

**ELECTRICAL LEGEND**

- HOME RUN
- CONDUITS UNDERGROUND
- DUPLIX 20A RECEPTACLE SPEC GRADE, 16" AFF UND, NOTE G9
- JUNCTION BOX
- CF GROUND FAULT
- WP WEATHERPROOF
- EQUIPMENT AS NOTED
- EXTERIOR LED SPORTS LIGHT W/ POLE - SEE SCHEDULE BELOW - NOTE G8

**GENERAL NOTES**

- G1. ALL WORK TO COMPLY WITH 2017 NEC WITH GEORGIA AMENDMENTS, LOCAL AND ALL STATE ORDINANCES.
- G2. COORDINATE ALL WORK WITH EXISTING CONDITIONS AND OTHER TRADES.
- G3. ALL EXPOSED RACEWAY OUTSIDE TO BE IN RGS OR IMC CONDUIT, PROVIDE STANDARD THREADED COUPLINGS, LOCKNUTS, BUSHINGS AND ELBOWS. ALL RACEWAY IN DIRECT CONTACT WITH THE EARTH TO BE SCH 40 PVC.
- G4. LABEL ALL OUTLET AND JUNCTION BOXES SHOWING CIRCUIT NUMBER OR SYSTEM.
- G5. ALL CONDUCTORS TO BE STRANDED COPPER TYPE THWN. COLOR CODE AS FOLLOWS:
 

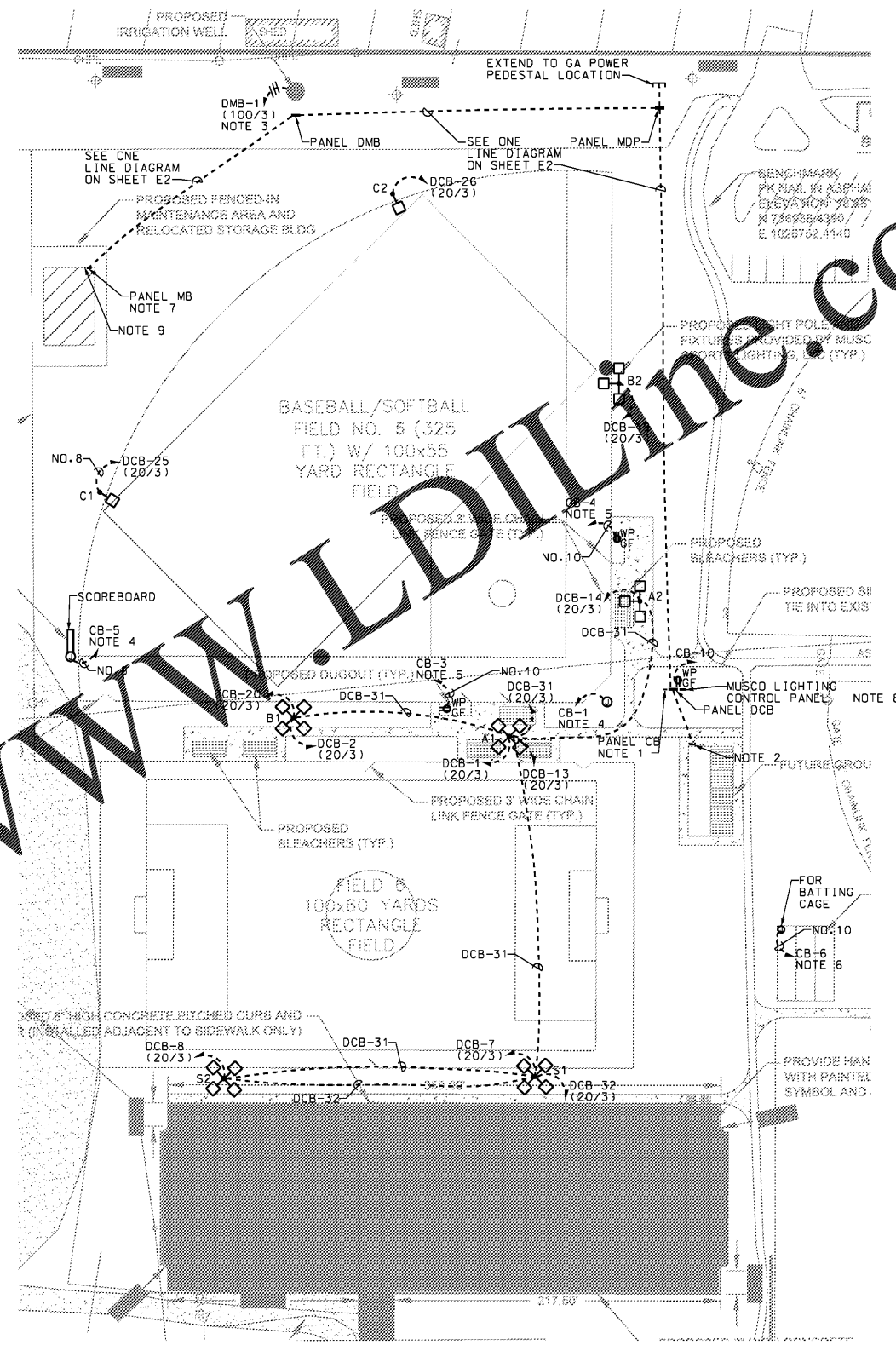
240/120V	PH A	PH B	PHC	NEUTRAL
480/277V	BLACK	BROWN	ORANGE	BLUE
				YELLOW
				WHITE
				GREY
- G6. PROVIDE GREEN EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS.
- G7. THE LOCATION AND MOUNTING HEIGHTS OF DEVICES AND OUTLETS INDICATED ON THE ELECTRICAL SITE PLAN IS SCHEMATIC, INTENDED ONLY TO CONVEY THE APPROXIMATE LOCATION. THE ACTUAL LOCATION AND MOUNTING HEIGHTS SHALL BE COORDINATED IN FIELD.
- G8. REFER TO THE LIGHTING MANUFACTURER'S (MUSCO LIGHTING) SUBMITTAL DRAWINGS FOR ALL LIGHTING REQUIREMENTS.
- G9. BOXES FOR SHALL BE FS BOXES WITH METAL IN-USE COVERS.
- G10. UNDERGROUND CONDUIT TO BE MINIMUM 24" BELOW GRADE.
- G11. FOR ALL UNDERGROUND CONDUITS, PROVIDE PLASTIC TRACEABLE TAPE 12" BELOW GRADE.

