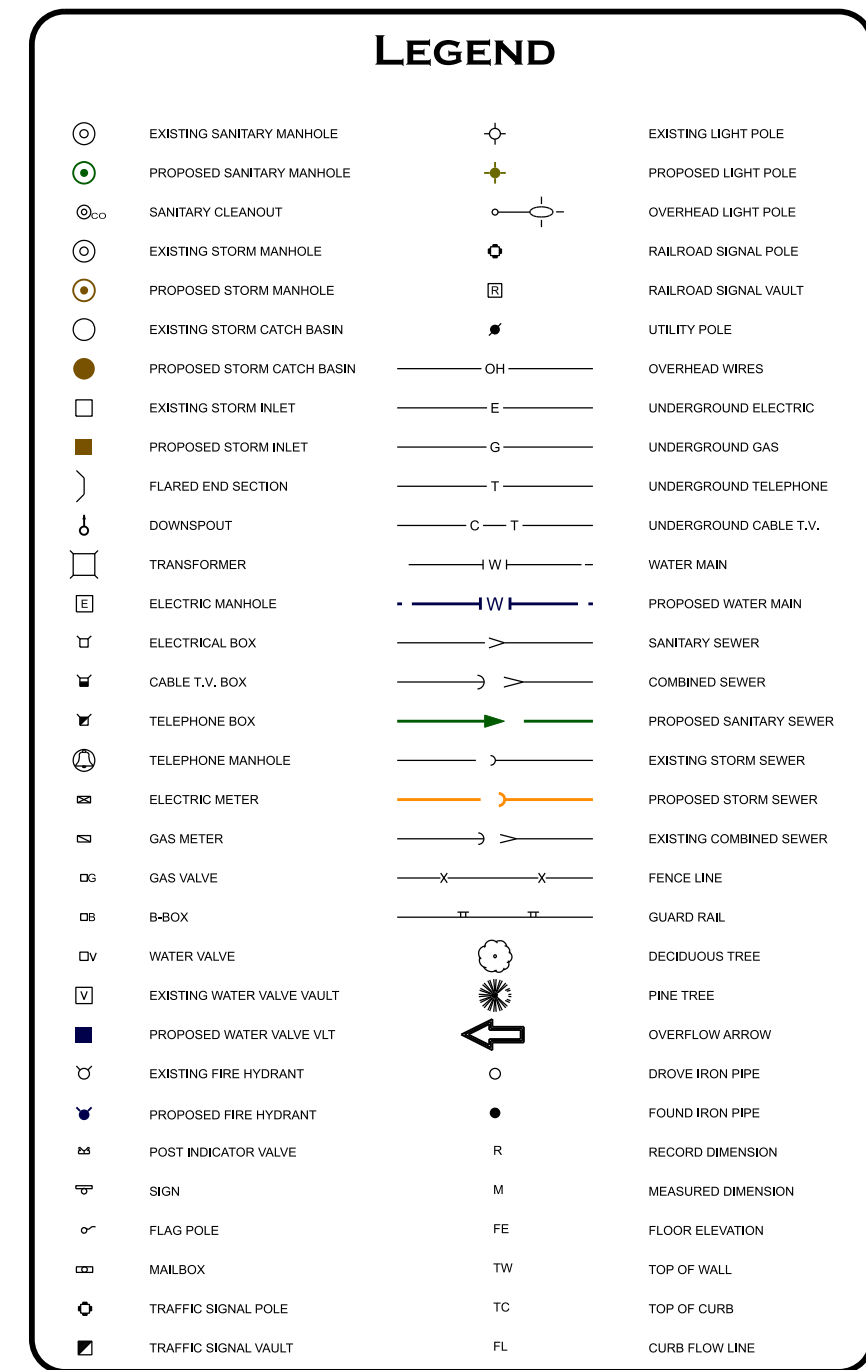


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Development Data Table: Final Plan					
Description	Value	Unit	Description	Value	Unit
A) Tax/Parcel Identification Numbers (PINs) 07-04-100-010; 07-04-100-003; 07-04-100-007			1) Total Number of Residential Dwelling Units	0	Units
			a) Gross Density	0.00	Units/Acre
			b) Net Density	0.00	Units/Acre
B) Proposed land use(s) Warehouse			2) Number of Single Family Dwelling Units	0	Units
			a) Gross Density	0.00	Units/Acre
			b) Net Density	0.00	Units/Acre
C) Total Property Size	12.6550(18)	Acre(s)	i) Unit Square Footage (average)	0	Square Feet
	7650(18)	Square Feet	ii) Bedroom Area	0	Square Feet
D) Total Lot Coverage (building and pavement)	4500(21)	Square Feet			
	44%	Percent	i) Unit Square Footage (average)	0	Square Feet
E) Open space to be dedicated	0	Square Feet	ii) Bedroom Area	0	Square Feet
	0%	Percent			
F) Land to be dedicated to the School District	0	Square Feet	3) Number of Single Family Attached Units	0	Units
