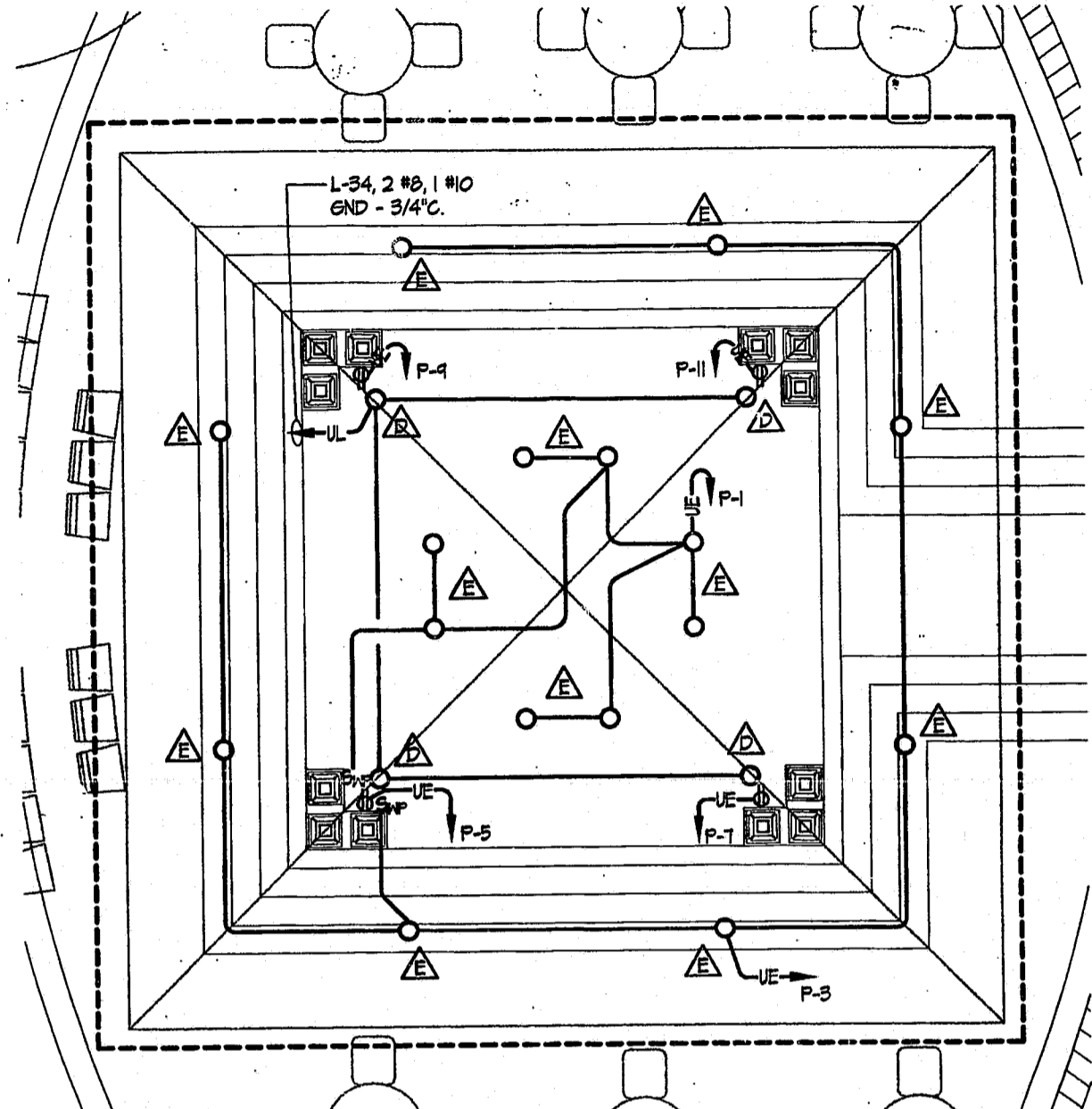


