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<th>SHEET NUMBER(S)</th>
<th>NATURE OF CHANGE</th>
<th>APPROVAL DATE</th>
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<tr>
<td>404.409 Base Adaptor Plate...</td>
<td>1 &amp; 2</td>
<td>Revised to be consistent with Volume I.</td>
<td>2/11/93</td>
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<tr>
<td>404.1013 Signal Assemblies A-6T</td>
<td>1</td>
<td>Revised to meet arrow indication policy adopted by RTC.</td>
<td>2/11/93</td>
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<td>404.1015 Signal Assemblies A-8T, A-9T</td>
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<td>404.1016 Signal Assemblies A-10T, A-11T</td>
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<td>404.1017 Signal Assemblies A-12T, A-13T</td>
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<td>404.1023 Mast Arm Signal Assemblies M-3, M-2</td>
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<td>404.1024 Signal Assemblies B-1T, B-2T, B-3T</td>
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<tr>
<td>404.1025 Signal Assemblies B-5T, B-6T</td>
<td>1</td>
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<tr>
<td>404.1028 Signal Assemblies B-12T, B-13T</td>
<td>1</td>
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<tr>
<td>404.415 Type III Pole with Illumin. Street Name Sign</td>
<td>1</td>
<td>Revised dimension between pole and sign.</td>
<td>3/11/93</td>
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<tr>
<td>404.204 Type &quot;D&quot; Foundation</td>
<td>2</td>
<td>Revised to show foundation &quot;crash cap&quot;.</td>
<td>7/8/93</td>
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<tr>
<td>404.205 Type &quot;E&quot; Foundation</td>
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<td>---------------</td>
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<tr>
<td>404.206 Type &quot;F&quot; Foundation</td>
<td>1</td>
<td>Revised to show foundation &quot;crash cap&quot;.</td>
<td>7/8/93</td>
</tr>
<tr>
<td>404.207 Type &quot;G&quot; Foundation</td>
<td>1</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>404.208 Type &quot;H&quot; Foundation</td>
<td>1</td>
<td>&quot;</td>
<td>&quot;</td>
</tr>
<tr>
<td>404.209 Type &quot;L&quot; Foundation</td>
<td>1</td>
<td>&quot;</td>
<td>&quot;</td>
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<tr>
<td>404.406 Type XX-30'-0&quot; Signal and Luminaire Pole</td>
<td>1</td>
<td>Added luminaire arm data table; changed luminaire to cut-off type.</td>
<td>&quot;</td>
</tr>
<tr>
<td>404.406 Type XX-30'-0&quot; Signal and Lumin. Pole Details</td>
<td>2</td>
<td>Dimension corrections.</td>
<td>&quot;</td>
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<tr>
<td>404.406 Type XX-A-30'-0&quot; Signal and Luminaire Pole</td>
<td>3</td>
<td>Added luminaire arm data table; changed luminaire to cut-off type.</td>
<td>&quot;</td>
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<tr>
<td>404.406 Type XX-A-30'-0&quot; Signal and Lumin. Pole Details</td>
<td>4</td>
<td>Dimension corrections.</td>
<td>&quot;</td>
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<tr>
<td>404.406 Loading Information</td>
<td>5</td>
<td>Pole loadings revised to typical &quot;worst case&quot; loading.</td>
<td>&quot;</td>
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<tr>
<td>404.1300 Pole Location &amp; Signal Mounting at Intersection</td>
<td>1</td>
<td>Sidewalk ramp position shown; allow use of Type 1-B Pole also.</td>
<td>&quot;</td>
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<tr>
<td>404.1300 Pole Location... (Center of Return)</td>
<td>2</td>
<td>Moved signal pole out of &quot;ramp&quot; area.</td>
<td>&quot;</td>
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<tr>
<td>404.1301 Pole Location...Right Turn Islands</td>
<td>1</td>
<td>Added ADA compliance note.</td>
<td>&quot;</td>
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<tr>
<td>404.1302 Future Pole Location (Except...Las Vegas)</td>
<td>1</td>
<td>Retitled as &quot;Case I&quot; Sheet 1 of 2.</td>
<td>&quot;</td>
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<tr>
<td>404.1305 Future Pole Location (City of Las Vegas)</td>
<td>1</td>
<td>Renumbered to 404.1302 Sheet 2 of 2; Retitled &quot;Case II&quot;; no longer just for CLV; clarified wheelchair clearance note.</td>
<td>&quot;</td>
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<tr>
<td>404.1019 Signal Assemblies A-16T</td>
<td>1</td>
<td>Note added to allow optional louvering of RYG ball indications.</td>
<td>5/12/94</td>
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<tr>
<td>404.1027 Signal Assemblies B-10, B-11T</td>
<td>1</td>
<td>Note added to allow optional louvering of RYG ball indications.</td>
<td>5/12/94</td>
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<tr>
<td>404.1029 Signal Assemblies B-14T</td>
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<tr>
<td>404.1030 Protected/Permissive M-5 Signal Heads</td>
<td>1</td>
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<td>&quot;</td>
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<tr>
<td>404.1031 Protected/Permissive M-5 Signal Heads</td>
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</table>

