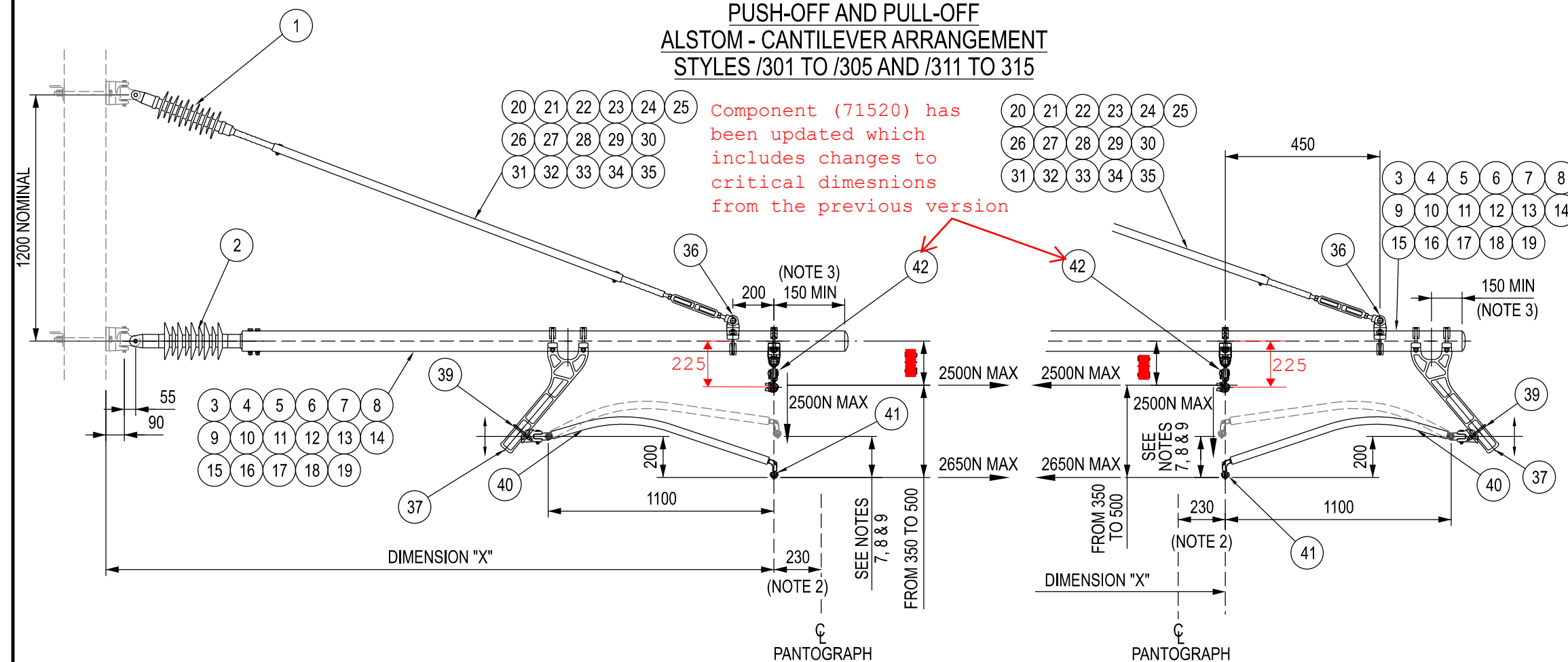


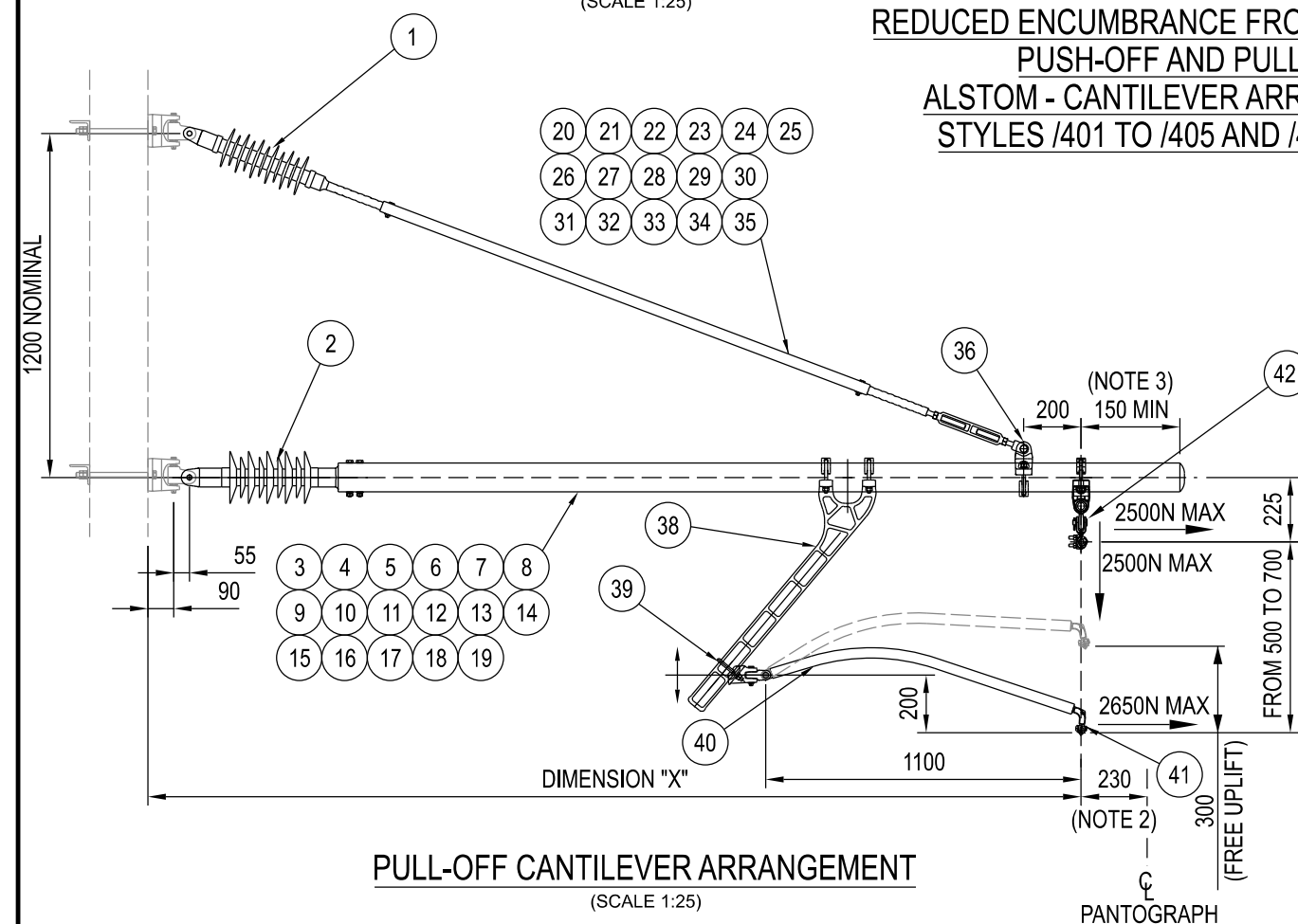
REDUCED ENCUMBRANCE FROM 350 to 500mm
PUSH-OFF AND PULL-OFF
ALSTOM - CANTILEVER ARRANGEMENT
STYLES /301 TO /305 AND /311 TO 315



PULL-OFF CANTILEVER ARRANGEMENT
(SCALE 1:25)

PUSH-OFF CANTILEVER ARRANGEMENT
(SCALE 1:25)

REDUCED ENCUMBRANCE FROM 500 to 700mm
PUSH-OFF AND PULL-OFF
ALSTOM - CANTILEVER ARRANGEMENT
STYLES /401 TO /405 AND /411 TO /415



PULL-OFF CANTILEVER ARRANGEMENT
(SCALE 1:25)

PUSH-OFF CANTILEVER ARRANGEMENT
(SCALE 1:25)

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS OTHERWISE STATED.
2. FOR TANGENT TRACK THE NOMINAL CONTACT WIRE STAGGER IS 230mm. FOR MAXIMUM STAGGERS AT CURVED TRACK REFER TO UKMS AND UKMS-R1 ALLOCATION MANUAL.
3. DIMENSIONS SHOWN SHALL BE ADHERED TO AT CONSTRUCTION FINAL REGISTRATION.
4. ALL DIMENSIONS ARE BASED ON A STANDARD CLEVER 1100mm CURVED TYPE STEADY ARM (MS/C21/E12).
5. FOR ALLOCATION TABLE SEE SHEET 5.
6. AVAILABLE FREE UPLIFT IS 220 FOR A SYSTEM HEIGHT OF 350-370mm
7. AVAILABLE FREE UPLIFT IS 250 FOR A SYSTEM HEIGHT OF 370-420mm
