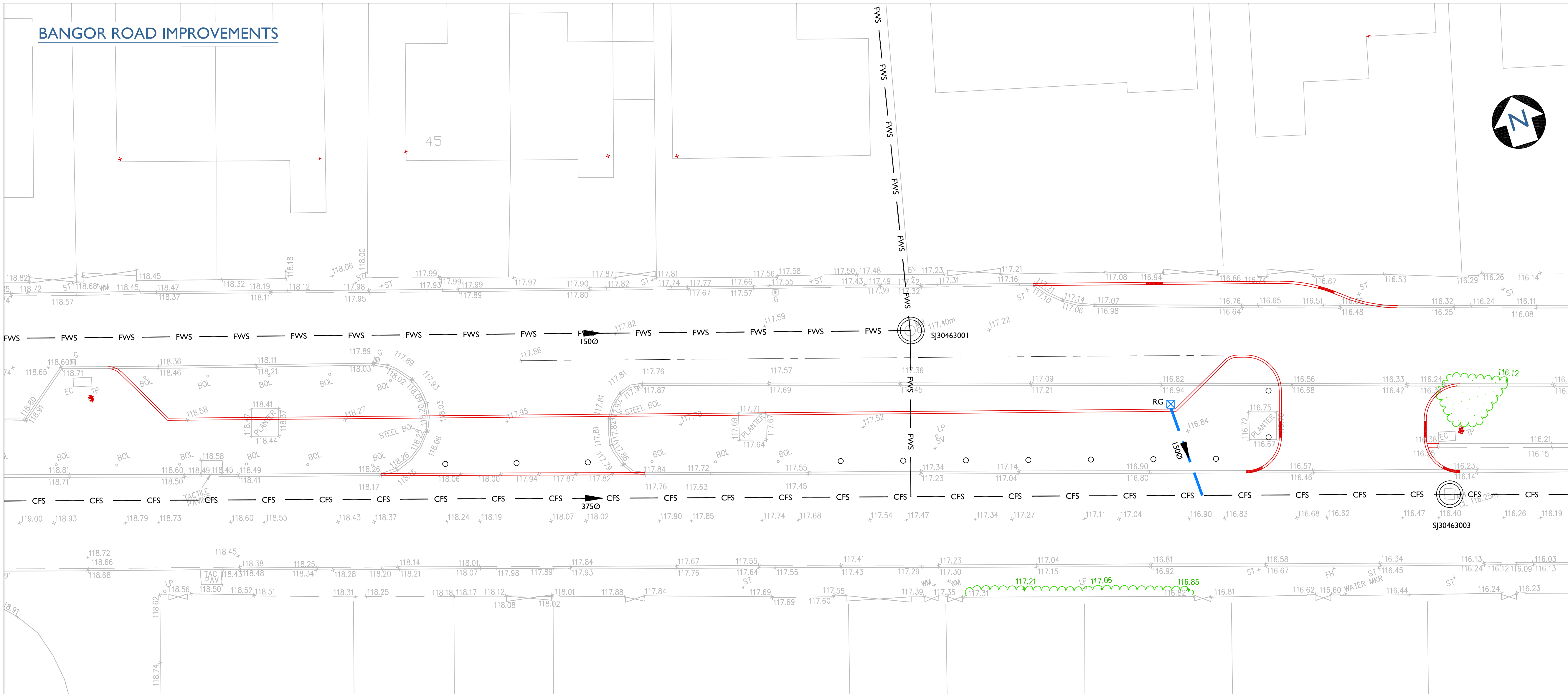


BANGOR ROAD IMPROVEMENTS

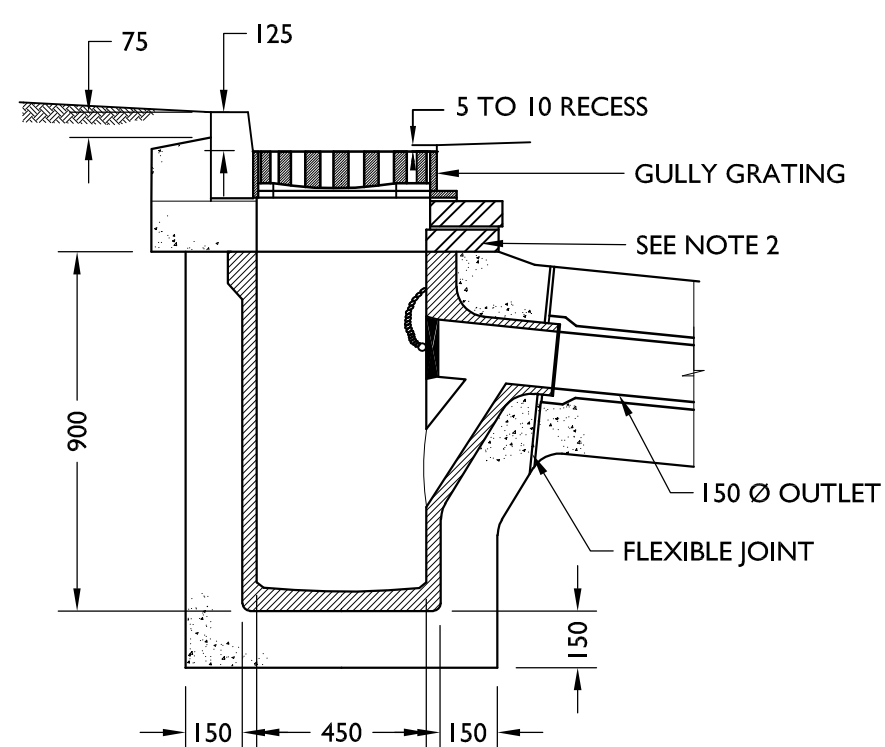


NOTES

1. THE WORKS SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS, NATIONAL BUILDING SPECIFICATION (NBS) AND SEWERS FOR ADOPTION, 7TH EDITION.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS DRAWINGS, ARCHITECTS DRAWINGS, MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS.
3. THE LOCATION, LINE & LEVEL OF ALL KNOWN EXISTING BURIED SERVICE MAINS AND DRAINAGE PIPEWORK INDICATED ON THE DRAWINGS ARE APPROXIMATE AND FOR GUIDANCE PURPOSES ONLY. IT IS THE CONTRACTORS RESPONSIBILITY TO DETERMINE THEIR EXACT LINE & LEVEL BY WAY OF HAND EXCAVATED TRIAL PITS, PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS ON SITE. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN THE STRUCTURAL INTEGRITY OF ALL ABOVE AND BELOW GROUND SERVICE MAINS / DRAINAGE INSTALLATIONS.
4. THE CONTRACTOR MUST COMPLY WITH ALL CURRENT LEGISLATION RELATING TO HEALTH & SAFETY.
5. THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL TEMPORARY WORKS, AND IS ALSO RESPONSIBLE FOR THE SAFE MAINTENANCE AND STABILITY OF EXISTING BUILDINGS AT ALL TIMES.
6. THE MAIN CONTRACTOR IS RESPONSIBLE FOR THE MITIGATION OF ALL OCCURRENCES OF GROUND WATER DURING THE CONSTRUCTION PERIOD.
7. THE CONTRACTOR SHALL MAKE ALLOWANCE FOR RAISING / LOWERING ALL EXISTING ACCESS COVERS & FRAMES TO SUIT NEW FINISHED LEVELS.
8. ALL SOFT / HARD PAVED AREAS AFFECTED BY THE WORKS SHALL BE FULLY REINSTATED UPON COMPLETION OF THE WORKS. ALL SURFACE MARKINGS DAMAGED BY THE WORKS SHALL BE FULLY REINSTATED.
9. ALL SURPLUS EXCAVATED MATERIAL SHALL BE DISPOSED OF OFF SITE.
10. ALL LEVELS ARE TO ORDNANCE DATUM

