

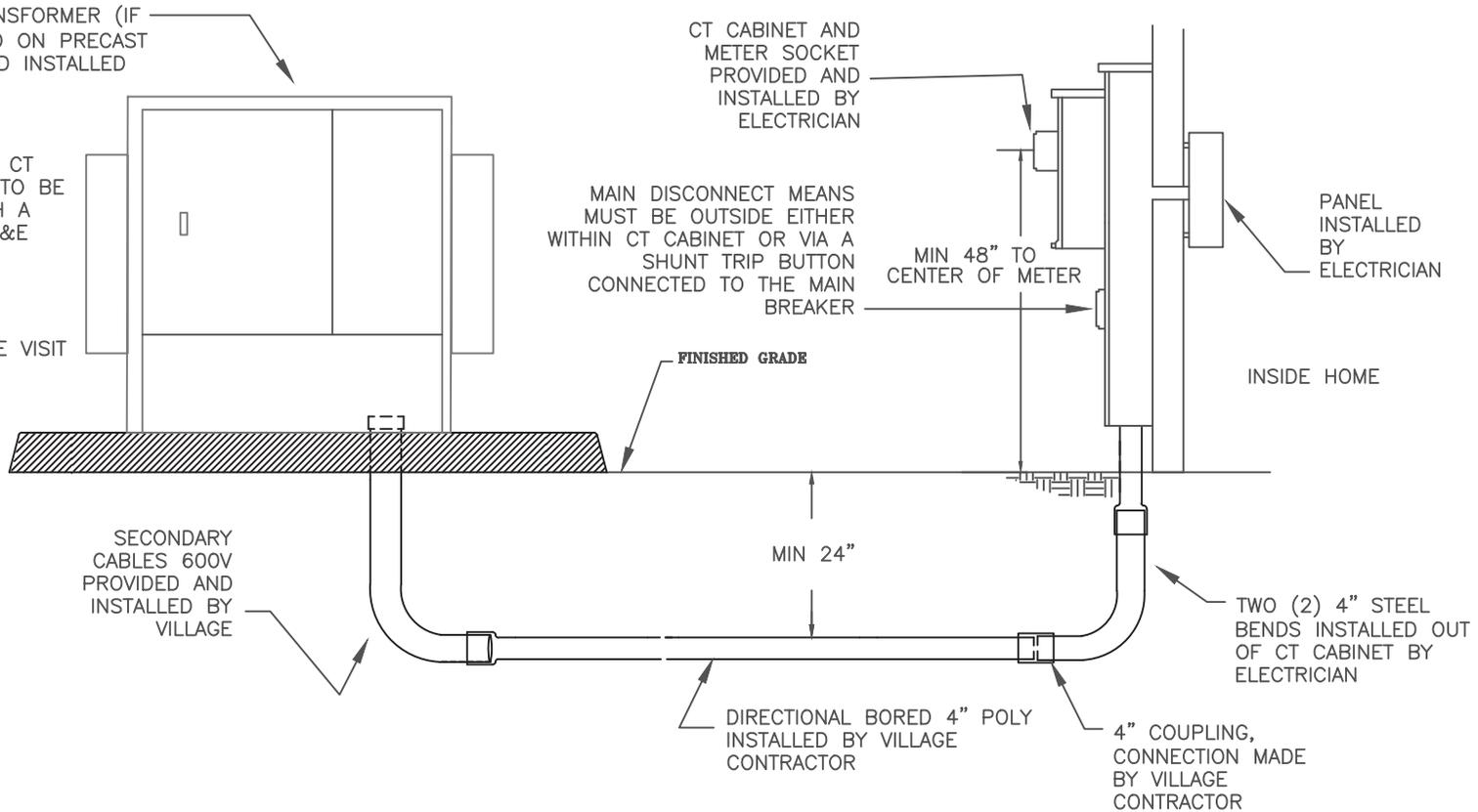
TYPICAL THREE PHASE SERVICE INSTALLATIONS

INSTALLATION ONE

THREE PHASE TRANSFORMER (IF NEEDED) INSTALLED ON PRECAST PAD. PROVIDED AND INSTALLED BY VILLAGE

TRANSFORMER AND CT CABINET LOCATION TO BE AGREED UPON WITH A MEMBER OF THE W&E DEPARTMENT

PLEASE CALL (847)-716-3553 TO ARRANGE A SITE VISIT



NOTES:

1. VILLAGE OPERATES AND MAINTAINS ELECTRIC CABLE FROM CT CABINET INTO MAIN PANEL AS WELL AS PRIMARY CABLE TO TRANSFORMER
2. CUSTOMER OWNS, OPERATES AND MAINTAINS ELECTRIC CABLE FROM CT CABINET INTO MAIN PANEL
3. W&E DEPARTMENT TO PROVIDE AND INSTALL INSTRUMENT TRANSFORMERS (CTs and PTs) AS WELL AS METER IN CABINET PROVIDED BY ELECTRICIAN



VILLAGE OF WINNETKA

WATER & ELECTRIC DEPARTMENT
1390 WILLOW RD.
WINNETKA, IL 60093
(847) 716-3558 tel. (847) 716-3599 fax.
www.villageofwinnetka.org

Project Number
Three Phase Installation - Style One

Drawn
NAS

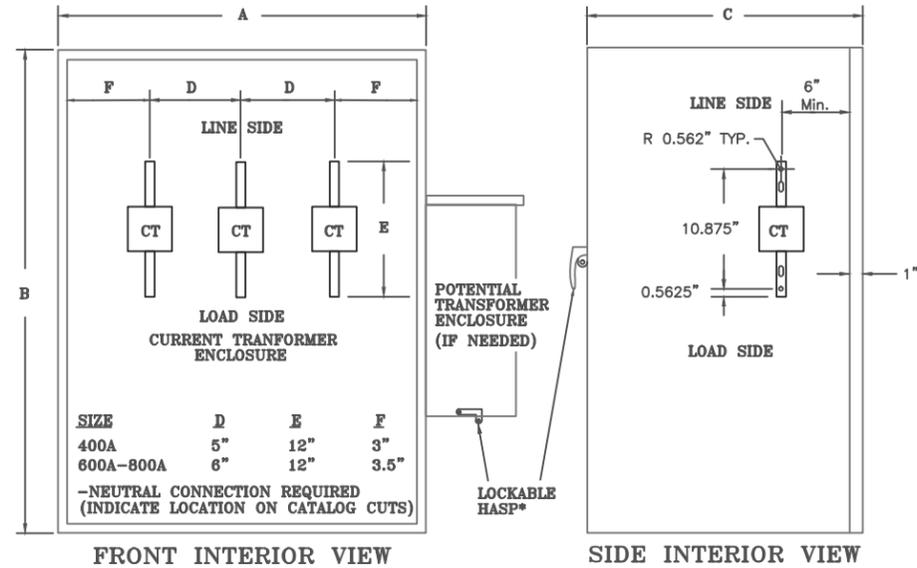
Sheet
Sheet 1

Scale
Not To Scale

Date
6/6/2017

Approved
BLK

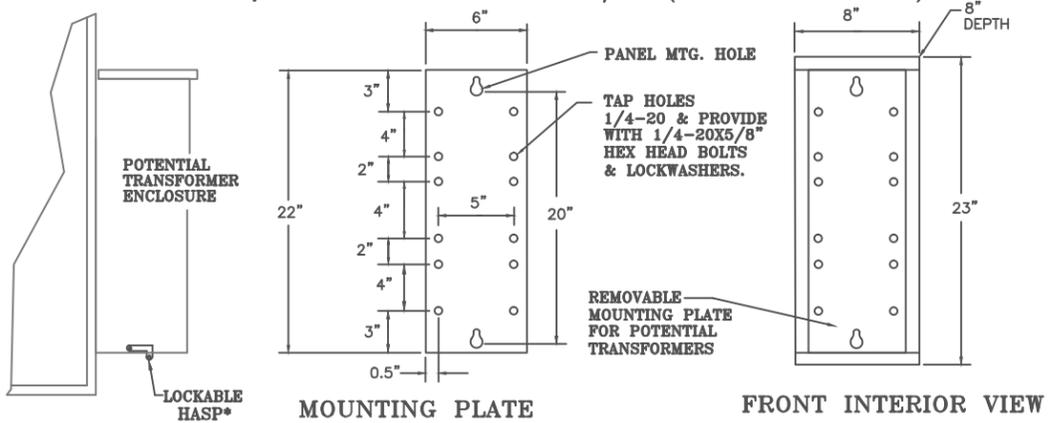
INSTRUMENT TRANSFORMER DIMENSIONS SPECIFICATION



