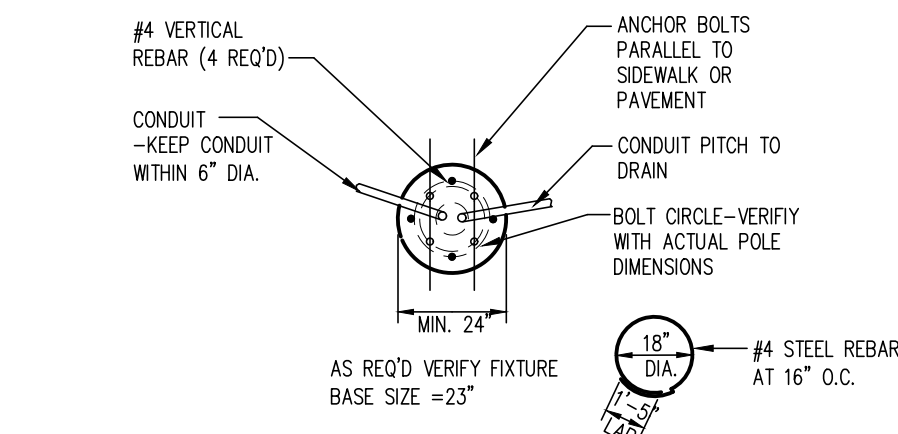


POWER & COMMUNICATION LEGEND			
Ⓢ	120V DUPLEX OUTLET		MOTOR EQUIPMENT CONNECTION
Ⓢ	120V QUAD OUTLET		ELECTRICAL DISCONNECT
Ⓢ	208 OR 240 VOLT RECEPTACLE		ELECTRICAL CONNECTION W/DISCONNECT
Ⓢ	120V CEILING RECEPTACLE		ELECTRICAL CONNECTION W/WEATHER PROOF DISCONNECT
▽	DATA/COMMUNICATION OUTLET		ELECTRICAL PANEL
▽	TELEPHONE OUTLET	①	THERMOSTAT MOUNTED AT 48" A.F.F.
▽	TV OUTLET		SMOKE/CO ALARM
▽	DATA/TV COMBO OUTLET		SMOKE ALARM
Ⓢ	FLOOR BOX		NITROGEN DIOXIDE DETECTOR
Ⓢ	JUNCTION BOX		CARBON MONOXIDE DETECTOR
Ⓢ	E-STOP FOR GRILL OR FIRE PIT		SMOKE DAMPER
Ⓢ	TIMER FOR FRILL OR FIRE PIT		
BC	BELOW COUNTER OUTLET		
AC	ABOVE COUNTER OUTLET		
D	DEDICATED RECEPTACLE		
GF1	GROUND FAULT CIRCUIT INTERRUPTER		
WP/GF1	WEATHER PROOF COVER WITH GF1		
(FS)	FIRE/SMOKE DAMPER		

LIGHTING LEGEND

	RECESSED 2X4 FIXTURE		SINGLE POLE SWITCH
	RECESSED 3X5 FIXTURE		THREE WAY SWITCH
	SURFACE MOUNT 1X4 FIXTURE		FOUR WAY SWITCH
	SURFACE MOUNT 2X4 FIXTURE		OCCUPANCY SENSORS
	WALL MOUNTED FIXTURE		OCCUPANCY SENSORS
	CEILING MOUNTED STRIP FIXTURE		VACANCY SENSORS
	RECESSED OR DISC FIXTURE		CEILING OCCUPANCY SENSORS
	WALLED FIXTURE		LIGHTING CONTROL TIME CLOCK
	SURFACE CEILING MOUNTED FIXTURE	NL	INDICATES NIGHT LIGHT SYMBOL
	PENDANT MOUNTED FIXTURE	a.b	INDICATES LIGHT FIXTURE SWITCH LEG
	EXTERIOR POLE MOUNTED FIXTURE	P-X	INDICATES PANEL AND CIRCUIT NUMBER
	BOLLARD OR GROUND MOUNTED FIXTURE	1	INDICATES LIGHT FIXTURE TYPE
	EMERGENCY LIGHTING FIXTURE	EX	INDICATES EXISTING FIXTURE
	EMERGENCY EXIT SIGN	RL	INDICATES RELOCATED FIXTURE
	EMERGENCY EXIT SIGN WITH EMERGENCY HEADS	TC	INDICATES TIME CLOCK CONTROLLED FIXTURE
	EXTERIOR EMERGENCY EGRESS LIGHT	EM	INDICATES FIXTURE EMERGENCY OR STANDBY POWER



NOTE:

- 1.) USE MFGR'S DIMENSIONS FOR EXACT ANCHOR BOLT AND COVER PLACEMENT.
- 2.) INSTALL INLINE FUSES IN EACH UNGROUNDED CONDUCTOR WITHIN POLE BASE HAND HOLE.
- 3.) TROWEL FINISH EXPOSED PORTION OF BASE TO REMOVE/COVER FORM MARKS.

