

WATERMAIN SWABBING DETAILS (CONSTRUCTION)

ALL MAINS DN100 OR LARGER ARE TO BE SWABBED. DISINFECTION IS NOT REQUIRED ON MAINS LESS THAN DN225.

→ INDICATES SWAB DIRECTION

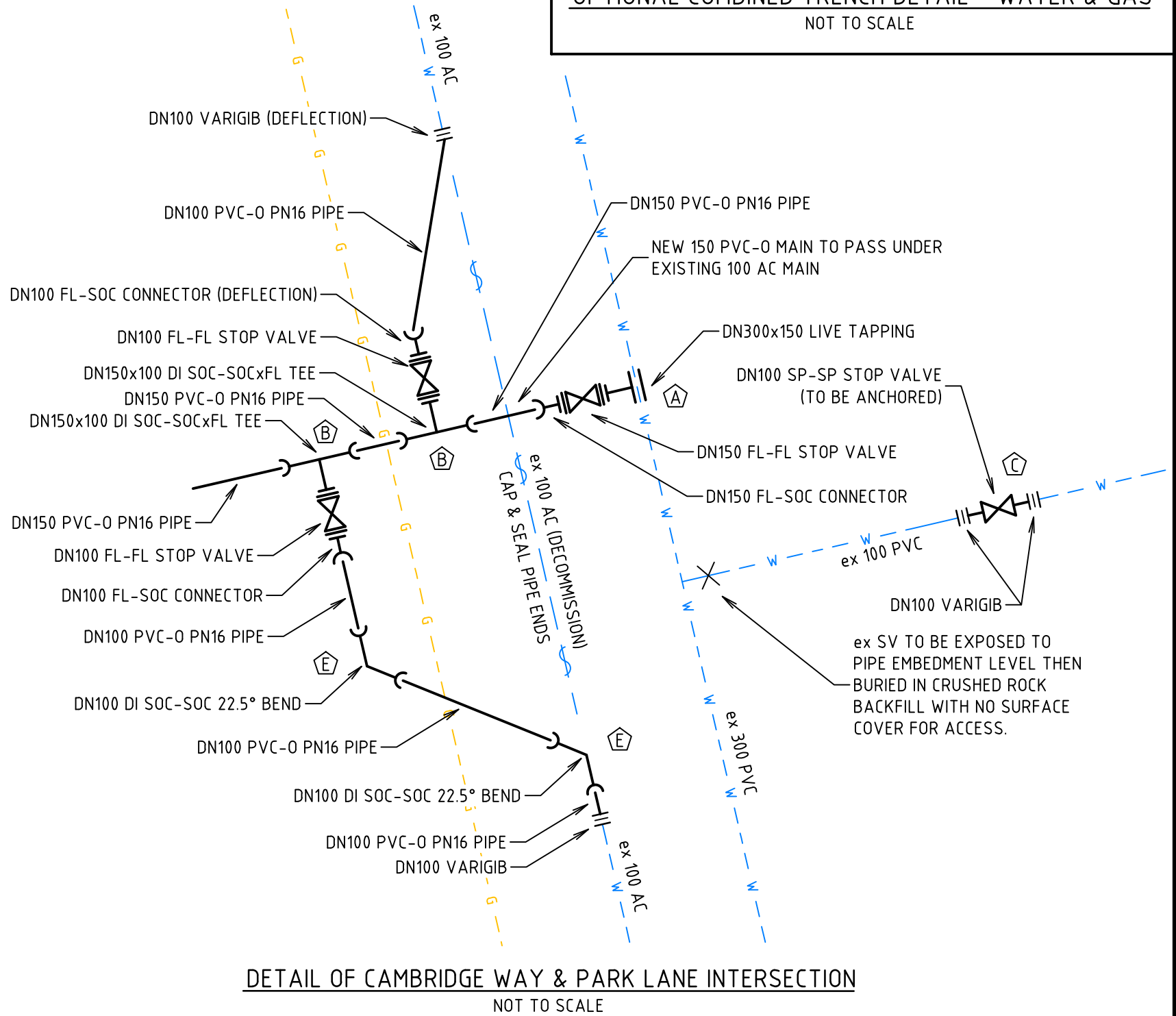
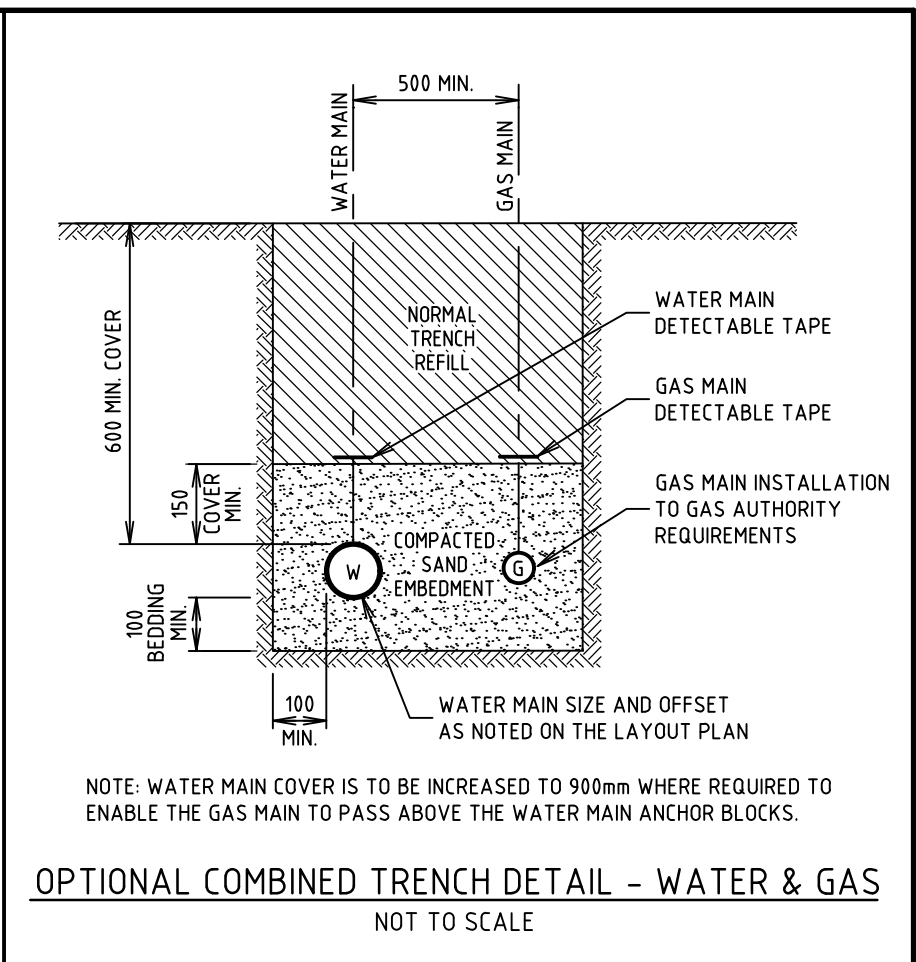
③ INDICATES SWAB INSERTION (NUMBER REPRESENTS SWAB ORDER)

