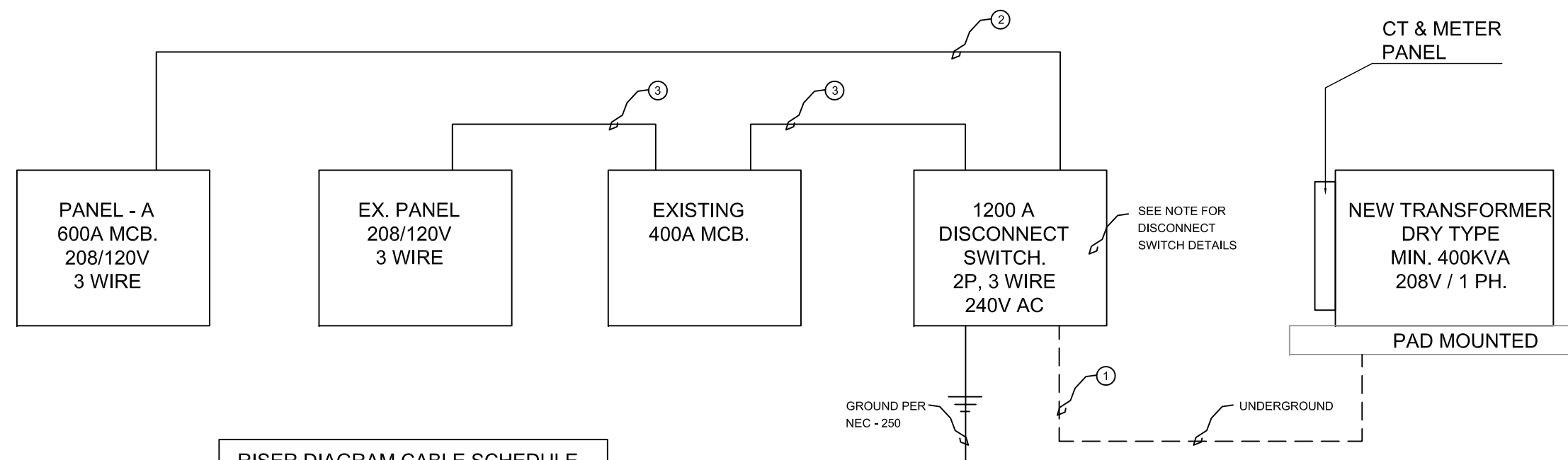


LIGHTING FIXTURE SCHEDULE										
SYMBOL	DESCRIPTION	LAMP			VOLT	MANUF	MODEL	MOUNT.	REMARKS	
		NO	WATT	TYPE						
A	2X4 FLOROCENT	2	32	F	120	METALUX	2M-232A	SURFACE		
B	2X4 FLOROCENT	4	32	F	120	METALUX	2M-432A125T	SURFACE		
C	EXT				120	EMERGI-LITE	EDGE-LIT	CEILING		
D	2X4 FLOROCENT	2	32	F	120	LITHONIA	VRI	SURFACE	VANDAL RESISTANCE, OUT DOOR APPLICATION, HIGH IMPACT ACRELITE LANCE/COVER	
E	CEILING FIXTURE	1	60	I	120	PROGRESS	P3599	CEILING		
F	WALL PACK	2	100	MH	120	LUMARK	MPWPPL100120PE	WALL	WET LOCATION, WITH LIGHT SENSOR	
G	2X4 FLOROCENT	3	32	F	120	LITHONIA	VRI	SURFACE	VANDAL RESISTANCE, OUT DOOR APPLICATION, HIGH IMPACT ACRELITE LANCE/COVER	
H	EMERGENCY	2			120	EMERGI-LITE	24LCC782	WALL		
M	MOTION DETECTOR				120			WALL	FOR RESTROOMS	

NOTE: (1) BALLAST FOR FLOROCENT FIXTURE SHALL BE ELECTRONIC WITH 0.9 BALAST FACTOR MINIMUM  
(2) CONTRACTOR SHALL PROVIDE LAMPS FOR ALL FIXTURES.  
(3) LIGHTING FIXTURES SHALL BE AS SPECIFIED OR EQUAL.

