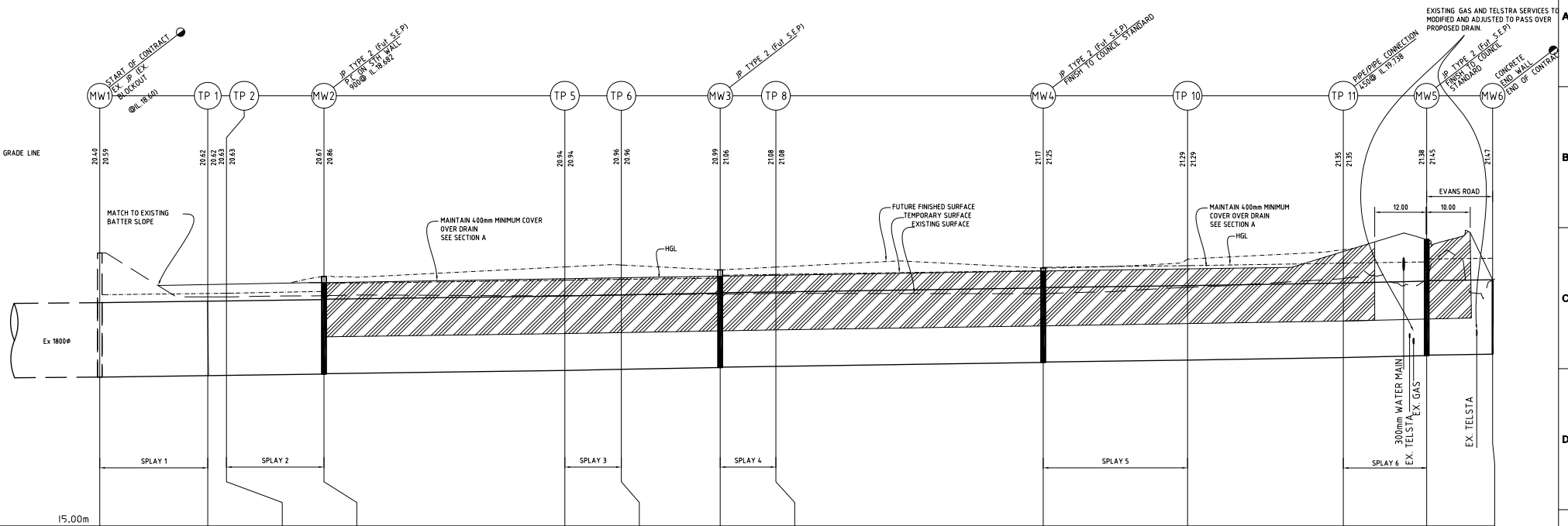

DATUM 15.00m

	MW1	TP 1	TP 2	MW2	TP 5	TP 6	MW3	TP 8	MW4	TP 10	TP 11	MW5	MW6
DESIGN FLOW (M³/SEC.) - Q_s	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	3.70	3.70	
PIPE CAPACITY (M³/SEC.)	4.10	4.10	4.10	4.20	4.40	4.70	4.45	4.50	4.30	4.10	4.45	4.90	
VELOCITY (METRE/SEC.)	1.60	1.60	1.60	1.61	1.68	1.78	1.70	1.72	1.65	1.75	1.70	1.87	
PIPE DIAMETER (mm) & CLASS	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	1800 (2)	
PIPE GRADE (1 in)	750	750	750	730	680	600	670	650	700	750	670	550	
DEPTH TO INVERT	3.00 3.00	2.20 2.20	2.20 2.20	2.35 2.34	2.49 2.49	2.52 2.52	2.36 2.35	2.40 2.40	2.28 2.27	2.44 2.44	2.54 2.54	2.82 2.80	2.07
INVERT LEVEL	18.60 18.60	18.64 18.64	18.65 18.65	18.68 18.69	18.77 18.77	18.79 18.79	18.83 18.84	18.86 18.86	18.95 18.96	19.010 19.010	19.07 19.07	19.10 19.12	19.15
N.S. LEVEL	21.60	20.54	20.54	20.87	20.96	20.99	21.03	21.06	21.15	21.21	21.51	21.05	20.95
F.S. LEVEL	21.60	20.84	20.85	21.03	21.26	21.31	21.19	21.26	21.23	21.45	21.61	21.92	21.22
CHAINAGE	0.00	26.08	26.08 4.52	30.60 23.56	54.16 58.19	112.36 13.64	126.00 23.89	149.89 13.45	163.34 64.58	227.93 34.88	262.80 37.62	300.42 20.14	320.56 16.44	337.00
AS CONSTRUCTED INVERT LEVEL													
AS CONSTRUCTED CHAINAGE													

DRAINAGE LONGITUDINAL SECTION

HORIZ 0 5 10 20 30 40

VERT 0 0.5 1 2 3 4

SCALE 1:500H 1:50V AT A1 SIZE
1:1000H 1:100V AT A3 SIZE

BACKFILL 20mm CLASS 3

REF	ZONE	REVISION	DATE	APP'D.
B		TP11 TO TP12(MW5) TO MW6., ILs TP1 - MW6 AMENDED HGL. FCR ADDED	12-3-10	
A		GENERAL AMENDMENTS	19-11-09	

SYMBOLS AND GENERAL NOTES

SEWERS —S— WATER MAINS —W— TELEPHONE CABLES —T—
GAS MAINS —G— ELEC. CABLES —E— MANHOLES —●— M.H. OR —▭— M.H.

REGARDING ACCURACY OF POSITIONS OF UNDERGROUND AND OVERHEAD STRUCTURES AND SERVICES SEE SPECIFICATION 92.A.014 ALL CONCRETE SHALL CONFORM WITH SPECIFICATION 92.A.017
ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (A.H.D.-METRES ABOVE MEAN SEA LEVEL)

DESIGNED	KLM	PLAN REFERENCE	
CHECKED	CRS	MELWAY REFERENCE	129d5&6
AUTHORISED BY		WATER OFFER FILE No.	LD164951

DON STIZZA & ASSOCIATES PTY. LTD.
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DSA REF. No. 2276
C.A.D. FILE NAME: E481801MW-43

MELBOURNE WATER
CITY OF CASEY
LYNDHURST NORTH MAIN DRAIN SECTION 76
LONGITUDINAL SECTION

SCALE: H=1:500, V=1:50
SHEET 3 OF 3
VER. B
DRAWING NO. 0705/76/3

A1