

FUTURE PANEL "A" SCHEDULE

120/208V, 3PH/600 AMP, 12 SPACE, SURFACE MOUNTED
NEMA 3R ENCLOSURE, 600 AMP MAIN CIRCUIT BREAKER, 22 KAIC

NOTES:	DESCRIPTION	TRIP AMPS	TOTAL WATTS	A	B	C	TOTAL WATTS	TRIP AMPS	DESCRIPTION	NOTES:
	SPARE	1	20	1			20	1	SPARE	
	SPARE	1	20		3		20	1	SPARE	
	SPARE	1	20			5	20	1	SPARE	
	SPARE	1	20			7	20	1	SPARE	
	SPARE	1	20			9	20	1	SPARE	
	SPARE	1	20			11	20	1	SPARE	
	SPARE	1	20			13	20	1	SPARE	
	SPARE	1	20			15	20	1	SPARE	
	SPARE	1	20			17	20	1	SPARE	
	SPARE	1	20			19	20	1	SPARE	
	SPARE	1	20			21	20	1	SPARE	
	SPARE	1	20			23	20	1	SPARE	
	SPARE	1	20			25	20	1	SPARE	
	SPARE	1	20			27	20	1	SPARE	
	SPARE	1	20			29	20	1	SPARE	
	SPARE	1	20			31	20	1	SPARE	
	SPARE	1	20			33	20	1	SPARE	
	SPARE	1	20			35	20	1	SPARE	
	SPARE	1	20			37	20	1	SPARE	
	SPARE	1	20			39	20	1	SPARE	
	SPARE	1	20			41	20	1	SPARE	
	TC SITE LIGHTING	1	20			31	500			
	EXIT LIGHTING	1	20			33	40			
	TC SITE LIGHTING	1	20			35	500			
	TC EXTERIOR LIGHTING	1	20			37	1090			
	TC EXTERIOR LIGHTING	1	20			39	1200			
	IRRIGATION/EXTERIOR RECEPTACLES	1	20			41	720			

TOTAL 'A' 1590
TOTAL 'B' 1240
TOTAL 'C' 1670
PANEL TOTAL: 4350 W (13 AMPS)
4350W x 1.25= 5438 WATTS (16 AMPS)

