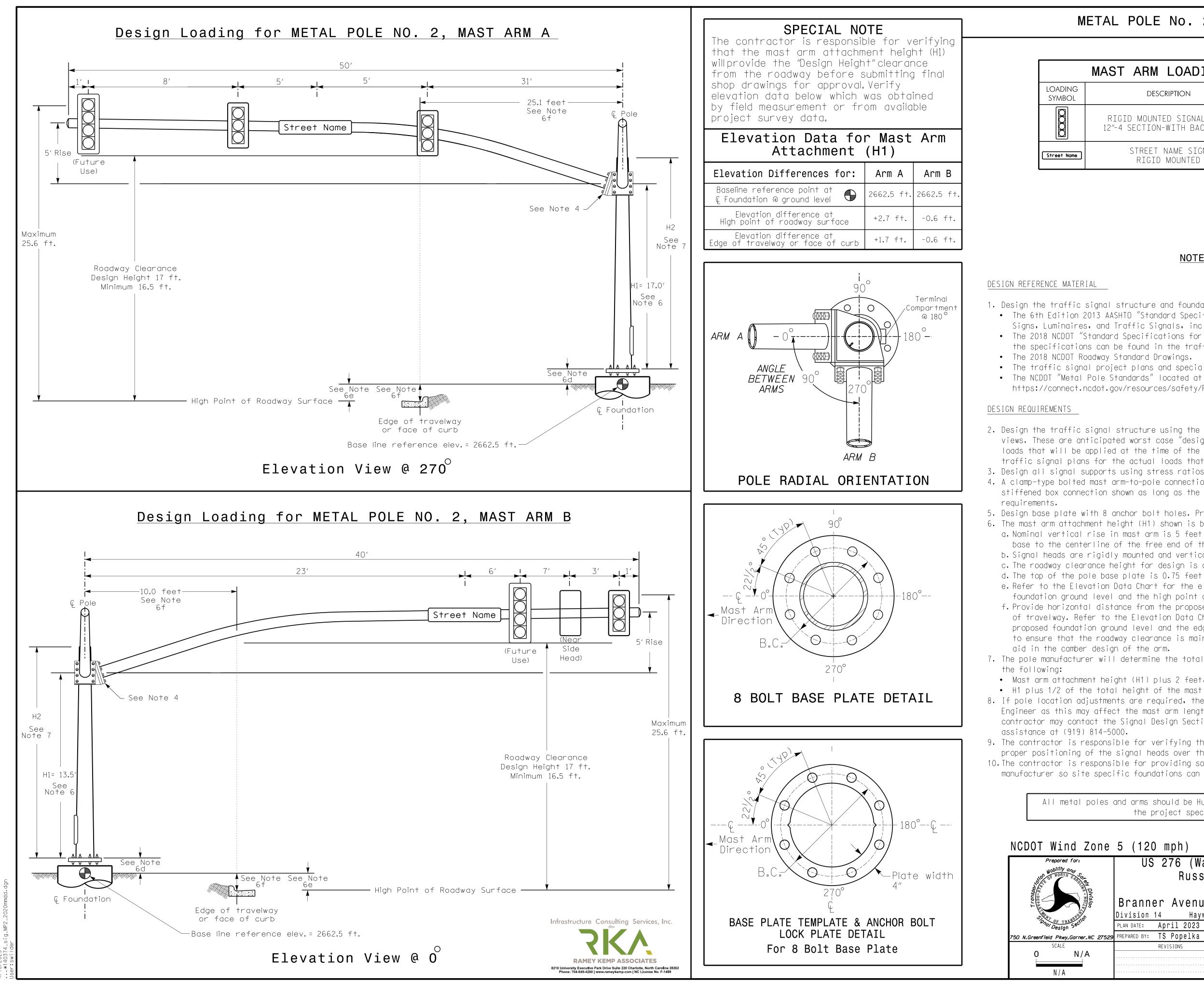
DocuSign Envelope ID: 82D8C649-6B56-4745-B9CD-FF1402C4349A



