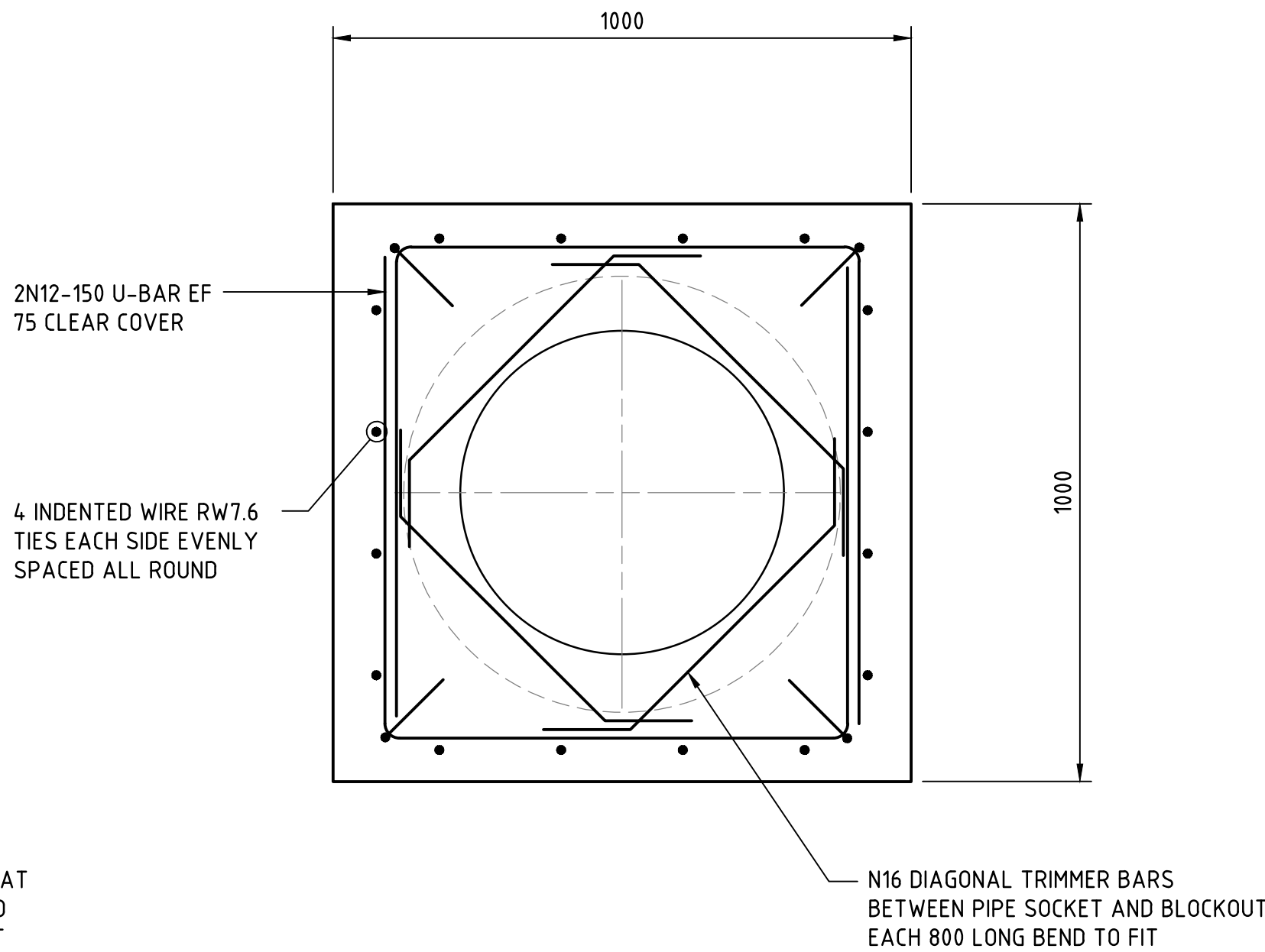


PENETRATION 1 - FOR DN375 - DN525 GRAVITY PIPES

DETAIL Q
SCALE 1:10
6013



