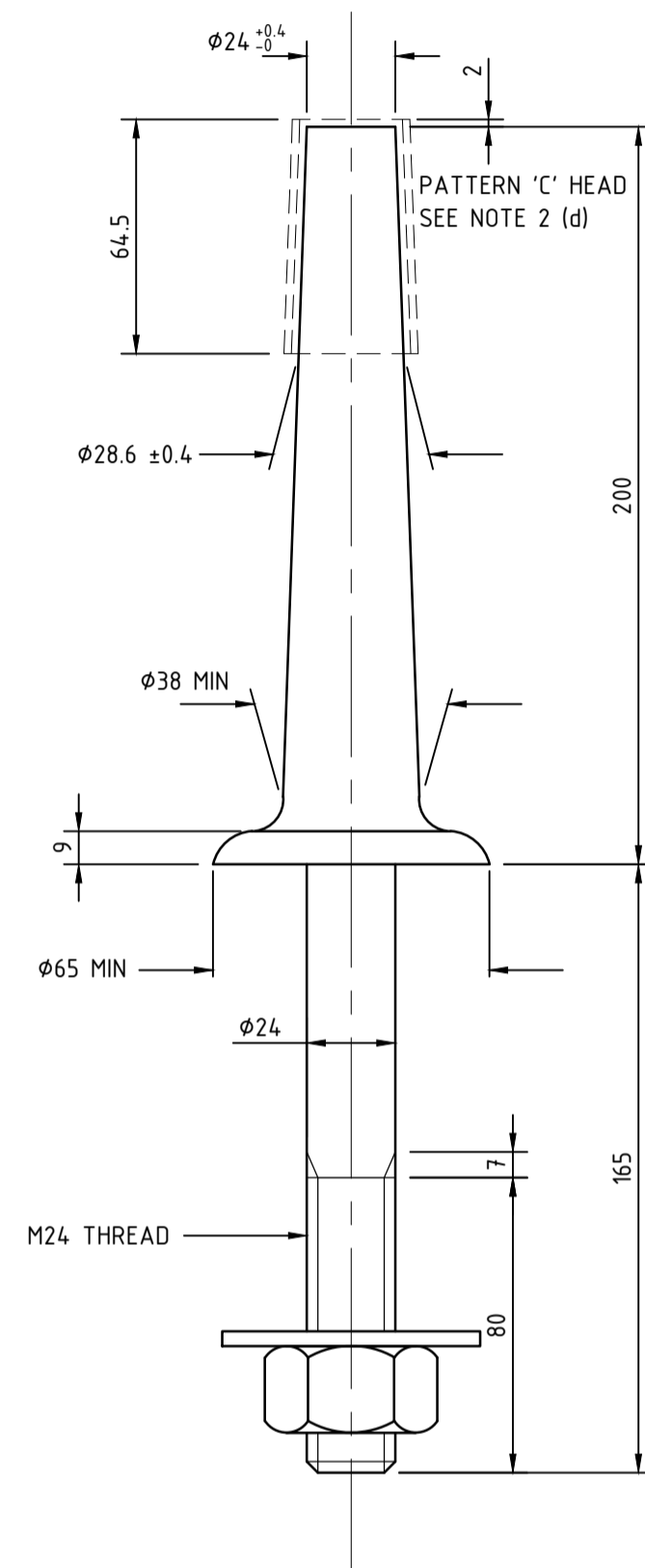
