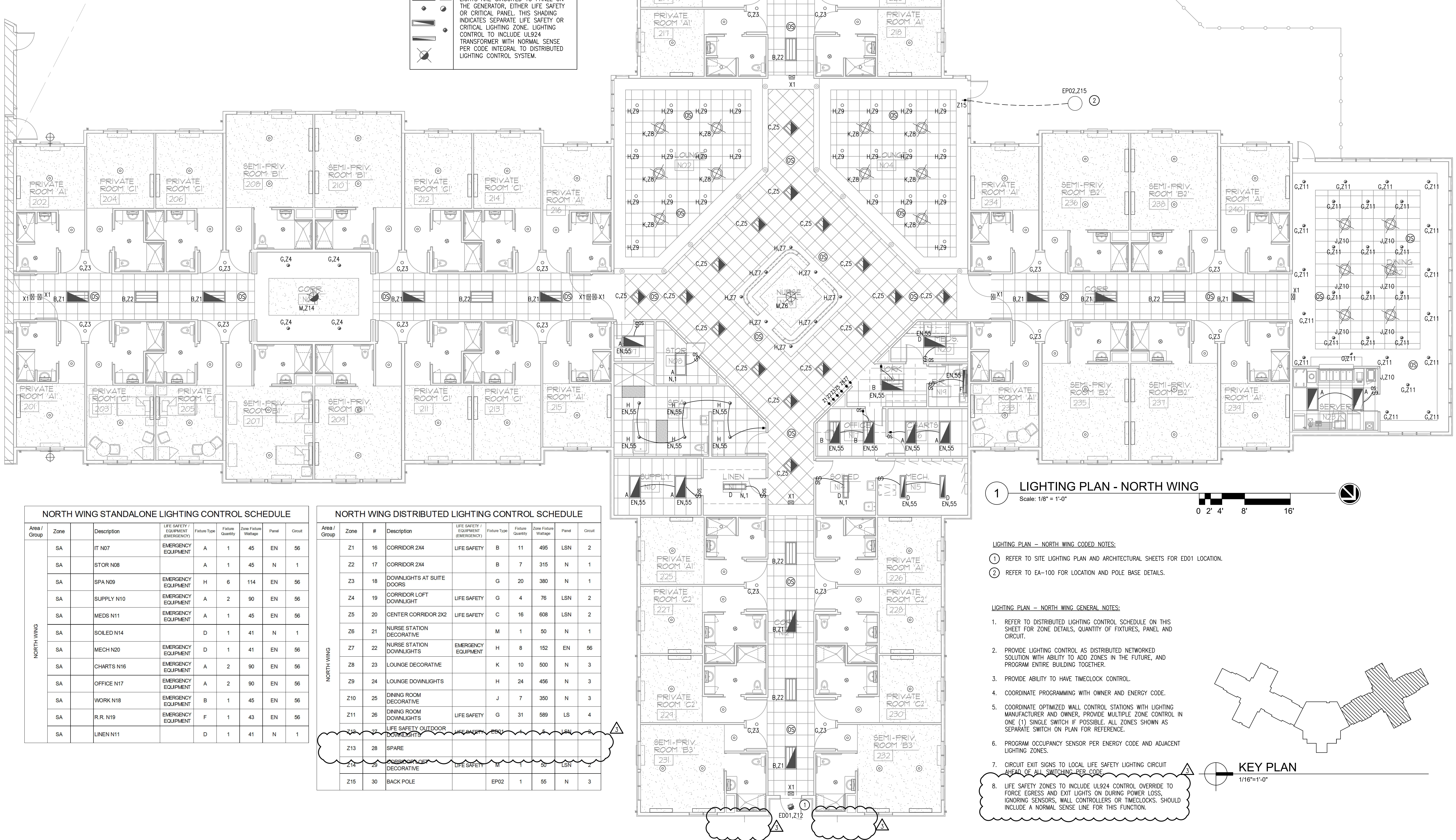
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HEALTH & REHABILITATION CENTER
1931/1915 BRIDGE ROAD (HIGHWAY 17)
SUFFOLK, VIRGINIA



DRAWING NAME
LIGHTING PLAN
NORTH WING
DAI PROJECT NO.
26032

E2.3

EMERGENCY LIGHTING LEGEND	
LIGHT	DESCRIPTION
	LIGHTS ARE CIRCUITED TO PANEL ON THE GENERATOR, EITHER LIFE SAFETY OR CRITICAL PANEL. THIS SHADING INDICATES SEPARATE LIFE SAFETY OR CRITICAL LIGHTING ZONE. LIGHTING CONTROL TO INCLUDE UL924 TRANSFORMER WITH NORMAL SENSE PER CODE. INTEGRAL TO DISTRIBUTED LIGHTING CONTROL SYSTEM.



