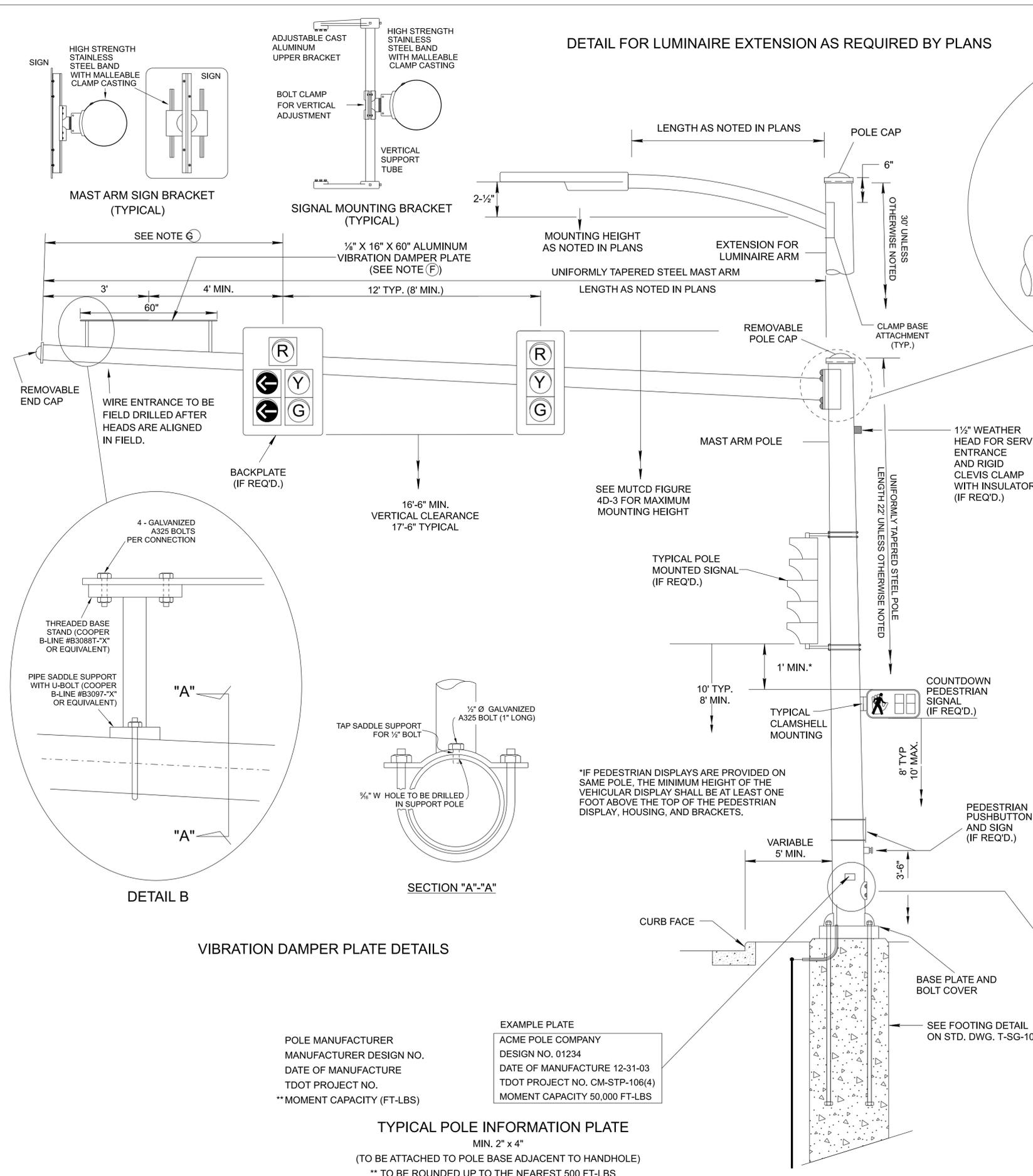
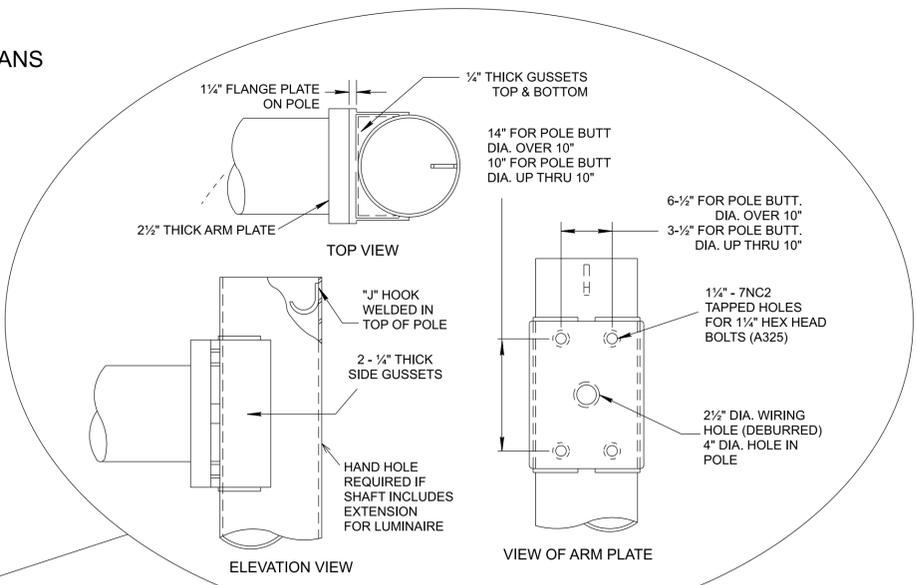