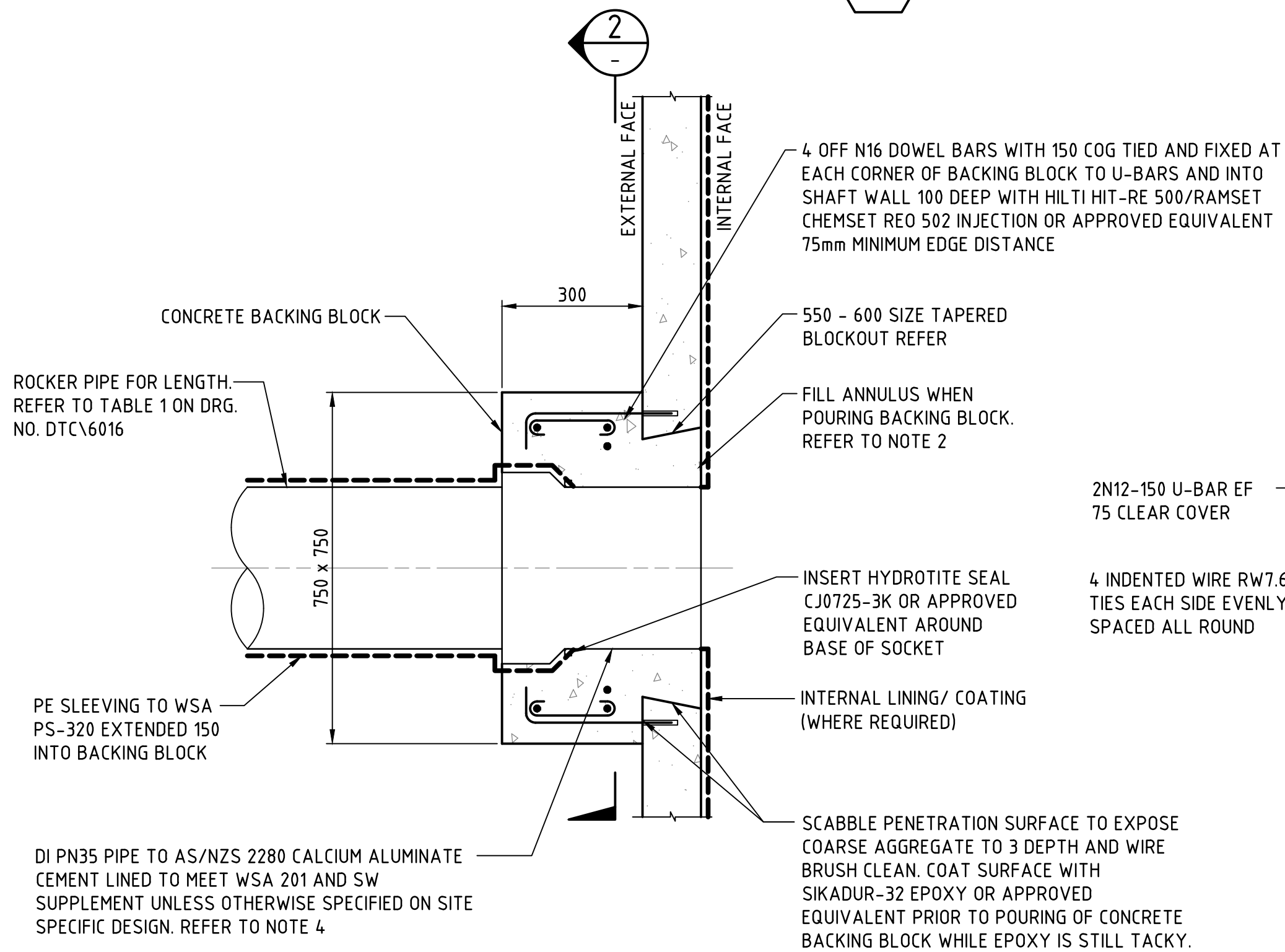
75 CLEAR COVER FOR ALL REINFORCEMENT

SECTION 1 1
SCALE 1:10 - 6026

NOTES:

