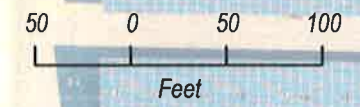


Baring Blvd Safety Project



Reed High School

Baring Village Shopping Center

BARING BLVD

SORENSEN WAY

Install Type 5 Electrical Pullbox

(2) - 3" Electrical Conduit

Install Meter Pedestal 100 Amp

Remove Yield Striping

R & R Driveway

Remove Yield Striping

Install Type 5 Electrical Pullbox

R & R Landscape (TYP.)

R & R Driveway

Remove Yield Striping

Install (2) - 3" Electrical Conduit

Remove Crosswalk Striping & Signing (Both Directions)

Install Type 5 Electrical Pullbox

Install RRFB System
Signing (Side & Overhead)
RRFB (Side & Overhead)
Type 35 Pole
Mast Arm
20 LUX LED Light Fixture
Pedestrian Push Button

Remove Yield Striping

R & R Crosswalk Striping

Install RRFB System
Signing (Side & Overhead)
RRFB (Side & Overhead)
Type 35 Pole
Mast Arm
20 LUX LED Light Fixture
Pedestrian Push Button

Gate to be locked by WCSD

Remove Ramp
Replace C & G, Sidewalk

Remove Yield Striping

Remove Crosswalk Striping & Signing (Both Directions)

Install Type 5 Electrical Pullbox

(2) - 3" Electrical Conduit

Install Type 5 Electrical Pullbox

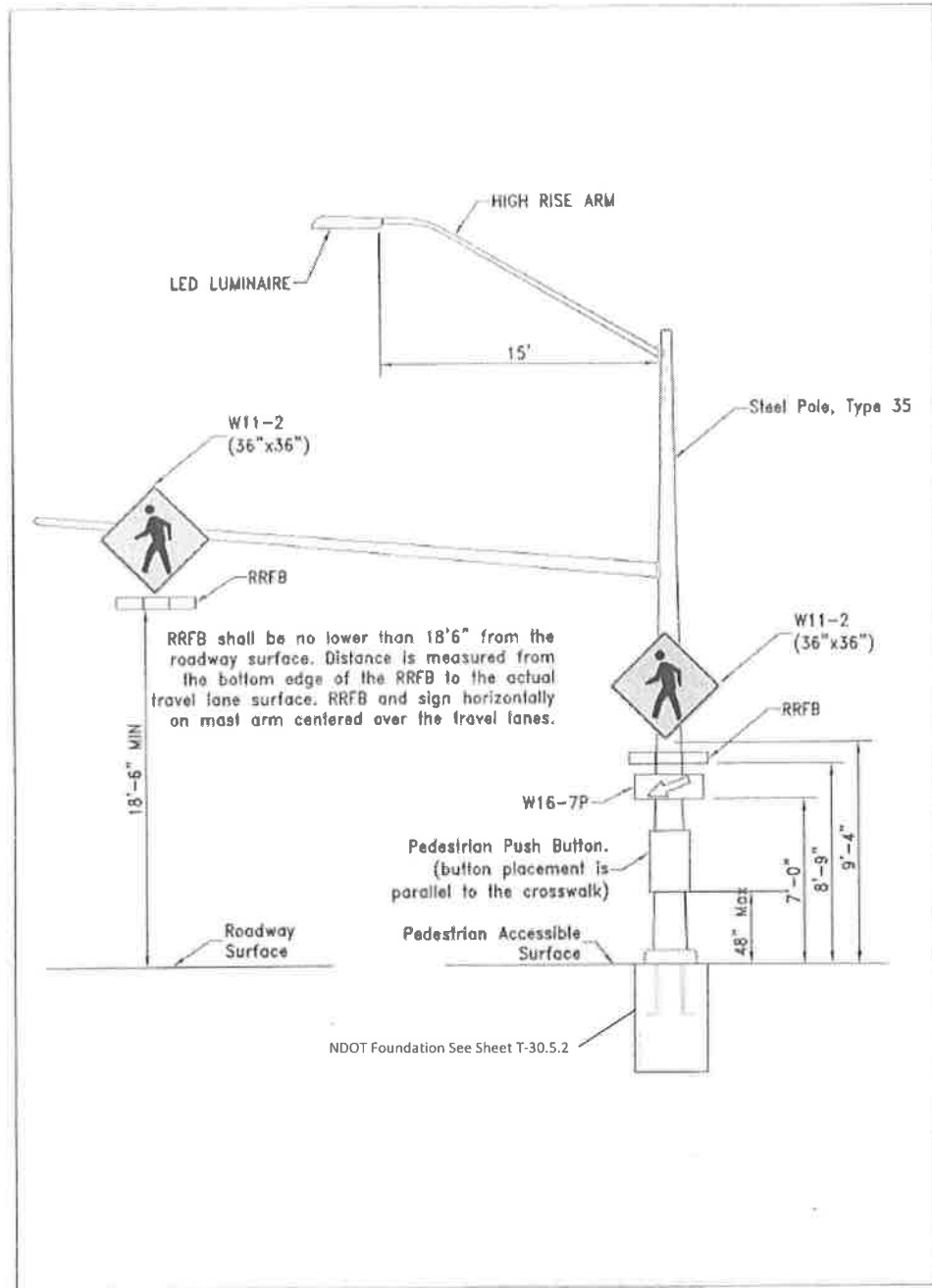
Install RRFB System
Signing (Side & Overhead)
RRFB (Side & Overhead)
Type 35 Pole
Mast Arm
20 LUX LED Light Fixture
Pedestrian Push Button