G) Land to be dedicated to the Park District	0	Square Feet	a) Gross Density	0.00	Units/Acre
			b) Net Density	0.00	Units/Acre
H) Number of parking spaces provided (individually accessible)			i) Unit Square Footage (average)	0	Square Feet
			ii) Bedroom Area	0	Square Feet
I) Surface parking lot	262	Spaces			
a) paved	262	Spaces			
b) unpaved	0	Spaces			
c) enclosed	0	Spaces			
d) other	0	Spaces			
e) enclosed	0	Spaces			
f) other	0	Spaces			
J) Number of buildings	0	Buildings	m) Number of Multifamily Dwelling Units	0	Units
			a) Gross Density	0.00	Units/Acre
			b) Net Density	0.00	Units/Acre
i) Building Square Footage (typical)	2700(24)	Square Feet	i) Unit Square Footage (average)	0	Square Feet
ii) Square Footage of retail floor area	0	Square Feet	ii) Bedroom Area	0	Square Feet
iii) First Floor Building Square Footage (typical)	0	Square Feet			
iv) First Floor Building Square Footage (typical)	0	Square Feet			

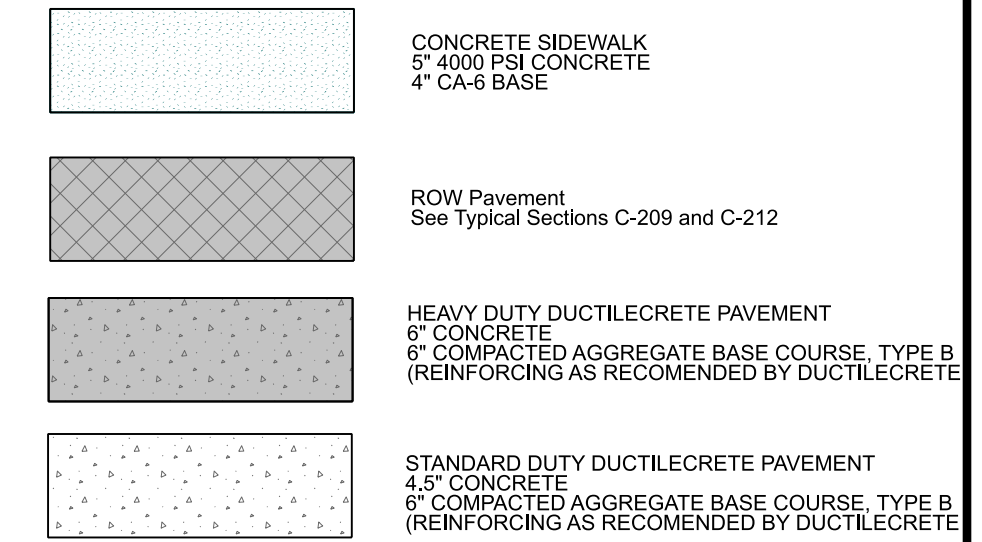


**24" Stop Bar and
R1-1 Stop Sign**

FRIEDER

Proposed Warehouse
270,934SF

PAVEMENT LEGEND:



CURB LEGEND

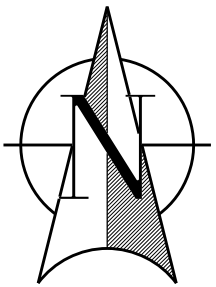


BUTTERFIELD PHASE II UNIT 4C

SITE AREA	768,208 s. ft.
BUILDING AREA	270,934 s. ft.
OPEN SPACE/LANDSCAPE AREA	277,285 s. ft.
PAVEMENT AREA	219,970 s. ft.
TOTAL LOT COVERAGE	490,921 s. ft.
PARKING REQUIRED	198
PARKING PROVIDED (inc. ADA)	262
TRUCK PARKING	51
ACCESSIBLE PARKING PROVIDED	7
PARKING RATIO	0.94/1000

CURRENT CITY PARKING REQUIREMENT
1/1,000 S.F. TO 150,000 S.F.
1/2,500 S.F. REMAINING S.F.

NOTE:
All dimensions shown hereon are to face of curb
unless noted otherwise



0 50 100

GRAPHIC SCALE - FEET

**PROPOSED WAREHOUSE
SW CORNER FERRY AND MERIDIAN ROADS
AURORA, IL**

WEBSTER, MCGRATH & AHLBERG, LTD.



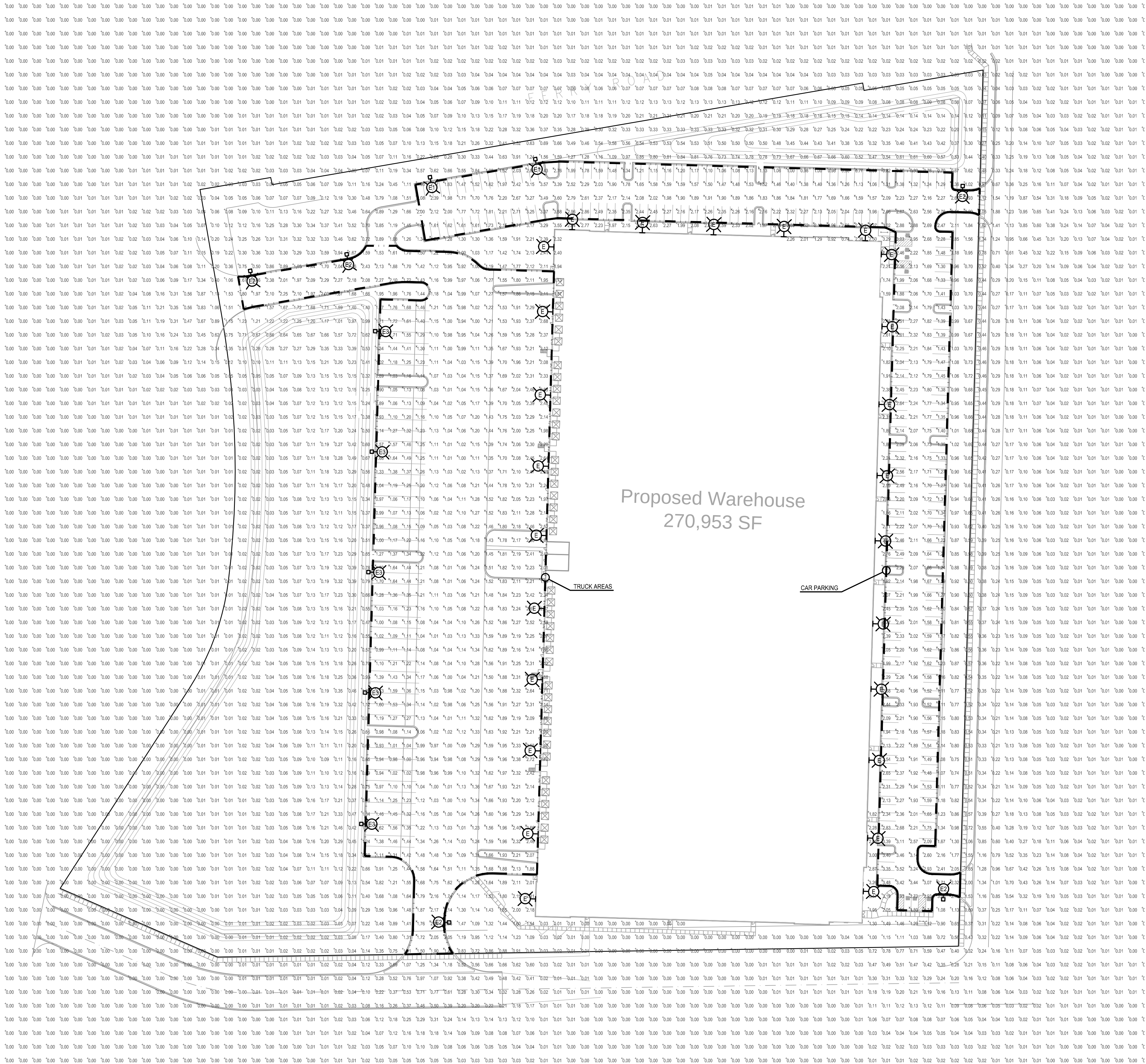
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DESIGN FIRM LICENSE NO. 184003101