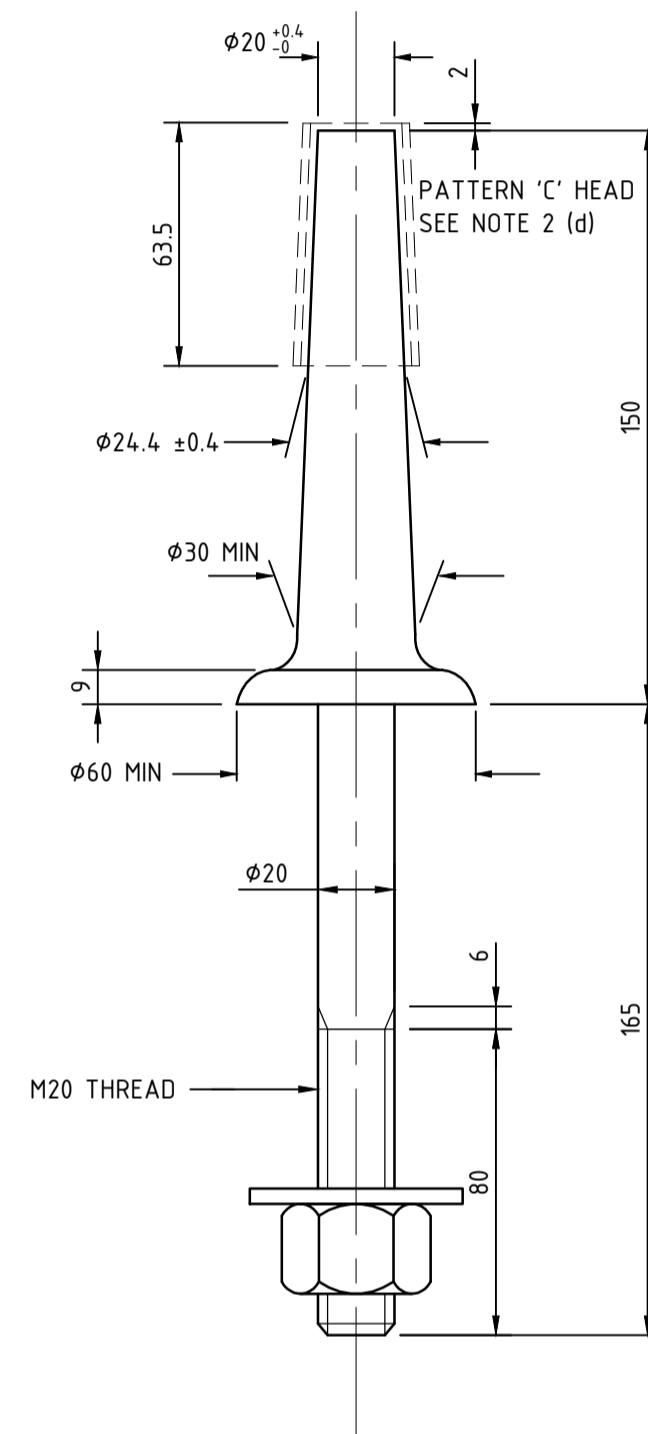