Install RRFB System
Signing (Side & Overhead)
RRFB (Side & Overhead)
Type 35 Pole
Mast Arm
20 LUX LED Light Fixture
Pedestrian Push Button

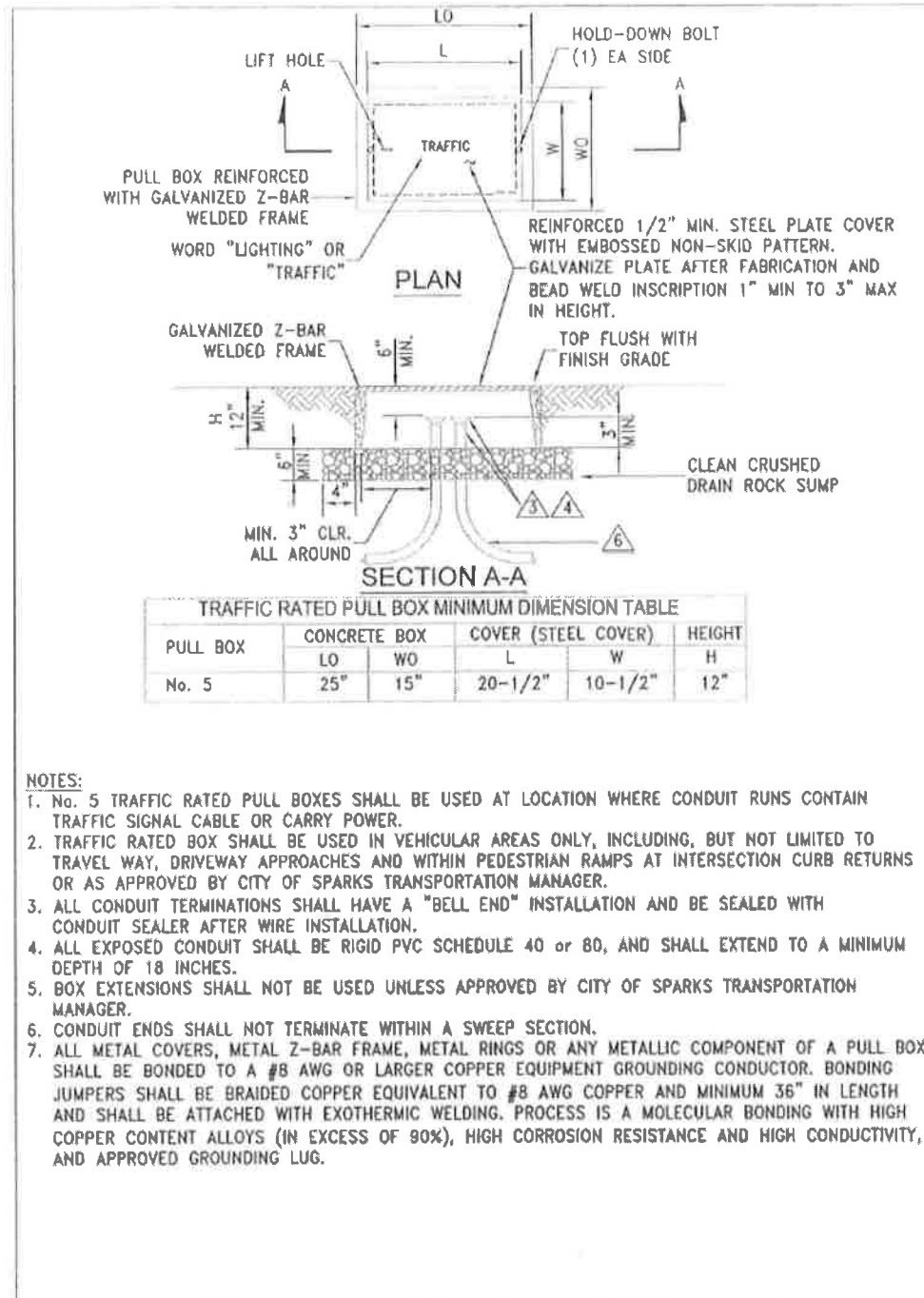
R & R Crosswalk Striping

