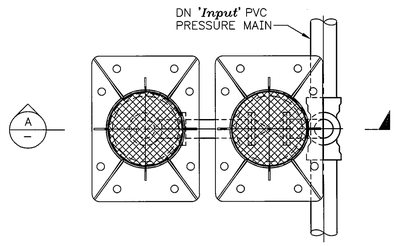
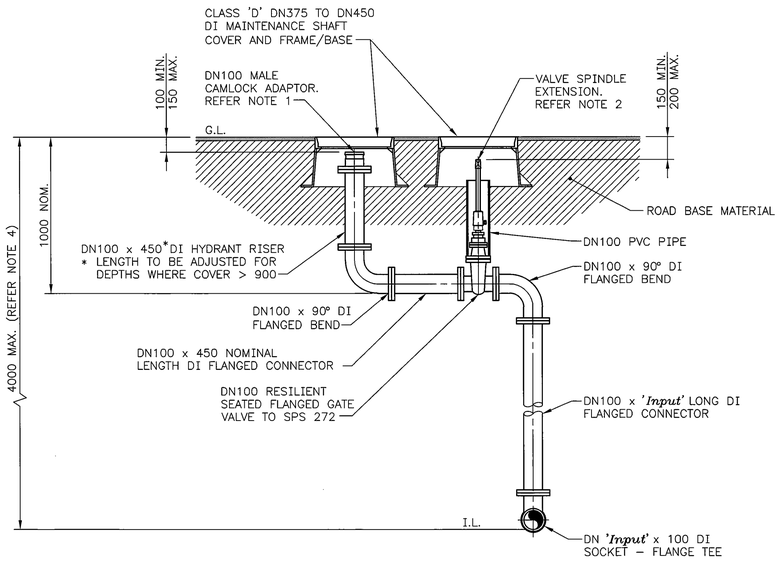
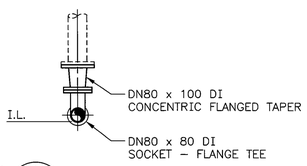


PLAN



SECTION A –
DN100 AND DN150
PRESSURE MAINS



PART SECTION A –
DN80 PRESSURE MAIN
(REFER SECTION 'A' FOR FULL/REMAINDER OF DETAILS)

COVER BASES OR FRAMES TO BE BEDDED ON 250 THICK MINIMUM ROAD BASE MATERIAL WHEN LOCATED IN CARPARKS AND RIGHTS OF WAY.

TABLE 1: SCOUR POINT LOCATIONS AND VALVE SPINDLE DETAILS

RUNNING CHAINAGE/ DISTANCE (m)	COORDINATES (m)		SPINDLE EXTENSION (REFER NOTE 2)
	EASTING	NORTHING	LENGTH 'L'
'Input'	'Input'	'Input'	'Input'

FOR COMMON SPECIFICATION NOTES
REFER DRAWING CA01–1–3

ADDITIONAL NOTES:

1. CAMLOCK ADAPTORS TO BE ALUMINUM, INSTALLED WITHOUT CAP.
2. REFER DRAWING CA01–1–4 FOR TYPICAL DETAILS OF GATE VALVE SPINDLE EXTENSIONS. THE DESIGNER SHALL INPUT SPINDLE EXTENSION LENGTH 'L' TOGETHER WITH SCOUR LOCATIONS AS REQUIRED IN TABLE 1.
3. SOIL REFILL MATERIAL SHALL BE COMPACTED AS PIPE UNDERLAY TO A DENSITY RATIO NOT LESS THAN 92% OF MAXIMUM MODIFIED DRY DENSITY AS DETERMINED BY AS 1289.5.2.1, AS 1289.5.4.1 AND AS 12895.8.1.
4. WHERE A SCOUR POINT INVERT LEVEL IS EXPECTED TO EXCEED 4m, A SCOUR VALVE AND VALVE PIT SHALL BE PROVIDED IN ACCORDANCE WITH THE ARRANGEMENT FOR DN200 TO DN300 SCOUR VALVES (DRAWING CA01–54–2).

REFERENCE DRAWINGS

PLAN AND LONGITUDINAL SECTIONS	'Input'
TYPE 10, 40 & 90 PUMPING STATIONS – COMMON SPECIFICATION NOTES – SHEET 1 OF 2	CA01–1–3

500 0 500 1000 mm (1:20 AT A1)

'Input' Indicates Information Required From Design Engineer

THIS DRAWING IS DERIVED FROM CA01–54–1E

ISSUE	DATE	GRID	REVISION	DRN	REC	APPD
E	05/2019		AMENDED SOCKET SCOUR	VF		
D	06/2018		TOTAL DRAWING CONTENT & MINOR SHEET TITLE REVISED	FR	KR	KP
C	03/2016		SHEET TITLE, GENERAL & NOTES REVISED. VALVE SPINDLE EXTENSION DELETED. TABLE 1 ADDED	FR	KR	DVDN
B	02/2014		CLEAR OPENING DIMENSION AND NOTES AMENDED	BJ	ML	DM

SURVEY BOOKS | VERTICAL DATUM NONE | COORDINATE SYS NONE | DES REF | DES CALC | DES CHD | DRN W SCHNEIDER | Q.C. CHD K BERG | NORTH POINT

'Input' Designers Identification Label

RECOMMENDED 10/04/2003 JC BOND (SIGNED) PRINCIPAL ENGINEER
APPROVED 10/04/2003 E MURPHY (SIGNED) MANAGER I. D. BRANCH

WATER CORPORATION

WASTEWATER – EXAMPLE DRAWING
WASTEWATER PUMPING STATIONS AND PRESSURE MAINS
DN80 TO DN150 PRESSURE MAINS (OTHER THAN PE) – SCOUR POINTS ARRANGEMENT WITHOUT VALVE PIT (DEPTH TO IL LESS THAN 4m)

FILE 'Input' | PROJECT 'Input' | PLAN CA01–54–1 | CAD | ISSUE E | ORIGINAL SHEET SIZE A1 | MF 26 JUN 2019

566 810

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CAD MANAGEMENT_NOT READ ONLY\WWCS\STANDARD DRAWINGS\PUMP STATIONS\CAD\CA01\REVISIONS\COMPLETE\CA01-054-001-01E 09:56 20/06/2019 farrelv1/WS23088