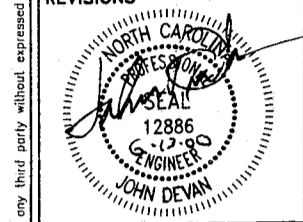


SUITE 200  
9041 CORPORATE WOODS DRIVE  
VIRGINIA BEACH, VIRGINIA 23462  
(757) 222-2010

DES. OLC DR. OWP CHK. GJM

DATE 3/31/2000



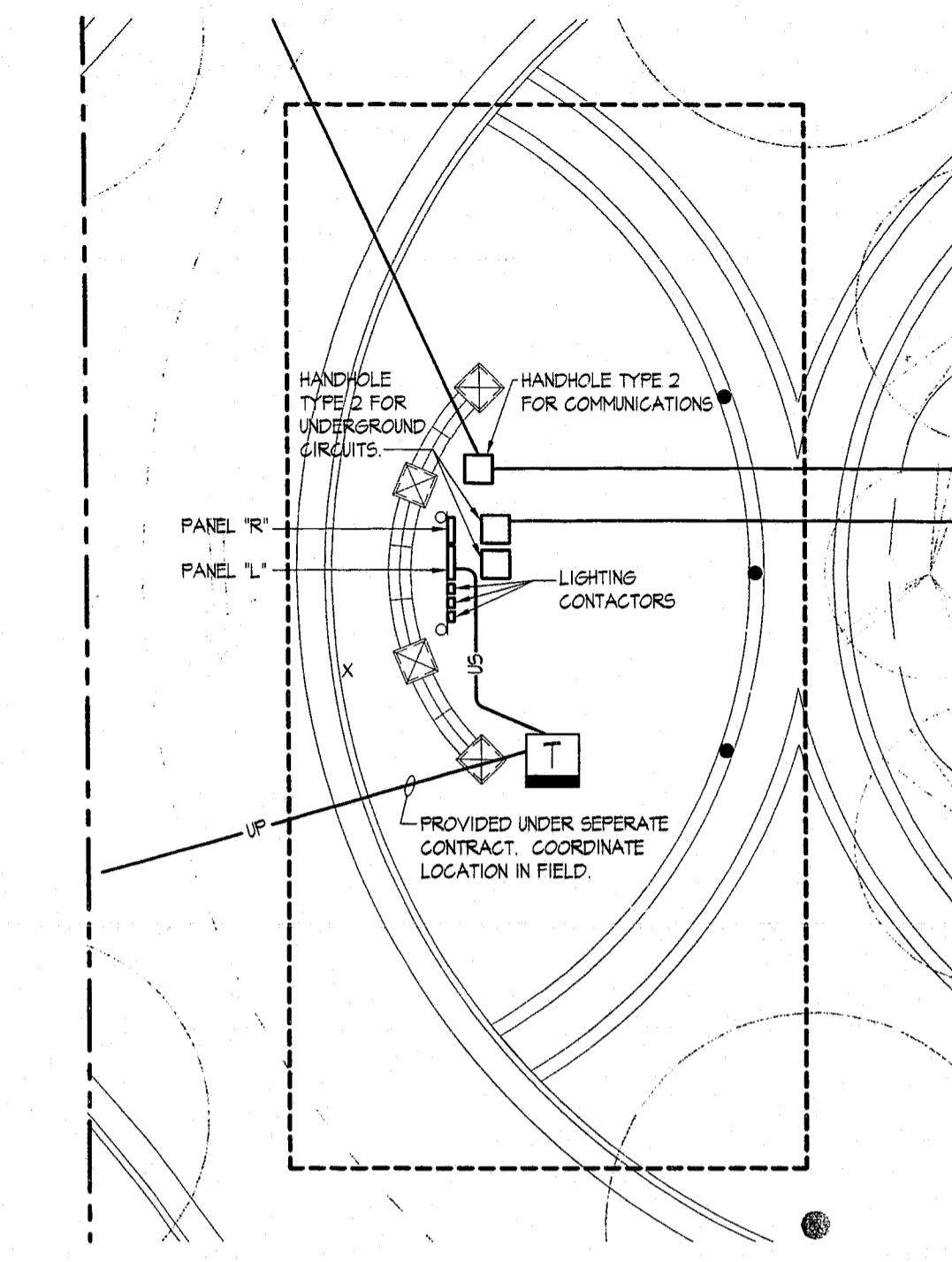
REVISION NO. DATE  
6-1-00

KVA PER PHASE			LOAD DESCRIPTION	CKT. BRKR.	CKT. NO.	FOR RATINGS SEE POWER RISER DIAGRAM, SERVICE ENTRANCE RATED NEMA 4 STAINLESS STEEL ENCLOSURE			KVA PER PHASE		
A	B	C				A	B	C			
1.3			ROAD LIGHTING	20/2	1						
	1.3		ROAD LIGHTING	20/2	3				1.0		
		1.3	ROAD LIGHTING	20/2	5					1.0	
			ROAD LIGHTING	20/2	7				1.0		
			ROAD LIGHTING	20/2	9				1.0		
			ROAD LIGHTING	20/2	11				1.0		
			ROAD LIGHTING	20/2	13				1.0		
			ROAD LIGHTING	20/2	15				1.0		
			ROAD LIGHTING	20/2	17				1.0		
			ROAD LIGHTING	20/2	19				1.0		
			ROAD LIGHTING	20/2	21				1.0		
			SPACE		23						
			SPACE		25						
			SPACE		27						
			SPACE		29						
			SPACE		31						