Released July 1995
FOREWORD

UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS' CONSTRUCTION,
OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA
VOLUME II

Regional Transportation Commission
Adoption By Commission Action
April 8, 1992

The Uniform Standard Drawings for Public Works Construction may be revised by issuance of
revisions or supplements to correct errors and omissions found in these drawings and to reflect
advanced thinking and the changing technology of the construction industry. Each revision will
supersede any previous pertinent drawing. This volume contains revisions made thru July 1995.

To implement this end a Specifications Committee has been established as a permanent organization
to continually study and recommend changes to the standard drawings. Interested parties may
address suggested changes and questions to the Regional Transportation Commission, 301 East
Clark Avenue, Suite 300, Las Vegas, Nevada, 89101.
UNIFORM STANDARD DRAWINGS, CLARK COUNTY AREA

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CONTINUED

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#### DRAWING NUMBER

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<td>Multiple Loop System for Left Turn Pocket</td>
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<td>404.828</td>
<td>Type &quot;Quadrupole&quot; Loop Installation</td>
</tr>
<tr>
<td>404.829</td>
<td>Wire Diagram for Multiple Loop System for Left Turn Pocket</td>
</tr>
<tr>
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<td>Circular Induction Loops for Travel Lanes</td>
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<td>404.851</td>
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<tr>
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<td>Louvered Backplate for Mast Arm Mounted Signal</td>
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<tr>
<td>404.901</td>
<td>Louvered Backplate for Pole Mounted Signal</td>
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<tr>
<td>404.902</td>
<td>Louvered Backplate for 5 Section Signal Head</td>
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<tr>
<td>404.903</td>
<td>Louvered Backplate for 5 Section Signal Head</td>
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<td>404.1005</td>
<td>Bill of Materials Signal-Assemblies</td>
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<td>A-4T, A-5T</td>
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<td>404.1013</td>
<td>A-6T</td>
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<td>404.1015</td>
<td>A-8T, A-9T</td>
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<td>404.1016</td>
<td>A-10T, A-11T</td>
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<td>404.1017</td>
<td>A-12T, A-13T</td>
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<td>404.1018</td>
<td>A-14T, A-15T</td>
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<td>404.1019</td>
<td>A-16T</td>
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<td>404.1020</td>
<td>A-17T</td>
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#### MAST ARM SIGNAL ASSEMBLIES

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<tr>
<td>404.1022</td>
<td>M-2A, M-3A</td>
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<tr>
<td>404.1023</td>
<td>M-3, M-2</td>
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DRAWING NUMBER

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Released July 1995
NOTES:
1. ANCHOR BOLTS SHALL BE GALVANIZED STEEL WITH NUT AND WASHER.

USE TEMPLATE PROVIDED BY MFR.

USE TEMPLATE PROVIDED BY MFR.

GROUND WIRE NO. 4 BARE COPPER 3/8" ABOVE FOUNDATION, GROUND WIRE TO GROUNDING NUT OPPOSITE HANDHOLE.

FOUNDATION "CRASH CAP" 4" MIN-8" MAX. CONCRETE CAP

2" CONDUIT

GROUND CONNECTOR

44" MIN.

2" CONDUIT

6"X6" WIRE MESH 10 GA.

