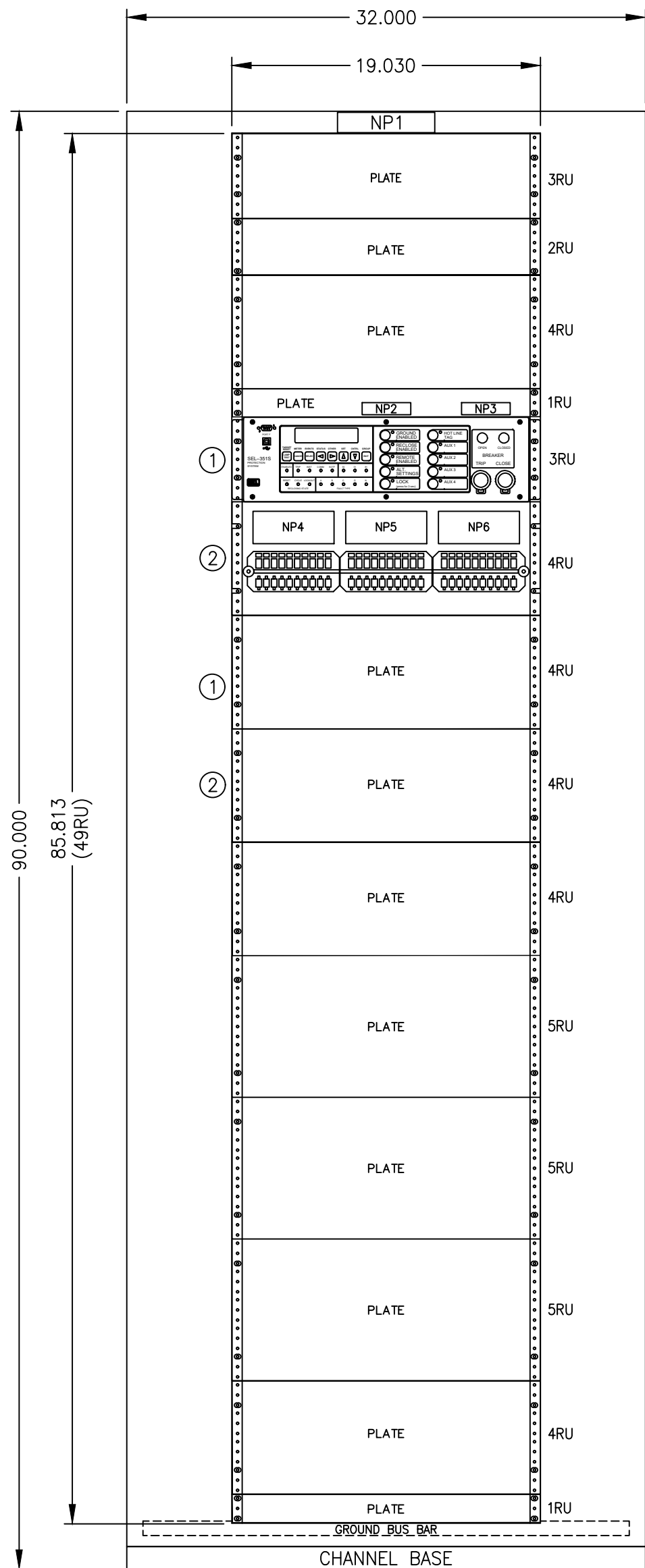
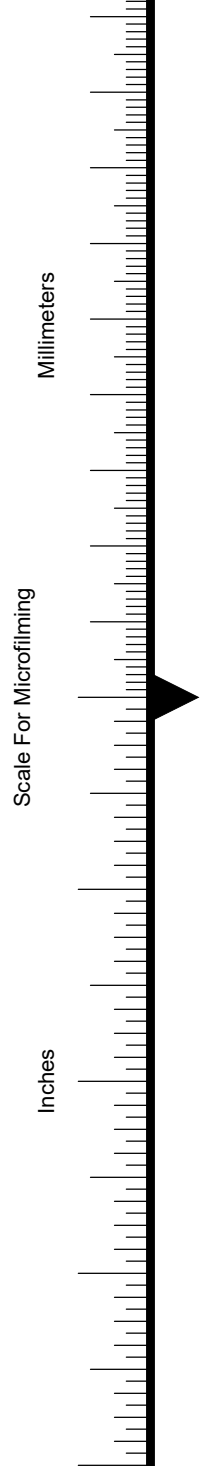
