

1 25KVA TRANSFORMER
480V, 3Ø PRI- 120/208V, 3Ø, 4W
SECONDARY

2 1 #6 CU TO COLD WATER MAIN
& BUILDING STEEL STRUCTURE

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MAIN CIRCUIT BREAKER
NEMA 3R CABINET

METER

C.T. & P.T.
CABINET

400A CB

LPA
90A
3P

(4 #2 THHN CU) 1-1/4" C.

(3 #8 THHN CU) 3/4" C.

BOOSTER 1
15 H.P.

BOOSTER 2
15 H.P.

BOOSTER 3
75 H.P.

BOOSTER 4
10 H.P.

(3 #8 THHN CU) 3/4" C.

(3 #1/0 THHN CU) 1-1/2" C.

(3 #8 THHN CU)

400A BUS

(4 #500 KCMIL XHHW CU) 3-1/2" C.

#6 CU TO 5/8" X 8' GROUND ROD

#3/0 CU TO COLD WATER MAIN

MAIN DISTRIBUTION PANEL
SELF STANDING, CIRCUIT BREAKER
TYPE, 277/480V, 3Ø, 4W, (WYE)

PAD MOUNTED TRANSFORMER
FURNISHED, INSTALLED, AND
MAINTAINED BY IREA.
277/480V, 3Ø, 4W (WYE)
SECONDARY MOUNTED ON 6"
CONCRETE PAD PER IREA
SPECIFICATIONS

ONE LINE DIAGRAM