2-5/8" MESH HEIGHT

36" DIA. CONCRETE BASE

150 FELT (2 LAYERS)

STD. GROUND PLATE

SPECIFICATION REFERENCE
623G.03.08 FOUNDATION

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

TYPE "E" FOUNDATION

DATE 7-8-93 | DWG. NO. 404.205 | SHEET 1 OF 1
NOTES:
1. ANCHOR BOLTS SHALL BE GALVANIZED STEEL WITH NUT AND WASHER.

USE TEMPLATE PROVIDED BY MFR.

GROUND WIRE NO. 4 BARE COPPER 3' ABOVE FOUNDATION GROUND WIRE TO GROUNDING NUT OPPOSITE HANDBORE.

FOUNDATION "CRASH CAP" 4" MIN-6" MAX, CONCRETE CAP

GROUND CONNECTOR

44" MIN.

2' CONDUIT

2' CONDUIT

6'X8' WIRE MESH 10 GA.

35' DIA. CONCRETE BASE

15# FELT (2 LAYERS)

STD. GROUND PLATE

SPECIFICATION REFERENCE
823G.03.08 FOUNDATION

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

TYPE "F" FOUNDATION

DATE 7-8-93 DWG. NO. 404-208 SHEET 1 OF 1
NOTES:
1. ANCHOR BOLTS SHALL BE GALVANIZED STEEL WITH NUT AND WASHER.

USE TEMPLATE PROVIDED BY MFR.

GROUND WIRE NO. 4 BARE COPPER 3' ABOVE FOUNDATION GROUND WIRE TO GROUNDING NUT OPPOSITE HANDHOLE.

FOUNDATION "CRASH CAP" 4" MIN-6" MAX. CONCRETE CAP

GOUND CONNECTOR

2" CONDUIT

3" MESH HEIGHT

6"X6" WIRE MESH 10 GA.

15# FELT (2 LAYERS)

STD. GROUND PLATE

36" DIA. CONCRETE BASE

SPECIFICATION REFERENCE
623G.03.06 FOUNDATION

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

TYPE "G" FOUNDATION

DATE 7-8-93 | DWG. NO. 404.207 | SHEET 1 OF 1
NOTES:
1. ANCHOR BOLTS SHALL BE GALVANIZED STEEL WITH NUT AND WASHER.
NOTES:
1. ANCHOR BOLTS SHALL BE GALVANIZED STEEL WITH NUT AND WASHER.
2. ANCHOR BOLT MINIMUM YIELD STRENGTH Fy = 50 KSI.
3. SURROUNDING SOIL MUST HAVE SOIL-BEARING PRESSURE S1 OF 1200 PSF.

GROUND WIRE NO. 4 BARE COPPER 3½ ABOVE FOUNDATION GROUND WIRE TO GROUNDING NUT OPPOSITE HANDHOLE.

2" CONDUIT

44" MIN.

2" CLG. (TYP.)

12 - #7 BARS 17- 6" LONG EQUALLY SPACED

USE TEMPLATE PROVIDED BY MFR.

GROUND CONNECTOR

2" X 6" X 6" BOLTS FOUNDATION "CRASH CAP"

4" MIN-6" MAX. CONCRETE CAP

36" DIA. CONCRETE BASE

15# FELT (2 LAYERS)

STD. GROUND PLATE

10" MESH HEIGHT

10 GA. 6"X6" WIRE MESH OR #4 BAR 6"X6" SPACING

#4 BAR 2"X2" SPACING, TOP 14" MIN.

36" DIA. CONCRETE BASE

TYPES "L" FOUNDATION

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

623G.03.06 FOUNDATION

DATE 7-8-93  DWG. NO. 404.209  SHEET 1 OF 1
LUMINAIRE MOUNTING HEIGHT MEASURED TO CENTER OF END OF MAST ARM

<table>
<thead>
<tr>
<th>ARM SPAN 'L' (FT)</th>
<th>FIXED END DIA. (IN)</th>
<th>FREE END DIA. (IN)</th>
<th>GAUGE</th>
<th>LUMINAIRE MOUNTING HEIGHT</th>
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<tbody>
<tr>
<td>9</td>
<td>3.42</td>
<td>2.38</td>
<td>11</td>
<td>32'-0&quot;</td>
</tr>
<tr>
<td>8</td>
<td>3.75</td>
<td>2.38</td>
<td>11</td>
<td>33'-3&quot;</td>
</tr>
<tr>
<td>10</td>
<td>4.18</td>
<td>2.38</td>
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<td>36'-0&quot;</td>
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<td>12</td>
<td>4.52</td>
<td>2.38</td>
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<td>36'-8&quot;</td>
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<tr>
<td>15</td>
<td>4.85</td>
<td>2.38</td>
<td>11</td>
<td>37'-0&quot;</td>
</tr>
</tbody>
</table>