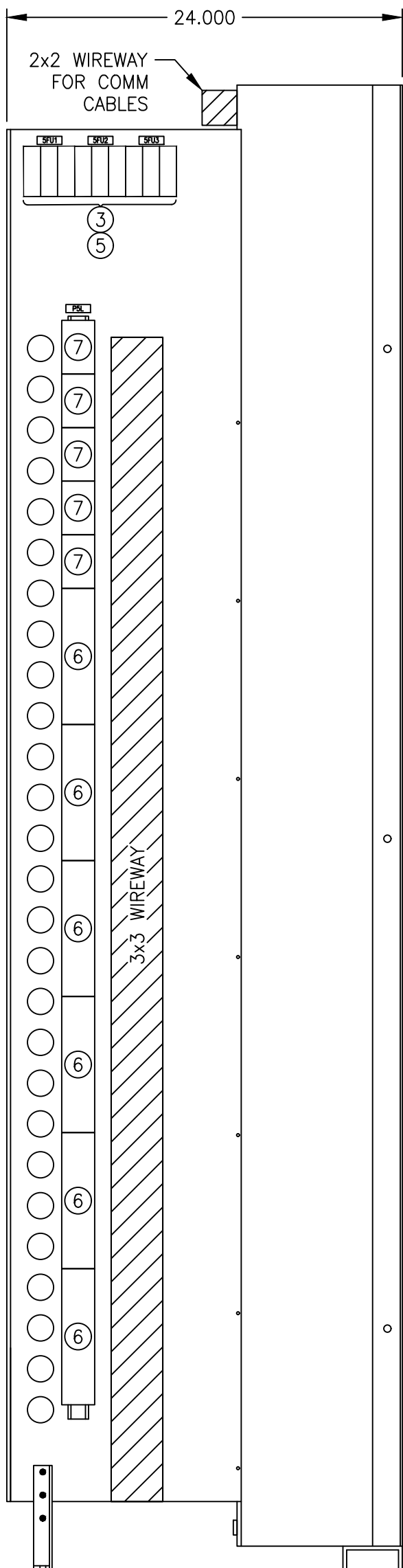
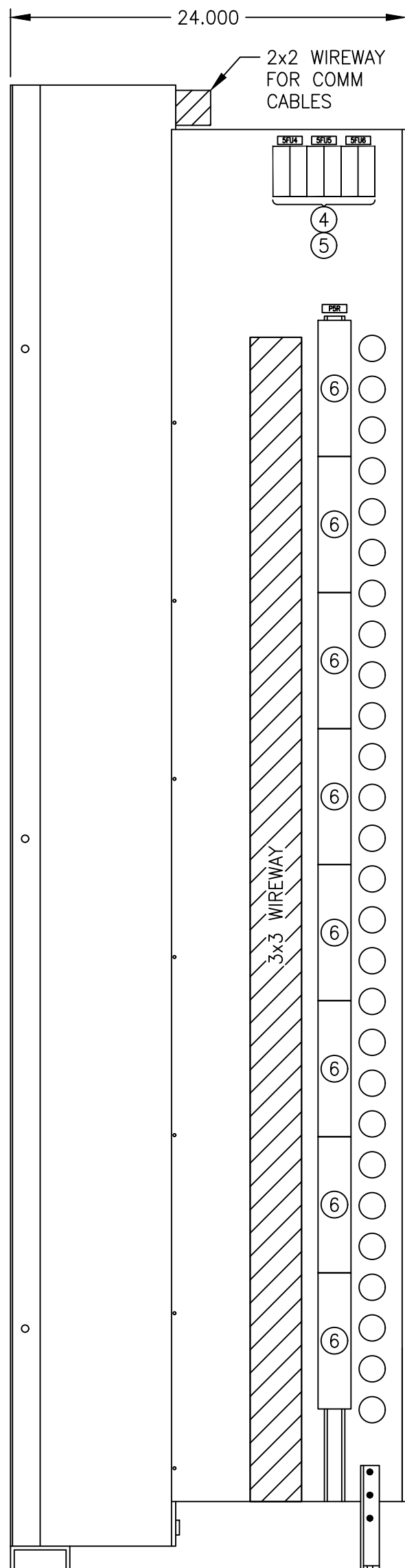




