

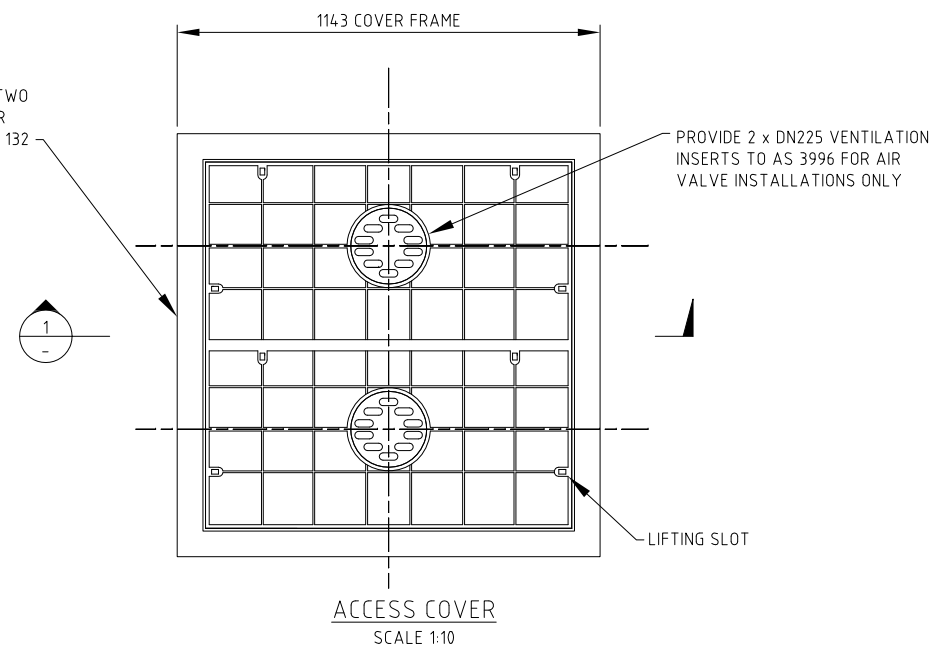
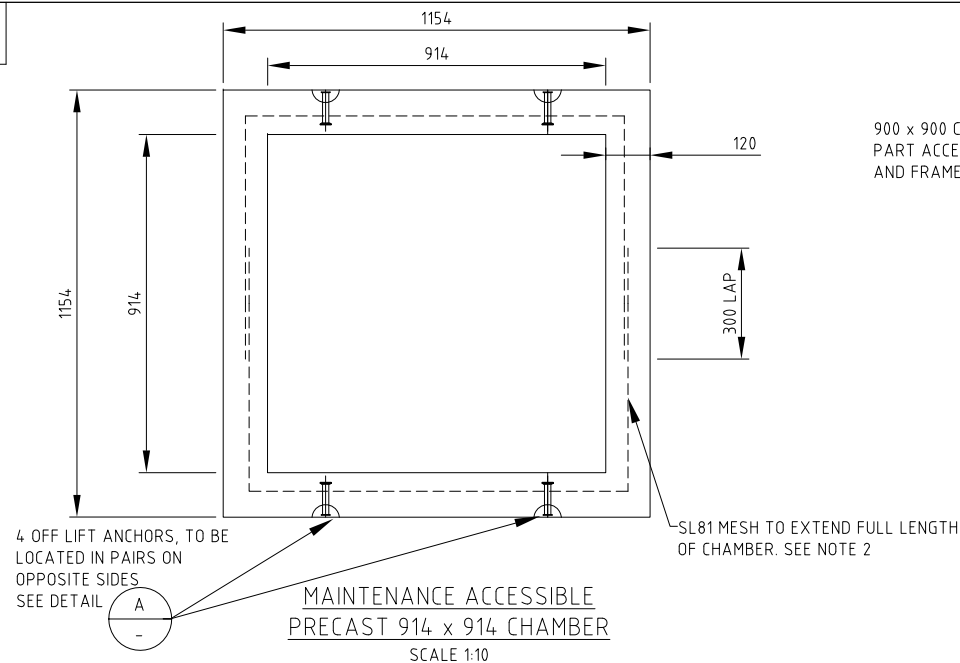
A1

THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. THE USER IS RESPONSIBLE FOR THE CORRECT APPLICATION OF THIS DRAWING.

NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. ALL REINFORCEMENT SHALL BE TO AS/NZS 4671, SHAPE - D, STRENGTH GRADE - 500MPa, DUCTILITY CLASS - N. CLEAR COVER TO REINFORCEMENT SHALL BE 40
3. ALL CONCRETE SHOWN SHALL BE CLASS N32 TO AS1379. SLUMP SHALL BE IN THE RANGE OF 80-120. MAXIMUM NOMINAL AGGREGATE SIZE SHALL BE 20. CONCRETE SHALL BE MECHANICALLY VIBRATED TO ENSURE COMPACTION AND SURFACE SATURATION MAINTAINED FOR A MINIMUM OF 3 DAYS TO PROMOTE CURING. CONCRETE ELEMENTS ARE TO HAVE AT LEAST 25MPa STRENGTH WHEN INSTALLED.
4. WHERE PROPRIETARY PRODUCTS ARE SPECIFIED, THE PRODUCT SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
5. ALL PRECAST UNITS DESIGNED TO SM1600 LOADS TO AS5100.2.
6. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING DEEMED TO COMPLY DRAWINGS:

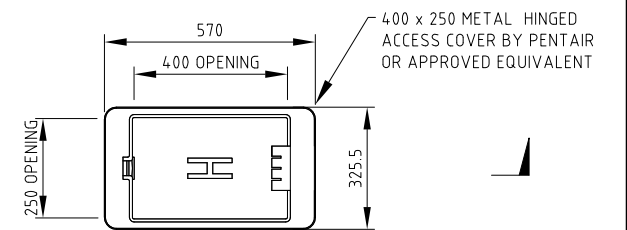
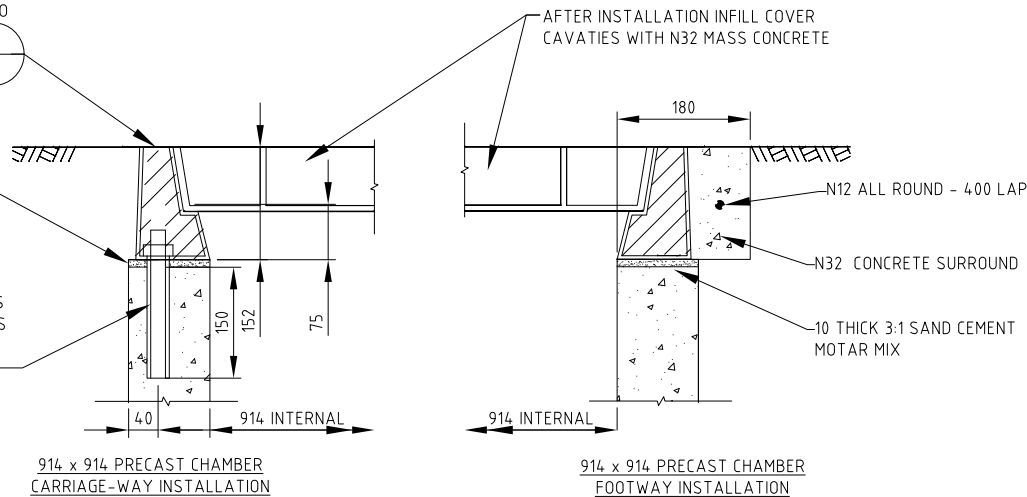
A) DTC/1206 D) DTC/1209
B) DTC/1207 E) DTC/1210
C) DTC/1208 F) DTC/1211



