

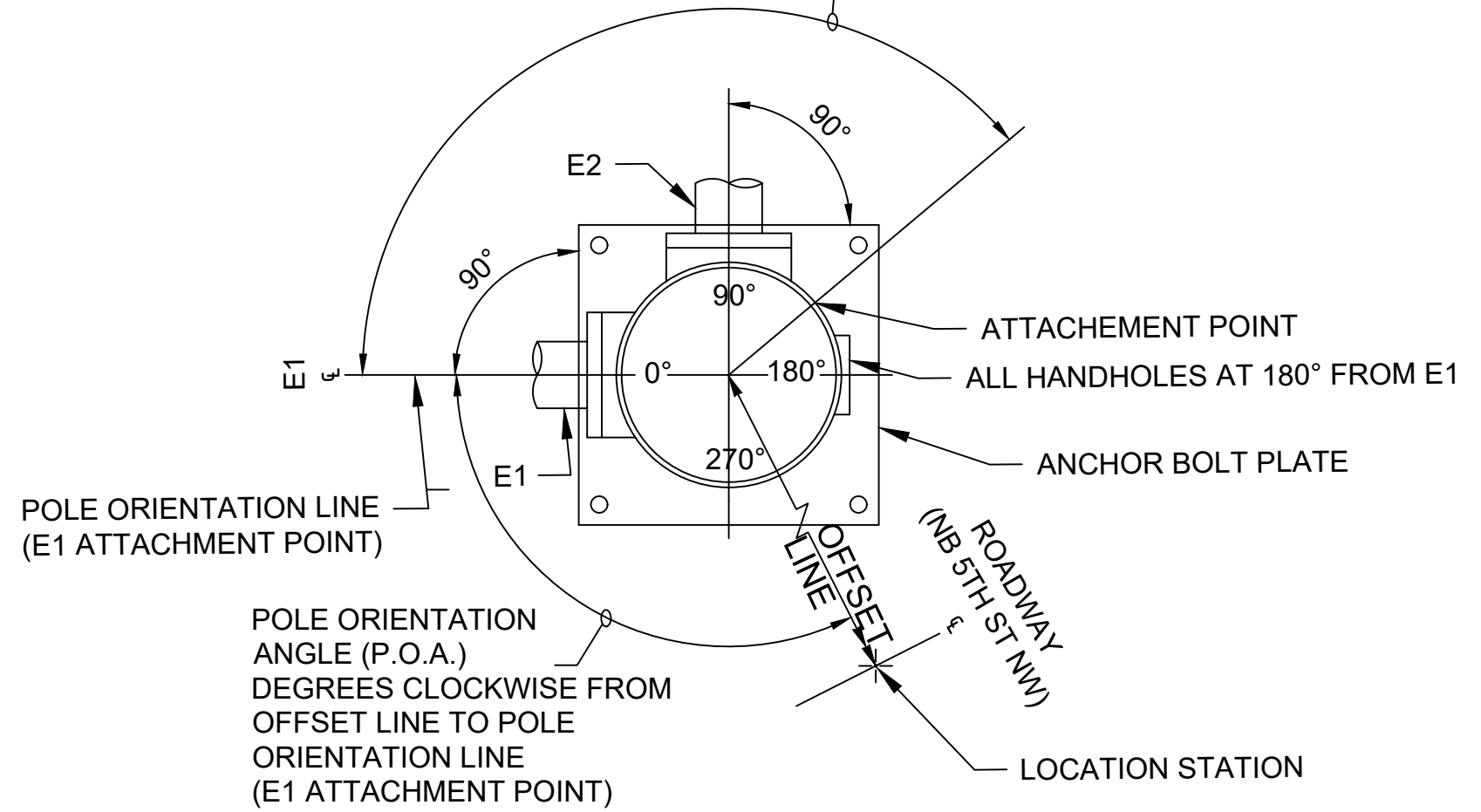
**LEGEND**

- a VEHICLE DISPLAY                      g PEDESTRIAN DISPLAY
- b VIDEO DETECTION CAMERA        h TERMINAL CABINET
- c MAST ARM MTD SIGN                i APS PPB-M
- d PRE-EMPT DETECTOR                j HANDHOLE
- e POST MOUNTED SIGN                k STREET NAME SIGN
- f LUMINAIRE                              \* CAPPEN TENON FOR FUTURE SIGNAL HEAD