			SPACE		33						
			SPACE		35						
			PICNIC SHELTER PANEL	225/3	37				2.1		
					39						
					41						

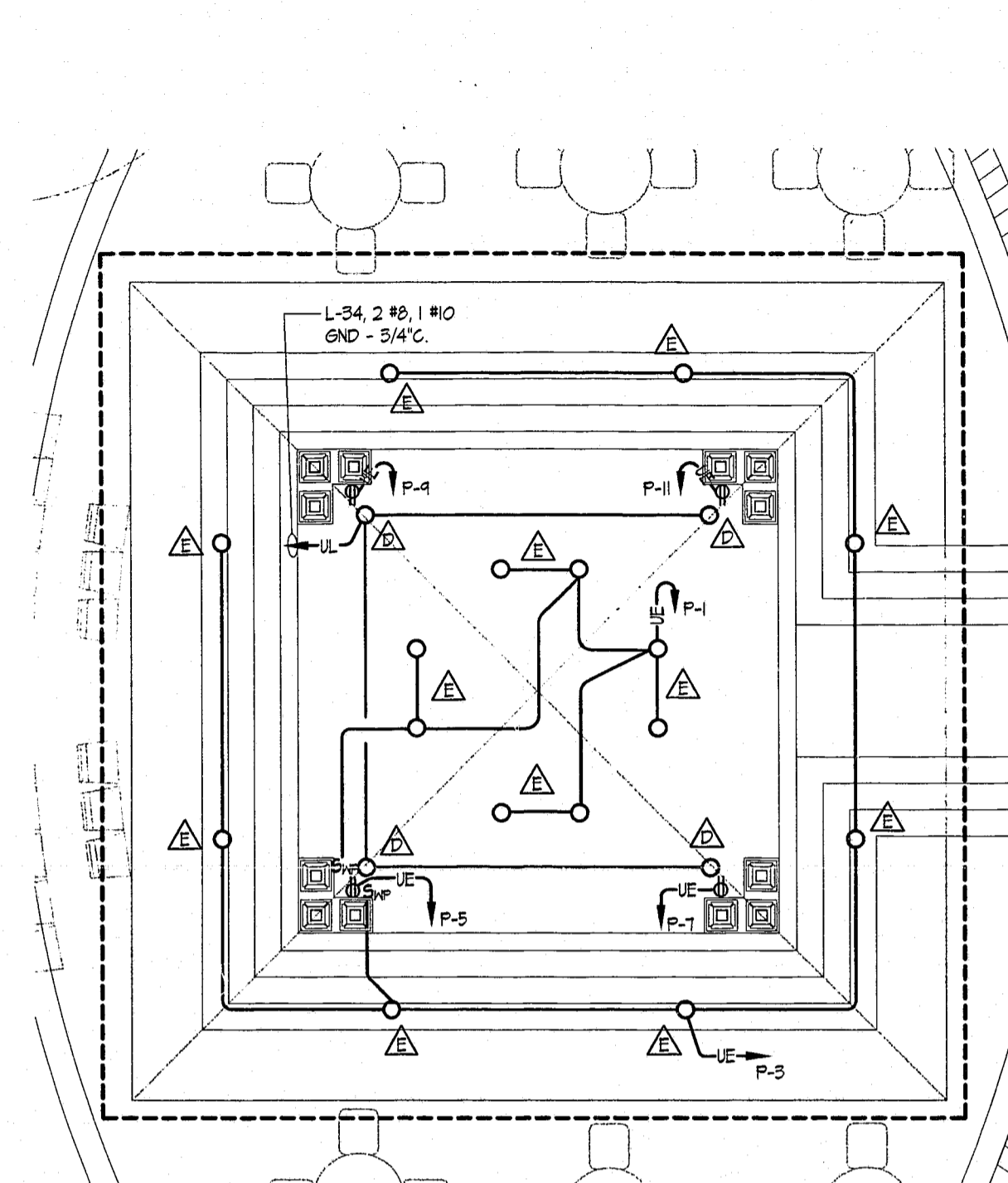
KVA PER PHASE			LOAD DESCRIPTION	CKT. BRKR.	CKT. NO.	FOR RATINGS SEE POWER RISER DIAGRAM, SERVICE ENTRANCE RATED NEMA 4 STAINLESS STEEL ENCLOSURE			KVA PER PHASE		
A	B	C				A	B	C			
1.0			LIGHTING	20/1	1				1.9		
	1.0		LIGHTING	20/1	3					1.9	
		0.2	RECEPTACLES	20/1	5						1.9
			RECEPTACLES	20/1	7				1.9		
		0.2	RECEPTACLES	20/1	9						1.9
			RECEPTACLES	20/1	11				1.9		
			SPARE	20/1	13						
			SPARE	20/1	15						
			SPARE	20/1	17						
			SPARE	20/1	19				1.9		
			SPARE	20/1	21						
			SPARE	20/1	23				1.9		
			SPACE ONLY		25						
			SPACE ONLY		27						
			SPACE ONLY		29						
			SPACE ONLY		31						
			SPACE ONLY		33						
			SPACE ONLY		35						
			SPACE ONLY		37						
			SPACE ONLY		39						
			SPACE ONLY		41						

