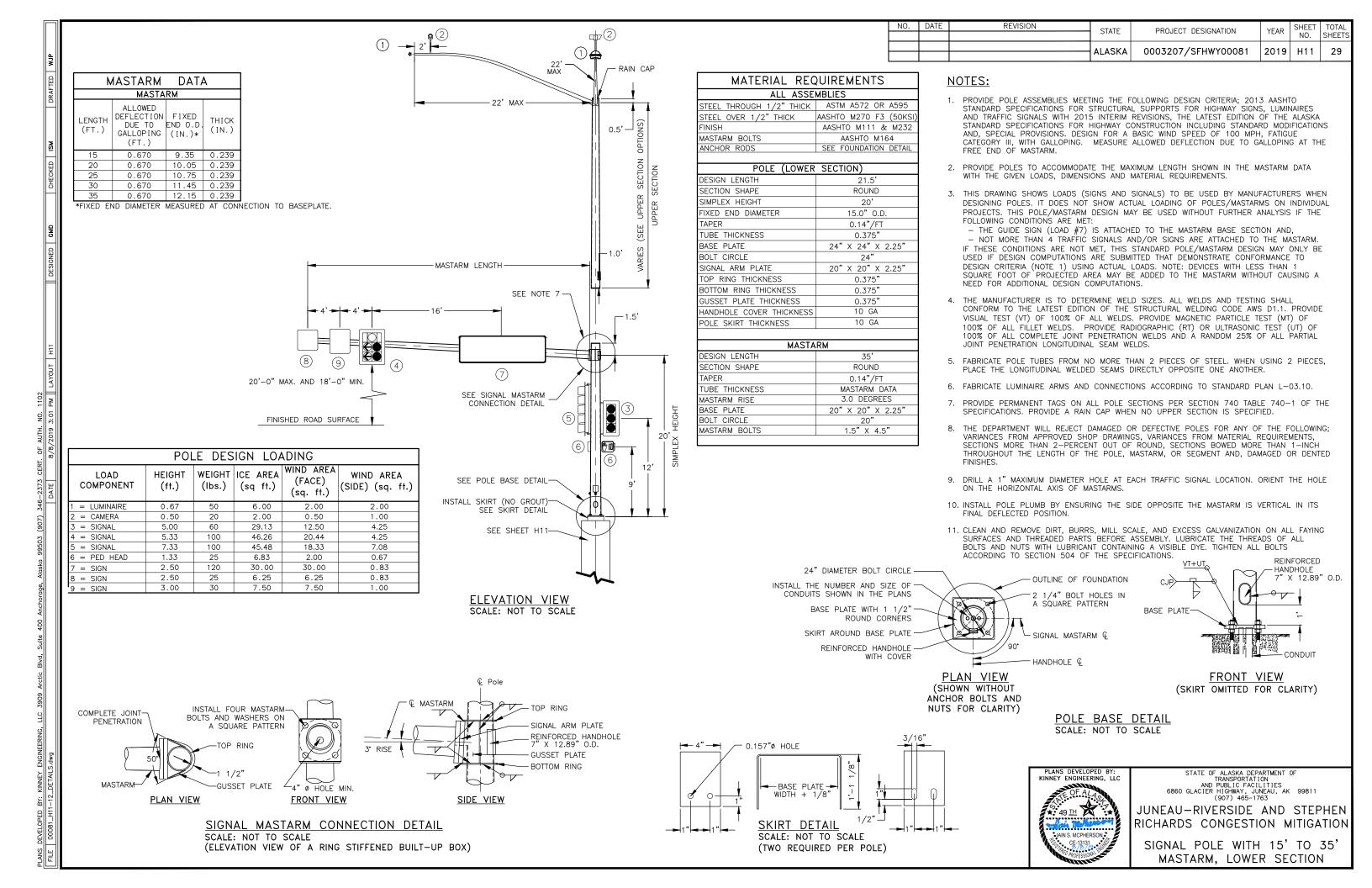
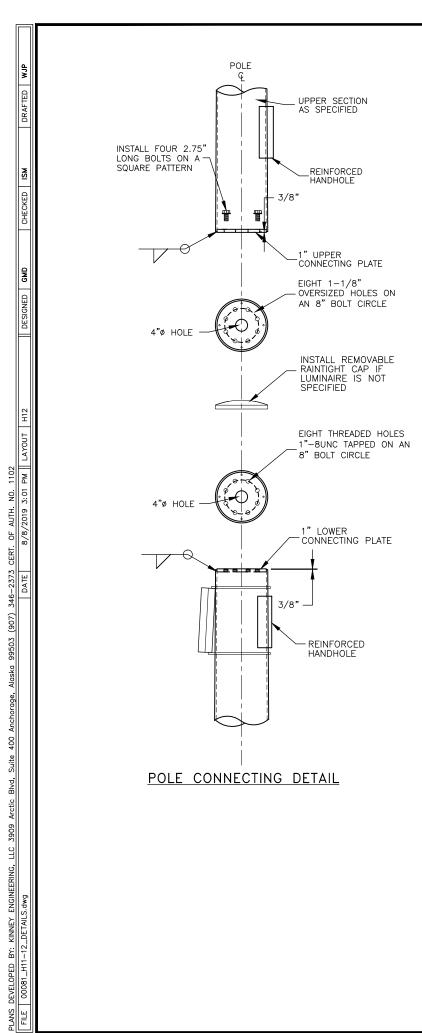
NO. DATE REVISION SHEET STATE PROJECT DESIGNATION YEAR NO. SHEETS NOTES: 2019 Н7 29 ALASKA 0003207/SFHWY00081 1. SIGNAL POLES AND FOUNDATIONS SHALL BE FABRICATED IN ACCORDANCE WITH THE DETAILS IN THE PLANS, ALASKA STANDARD PLANS AND THE Attachment B SPECIAL PROVISIONS. 2. STEEL PILE BASE CAP SHALL MATCH THE PROVIDED SIGNAL POLE BASE PLATE PATTERN BASE CIRCLE. 3. REFER TO THE SIGN SUMMARY SHEETS FOR MORE INFORMATION ABOUT SIGN SIZING AND INSTALLATION. 4. ROADWAY FEATURES ARE SHOWN FOR REFERENCE. SIGNAL MAST ARM SIGNAL MAST ARM SIGNAL MAST ARM SIGNAL MAST ARM (P2) -(P3) -(P4) = REFERENCE = REFERENCE = REFERENCE = REFERENCE | Alaska 99503 (907) 346–2373 CERT. OF AUTH. NO. 1102 | DATE | 8/8/2019 3:01 PM || LAYOUT | H7 CODE-REQUIRED CLERANCE TO
OVERHEAD UTILITIES MAST ARM LENGTH = 25' ► - MAST ARM LENGTH = 30'-MAST ARM LENGTH = 25' ➤ ARM LENGTH = 25' -23.3 15' - 16.6 — 12.9**' →** 9.0' → 6.0' 9.0' -— 0.5[°] — 0.5° _ 0.5° 35.5 Stephen Richards or Riverside or Stephen Richards or RADAR _ RADAR DETECTION MAX DETECTION (TYP) (TYP) 1 89 20' PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC 3909 Arctic Blvd, Suite 400 Anchorage, FILE | 00081_H7_SIGNAL PROFILES.dwg PEDESTRIAN 10' PUSH BUTTON PEDESTRIAN -3.5 PUSH BUTTON - PEDESTRIAN - PEDESTRIAN PEDESTRIAN -PEDESTRIAN -3.5' (TYP) - 3.5' PUSH BUTTONS PUSH BUTTON PUSH BUTTON PUSH BUTTONS - PEDESTRIAN PEDESTRIAN SIGNAL PEDESTRIAN -PEDESTRIAN PUSH BUTTON POLE #5 SIGNAL POLE #6 POLE #7 SIGNAL POLE #8 SIGNAL POLE #1 SIGNAL POLE #2 SIGNAL POLE #3 SIGNAL POLE #4 RIVERSIDE DRIVE / RIVERSIDE DRIVE / RIVERSIDE DRIVE / RIVERSIDE DRIVE / STEPHEN RICHARDS DRIVE STEPHEN RICHARDS DRIVE STEPHEN RICHARDS DRIVE STEPHEN RICHARDS DRIVE LOOKING WEST LOOKING NORTH LOOKING EAST LOOKING SOUTH PEDESTRIAN SIGNAL POLE #7 NOTE: STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES 6860 GLACIER HIGHMAY, JUNEAU, AK 99811 (907) 465-1763 PLANS DEVELOPED BY: KINNEY ENGINEERING, LLC MOUNT OPTICOM 2A ON POLE 7 USING A SIDE-MOUNT TERMINAL COMPARTMENT AND PIPE JUNEAU-RIVERSIDE AND STEPHEN RICHARDS CONGESTION MITIGATION IAIN S. MCPHERSON SIGNAL PROFILES





