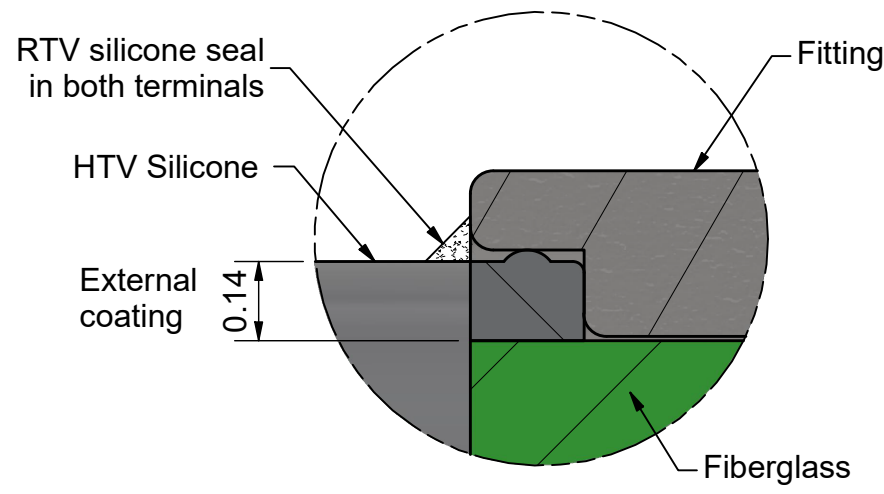
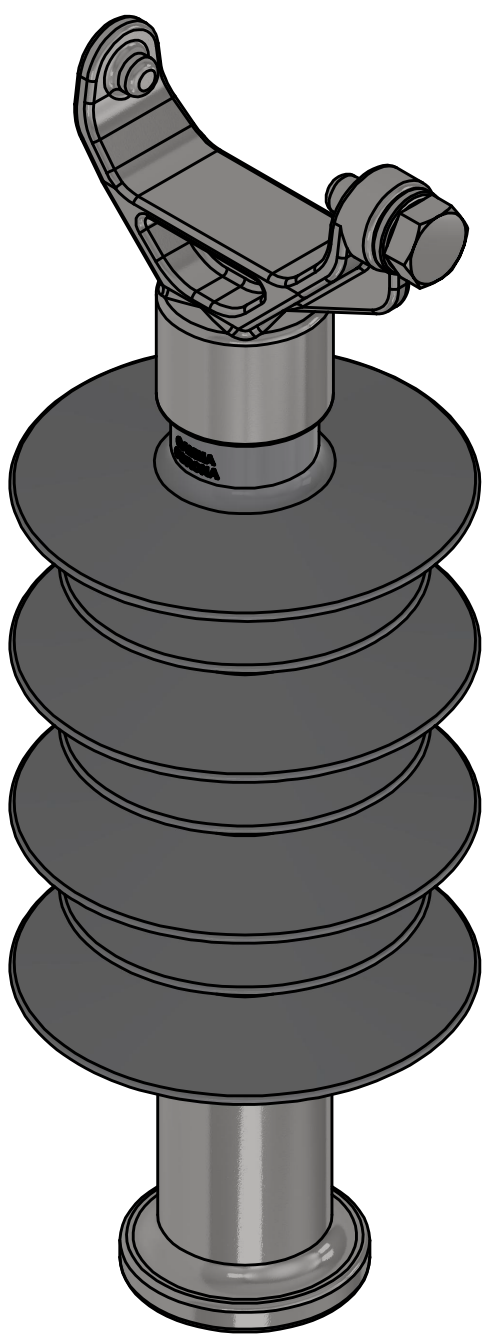
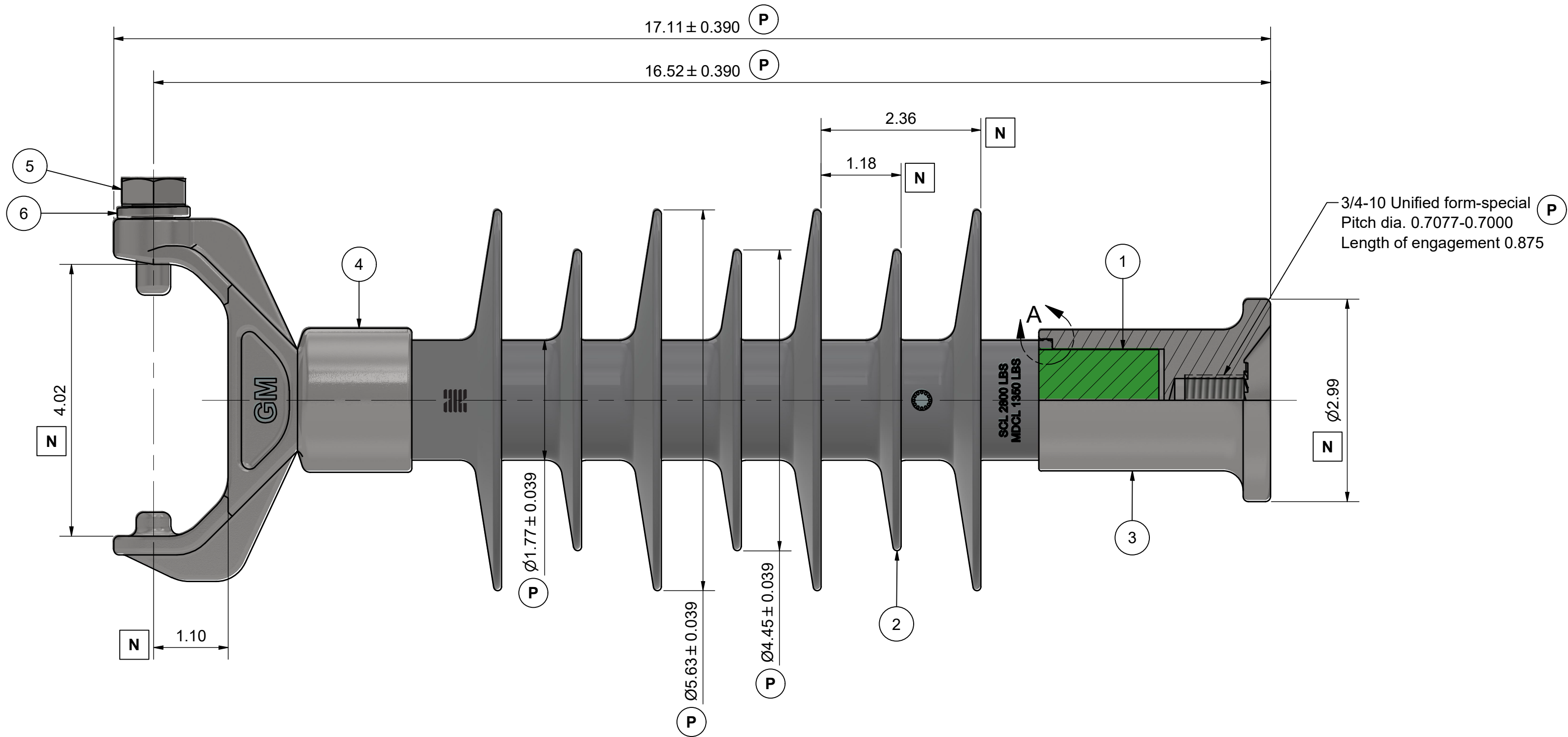


