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| 1. | TITLE SHEET |
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| 4. | SCHOOL FLASHER MAST ARM AND POLAR DETAILS |
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| 16. | ILLUMINATED STREET NAME SIGN |
| 17. | BLANK-OUT REGULATOR/WARNING SIGN |
| 18. |  |
GENERAL NOTES

1. Confirm the presence of references in the diagram.
2. Verify the materials and types specified in the diagram.
3. Ensure the dimensions and tolerances are correct.
4. Confirm the installation sequence and order.
5. Check for any special instructions or notes provided in the diagram.
6. Review any additional requirements or clarifications in the diagram.
7. Confirm the compatibility of the components shown in the diagram.
8. Verify the compliance with local codes and standards.
9. Ensure the diagram is clear and legible for ease of comprehension.
10. Confirm the accuracy of the measurements and annotations.
11. Review the diagram for any potential errors or omissions.

FOOTING DETAILS

1. Elevation and slope considerations.
2. Material specifications for the footing.
3. Drainage requirements and considerations.
4. Trenching and excavation details.
5. Adequate support and stability for the footing.
6. Connection details for adjacent structures.
7. Additional notes on footing maintenance and care.

FOOTING NOTES

1. Ensure proper foundation depth and stability.
2. Verify the footings are properly supported and reinforced.
3. Confirm the footing materials meet the required specifications.
4. Ensure the footings are properly connected to the superstructure.
5. Verify the footings are properly sealed and waterproofed.
6. Confirm the footings are properly drained and ventilated.
7. Additional notes on footing durability and longevity.

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Span Wire Pole Detail

Typical Cable and Tether Installation

Teething Options

Detail "A"

GENERAL NOTES

CAST IN PLACE
Span Wire Pole Foundation

Typical Traffic Signal

Detail "C"

Detail "B"

Notes for Service Installation

Wire Brackets where shown shall be installed at the bottom of the signal pole. The signal pole shall be made of a minimum of 3/4" mild steel pipe, with a minimum thickness of 1/4". The signal pole shall be securely anchored to the concrete base plate. The concrete base plate shall be cast into the ground to provide a strong foundation for the signal pole. The signal pole shall have a diameter of at least 4" and a height of at least 10 feet. The signal pole shall be securely anchored to the concrete base plate using steel rods and concrete. The concrete base plate shall be cast into the ground to provide a strong foundation for the signal pole. The signal pole shall have a diameter of at least 4" and a height of at least 10 feet. The signal pole shall be securely anchored to the concrete base plate using steel rods and concrete.
**General Wiring Notes**

1. Pedestrian and vehicle signal heads are controlled by the signal control unit. The signal control unit provides the necessary power and control signals to the signal heads.

2. The signal heads are designed to be compatible with the signal control unit and other signal equipment.

**Mounting Notes (9-Section)**

For side-by-side signal heads:

- Use the proper mounting hardware specified by the manufacturer.
- Make sure the mounting points are secure and stable.

**Mounting Notes (9-Section or 5-Section)**

For in-line signal heads:

- Use the proper mounting hardware specified by the manufacturer.
- Make sure the mounting points are secure and stable.

**Diagram**

- The diagram shows the wiring diagram for the signal head.
- The wiring diagram includes all necessary connections and components.

**Notes**

- All signal heads must be connected to the signal control unit.
- The signal control unit must be properly grounded.
- The signal heads must be protected from weather and environmental conditions.

- The signal heads must be tested periodically to ensure proper operation.

- The signal control unit must be regularly maintained to ensure proper operation.

- The signal heads must be replaced when they are damaged or worn out.
### Pull Boxes

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<tr>
<th>ELECTRIC</th>
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### Pull Box Usage

- 12" x 12" pull box is used for:
  - Telephone demarcation
  - Communications pull box
  - Water valve
  - Traffic
  - Water valve pull box (see E of RBA)
  - Traffic
  - Power pole pull box
  - Cabinet hole, rim pull box
  - 12" x 12" pull box

### Typical Pull Box

1. Above crushed rock
2. Contour to extend a minimum of 1 ft above ground
3. Contour to extend a minimum of 1 ft above ground
4. Contour to extend a minimum of 1 ft above ground
5. Contour to extend a minimum of 1 ft above ground
6. Contour to extend a minimum of 1 ft above ground
7. Contour to extend a minimum of 1 ft above ground
8. Contour to extend a minimum of 1 ft above ground
9. Contour to extend a minimum of 1 ft above ground
10. Contour to extend a minimum of 1 ft above ground

### Standard Signal Details

- Standard pull box
- Service load (minimum) of 2,000 lbs over 1 ft square

### Fiberglass Reinforced Polymer Concrete Design

- Two boxes
- Box
- 1" Radius
- Min 3"
- Pull slots
- Cover
- Hex bolt
- W/ Washer
- 3/8-16NC

### Diagram

- Diagram showing pull box setup with dimensions and components.
GENERAL NOTES

1. Housing and support shall be of stainless steel.

2. Light source shall be readily accessible.

3. Optional switches shall be provided in accordance with current NFPA requirements.

4. Covers shall be installed to prevent damage to the face of the sign.

5. Face shall be accessible to public.

NOTES

1. Sign color for access shall be determined by engineers.

2. Sign color for direction shall be determined by engineers.

3. Sign color for warning shall be determined by engineers.

SIGN NOTES

1. Sign may be single-sided or double-sided per engineer.

2. Sign color, legend and size per engineer’s direction.