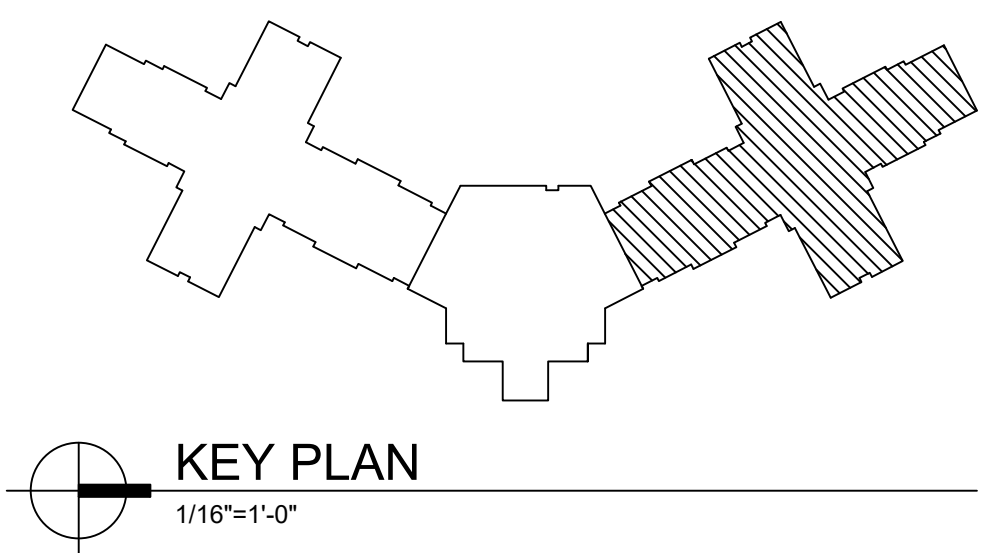
NORTH WING STANDALONE LIGHTING CONTROL SCHEDULE							
Area / Group	Zone	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage	Panel
NORTH WING	SA	IT N07	EMERGENCY EQUIPMENT	A	1	45	EN 56
	SA	STOR N08		A	1	45	N 1
	SA	SPA N09	EMERGENCY EQUIPMENT	H	6	114	EN 56
	SA	SUPPLY N10	EMERGENCY EQUIPMENT	A	2	90	EN 56
	SA	MEDS N11	EMERGENCY EQUIPMENT	A	1	45	EN 56
	SA	SOLED N14		D	1	41	N 1
	SA	MECH N20	EMERGENCY EQUIPMENT	D	1	41	EN 56
	SA	CHARTS N16	EMERGENCY EQUIPMENT	A	2	90	EN 56
	SA	OFFICE N17	EMERGENCY EQUIPMENT	A	2	90	EN 56
	SA	WORK N18	EMERGENCY EQUIPMENT	B	1	45	EN 56
	SA	R.R. N19	EMERGENCY EQUIPMENT	F	1	43	EN 56
	SA	LINEN N11		D	1	41	N 1

NORTH WING DISTRIBUTED LIGHTING CONTROL SCHEDULE							
Area / Group	Zone	#	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage
NORTH WING	Z1	16	CORRIDOR 2X4	LIFE SAFETY	B	11	495
	Z2	17	CORRIDOR 2X4		B	7	315
	Z3	18	DOWNLIGHTS AT SUITE DOORS		G	20	380
	Z4	19	CORRIDOR LOFT DOWNLIGHT	LIFE SAFETY	G	4	76
	Z5	20	CENTER CORRIDOR 2X2	LIFE SAFETY	C	16	608
	Z6	21	NURSE STATION DECORATIVE		M	1	50
	Z7	22	NURSE STATION DOWNLIGHTS	EMERGENCY EQUIPMENT	H	8	152
	Z8	23	LOUNGE DECORATIVE		K	10	500
	Z9	24	LOUNGE DOWNLIGHTS		H	24	456
	Z10	25	DINING ROOM DECORATIVE		J	7	350
	Z11	26	DINING ROOM DOWNLIGHTS	LIFE SAFETY	G	31	589
	Z12	27	LIFE SAFETY OUTDOOR DOWNLIGHTS	LIFE SAFETY	E	5	150
	Z13	28	SPARE				
	Z14	29	CORRIDOR LOFT DECORATIVE	LIFE SAFETY	M	1	50

1 LIGHTING PLAN - NORTH WING
Scale: 1/8" = 1'-0"

- LIGHTING PLAN - NORTH WING CODED NOTES:
- REFER TO SITE LIGHTING PLAN AND ARCHITECTURAL SHEETS FOR ED01 LOCATION.
 - REFER TO EA-100 FOR LOCATION AND POLE BASE DETAILS.

- LIGHTING PLAN - NORTH WING GENERAL NOTES:
- REFER TO DISTRIBUTED LIGHTING CONTROL SCHEDULE ON THIS SHEET FOR ZONE DETAILS, QUANTITY OF FIXTURES, PANEL AND CIRCUIT.
 - PROVIDE LIGHTING CONTROL AS DISTRIBUTED NETWORKED SOLUTION WITH ABILITY TO ADD ZONES IN THE FUTURE, AND PROGRAM ENTIRE BUILDING TOGETHER.
 - PROVIDE ABILITY TO HAVE TIMECLOCK CONTROL.
 - COORDINATE PROGRAMMING WITH OWNER AND ENERGY CODE.
 - COORDINATE OPTIMIZED WALL CONTROL STATIONS WITH LIGHTING MANUFACTURER AND OWNER, PROVIDE MULTIPLE ZONE CONTROL IN ONE (1) SINGLE SWITCH IF POSSIBLE. ALL ZONES SHOWN AS SEPARATE SWITCH ON PLAN FOR REFERENCE.
 - PROGRAM OCCUPANCY SENSOR PER ENERGY CODE AND ADJACENT LIGHTING ZONES.
 - CIRCUIT EXIT SIGNS TO LOCAL LIFE SAFETY LIGHTING CIRCUIT AHEAD OF ALL SWITCHING PER CODE.
 - LIFE SAFETY ZONES TO INCLUDE UL924 CONTROL OVERRIDE TO FORCE EGRESS AND EXIT LIGHTS ON DURING POWER LOSS, IGNORING SENSORS, WALL CONTROLLERS OR TIMECLOCKS. SHOULD INCLUDE A NORMAL SENSE LINE FOR THIS FUNCTION.