KVA PER PHASE			LOAD DESCRIPTION	CKT. BRKR.	CKT. NO.	FOR RATINGS SEE POWER RISER DIAGRAM, SERVICE ENTRANCE RATED NEMA 4 STAINLESS STEEL ENCLOSURE			KVA PER PHASE		
A	B	C				A	B	C			
1.0			RECEPTACLES	20/1	1				1.0		
	1.0		RECEPTACLES	20/1	3					1.0	
		1.0	RECEPTACLES	20/1	5						1.0
			RECEPTACLES	20/1	7				1.0		
			RECEPTACLES	20/1	9						
			RECEPTACLES	20/1	11				1.0		
			RECEPTACLES	20/1	13						
			RECEPTACLES	20/1	15				1.0		
			RECEPTACLES	20/1	17						
			RECEPTACLES	20/1	19						
			RECEPTACLES	20/1	21						
			RECEPTACLES	20/1	23						
			RECEPTACLES	20/1	25						
			RECEPTACLES	20/1	27						
			RECEPTACLES	20/1	29						
			RECEPTACLES	20/1	31						
			RECEPTACLES	20/1	33						
			RECEPTACLES	20/1	35						
			RECEPTACLES	20/2	37				1.9		
			RECEPTACLES	20/2	39						
			RECEPTACLES	20/2	41						

KVA PER PHASE			LOAD DESCRIPTION	CKT. BRKR.	CKT. NO.	FOR RATINGS SEE POWER RISER DIAGRAM, SERVICE ENTRANCE RATED NEMA 4 STAINLESS STEEL ENCLOSURE			KVA PER PHASE		
A	B	C				A	B	C			
1.9			RECEPTACLES	20/2	35				1.9		
	1.9		RECEPTACLES	20/2	37					1.9	
		1.9	RECEPTACLES	20/2	39						1.9
			RECEPTACLES	20/2	41				1.9		