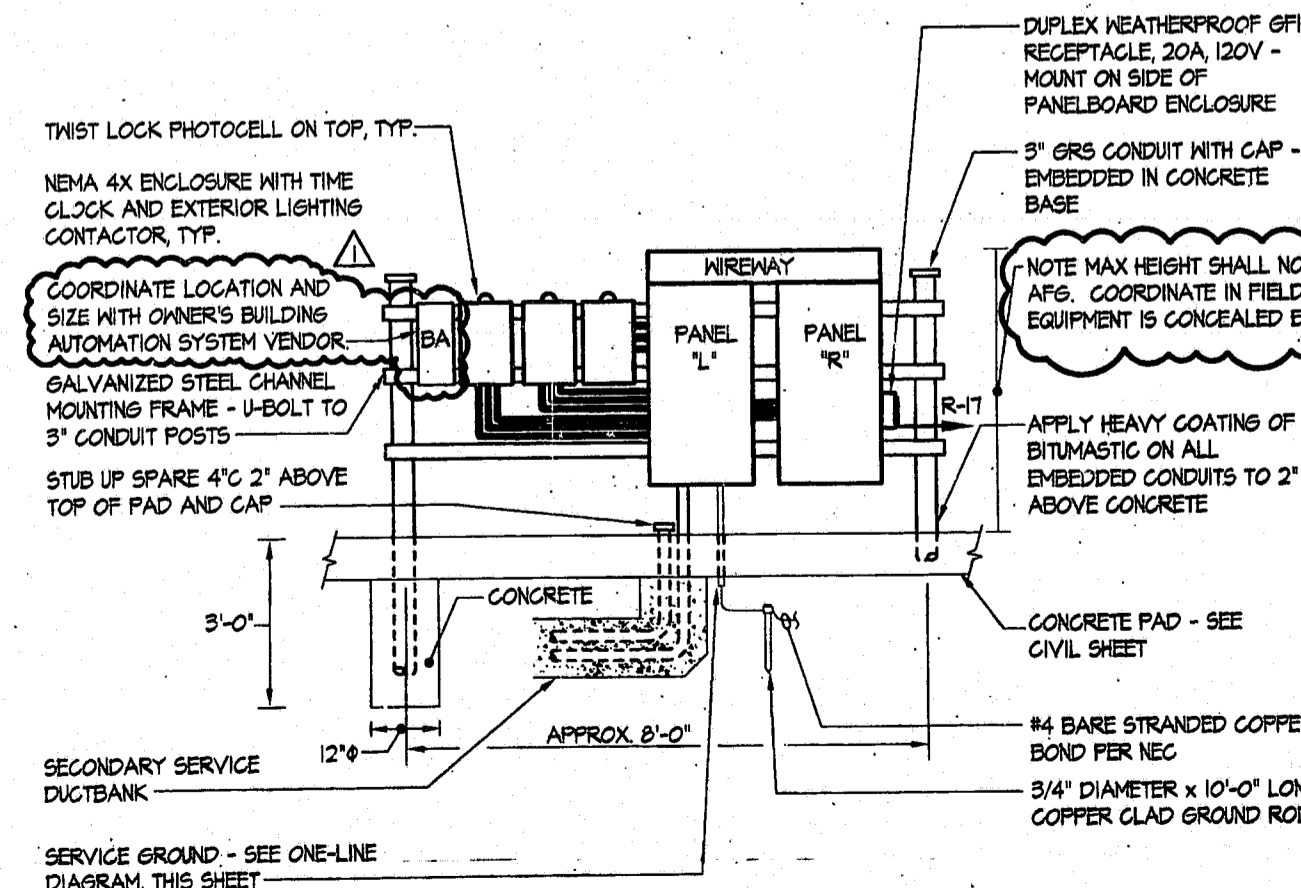
ENLARGED SITE PLAN
SCALE: 1/8" = 1'-0"



