

MELBOURNE WATER CORPORATION

CASEY CITY COUNCIL

0705 LYNDHURST NORTH MAIN DRAINAGE SCHEME

SECTION 76



SITE PLAN & TBM PLAN

N.T.S.
MELWAY MAP 129 D5&6

THE PLANE CO-ORDINATE INFORMATION SHOWN HEREON IS ACCURATE AT THE TIME OF PREPARATION OF THIS PLAN. USERS OF THE SURVEY CONTROL SHOULD CARRY OUT CHECKS TO VERIFY THE IDENTITY AND STABILITY OF EACH TBM PRIOR TO USE.

LOT BOUNDARY INFORMATION SHOULD BE OBTAINED FROM THE LATEST PLAN OF SUBDIVISION

PM 238 E 347306.895 N 5784596.755 RL 21.866
PM 230 E 347809.15 N 5783787.05

AHD DATUM - PM 238
MGA CO-ORDINATE DATUM - PM 230
MGA BEARING DATUM - PM 238 & PM 230

MGA CO-ORDINATES OF CONTROL POINTS (where applicable)

Number	East	North	RL (AHD)	Description
A	347133-85	5784942-59	20-55	Star Picket
B	347183-99	5785109-03	20-59	Star Picket
C	347197-82	5785250-30	20-515	Star Picket
D	347370-97	5785263-70	20-465	Star Picket
E	347293-90	5785097-37	20-70	Star Picket
F	347294-29	5784966-44	20-915	Star Picket

SURVEY DRAWING USED
THIS DRAWING HAS BEEN PREPARED USING THE SURVEY DRAWING '940-DTH-MGA' PREPARED BY BOSCO JONSON & RECEIVED BY KLM SPATIAL ON 29 JUNE 2009.

TBM SCHEDULE

Notes

GENERAL

- All levels are in metres to Australian Height Datum (AHD).
- Co-ordinates for setting out are to Map Grid of Australia (MGA).
- All works to be carried out in accordance with Melbourne Water Specifications and Standard Drawings, except where varied by these notes.
- All pipes to be UJ RC Class 2 unless indicated otherwise.
- Manhole covers and gratings must match finished surface levels.
- Where works are in the vicinity of existing services, these services are to be located and the various authorities notified (see table) prior to the commencement of the works.
Hazardous services are located in close proximity to works including overhead electrical cables and telecommunication cables.
Emergency contacts:

SERVICE	CONTACT	TELEPHONE
Electricity		9238 6481
Telecommunications		1800 653 935

- All connections must be carried out in accordance with Melbourne Water's manual, 'Work Procedures for Confined Space Entry'. Such work may only be carried out by persons possessing current mandatory qualifications required for persons who are to be engaged in confined space entry.

DESIGN

- Melbourne Water N25 Grade Concrete - General Purpose (GP) type cement must be used in construction of all structures.
- Reinforcing Steel must be Structural Grade V (Hot Rolled Deformed Bars) in accordance with AS1302.
- The contractor must:
 - supply all materials for the connection of the proposed stormwater drain to the existing stormwater system.
 - strip and stockpile existing topsoil for later site restoration.
 - remove all surplus spoil from site.
 - give the Superintendent at least 7 clear days notice prior to the commencement of the works.
- All pit risers to be on left side, looking upstream, unless indicated otherwise. Pit risers to also be on kerb side where appropriate.

STRUCTURAL

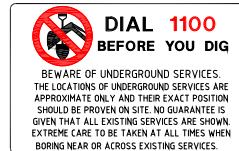
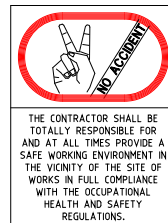
- Clear cover to reinforcement must be 50mm minimum.
- Minimum lap length must be 400mm.
- All exposed steel components must be hot dipped galvanised after fabrication.

DRAWING INDEX

DRG. No.	DRG. TITLE
0705/76/01	SITE & TBM PLAN, NOTES, SET OUT DETAIL AND DRAWING INDEX
0705/76/02	DETAIL PLAN, STRUCTURE SCHEDULE AND COORDINATE TABLE
0705/76/03	LONGITUDINAL SECTION

PIPELINE CURVE / SPLAY SCHEDULE

SPLAY No.	I°	R (m)	A (m)	C (m)
1	42°13'35"	35.391	26.083	25.432
2	90°00'00"	15.000	23.562	21.213
3	7°30'43"	104.050	13.642	13.632
4	7°50'18"	98.350	13.455	13.444
5	107°12'08"	18.650	34.876	30.012
6	79°57'59"	15.300	21.175	19.525



SYMBOLS AND GENERAL NOTES			
SEWERS	—S—	WATER MAINS	—W—
GAS MAINS	—G—	ELEC. CABLES	—E—
		TELEPHONE CABLES	—T—
		MANHOLES	—M.H.—
		OR	—OR—
		M.H.	—M.H.—

REGARDING ACCURACY OF POSITIONS OF UNDERGROUND AND OVERHEAD STRUCTURES AND SERVICES SEE SPECIFICATION 92.4.014. ALL CONCRETE SHALL CONFORM WITH SPECIFICATION 92.4.017. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (A.H.D.) - METRES ABOVE MEAN SEA LEVEL.

DESIGNED	_____	PLAN REFERENCE	_____
CHECKED	_____	MELWAY REFERENCE	129d5&6
AUTHORISED BY	_____	WATER OFFER FILE No.	L0164991

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MELBOURNE WATER
 CITY OF CASEY
LYNDHURST NORTH MAIN DRAIN
SECTION 76
 SITE & TBM PLAN, NOTES, SET OUT DETAIL & DRG INDEX

SCALE: AS SHOWN
 SHEET 1 OF 3
 DRAWING NO. **0705/76/1**

REF	ZONE	REVISION	DATE	APPD.
B		NOTES AMENDED	12-03-10	
A		GENERAL AMENDMENTS	19-11-09	
1				
2				