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



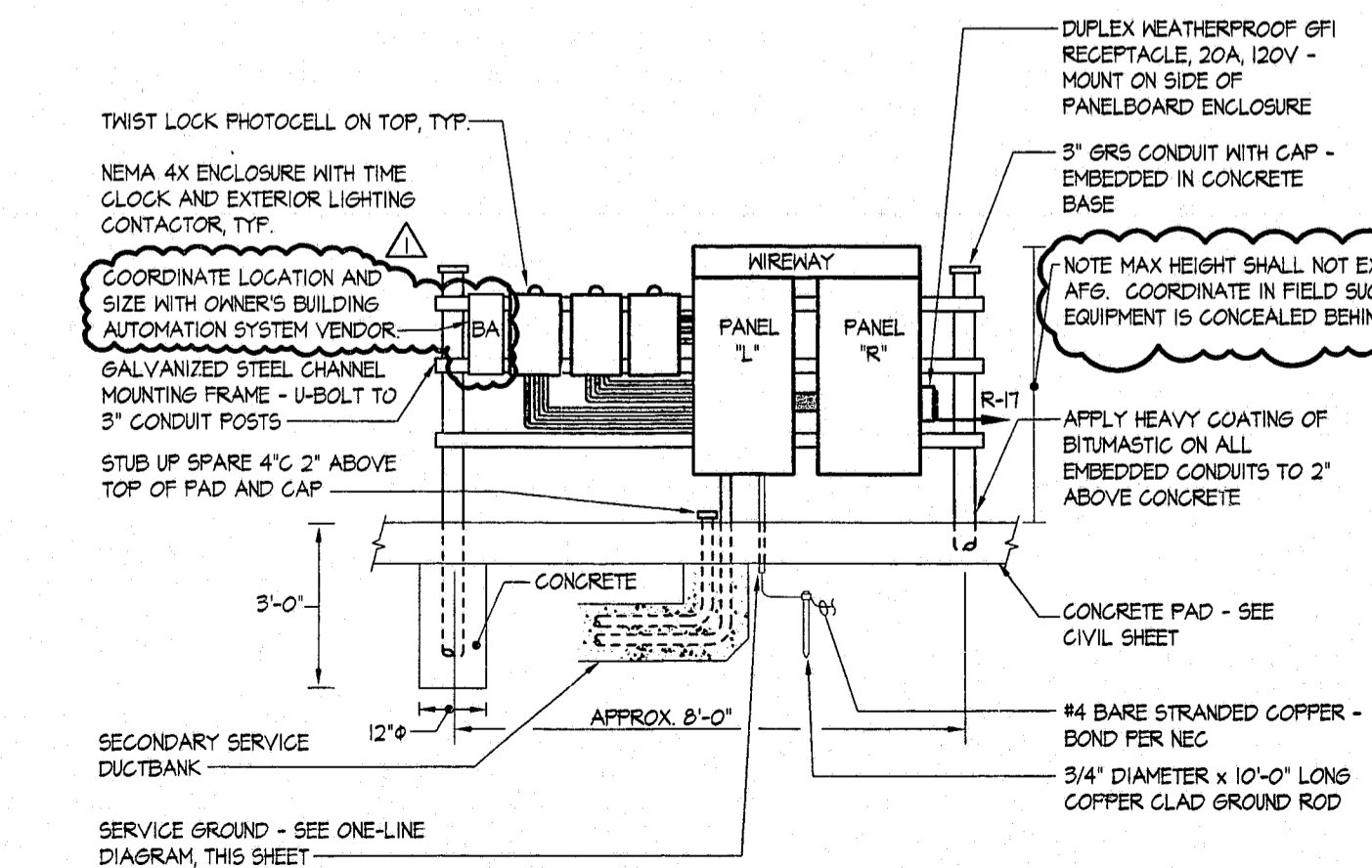
ENLARGED SITE PLAN  
SCALE: 1/4" = 1'-0"