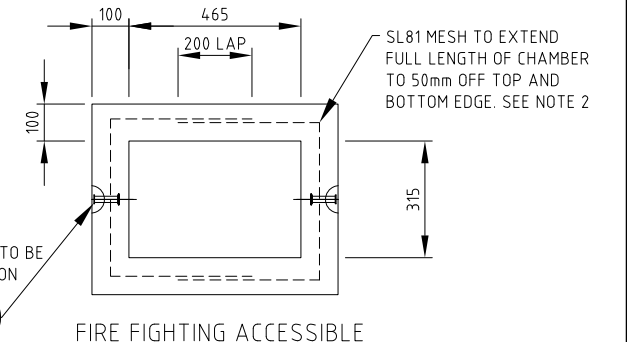
2 OFF 30 DIA HOLES EACH SIDE CUT THROUGH ACCESS COVER INTO CHAMBER. SEE DETAIL

10 THICK EPOXY MORTAR SIKADUR -31 OR APPROVED EQUIVALENT

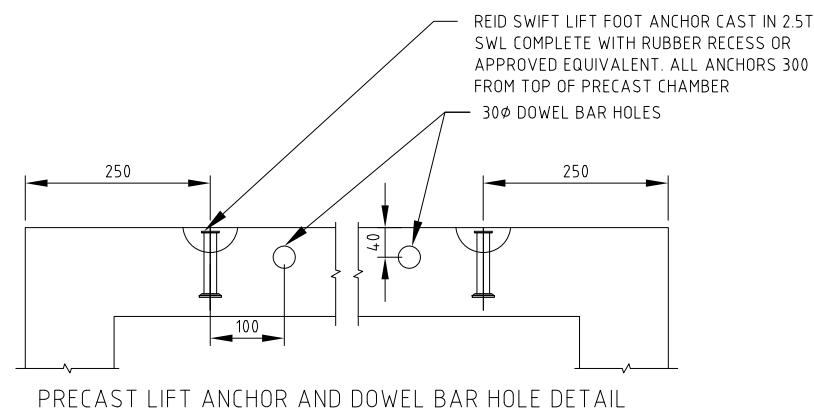
2 OFF M20 SS GRADE 316 ANCHOR STUDS ON EACH WALL INTO Ø30 DRILLED HOLES FIXED WITH RAMSET CHEMSET 801, HILTI HIT-RE 500 OR APPROVED EQUIVALENT



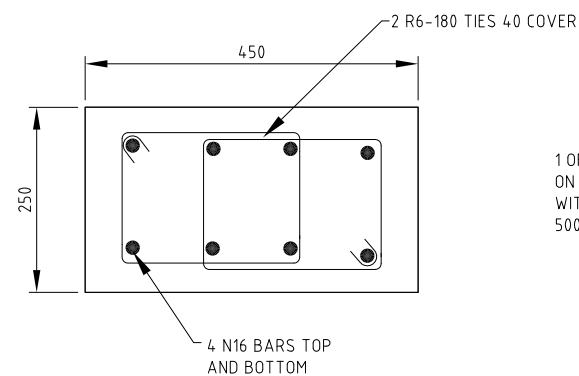
HINGED ACCESS COVER
SCALE 1:10



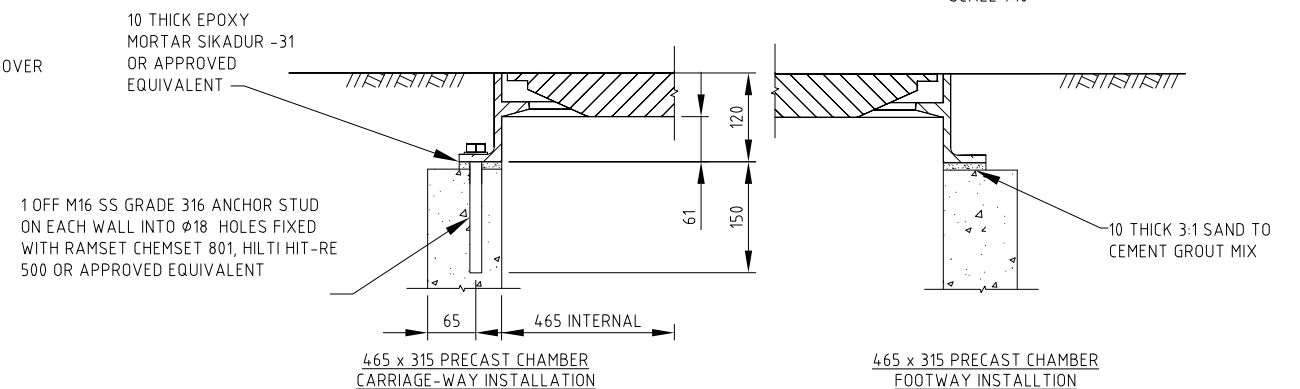
FIRE FIGHTING ACCESSIBLE
465 x 315 PRECAST CHAMBER
SCALE 1:10



DETAIL
SCALE 1:5



PRECAST BEAM REINFORCEMENT DETAILS
SCALE 1:5



HINGED HYDRANT COVER CONNECTION DETAIL

SECTION 2
SCALE 1:5

Sydney
WATER

APPROVED

PETER GILLMAN
MANAGER - E & ES

ENGINEERING & ENVIRONMENTAL SERVICES

A

ORIGINAL ISSUE

PJG

01/03/13

LETTER

DETAILS OF ISSUE / AMENDMENT

APP'D

DATE

DEEMED TO COMPLY DRAWINGS
AIR VALVE AND HYDRANT INSTALLATIONS
DETAILS
WATER MAINS DN375-DN750

DTC
1212

ISSUE DATE
A 01/03/13