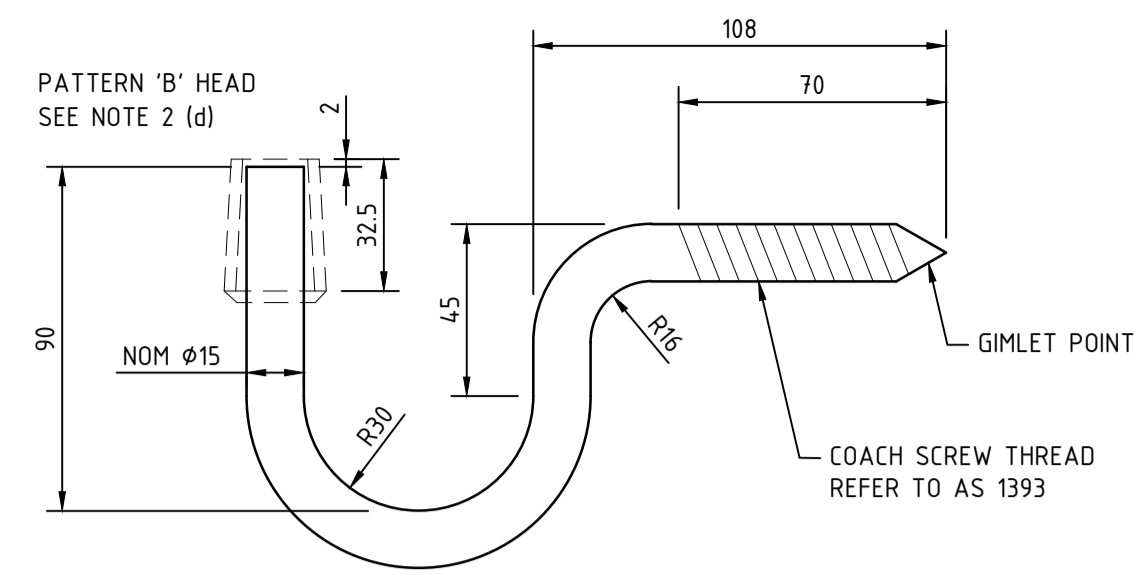
TYPE C/300/7



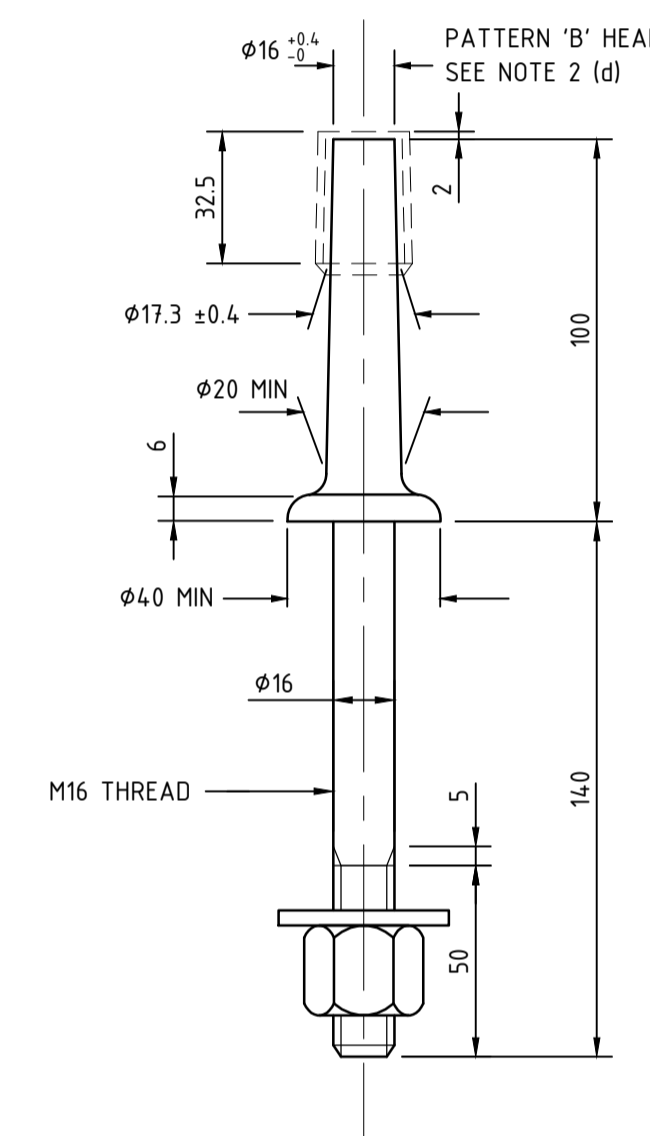
TYPE C/200/11



TYPE C/150/7



SWAN NECK PIN



TYPE B/100/3.5

NOTES

1. GENERAL
WHERE APPLICABLE EACH PIN TO BE SUPPLIED WITH A GALVANISED NUT AND GALVANISED WASHER AS SHOWN
2. PINS
 - (a) MATERIAL: PINS TO BE FORGED FROM HOT ROLLED CARBON STEEL GRADE 'AS 1442/CS1030 OR EQUIVALENT (MIN. U.T.S. 470 MPa)
 - (b) PIN SHANK: SHANK LENGTH SHOWN IS SUITABLE FOR STANDARD TIMBER CROSSARMS AND POLE TOP BRACKETS
 - (c) THREAD: THE FORM OF THREAD SHALL BE ISO METRIC COARSE PITCH 'SERIES' 8g TO 'AS1275'. THE THREAD RUNOUT TO BE AS SPECIFIED.
 - (d) HEAD OF INSULATORS PINS: THE MATERIAL OF HEADS TO BE LEAD ALLOY (95% LEAD AND 5% ANTIMONY). IF PLASTICS OR OTHER TYPE OF MATERIAL IS USED FOR HEAD, SUCH MATERIAL SHALL NOT IMPAIR THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE INSULATOR AND PIN ASSEMBLY. THE SHAPE OF HEADS AND THREAD FORMS TO BE IN ACCORDANCE WITH 'AS 4899'. PARTICULAR ATTENTION SHOULD BE MADE TO THE TRUNCATED THREAD FORM AT THE MAJOR DIAMETER. THIS IS TO ENSURE THAT THE THREAD DOES NOT BIND AGAINST THE THREAD OF THE MINOR DIAMETER OF THE INSULATOR DURING ASSEMBLY. THE HEAD COLLAR WHICH IS AN INTEGRAL PART OF PATTERN 'A' AND 'B' HEADS TO BE AS SHOWN. HEADS TO BE FIRMLY FIXED TO PIN. LEAD HEADS SHOULD BE FITTED WITH A FIRM CARDBOARD CYLINDER FOR PROTECTION DURING TRANSIT.
 - (e) PROTECTIVE COATING: PINS TO BE HOT DIP GALVANISED. THE MASS AND QUALITY OF COATING AND THE FINISH OF THREADS TO MEET THE REQUIREMENTS OF 'AS 1214'