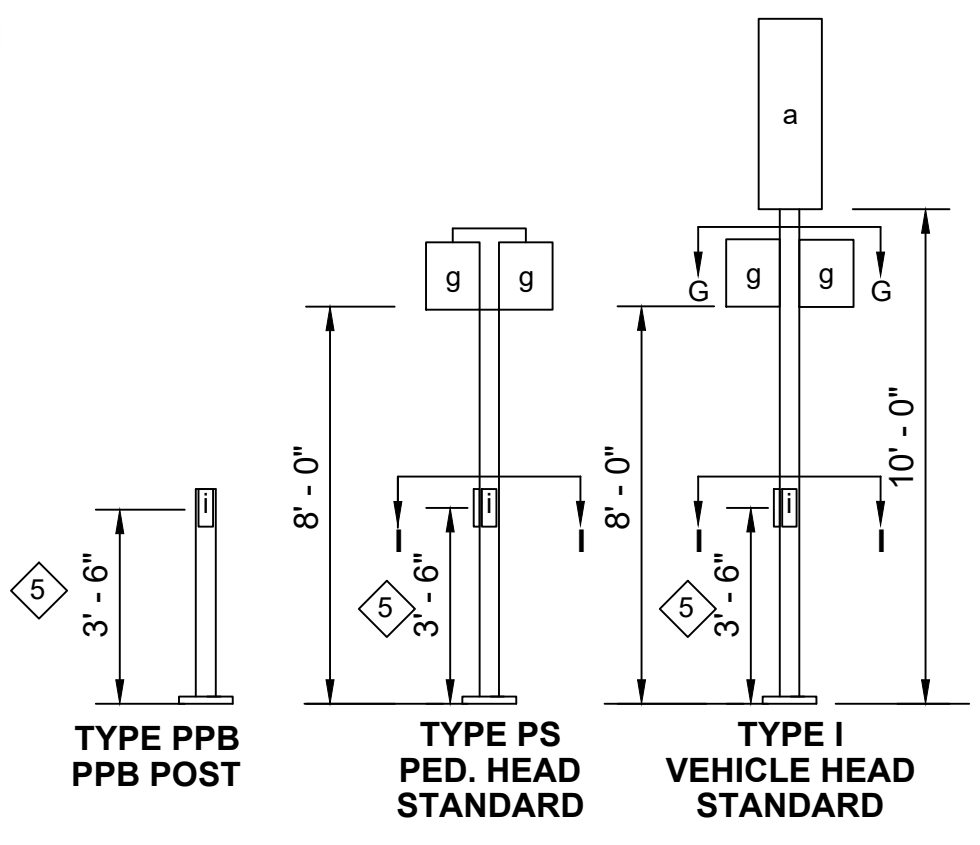
**NOTES**

- ① MOUNTING COUPLING INSTALLED AT OFFSET DISTANCE INDICATED IN CHART. FOR TYPE N MOUNTS ONLY, DRILL 1" DIA. HOLE IN MAST ARM AND INSTALL PLASTIC SPLIT BUSHING FOR CABLE ENTRANCE.
- ② FIELD INSTALLED.
- ③ FOR POST MOUNTED SIGNS THERE WILL BE 2' - 0" MIN. FROM THE FACE OF THE CURB OR THE EDGE OF THE SHOULDER TO THE EDGE OF THE SIGN
- ④ PLACEMENT WILL BE 2' - 0" MIN. FROM FACE OF CURB OR EDGE OF SHOULDER; 3' - 0" MIN. FROM FACE OF GUARDRAIL; 4' - 0" MIN. FROM CONC. BARRIER TYPE 2 (MEASURED FROM A POINT WHERE THE BARRIER BASE MEETS THE SHOULDER SURFACE (TOE). MEASUREMENT TAKEN FROM TRAFFIC SIDE OF BARRIER; TO FACE OF POLE)
- ⑤ 3' - 6" MEASURED FROM SIDEWALK SURFACE TO CENTER OF PEDESTRIAN PUSH BUTTON