Install (2) - 3" Electrical Conduit

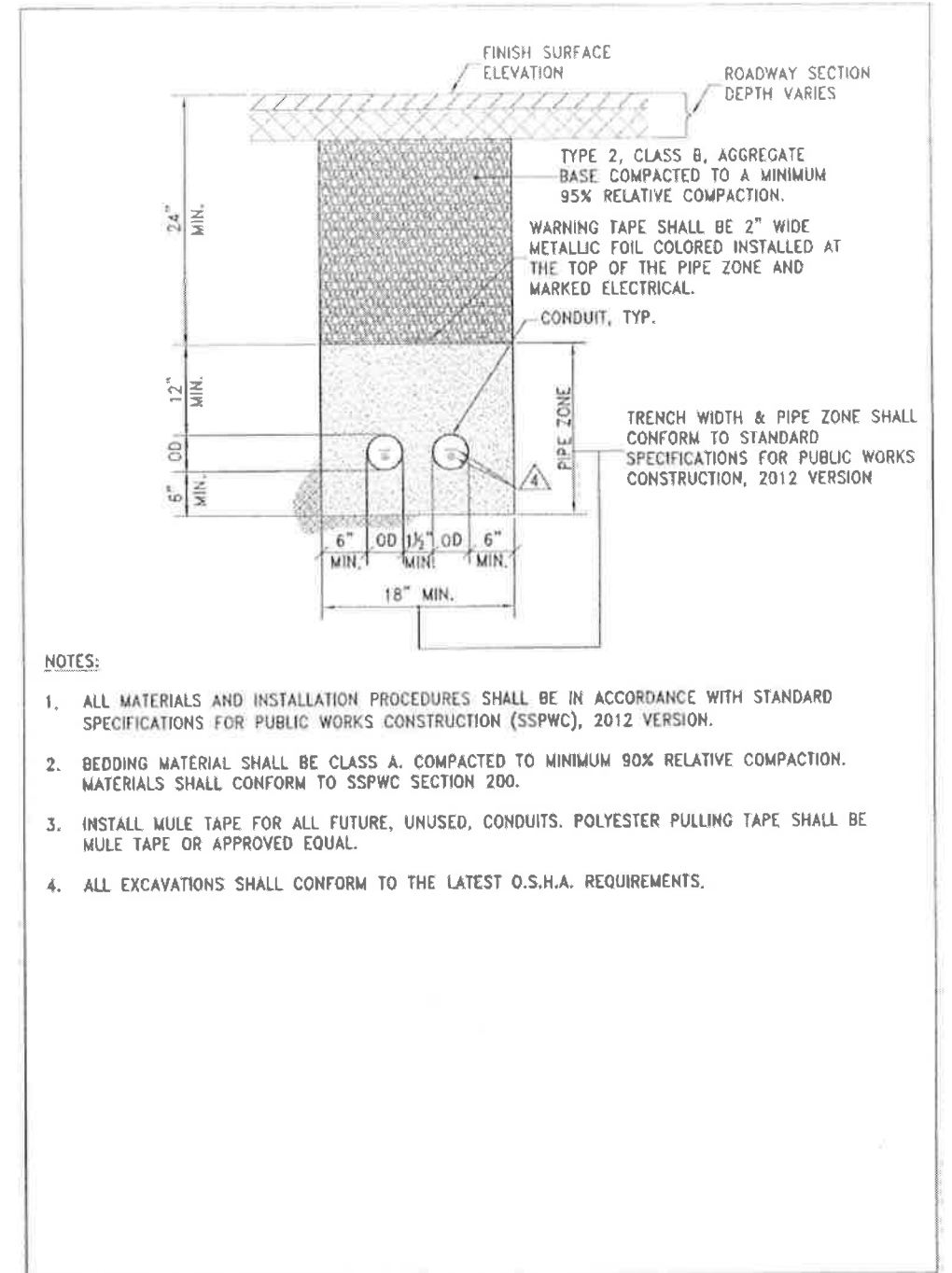
Install RRFB System
Signing (Side & Overhead)
RRFB (Side & Overhead)
Type 35 Pole
Mast Arm
20 LUX LED Light Fixture
Pedestrian Push Button