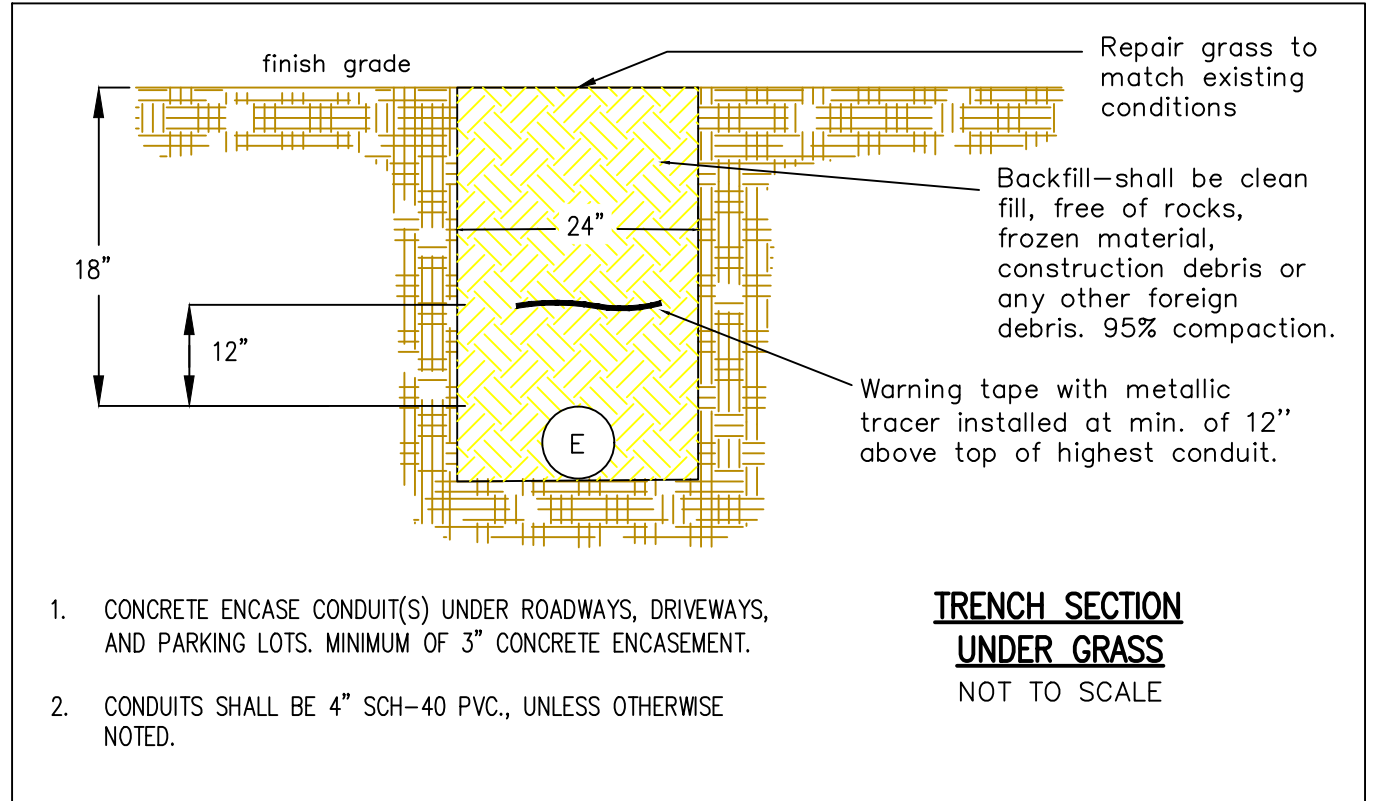
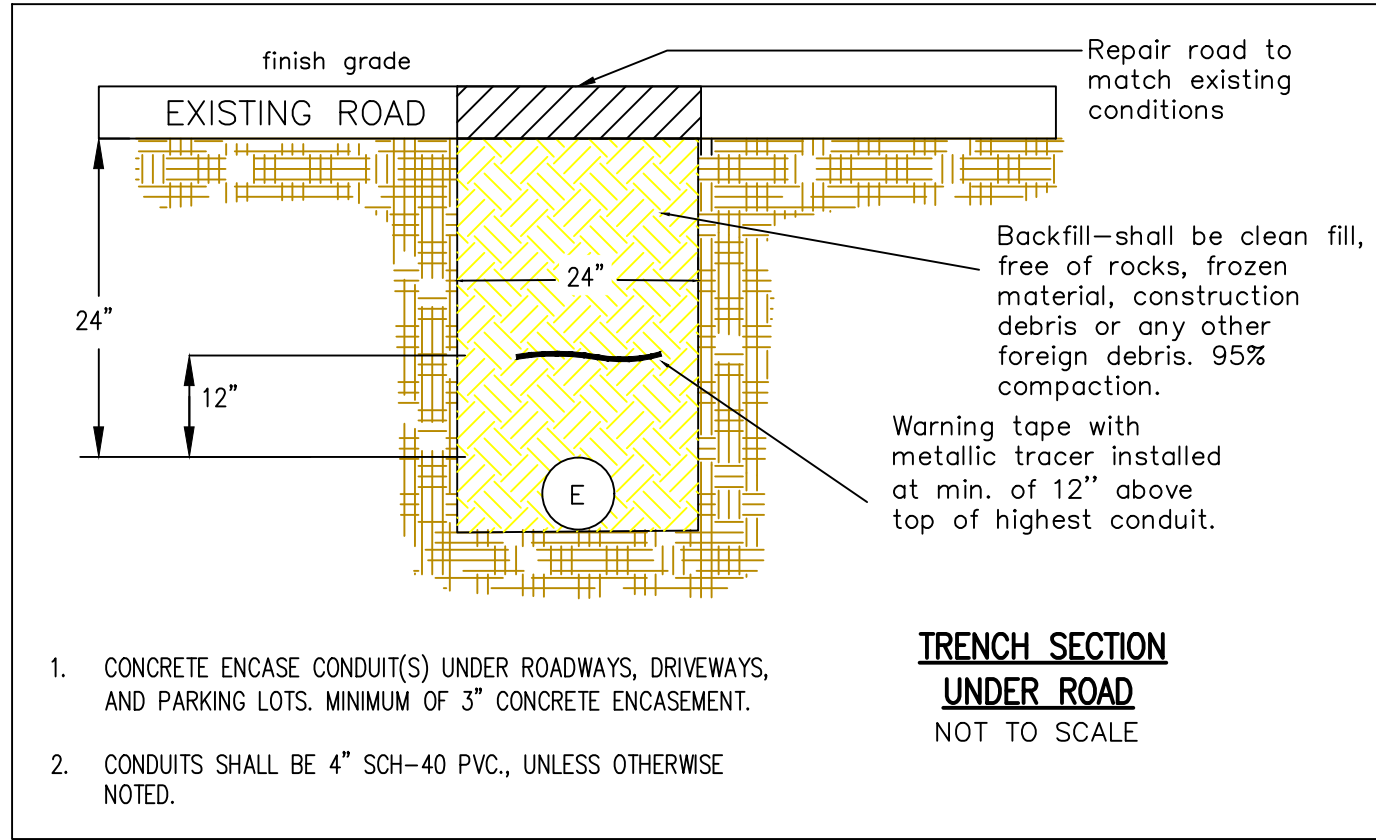


