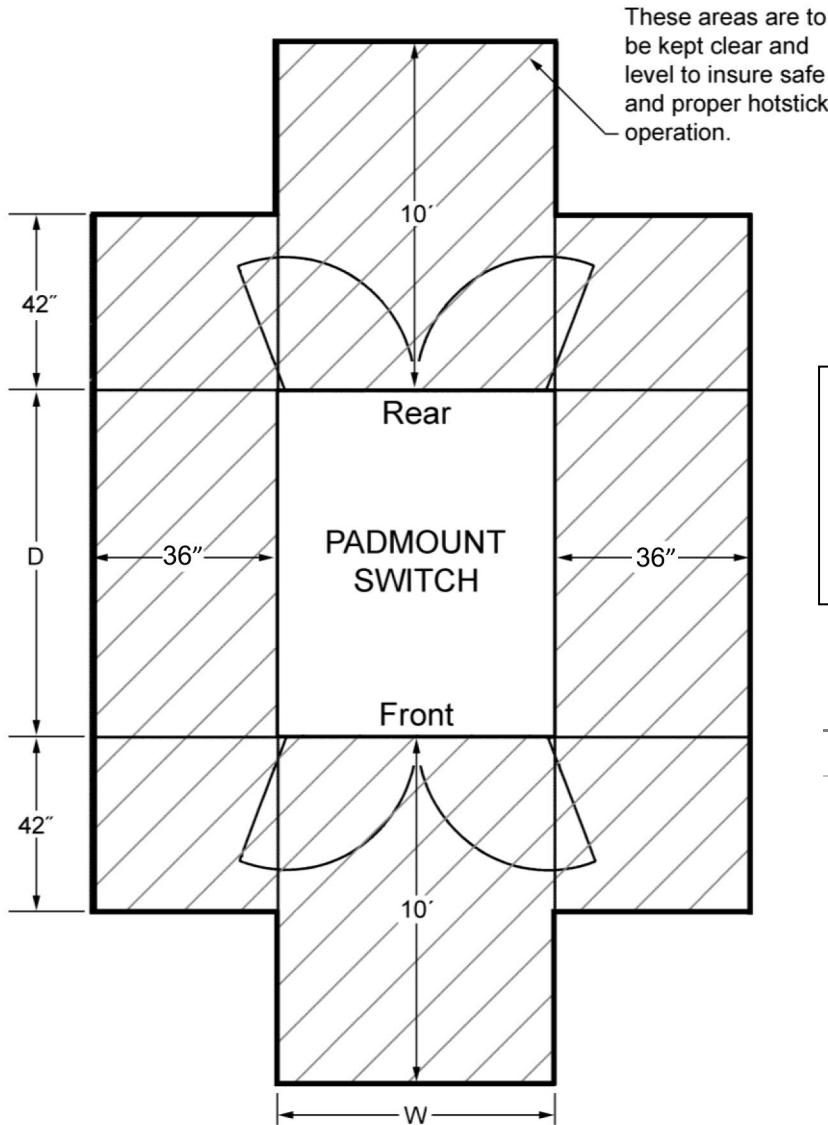


Pad Construction for Pad-Mounted Switchgear

Minimum Clearances



4-in diameter steel pipe barrier posts or 8-in curb to be specified as required.

Clearances between switchgear and conductive (metal) structures or material shall be a minimum of 10 ft from the front and rear, and 7 ft from the sides.

Pad Dimensions:

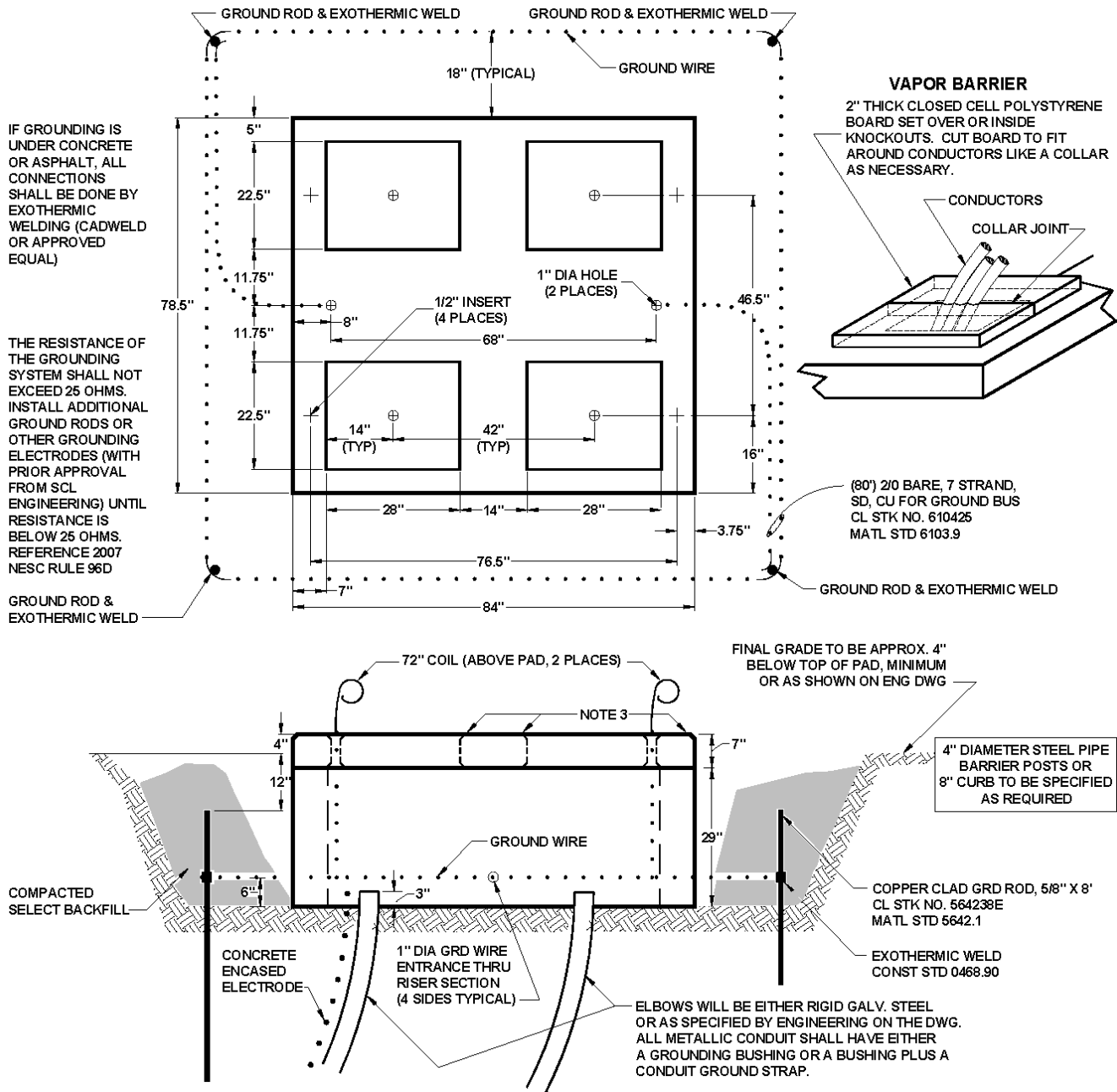
PMH Switch Type	W (in)	D (in)
5	45	67
9, 10, 11, 12	84	78-1/2

