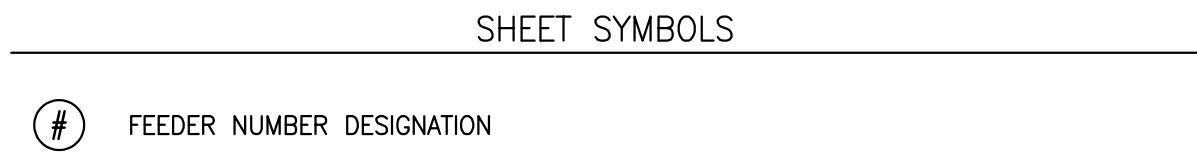
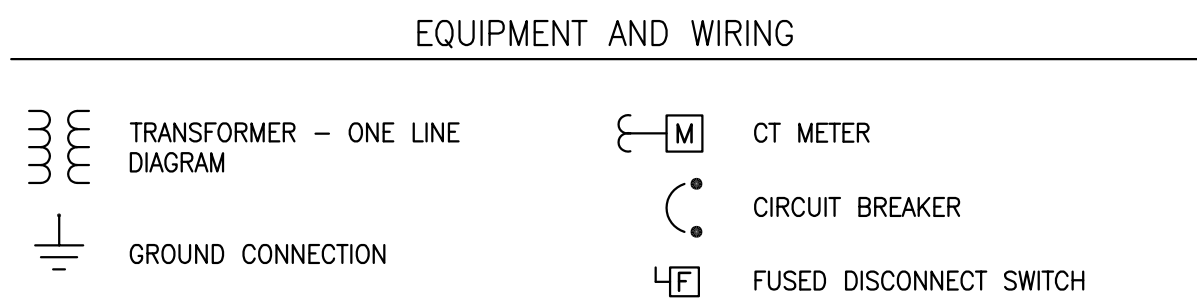
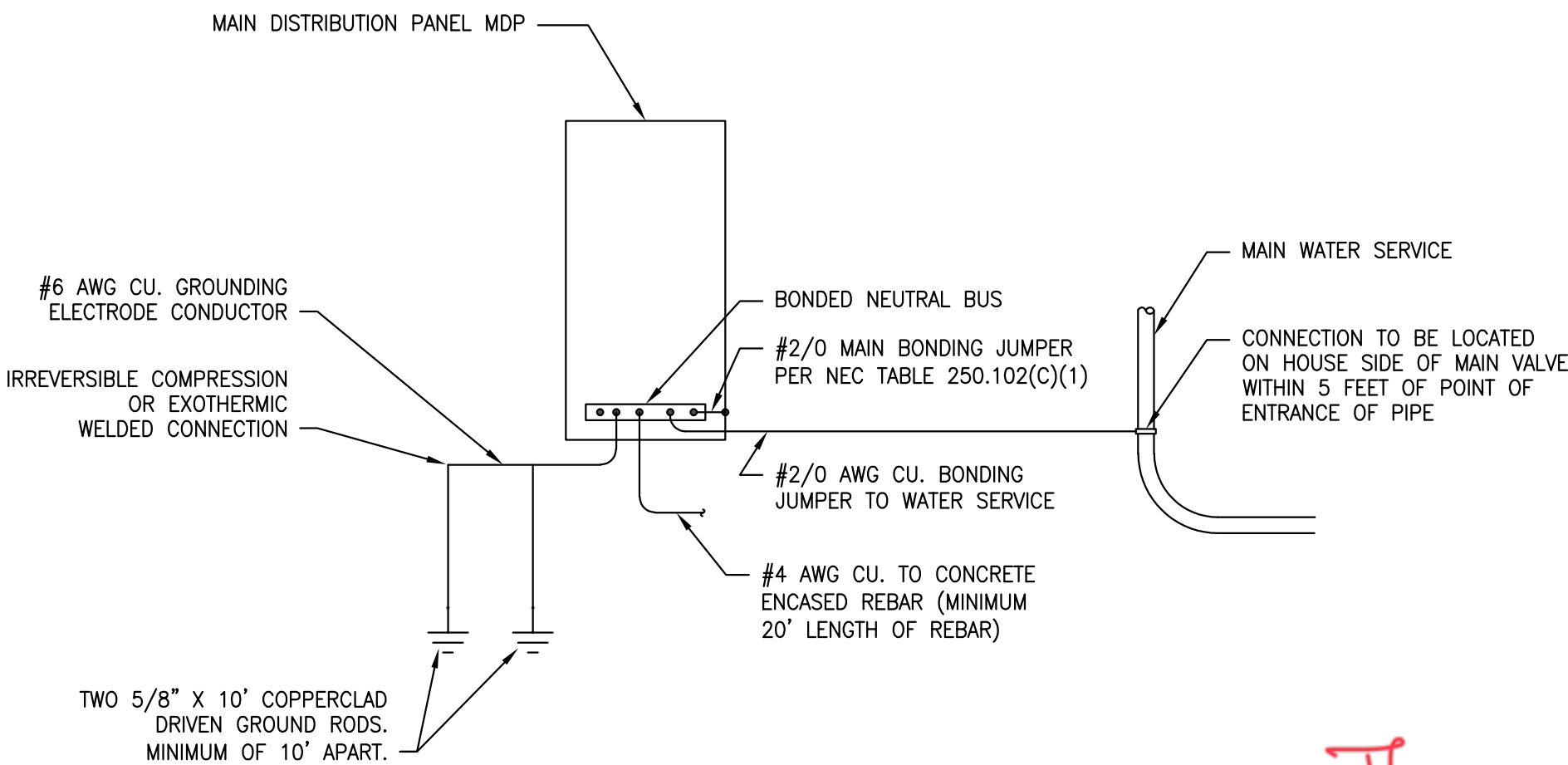


