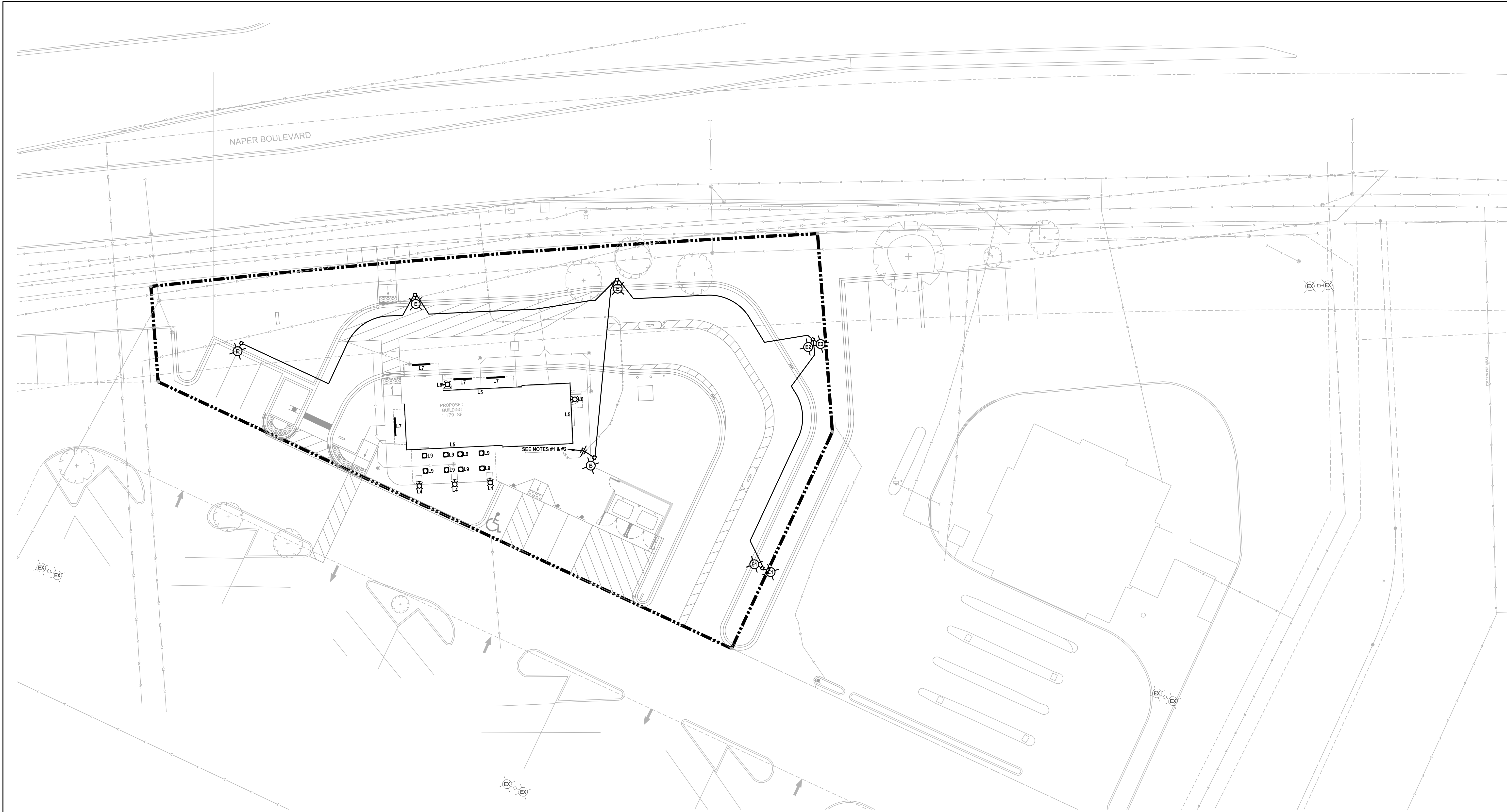




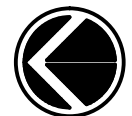
ELECTRICAL SITE PLAN
SCALE: 1/16"=1'-0"

- NOTES:**
1. EACH LIGHT FIXTURE TO HAVE MOTION SENSOR CONTROL. LIGHT FIXTURES TO DIM TO 33% AFTER 15 MINUTES OF NO MOTION DETECTED. ALL LIGHTS ON THAT CIRCUIT TO COME TO FULL BRIGHTNESS WHEN ONE MOTION SENSOR IS ACTIVATED.
 2. 2 #8 THWN & 1 #8 GND, IN 3/4" C. TO LIGHTING PANEL VIA PHOTOCELL-ON, TIMECLOCK-OFF.
 3. THE EXTERIOR LIGHTING SHOWN ON THIS PLAN COMPLIES WITH NAPERVILLE PERFORMANCE STANDARDS 6-14-4.3.7.2.