PANEL - A with 600 amp main circuit breaker											
BKR.	BRANCH CIRCUIT			PHASE / VOLTAGE AMP		BRANCH CIRCUIT			BKR.		
AMP RATE	LOAD	VOLT AMP	CKT	PHASE A	CKT	VOLT AMP	LOAD	P O L AMP RATE	AMP		
90	AHU-1	26000	1	27080	2	1080	RECEPT STORAGE	1	20		
	v	26000	3	44000	4	18000	HOT WATER HTR	2	90		
20	FRIDGER	1080	5	19080	6	18000					
20	FREEZE	1080	7	2280	8	1200	ICE MACHINE	1	20		
20	RECEPT. CONCESSION	540	9	1080	10	540	RECEPT CONCESSION	1	20		
20	WATER FOUNTAIN	1200	11	1200	12		SPARE	1	20		
20	RECEPT. OUTDOOR	900	13	1100	14	200	FAN EF1, EF2, EF4	1	20		
20	HOOD FAN EF-3 & SF-1	800	15	1000	16	200	HOOD - ANSUL	1	20		
	v	800	17	1000	18	200	HOOD - LIGHT	1	20		
20	LIGHT COSESSION, STORAGE	892	19	1604	20	712	LIGHT PADIO	1	20		
20	EMERGENCY LIGHT	300	21	2800	22	2500	FRYER	1	25		
20	FUTURE FIELD LIGHTS	3000	23	6000	24	3000	FUTURE FIELD LIGHTS	2	20		
	LIGHT # 16,17,18	3000	25	6000	26	3000	LIGHT # 19,20,21	v			
20	FUTURE FIELD LIGHTS	3000	27	6000	28	3000	FUTURE FIELD LIGHTS	2	20		
	LIGHT # 22,23,24	3000	29	6000	30	3000	LIGHT # 25,26,27	v			
20	FUTURE FIELD LIGHTS	3000	31	4000	32	1000	HAND DRYER -MAN REST.	1	20		
	LIGHT # 28,29,30	3000	33	4000	34	1000	HAND DRYER LADIES REST.	1	20		
20	SPARE		35	720	36	720	POST RECEPTACLES	1	20		
20	SPARE		37	0	38		SPARE	1	20		
20	SPARE		39	0	40		SPARE	1	20		
20	SPARE		41	0	42		SPARE	1	20		
		VOLT AMPS		64140		62804	TOTAL VOLT AMPS =		126944		
							LARGEST MOTOR 25% =		6500		
							TOTAL VOLT AMPS =		133444		
							AMPS =		513		
							USE LOAD DIVERSITY 80%				
							120/208V. 1 PHASE, 60 HZ, 4 WIRE				
							BUS AMPS: 600 amp, short. Amp 65,000				
							513.2 MOUNT: SURFACE / FLUSH				

ELECTRICAL LEGEND	
SYMBOL	DESCRIPTION
—	CONDUIT
—	CONDUIT UNDERFLOOR OR UNDERGROUND
→	ARROW, INDICATES HOMERUN, TCKMARKS: NEUTRAL, PHASE, GND.
—	POWER PANEL
—	TELEPHONE BOARD
□	DATA OUTLET
□	EMERGENCY LIGHT
□	JUNCTION BOX
□	DISCONNECT SWITCH; FUSED; NONFUSED
FPN	FUSE PER NAMEPLATE
S <sub>m</sub>	MOTOR TOGGLE SWITCH, 3 WAY, 4 WAY
⊙	MOTOR
□	EXISTING OR BY OTHERS
□	LIGHT FIXTURE
S <sub>3</sub> S <sub>4</sub>	SINGLE POLE, SWITCH, 3 WAY, 4 WAY
S <sub>5</sub> S <sub>D</sub>	PILOT LIGHT, DIMMER
AFF	ABOVE FINISHED FLOOR
⊙	3 GANG CAST FLUSH FLOOR BOX W/SEPARATION FOR POWER & DATA COMM. PROVIDE HEAVY DUTY BRASS COVER.
⊙	DUPLX RECEPT. ABOVE COUNTER
⊙	WEATHER PROOF, GROUND FAULT
⊙	QUAD-PLEX RECEPTACLE
MD	MOTION DETECTOR