RRFB Detail



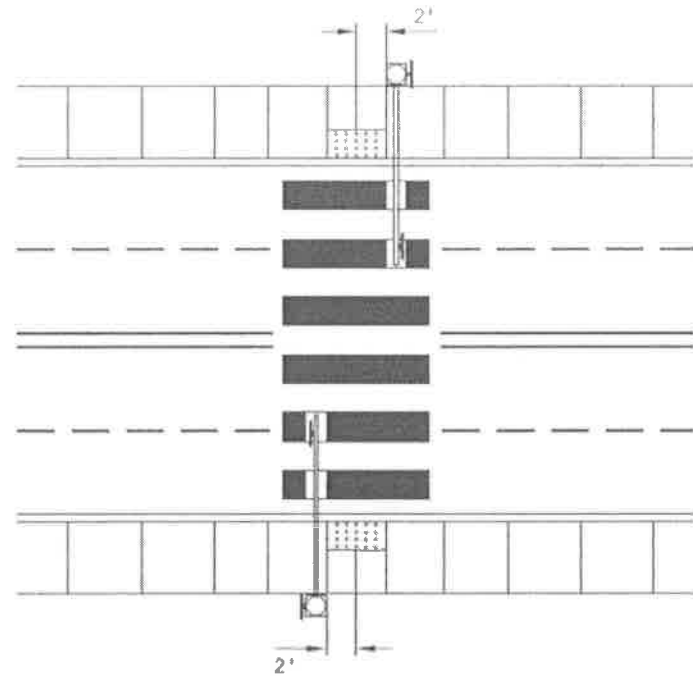
Pull Box Detail



Trenching Detail

NOTES:

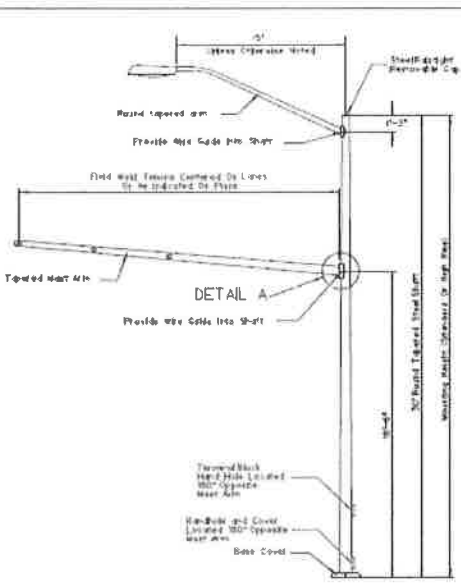
1. Locate RRFB vertically on mast arm no lower than 18 feet 6 inches from the roadway surface. Distance is measured from the bottom edge of the RRFB to the actual travel lane surface. Locate RRFB and sign horizontally on mast arm centered over the travel lanes.
2. RRFB must include a pedestrian indication side flasher that faces crosswalk.
3. See sheet T-31.5.2 for connection and base plate details.
4. See sheet T-30.5.2 for foundation details.
5. Install push button on side of pole facing pedestrian ramp.



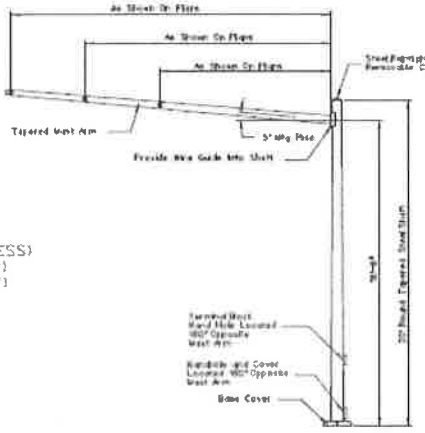
RRFB Placement Detail



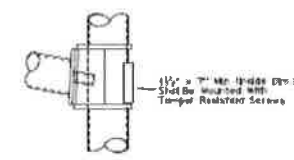
Pedestrian Push Button Detail



- NOTES:**
1. DESIGN SPECIFICATIONS: AASHTO Standard Specifications for Standard Supports for Highway Signs, Luminaires, and Traffic Signals, 19th Edition, 2003 and Interim Revisions through 2011.
 2. LOADING: A. Wind Impulse Factor, $I = 1.0$
B. Recurrence Interval = 50 years
C. Wind Speed = 90 mph
D. Ice Load = 5 psf
E. Fatigue Design Loads specified in Chapter 11 are not required.
 3. Shop drawings and structural calculations shall be submitted and approved prior to fabrication.
 4. If indicated in the plans, all poles shall be prime painted by manufacturer and then painted by the contractor, Section 714.
 5. The distance from the roadway surface to the bottom of the mast arm supports shall be 17 feet.
 6. Cold galvanize all field welds.
 7. For pole foundation see sheet T-315.2.
 8. For additional details see sheet T-315.3.



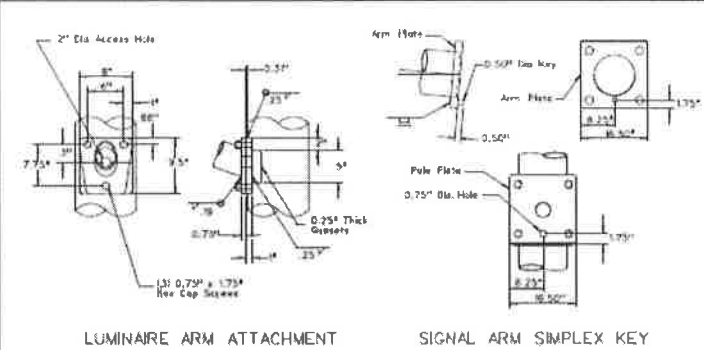
POLE TYPE 35 (MAST ARMS 45' AND LESS)
POLE TYPE 35-A (MAST ARMS 50' TO 60')
POLE TYPE 35-B (MAST ARMS 65' TO 85')