[illegible]

FINAL PLAN

SHEET # **FP-1**



PHOTOMETRIC SITE PLAN
SCALE: 1"=60'-0"

Photometric Data Table			
Fixture #	Description	Value	Unit
	Total proposed external lumens	753,202	Lumens
	Total square footage of area to be illuminated.	218,698	Square Feet
	Description	Value	Unit
	i) Type of Fixture (i.e. Pole, Wall Mounted)	E - Wall	
1	ii) manufacturer and model number(s)	See Fixture Schedule	
	iii) Number of these Fixtures Shown	25	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED	
	v) Lumen output and wattage per Fixture	20296-183	Lumen/Wattage
	v) Mounting Height / Fixture Height	35'	Feet
Fixture #	Description	Value	Unit
2	i) Type of Fixture (i.e. Pole, Wall Mounted)	E1 - Pole	
	ii) manufacturer and model number(s)	See Fixture Schedule	
	iii) Number of these Fixtures Shown	2	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED	
	v) Lumen output and wattage per Fixture	20296-183	Lumen/Wattage
	v) Mounting Height / Fixture Height	33'	Square Feet

Photometric Data Table			
Fixture #	Description	Value	Unit
	Total proposed external lumens	753,202	Lumens
	Total square footage of area to be illuminated.	218,698	Square Feet
	Description	Value	Unit
	i) Type of Fixture (i.e. Pole, Wall Mounted)	E2 - Pole	
1	ii) manufacturer and model number(s)	See Fixture Schedule	
	iii) Number of these Fixtures Shown	5	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED	
	v) Lumen output and wattage per Fixture	20746-183	Lumen/Wattage
	v) Mounting Height / Fixture Height	35'	Feet
Fixture #	Description	Value	Unit
2	i) Type of Fixture (i.e. Pole, Wall Mounted)	E3 - Pole	
	ii) manufacturer and model number(s)	See Fixture Schedule	
	iii) Number of these Fixtures Shown	5	Fixtures
	v) Lamp source type (bulb type, i.e. high pressure sodium, LED)	LED	
	v) Lumen output and wattage per Fixture	20296-183	Lumen/Wattage
	v) Mounting Height / Fixture Height	33'	Square Feet

LIGHTING ANALYSIS NOTES:
(CAR PARKING)