2026-08-12 - 1/8" = 1'-0"

SITE LIGHTING FIXTURE SCHEDULE					
TYPE	LUMINAIRE			DESCRIPTION	CATALOG NO.
	LAMP	DIMMING	WATTAGE		
ED01 ○	LED 3000K 500LM 120-277V	0-10V 1% MIN	5W	4" DIAMETER RECESSED DOWNLIGHT, 50" DISTRIBUTION, WHITE GLOSS PARABOLIC TRIM	GOYTHAM V04-0-05LM-30K- 80CRI-50D-MIN1- MVOLT-ZT-P-WR
EF01 ○	LED 3000K 479LM 12V/UNV	LOW VOLTAGE	10W	7.2" LONG X 2.3" DIAMETER FLOODLIGHT, 34" MEDIUM FLOOD, CLEAR LENS	BK LIGHTING NS FL LOD LHP MATERIAL RO TKM CA E205 MFL 09 00 WLOO FINISH
EP01 ♀	LED 3000K 8000LM 120V	0-10V 10% MIN	64W	19.4" WIDE X 35.8" TALL POST-TOP AREA LUMINAIRE, IP66, WET LOCATION LISTED, CLEAR ACRYLIC LENS, TYPE IV BACKLIGHT SHIELD, VERIFY COASTAL RATED, COORDINATE POLE HEIGHT AND SPECIFICATION WITH CIVIL ENGINEER	LUMENPULSE CLA3661 120 CAL M80 30K CR80 4BLS FINISH DIM POLE: 16' COORDINATE SHAPE AND FINISH WITH CIVIL ENGINEER
EP02 ○	LED 3000K 6000LM 120V	0-10V 10% MIN	55W	19.4" WIDE X 35.8" TALL POST-TOP AREA LUMINAIRE, IP66, WET, CLEAR ACRYLIC LENS, TYPE V SQUARE	LUMENPULSE CLA3661 120 CAL S60 30K CR80 SS FINISH DIM POLE: 10' COORDINATE SHAPE AND FINISH WITH CIVIL ENGINEER
EW01 ♀	LED 3000K 2313LM UNV	0-10V 10% MIN	30W	34.9" TALL X 18.2" DIAMETER WALL LANTERN, WET LISTED IP66, B1-U0-G1	ANP LIGHTING LA440-GPS30W18 T3-30K-WALL MOUNT ARMS-BLACK
3					

LIGHTING FIXTURE SCHEDULE NOTES:

- THE E.C. SHALL COORDINATE ALL COLORS, FINISHES, LENGTHS, ETC. OF FIXTURES WITH THE ARCHITECT AND ACTUAL FIELD CONDITIONS PRIOR TO PLACING PURCHASE ORDER.
- THE E.C. SHALL COORDINATE ALL TRIMS OF LIGHT FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS, EXISTING CONDITIONS, ETC. AND INCLUDE APPROPRIATE TRIM (LAY-IN, DRYWALL, ETC.) IN BASE BID. SUBMISSION OF SHOP DRAWINGS WILL BE INTERPRETED THAT THIS COORDINATION WITH THE ARCHITECT HAS BEEN COMPLETED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO THE LACK OF THIS COORDINATION.
- REFER TO CIVIL DRAWING EA100