Date: 08/27/25
Lic. Exp.: 11/30/25

ELECTRICAL SITE PLAN		JACOB & HEFNER ASSOCIATES		Corporation Registration #184.005374	
DUTCH BROS. COFFEE		1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com		 KORNACKI & ASSOCIATES, INC. Electrical Design Consultants 2645 S. Moorland Rd., New Berlin, WI 53151	
SHOREWOOD DEVELOPMENT GROUP					
NAPERVILLE, ILLINOIS					
No.		Description		AS NOTED	
1		ISSUED FOR PERMIT		25101	
05/23/25		PERMIT REVIEW COMMENTS		E1	
08/27/25		PERMIT REVIEW COMMENTS			
07/30/25		REISSUE FOR PERMIT			
08/27/25		Date			



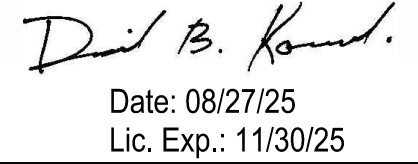
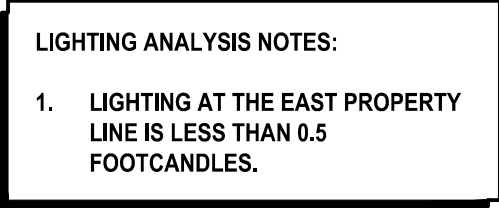
**LIGHTING ANALYSIS NOTES:
(NAPERVILLE REQUIREMENTS)**

LIGHTING ANALYSIS NOTES: (PAVED AREAS ONLY)		
1.	AVERAGE FOOTCANDLES:	2.58
2.	MAXIMUM FOOTCANDLES:	12.38
3.	MINIMUM FOOTCANDLES:	0.88
4.	MAXIMUM/MINIMUM RATIO:	14.1:1
5.	AVERAGE/MINIMUM RATIO:	2.9:1
6.	MOUNTING HEIGHT:	25'
7.	LIGHT LOSS FACTOR:	0.8

LIGHTING ANALYSIS NOTES: (ENTIRE PROPERTY)		
1.	AVERAGE FOOTCANDLES:	2.46
2.	MAXIMUM FOOTCANDLES:	19.59
3.	MINIMUM FOOTCANDLES:	0.01
4.	MAXIMUM/MINIMUM RATIO:	NA
5.	AVERAGE/MINIMUM RATIO:	NA
6.	LIGHT LOSS FACTOR:	0.75

NOTES

E2	25101	AS NOTED	Corporation Registration #184.005374  KORNACKI & ASSOCIATES, INC. Electrical Design Consultants 262-784-3323 2845 S. Moorland Rd., New Berlin, WI 53151 JACOB & HEFNER ASSOCIATES 1333 Butterfield Rd, Suite 300, Downers Grove, IL 60515 PHONE: (630) 652-4600, FAX: (630) 652-4601 www.jacobandhefner.com PHOTOMETRIC SITE PLAN DUTCH BROS. COFFEE SHOREWOOD DEVELOPMENT GROUP NAPERVILLE, ILLINOIS <table><thead><tr><th>No.</th><th>Description</th><th>Date</th></tr></thead><tbody><tr><td>1</td><td>ISSUED FOR PERMIT</td><td>05/22/25</td></tr><tr><td>△</td><td>PERMIT REVIEW COMMENTS</td><td>06/22/25</td></tr><tr><td>△</td><td>REISSUE FOR PERMIT</td><td>08/27/25</td></tr><tr><td>△</td><td>PERMIT REVIEW COMMENTS</td><td>07/30/25</td></tr></tbody></table>	No.	Description	Date	1	ISSUED FOR PERMIT	05/22/25	△	PERMIT REVIEW COMMENTS	06/22/25	△	REISSUE FOR PERMIT	08/27/25	△	PERMIT REVIEW COMMENTS	07/30/25
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E3