NOTES:
1. ALL BIDDERS SHALL PROVIDE SHOP DRAWINGS THAT EXPLICITLY MEET THE DESIGN PRIOR TO BIDDING.
2. ALL POLES TO BE GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS.
3. HANDBOLES COVERS SHALL BE MOUNTED WITH TAMPER-RESISTANT SCREWS.
4. PEDESTRIAN PUSH BUTTON SHALL NOT BE LOCATED MORE THAN 24" FROM THE BACK OF WALK. IF DISTANCE FROM BACK OF WALK TO PUSH BUTTON IS 20" TO 24", THE BUTTON SHALL BE LOCATED A MAXIMUM OF 44" FROM THE SURFACE OF THE WALK; OTHERWISE THE HEIGHT SHALL BE 48".

POLES DESIGNED PER SPECIFICATION AT A.A.S.H.T.O., 80 MPH WINDS.
(SEE DRAWING NO. 404.406 SHEET 5 FOR LOADING INFORMATION)

FOR 1/4" TYPE FOUNDATION SEE DRAWING NO. 404.208

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

TYPE XX-30'-0"
SIGNAL & LUMINAIRE POLE

DATE 7-8-93 | DWG. NO. 404.406 | SHEET 1 OF 6
**LUMINAIRE ARM DATA**

<table>
<thead>
<tr>
<th>ARM SPAN &quot;L&quot; (FT)</th>
<th>FIXED END DIA (IN)</th>
<th>FREE END DIA (IN)</th>
<th>GAUGE</th>
<th>LUMINAIRE MOUNTING HEIGHT</th>
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<tbody>
<tr>
<td>6</td>
<td>3.42</td>
<td>2.36</td>
<td>11</td>
<td>32'-0&quot;</td>
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<td>8</td>
<td>3.65</td>
<td>2.36</td>
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<td>33'-3&quot;</td>
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<td>10</td>
<td>4.10</td>
<td>2.36</td>
<td>11</td>
<td>35'-0&quot;</td>
</tr>
<tr>
<td>12</td>
<td>4.52</td>
<td>2.36</td>
<td>11</td>
<td>38'-6&quot;</td>
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<td>15</td>
<td>4.96</td>
<td>2.36</td>
<td>11</td>
<td>37'-0&quot;</td>
</tr>
</tbody>
</table>

**NOTES:**

1. ALL BIDDERS SHALL PROVIDE SHOP DRAWINGS THAT EXPLICITLY MEET THE DESIGN PRIOR TO BIDDING.

2. ALL POLES TO BE GALVANIZED BY MANUFACTURER OR PRIME PAINTED BY MANUFACTURER AND FINISH PAINTED BY CONTRACTOR PER SPECIFICATIONS.

3. HANDHOLE COVERS SHALL BE MOUNTED WITH TAMPER-RESISTENT SCREWS.

4. PEDESTRIAN PUSH BUTTON SHALL NOT BE LOCATED MORE THAN 24" FROM THE BACK OF WALK. IF DISTANCE FROM BACK OF WALK TO PUSH BUTTON IS 20" TO 24", THE BUTTON SHALL BE LOCATED A MAXIMUM OF 44" FROM THE SURFACE OF THE WALK; OTHERWISE THE HEIGHT SHALL BE 48".

POLES DESIGNED PER SPECIFICATION OF AASHTO, 80 MPH WINDS.
(SEE DRAWING NO. 404.406 SHEET 5 FOR LOADING INFORMATION)

FOR "L" TYPE FOUNDATION SEE DRAWING NO. 404.209

**UNIFORM STANDARD DRAWINGS**

**CLARK COUNTY AREA**

**TYPE XX - A - 30'-0"**

**SIGNAL & LUMINAIRE POLE**

DATE 7-6-83  DWG. NO. 404.406  SHEET 3 OF 6
### TYPE XX

- **Description**: 12" 3 SEC. W/ BACKPLATES (M-2)
  - **Proj. Area (ft²)**: 8.60
  - **Weight (lbs)**: 40