REFER TO EA100 FOR ADDITIONAL SITE LIGHTING DETAILS LIKE POLE BASE, POLE HEIGHT, FINAL LOCATIONS AND PHOTOMETRIC

1 SITE LIGHTING PLAN

Scale: 1/32" = 1'-0"

SITE LIGHTING PLAN CODED NOTES:

- PROVIDE GRADE MOUNTED JUNCTION BOX FOR LANDSCAPE LOW VOLTAGE LIGHTING OR ILLUMINATED SIGN, TO BE DETERMINED. FINAL LOCATION TO BE COORDINATED WITH LANDSCAPE ARCHITECT. COORDINATE LOW VOLTAGE WIRING AND CONTROL WITH LANDSCAPE ARCHITECT

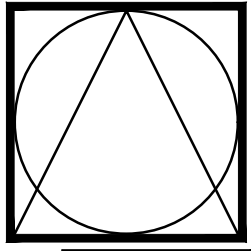
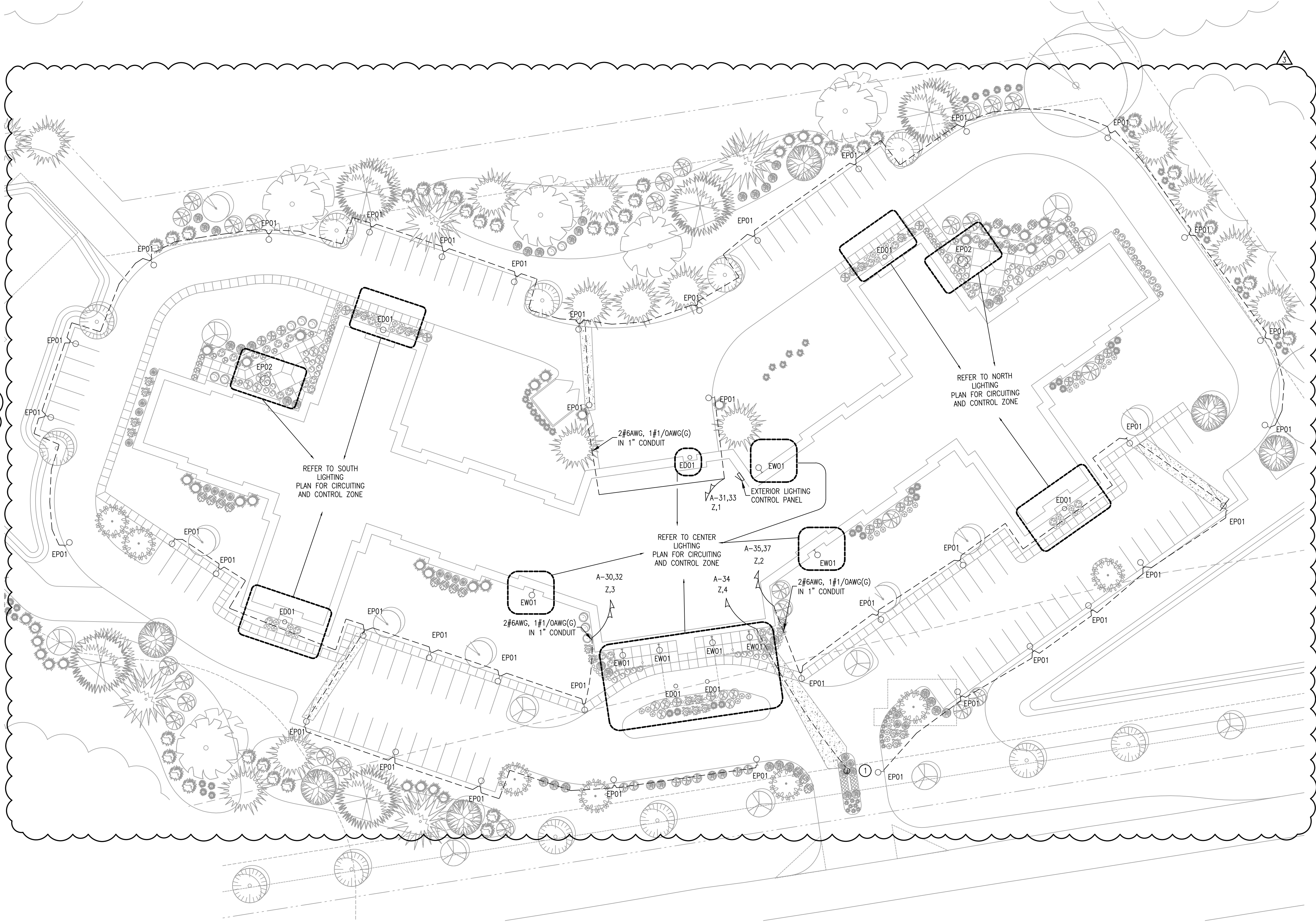
SITE LIGHTING PLAN GENERAL NOTES:

- PROVIDE 0-10V DIMMING TO ALL ZONES. PROGRAM PER ENERGY CODE.
- PROVIDE ASTRONOMICAL TIME CLOCK FOR EXTERIOR PHOTOCELL CONTROL.
- MOUNT EXTERIOR LIGHTING CONTROL PANEL IN ELEC C36