③ INDICATES SWAB REMOVAL (NUMBER REPRESENTS SWAB ORDER)

WARNING

NOT ALL SERVICES ARE SHOWN. LOCATION OF SERVICES SHOWN IS APPROXIMATE ONLY. ALL SERVICE LOCATIONS SHOULD BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION

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THRUST RESTRAINT SCHEDULE				AHBP USED = 50 kPa
LOCATION	RESTRAINT TYPE	AREA (m2)	REFERENCE	
DN300 x 150 TEE	CONCRETE	0.53	MRWA-W-205A, FIG 205A-A	
DN150 x 100 TEE	CONCRETE	0.25	MRWA-W-205A, FIG 205A-A	
DN100 STOP VALVE	CONCRETE	0.30	MRWA-W-205A, FIG 205A-J	
DN100 45° BEND	CONCRETE	0.19	MRWA-W-205A, FIG 205A-C	
DN100 22.5° BEND	TIMBER BLOCK	-	MRWA-W-206, FIG 206-A	
DN150 11.25° BEND	TIMBER BLOCK	-	MRWA-W-206, FIG 206-A	
DN100 WASHOUT FIRE PLUG	CONCRETE	0.25	MRWA-W-205A, FIG 205A-E	

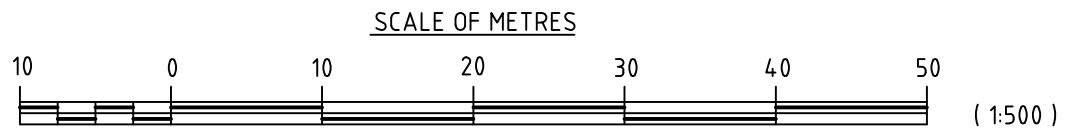
TOTAL NEW WORK			
SIZE	TYPE	CLASS	LENGTH
150	PVC-O	PN16	127.7m
100	PVC-O	PN16	305.4m

DESIGN HEAD = 88m
(STATIC PLUS SURGE)

SYSTEM TEST PRESSURE = 1100 kPa

MINIMUM PIPE COVER	
ZONE	COVER (mm)
NO VEHICLE LOADING	600
VEHICLE LOADING	600
VIC ROADS	1200

FIRE PLUG SCHEDULE	
LOCATION	TYPE
CAMBRIDGE WAY - LOT 130 SPLAY	DIRECT
CAMBRIDGE WAY - 4.3m WEST LOT 133 SPLAY	DIRECT
PRINCETON WAY - 6m SOUTH LOTS 34/35 BOUNDARY	WASHOUT
SWINBURNE CRES - LOTS 145/146 BOUNDARY	DIRECT
SWINBURNE CRES - LOTS 124/125 BOUNDARY	DIRECT



LEGEND

EX. WATER MAIN
NEW WATER MAIN 225mm DIA. & UNDER
NEW WATER MAIN >225mm DIA.
DECOMMISSIONED MAIN
FUTURE WATER MAIN

VALVE
FIRE PLUG
WASHOUT ASSEMBLY
TAPER OR REDUCER
RETAINING WALL

O/HEAD POWER
U/GROUND POWER
SEWER MAIN
GAS MAIN
Fibre Optics
TELE. CABLE
STORMWATER DRAIN

REVISONS	A	7/8/15	ISSUED AS TYPICAL DRAWING	GBS	REFERENCES	A1-59283	LOCALITY PLAN & FACE SHEET	DESIGNED BY:
	B	15/10/15	UPDATED TO INCLUDE SWABBING DETAILS	GBS				
	C	19/12/19	REVISED FOR LEGEND UPDATE & OTHER MINOR STANDARDS CHANGES	LN				
	No.	DATE	DESCRIPTION	APP'D		PLAN No.	TITLE	

DO NOT SCALE

GIPPSLAND WATER DRAWING STATUS

TYPICAL DRAWING ONLY

GIPPSLAND WATER FACILITY CODE

DESIGNED: NAME

DRAWN: NAME

CHECKED: NAME

CERTIFICATION OF COMPLIANCE WITH GIPPSLAND WATER'S DESIGN & DRAFTING REQUIREMENTS

GIPPSLAND WATER

TYPICAL DRAWING

WATER RETICULATION EXTENSION

CAMBRIDGE WAY, SWINBURNE CRESCENT & PRINCETON WAY

LAYOUT PLAN & DETAILS

DRAWING No.	A1-59286	REV	C
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