2 OPTIONS FOR STORING PARTS AND DRAWINGS IN TEAMCENTER. THERE IS A THIRD OPTION WHICH HAS THE DRAWING EMBEDDED IN THE PART FILE (THE THIRD OPTION DOES NOT OFFER CONCURRENT ENGINEERING, SO WE HAVE DECIDED NOT TO CONSIDER IT.)

TWO DIFFERENT WAYS TO CREATE AND STORE PARTS THAT ARE DEFINED ON A SINGLE DETAIL DRAWING

Option #1: Part and Drawing as separate datasets under same item revision

12345-01/BRACKET	(ITEM)
12345-01/A/BRACKET	(ITEM REVISION)
NX CAD MODEL	(UG MASTER DATASET)
NX DRAWING	(UG NON-MASTER DATASET)

SIMILAR NX CAD PARTS CREATED AS A PART FAMILY, STORED UNDER THE SAME ITEM/ITEM REVISION:

12345-01
  12345-02 (part family member of 12345-01)
  12345-03 (part family member of 12345-01)
  12345-04 (part family member of 12345-01)
  12345-05 (part family member of 12345-01)

Option #2: Part and Drawing as separate datasets under different item revisions

12345-01/BRACKET	(ITEM)
12345-01/A/BRACKET	(ITEM REVISION)
NX CAD MODEL	(UG MASTER DATASET)

12345/BRACKET	(ITEM)
12345/A/BRACKET	(ITEM REVISION)
NX DRAWING	(UG NON-MASTER DATASET)

SIMILAR NX CAD PARTS CREATED AS SEPARATE PARTS, STORED UNDER THEIR OWN ITEM/ITEM REVISION:

12345-01

12345-02

12345-03

12345-04

12345-05