**NOTES**

1. FURNISH AND INSTALL EATON MINI-POWER CENTER (480 TO 120/240V, 1PH, 7.5KVA-P48G11S0712, 12 1-POLE BREAKERS) OR EQUAL. MINI-POWER CENTER SHALL BE RATED FOR 7.5KVA WITH NEMA 3R WEATHERPROOF ENCLOSURE.
2. EXTEND 2" PVC W/ PULLSTRING UNDERGROUND FROM PANEL DCB TO AREA SHOWN FOR 'FUTURE GROUP SHELTER'. VERIFY EXACT LOCATION OF 'FUTURE GROUP SHELTER' IN FIELD.
3. EXTEND 100A/3P BRANCH CIRCUIT (1" W/ 3 NO.1, 1 NO.8(G)) FROM PANEL DMB TO IRRIGATION WELL AS SHOWN ON DRAWING. COORDINATE EXACT LOCATION IRRIGATION PUMP IN FIELD.
4. EXTEND ONE (1) 20A/1P BRANCH CIRCUIT (3/4" W/ 2 NO.8, 1 NO.10(G)) FROM PANEL CB TO NEW SCOREBOARD AND ONE (1) 20A/1P BRANCH CIRCUIT (1/2" W/ 2 NO.12, 1 NO.12(G)) FROM PANEL CB TO JUNCTION BOX AS SHOWN (MOUNT JUNCTION BOX ON ADJACENT FENCE, PROVIDE SPARE 1" W/ PULLSTRING FROM SCORING BOOTH TO NEW SCOREBOARD. COORDINATE EXACT OF DEVICES AND EQUIPMENT LOCATIONS IN FIELD.
5. EXTEND 20A/1P BRANCH CIRCUIT (1/2" W/ 2 NO.10, 1 NO.10(G)) FROM PANEL CB TO PROPOSED DUGOUT LOCATION. FIELD VERIFY EXACT LOCATION OF RECEPTACLE WITH PROPOSED DUGOUT.
6. EXTEND 20A/1P BRANCH CIRCUIT (1/2" W/ 2 NO.10, 1 NO.10(G)) FROM PANEL CB TO PROPOSED BATTING CAGE LOCATION. FIELD VERIFY EXACT LOCATION OF RECEPTACLE WITH PROPOSED BATTING CAGE.
7. FURNISH AND INSTALL EATON MINI-POWER CENTER (480 TO 120/240V, 1PH, 25KVA-P48G11S2526, 12 1-POLE BREAKERS AND 12-1PSO) OR EQUAL. MINI-POWER CENTER SHALL BE RATED 25KVA WITH NEMA 3R WEATHERPROOF ENCLOSURE.
8. CONNECT TO CIRCUITS DCB-37 (20/3) AND CB-8 AS REQUIRED.
9. CONTRACTOR TO MOUNT IRRIGATION CONTROLLER ADJACENT TO PANEL MB IN MAINTENANCE STORAGE BUILDING.