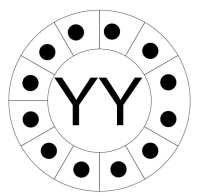


DETAIL A
SCALE 3:1

SILICONE MARKING DETAIL



Mark #1
NEWELL



Mark #2
Traceability
(Year-Month)

SCL 2800 LBS
MDCL 1350 LBS

Mark #3
Mechanical
Parameters

FITTINGS MARKS:

- * 35 kV
- * GM

ELECTRICAL CHARACTERISTICS:

Voltage: 35 kV
Leakage distance: 30.20 Inch (P)
Arcing distance: 11.10 Inch (P)
Low frequency flashover dry: 130 kV
Low frequency flashover wet: 95 kV
Critical impulse flashover positive: 210 kV

MECHANICAL CHARACTERISTICS:

Specified cantilever load (SCL): 12.45 kN (2.800 lbs)
Specified tension load (STL): 22.24 kN (5.000 lbs)
Maximum design cantilever load (MDCL): 6.0 kN (1.350 lbs)
Total weight insulator (Approx.): 4.79 Kg

DIMENSIONS:

Core diameter: Ø1 1/2 Inch
Quantity of sheds: 7 Units

NOTES:

- * Fittings according to ANSI C29.18
- * Galvanizing of the fittings according to ASTM A153

PARTS LIST				
ITEM	QTY	DESCRIPTION	MATERIAL	CODE
1	1	Core	Fiberglass	38,0x313,5-01
2	1	Insulating body	HTV Silicone	APL035KV-01
3	1	Bottom fitting	Forged steel ASTM A29/A29M-1045 hot-dip galvanized	AD03-4BF0-PHC01
4	1	Top fitting vertical clamp top	Nodular iron ASTM A536 class 65-45-12 hot-dip galvanized	AD0CTNV-PHC01
5	1	Bolt 5/8-11x1 1/2 UNC	Steel B-113 or 1018-1022 hot-dip galvanized	3225-EHT01
6	1	Spring lock washer 5/8	Steel B-113 or 1018-1022 hot-dip galvanized	5-8-1,073-03

(N) Dimension without protocol

(P) Dimension with protocol

 Newell A PGC Company	REF(S): NCLP03513			CONTENT: COMPOSITE LINE POST, 35 kV, 51-13.		CUSTOMER:
	DRAW: Lizeth Bedoya Cossio.	DATE: 2025/05/19	DIN. IN: Inch			
	REV:	SAP CODE:	SC:			
	APPROVER: David Gonzalez.	NCLP03513	1:1.4	