JACOB & HEFNER
ASSOCIATES

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FIXTURE SCHEDULE

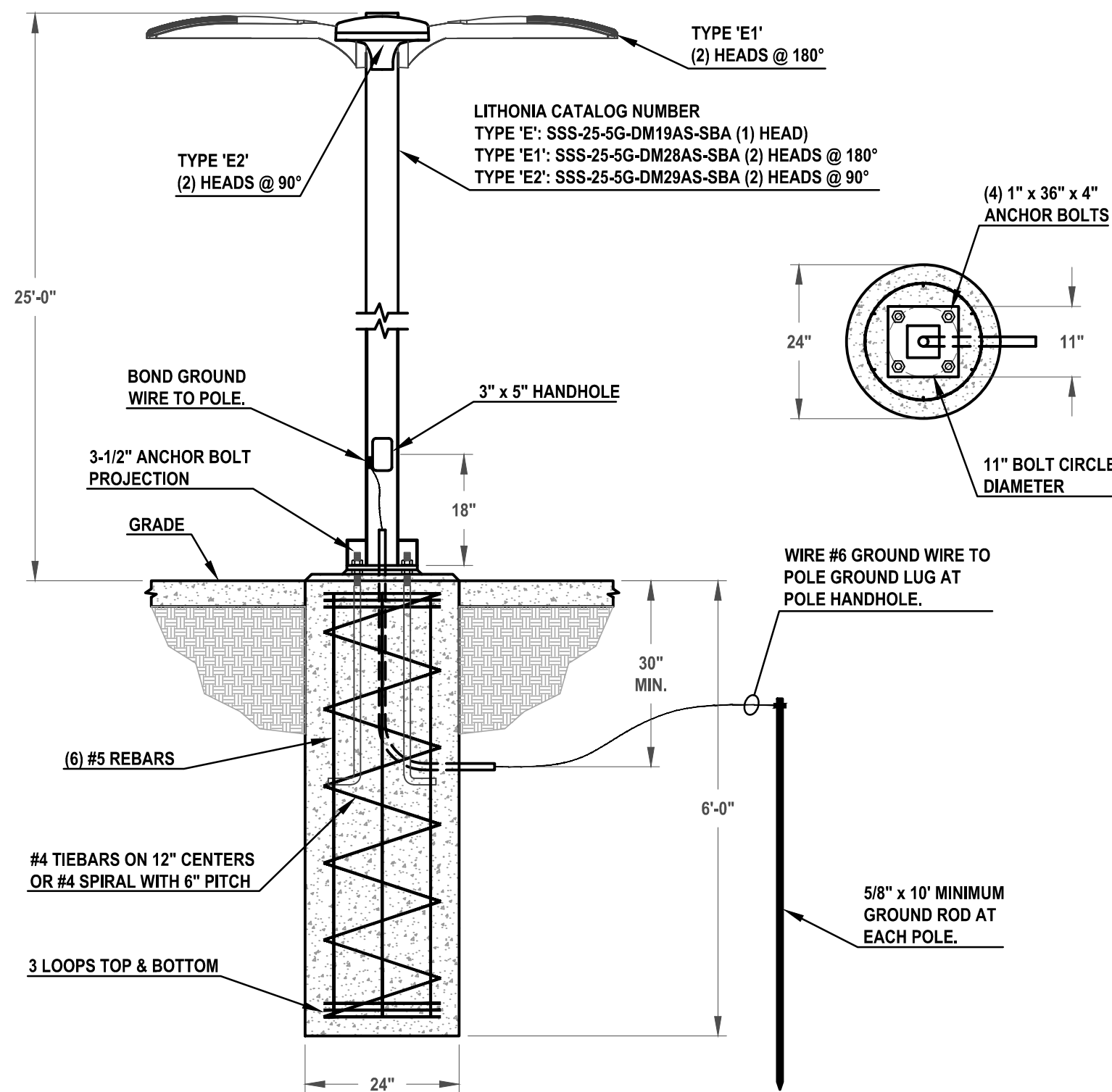
TYPE	INPUT WATTS	VOLTS	LUMENS	COLOR TEMP	CRI			DESCRIPTION	MANUFACTURER	CATALOG NUMBER	BUG RATING	SHIELDING	FINISH	MOUNTING	CONTROLS		SEE NOTES
					70+	80+	90+								INTEGRAL	REMOTE	
E	137	120	12873	4000K	●			POLE & LUMINAIRE	LITHONIA	DSX0 LED-P6-40K-70CRI-BLC4-MVOLT-SPA-NLTAIR2-PIRHN-DOBXD	004	ACRYLIC	DARK BRONZE	SEE DETAIL 1/E4	OS	PHOTO ON TC OFF	#1
E1	(2) 137	120	12873	4000K	●			POLE & (2) LUMINAIRES	LITHONIA	(2) DSX0 LED-P6-40K-70CRI-BLC4-MVOLT-SPA-NLTAIR2-PIRHN-DOBXD	004	ACRYLIC	DARK BRONZE	SEE DETAIL 1/E4	OS	PHOTO ON TC OFF	#1
E2	(2) 137	120	12873	4000K	●			POLE & (2) LUMINAIRES	LITHONIA	(2) DSX0 LED-P6-40K-70CRI-BLC4-MVOLT-SPA-NLTAIR2-PIRHN-DOBXD	004	ACRYLIC	DARK BRONZE	SEE DETAIL 1/E4	OS	PHOTO ON TC OFF	#1
L4								WALL SCNCE	PROVIDED BY OWNER/OWNER'S E.C.								
L5								NEON STRIP	PROVIDED BY OWNER/OWNER'S E.C.								
L6								WALL BRACKET	PROVIDED BY OWNER/OWNER'S E.C.								
L7								STRIP	PROVIDED BY OWNER/OWNER'S E.C.								
L9								DOWNLIGHT	PROVIDED BY OWNER/OWNER'S E.C.								