1. AVERAGE FOOTCANDLES: 1.99
2. MAXIMUM FOOTCANDLES: 3.60
3. MINIMUM FOOTCANDLES: 0.96
4. MAXIMUM/MINIMUM RATIO: 3.8:1
5. AVERAGE/MINIMUM RATIO: 2.1:1

LIGHTING ANALYSIS NOTES:
(TRUCK AREAS)

1. AVERAGE FOOTCANDLES: 1.53
2. MAXIMUM FOOTCANDLES: 2.87
3. MINIMUM FOOTCANDLES: 0.92
4. MAXIMUM/MINIMUM RATIO: 3.1:1
5. AVERAGE/MINIMUM RATIO: 1.7:1

NEW WAREHOUSE
Ferry Road, Aurora, Illinois
PHOTOMETRIC SITE PLAN

2610 Lake Cook Road
Suite 280
Riverside, IL 60015
Ph.: (847) 940-0300
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ARCHITECTS



Date: 11/02/21
Lic. Exp.: 11/30/21

KORNACKI & ASSOCIATES, INC.
CONSULTING ELECTRICAL ENGINEERS
5420 SOUTH WESTBRIDGE DRIVE
NEW BERLIN, WI 53151
(262) 784-3323 FAX: (262) 784-5014

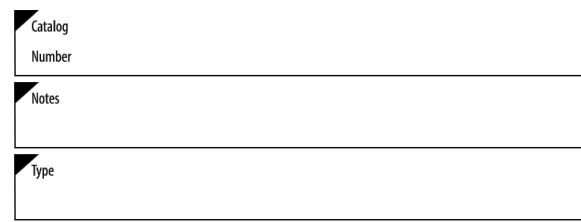
PROJECT NO.:
21114
DRAWN BY: 6MB
CHECKED BY: DBK
DATE: 11.02.21
SHEET NO.:

E2

21113

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1. EACH LIGHT FIXTURE 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.



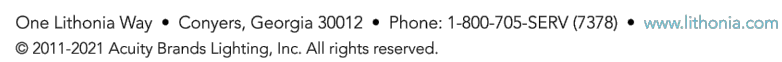
The modern styling of the D-Series is striking, yet unobtrusive - making a bold, progressive statement even as it blends seamlessly with its environment. The D-Series distills the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire.

The outstanding photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. It is ideal for replacing up to 750W metal halide in pedestrian and area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

EXAMPLE: DSX1 LED P7 40K T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

DSX1 LED												
Series	LEDs	Color temperature		Distribution		Voltage		Mounting				
DSX1 LED	Forward optics										Shipped included	
	P1	P4 ¹	30K	3000 K	T15	Type I short	TSV5	Type V very short ¹	MVOLT ¹			
	P2	P4 ¹	40K	4000 K	T15	Type I short ¹	TSV5	Type V short ¹	XVOLT ¹	SPA	Square pole mounting	
	P2	P5 ¹	50K	5000 K	T25	Type II short	TSM	Type M medium	XVOLT ¹	SPA	Square pole mounting	
	P3	P6 ¹	30K	3000 K	T25	Type II short	TSW	Type W wide ¹	277V	WBA	Wall bracket	
	Retained optics											
	P10 ¹	P12 ¹			T35	Type I short	BLC	Backlight control ¹	208 ¹	SPUMBA	Square pole universal mounting adaptor ^{1,2}	
	P11 ¹	P13 ¹			T35	Type II medium	LCCL	Low corner cutoff ¹	240 ¹	SPUMBA	Square pole universal mounting adaptor ^{1,2}	
	P11 ¹	P13 ¹			T44	Type II medium	RCCO	Right corner cutoff ¹	277 ¹			
					TFEM	Forward medium			347 ¹			
								480 ¹				