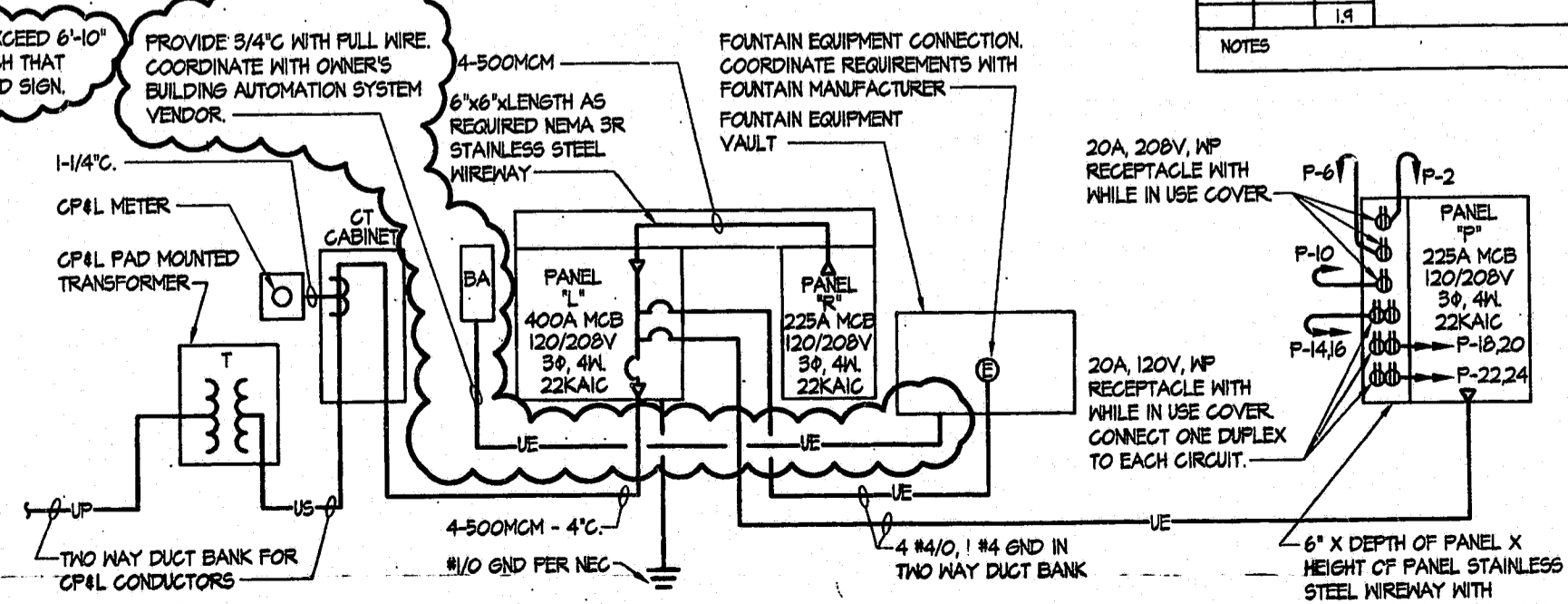
ENLARGED SITE PLAN
SCALE: 1/4" = 1'-0"

CONNECTED LOAD CALCULATIONS

Project Name: Centregreen		Project Number: 0087	
Location: NC		Prepared By: SLC	
		Date: 08/27/00	
LOAD DESCRIPTION	DIVERSITY	KVA	
LIGHTING	100%	33.0	
RECEPTACLES	10%+50%	58.2	
FOUNTAIN	100%	63.0	
TOTAL		154.2	
		@ 208V =	387.2 Amps
Provide a 400A 120/208V, 3 phase service			



