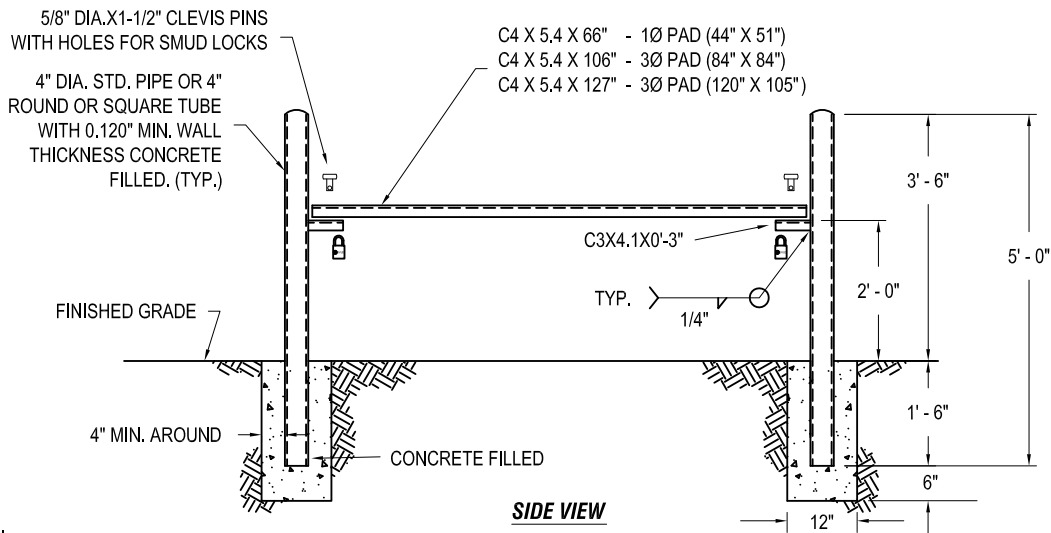



PLAN VIEW



SIDE VIEW

NOTES:

1. IF A BUILDING IS USED AS ANY PORTION OF THIS GUARD, THE TRANSFORMER PAD SHALL BE SO LOCATED THAT THE PAD SIDE OR SIDES ADJACENT TO THE SURFACE OF THE BUILDING SHALL HAVE A CLEARANCE OF NOT LESS THAN 3 FEET. THIS CLEARANCE MAY BE REDUCED TO 2 FEET IF THE BUILDING SURFACE IS NONCOMBUSTIBLE. TRANSFORMERS 750 kVA AND ABOVE CONTACT SMUD'S DISTRIBUTION LINE DESIGN DEPARTMENT FOR SPECIAL CLEARANCE REQUIREMENTS.
2. 8'-0" CLEARANCE SHALL BE PROVIDED IN FRONT OF UNIT TO PERMIT HOT STICK OPERATION.
3. BOLLARDS SHALL BE LOCATED BEHIND THE PAD AND ON BOTH SIDES OF THE PAD. BOLLARDS SHALL BE LOCATED AS SHOWN AND EQUALLY SPACED. THE MAXIMUM DISTANCE BETWEEN BOLLARDS SHALL BE FIVE FEET. THE MINIMUM QUANTITY OF BOLLARDS SHALL BE AS FOLLOWS: 5 FOR 1Ø PAD (44" X 51"), 6 FOR THE 3Ø PAD (84" X 84"), AND 8 FOR THE LARGER 3Ø PAD (105" X 120"). THESE QUANTITIES MAY BE REDUCED IF A BUILDING IS USED AS A PORTION OF THE GUARD. THERE SHALL ALSO BE A REMOVABLE BARRIER, LOCATED AS SHOWN, THAT CONSISTS OF TWO VERTICAL PIPES OR TUBES AND A HORIZONTAL CHANNEL AS SHOWN IN THE SIDE VIEW.
4. BOLLARDS SHALL BE INSTALLED AROUND OTHER PAD MOUNT DISTRICT EQUIPMENT WHEN THE EDGE OF THE EQUIPMENT IS LESS THAN FIVE FEET FROM VEHICULAR TRAFFIC, OR WHEN SMUD'S DISTRIBUTION LINE DESIGN DEPARTMENT DETERMINES THE EQUIPMENT MAY BECOME EXPOSED TO TRAFFIC.
5. ALL PIPE AND REMOVABLE BARRIER SHALL BE PAINTED BRIGHT YELLOW WITH A RUST RESISTIVE PAINT.

ENGR. SPEC. T007	CONSTRUCTION STANDARDS	REV: 8	
	<p align="center">PADMOUNTED TRANSFORMER GUARD PIPE BOLLARD TYPE WITH REMOVABLE BARRIER</p>	DATE: FEB 2015	DRAWING REFERENCE# UVD2.5 PAGE# C-40