Standard Coordinator
 Laura Vanderpool

Standards Engineering Supervisor
 Brett Hanson

Division Director
 Bob Risch

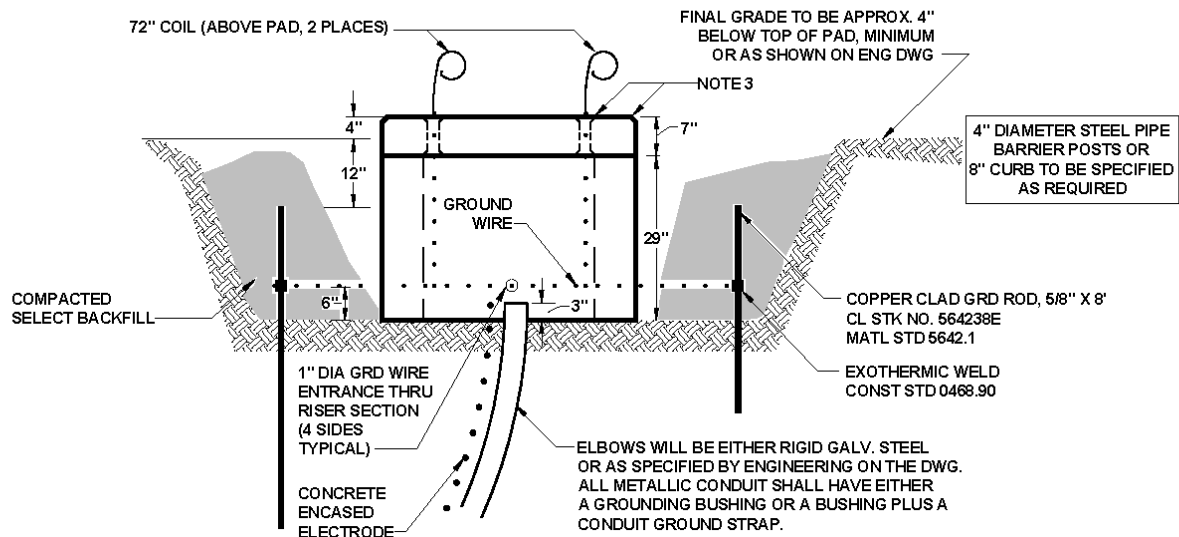
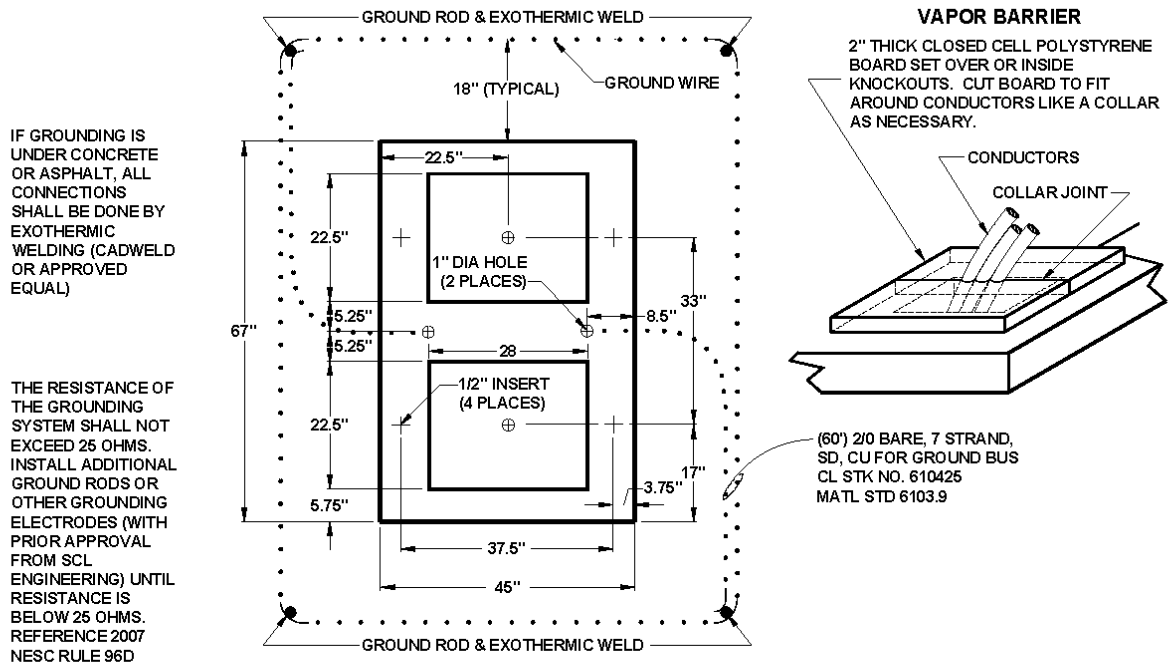
Four Compartment



Four Compartment Notes

1. This pad assembly consists of a base and a 29" riser. The base & riser may either be poured in place or prefabricated, and of either one- or two-piece construction.
2. See Seattle City Light drawing B-5704 (in Appendix) for reinforcing and misc. construction details.
3. If poured in place, reinforcing bar must be in place and inspected by City Light before concrete pour.
4. Chamfer slab edge and cable openings one inch (1") on all sides.
5. If used to service customer equipment, top of elbow must be below service entrance height at the customer equipment.
6. Install vapor barrier over or inside knockouts. Use 2" closed cell polystyrene board. This is intended to be readily available material such as used in the least expensive ice chests. Cut board to fit around conductors like a collar as necessary.
7. Install a 50-ft 250 kcmil concrete-encased electrode in the bottom of the duct bank.

