ALL MATERIAL DIMENSIONS ARE HEIGHTS OF THE STANDARD ARE NORMAL UNLESS OTHERWISE INDICATED.

1. AT EACH LOCATION WHERE AN ELECTRIC TRANSMISSION DISTRIBUTION OR SUBSTATION LINE CROSSES A HIGHWAY, POWER, OR GAS PIPELINE, THE CONTRACTOR SHALL FURNISH AND INSTALL A GUARD CONFORMING TO ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE. THE GUARD SHALL BE CONNECTED AS A MINIMUM AT 1-1/2 TIMES THE HEIGHT OF THE MAJOR CROSSING. GUARDS SHALL BE CONNECTED TO EACH MILE WITH A MINIMUM OF NO STRONGER COPPER WIRE. THE GUARD SHRINK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

A. METAL POSTS SHALL BE INSTALLED IN A LOCATION OF EVERY 500 FT. ALONG A HIGHWAY POST IN POST HOLES OF 1 FT. DEEP AND 1 FT. IN LENGTH. THE GUARD SHALL BE ATTACHED TO EACH MILE WITH A MINIMUM OF NO STRONGER COPPER WIRE. THE GUARD SHRINK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE WORK.

2. GUARD POSTS ARE SPECIFIED EVERY FIFTH POST SHALL BE MADE, WHEN SPECIFIED ON THE PLAN.

3. GUARD POSTS ARE SPECIFIED EVERY FIFTH POST SHALL BE MADE, WHEN SPECIFIED ON THE PLAN.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF LOCATION OF THE GUARD HOLES IN THE GUARD POSTS WHERE SPECIFIED ON THE PLAN.

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GENERAL NOTES

- LINE POSTS:
  TYPE: 3" X 3" X 1-1/2 HT. W/IN_MTHER WITH CONCRETE LENGTH 6 1/2 FT. IN NORMAL CONCRETE.
  PIPES AREを得スキN 1.25 INCHES DIAMETER TO NEXT METER OF POST WEIGHT 0.07 LB.

- METAL END POSTS AND GATE POSTS:
  TYPE: 3" X 3" X 3" X 5/8 IN. STRUCTURAL ANGLES WEIGHS 5.5 LB. EACH.
  NUMBER OF BRACKETS: 6
  LENGTH: 6.6 FT. IN NORMAL PANEL GATE 7 FT. IN NORMAL.

- BRACKETS FOR CORNER END OF LINE CHAIN POSTS:
  TYPE: 2" X 2" X 3/8" X 6" IN. STRUCTURAL ANGLES WEIGHS 2.2 LB. EACH.
  LENGTH: 6.6 FT. IN NORMAL PANEL GATE 7 FT. IN NORMAL.
  FILLINGS IRON:
  CONCRETE SHALL BE A CLASS B.
  CONCRETE WITH LIQUIDITY AGENT SHEET SPECIFIED TO ADD TO W. 0.5 (ASTM C 330 WILL BE REQUIRED).

- ALTERNATIVE CONTACTORS OPTION:
  D.
  E.

- CHAIN POST:
  TYPE: 1-1/2 IN. TUBULAR STEEL W/ 5.5 LB. IN NORMAL, 6.6 FT. IN NORMAL.

- BRACKETS:
  TYPE: 2" X 2" X 3/8" X 6" IN. STRUCTURAL ANGLES WEIGHS 2.2 LB. EACH.
  LENGTH: 6.6 FT. IN NORMAL.

- GUARD POST:
  3" X 3" X 3" X 5/8 IN. TUBULAR STEEL BARRED GUARD SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- WIRE GUARD:
  TWO-STRAND STEEL BARRED GUARD SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- WIRE GUARD:
  TWO-WIRE GUARD:
  WIRE GUARD SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- STANDARD:
  TWO-WIRE GUARD FENCE, STYLE OF METER NO.
  6.6 FT. X 6.6 FT. X 6.6 FT.

- ALTERNATIVE:
  4 FT. X 4 FT. X 4 FT. X 4 FT.

- WIRE FENCES:
  TWO-WIRE GUARD FENCE SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- STEEL:
  TWO-WIRE GUARD FENCE SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- ALTERNATIVE:
  4 FT. X 4 FT. X 4 FT. X 4 FT.

- WIRE FENCES:
  TWO-WIRE GUARD FENCE SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- STEEL:
  TWO-WIRE GUARD FENCE SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

- ALTERNATIVE:
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- WIRE FENCES:
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- STEEL:
  TWO-WIRE GUARD FENCE SHOWN IN AUGUST W. 232, LARGEST 7.522, 1/2 OF W. 232, LARGEST 5.022, CONFORMING TO A 305 TYPE 1.

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