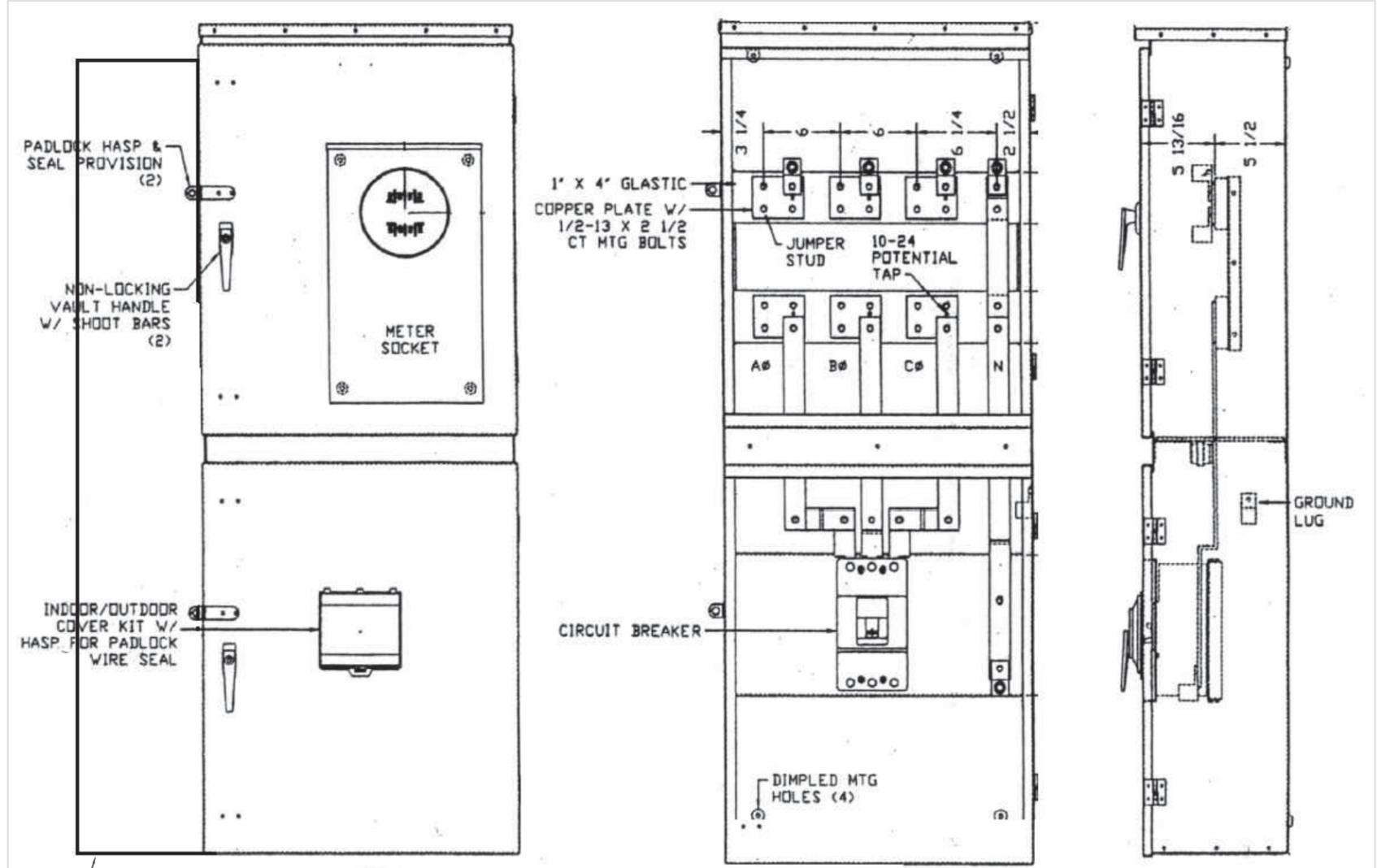
Single Phase Current Transformer Cabinet		A (Width)	B (Height)	C (Depth)
"TRUE" 400 A	2-CTs	24"	42"	11"
Three Phase Current Transformer Cabinet				
200 A - 600 A	3-CTs	24"	42"	11"
800 A and ABOVE	3-CTs	26"	42"	12"

*For W&E lock only - Enclosure not to be locked by customer. All accessible compartments with Service Entrance Cables must be lockable.

POTENTIAL TRANSFORMER ENCLOSURE
REQUIRED FOR SERVICE AT VOLTAGE 277/480V (VILLAGE TO PROVIDE PT'S)



EXAMPLE CT CABINET CUT SHEET



- NOTES:
- SUITABLE FOR 120/240V 3 WIRE SINGLE PHASE LESS B PHASE 480V 3 WIRE 3 PHASE LESS NEUTRAL, OR 120/208 OR 277/480V AS SHOWN
 - METER SOCKET & TEST SWITCH CAN BE MOUNTED ON FRONT OF CABINET DOOR.
 - SILVER PLATED COPPER.
 - ALL COPPER PLATES BOLT HOLES ARE TAPPED.

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Project Number Three Phase Service Installation	Drawn NAS
Sheet Sheet 2	Scale Not To Scale
Date 6/6/2017	Approved BLK