MATERIAL REQUIREMENTS						
MATERIALS						
TUBE MATERIAL	A572, A595 GR A OR A1011					
TOBE MATERIAL	50 KSI MIN					
SINGLE LUMINAIRE TUBE	7 GA					
DOUBLE LUMINAIRE TUBE	7 GA					
DAVIT LUMINAIRE TUBE	7 GA					
LOWER CONNECTING PLATE	AASHTO M270 F3					
UPPER CONNECTING PLATE	AASHTO M270 F3					
CONCENTRIC REDUCER	A572 OR A595 GR A					
CONNECTION TUBE	A572 OR A595 GR A					
LUMINAIRE ARM MATERIALS	SEE L-03.10					
UPPER SECTION ATTACHMENT BOLTS	1"-8UNC / AASHTO M164					
LUMINAIRE ATTACHMENT BOLTS	3/4"-10 / AASHTO M164					
SLIP-FIT THROUGH BOLT	5/8" / AASHTO M164					
FINISH	AASHTO M111 & M232					
HANDHOLE	7" X 12.89" O.D.					
SINGLE LU	JMINAIRE					
DESIGN LENGTH	22.5'					
SECTION SHAPE	ROUND					
FIXED END DIAMETER	11.99" O.D.					
TAPER	0.14"/ft					
LUMINAIRE ARM DETAILS	SEE L-03.10					