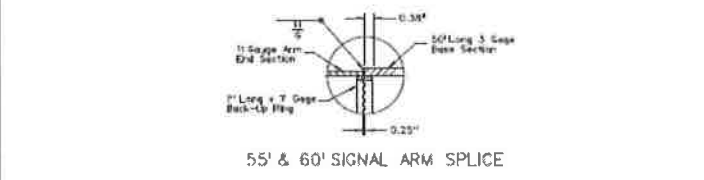
DETAIL A
HANDHOLE AND COVER
LOCATED 180° OPPOSITE MAST ARM

POLE TYPE 30 (MAST ARMS 45' AND LESS)
POLE TYPE 30-A (MAST ARMS 50' TO 60')
POLE TYPE 30-B (MAST ARMS 65' TO 85')

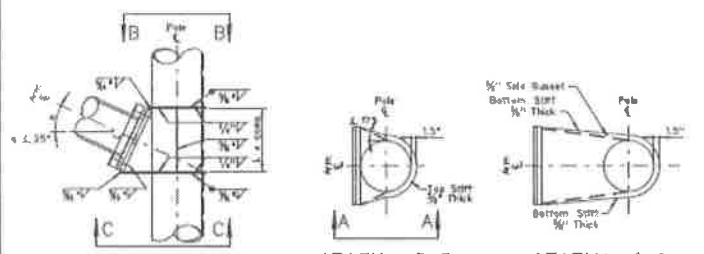
STATE OF NEVADA DEPARTMENT OF TRANSPORTATION		
TYPE 30, 30A AND 30B TYPE 35, 35A AND 35B POLES		
T-315.1	10/23	Signet Original On File
REVISED	REVISED	CHEF TRAFFIC OPS ENGR.



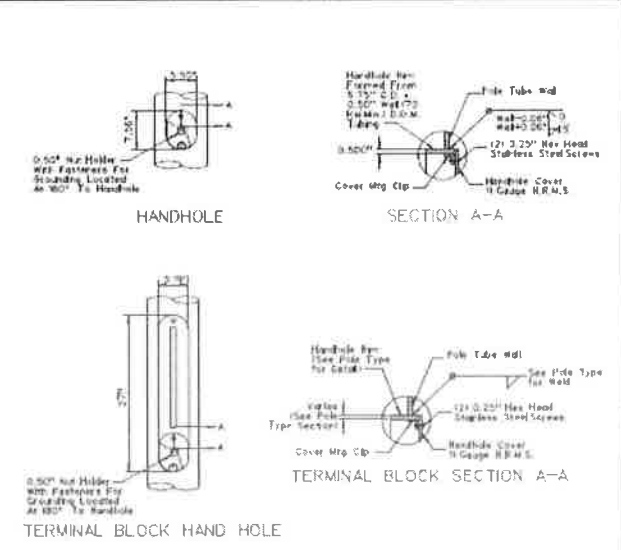
LUMINAIRE ARM ATTACHMENT SIGNAL ARM SIMPLEX KEY