**CONNECTED LOAD CALCULATIONS**

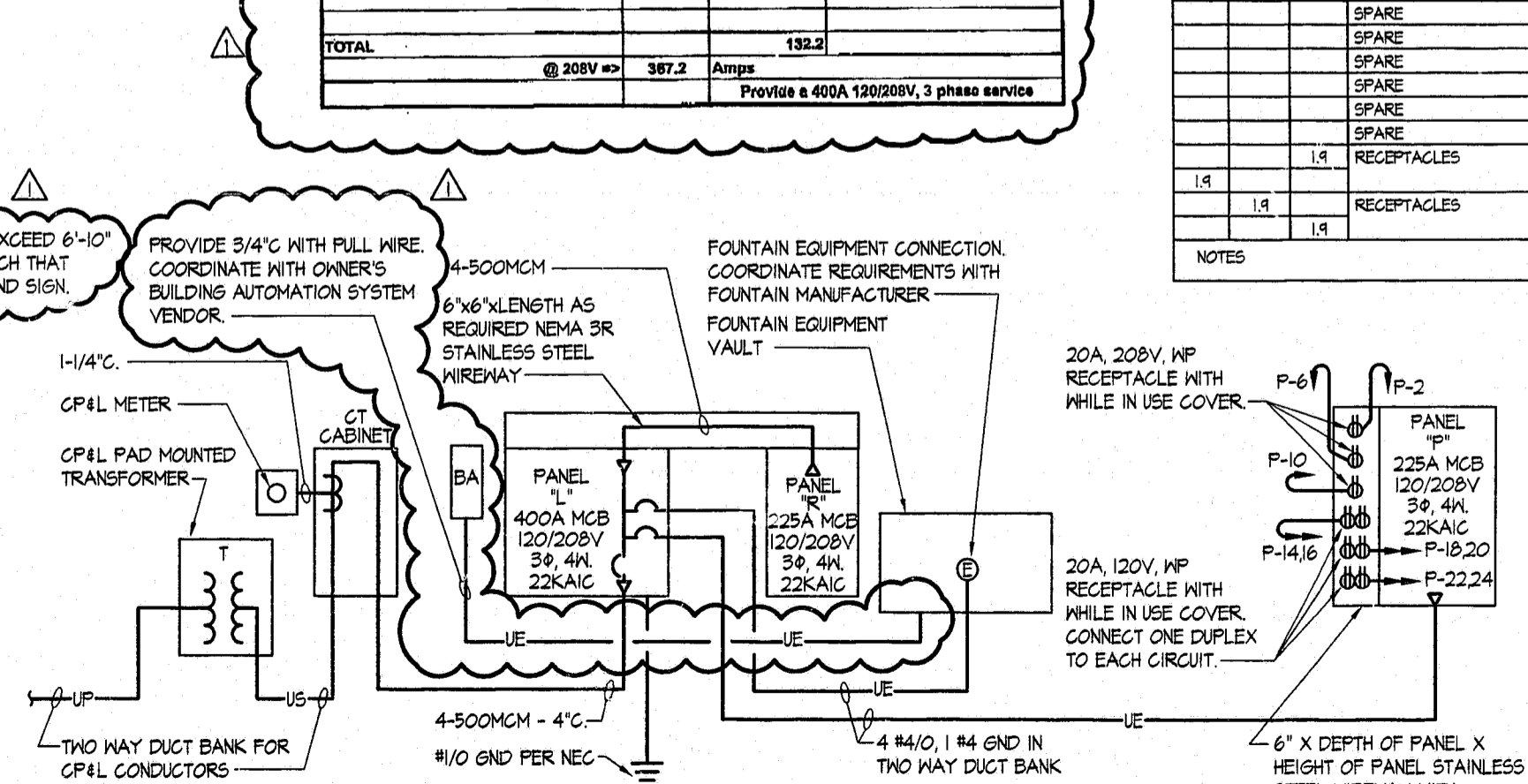
Project Name: Centregreen Project Number: 0087  
Location: NC Prepared By: SLC Date: 08/27/00

LOAD DESCRIPTION	DIVERSITY	KVA
LIGHTING	100%	33.0
RECEPTACLES	10kva*50%	38.2
FOUNTAIN	100%	63.0
<b>TOTAL</b>		<b>132.2</b>

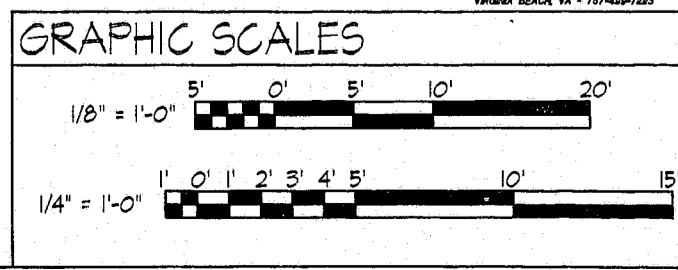
@ 208V => 387.2 Amps  
Provide a 400A 120/208V, 3 phase service



ELECTRICAL SERVICE EQUIPMENT DETAIL  
NO SCALE



POWER RISER DIAGRAM  
NO SCALE



CENTRAL PARK AT CENTREGREEN  
900 CENTREGREEN WAY  
CARY, NORTH CAROLINA

ELECTRICAL ENLARGED PLANS & DETAILS

PROJECT NO. 99-137

E1.4

SHEET OF