EXTERIOR LIGHTING CONTROL PANEL

Area / Group	Zone	#	Description	LIFE SAFETY / EQUIPMENT (EMERGENCY)	Fixture Type	Fixture Quantity	Zone Fixture Wattage	Panel	Circuit
SITE LIGHTING	Z1	47	BACK LIGHT POLES		EP01	19	1216	A	31.33
	Z2	48	SOUTH FRONT LIGHT POLES		EP01	11	704	A	30.32
	Z3	49	NORTH FRONT LIGHT POLES		EP01	10	640	A	35.37
	Z4	50	SIGN POWER, JUNCTION BOX		EF01	6	60	A	34



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DATE:
PERMIT SUBMISSION: 06.19.26
2. ADDENDUM #2: 08.04.26
3. ADDENDUM #3: 08.13.26

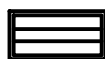
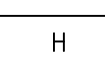
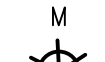
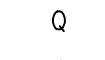
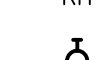
BENNETT'S CREEK
HEALTH & REHABILITATION CENTER
1931/1915 BRIDGE ROAD (HIGHWAY 17)
SUFFOLK, VIRGINIA



DRAWING NAME
SITE LIGHTING PLAN

DAI PROJECT NO.
26032

E2.4

LIGHTING FIXTURE SCHEDULE						
TYPE	LUMINAIRE			DESCRIPTION	MOUNTING	CATALOG NO.
	LAMP	DIMMING	WATTAGE			
A 	LED 35/4/5000K 33/44/500LM 120V	0-10V 1%	45W	2X4 BACKLIT FLAT PANEL, SELECTABLE COLOR TEMPERATURE, SELECTABLE LUMEN, COORDINATE COLOR TEMPERATURE AND LUMEN SETTING WITH OWNER	LAY-IN	COLUMBIA OBT 24 A LSCS EDD OR EQUAL
B 	LED 35/4/5000K 37/50/600L 120V	0-10V 1%	45W	2X4 TROFFER WITH CENTER BASKET, SELECTABLE COLOR TEMPERATURE, SELECTABLE LUMEN, COORDINATE COLOR TEMPERATURE AND LUMEN SETTING WITH OWNER	LAY-IN	COLUMBIA CLT24 LSCS EDD OR EQUAL
C 	LED 35/4/5000K 32/37/500LM 120V	0-10V 1%	38W	2X2 TROFFER WITH CENTER BASKET, SELECTABLE COLOR TEMPERATURE, SELECTABLE LUMEN, COORDINATE COLOR TEMPERATURE AND LUMEN SETTING WITH OWNER	LAY-IN	COLUMBIA CLT22 LSCS EDD OR EQUAL
D 	LED 3/35/4/5000K 45/53/5800LM 120V	0-10V 1%	41W	4" WRAPAROUND, SELECTABLE COLOR TEMPERATURE, SELECTABLE LUMEN, COORDINATE COLOR TEMPERATURE AND LUMEN SETTING WITH OWNER	SURFACE	COLUMBIA ORW4-A-LSCS OR EQUAL
F 	LED 27/3/35/4/5k 3500LM 120V	0-10V 1%	50W	WALL MOUNTED 4" VANITY	WALL ABOVE MIRROR	SATCO NUVO 62-1872
G 	LED 27/3/35/4/5K 7/1050/1400LM 120V	0-10V 1%	19W	4" DOWNLIGHT, ABOVE SUITES, SELECTABLE COLOR TEMPERATURE, SELECTABLE LUMEN, COORDINATE COLOR TEMPERATURE AND LUMEN SETTING WITH OWNER	RECESSED	PRESCOLITE LBRP-M-LS SL CS9 WD LBRP 4RD T DWT OR EQUAL
H 	LED 27/3/35/4/5K 7/1050/1400LM 120V	0-10V 1%	19W	6" DOWNLIGHT, SELECTABLE COLOR TEMPERATURE, SELECTABLE LUMEN, COORDINATE COLOR TEMPERATURE AND LUMEN SETTING WITH OWNER	RECESSED	PRESCOLITE LBRP-M-LS SL CS9 WD LBRP 6RD T DWT OR EQUAL
J 	LED - - -	0-10V 1%	~50W	DINING DECORATIVE FIXTURE, TO BE SELECTED BY OWNER	-	-
K 	LED - - -	0-10V 1%	~50W	LOUNGE DECORATIVE FIXTURE, TO BE SELECTED BY OWNER	-	-
L 	LED - - -	0-10V 1%	~100W	CHANDELIER, TO BE SELECTED BY OWNER	-	-
M 	LED - - -	0-10V 1%	~50W	NURSE STATION DECORATIVE FIXTURE, TO BE SELECTED BY OWNER	-	-
Q 	LED - - -	0-10V 1%	~50W	CONFERENCE PENDANT, TO BE SELECTED BY OWNER	-	-
R	LED 3000K 91 LM/FT 24V	0-10V 1%	750W	~125" COVE LIGHTING, VERIFY LENGTH IN THE FIELD, PROVIDE COMPATIBLE POWER SUPPLY MOUNTED IN ACCESSIBLE LOCATION HIDDEN FROM VIEW, 0-10V DIMMING COMPATIBLE WITH LIGHTING CONTROL SYSTEM, COORDINATE WITH MANUFACTURER FOR LONG RUN, PROVIDE ALUMINUM CHANNEL FOR MOUNTING	COVE	OTL SD-DW24/6.0 DRY 30 CONNECTOR/WIRE IN CONNECTOR/WIRE OUT WIRE COLOR WIRE TYPE ~125"
T	LED 3000K 1500LM	0-10V 1%	12W	4" ADJUSTABLE ACCENT WALL WASH DOWNLIGHT, VERIFY COLOR TEMPERATURE WITH ARCHITECT AND OTHER LIGHTS, SPECULAR REFLECTOR WHITE TRIM	RECESSED	PRESCOLITE LFR-4RA-M 15L 30K 8 MD DM1 LFR-4RA-T S WT OR EQUAL
X 	LED 120V -	-	-W	LED UNIVERSAL MOUNT EXIT SIGN WITH WHITE HOUSING, RED LETTERS, NICAD BATTERY, AND EXTRA FACEPLATE FOR DOUBLE FACED SIGNS.	-	LITHONIA LIGHTING LQM SERIES OR EQUAL
RH 	LED 120V -	-	13W	LED WALL MOUNT EXTERIOR RATED FOR EGRESS LIGHTING, TO BE CONNECTED TO LIFE SAFETY CONTROL ZONE WITH UL924 CONTROL, FOR OFF DURING NORMAL OPERATION AND ON DURING NORMAL POWER OUTAGE, SELECTABLE LUMEN AND SELECTABLE COLOR TEMPERATURE, DISABLE PHOTOCELL	WALL	LITHONIA LIGHTING WPX0 LED ALO SNW2 MVOLT PE FINISH OR EQUAL