 - (f) MINIMUM FALLING LOAD: THE MINIMUM FALLING LOAD SHALL BE ESTABLISHED BY TYPE TEST IN ACCORDANCE WITH 'AS 4899'. IT SHOULD BE NOTED THAT THIS FALLING LOAD IS A LOAD APPLIED 25.5 mm ABOVE THE TOP FOR PATTERNS 'A' AND 'C' PINS AND AT THE PIN TOP FOR PATTERN 'B' PINS. FALLING LOADS AND CONSEQUENT WORKING LOADS OF PIN AND INSULATOR ASSEMBLIES DEPEND ON THE DISTANCE BETWEEN THE TOP OF THE PIN HEAD AND THE SIDE GROOVE OF THE INSULATOR AND SUCH LOADS SHOULD BE MODIFIED ACCORDINGLY.
3. NUTS:
NUTS SUPPLIED SHALL BE HEXAGON DOUBLE CHAMFERED STRENGTH GRADE 5 TO 'AS 1112'. NUTS TO BE HOT DIP GALVANISED. THE MASS AND QUALITY OF COATING AND THE THREAD TOLERANCES TO MEET THE REQUIREMENTS OF 'AS 1214'
4. WASHERS:
WASHERS SUPPLIED SHALL BE LARGE SERIES TO 'AS 1237' TABLE 3. WASHERS TO BE HOT DIP GALVANISED. THE MASS AND QUALITY OF COATING TO MEET THE REQUIREMENTS OF 'AS 1214'
5. SWAN NECK PINS:
 - (a) GENERAL: SWAN NECK PINS TO COMPLY WITH NOTES 2(a), 2(d), 2(e) AND 2(f).
 - (b) THREAD: THE FORM OF COACH SCREW THREAD TO BE IN ACCORDANCE WITH 'AS1393'

CAD DRAWING	DO NOT MANUALLY AMEND
AMENDMENTS	
NOTES REVISION	
4	CHD: P. HUDSON DATE: 03-07-2015 APP'D BY: K. GALLEN



SCALE	1:2
DESIGNED	
DRAWN	R. Mc.
CHECKED	
APPROVED	SIGNED ON ORIGINAL
DATE	15-11-1973
PRJTRK No.	
PROJECT NUMBER	

OVERHEAD CONSTRUCTION 11kV AND L.V. OVERHEAD MAINS PIN TYPE INSULATOR PIN DETAILS			
DRAWING No	49216	SHEET	1
AMD	4	SIZE	A1