	Μ	IETAL	_ POL	E No	0.2			PF	U-58		SHEET NO. Sig 2.9
[			-							1	
	LOADING	MAS				SC	AREA	L <b>E</b> SIZE	WEIGHT	-	
	SYMBOL		IGID MOU	NTED SI	IGNAL HEAD		11.5 S.F.	25.5″W X	74 LBS	-	
	Street Name	12".	STREE	T NAME		ΙĿ	12.0 S.F.	66.0″L 18.0″W		-	
			RIG	ID MOU	NTED			96.0″L			
				<u> </u>	NOTES						
	ENCE MATER										
the traffic signal structure and foundation in accordance with: 6th Edition 2013 AASHTO "Standard Specifications for Structural Supports for Highway hs, Luminaires, and Traffic Signals, including all of the latest interim revisions. 2018 NCDOT "Standard Specifications for Roads and Structures." The latest addenda to specifications can be found in the traffic signal project special provisions. 2018 NCDOT Roadway Standard Drawings. traffic signal project plans and special provisions. NCDOT "Metal Pole Standards" located at the following NCDOT website: hs://connect.ncdot.gov/resources/safety/Pages/ITS-Design-Resources.aspx											
<u>QU I</u>	REMENTS										
Th tha cs al p-1 nea	ne traffic nese are an nt will be signal plan l signal s rype bolted d box conne ents. nse plate w	applied applied sofor t supports mast d ection s	ed worst 1 at the 2 he actua 3 using s 2 m-to-po 3 hown as	case" time of l loads tress r le conn long as	design load the insta that will atios that ection may the conned	ds" an Ilatic be ap do no be us ction	id may no on. The plied a of exceev ed insta meets a	ot repr contrac t the t d 0.9. ead of II of t	esent th tor shou ime of t the welc he desig	ne actual uld refer he insta ded ring gn	to the
base plate with 8 anchor bolt holes. Provide 2 inch x 60 inch anchor bolts. st arm attachment height (H1) shown is based on the following design assumptions: nal vertical rise in mast arm is 5 feet as measured from the centerline of the arm at to the centerline of the free end of the arm. hal heads are rigidly mounted and vertically centered on the mast arm. roadway clearance height for design is as shown in the elevation views. top of the pole base plate is 0.75 feet above the ground elevation. In to the Elevation Data Chart for the elevation differences between the proposed adation ground level and the high point of the roadway. Tide horizontal distance from the proposed centerline of the foundation to the edge ravelway. Refer to the Elevation Data Chart for elevation difference between the base foundation ground level and the edge of travelway. This information is necessary ensure that the roadway clearance is maintained at the edge of the travelway and to											
le lla ta plu e l	the camber manufactur wing: rm attachme s 1/2 of th ocation ad as this ma	er will ent heid ne tota ljustmer	determin ght (H1) I height nts are re	ne the plus 2 of the equired	feet, or mast arm c , the contr	attach ractor	ment ass must g	embly p ain app	olus 1 f roval fr	oot. om the	er of
anc anc ntr pc ntr	or may cont ce at (919) actor is r ositioning actor is r urer so sit	act the 814-50 esponsi of the esponsi	e Signal ( )00. ble for y signal he ble for p	)esign verifyi eads ov providi	Section Ser ng that the er the road ng soil per	nior S e mast dway. netrat	tructure arm len ion tes	al Engi ngth sh	neer for own will	allow	pole
	All metal	poles d			be Hunter special pr			r as sp	pecified	in	
0	[ Wind ]	Zone	5 (12)	) mph	)					JMENT NOT C FINAL UNLES NATURES CC	SS ALL
Transport	Prepared for: WobIllity ong	cety Division		R er Av	(Walnu luss Ave at enue/Bo Haywood C	enue ound	) ary S	/ treet ynesvil		SEAL MATH CAR CFESS/C SEAL 32396	
	Onal Design Section		PLAN DATE:	April	2023 RE	EVIEWED BY	: WJ Ha	milton		4. NOINES	R. I

REVIEWED BY: 16085 (040)

INIT. DATE

William J. Hamilton

3500D704048484... SIGNATURE

SIG. INVENTORY NO.

04/11/202

14-0374

DATE

REVISIONS

SCALE

N/A

0

N/A

PROJECT REFERENCE NO. SHEET NO.