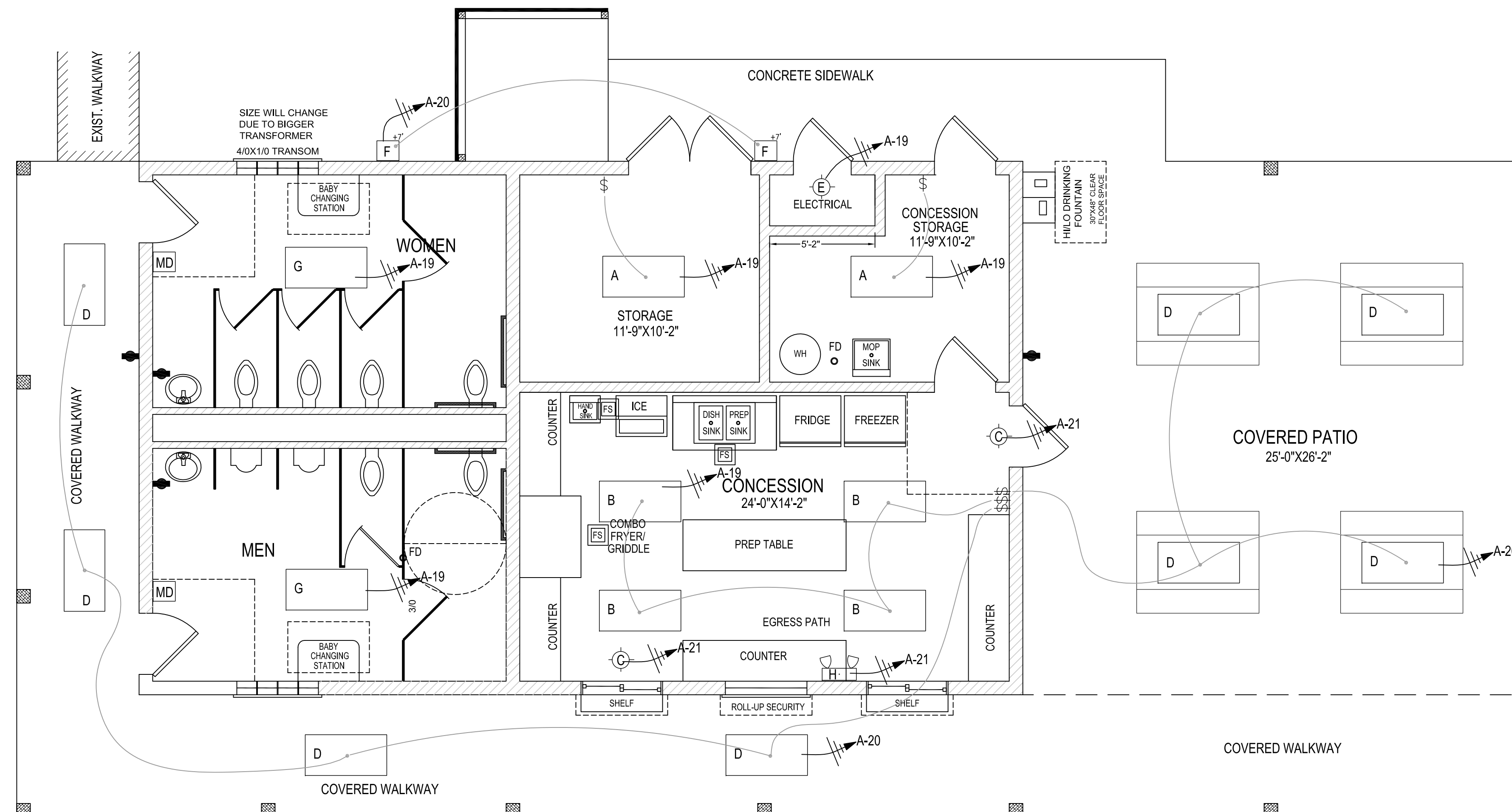


**RISER DIAGRAM CABLE SCHEDULE**

- 1, 2 SETS OF 2 - 700 MCM + 1 - 2/O GRD IN 1 - 5" RGC.
- 2, 2 SETS OF 2 - 350MCM + 1 #2 AWG GND IN 1 - 3.5" RGC.
- 3, 2 SETS OF 2 - 4/O + 1 #2 AWG GND IN 1 - 3.5" RGC.

NOTE: DISCONNECT SWITCH  
1. 1200 AMP, 2 POLE, 240 VOLT, WITH NEMA 3R ENCLOSURE FOR OUTDOOR INSTALLATION. SUPPLY WITH GROUND KIT. NON FUSIBLE. SQUARE D OR EQUAL.

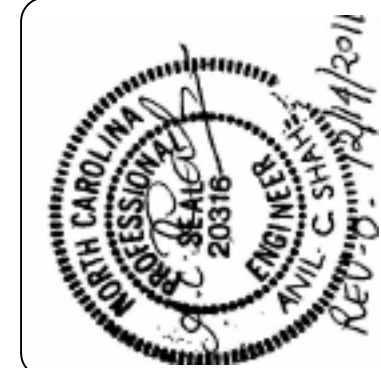
**RISER DIAGRAM**



**LIGHTING PLAN**

SCALE: 1/4" = 1'-0"

REVISIONS



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**STILLWATER ENGINEERING INCORPORATED**

PREPARED FOR:  
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ONSLow PINES ROAD  
JACKSONVILLE, NC 28540  
PHONE: (910) 347-5332

LIGHTING PLAN  
ONSLow PINES PARK CONCESSION FAC.  
1244 ONSLow PINES ROAD  
JACKSONVILLE, N.C.  
ONSLow COUNTY

PROJECT #	SHEET
E-11-69	E-2
DATE	12-14-11
SCALE	SHOWN
DRAWN BY	NKS
	13 of 13