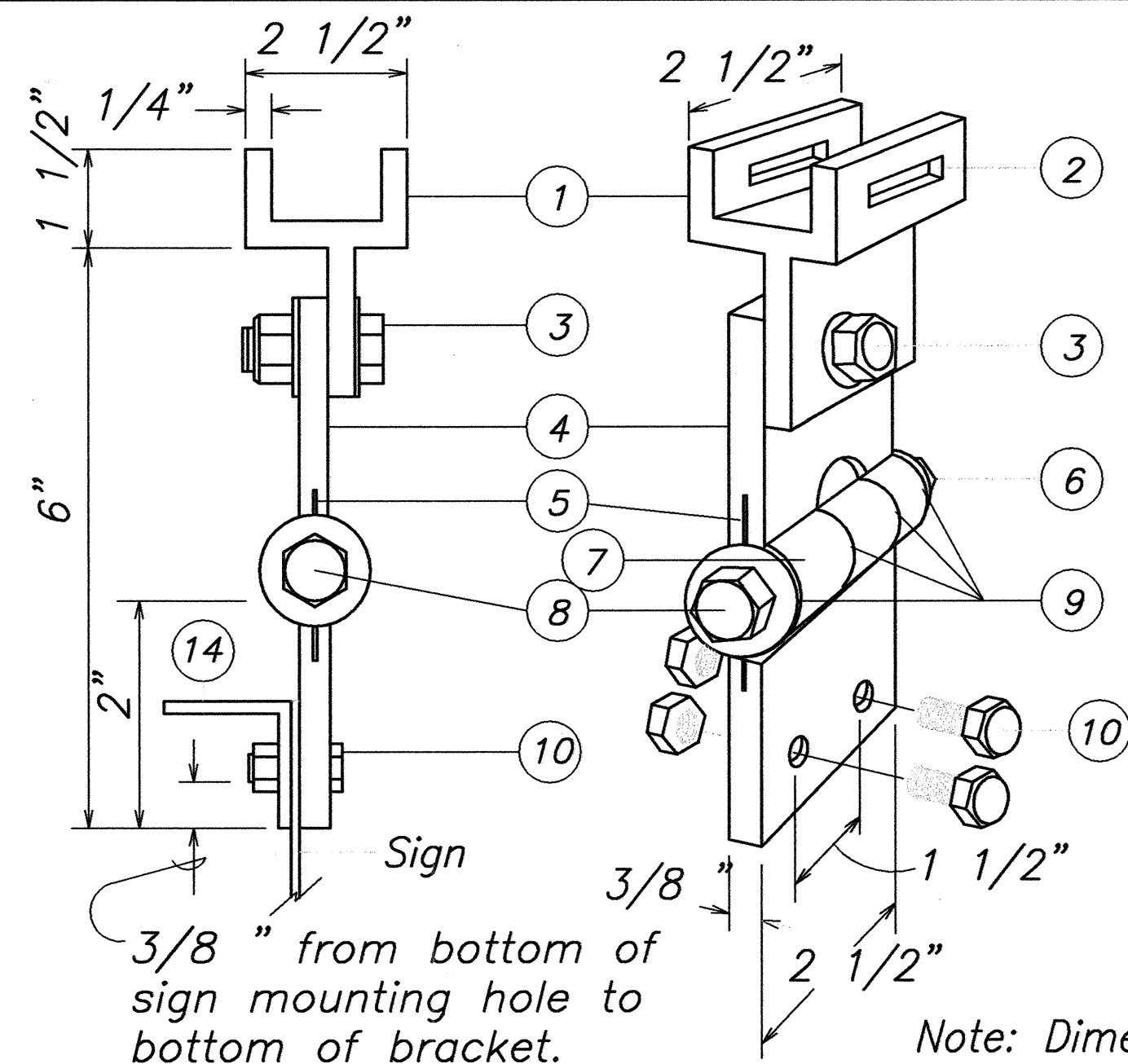


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-700(45)R	2004	32	44



