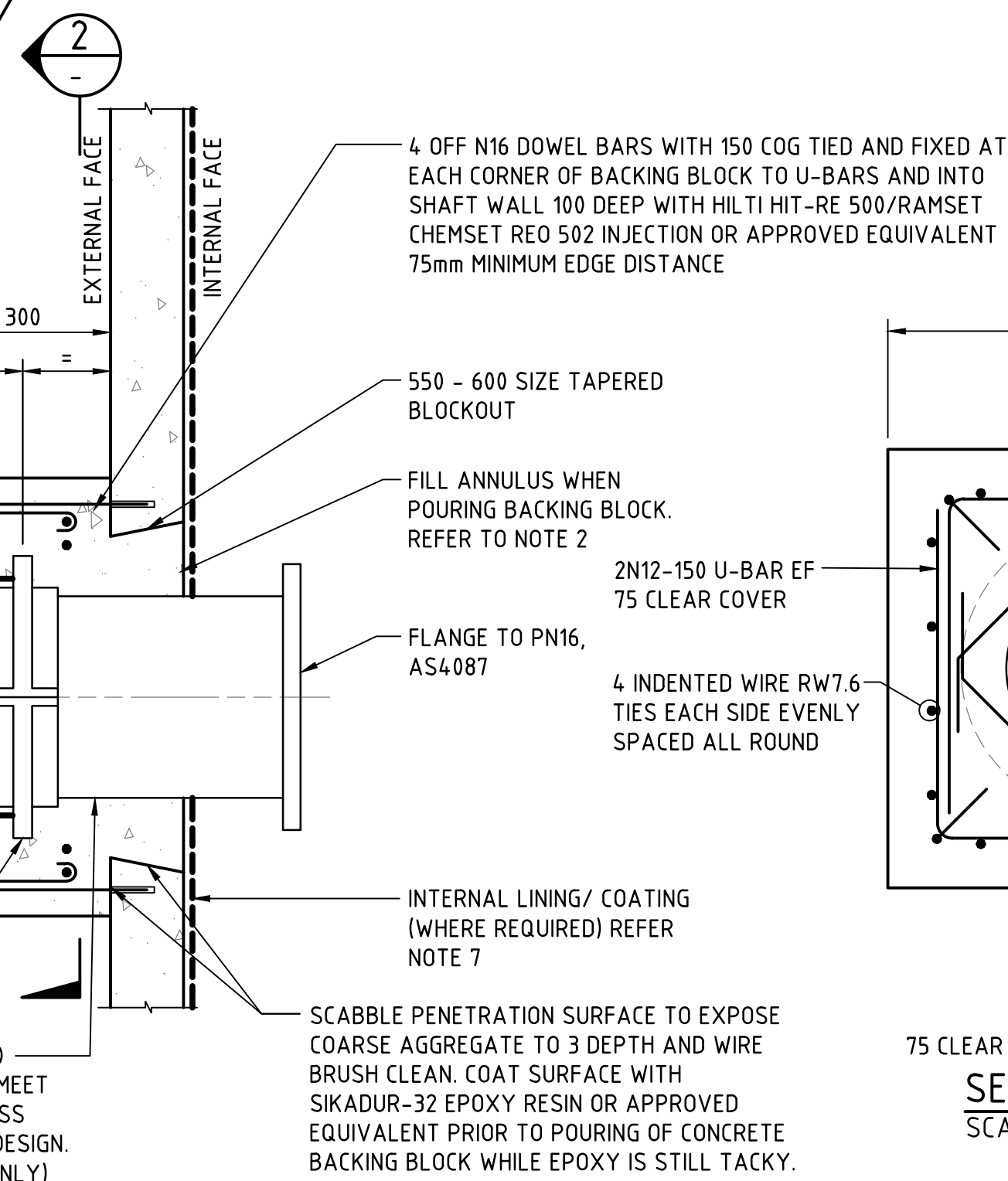


NOTES:

- FOR TYPE OF PENETRATION TO BE APPLIED FOR EACH PIPE CONNECTION REFER TO APPLICATION NOTES ON DTC/6001.
- FOR ALL MAINS/PIPES/CONDUITS <DN250, PROVIDE A 25 MINIMUM ANNULUS ROUND. REFER TABLE 1 DTC/6024. FOR ALL OTHERS MAINS PROVIDE A BLOCKOUT WITH A 100 MINIMUM ANNULUS ROUND.
- ALL DIMENSION SHOWN BASED ON A SECTION TAKEN AT THE CENTRE OF PIPEWORK PENETRATION.
- WHERE CALCIUM ALLUMINATE CEMENT LINING IS NOT AVAILABLE DI PIPE SHALL BE COATED INTERNALLY AND EXTERNALLY WITH FBE OR APPROVED EQUIVALENT PROTECTIVE LINER.
- ALL PUDDLE FLANGES TO BE FACTORY FITTED AT A MACHINED GROOVE TO AS/NZS 2280.
- A LAYER OF SAND SHALL BE BONDED TO THE UPVC PIPE WITH SOLVENT CEMENT OVER THE FULL LENGTH OF PENETRATION AFTER CLEANING WITH PRIMING FLUID. SAND COATING SHALL NOT BE APPLIED AT LOCATION OF HYDROPHILIC SEAL.
- FOR TYPICAL HDPE LINING SEALING DETAIL AT PIPE/CONDUIT PENETRATIONS REFER DETAIL 'G' ON DRAWING DTC/6026.