TC= CIRCUIT THROUGH TIME CLOCK

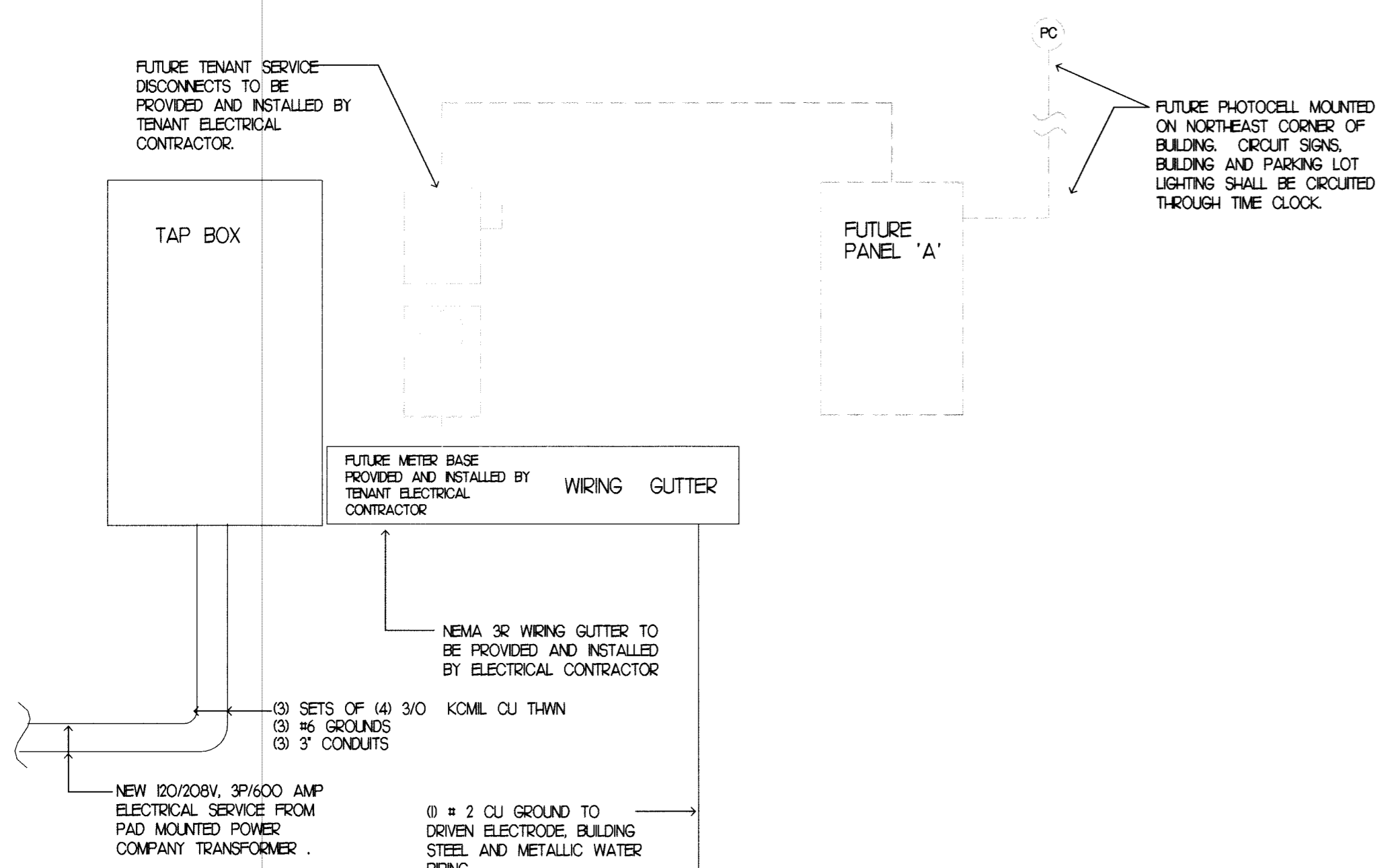
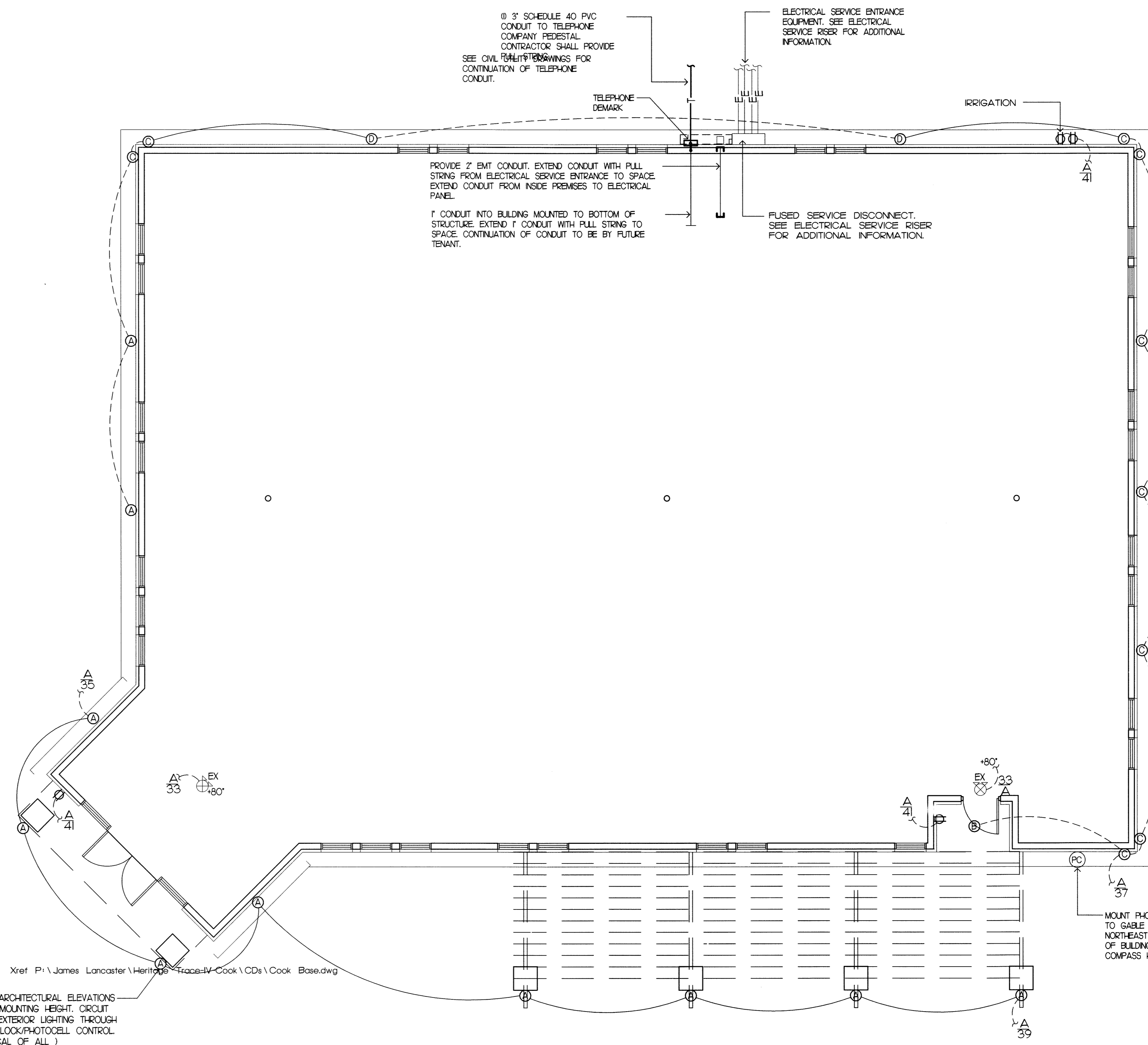
TC= CIRCUIT THROUGH TIME CLOCK