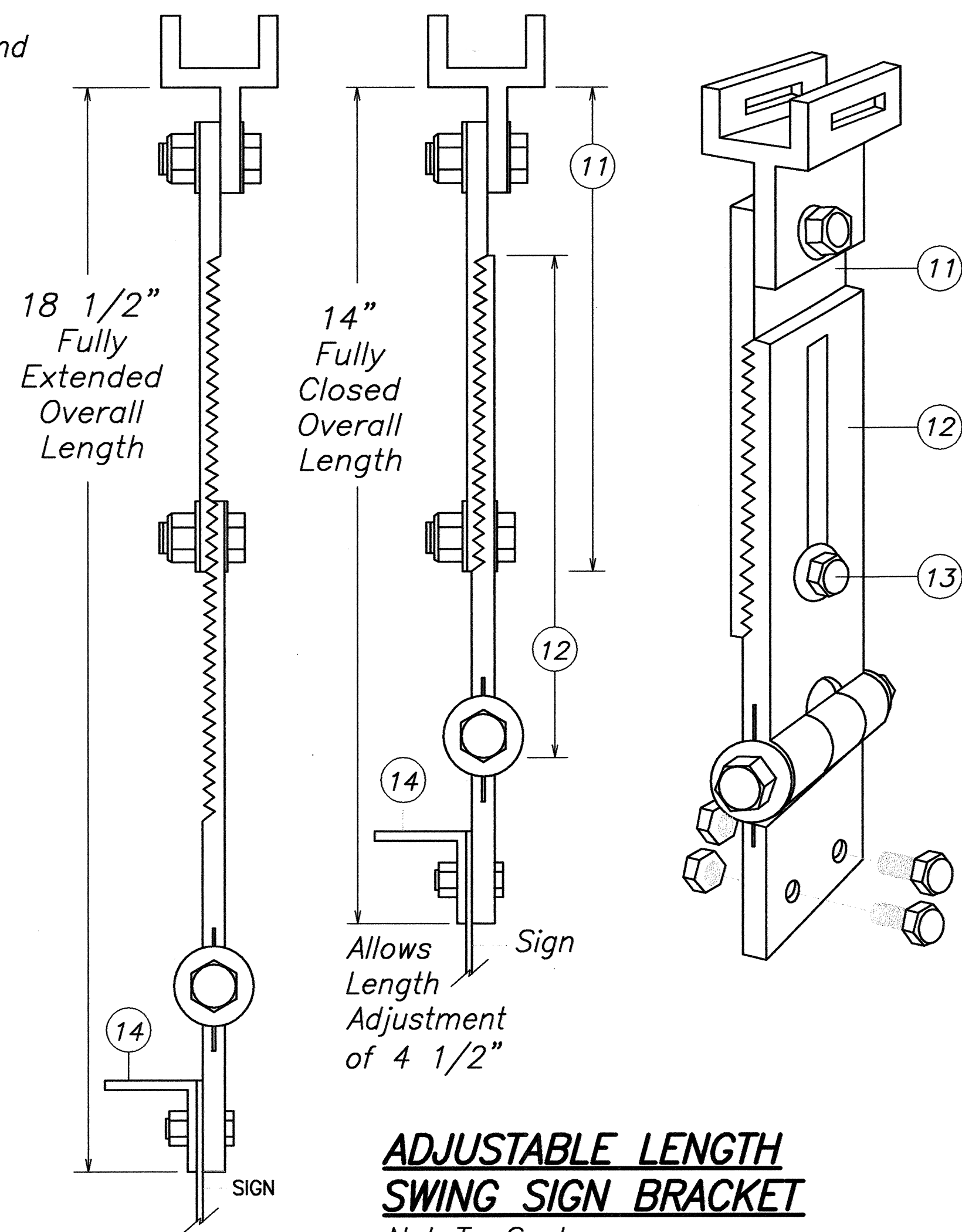
All Aluminum 6061T6 Alloy and Stainless Steel Components.

Note: Dimensions may vary slightly.

