PROJECT NAME: WOODFOREST TOWN CENTER
PROJECT NUMBER: 26181.00

PANEL: **MSB** EXISTING PANEL
VOLTAGE: 277/480V, 3PH, 4W BUS: 4000 AMP MAINS: M.L.O. ACCESSORIES: NEMA: 1
CODES: 0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED

CODE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION		LOAD	CODE
		SPACE	***		1	A	2		SPACE	***		
		SPACE	***		3	B	4		SPACE	***		
		SPACE	***		5	C	6		SPACE	***		
2	8967	ATS	*	100/3	7	A	8		SPACE	***		
2	7732	--	*	--	9	B	10		SPACE	***		
2	6978	--	*	--	11	C	12		SPACE	***		
7	40522	XFMR 1	*	175/3	13	A	14		SPACE	***		
7	40694	--	*	--	15	B	16		SPACE	***		
7	39471	--	*	--	17	C	18		SPACE	***		
7	50875	PNL H1	*	400/3	19	A	20		SPACE	***		
7	48625	--	*	--	21	B	22		SPACE	***		
7	61125	--	*	--	23	C	24		SPACE	***		

LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		PHASE	CONN.KVA	LOAD FACTORS	DES. KVA	DES. AMP
0	0	8967	0	0	A		A	100.4	LIGHTS @ 125%	9.0	32
0	0	7732	0	0	B		B	97.1	EQUIP. @ 100%	7.7	28
0	0	6978	0	0	C		C	107.6	LG. MOTOR @125%	7.0	25
0	0	23676	0	0	TOTAL		TOTAL	305.0	RECEPS @ 10kW+50%	23.7	28

SUB-FEED PANELS:

PANEL NAME	S.F. KVA	LOAD FACTORS	DES. KVA	DES. AMP
PANEL H1	160.6	SUB FEED @ 100%	160.6	193
PANEL L1	120.7		120.7	145
		GRAND TOTAL	305.0	367

* EXISTING CIRCUIT BREAKER - ESTIMATED LOAD
** EXISTING SPARE CIRCUIT BREAKER
*** EXISTING BREAKER SPACE
**** REPLACE EXISTING BREAKER AS SHOWN

PROJECT NAME: WOODFOREST TOWN CENTER
PROJECT NUMBER: 26181.00

PANEL: **HE** EXISTING PANEL
VOLTAGE: 277/480V, 3PH, 4W BUS: 100 AMP MAINS: M.L.O. ACCESSORIES: NEMA: 1
CODES: 0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED

CODE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION		LOAD	CODE
0	1500	STAIRWELL B	*	20/1	1	A	2	20/1	EXIT SIGNAGE	*	1500	0
0	1500	STAIRWELL A	*	20/1	3	B	4	20/1	SPARE	**		
0	1500	LEVEL 1 CORRIDOR LIGHTING	*	20/1	5	C	6	20/1	SPARE	**		
0	1500	LEVEL 1 EGRESS LIGHTING	*	20/1	7	A	8	30/3	XFMR XLE	*	4420	7
0	1000	LEVEL 2 CORRIDOR LIGHTING	*	20/1	9	B	10	--	--	*	5020	7
0	1000	LEVEL 2 EGRESS LIGHTING	*	20/1	11	C	12	--	--	*	3860	7
0	1000	LEVEL 3 CORRIDOR LIGHTING	*	20/1	13	A	14		SPACE	***		
0	1000	LEVEL 3 EGRESS LIGHTING	*	20/1	15	B	16		SPACE	***		
0	1000	LEVEL 4 CORRIDOR LIGHTING	*	20/1	17	C	18		SPACE	***		
0	1000	LEVEL 4 CORRIDOR LIGHTING	*	20/1	19	A	20		SPACE	***		
0	1000	LEVEL 5 CORRIDOR LIGHTING	*	20/1	21	B	22		SPACE	***		
0	1000	LEVEL 5 CORRIDOR LIGHTING	*	20/1	23	C	24		SPACE	***		
0	1000	LEVEL 6 CORRIDOR LIGHTING	*	20/1	25	A	26		SPACE	***		
0	1000	LEVEL 6 CORRIDOR LIGHTING	*	20/1	27	B	28		SPACE	***		
0	1000	EXISTING	*	20/1	29	C	30		SPACE	***		

LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		PHASE	CONN.KVA	LOAD FACTORS	DES. KVA	DES. AMP
7500	0	0	0	0	A		A	11.9	LIGHTS @ 125%	9.4	34
5500	0	0	0	0	B		B	10.5	EQUIP. @ 100%	6.9	25
5500	0	0	0	0	C		C	9.4	LG. MOTOR @125%	6.9	25
18500	0	0	0	0	TOTAL		TOTAL	31.8	RECEPS @ 10kW+50%	23.1	28

SUB-FEED PANELS:

	PANEL NAME	S.F. KVA	LOAD FACTORS	DES. KVA	DES. AMP
3324	PANEL LE	13.3	SUB FEED @ 100%	13.3	16
			GRAND TOTAL	36.4	44

* EXISTING CIRCUIT BREAKER - ESTIMATED LOAD
** EXISTING SPARE CIRCUIT BREAKER
*** EXISTING BREAKER SPACE
**** REPLACE EXISTING BREAKER AS SHOWN

PROJECT NAME: WOODFOREST TOWN CENTER
PROJECT NUMBER: 26181.00

PANEL: **LE** EXISTING PANEL
VOLTAGE: 120/208V, 3PH, 4W BUS: 60 AMP MAINS: M.L.O. ACCESSORIES: NEMA: 1
CODES: 0=LIGHTS 1=RECEP 2=EQUIP 3=A/C 4=HTG 5=125% LGST MTR 6=KITCHEN 7=PREVIOUSLY CALCULATED

CODE	LOAD	CIRCUIT DESCRIPTION		BKR	CKT	PH	CKT	BKR	CIRCUIT DESCRIPTION		LOAD	CODE
1	900	EXISTING	*	20/1	1	A	2	20/1	EXISTING	*	560	1
1	560	EXISTING	*	20/1	3	B	4	20/1	EXISTING	*	900	1
1	900	EXISTING	*	20/1	5	C	6	20/1	EXISTING	*	560	1
1	560	EXISTING	*	20/1	7	A	8	20/1	EXISTING	*	900	1
2	1500	EXISTING	*	30/2	9	B	10	20/1	EXISTING	*	560	1
2	1500	EXISTING	*	--	11	C	12	20/1	EXISTING	*	900	1
		SPACE	***		13	A	14	30/2	EXISTING	*	1500	2
		SPACE	***		15	B	16	--	EXISTING	*	1500	2
		SPACE	***		17	C	18		SPACE	***		
		SPACE	***		19	A	20		SPACE	***		
		SPACE	***		21	B	22		SPACE	***		
		SPACE	***		23	C	24		SPACE	***		
		SPACE	***		25	A	26		SPACE	***		
		SPACE	***		27	B	28		SPACE	***		
		SPACE	***		29	C	30		SPACE	***		

LIGHTS	RECEP.	EQUIP.	MOTORS	EL. HEAT	PHASE		PHASE	CONN.KVA	LOAD FACTORS	DES. KVA	DES. AMP
0	2920	1500	0	0	A		A	4.4	LIGHTS @ 125%	4.4	37
0	2020	3000	0	0	B		B	5.0	EQUIP. @ 100%	5.0	42
0	2360	1500	0	0	C		C	3.9	LG. MOTOR @125%	3.9	32
0	7300	6000	0	0	TOTAL		TOTAL	13.3	RECEPS @ 10kW+50%	13.3	37

* EXISTING CIRCUIT BREAKER - ESTIMATED LOAD
** EXISTING SPARE CIRCUIT BREAKER
*** EXISTING BREAKER SPACE
**** REPLACE EXISTING BREAKER AS SHOWN

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WOODFOREST TOWN CENTER
WOODLANDS, TEXAS

E/B/E PROJECT NUMBER: 26181.00

ISSUED FOR CLIENT APPROVAL	DATE
ISSUED FOR BIDDING	
ISSUED FOR PERMIT	
ISSUED FOR CONSTRUCTION	

REVISIONS

MARK	DESCRIPTION	DATE
	ISSUE FOR FINAL REVIEW	09/30/2026

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ELECTRICAL SCHEDULES

SHEET NO.
E4.01

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