

| TABLE 2 - PRECAST COMPONENT SCHEDULE | | | | | | | | | | | | | | | | |
|--------------------------------------|------------------------|------------|----------------------------------|------------|------------------|---------------------|------------------------|------------------------|--------------------|------------------------|--------------------|--------|------------------------------------|----------|---------------------|---|
| COMPONENT ID | INTERNAL DIAMETER (DN) | HEIGHT (H) | LIFTING ANCHOR CAPACITY (TONNES) | STEP IRONS | NO. OF BLOCKOUTS | BLOCKOUT/S SIZE (B) | BLOCKOUT 1 | BLOCKOUT 2 | | BLOCKOUT 3 | | Number | SUPPLIER PRECAST PRODUCT REFERENCE | | SW REFERENCE DESIGN | REMARKS |
| | | | | | | | CENTRE LINE HEIGHT (L) | CENTRE LINE HEIGHT (L) | DEFLECTION ANGLE * | CENTRE LINE HEIGHT (L) | DEFLECTION ANGLE * | | HUMES | ROCLA | | |
| INLET MAINTENANCE HOLE | | | | | | | | | | | | | | | | |
| RS-1800 | | | 2.5 | | | | | | | | | | - | D225566# | DTC/6019 | DN1800 IMH ROOF SLAB |
| HIGH LEVEL AND OVERFLOW SHAFT RINGS | | | | | | | | | | | | | | | | |
| SR-1800-1H | 1800 | 1800 | 2.5 | NO | 2 | 550-600 | 900 | 900 | | | | | PP-PW-18002B-BLK07-P | D225690# | DTC/6020 | EMERGENCY RELIEF PIPEWORK SIZE UP TO DN300 |
| SR-1800-2H | 1800 | 2400 | 2.5 | NO | 2 | 800-850 | 1200 | 1200 | | | | | PP-PW-18002B-BLK06-P | D225690# | DTC/6020 | EMERGENCY RELIEF PIPEWORK SIZE DN375 TO DN600 |
| STANDARD SHAFT RINGS | | | | | | | | | | | | | | | | |
| SR-1800-1S | 1800 | 900 | 2.5 | NO | | | | | | | | | PP-PW-18000B-BLK01-P | D225573# | DTC/6020 | NO PIPE PENETRATION ALLOWED |
| SR-1800-2S | 1800 | 1800 | 2.5 | NO | | | | | | | | | PP-PW-18000B-BLK02-P | D225573# | DTC/6020 | CORE 3X200 ELECTRICAL LINE CORES HOLES IN TOP RING FOR ELECTRICAL AND COMMS + 1X200 BYPASS DRAIN + 1X250-400 EDUCT VENT + 1X150 CDU DOSING LINE (IF REQUIRED) |
| BASE SHAFT RINGS | | | | | | | | | | | | | | | | |
| SR-1800-1B | 1800 | 1800 | 2.5 | NO | | 550-600 | 600 | 700 | | 700 | | | PP-PW-18004B-BLK02-P | D225690# | DTC/6020 | MAXIMUM 3 BLOCKOUTS |
| SR-1800-2B | 1800 | 1800 | 2.5 | NO | | 800-850 | 700 | 800 | | 800 | | | PP-PW-18003B-BLK01-P | D225690# | DTC/6020 | MAXIMUM 3 BLOCKOUTS |
| EMERGENCY RELIEF STRUCTURE | | | | | | | | | | | | | | | | |
| RS-1800 | | | 2.5 | | | | | | | | | | - | D225566# | DTC/6019 | DN1800 ERS ROOF SLAB |
| STANDARD SHAFT RINGS | | | | | | | | | | | | | | | | |
| SR-1800-1S | 1800 | 900 | 2.5 | YES | | | | | | | | | PP-PW-18000B-BLK01-P | D225573# | DTC/6020 | NO PIPE PENETRATION ALLOWED |
| SR-1800-2S | 1800 | 1800 | 2.5 | YES | | | | | | | | | PP-PW-18000B-BLK02-P | D225573# | DTC/6020 | |
| BASE SHAFT RING | | | | | | | | | | | | | | | | |
| SR-1800-3B | 1800 | 1800 | 2.5 | YES | 2 | 550-600 | 600 | 900 | | | | | PP-PW-18002B-BLK05-P | D225690# | DTC/6020 | |
| SR-1800-4B | 1800 | 1800 | 2.5 | YES | 2 | 800-850 | 700 | 900 | | | | | PP-PW-18002B-BLK04-P | D225690# | DTC/6020 | |
| WET WELL | | | | | | | | | | | | | | | | |
| RS-3600 | | | 5 | | | | | | | | | | - | - | DTC/6018 | DN3600 WET WELL ROOF SLAB |
| TOP SHAFT RING | | | | | | | | | | | | | | | | |
| SR-3600-T | 3600 | 2400 | 10 | NO | 2 | 550-600 | 900 | 900 | | | | | PP-PW-36002B-BLK01-P | - | DTC/6020 | 10X200 PUMP CONDUIT CORES + 2X150 COMMS CONDUIT CORES + 2X150 CONDUIT CORES FOR INLET VALVE ACTUATOR (IF REQUIRED), 2X300 EDUCT/INDUCT VENT CORE + 1X300 SCOUR LINE CORE + 1X200 DRAIN CORE. MINIMUM 300 CLEAR OF SHAFT END OR OTHER PENETRATIONS |
| HIGH LEVEL SHAFT RINGS | | | | | | | | | | | | | | | | |
| SR-3600-H | 3600 | 1800 | 10 | NO | 1 | 800-850 | 1200 | | | | | | PP-PW-36001B-BLK02-P | - | DTC/6020 | |
| STANDARD SHAFT RINGS | | | | | | | | | | | | | | | | |
| SR-3600-1S | 3600 | 900 | 5 | NO | | | | | | | | | PP-PW-36000B-BLK01-P | - | DTC/6020 | NO PIPE PENETRATION ALLOWED |
| SR-3600-2S | 3600 | 1800 | 10 | NO | | | | | | | | | PP-PW-36000B-BLK02-P | - | DTC/6020 | |
| SR-3600-3S | 3600 | 2400 | 10 | NO | | | | | | | | | PP-PW-36000B-BLK03-P | - | DTC/6020 | |
| BASE SHAFT RING | | | | | | | | | | | | | | | | |
| SR-3600-B | 3600 | 2400 | 10 | NO | 1 | 800-850 | 1200 | | | | | | PP-PW-36001B-BLK02-P | - | DTC/6020 | |