8. AVAILABLE FREE UPLIFT IS 300 FOR A SYSTEM HEIGHT >420mm

| NUMERICAL REVISION SUPERSEDES REVISIONS WITH LETTER PREFIX e.g Pxx and Axx | | | | | |
|--|----------|--------------------------------------|-------|------|------|
| 02 | 31/03/22 | STYLES & TITLE UPDATED | DO | SS | BC |
| 01 | 19/03/21 | ALLOCATIONS IN SHEET 3 AND 4 AMENDED | SO | MN | AJN |
| 00 | 14/06/18 | NEW CANTILEVER RANGE ADDED | DO | BC | SB |
| Rev | Date | Description of Revisions | Drawn | Chkd | Appr |
| Status | | | | | |

APPROVED



Safety, Technical & Engineering
Contact Systems AC/DC
The Quadrant:MK
Elder Gate
Milton Keynes
MK9 1EN

Project
UK MASTER SERIES

Drawing Title
**REDUCED ENCUMBRANCE
CANTILEVER ASSEMBLY
GREATER THAN 340mm ENCUMBRANCE**

| | | | | | |
|----------|----------|--------|----|------|----------|
| Designed | D.OWEN | Signed | DO | Date | 14/06/18 |
| Drawn | D.OWEN | Signed | DO | Date | 14/06/18 |
| Checked | B.CALDER | Signed | BC | Date | 14/06/18 |
| Approved | S.BJORK | Signed | SB | Date | 14/06/18 |

Scale(s)
AS SHOWN

Alternative Reference
Sheet
03 of 06

Drawing Number
MS/C99/B08/A3
Revision
02