FIXED LENGTH NON-ADJUSTABLE SWING SIGN BRACKET

Not To Scale

- ① Pivotal upper bracket
- ② 1 5/8" x 1/4" slot for double strapping to electrolier mast arm. (M2G-34S(HD) .030" x 3/4" heavy duty stainless steel strap with M2G-34B(HD) buckle recommended.)
- ③ 1/2" - 13 x 1 1/2" stainless steel hex head bolt with stainless steel hex lock nut and 1/16" stainless steel washer (both sides). Allows upper bracket to pivot and align with electrolier mast arm.
- ④ 6" overall drop with fixed length sign bracket
- ⑤ Stainless steel dampener spring (removable)
- ⑥ Stainless steel hex lock nut with 1/16" stainless steel washer
- ⑦ 1" O.D. axle housing
- ⑧ 1/2" - 13 x 4" stainless steel hex head bolt with 1/16" stainless steel washer
- ⑨ Oilite bushing
- ⑩ Sign mounting sets, consisting of two each 5/16" - 18 x 1" stainless steel hex head bolt with stainless steel hex lock nut. Two holes on 1 1/2" centers provide positive lock sign mounting to bracket.
- ⑪ 8 1/4" overall length upper adjustable sign bracket section
- ⑫ 9" overall length lower adjustable sign bracket section, including axle housing (8" overall length to top of axle housing)
- ⑬ 1/2" - 13 x 1 1/2" stainless steel hex bolt with stainless steel hex lock nut and 1/16" stainless steel washers (both sides). Loosen lock nut, adjust bracket teeth to level sign.
- ⑭ 1 1/4" x 1 1/4" x 1/8" aluminum angle

