

STEP IRONS

MANHOLES 3.0m or 6.0m ON COVER TO SOFFIT OF PIPE

- MANHOLES SHALL BE CONSTRUCTED FROM PRECAST CONCRETE
- MANHOLES SHALL BE CONSTRUCTED FROM PRECAST CONCRETE
- MANHOLES SHALL BE CONSTRUCTED FROM PRECAST CONCRETE

ACCESS LADDERS

MANHOLES 3.0m or 6.0m FROM COVER TO SOFFIT OF PIPE

- MANHOLES SHALL BE CONSTRUCTED FROM PRECAST CONCRETE
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Section A.A - Adjusting Unit
Section B.B - Adjusting Unit

Section A.A - Corbel Slab
Section B.B - Corbel Slab

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-09A
REV: 0
MANHOLE ACCESS
CLEAR OPE REQUIREMENTS

PRE-CAST CONCRETE MANHOLE WITH CAST IN-SITU BASE

SECTION A.A
SECTION B.B

MANHOLE DETAIL > 3m < 6m GROUND TO SOFFIT DEPTH

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-10
REV: 4
PRE-CAST CONCRETE MANHOLE WITH CAST IN-SITU BASE

PRE-CAST CONCRETE MANHOLE WITH PRECAST BASE

SECTION A.A
SECTION B.B

MANHOLE DETAIL > 3m < 6m GROUND TO SOFFIT DEPTH

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-10A
REV: 1
PRE-CAST CONCRETE MANHOLE WITH PRECAST BASE

PRE-CAST CONCRETE PUMPING STATION INLET MANHOLE WITH CAST IN SITU CONCRETE BASE

SECTION A.A
SECTION B.B

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-10B
REV: 1
PRE-CAST CONCRETE PUMPING STATION INLET MANHOLE WITH CAST IN SITU CONCRETE BASE

PRE-CAST CONCRETE PUMPING STATION INLET MANHOLE WITH PRE-CAST CONCRETE BASE

SECTION A.A
SECTION B.B

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-10C
REV: 1
PRE-CAST CONCRETE PUMPING STATION INLET MANHOLE WITH PRE-CAST CONCRETE BASE

BACKDROP AND CASCADE MANHOLES

SECTION A.A
SECTION B.B
SECTION C.C

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-12
REV: 4
BACKDROP AND CASCADE MANHOLES

SCOUR VALVE CHAMBER FOUL RISING MAIN (± 200mm DIA)

SECTION A.A
SECTION B.B

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-15
REV: 4
SCOUR VALVE CHAMBER FOUL RISING MAIN (± 200mm DIA)

SLUICE VALVE DETAILS FOR RISING MAINS POLYETHYLENE (PE) PIPE (± 200mm DIA) (Sheet 2 of 2)

SECTION A.A
SECTION B.B

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-17
REV: 4
SLUICE VALVE DETAILS FOR RISING MAINS POLYETHYLENE (PE) PIPE (± 200mm DIA) (Sheet 2 of 2)

AIR VALVE CHAMBER (FOUL RISING MAIN ± 200mm DIA) SHEET 2 OF 2

SECTION A.A
SECTION B.B

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-18A
REV: 0
AIR VALVE CHAMBER (FOUL RISING MAIN ± 200mm DIA) SHEET 2 OF 2

THRUST BLOCKS FOR RISING MAINS

SECTION A.A
SECTION B.B
SECTION C.C

CONNECTIONS AND DEVELOPER SERVICES
STANDARD DETAILS - WASTEWATER
SCALE: NOT TO SCALE
DATE: SEPT 2015
DRAWING NO: STD-WW-14
REV: 3
THRUST BLOCKS FOR RISING MAINS