KEY

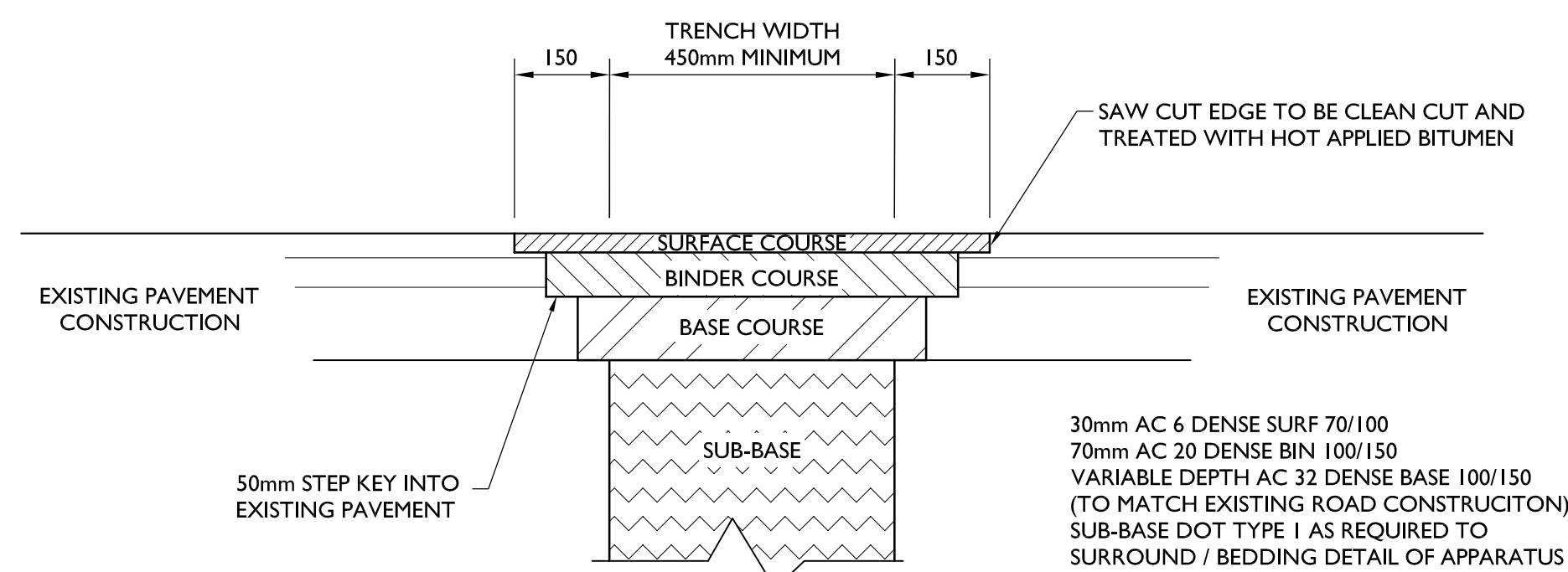
- FWS EXISTING FOUL WATER SEWER
- CFS EXISTING COMBINED FLOW SEWER
- PROPOSED HIGHWAY DRAINAGE
- RG PROPOSED TRAPPED ROAD GULLY