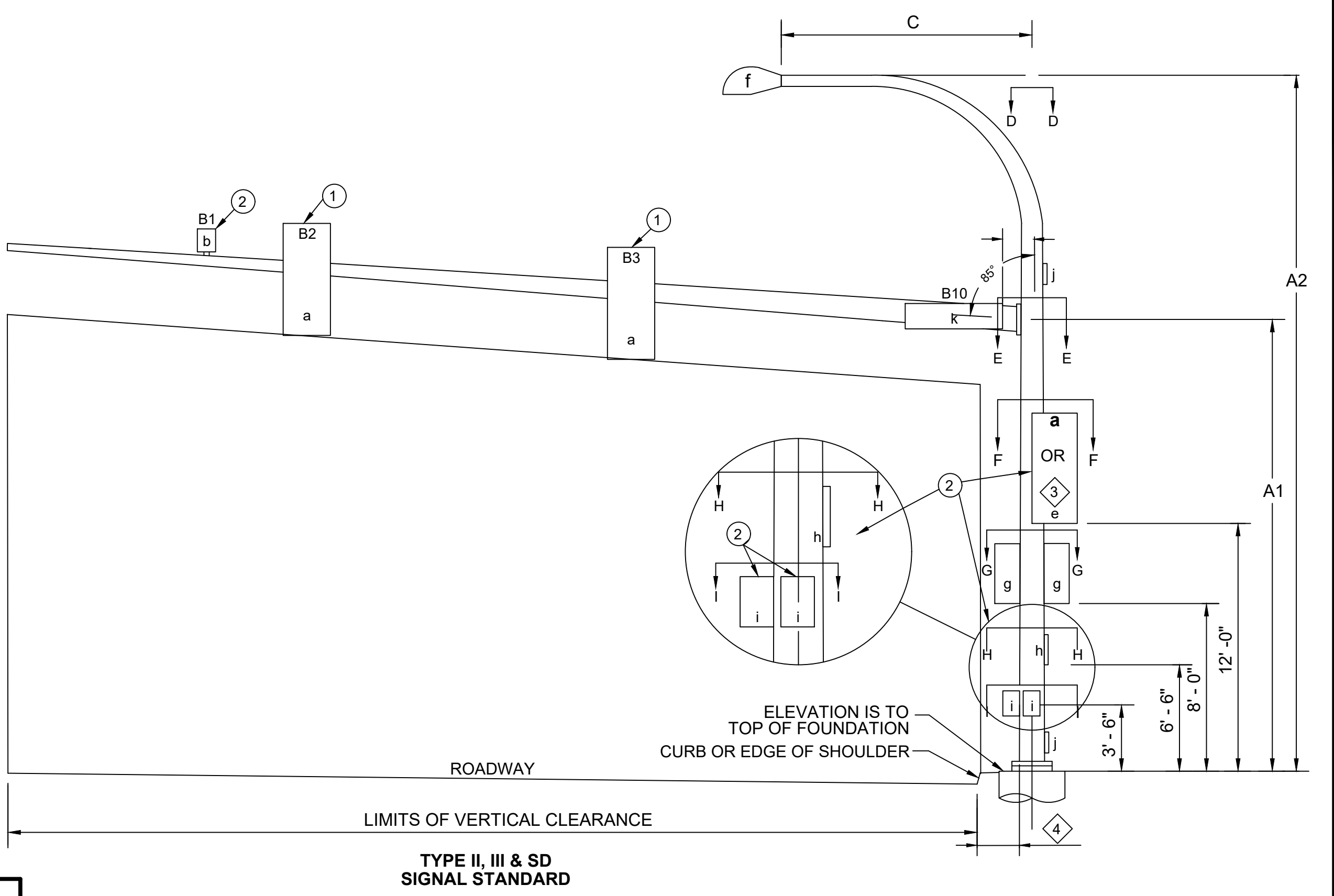
MEASURE ATTACHMENT POINT ANGLES CLOCKWISE FROM POLE ORIENTATION LINE (E1 ATTACHMENT POINT) TO THE ATTACHMENT POINT LOCATION



**POLE ORIENTATION AND ATTACHMENT POINT DETAIL**



STANDARD TYPE	WSDOT STANDARD PLAN REFERENCES			
	POLE	FOUNDATION		ELECTRICAL
		STANDARD	CURB	
PPB	FIXED	J-20.10	J-20.10	J-20.10
	BREAKAWAY	J-20.15	J-20.15	J-20.15
PPS	J-20.16	J-21.10	J-20.11	J-20.20
I	J-21.15	J-21.10		J-21.20
II, II, SD	N/A		N/A	N/A



**SIGNAL STANDARD DETAIL CHART (4TH ST NW / W STEWART AVE)**

STD. No.	FIELD LOCATION				P.O.A.	POLE TYPE	ARM LENGTH (FT)	MOUNTING HEIGHT (FT)	SIGNAL MAST ARM DATA						LUMINAIRE ARM (FT)	CALCULATE POLE XYZ (FT³)	FOUNDATION DESIGN XYZ (FT³)	SOIL BEARING PRESSURE (PSF)	POLE ATTACHMENT POINT ANGLES (deg.)						FOUNDATION DESIGN XYZ (FT³)					REMARKS					
									OFFSETS (FT) (POLE TO ATTACHMENT POINT)			WINDLOAD AREAS (FT²) (X) (Y)													ALTERNATE 1		ALTERNATE 2								
	STATION	OFFSET	LT.	RT.					B1	B2	B3	B1	B2	B3					C	D	E	F	G	H	I	3' RD	3' SQ	4' RD	3' RD		4' SQ				
G	R06 16+95.2	47.7		RT.	14	II	38	19.5						594	700	1000																			
H	R06 16+9.7	24.3		RT.	0	I																													

FOR INFORMATION ONLY to support Permit E21-0599. See E21-0022 for pole

**City of Puyallup**  
Development & Permitting Services  
**ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

**ISSUED FOR CONSTRUCTION**

DESIGNED BY:  
Y. WANG  
DRAWN BY:  
B. NIEHOFF  
CHECKED BY:  
S. RAHMAN  
APPROVED BY:  
Y. WANG



SUBMITTED BY:  
SARA ROBERTS

DATE:  
10/05/2021  
REVIEWED BY:  
GREG SHIMIZU

PACKAGE # DP-3 PUBLIC RIGHT-OF-WAY STREET IMPROVEMENTS

**SOUNDTRANSIT**  
SCALE: NTS  
FILENAME: S317-F1592-TSD201  
CONTRACT No.: RTA/CN 0612-18  
SUBMITTAL DATE: 10/05/2021

**PUYALLUP STATION PARKING**  
CONTRACT RTA/CN 0612-18  
PUYALLUP STATION PARKING AND ACCESS IMPROVEMENTS  
TRAFFIC SIGNAL STANDARD DETAIL CHART

DRAWING No.: **F1592-TSD201**  
FACILITY ID: F1592  
SHEET No.: 93 REV: 0