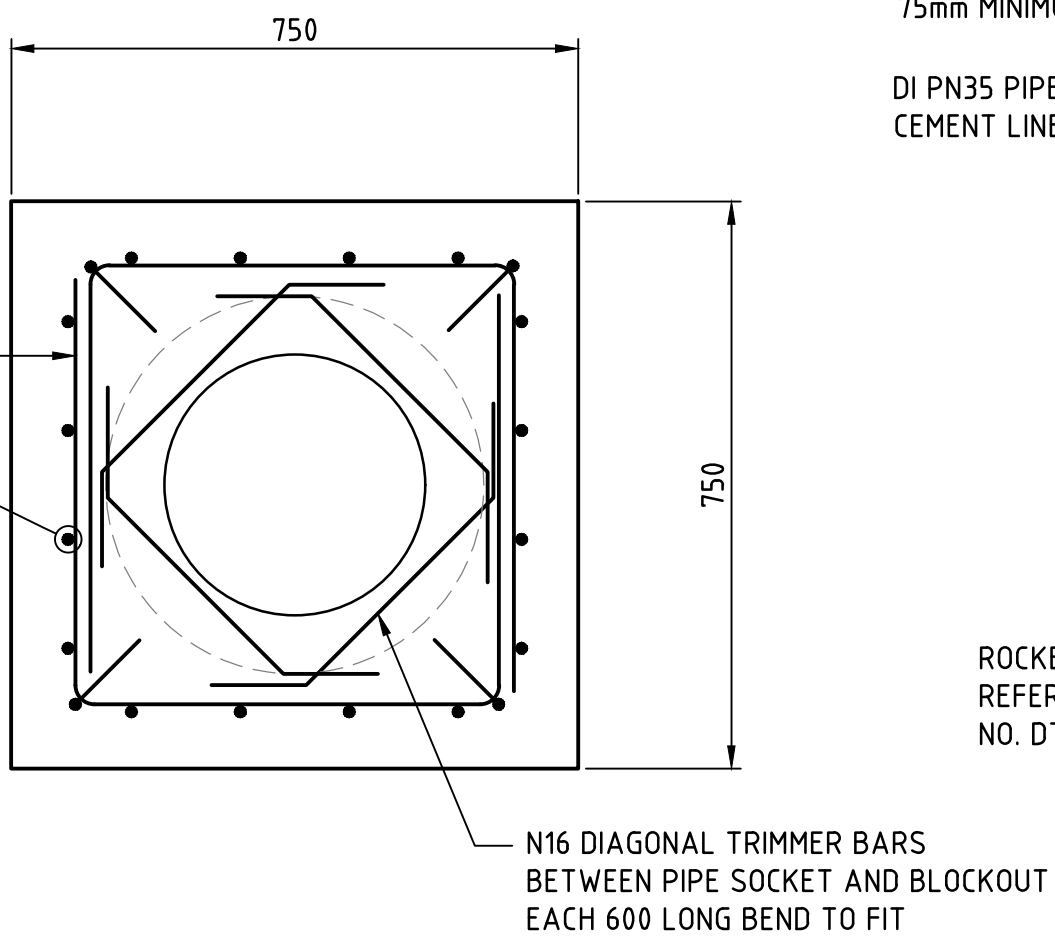
- FOR TYPE OF PENETRATION TO BE APPLIED FOR EACH PIPE CONNECTION REFER TO APPLICATION NOTES ON DTC/6001.
- FOR ALL MAINS/PIPES/CONDUITS <DN250, CORE HOLE ON SITE WITH A 25 MINIMUM ANNULUS ROUND REFER TABLE 1. FOR ALL OTHERS MAINS PROVIDE A BLOCKOUT WITH A 100 MINIMUM ANNULUS ROUND.
- ALL DIMENSION SHOWN BASED ON A SECTION TAKEN AT THE CENTRE OF PIPEWORK PENETRATION.
- 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.
- CORE HOLES LARGER THAN 300mm NOT PERMITTED.