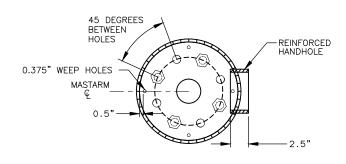
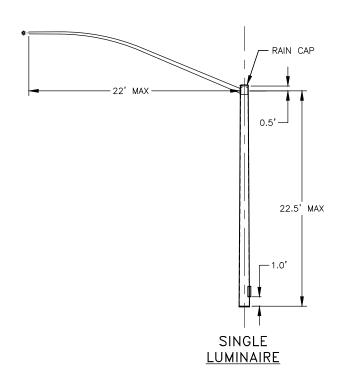
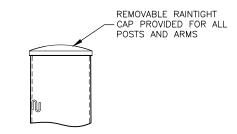


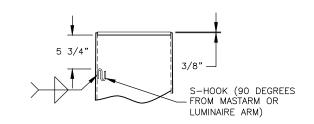
PLATE DETAILS

NO.	DATE	REVISION	STATE	PROJECT DESIGNATION	YEAR	SHEET NO.	TOTAL SHEETS	
			ALASKA	AL ACKA	0003207/SFHWY00081	2019	H12	29
				0003207/3FHW100081	2019	пі	23	

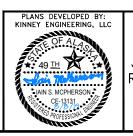




RAIN CAP DETAIL



LOWER SECTION POST TOP SCALE: NOT TO SCALE



STATE OF ALASKA DEPARTMENT OF TRANSPORTATION AND PUBLIC FACILITIES 6860 GLACIER HIGHWAY, JUNEAU, AK 99811 (907) 465-1763

JUNEAU-RIVERSIDE AND STEPHEN RICHARDS CONGESTION MITIGATION

SIGNAL POLE WITH 15' TO 35' MASTARM, UPPER SECTION