ELECTRICAL SYMBOLS AND ABBREVIATIONS



ELECTRICAL ABBREVIATIONS

A	- AMPERES	KW	- KILOWATTS
AC	- ALTERNATING CURRENT	LTG	- LIGHTING
AFF	- ABOVE FINISHED FLOOR	LV	- LOW VOLTAGE
AIC	- AMP INTERRUPTING CAPACITY	MC	- MECHANICAL CONTRACTOR
BLDG	- BUILDING	MCB	- MAIN CIRCUIT BREAKER
BRKR	- BREAKER	MDP	- MAIN DISTRIBUTION PANEL
C	- CONDUIT	MLO	- MAIN LUGS ONLY
CB	- CIRCUIT BREAKER	MTD	- MOUNTED
CLG	- CEILING	MTG	- MOUNTING
DISC	- DISCONNECT	MTR	- MOTOR/METER
DP	- DISTRIBUTION PANEL	NA	- NOT APPLICABLE
EC	- ELECTRICAL CONTRACTOR	NTS	- NOT TO SCALE
EMT	- ELECTRICAL METALLIC TUBING	P	- POLE
EQUIP	- EQUIPMENT	PH	- PHASE
ETR	- EXISTING TO REMAIN	PNL	- PANEL
EW	- ELECTRIC WATER COOLER	PWR	- POWER
FDS	- FUSED DISCONNECT SWITCH	REC	- RECESSED
FIXT	- FIXTURE	REL	- RELOCATE
FLA	- FULL LOAD AMPS	REQD	- REQUIRED
FLR	- FLOOR	SCCR	- SHORT CIRCUIT CURRENT RATING
GC	- GENERAL CONTRACTOR	SHT	- SHEET
GFCI	- GROUND FAULT CIRCUIT INTERRUPTER	SPEC	- SPECIFICATION
GFI	- GROUND FAULT INTERRUPTER	TYP	- TYPICAL
GND	- GROUND	UG	- UNDERGROUND
GRC	- GALVANIZED RIGID CONDUIT	UNO	- UNLESS NOTED OTHERWISE
HP	- HORSEPOWER / HEAT PUMP	V	- VOLTAGE
HTR	- HEATER	W	- WIRE
IMC	- INTERMEDIATE METAL CONDUIT	W/	- WITH
JB	- JUNCTION BOX	WG	- WIREGUARD
KV	- KILOVOLT	WP	- WEATHERPROOF
KVA	- KILOVOLT-AMPERES	XFMR	- TRANSFORMER