ELECTRICAL SERVICE EQUIPMENT DETAIL
NO SCALE



POWER RISER DIAGRAM
NO SCALE

PANELBOARD "L" FOR RATINGS SEE POWER RISER DIAGRAM, SERVICE ENTRANCE RATED NEMA 4 STAINLESS STEEL ENCLOSURE

KVA PER PHASE			LOAD DESCRIPTION	CKT. NO.	CKT. BRKR.	A B C	CKT. NO.	CKT. BRKR.	LOAD DESCRIPTION	KVA PER PHASE		
A	B	C								A	B	C
1.3			ROAD LIGHTING	20/2	1		2	20/2	PARK LIGHTING	1.0		
	1.3		ROAD LIGHTING	20/2	3		4	20/2	PARK LIGHTING		1.0	
		1.3	ROAD LIGHTING	20/2	5		6	20/2	PARK LIGHTING			1.0
1.3			ROAD LIGHTING	20/2	7		10	20/2	PARK LIGHTING	1.0		
	1.1		ROAD LIGHTING	20/2	9		12	20/2	PARK LIGHTING		1.0	
		1.1	ROAD LIGHTING	20/2	11		14	20/2	PARK LIGHTING			1.0
1.1			ROAD LIGHTING	20/2	13		16	20/2	ENTRY SIGN LIGHTING	1.0		
	1.1		ROAD LIGHTING	20/2	15		18	20/2	ENTRY SIGN LIGHTING		1.0	
		1.1	ROAD LIGHTING	20/2	17		20	20/2	ENTRY SIGN LIGHTING			1.0
1.1			ROAD LIGHTING	20/2	19		22	20/2	ENTRY SIGN LIGHTING	1.0		
	1.1		ROAD LIGHTING	20/2	21		24	20/2	PARK SIGN LIGHTING		1.0	
		1.1	ROAD LIGHTING	20/2	23		26	20/2	PARK SIGN LIGHTING			1.0
			SPACE		25		28	20/2	DECOR LIGHTING			1.0
			SPACE		27		30	20/2	PICNIC LIGHTING			1.0
			SPACE		29		32	20/1	PICNIC LIGHTING			1.0
			SPACE		31		34	20/1	SPARE			2.1
			SPACE		33		36	20/1	SPARE			2.1
			SPACE		35		38	225/3	FOUNTAIN			2.1
			SPACE		37		40	225/3	FOUNTAIN			2.1
			SPACE		39		42					2.1
			SPACE		41							2.1

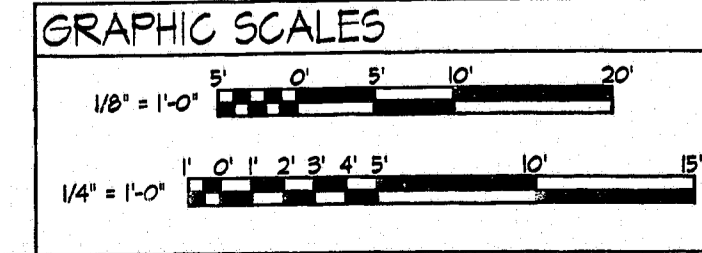
PANELBOARD "P" FOR RATINGS SEE POWER RISER DIAGRAM NEMA 4 STAINLESS STEEL ENCLOSURE

KVA PER PHASE			LOAD DESCRIPTION	CKT. NO.	CKT. BRKR.	A B C	CKT. NO.	CKT. BRKR.	LOAD DESCRIPTION	KVA PER PHASE		
A	B	C								A	B	C
1.0			LIGHTING	20/1	1		2	20/2	RECEPTACLES	1.9		
	1.0		LIGHTING	20/1	3		4	20/2	RECEPTACLES		1.9	
		0.2	RECEPTACLES	20/1	5		6	20/2	RECEPTACLES			1.9
0.2			RECEPTACLES	20/1	7		10	20/2	RECEPTACLES	1.9		
	0.2		RECEPTACLES	20/1	9		12	20/2	RECEPTACLES		1.9	
		0.2	RECEPTACLES	20/1	11		14	20/1	RECEPTACLES			1.9
			SPARE	20/1	13		16	20/1	RECEPTACLES			1.9
			SPARE	20/1	15		18	20/1	RECEPTACLES			1.9
			SPARE	20/1	17		20	20/1	RECEPTACLES			1.9
			SPARE	20/1	19		22	20/1	RECEPTACLES			1.9
			SPARE	20/1	21		24	20/1	RECEPTACLES			1.9
			SPACE ONLY	20/1	23		26	20/1	SPACE ONLY			1.9
			SPACE ONLY	20/1	25		28	20/1	SPACE ONLY			1.9
			SPACE ONLY	20/1	27		30	20/1	SPACE ONLY			1.9
			SPACE ONLY	20/1	29		32	20/1	SPACE ONLY			1.9
			SPACE ONLY	20/1	31		34	20/1	SPACE ONLY			1.9
			SPACE ONLY	20/1	33		36	20/2	RECEPTACLES			1.9
			SPACE ONLY	20/1	35		38	20/2	RECEPTACLES			1.9
			SPACE ONLY	20/1	37		40	20/2	RECEPTACLES			1.9
			SPACE ONLY	20/1	39		42					1.9
			SPACE ONLY	20/1	41							1.9