*FOR GRAVITY PENETRATION ≤ -DN250 STANDARD SHAFT RINGS TO BE CORED ON SITE. MINIMUM 300 CLEAR OF SHAFT JOINT OR OTHER PENETRATIONS

Denotes cell to be completed as part of site specific design

Denotes cell not applicable

- NOTES:
1.

Sydney Water has undertaken a desktop technical assessment to confirm suitability of listed supplier products based on limitations set out in the drawings. The supplier shall obtain approval of the concrete mix design from Sydney Water on a project specific basis prior to supply.
2.

The user shall verify and confirm all dimensions, levels and blockout details with the supplier prior to manufacture of precast products.
3.

The user is responsible for quality assurance of the selected precast product.

Sydney WATER

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APPROVED

NORBERT SCHAEPER
MANAGER - ENGINEERING

ENGINEERING & TECHNICAL SUPPORT

B
A
LETTER

GENERAL UPDATE (PREVIOUSLY DRAWING DTC/6012)
ORIGINAL ISSUE
DETAILS OF ISSUE / AMENDMENT

NS
KW
APP'D

25/06/21
22/06/15
DATE

DEEMED TO COMPLY DRAWINGS

SEWAGE PUMPING STATION
PRECAST SHAFT RING ARRANGEMENT
SCHEDULE

DTC
6021

ISSUE
B

DATE
25/06/21