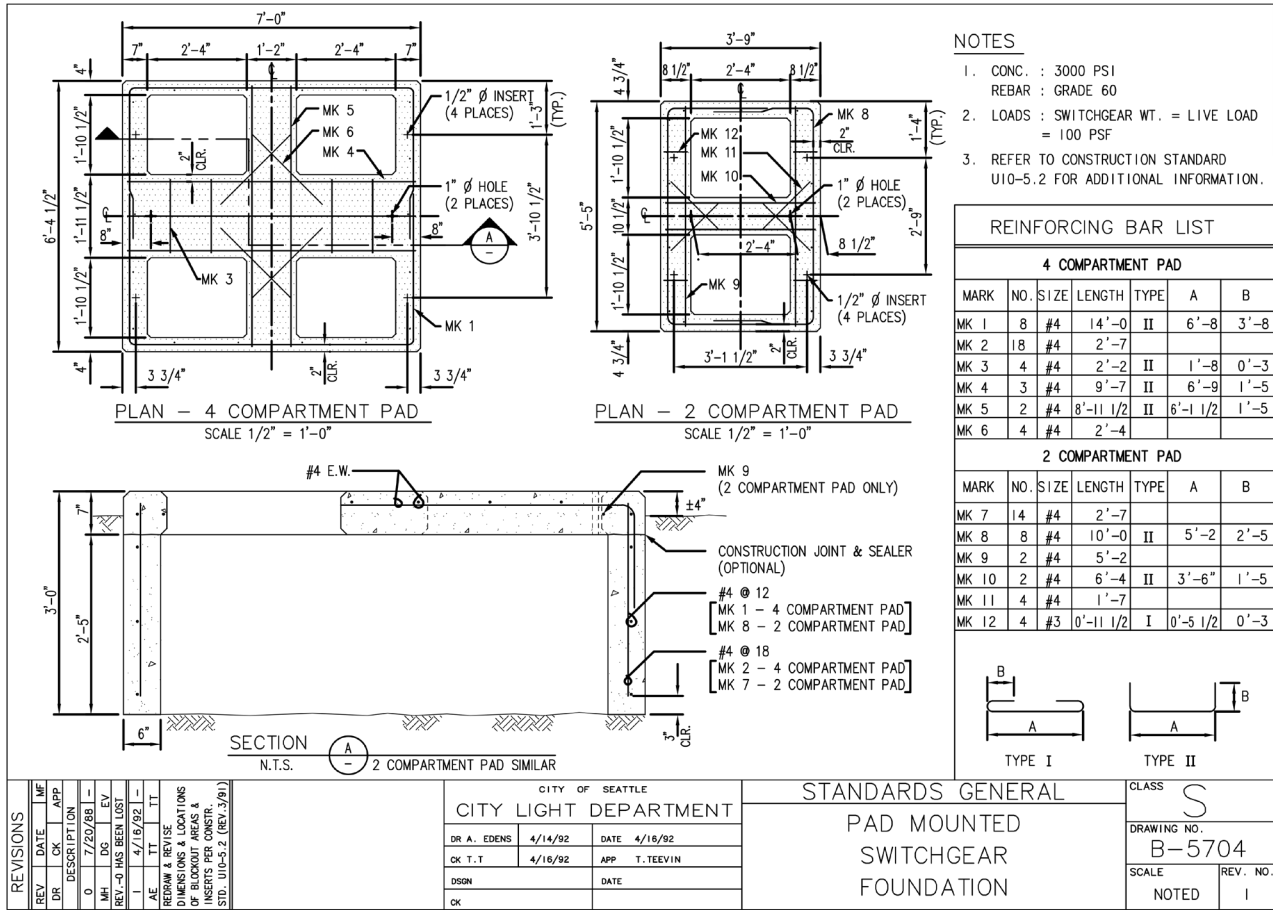
Two Compartment



Two Compartment Notes

1. This pad assembly consists of a base and a 29" riser. The base and riser may either be poured in place or prefabricated, and of either one- or two-piece construction.
2. See Seattle City Light drawing B-5704 (in Appendix) for reinforcing and misc. construction details.
3. If poured in place, reinforcing bar must be in place and inspected by City Light before concrete pour.
4. Chamfer slab edge and cable openings one inch (1") on all sides.
5. If used to service customer equipment, top of elbow must be below service entrance height at the customer equipment.
6. Install vapor barrier over or inside knockouts. Use 2" closed cell polystyrene board. This is intended to be readily available material such as used in the least expensive ice chests. Cut board to fit around conductors like a collar as necessary.
7. Install a 50-ft 250 kcmil concrete-encased electrode in the bottom of the duct bank.

Appendix. Seattle City Light Drawing B-5704



MICROFILMED

REV	DATE	MF	APP
DR	CK		
0	7/20/88		
MR	DC		
REV-0 HAS BEEN LOST			
	4/16/92		
AE	TT		

REDRAW & REVISE
 DIMENSIONS & LOCATIONS
 OF BLOCKOUT AREAS &
 INSERTS PER CONSTR.
 STD. U10-5.2 (REV. 3/91)

CITY OF SEATTLE	
CITY LIGHT DEPARTMENT	
DR A. EDENS	4/14/92
DATE	4/16/92
CK T. T.	APP T. TEEVIN
DSGN	DATE
CK	

STANDARDS GENERAL	
PAD MOUNTED SWITCHGEAR FOUNDATION	

CLASS	
S	
DRAWING NO.	
B-5704	
SCALE	REV. NO.
NOTED	I