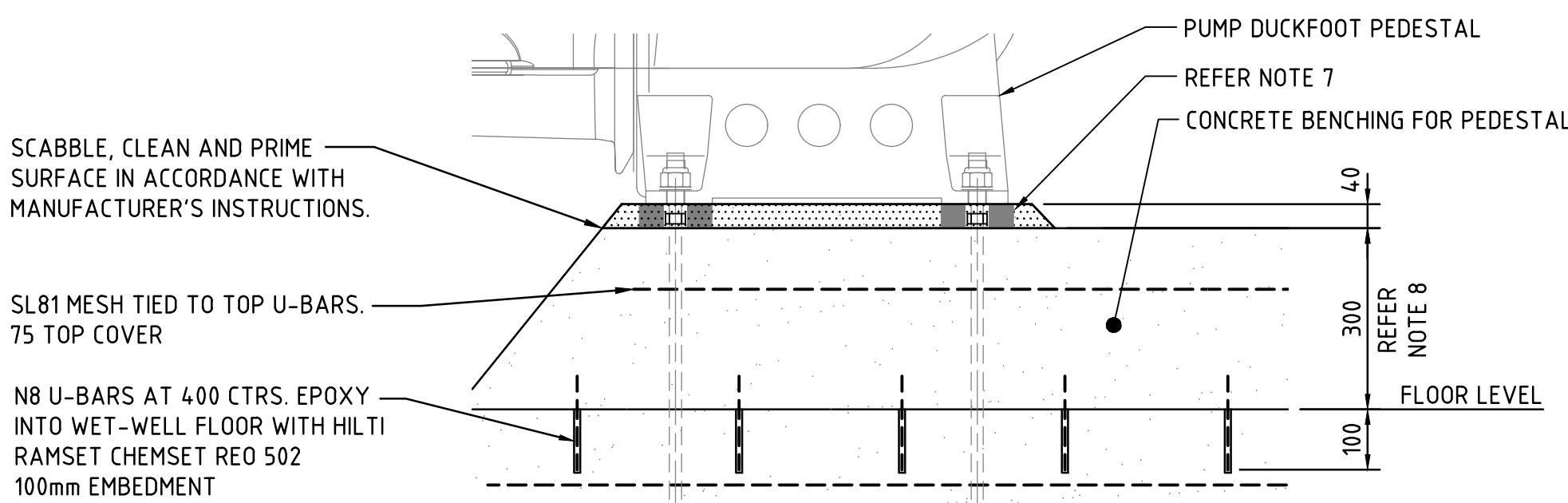


THIS DRAWING MAY ONLY BE USED IN THE COURSE OF AND FOR THE PURPOSE OF CREATING SYDNEY WATER ASSETS. USE THIS DRAWING WITH CARE. THE USER IS RESPONSIBLE FOR THE CORRECT APPLICATION OF THIS DRAWING THE USE OF DTC DRAWINGS IS SUBJECT TO TERMS AND CONDITIONS AS PUBLISHED BY SYDNEY WATER.

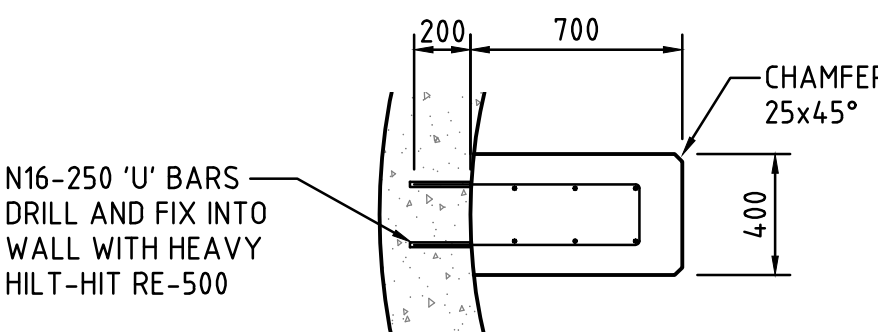
NOTES:

- DRAWING TO BE READ IN CONJUNCTION WITH WET WELL PLAN DTC/6011 & DTC/6012.
- DN150 INDUCT VENT TO EXTEND TO APPROX. 1000 ABOVE PUMP NOMINAL CUT-IN LEVEL.
- SCOUR, VENT AND DRAIN PENETRATION TO BE LOCATED 300mm CLEAR OF SHAFT RING ENDS AND OTHER PENETRATIONS. SITE CONSTRAINTS MAY REQUIRE PENETRATION TO BE LOCATED BELOW TOP SHAFT RING.
- INSTALLATION OF SHAFT RINGS AND BACKFILLING OF WET WELL SHALL BE STAGED. NO MORE THAN ONE SHAFT RING SHALL BE COMPLETELY EXPOSED AT ANY TIME.
- FOR CONDUIT BRACKETS AND SUPPORTS (IF REQUIRED), REFER DETAIL-G ON DTC/6039. FOR CONDUIT NOTES REFER DTC/6012 NOTES 6 & 7.
- REFER TO DRAWING DTC/6001 FOR INSTRUCTIONS ON USE, MAXIMUM INLET SIZES, PRESSURE MAIN SIZES AND PUMP SIZING.
- THE PUMP PEDESTAL SHALL BE INSTALLED USING STAINLESS STEEL GRADE 316 NUTS, WASHERS AND HOLDING DOWN ANCHOR RODS SET IN CHEMICAL MASONRY ANCHORS. THE CHEMICAL ANCHORS SHALL BE HILTI HVU OR SYDNEY WATER APPROVED EQUIVALENT. THE HOLDING DOWN ANCHOR RODS SHALL BE SET INTO THE CHEMICAL ANCHORS TO A DEPTH RECOMMENDED BY THE PUMP MANUFACTURER. PROVIDE 50x50x6mm SQUARE WASHERS BETWEEN THE HOLDING DOWN NUTS AND THE PEDESTAL (ABOVE THE PEDESTAL). PROVIDE ADJUSTING NUTS (FOR LEVELLING PURPOSES) UNDER THE PEDESTAL. PROVIDE STAINLESS STEEL GRADE 316 PACKERS BETWEEN THE UNDERSIDE OF PEDESTAL AND THE CONCRETE FLOOR / PLINTH BELOW). THE ADJUSTING NUTS SHALL BE BACKED OFF TO THE CONCRETE FLOOR / PLINTH ONCE THE REQUIRED LEVELLING HAS BEEN ACHIEVED. THE SPACE BETWEEN THE UNDERSIDE OF THE PEDESTAL AND THE CONCRETE FLOOR / PLINTH SHALL BE FILLED WITH NON-SHRINK EPOXY GROUT FOSROC CONBEXTRA EP65 PLUS OR SYDNEY WATER APPROVED EQUIVALENT. REFER SW MECHANICAL SPEC CLAUSE M43 FOR CONSTRUCTION INSTALLATION DETAILS.
- HEIGHT VARIES AS PER PUMP MANUFACTURER'S RECOMMENDATIONS.
- RUN ACTUATOR CABLE FROM ø63 CONDUIT INTO REINFORCED FLEXIBLE CONDUIT IN THE WET WELL, UP THROUGH THE INLET VALVE HATCH TO REACH ACTUATOR MOTOR. TIE FLEXIBLE CONDUIT TO PEDESTAL WITH UV SS CABLE TIES. SEAL ALL HOLES WITH SILICONE.
- WET WELL BASE SLAB CAN BE CIRCULAR OR RECTANGULAR PENDING CONSTRUCTION METHODOLOGY. DESIGNER TO CONFIRM BUOYANCY FORCES ARE RESISTED.