STANDARD ROAD GULLY DETAIL

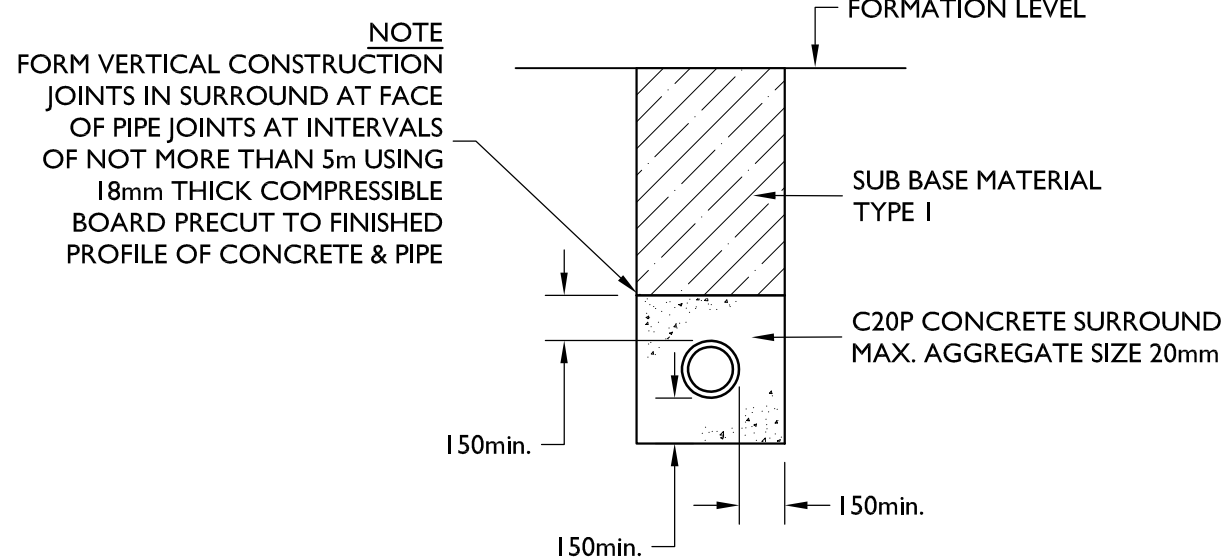
SCALE 1:20

1. DUCTILE IRON GULLY GRATING AND FRAME TO BS EN 124 LOAD CLASS D400 BEDDED ON 10mm 1:3 SAND/CEMENT MORTAR (NON-ROCK DESIGN).
2. COVER AND FRAME TO BE SEATED ON 2 COURSES MIN, 4 COURSES MAX OF ENGINEERING BRICKWORK CLASS "B"
3. GULLY POTS TO BE PRECAST CONCRETE TO BS 5911 PART 2 WITH 150mm THICK ST4 CONCRETE FOUNDATION AND SURROUND. OUTLET TO BE 150mm DIA, TRAPPED, WITH GALVANIZED METAL CHAIN AND STOPPER.
4. UNLESS OTHERWISE STATED PIPE CONNECTION BETWEEN MAIN RUN AND GULLY CONNECTION TO BE BEDDING TYPE Z.
5. MINIMUM WATERWAY OF GULLY TO BE 916mm.



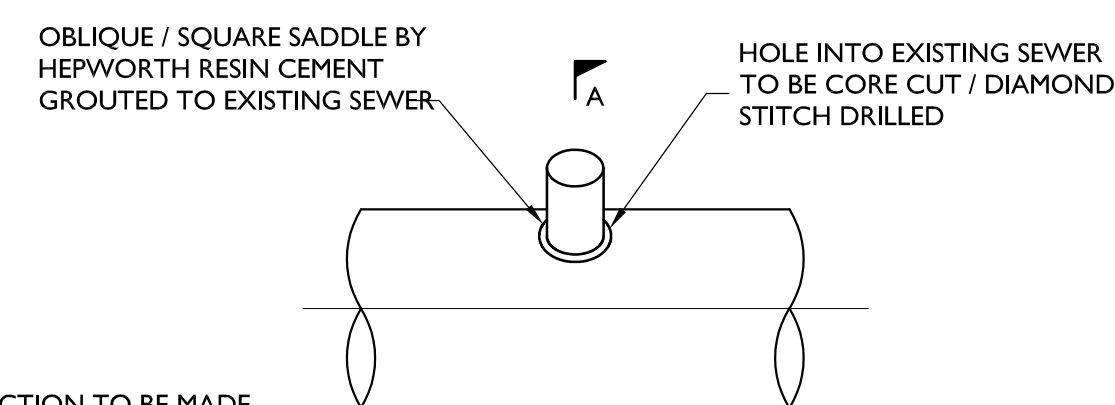
CARRIAGEWAY TRENCH DETAIL

SCALE 1:10

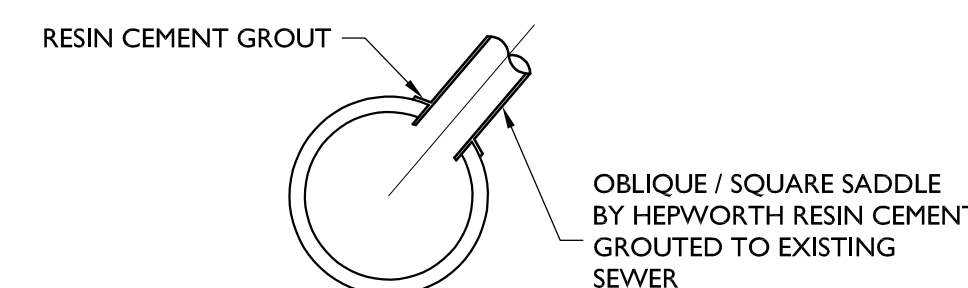


PIPE BEDDING - TYPE Z

SCALE 1:25



NOTE
CONNECTION TO BE MADE ABOVE HALF BORE WATER LINE. CARE TO BE TAKEN TO ENSURE NO DEBRIS FROM THE CONNECTION WORK ENTERS THE EXISTING SEWER



SADDLE CONNECTION

SCALE 1:20

POI	ISSUED FOR REVIEW	RH	MM	JP	19.11.2021
REV	DESCRIPTION	BY	CHK	APR	DATE

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PURPOSE OF ISSUE	FOR REVIEW	STATUS	S3
PROJECT	YSGOL YR HAFOD JOHNSTOWN		
TITLE	HIGHWAY PROPOSALS DRAINAGE REQUIREMENTS		
CLIENT			
DRAWN BY	RH	CHECKED BY	MM
DATE	19.11.2021	APPROVED BY	JP
SCALE (@ A1)	1:125	PROJECT NUMBER	94001
DRAWING NUMBER	HAF-JPS-XX-XX-DR-C-1106	REV	P01