LIGHTING FIXTURE SCHEDULE NOTES:

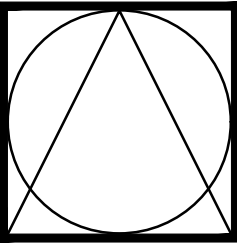
- THE E.C. SHALL COORDINATE ALL COLORS, FINISHES, LENGTHS, ETC. OF FIXTURES WITH THE ARCHITECT AND ACTUAL FIELD CONDITIONS PRIOR TO PLACING PURCHASE ORDER.
- THE E.C. SHALL COORDINATE ALL TRIMS OF LIGHT FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLANS, EXISTING CONDITIONS, ETC. AND INCLUDE APPROPRIATE TRIM (LAY-IN, DRYWALL, ETC.) IN BASE BID. SUBMISSION OF SHOP DRAWINGS WILL BE INTERPRETED THAT THIS COORDINATION WITH THE ARCHITECT HAS BEEN COMPLETED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO THE LACK OF THIS COORDINATION.

NEC 517.42 TYPE 2 NOTES:

- 517.42 ESSENTIAL ELECTRICAL SYSTEMS FOR NURSING HOMES AND LIMITED CARE FACILITIES.
- (A) GENERAL. THE ESSENTIAL ELECTRICAL SYSTEM SHALL BE DIVIDED INTO THE FOLLOWING TWO BRANCHES
- (1) LIFE SAFETY BRANCH
- (2) EQUIPMENT BRANCH
- THE DIVISION BETWEEN THE BRANCHES SHALL OCCUR AT TRANSFER SWITCHES WHERE MORE THAN ONE TRANSFER SWITCH IS REQUIRED.
- (B) TRANSFER SWITCHES. THE NUMBER OF TRANSFER SWITCHES TO BE USED SHALL BE BASED UPON RELIABILITY, DESIGN, AND LOAD CONSIDERATION. TRANSFER SWITCHES SHALL BE IN ACCORDANCE WITH ONE OF THE FOLLOWING:
- (1) EACH BRANCH OF THE ESSENTIAL ELECTRICAL SYSTEM SHALL HAVE ONE OR MORE TRANSFER SWITCHES.
- (2) ONE TRANSFER SWITCH SHALL BE PERMITTED TO SERVE ONE OR MORE BRANCHES IN A FACILITY WITH A CONTINUOUS LOAD ON THE SWITCH OF 150 KVA (120kW) OR LESS.
- (C) CAPACITY OF SYSTEM. THE ESSENTIAL ELECTRICAL SYSTEM SHALL HAVE CAPACITY TO MEET THE DEMAND FOR THE OPERATION OF ALL FUNCTION AND EQUIPMENT TO BE SERVED BY EACH BRANCH AT ONE TIME.
- (D) SEPARATION FROM OTHER CIRCUITS. THE LIFE SAFETY BRANCH AND EQUIPMENT BRANCH SHALL BE KEPT ENTIRELY INDEPENDENT OF ALL OTHER WIRING AND EQUIPMENT. THESE CIRCUITS SHALL NOT ENTER THE SAME RACEWAYS, BOXES, OR CABINETS WITH OTHER WIRING EXCEPT AS FOLLOWS:
- (1) IN TRANSFER SWITCHES
- (2) IN EXIT OR EMERGENCY LUMINAIRES SUPPLIED FROM TWO SOURCES
- (3) IN A COMMON JUNCTION BOX ATTACHED TO EXIT OR EMERGENCY LUMINAIRES SUPPLIED FROM TWO SOURCES
- (E) RECEPTACLE IDENTIFICATION. THE ELECTRICAL RECEPTACLES OR THE COVER PLATES FOR THE ELECTRICAL RECEPTACLES SUPPLIED FROM THE LIFE SAFETY BRANCHES SHALL HAVE A DISTINCTIVE COLOR OR MARKING SO AS TO BE READILY IDENTIFIABLE.