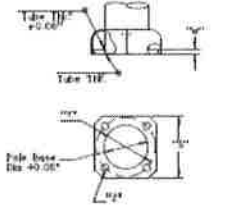
55' & 60' SIGNAL ARM SPLICE



VIEW A-A SIGNAL ARM CONNECTION SECTION B-B SIGNAL ARM ATTACHMENT SECTION C-C SIGNAL ARM ATTACHMENT

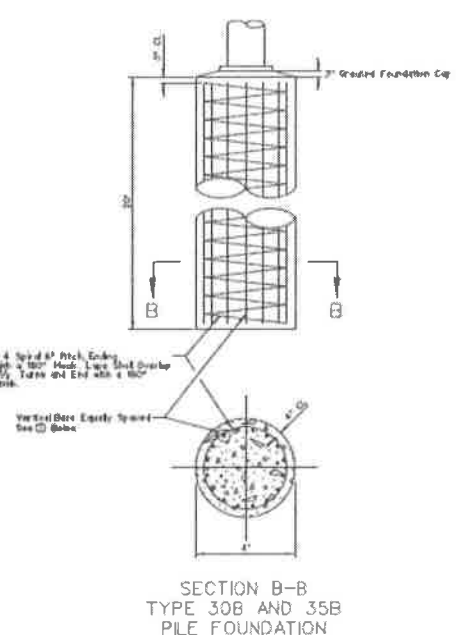


HANDHOLE TERMINAL BLOCK HAND HOLE

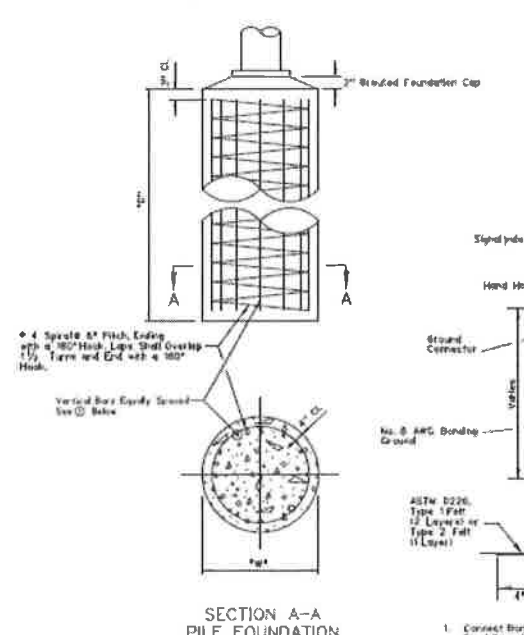


TYPE	SQUARE SIZE	SOLET THICK	THK	HOLE
30 & 35	12"	1/2"	1/2"	2"
30A & 35A	18"	1/2"	1/2"	2 1/2"
30B & 35B	24"	3/4"	3/4"	2 1/2"

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION		
TYPE 30, 30A AND 30B TYPE 35, 35A AND 35B DETAILS		
T-315.2	10/23	Signet Original On File
REVISED	REVISED	CHEF TRAFFIC OPS ENGR.

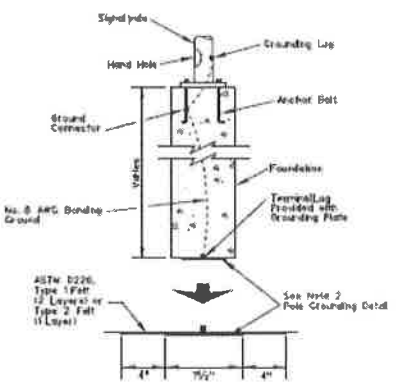


SECTION B-B
TYPE 30B AND 35B
PILE FOUNDATION



SECTION A-A
PILE FOUNDATION

- NOTES:**
1. All dimensions are minimal.
 2. Rubber tapes shall be used after application.
 3. When PVC tape is used as a final layer, paint finished splice with electroinsulating coating.
 4. Concrete shall be Class A or AA.



- POLE GROUNDING DETAIL**
1. Connect bonding wire to the reinforcing steel cage head the midpoint of the foundation or within 10".
 2. Ground plate shall be made of nonferrous material (copper or copper) grounding plate ground resistance shall not exceed 100 ohms. Additional grounding as needed. Supply field grounding test results to Engineer.

POLE TYPE	MAST ARM LENGTH	WPTD	ANCHOR BOLTS (6 EACH)
30 & 35	N/A	3"	3/4" x 10" x 4"
7	ALL	5"	3/4" x 10" x 4"
ALL	ALL	5"	3/4" x 10" x 4"
Steel Post, 20 ft	N/A	See Sheet T-315.3	See Sheet T-315.3
Steel Post, 30 ft	N/A	See Sheet T-315.3	See Sheet T-315.3
50 and 35	50'	12"	3/4" x 10" x 4"
30A and 35A	60'	12"	3/4" x 10" x 4"
30B and 35B	85'	12"	3/4" x 10" x 4"

STATE OF NEVADA DEPARTMENT OF TRANSPORTATION		
PILE FOUNDATION, POLE GROUNDING DETAIL, CONDUCTOR SPLICE METHODS		
T-315.2	10/23	Signet Original On File
REVISED	REVISED	CHEF TRAFFIC OPS ENGR.