LIGHT FIXTURE SCHEDULE

SYMBOL	MARK	VOLT	LAMPS	DESCRIPTION
⊙	A	120	150W (MAX)	CARRIAGE FIXTURE ALLOW \$150.00 PER FIXTURE
⊙	B	120	32W TT	RECESSED DOWN LIGHT, PROVIDE W/BATTERY BACK-UP, LITHONIA AFV-32TRT-8-WR-120V
⊙	C	120	50W MH	METAL HALIDE UP LIGHT LUMARK MH-TF-GL-50W-120V-LL
⊙	D	120	150W MH	WALL-PACK LIGHT FIXTURE
⊙	EX	120	INTEGRAL	LITHONIA LHOMSWRN LED EXIT SIGN, COMBO UNIT, WITH BATTERY BACK-UP.

**ELECTRICAL LOAD ANALYSIS 120/208V 3-PHASE
5087 SQUARE FOOT BUILDING**

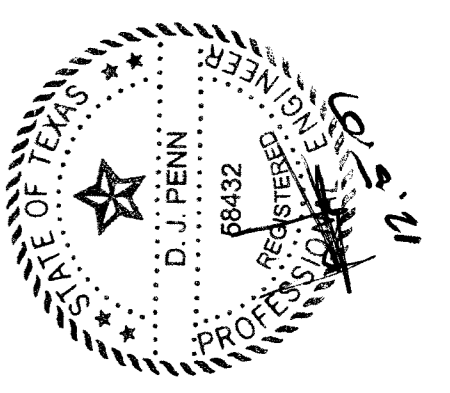
CONTINUOUS LOADS	BUILDING TOTALS
GENERAL LIGHTING • 3 VA/SQ. FT	15.26 KVA
TOTAL CONTINUOUS LOADS x 125*	19.08 KVA
NON CONTINUOUS LOADS	
HVAC	86.70 KVA
RECEPTACLES	7.63 KVA
WATER HEATING	18.0 KVA
MISCELLANEOUS LOADS • 100%	15.26 KVA
25% OF LARGEST LOAD	4.5 KVA
TOTAL NON CONTINUOUS LOADS	132.09 KVA
TOTAL CONTINUOUS & NON CONTINUOUS LOADS	151.17 KVA
HOUSE PANEL •	4.08 KVA
TOTAL BUILDING LOAD •	155.3 KVA (600 AMPS)



2 ELECTRICAL SERVICE RISER
SCALE: NO SCALE

1 BLDG. "1" SHELL POWER PLAN
SCALE: 3/16"=1'-0"

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB SITE AND NOTIFY THE ARCHITECTS OF ANY DIMENSIONAL ERRORS, OMISSIONS OR DISCREPANCIES BEFORE BEGINNING OR FABRICATING ANY WORK
DO NOT SCALE DRAWINGS



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**HERITAGE TRACE
OFFICE PARK
PHASE 4 - BLDG. 1
FT. WORTH, TX**

JOB NUMBER
07.131

SHEET TITLE
**BLDG. 1
SHELL
POWER PLAN**
SHEET NUMBER

E.I.O.
DATE OF ORIGINAL ISSUE
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