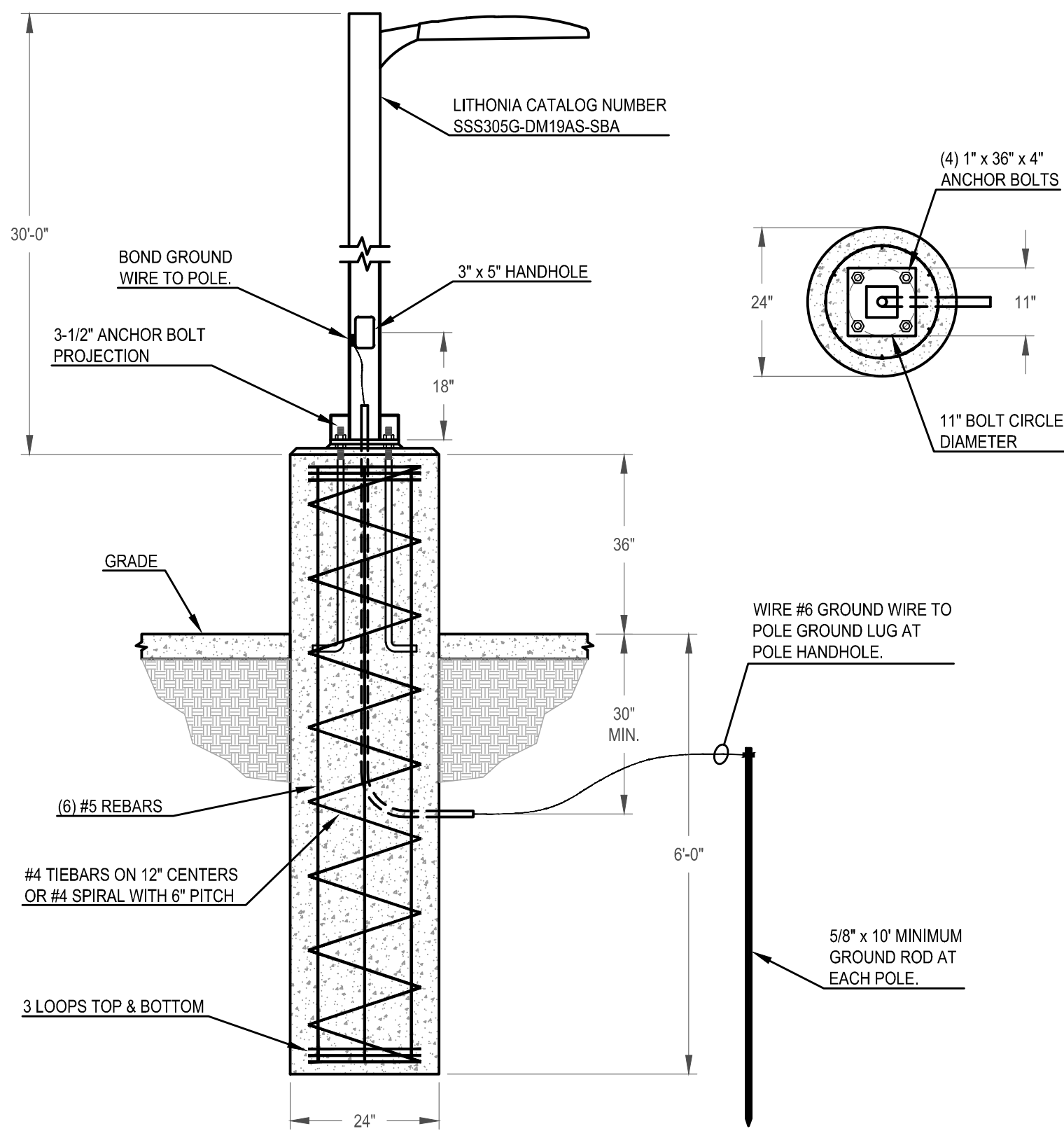
Control options			Other options	Finish (optional)
Shipped installed			Shipped installed	
NEMRA Night A/B generation 2 enabled ¹⁵	PIR	High/low, motion/ambient sensor, 8-15 mounting height, ambient sensor enabled at 5k ^{16,17}	HS House-side shield ¹⁸	DORIO Dark bronze
PIRIR Network, high/low motion/ambient sensor * ¹⁹	PIRIR	High/low, motion/ambient sensor, 15-30 mounting height, ambient sensor enabled at 5k ^{16,17}	SS Single face (120, 277, 347V) ²⁰	DELID Black
PIRIRI HSE4 wide coil, wide-angle only (controls ordered separately) ¹⁵	PIRIRICV	High/low, motion/ambient sensor, 15-30 mounting height, ambient sensor enabled at 1k ²¹	SSS Single face (200, 240, 480V) ²⁰	DNAID Natural aluminum
PIERS Periscope angle (controls ordered separately) ^{15,22}	PIRIRICV	High/low, motion/ambient sensor, 15-30 mounting height, ambient sensor enabled at 1k ²¹	L90 Left-rotated optics ²³	DORIO Dark bronze
PIRIR Seven-pin, recessed only (controls ordered separately) ^{15,24}	PIRIRICV	B-I-HEX, motion/ambient sensor, 15-30 mounting height, ambient sensor enabled at 1k ²¹	R90 Right rotated optics ²³	DELID Black
DMS 0-10 dimming, any recessed outside fixture (for use with an external control), ordered separately ²⁵	FAO	Field adjustable control ²⁶	HA 50°C Ambient Light ²⁷	DNAID Natural natural aluminum
DG Dual switching ^{28,29}			Shipped separately	
			BS Blind spots ³⁰	DWHGD Disturbed white
			EGS External glare shield	