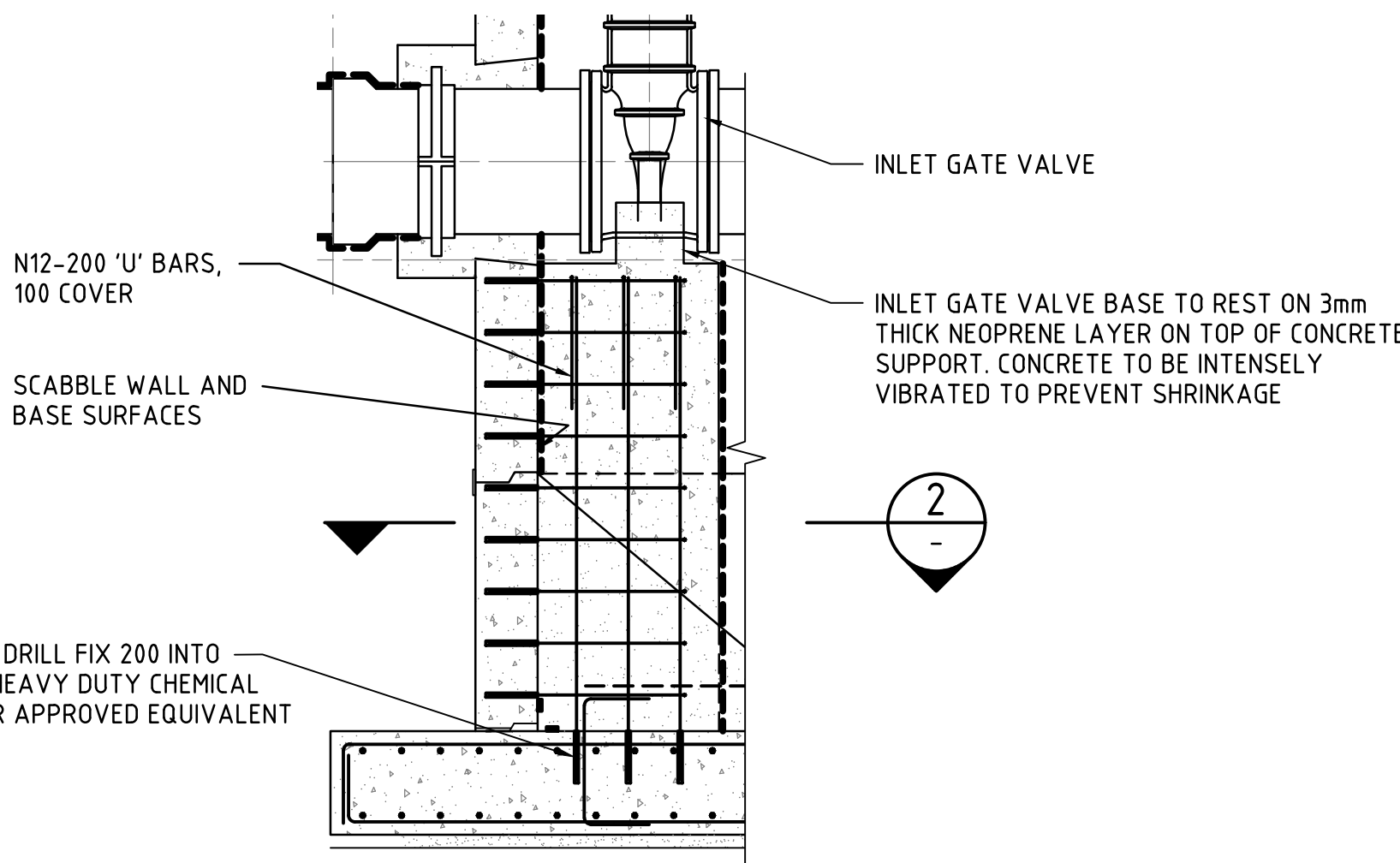


PUMP FIXING & INSTALLATION DETAIL

SCALE 1:10



SECTION 2
SCALE 1:25



INLET VALVE SUPPORT DETAIL

SCALE 1:25

Sydney
WATER

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APPROVED

NORBERT SCHAEFER
MANAGER - ENGINEERING

ENGINEERING & TECHNICAL SUPPORT

B
A
LETTER

GENERAL UPDATE (PREVIOUSLY DRAWING DTC/6005)
ORIGINAL ISSUE

DETAILS OF ISSUE / AMENDMENT

NS
KW
APP'D
DATE

25/06/21
22/06/15

DEEMED TO COMPLY DRAWINGS

SEWAGE PUMPING STATION
WET WELL - DN3600
GENERAL ARRANGEMENT SECTION & DETAILS

DTC

6013

ISSUE

DATE

B

25/06/21