PANELBOARD "R" FOR RATINGS SEE POWER RISER DIAGRAM NEMA 4 STAINLESS STEEL ENCLOSURE

KVA PER PHASE			LOAD DESCRIPTION	CKT. NO.	CKT. BRKR.	A B C	CKT. NO.	CKT. BRKR.	LOAD DESCRIPTION	KVA PER PHASE		
A	B	C								A	B	C
1.0			RECEPTACLES	20/1	1		2	20/1	RECEPTACLES	1.0		
	1.0		RECEPTACLES	20/1	3		4	20/1	RECEPTACLES		1.0	
		1.0	RECEPTACLES	20/1	5		6	20/1	RECEPTACLES			1.0
1.0			RECEPTACLES	20/1	7		8	20/1	RECEPTACLES	1.0		
	1.0		RECEPTACLES	20/1	9		10	20/1	RECEPTACLES		1.0	
		1.0	RECEPTACLES	20/1	11		12	20/1	RECEPTACLES			1.0
1.0			RECEPTACLES	20/1	13		14	20/1	RECEPTACLES	1.0		
	1.0		RECEPTACLE	20/1	15		16	20/1	RECEPTACLES			1.0
			SPARE	20/1	17		18	20/1	SPACE ONLY			
			SPARE	20/1	19		20	20/1	SPACE ONLY			
			SPARE	20/1	21		22	20/1	SPACE ONLY			
			SPARE	20/1	23		24	20/1	SPACE ONLY			
			SPARE	20/1	25		26	20/1	SPACE ONLY			
			SPARE	20/1	27		28	20/1	SPACE ONLY			
			SPARE	20/1	29		30	20/1	SPACE ONLY			
			SPARE	20/1	31		32	20/1	SPACE ONLY			
			SPARE	20/1	33		34	20/1	SPACE ONLY			
			RECEPTACLES	20/2	35		36	20/2	RECEPTACLES			1.9
1.9			RECEPTACLES	20/2	37		38	20/2	RECEPTACLES			1.9
	1.9		RECEPTACLES	20/2	39		40	20/2	RECEPTACLES			1.9
		1.9	RECEPTACLES	20/2	41		42					1.9

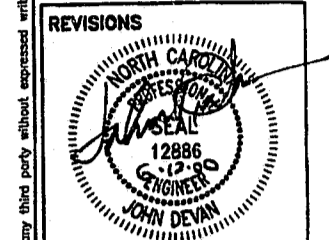
00-SP-010-A
APPROVED
BB 9/10/01
TM 4.12.01



SUITE 300
5541 CORPORATE WOODS DRIVE
WOODS, VA 22186
(703) 222-2010

DES. SLC DR. OWP/CHK. GJM

DATE 3/31/2000



REVISION NO. DATE
6-1-00

CENTRAL PARK AT CENTREGREEN
900 CENTREGREEN WAY
CARY, NORTH CAROLINA

ELECTRICAL ENLARGED PLANS & DETAILS

PROJECT NO. 99-137

E1.4

SHEET OF