**LIGHTING FIXTURE/POLE SCHEDULE: (MUSCO LIGHTING)**

POLE ID	POLE HGT	MTG HGT	FIXTURE QTY	LUMINAIRE TYPE	WATTAGE	TOTAL WATTAGE	CIRCUIT #	BREAKER	BRANCH CIRCUIT	CIRCUIT DESCRIPTION	CONTACTOR ID
A1	70'	70'	7	TLC-LED-1500	1430W	10.01KW	DCB-1	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	SOCCER FIELD	C1
		16'	1	TLC-BT-575	575W	575W	DCB-13	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C5
		70'	4	TLC-LED-1200	1170W	4.68KW	DCB-14	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C5
A2	70'	30'	2	CREE-050	130W	260W	DCB-31	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	WALKWAY	C11
		70'	4	TLC-LED-1200	1170W	4.68KW	DCB-14	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C6
		16'	1	TLC-BT-575	575W	575W	DCB-14	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C6
B1	80'	80'	7	TLC-LED-1500	1430W	10.01KW	DCB-2	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	SOCCER FIELD	C2
		16'	1	TLC-BT-575	575W	575W	DCB-20	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C7
		80'	6	TLC-LED-1500	1430W	8.58KW	DCB-20	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C7
B2	80'	30'	2	CREE-050	130W	260W	DCB-31	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	WALKWAY	C11
		80'	6	TLC-LED-1500	1430W	8.58KW	DCB-19	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C8
		16'	1	TLC-BT-575	575W	575W	DCB-19	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C8
C1	70'	70'	5	TLC-LED-1500	1430W	7.15KW	DCB-25	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C9
		16'	1	TLC-BT-575	575W	1.15KW	DCB-25	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C9
C2	70'	70'	5	TLC-LED-1500	1430W	7.15KW	DCB-26	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C10
		16'	2	TLC-BT-575	575W	1.15KW	DCB-26	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	BASEBALL FIELD	C10
S1	70'	70'	5	TLC-LED-1500	1430W	10.01KW	DCB-7	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	SOCCER FIELD	C3
		16'	2	CREE-050	130W	260W	DCB-31	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	WALKWAY	C11
		50'	2	TLC-LED-400	400W	800W	DCB-32	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	PARKING LOT	C12
S2	70'	70'	5	TLC-LED-1500	1430W	10.01KW	DCB-8	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	SOCCER FIELD	C4
		16'	2	CREE-050	130W	260W	DCB-31	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	WALKWAY	C11
		50'	2	TLC-LED-400	400W	800W	DCB-32	20/3	3/4" W/ 4 NO.8, 1 NO.10(G)	PARKING LOT	C12



**1 SITE PLAN - ELECTRICAL**  
E1 SCALE: 1" = 50'

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Revisions

No.	Date	Description	By

CHARLIE BROOKS PARK  
PHASE II  
SAVANNAH  
GEORGIA

Stamp

Sheet Title  
**SITE PLAN - ELECTRICAL**

Job No. 20031.00  
 Drawn B.P.M.  
 Checked P.M.  
 Date 11-AUG-2020 Sheet No. **E1**

CADD PLOT  
11-AUG-2020  
09:35  
bmoye