

CABLE/CONDUIT SCHEDULE	
TAG	WIRE AND CONDUIT
30-18	2 #10, 1 #10G; 3/4" C
S225	4 #4/0, 2 1/2" C

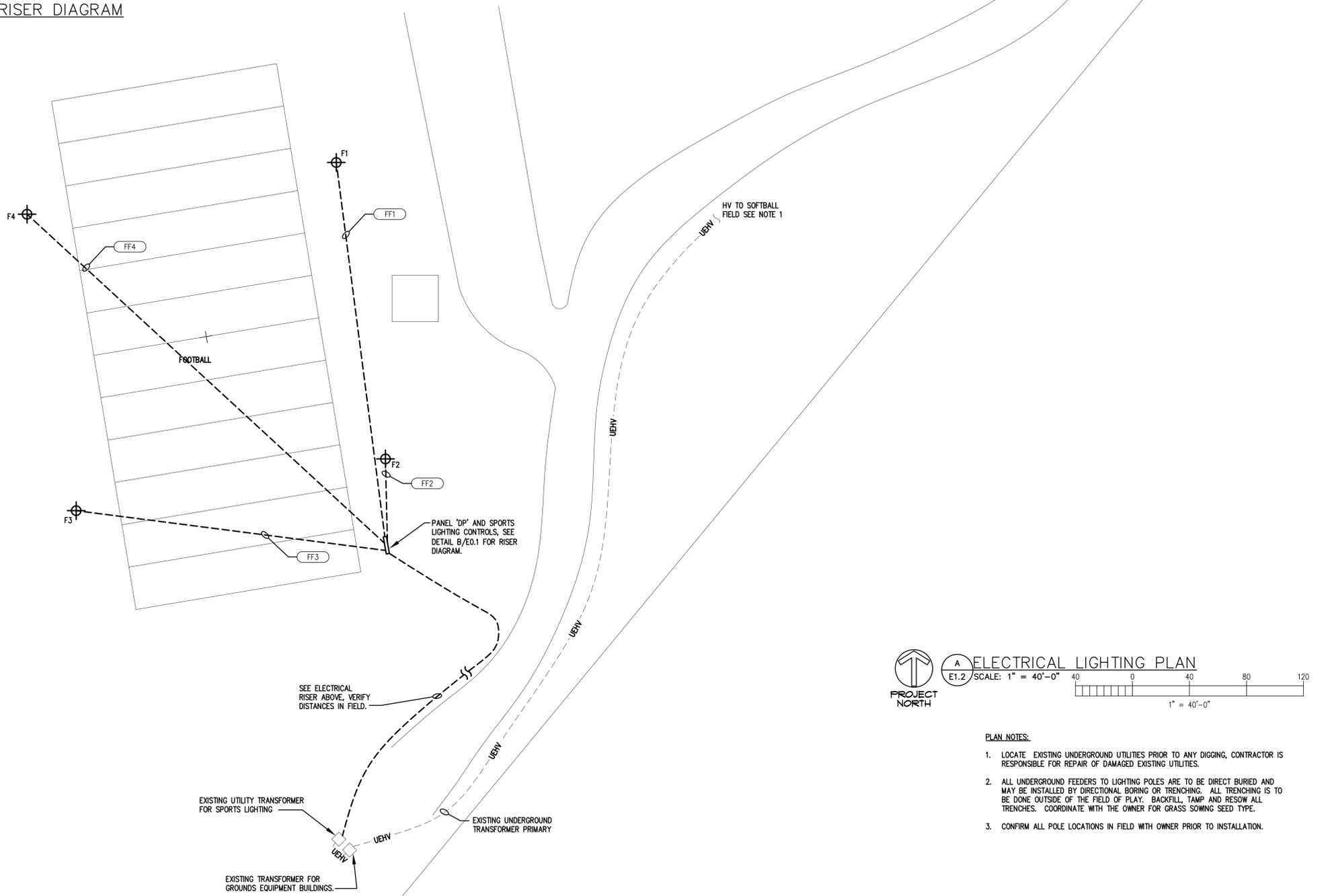
- ① LINE POWER TO CONTACTORS WITH GROUNDING CONDUCTOR.
  - ② LOAD POWER TO LIGHTING.
  - ③ CONTROL POWER, DEDICATED 20A, 120V.
  - ④ SURGE PROTECTION MONITORING.
  - ⑤ WEATHER RESISTANT RECEPTACLE AND COVERPLATE, SEE C/E0.1. MOUNT ON SUPPORT RAIL.
- COORDINATE ALL CABLING AND CONNECTIONS WITH SUPPLIER AND COMPLY WITH ALL REQUIREMENTS.

