

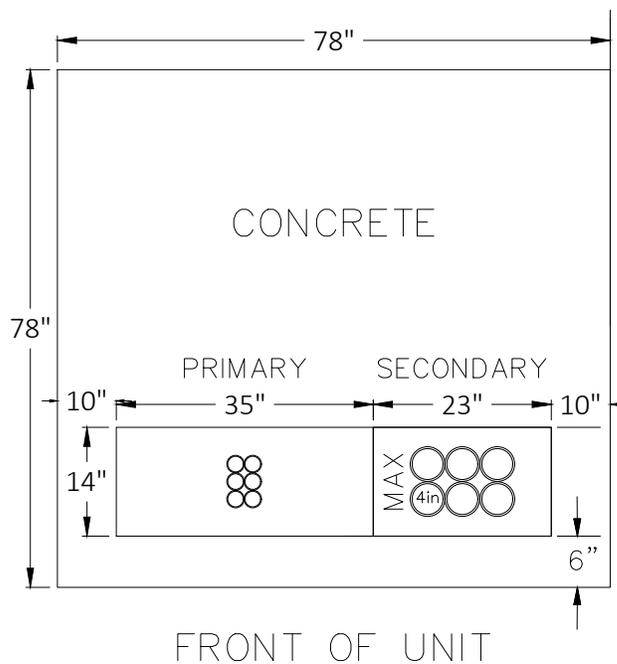
- (SCC) SECONDARY CONNECTION CABINET
- (CCR) CONCRETE CABLE RACEWAY
- (LPC) LONGMONT POWER AND COMMUNICATIONS

3PH TRANSFORMER  
75 - 225Kva

MAX# OF 4 INCH SECONDARY PVC = 6  
MAX# OF SECONDARY CONNECTIONS = 6  
MAX SIZE OF SECONDARY CABLE = 500cu  
CCR & SCC REQUIRED FOR 7+ CONNECTIONS  
REFER TO CCR DETAIL 700-20 & SCC DETAIL 700-21

3PH TRANSFORMER  
300 - 2500Kva

MAX# OF 4 INCH SECONDARY PVC = 6  
MAX# SECONDARY CONNECTIONS = 10  
MAX SIZE SECONDARY CABLE = 750cu  
CCR REQUIRED FOR 7 - 10 CONNECTIONS  
CCR & SCC REQUIRED FOR 11+ CONNECTIONS  
REFER TO CCR DETAIL 700-20 & SCC DETAIL 700-21



THE CUSTOMER SHALL FURNISH A LEVEL CONCRETE PAD IN ACCORDANCE WITH THE SPECIFICATIONS OUTLINED BELOW. THE PAD REMAINS THE PROPERTY OF THE CUSTOMER AND ANY DEFICIENCY IN THE PAD IS THE SOLE RESPONSIBILITY OF THE CUSTOMER TO REPAIR.

1. THE PAD AND ELECTRIC CONDUCTOR BLOCK OUT DIMENSIONS ARE INDICATED ON THE DRAWING.
2. THE PAD SHALL BE A MINIMUM OF 6" THICK, REINFORCED WITH WIRE MESH OR REBAR THROUGHOUT AND ABLE TO SUPPORT UP TO 17,000 LBS.
3. THE ELEVATION OF THE TOP OF THE PAD SHALL BE 4" ABOVE THE SURROUNDING FINISHED GRADE.
4. THE PAD SHALL BE INSTALLED LEVEL
5. COMPACTION BENEATH THE PAD MUST BE 95% OF STANDARD PROCTOR, ASTM D698, AT A PLUS OR MINUS 2% OPTIMUM MOISTURE CONTENT. TEST RESULTS SHALL BE PROVIDED TO THE LPC INSPECTOR.
6. TRANSFORMER LOCATIONS SHALL BE SURVEYED BY THE OWNER
7. ORIENTATION OF THE PAD/TRANSFORMER SHALL BE ESTABLISHED BY LPC
8. MINIMUM CLEARANCE REQUIREMENTS:
  - 8.1. 5' ON THE SIDES AND BACK OF THE PAD FROM SURROUNDING STRUCTURES;
  - 8.2. 5' ON THE SIDES AND BACK FROM LANDSCAPING, FENCES, ETC.
  - 8.3. 10' IN THE FRONT WHERE ACCESS DOORS ARE LOCATED
  - 8.4. 3' MINIMUM FROM A DRIVING SURFACE WITH THE USE OF BOLLARDS
  - 8.5. 5' FROM A DRIVING SURFACE BEHIND A CURB OR PROTECTIVE FEATURE
  - 8.6. 10' FROM A DRIVING SURFACE WHERE NO PROTECTIVE FEATURE IS PROPOSED
  - 8.7. MAXIMUM 15' MEASURED FROM THE CENTER OF THE UNIT TO A TRUCK RATED DRIVING SURFACE FOR LPC TRUCK/LIFTING ACCESS
9. FOR ADDITIONAL EQUIPMENT CLEARANCES REFERENCE DETAIL 700-02
10. FOR BOLLARD PROTECTION REFERENCE DETAIL 700-18

ELECTRIC SERVICES

CALL 1-800-922-1987 TO OBTAIN UTILITY LOCATES

NOT TO SCALE



CITY OF  
**LONGMONT**  
COLORADO

1100 S SHERMAN ST  
LONGMONT, CO 80501

## THREE PHASE TRANSFORMER PAD

PHONE: 303-651-8386  
FAX: 303-651-8796

Revision #:
Approved by:
Date Approved:
File: UG Drawings_2025
<b>DETAIL</b>
<b>700-10</b>