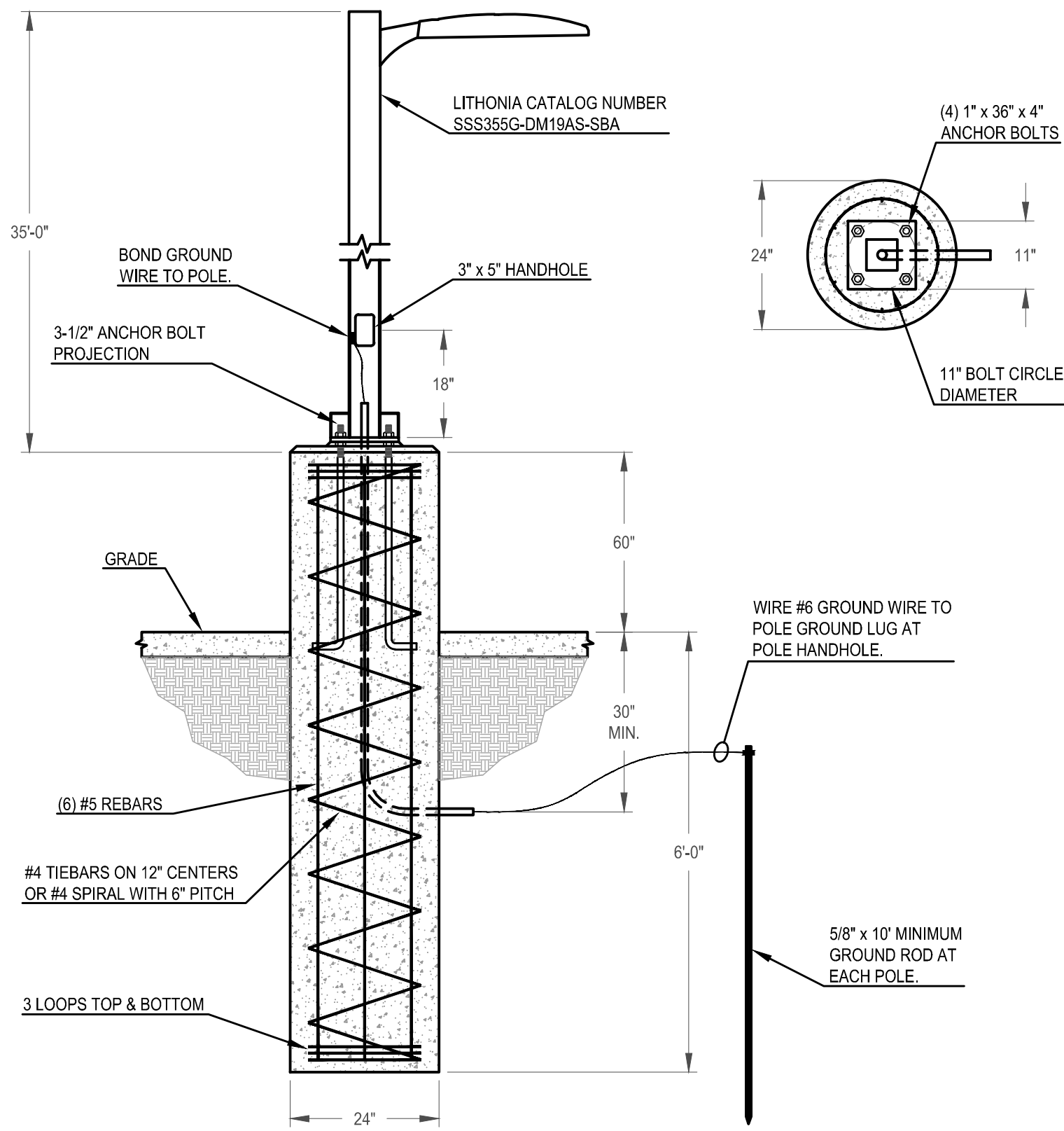
DSX1-LED
Rev. 07/19/21
Page 1 of 8

BRANCH CIRCUIT

AFG	ABOVE FINISHED FLOOR
AFV	ABOVE FINISHED GRADE
AMP	ARC FAULT INTERRUPTER
AMPI	AMPERE/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
FP	FIXED FUNCTION CONTRACTOR
FURN	FURNISHED
GFCI	GENERAL CONTRACTOR
GND	GROUND
HOA	HAND-OFF-AUTOMATIC SWITCH
HP	HOT PIPING
HVAC	HEATING AND VENTILATING CONTRACTOR
IG	ISOLATED GROUND
INT	INTEGRAL
IR	IN ROOM
IU	IN UNIT
JB	JUNCTION BOX
KW	KILOWATTS
LC	LIGHTING CONTROL PANEL
LOC	LOCATION
LT	LOW TEMPERATURE
LTSW	LIGHT SWITCH
LV	LOW VOLTAGE THERMOSTAT
MAG	MAGNETIC STARTER
MAN	MANUAL STARTER
MCA	MINIMUM CIRCUIT AMPS
MSPL	MANUAL STARTER WITH PILOT LIGHT
N	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	PIREWired
RCC	REFRIGERATION CONTRACTOR
RECEPT	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
TCC	TEMPERATURE CONTROL CONTRACTOR
TC	TEMPERATURE CONTROL PANEL
UM	UNIT MANUFACTURER
UNLESS	UNLESS NOTED OTHERWISE
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
WP	WEATHER PROOF ("WHILE-IN-USE")
XFMR	TRANSFORMER

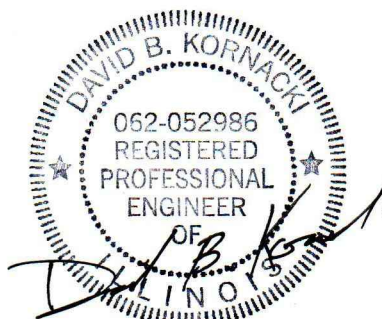
 $(1$

ELECTRICAL
FIXTURE TYPES 'E1 & E2' MOUNTING DETAIL
NOT TO SCALE



(2)

ELECTRICAL
FIXTURE TYPE 'E3' MOUNTING DETAIL
NOT TO SCALE



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DATE: 11.02.2

SHEET NO.

E3