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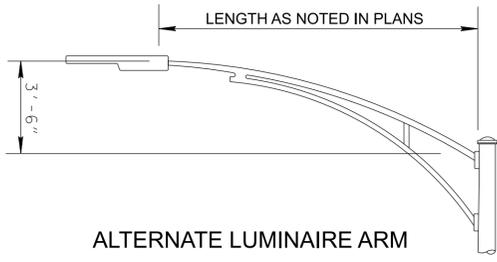
NOT TO SCALE



DETAIL FOR LUMINAIRE EXTENSION AS REQUIRED BY PLANS



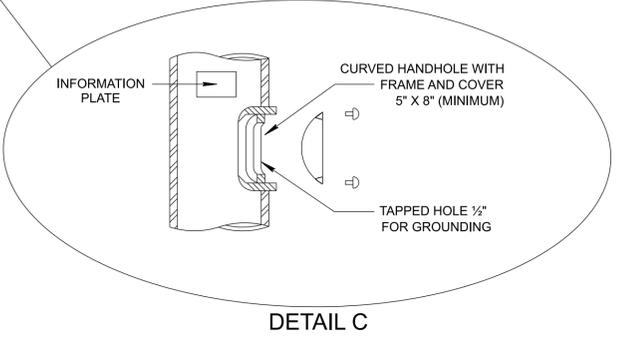
DETAIL A



ALTERNATE LUMINAIRE ARM

MAST ARM GENERAL NOTES

- (A) MAST ARM POLE FOUNDATIONS MAY BE ADJUSTED UP TO 2' TO AVOID UTILITIES. ADJUSTMENTS GREATER THAN 2' MUST BE REVIEWED AND APPROVED BY ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ARM LENGTH IS ADEQUATE FOR PROPER SIGNAL HEAD PLACEMENT PER T-SG-7A THROUGH T-SG-7S.
- (B) ENTRANCES FOR MAST ARM AND POLE MOUNTED SIGNAL HEADS SHALL BE FIELD DRILLED TO ENSURE PROPER PLACEMENT.
- (C) THE TOP OF ALL SIGNAL HEADS ON EACH APPROACH TO BE APPROX. SAME HEIGHT PER T-SG-7A THROUGH T-SG-7S.
- (D) PEDESTRIAN SIGNAL HEADS TO BE CLAMSHELL MOUNTED UNLESS OTHERWISE SHOWN ON PLANS.
- (E) VIBRATION DAMPER PLATE SHALL BE INSTALLED ON ALL MAST ARMS AND ALWAYS BE INSTALLED AT OUTSIDE TIP.
- (F) NO SIGNAL HEADS, SIGNS, OR TRAFFIC CONTROL DEVICES SHALL BE LOCATED IN THE LAST 7' OF THE MAST ARM.
- (G) FOR ADDITIONAL INFORMATION ON TRAFFIC SIGNAL MAST ARM POLES, SEE TDOT TRAFFIC DESIGN MANUAL, CHAPTER 6.
- (H) PLACEMENT OF POLE MUST MEET ADA REQUIREMENTS.
- (I) THERE SHALL BE A MINIMUM SEPARATION OF 8' BETWEEN THE TRAFFIC SIGNAL AND LUMINAIRE MAST ARMS.



DETAIL C

- REV. 7-29-92: DELETED CLAMP AND CLEVIS MOUNT FOR SIGNAL HEADS.
- REV. 7-29-96: REDREW SHEET ON CADD AND MADE MINOR CHANGES.
- REV. 12-16-03: REDREW SHEET. REV. SIGNAL MOUNTING BRACKET, ADDED SIGN MOUNTING BRACKET DETAIL AND REDREW POLE DETAIL. ADDED MAX. MOUNTING HEIGHT FOR SIGNAL HEADS AND ADDED HAND HOLE DETAIL.
- REV. 7-29-04: REDREW AND REDESIGNED SHEET.
- REV. 11-16-07: ADDED VIBRATION DAMPER PLATE DETAILS.
- REV. 12-4-13: CHANGED ANCHOR BOLTS TO THREADED.
- REV. 6-27-16: REVISED SIGNAL HEAD AND VIBRATION DAMPER PLATE MOUNTING DIMENSIONS. CHANGED PEDESTRIAN SIGNAL HEAD TO COUNTDOWN. ADDED 1' MIN. DIMENSION BETWEEN POLE MOUNTED SIGNAL HEAD AND COUNTDOWN PEDESTRIAN SIGNAL HEAD ALONG WITH NOTE (E), AND RE-LETTERED REMAINING NOTES. MADE MINOR TEXT EDITS ON SHEET. REVISED EXAMPLE POLE INFORMATION PLATE.
- REV. 7-11-17: ADDED NOTE (A) AND "SEE NOTE (G)" DIMENSION. ADDED "TO AVOID UTILITIES" TO GENERAL NOTE (A).
- REV. 10-21-19: ADDED NOTE (H).
- REV. 7-15-24: REVISED TO LED LIGHT
- REV. 12-18-25: UPDATED TO CONFORM TO MUTCD 11TH EDITION.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE  
 STANDARD DRAWING  
 DEPARTMENT OF TRANSPORTATION

CANTILEVER  
 SIGNAL SUPPORT  
 DETAIL

BEFORE 7-29-92 T-SG-9