FRONT VIEW
PANEL 6
12.47kV BUS #1
FEEDER
PROTECTION



INTERIOR LEFT SIDE



INTERIOR RIGHT SIDE

BILL OF MATERIAL				
ITEM	QTY	MANUFACTURER	PART NUMBER	DESCRIPTION
1	2	SEL	0351S7XHD3E5421	FEEDER PROTECTION RELAY
2	2	ABB	FR4G171001001	TEST BLOCK, FT-19R, 30 POLES, 171 001 001
3	3	BUSSMANN	H25030-3S	FUSE BLOCK 3-P 30A, 250V
4	3	BUSSMANN	H25030-2S	FUSE BLOCK 2-P 30A, 250V
5	15	BUSSMANN	NON-10	FUSE CARTRIDGE 10A, 250V NR
6	14	GE	EB25B12	TERMINAL BLOCK, 12 POLES, 30A, 600V
7	5	GE	EB27B04S	SHORTING TERMINAL BLOCKS, 4 POLES, 30A, 600V

NAMEPLATE LEGEND				
NPLT NO.	LINE 1	LINE 2	LINE 3	SIZE
1	12.47kV DISTRIBUTION	12.47kV BUS #1 FEEDER		1.25 X 6
2	12.47kV FEEDER	OVERCURRENT RELAY	SEL-351S	0.75 X 3
3	CB 0323 (SEE NOTE 3)			0.75 X 3
4	SEE DWG 022074-NP05 FOR DETAILS			2 X 5
5	SEE DWG 022074-NP05 FOR DETAILS			2 X 5
6	SEE DWG 022074-NP05 FOR DETAILS			2 X 5
9	SEE DWG 022074-NP05 FOR DETAILS			2 X 5
10	SEE DWG 022074-NP05 FOR DETAILS			2 X 5
11	SEE DWG 022074-NP05 FOR DETAILS			2 X 5
P5L, P5R, 5FU1, 5FU2, 5FU3, 5FU4, 5FU5, 5FU6				0.5 X 1.25

- NOTES:
- NAMEPLATES ARE BLACK WITH WHITE LETTERS.
 - PROVIDE NAMEPLATES FOR FUSE BLOCKS, TERMINAL BLOCKS AND ANY OTHER INTERIOR DEVICE IDENTIFICATIONS.
 - LETTER HEIGHT FOR THESE NAMEPLATES ARE 0.5"

no.	date	by	ckd	description
0	XX/XX/XX	XX	XXX	ISSUED FOR REVIEW

9400 WARD PARKWAY
KANSAS CITY, MO 64114
816-333-9400

date	XX/XX/XX	detailed	K. DUNNAGAN
designed	L. PRUETT	checked	X. XXXX

Midwest Energy, Inc.
1330 Canterbury Rd.
Hays, Kansas 67601
(785) 625-3437

EAST HAYS SUBSTATION	
PANEL 6	
12kV BUS #1 FEEDER PROTECTION	
PANEL LAYOUT	
project	contract
XXXXX	
drawing	rev.
PANEL 6	0
sheet 1 of 1 sheets	
file PANEL 6.dwg	