TABLE 1: PENETRATION SIZES	
PIPE DIAMETER	CORE HOLE DIAMETER
DN80	150
DN100	200
DN150	250
DN200	300
DN225	300

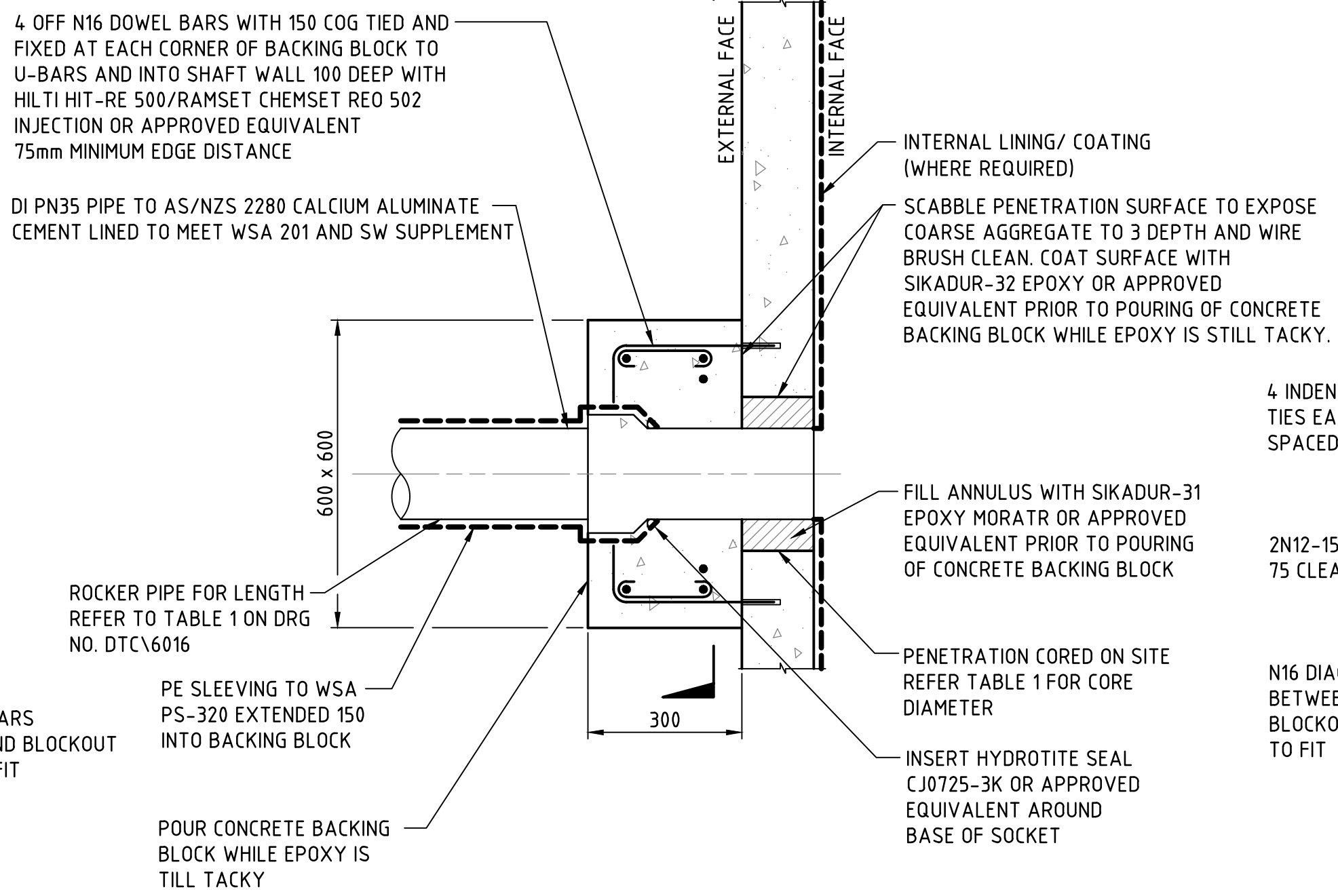


PENETRATION 2 - FOR DN200 - DN300 GRAVITY - PIPES