**B FOOTBALL FIELD POWER RISER DIAGRAM**  
E1.2 NOT TO SCALE

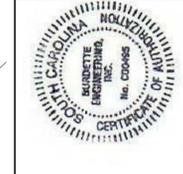
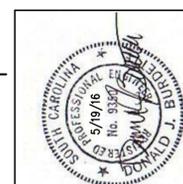
PANEL DP		CABINET SURFACE MOUNTED		TYPE S.O.D.N.F. SERATED, NEMA 3R	
VOLTAGE 480Y/277V, 3φ, 4W		FEEDER BOTTOM		MAINS 225A MCB	
AMPS TRIP	POLES NOTES	PHASE LOAD (VOLT-AMPS)		BRANCH CIRCUIT	
20	3	1	4101	4101	2
		3	4101	4101	4
		5		4101	6
		7	4101	4101	8
20	3	9	4101	4101	10
		11		4101	12
		13	180		14
		15		200	16
		17			18
		19			20
		21			22
		23			24
		25			26
		27			28
		29			30
INTEGRATED EQUIPMENT RATING: 14KAIC		KVA TOTAL	16.6	16.6	16.4
		PANELBOARD KVA LOAD TOTAL: 49.6			

PANEL PB		CABINET SURFACE MOUNTED		TYPE SQUARE D MPZBSS40F, NEMA 3R	
VOLTAGE 120Y/240V, 1φ, 3W		FEEDER TOP		MAINS 30A MCB	
AMPS TRIP	POLES NOTES	PHASE LOAD (VOLT-AMPS)		BRANCH CIRCUIT	
20	1	1	180		2
20	1	3		200	4
		5			6
		7			8
		9			10
INTEGRATED EQUIPMENT RATING: 10,000 AIC		KVA TOTAL	0.2	0.2	0.4
		PANELBOARD KVA LOAD TOTAL: 0.4			

SPORTS LIGHTING FEEDER SCHEDULE - FOOTBALL FIELD						
FEEDER TAG	POLE TAG	MOUNTING HEIGHT	# OF FIXTURES	MAX. KVA	MAX. AMPS	FEEDER
FF1	F1	70'	6	12.3	14.8	3 #10, 1#10G; 1" C
FF2	F2	70'	6	12.3	14.8	3 #12, 1#12G; 1" C
FF3	F3	70'	6	12.3	14.8	3 #10, 1#10G; 1" C
FF4	F4	70'	6	12.3	14.8	3 #8, 1#8G; 1" C



- PLAN NOTES:**
1. LOCATE EXISTING UNDERGROUND UTILITIES PRIOR TO ANY DIGGING, CONTRACTOR IS RESPONSIBLE FOR REPAIR OF DAMAGED EXISTING UTILITIES.
  2. ALL UNDERGROUND FEEDERS TO LIGHTING POLES ARE TO BE DIRECT BURIED AND MAY BE INSTALLED BY DIRECTIONAL BORING OR TRENCHING. ALL TRENCHING IS TO BE DONE OUTSIDE OF THE FIELD OF PLAY. BACKFILL, TAMP AND RESOW ALL TRENCHES. COORDINATE WITH THE OWNER FOR GRASS SOWING SEED TYPE.
  3. CONFIRM ALL POLE LOCATIONS IN FIELD WITH OWNER PRIOR TO INSTALLATION.



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REVISION	DATE	BY

**GREENVILLE COUNTY RECREATION**  
**EAST RIVERSIDE PARK**  
COUNTY RECREATION • TOURISM

1185 S. SUBER ROAD, GREER, SC 29650

P:\A\ADV\15350 GREENVILLE COUNTY RECREATION DISTRICT\153505 GCRD SPORTSLIGHTING AT EAST RIVERSIDE, NORTH-SIDE, SOUTH-SIDE AND WEST-SIDE PARKS\153505B1 EAST RIVERSIDE PARK FIELDS 1.2 AND 3\153505B1E101 E102.dwg, 5/19/2016 11:03:54 AM, Adobe PDF