- **Description**: R3-5 24" X 30"
  - **Proj. Area (ft²)**: 5.00
  - **Weight (lbs)**: 15

- **Description**: R3-4 24" X 24"
  - **Proj. Area (ft²)**: 4.00
  - **Weight (lbs)**: 10

- **Description**: 12" 5 SEC. W/ BACKPLATES
  - **Proj. Area (ft²)**: 13.88
  - **Weight (lbs)**: 60

- **Description**: R10-50(2) 36" X 45"
  - **Proj. Area (ft²)**: 11.26
  - **Weight (lbs)**: 30

- **Description**: STREET NAME-FREE SWINGING-18" X 8" (F)
  - **Proj. Area (ft²)**: 12.44
  - **Weight (lbs)**: 100

### TYPE XX-A

- **Description**: DUAL-12" 3 SEC. W/ BACKPLATES
  - **Proj. Area (ft²)**: 17.34
  - **Weight (lbs)**: 60

- **Description**: DUAL-PEDESTRIAN
  - **Proj. Area (ft²)**: 8.00
  - **Weight (lbs)**: 60

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### Design Criteria:

- **1985 AASHTO Standard Specifications** for structural supports for highway signs, luminaires and traffic signals.

- **Maximum Design Minimum Yield Strength** for tubular members shall be limited to 48,000 psi for cold worked materials and 60,000 psi for non-cold worked materials.

- **Wind Velocity**: 80 MPH ISOTACH.
1-3/16" HOLE, 4 REQD.

4.606" ± .003" HOLE DIA.

1-1/8" R

6-3/4"

3 7/8

5 3/4

7 3/4

4.486 ± .003
PIPE O.D.

1/4"

1/4" X 4" GUSSETS
- 4 REQUIRED

2" GALV. ANCHOR BOLTS WITH TWO GALV.
HEX. HD. NUTS & WASHERS PER BOLT (4 REQD.)
FOR FOUNDATION, SEE DRAWING NO. 404.209.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

BASE ADAPTOR PLATE
FOR TYPE "L" FOUNDATION

DATE 2-11-93  DWG. NO. 404.409  SHEET 2 OF 2
BACK BRACE ASSEMBLY

DETAIL A

NOTES:
1. COMPLETE BACK BRACE ASSEMBLY SHALL BE PRIME PAINTED.
2. COMPLETE BRACE ASSEMBLY SIMILAR TO PUMCO PART NO. 769-6, AND SHALL HAVE (4) FOUR BOLTS.
3. BRACE ASSEMBLY TO BE USED ON 30' POLES ONLY. TO BE MOUNTED 24' FROM BOTTOM OF POLE.
4. FOR TYPE III POLE SPECIFICATIONS SEE DRAWING NO. 404.404.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

TYPE III POLE WITH
ILLUMINATED STREET NAME SIGN

DATE 3-11-83 DWG. NO. 404.415 SHEET 1 OF 1
NOTES:

1. ON LOWER ASSEMBLY, ALL INDICATIONS ARE 12" NOMINAL (GLASS).

2. SEE DRAWING NO. 404.1410 FOR ARROW LENS.

3. ON TOP ASSEMBLY, USE M-3 WITH BACKPLATE.

4. SEE STANDARD SPECIFICATIONS FOR PROGRAMMED VISIBILITY HEAD.

5. SEE DRAWING NO. 404.1005 FOR ITEMIZED PARTS.

6. SEE SIGNAL PLANS FOR R OR RED ARROW INDICATION.
NOTES:
1. PROVIDE BACKPLATE ON A-8T.
2. ALL INDICATIONS ARE 12' NOMINAL (GLASS).
3. SEE DRAWING NO. 404.1410 OR ARROW LENS.
4. SEE DRAWING NO. 404.1005 FOR ITEMIZED PARTS.
5. SEE SIGNAL PLANS FOR R OR RED ARROW INDICATION.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGNAL ASSEMBLIES
A-8T, A-9T

DATE 2-11-93   DWG. NO. 404.1015   SHEET 1 OF 1
NOTES:
1. SEE DRAWING NO. 404.1005 
   FOR ITEMIZED PARTS.
2. SEE STANDARD SPECIFICATIONS
   FOR PROGRAMMED VISIBILITY
   HEAD.
3. SEE SIGNAL PLANS FOR R OR
   RED ARROW INDICATION.
NOTES:

1. FOR ITEMIZED PARTS SEE DRAWING NO. 404.1005.
2. FOR ARROW LENS SEE DRAWING NO. 404.1410.
3. PROVIDE BACKPLATE ON A-13T ONLY.
4. ALL SIGNALS ARE 12" NOMINAL (GLASS).
NOTES:

1. ALL SIGNALS ARE 12" NOMINAL (GLASS).
2. FOR ITEMIZED PARTS SEE DRAWING NO. 404.1005.
3. FOR ARROW LENS SEE DRAWING NO. 404.1410.
4. SEE PLANS FOR BACKPLATE REQUIREMENTS.
5. OPTIONAL 3° CUTOFF LOUVERS ON RED, YELLOW AND GREEN BALL INDICATIONS MAY BE PROVIDED AS DIRECTED BY THE TRAFFIC ENGINEER.
NOTES:

1. SEE STANDARD SPECIFICATIONS FOR PROGRAMMED VISIBILITY HEAD.
2. ALL M-2 INDICATIONS ARE 12" NOMINAL (GLASS).
3. SEE DRAWING NO. 404.1005 FOR ITEMIZED PARTS.
4. SEE SIGNAL PLANS FOR BALL OR ARROW INDICATIONS.
NOTES:

1. SEE DRAWING NO. 404.1005 FOR ITEMIZED PARTS.

2. SEE DRAWING NO. 404.1410 FOR ARROW LENS.

3. ALL INDICATIONS ARE 12' NOMINAL (GLASS).

4. SEE SIGNAL PLANS FOR BACKPLATE REQUIREMENTS.

5. SEE SIGNAL PLANS FOR RED OR RED ARROW INDICATION.

6. ALL BOTTOM NIPPLES ARE 18" AND TOP NIPPLES ARE 18 1/2".
NOTES:
1. SEE DRAWING NO. 404.1005 FOR ITEMIZED PARTS.
2. SEE DRAWING NO. 404.1410 FOR ARROW LENS.
3. ALL INDICATIONS ARE 12" NOMINAL (GLASS).
4. SEE SIGNAL PLANS FOR BACKPLATE REQUIREMENTS.
5. SEE SIGNAL PLANS FOR R OR RED ARROW INDICATION.
6. ALL BOTTOM NIPPLES ARE 18" AND TOP NIPPLES ARE 18 1/2".

SIGNAL ASSEMBLIES
B-5T, B-6T
NOTES:
1. ALL SIGNALS ARE 12" NOMINAL (GLASS).
2. FOR ITENIZED PARTS SEE DRAWING 404.1005.
3. FOR ARROW LENS SEE DRAWING 404.1440.
4. SEE PLANS FOR BACKPLATE REQUIREMENTS.
5. OPTIONAL 3" CUTOFF LOUVERS ON RED, YELLOW AND GREEN BALL INDICATIONS ON 5-SECTION HEADS MAY BE PROVIDED AS DIRECTED BY THE TRAFFIC ENGINEER.
NOTES:

1. SEE DRAWING NO. 404.1005 FOR ITEMIZED PARTS.

2. SEE STANDARD SPECIFICATIONS FOR PROGRAMMED VISIBILITY HEADS.

3. SEE SIGNAL PLANS FOR BACKPLATE REQUIREMENTS.

4. SEE SIGNAL PLANS FOR R OR RED ARROW INDICATION.

5. ALL BOTTOM NIPPLES ARE 18" AND TOP NIPPLES ARE 18 1/2".

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGNAL ASSEMBLIES
B-12T, B-13T

DATE 2-11-93  DWG. NO. 404.1028  SHEET 1 OF 1
NOTES:

1. FOR ITEMIZED PARTS SEE DRAWING NO. 404.1005.
2. FOR ARROW LENS SEE DRAWING NO. 404.1410.
3. SEE PLANS FOR BACKPLATE REQUIREMENTS.
4. ALL SIGNALS ARE 12" NOMINAL (GLASS).
5. OPTIONAL 3" CUTOFF LOUVERS ON RED, YELLOW AND GREEN BALL INDICATIONS ON 6-SECTION HEADS MAY BE PROVIDED AS DIRECTED BY THE TRAFFIC ENGINEER.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

SIGNAL ASSEMBLIES
B-14T

DATE 5-12-84 DWG. NO. 404.1029 SHEET 1 OF 1
NOTES:

1. ALL BACKPLATES SHALL BE LOUVERED.
2. ALL LENSES SHALL BE GLASS.
3. OPTIONAL 3" CUTOFF LOUVERS ON RED, YELLOW AND GREEN BALL INDICATIONS MAY BE PROVIDED AS DIRECTED BY THE TRAFFIC ENGINEER.

UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA

PROTECTED / PERMISSIVE M-5 SIGNAL HEADS

DATE 5-12-94 DWG. NO. 404.1030 SHEET 1 OF 1
NOTES:

1. ALL BACKPLATES SHALL BE LOUVERED.
2. ALL LENSES SHALL BE GLASS.
3. OPTIONAL 3" CUTOFF LOUVERS ON RED, YELLOW AND GREEN BALL INDICATIONS MAY BE PROVIDED AS DIRECTED BY THE TRAFFIC ENGINEER.
TYPICAL PLANS SYMBOLS

ALWAYS MOUNT SIGNAL ASSEMBLIES ON SIDE OF POLE, 120° OPPOSITE OF CURB LINE AS SHOWN. SEE DRAWING NO. 404.800 FOR DRILLING DETAILS.

PED. PUSH BUTTONS ON TYPE 1-A OR 1-B POLE. SEE DRAWING NO. 404.402 FOR DRILLING DETAILS.

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS CLARK COUNTY AREA

POLE LOCATION & SIGNAL MOUNTING AT INTERSECTION

DATE 7-8-93 | DWG. NO. 404.1300 | SHEET 1 OF 2
ALWAYS MOUNT SIGNAL ASSEMBLIES ON SIDE OF POLE OPPOSITE OF CURB LINE AS SHOWN. SEE 404.600 FOR DRILLING DETAILS.

3' MIN. OFFSET FROM CENTER OF RETURN

P.T.

P.C.

SIDEWALK AREA

PED. PUSH BUTTONS.
SEE 404.406 FOR DRILLING DETAILS.
NOTE:
SIDEWALK RAMPS IN ACCORDANCE WITH DRAWING NO. 235 SHALL BE CONSTRUCTED. HANDICAPPED ACCESS MUST BE IN COMPLIANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA).

ALWAYS MOUNT SIGNAL ASSEMBLIES ON SIDE OF POLE, 180 OPPOSITE OF CURB LINE AS SHOWN. SEE DWG. 404.400 FOR DRILLING DETAILS.

PED. PUSH BUTTONS. SEE 404.400 FOR DRILLING DETAILS.

4' MIN. (TYP.)

6' MIN. (TYP.)

SPECIFICATION REFERENCE

UNIFORM STANDARD DRAWINGS
CLARK COUNTY AREA

POLE LOCATION AND SIGNAL MOUNTING ON RIGHT TURN ISLANDS

DATE 7-8-83 DWG. NO. 404.1301 SHEET 1 OF 1
NOTE:
1. SEE PLANS FOR FOUNDATION TYPE.
NOTES:

1. FOUNDATIONS WILL BE 36" SQUARE OR ROUND AND 12 FT. DEEP. THE AREA SHALL REMAIN ACCESSIBLE FOR THESE FOUNDATIONS.

2. TRAFFIC SIGNAL POLES SHALL REMAIN AT THE MIDDLE OF THE RETURN BEHIND THE SIDEWALK SO THAT THE OUTSIDE SIGNAL HEAD IS DIRECTLY ABOVE THE LEFT TURN LANE.

3. WITHIN THE CITY OF LAS VEGAS, THE MAST ARM SHALL NOT EXCEED 55" IN LENGTH. TRAFFIC SIGNAL POLES MAY BE LOCATED ON THE P.T. TO MAINTAIN A 55" MAXIMUM MAST ARM LENGTH.


5. A TYPE "L" FOUNDATION IS REQUIRED FOR MAST ARMS LONGER THAN 45'. SEE DRAWING NO. 404.209.


7. THE TRAFFIC ENGINEER WILL MAKE THE FINAL DETERMINATION FOR THE LOCATION OF TRAFFIC SIGNAL POLES.