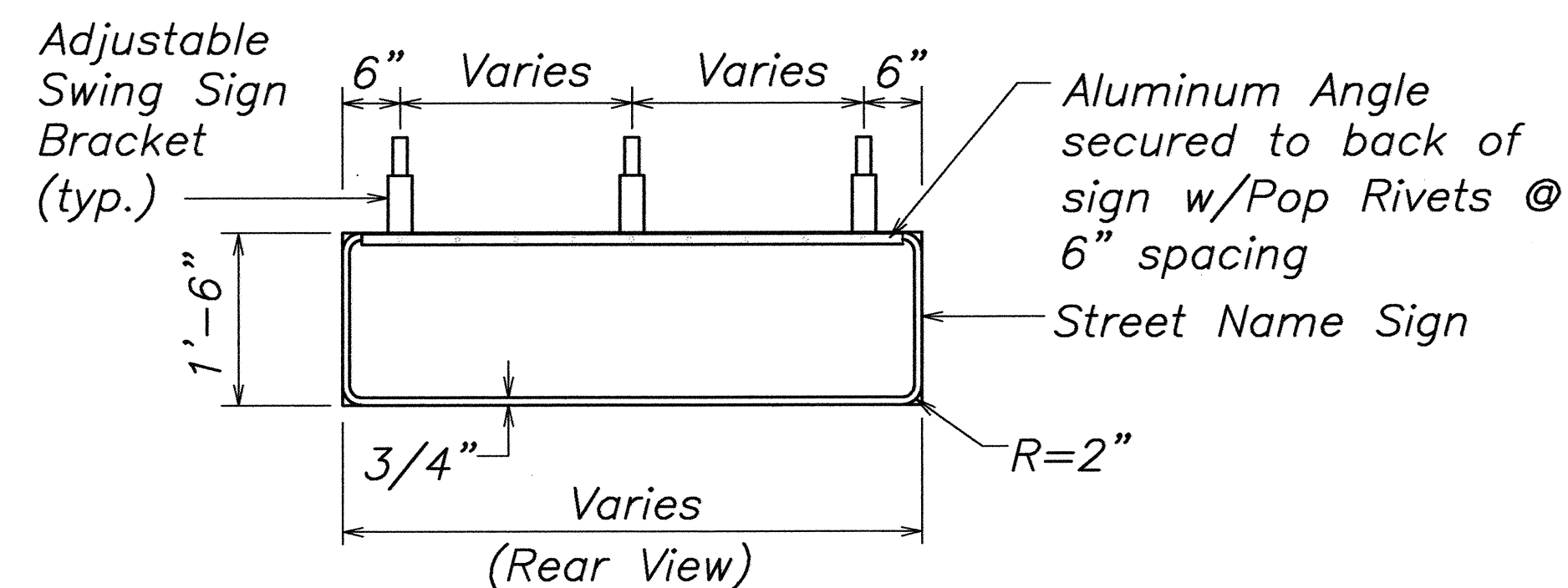


ADJUSTABLE LENGTH SWING SIGN BRACKET

Not To Scale

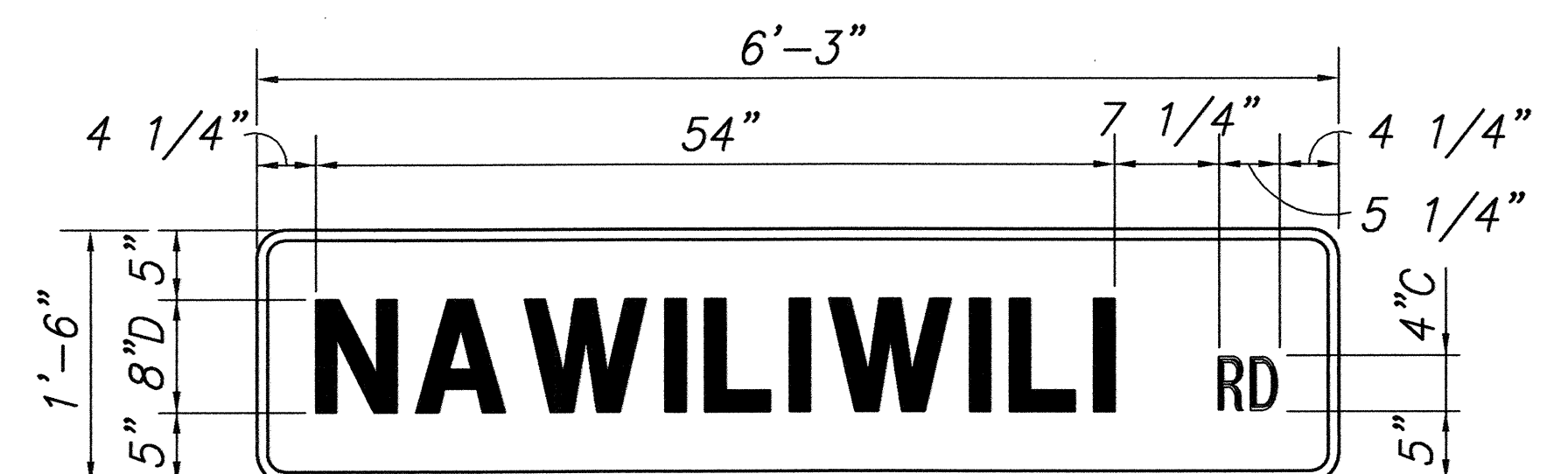
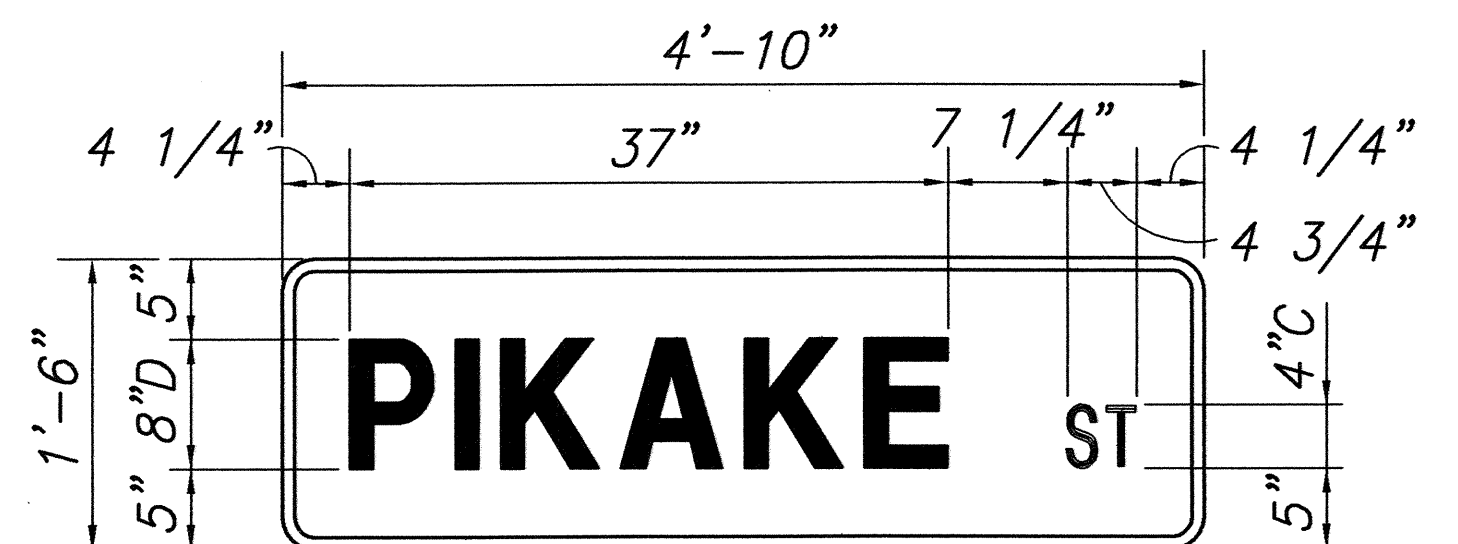
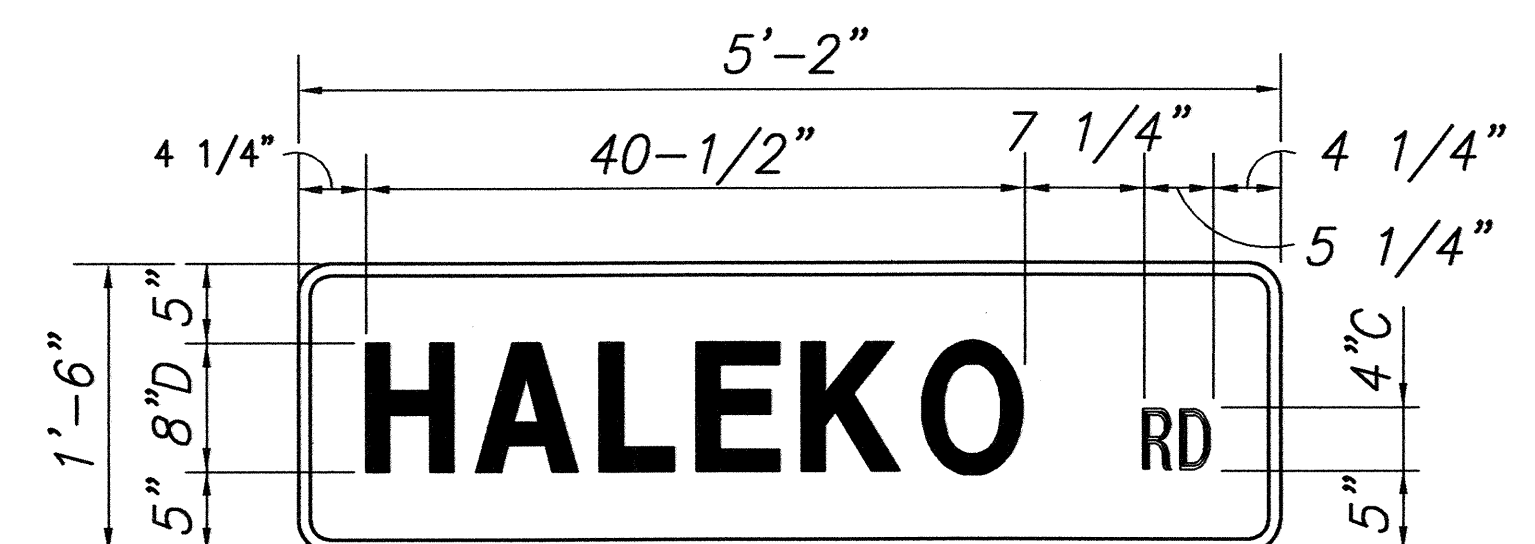
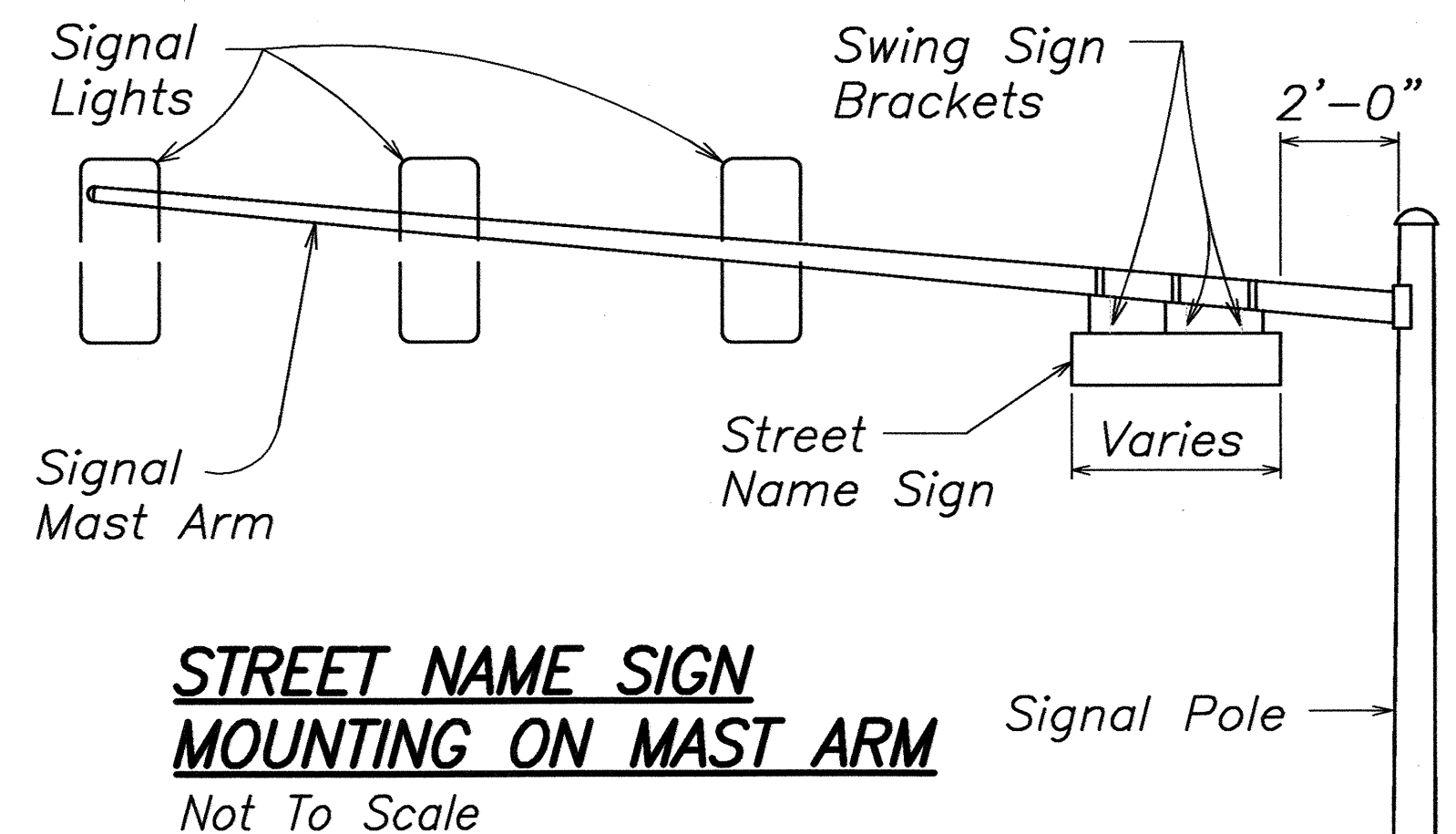
Notes:

1. Street name signs shall have white message and border on green background.
2. Provide the same message on both sides of each sign.
3. All sign faces shall be completely reflectorized with Type "B" reflective sheeting.
4. The sign shall be in conformance with the requirements of Section 712.20 of the Standard Specification.
5. Contractor shall coordinate Street Name Sign lettering with State Department of Transportation.



PANEL & SWING BRACKET LAYOUT FOR STREET NAME SIGN

Not To Scale



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION

Pete G. Pascua

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>STREET SIGN DETAILS</u>	
TRAFFIC SIGNAL MODERNIZATION At Various Highway Locations, Kauai Federal Aid Project No. CMAQ-700(45)R	
Scale: As Noted	Date: July 2003
SHEET No. 1 OF 1 SHEETS	