PENETRATION 4 - FOR DN375 - DN525 GRAVITY PIPES

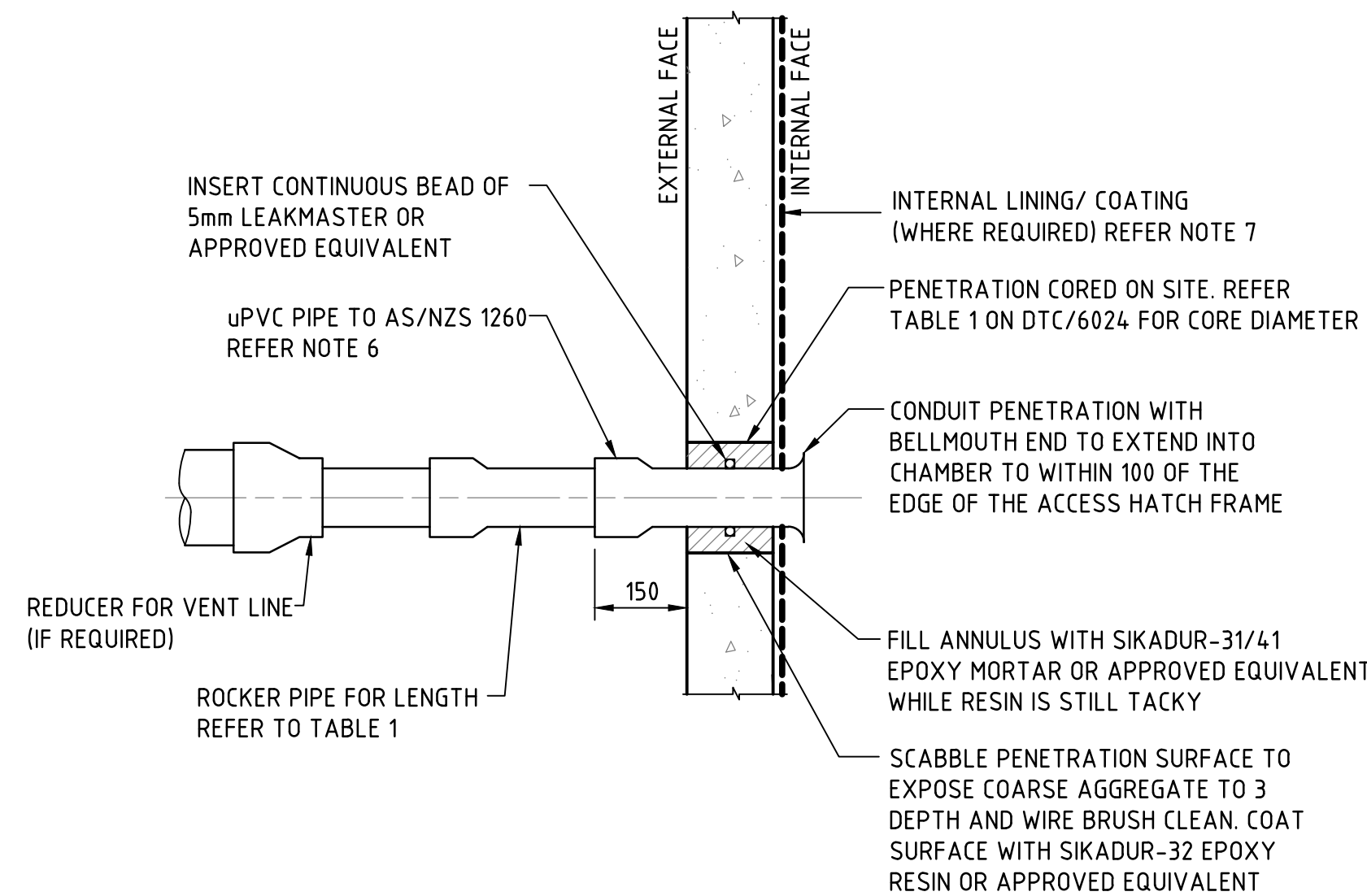
DETAIL
SCALE 1:10P
6013

PENETRATION 5 - FOR DN200 - DN300 GRAVITY OR PRESSURE PIPES

DETAIL
SCALE 1:10N
6013N
6014N
6015

TABLE 1 - ROCKER PIPE DIMENSIONS		
SIZE (DN)	L MIN	L MAX
80	160	240
100	200	300
150	300	450
200	400	600
225	450	675
250	500	750
300	600	900
375	750	1125
450	900	1350
500	1000	1500
525	1050	1575
600	1200	1800

PENETRATION 6 - FOR DN100 - DN150 GRAVITY OR PRESSURE PIPES

DETAIL
SCALE 1:10M
6013

PENETRATION 7 - FOR DN63 - DN300 UPVC PIPES/CONDUITS

DETAIL
SCALE 1:10E
6013E
6014E
6016E
6040(REDUCER FOR DN300x225 VENT LINE REQUIRED
MAXIMUM CORE HOLE PERMITTED = 300mm)**Sydney**
WATER© COPYRIGHT
STATE OF NEW SOUTH WALES THROUGH SYDNEY
WATER CORPORATION. ALL RIGHTS RESERVED

APPROVED

NORBERT SCHAEFER
MANAGER - ENGINEERING

ENGINEERING & TECHNICAL SUPPORT

B
A
LETTER

GENERAL UPDATE (PREVIOUSLY DRAWING DTC/6016)

ORIGINAL ISSUE

DETAILS OF ISSUE / AMENDMENT

NS
KW
APP'D25/06/21
22/06/15
DATE

DEEMED TO COMPLY DRAWINGS

SEWAGE PUMPING STATION
PIPEWORK PENETRATION
DETAILS SHEET 2 OF 3

DTC

6025

ISSUE

DATE

B

25/06/21