DETAIL R
SCALE 1:10
6013

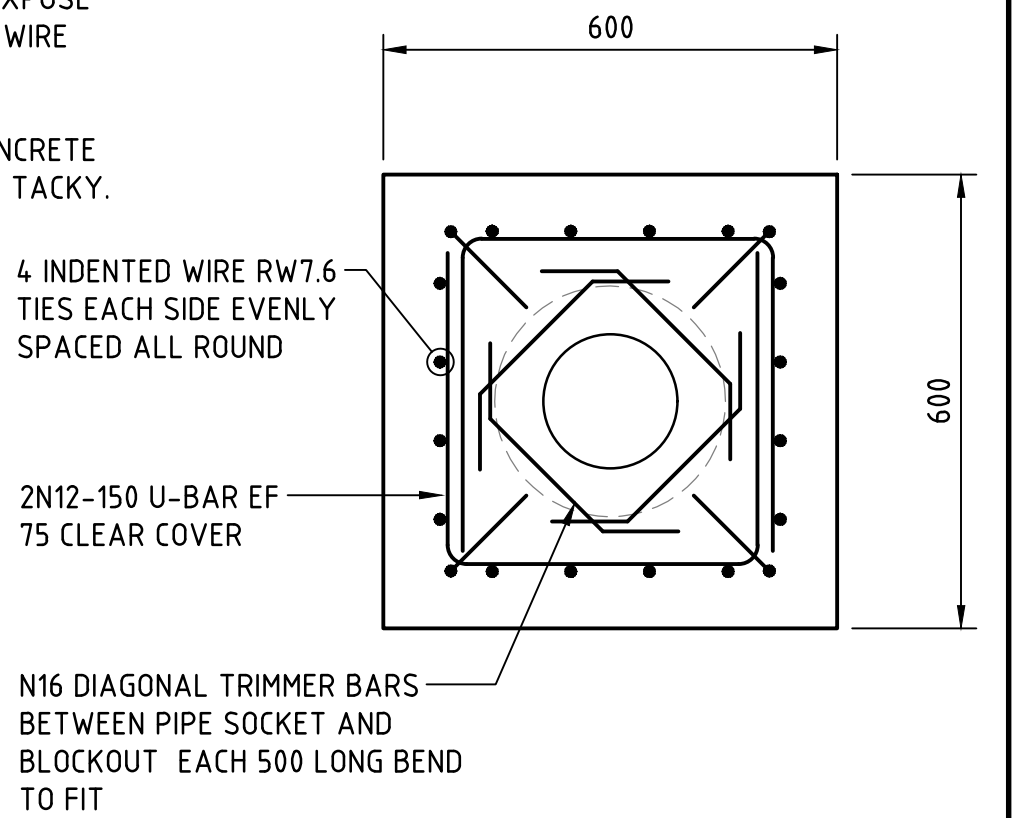


SECTION 2
SCALE 1:10 -



PENETRATION 3 - FOR DN100 - DN150 GRAVITY PIPES

DETAIL L E
SCALE 1:10 6013 6016



SECTION 3
SCALE 1:10 -