2
●●●●

NOT TO SCALE

SITE NOTES

1 PRIOR TO ANY DIGGING, TRENCHING, ETC. CONTACT ALL LOCAL UTILITY COMPANIES AND MUNICIPALITIES AND CONFIRM EXACT LOCATIONS OF ALL EXISTING UTILITIES.

2 MATERIALS AND EQUIPMENT SHALL BE LISTED AND/OR LABELED BY UL OR ANOTHER NATIONALLY ACCREDITED TESTING LABORATORY.

3 ALL MATERIAL, EQUIPMENT, WIRING DEVICES, ETC. SHALL BE NEW, UNLESS SPECIFICALLY NOTED AS EXISTING TO BE REUSED.

4 ALL MATERIALS AND EQUIPMENT SHALL BE STORED, HANDLED, ERECTED, INSTALLED, CONNECTED, CLEANED, ADJUSTED, TESTED, CONDITIONED AND PLACED IN SERVICE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

5 ALL POLE FIXTURES TO BE LOCATED 4' AWAY FROM EDGE OF CURB.

6 ALL EXTERIOR LIGHT FIXTURES TO BE CONNECTED TO A COMMON EQUIPMENT GROUND. USE #8 TYPE THIN.

7 THE CONTROLLING LIGHTING CONTACTORS SHALL BE MOUNTED INSIDE THE BUILDING WITH TIME-CONTROL AND REMOTE PHOTOCELLS LOCATED ON THE EXTERIOR SIDE OF THE BUILDING WALL. INSTALL PHOTOCELLS AT LOCATIONS WHERE BUILDING OR OTHER OBSTRUCTIONS WILL NOT INTERFERE WITH THEIR PROPER OPERATION. FINAL BRANCH CIRCUIT SUPPLY CONNECTIONS WILL BE PROVIDED BY THE ELECTRICAL CONTRACTORS.