FIXTURE SCHEDULE NOTES:

- EACH LIGHT FXTURE TO HAVE MOTION SENSOR CONTROL. LIGHT FIXTURES TO DIM TO 33% IN UNOCCUPIED MODE. ALL LIGHTS TO COME TO FULL BRIGHTNESS WHEN ONE MOTION SENSOR IS ACTIVATED.

SYMBOLS / ABBREVIATIONS

	WALL BRACKET/WALL SCNCE FIXTURE - SEE FIXTURE SCHEDULE
	SURFACE/PENDANT FIXTURE - SEE FIXTURE SCHEDULE
	RECESSED DOWNLIGHT FIXTURE - SEE FIXTURE SCHEDULE
	POLE & LUMINAIRE(S) FIXTURE - SEE FIXTURE SCHEDULE
	SWITCHED CIRCUIT
	BRANCH CIRCUIT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTER
AMP	AMPERES/AMPERAGE
AV	AUDIO VISUAL
BB	BATTERY BACKUP
BFC	BELOW FINISHED CEILING
BOL	BUILT-IN OVERLOAD
BRKR	BREAKER
BWE	BAKED WHITE ENAMEL
CBA	COLOR BY ARCHITECT
CP	CONTROL PANEL
CRCT	CIRCUIT
CTL	CONTROL
DCP	DOCK EQUIPMENT CONTROL PANEL
DISC	DISCONNECT
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
ER	EXISTING RELOCATED
ETC	ELECTRONIC TIME CLOCK CONTROL
EX	EXISTING TO REMAIN
EXD	EXISTING TO BE DEMO'D
EXR	EXISTING TO BE RELOCATED
EWC	ELECTRIC WATER COOLER
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPS
FLSW	FLOAT SWITCH
FPC	FIRE PROTECTION CONTRACTOR
FURN	FURNISHED
GC	GENERAL CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HOA	HAND-OFF-AUTOMATIC SWITCH
HP	HORSEPOWER
HVAC	HEATING AND VENTILATING CONTRACTOR
IG	ISOLATED GROUND
INT	INTEGRAL
IR	IN ROOM
IU	IN UNIT
JB	JUNCTION BOX
KW	KILOWATTS
LCP	LIGHTING CONTROL PANEL
LOC	LOCATION
LT	LOW TEMPERATURE
LTSW	LIGHT SWITCH
LVT	LOW VOLTAGE THERMOSTAT
MAG	MAGNETIC STARTER
MAN	MANUAL STARTER
MCA	MINIMUM CIRCUIT AMPS
MSPL	MANUAL STARTER WITH PILOT LIGHT
NL	NIGHT LIGHT
NU	NEAR UNIT
OHP	OVERHEAT PROTECTION
OS	OCCUPANCY SENSOR
OU	ON UNIT
PB	PUSH BUTTON
PC	PLUMBING CONTRACTOR
PESW	PNEUMATIC ELECTRIC SWITCH
PHOTO	PHOTOCELL
PW	PREWIRED
RC	REFRIGERATION CONTRACTOR
RCC	REFRIGERATION CONTROL CONTRACTOR
RECEPT	RECEPTACLE
SBA	SELECTED BY ARCHITECT
SC	SEPARATE CIRCUIT
SPSW	SPEED SWITCH
SS	SOFT START
ST	SHUNT TRIP
SW	SWITCH
T	LINE VOLTAGE THERMOSTAT
TBD	TO BE DETERMINED
TC	TIME CLOCK
TCC	TEMPERATURE CONTROL CONTRACTOR
TCP	TEMPERATURE CONTROL PANEL
UM	UNIT MANUFACTURER
UNO	UNLESS NOTED OTHERWISE
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
WP	WEATHER PROOF ("WHILE-IN-USE")
XFMR	TRANSFORMER



SCHEDULES

DUTCH BROS. COFFEE
 SHOREWOOD DEVELOPMENT GROUP
 NAPERVILLE, ILLINOIS

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AS NOTED

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E4



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