- 517.43 AUTOMATIC CONNECTION TO LIFE SAFETY AND EQUIPMENT BRANCH. THE LIFE SAFETY AND EQUIPMENT BRANCHES SHALL BE INSTALLED AND CONNECTED TO THE ALTERNATE SOURCE OF POWER SPECIFIED IN 517.41 SO THAT ALL FUNCTIONS SPECIFIED HEREIN FOR THE LIFE SAFETY AND EQUIPMENT BRANCHES ARE AUTOMATICALLY RESTORED TO OPERATION WITHIN 10 SECONDS AFTER INTERRUPTION OF THE NORMAL SOURCE.
- NO FUNCTIONS OTHER THAN THOSE LISTED IN 517.43 (A) THROUGH (G) SHALL BE CONNECTED TO THE LIFE SAFETY BRANCH. THE LIFE SAFETY BRANCH SHALL SUPPLY POWER AS FOLLOWS:
- (A) ILLUMINATION OF MEANS OF EGRESS
- (B) EXIT SIGNS
- (C) ALARM AND ALERTING SYSTEMS
- (D) COMMUNICATIONS SYSTEMS
- (E) GENERATOR SET LOCATIONS
- (F) ELEVATORS
- (G) AC EQUIPMENT FOR NONDELAYED AUTOMATIC CONNECTION

- 517.44 CONNECTION TO EQUIPMENT BRANCH. THE EQUIPMENT BRANCH SHALL BE INSTALLED AND CONNECTED TO THE ALTERNATE POWER SOURCE SUCH THAT EQUIPMENT DESCRIBED IN 517.35 (A)(6) IS AUTOMATICALLY RESTORED TO OPERATION AT APPROPRIATE TIME-LAG INTERVALS FOLLOWING THE ENERGIZING OF THE LIFE SAFETY AND CRITICAL BRANCHES.
- (A) DELAYED AUTOMATIC CONNECTIONS TO EQUIPMENT BRANCH. THE FOLLOWING EQUIPMENT SHALL BE PERMITTED TO BE CONNECTED TO THE EQUIPMENT BRANCH AND SHALL BE ARRANGED FOR DELAYED AUTOMATIC CONNECTION TO THE ALTERNATE POWER SOURCE:
- (1) TASK ILLUMINATION AND SELECT RECEPTACLES IN THE FOLLOWING
- A. PATIENT CARE SPACES
- B. MEDICATION PREPARATION SPACES
- C. PHARMACY DISPENSING SPACE
- D. NURSES' STATIONS - UNLESS ADEQUATELY LIGHTED BY CORRIDOR LUMINAIRES
- (2) SUPPLY, RETURN AND EXHAUST VENTILATING SYSTEMS FOR AIRBORNE INFECTIOUS ISOLATION ROOMS.
- (3) SUMP PUMPS AND OTHER EQUIPMENT REQUIRED TO OPERATE FOR THE SAFETY OF MAJOR APPARATUS AND ASSOCIATED CONTROL SYSTEMS AND ALARMS
- (4) SMOKE CONTROL AND STAIR PRESSURIZATION SYSTEMS
- (5) KITCHEN HOOD SUPPLY OR EXHAUST SYSTEMS, OR BOTH, IF REQUIRED TO OPERATE DURING A FIRE IN OR UNDER THE HOOD
- (6) NURSE CALL SYSTEMS
- (B) DELAYED-AUTOMATIC OR MANUAL CONNECTION TO THE EQUIPMENT BRANCH. THE EQUIPMENT SPECIFIED IN 517.44(B)(1) THROUGH (B)(4) SHALL BE PERMITTED TO BE CONNECTED TO THE EQUIPMENT BRANCH AND SHALL BE ARRANGED FOR EITHER DELAYED-AUTOMATIC OR MANUAL CONNECTION TO THE POWER SOURCE
- (B)(1) HEATING EQUIPMENT TO PROVIDE HEATING FOR GENERAL PATIENT ROOMS
- 1) THE OUTSIDE DESIGN TEMPERATURE IS HIGHER THAN -6.7°C (20°F)
- 2) THE OUTSIDE DESIGN TEMPERATURE IS LOWER THAN -6.7°C (20°F) AND, WHERE A SELECTED ROOM(S) IS PROVIDED FOR THE NEEDS OF ALL CONFINED PATIENTS THEN ONLY SUCH ROOM(S) NEED BE HEATED
- 3) THE FACILITY IS SERVED BY A DUAL SOURCE OF NORMAL POWER AS DESCRIBED IN 517.30(C), INFORMATIONAL NOTE
- (B)(2) ELEVATOR SERVICE. IN INSTANCES WHERE INTERRUPTIONS OF POWER WOULD RESULT IN ELEVATORS STOPPING BETWEEN FLOORS, THROWING OVER FACILITIES SHALL BE PROVIDED TO ALLOW THE TEMPORARY OPERATION OF ANY ELEVATOR FOR THE RELEASE OF PASSENGERS
- (B)(3) OPTIONAL CONNECTIONS TO THE EQUIPMENT BRANCH. ADDITIONAL ILLUMINATION, RECEPTACLES, AND EQUIPMENT SHALL BE PERMITTED TO BE CONNECTED ONLY TO THE EQUIPMENT BRANCH.
- (B)(4) MULTIPLE SYSTEMS. WHERE ONE SWITCH SERVES MULTIPLE SYSTEMS AS PERMITTED IN 517.43, TRANSFER FOR ALL LOADS SHALL BE NONDELAYED AUTOMATIC.



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DATE:
PERMIT SUBMISSION: 06.19.26
2. ADDENDUM #2: 08.04.26
3. ADDENDUM #3: 08.13.26

BENNETT'S CREEK
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E6.1