8 MIN. BURIAL DEPTH FOR THE LIGHTING CORD SHALL BE 24". A SLIGHT DECREASE IN DEPTH IS ALLOWED WITHIN 10' OF THE POLES.

9 VERIFY CONSTRUCTION AREAS ON OTHER SITE PLANS FOR POTENTIAL OBSTACLES AND CONSTRUCTION LIMITS.

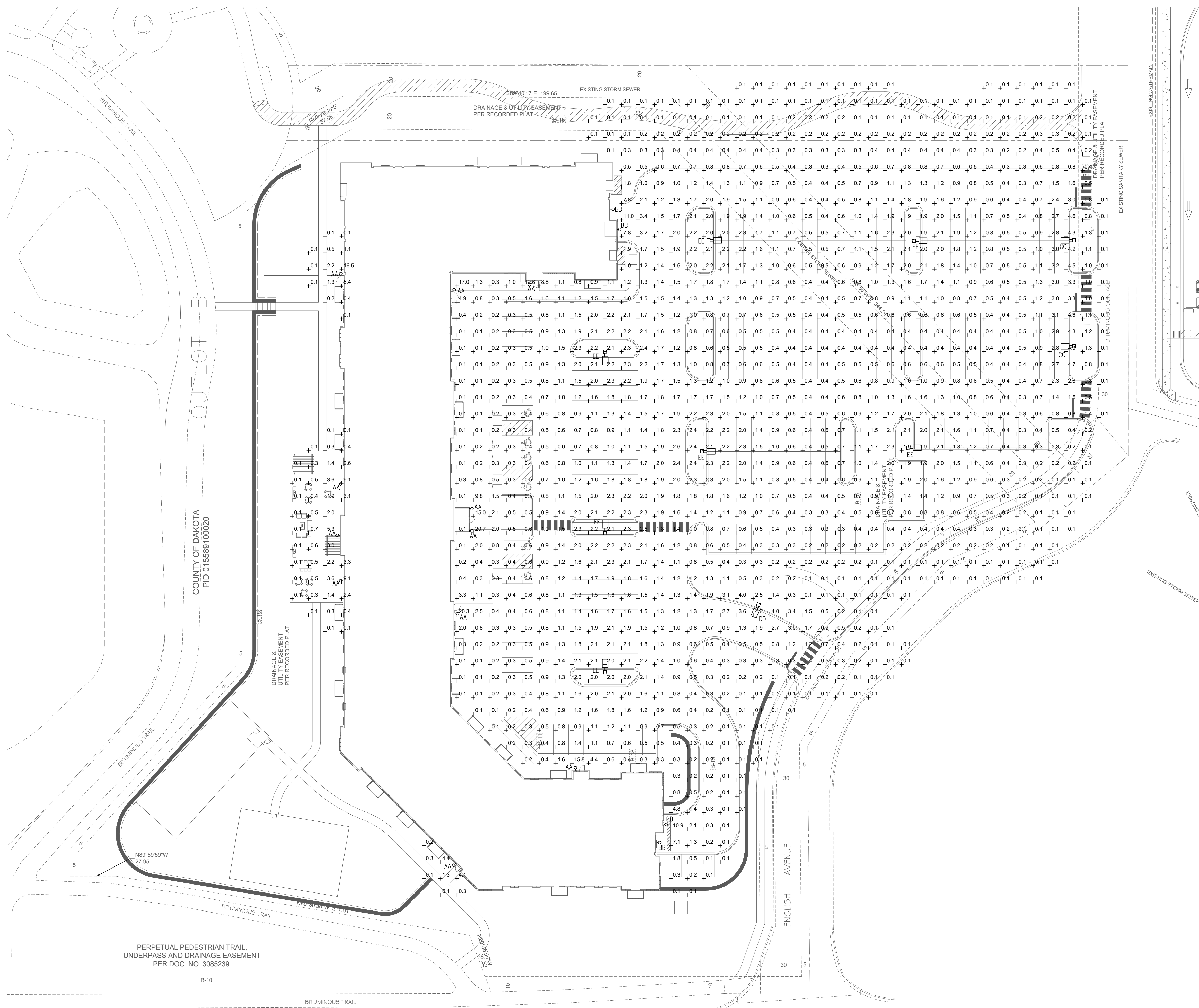
ELECTRICAL GENERAL NOTES

- 1 THIS PLAN WAS ENGINEERED BY BERD ELECTRIC AND FOR THE USE BY BERD ELECTRIC ONLY. THE ENGINEER OF RECORD DOES NOT CERTIFY THESE DRAWINGS IF USED BY OTHER PARTIES.
- 2 ALL WORK IS TO BE COMPLETED IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL ELECTRICAL & BUILDING CODES.
- 3 COORDINATE WORK WITH ALL OTHER TRADES.
- 4 EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- 5 ALL EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED AT ALL LOCATIONS.
- 6 ALL MEASUREMENTS TO TOP OF BOX.
- 7 GFI PROTECT ALL RECEPTACLES WITHIN 6' OF EVERY SINK.
- 8 DRAWINGS ONLY REPRESENT AN APPROXIMATE LOCATION OF ALL RECEPTACLES, SWITCHES, LIGHTS, IV/DATA JACKS, ELECTRICAL EQUIPMENT, ETC. FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD AND MAY VARY FROM DRAWINGS DUE TO UNFORESEEN CIRCUMSTANCES.
- 9 PROVIDE GFCI PROTECTION FOR ALL AREAS LISTED UNDER NEC 210.8.
- 10 PROVIDE TAMPER RESISTANT RECEPTACLES IN ALL AREAS LISTED UNDER NEC 406.12.

LIGHTING FIXTURE SCHEDULE – EXTERIOR					
TYPE	LAMPS	WATTAGE	DESCRIPTION	NOTES	
AA	LED	25	SMALL EXTERIOR WALL PACK	SLM15	
BB	LED	25	SMALL EXTERIOR WALL PACK	SLM15	
CC	LED	52	POLE MOUNT FIXTURE, TYPE I OPTICS, 15' POLE, HOUSE SIDE SHIELD	LUMARK PRV	
DD	LED	52	POLE MOUNT FIXTURE, TYPE I OPTICS, 15' POLE, HOUSE SIDE SHIELD	LUMARK PRV	
EE	LED	96	POLE MOUNT FIXTURE, TYPE V OPTICS, 15' POLE	LUMARK PRV	

NOTES:

NOTES:



1
E1.2

SCALE: 1" = 30'-0"



PRELIMINARY SET

ORCHARD PLACE
APARTMENTS
APPLE VALLEY, MN
SITE LIGHTING PLAN

DRAWING NO.

E1.2