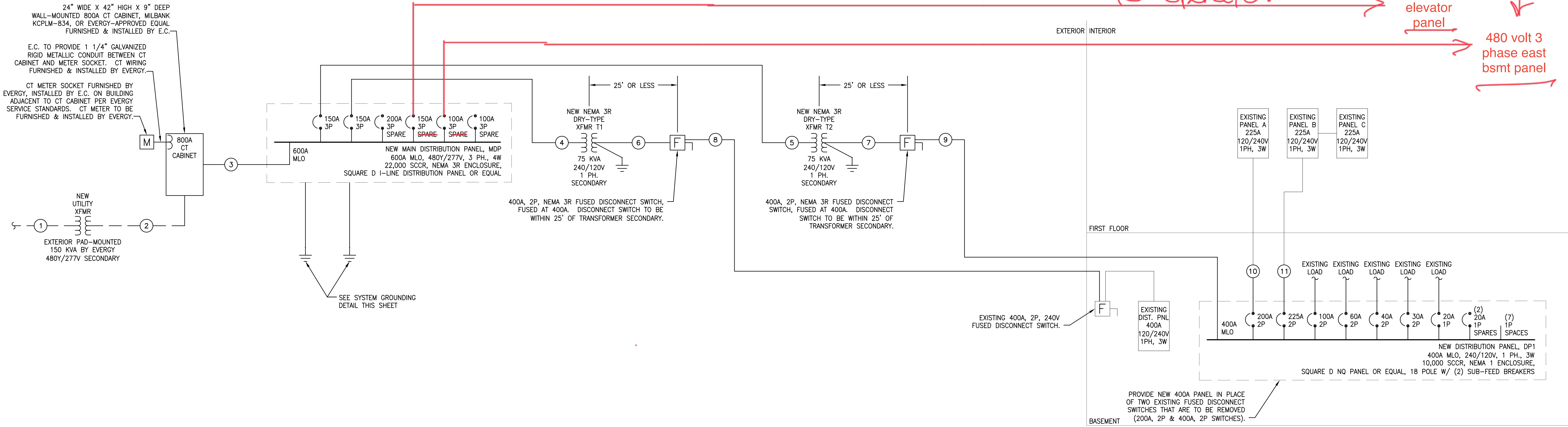
FEEDER SCHEDULE

NO.	SETS	CONDUIT	CONDUCTORS	FROM	TO
1	1	4" BY E.C.	FURNISHED & INSTALLED BY EVERGY	POWER POLE	PAD-MOUNTED TRANSFORMER
2	2	4"	4 #350	PAD-MOUNTED TRANSFORMER	CT CABINET
3	2	4"	4 #350	CT CABINET	MAIN DISTRIBUTION PANEL, MDP
4	1	1 1/2"	3 #1/0 & 1 #6 GND	MDP	75 KVA TRANSFORMER T1
5	1	1 1/2"	3 #1/0 & 1 #6 GND	MDP	75 KVA TRANSFORMER T2
6	1	3"	3 #500 & 1 #1/0 GND	XFMR T1	400A FUSED DISCONNECT SWITCH
7	1	3"	3 #500 & 1 #1/0 GND	XFMR T2	400A FUSED DISCONNECT SWITCH
8	1	3"	3 #500 & 1 #3 GND	400A FUSED DISC. SWITCH	EXISTING DISTRIBUTION PANEL
9	1	3"	3 #500 & 1 #3 GND	400A FUSED DISC. SWITCH	DISTRIBUTION PANEL, DP1
10	1	NEW/EXISTING 2 1/2"	3 #3/0 & 1 #6 GND	DP1	EXISTING PANEL A
11	1	NEW/EXISTING 2 1/2"	3 #4/0 & 1 #4 GND	DP1	EXISTING PANEL B

The addition of these two panels allowed all systems to operate.

480 volt 3 phase Bsmt elevator panel

480 volt 3 phase east bsmt panel



ELECTRICAL ONE-LINE DIAGRAM



ENGINEERING



CONSULTANTS
1227 NORTH MAIN STREET
HUTCHINSON, KANSAS 67501
620-665-6394
www.engineering-consultants.com

THIS DRAWING IS THE PROPERTY OF
ENGINEERING CONSULTANTS, P.A. AND
SHALL NOT BE COPIED OR REPRODUCED
WITHOUT WRITTEN AUTHORIZATION
FROM ENGINEERING CONSULTANTS, P.A.

NEW ELECTRICAL SERVICE for
906 N. HALSTEAD
906 N. HALSTEAD, HUTCHINSON, KANSAS 67501

Revision Schedule

No	Description	Date

DATE: 02/20/26
JOB No: 26-039
DESIGN BY: LEE
DRAWN BY: HEB
CHECK BY: LEE

NEW ELECTRICAL SERVICE
for 906 N. HALSTEAD
SCHEDULES &
ONE-LINE DIAGRAM