

MODEINA STAGE 19

CITY OF MELTON

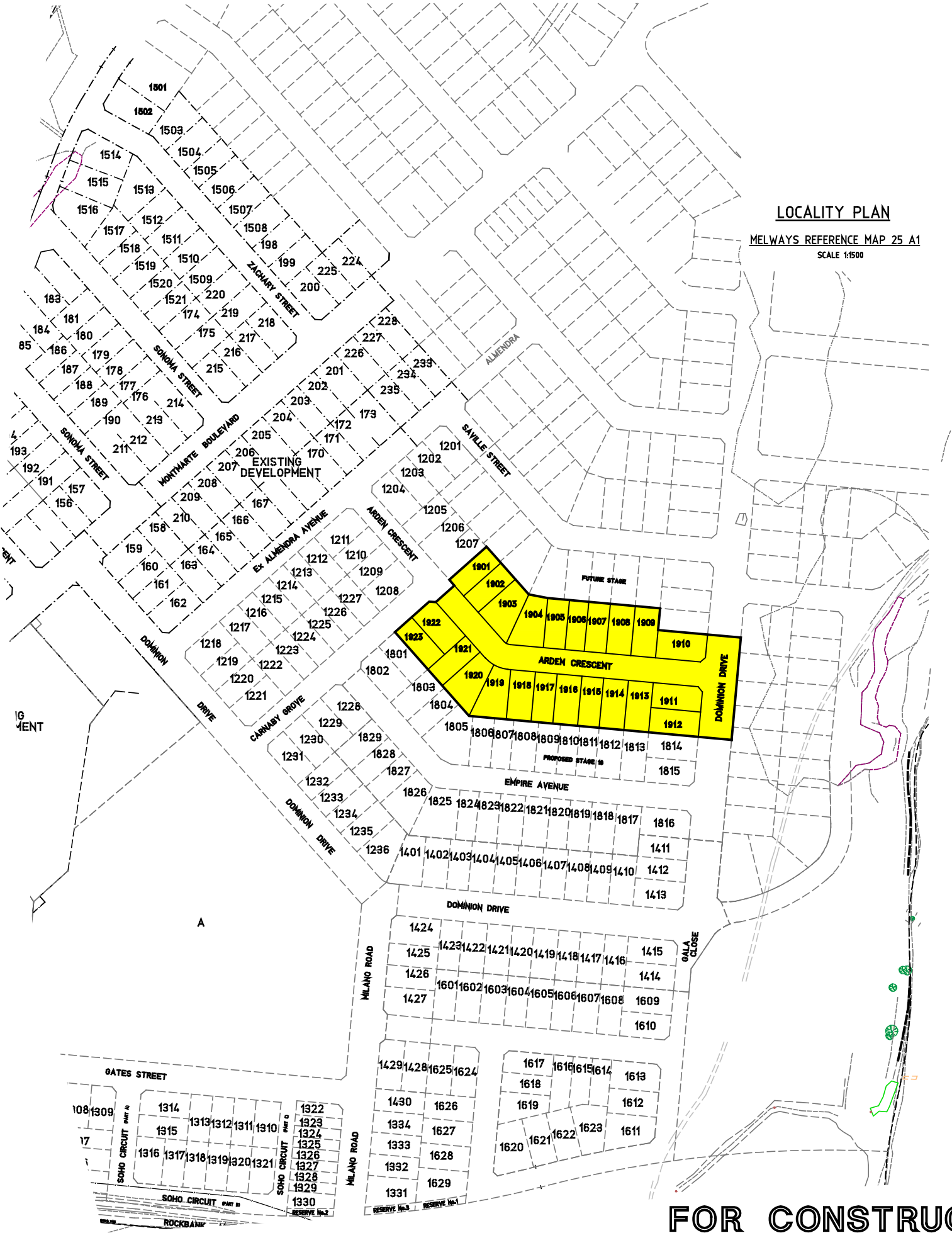


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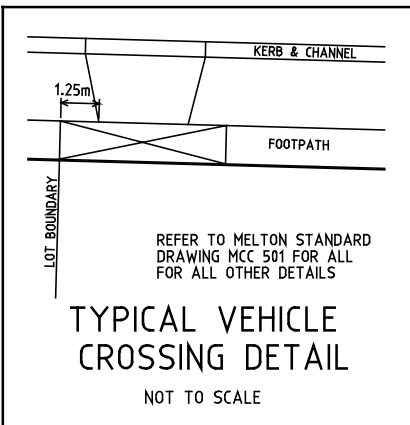
DRAWING INDEX

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1275/19/NE/13	SIGNAGE & LINEMARKING PLAN



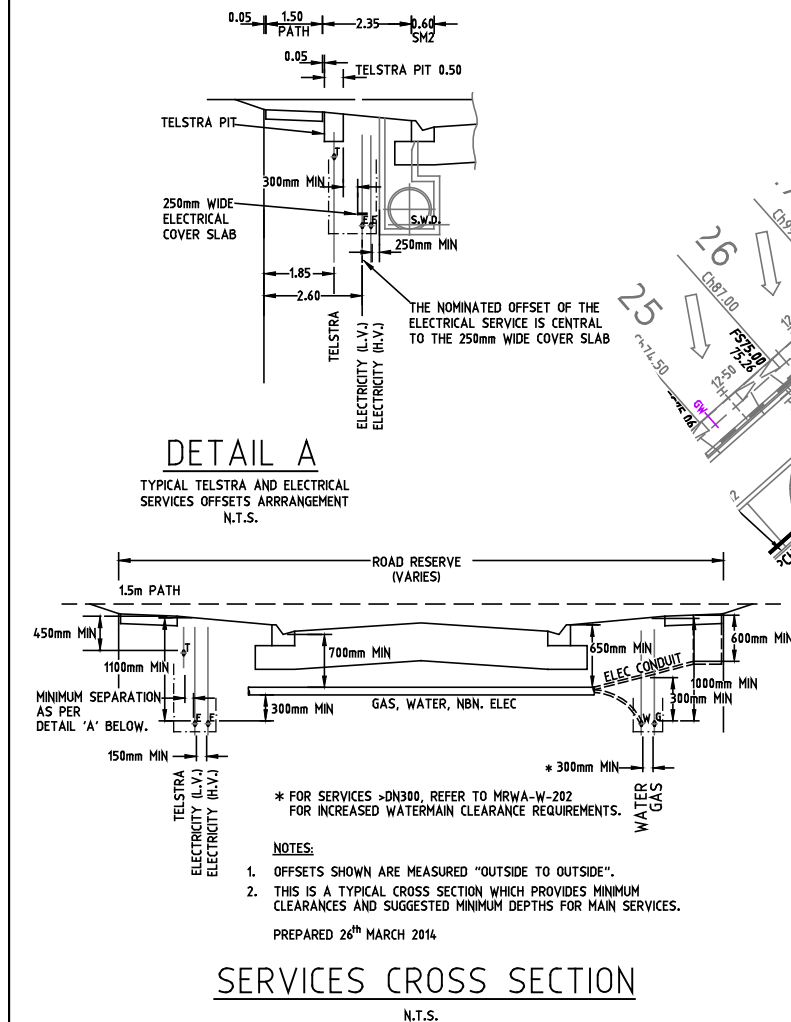
FOR CONSTRUCTION

DRAWING No. 1275/NE/19/1
MELWAYS REF. 25 A1



SERVICES OFFSET TABLE										
STREET	GAS		WATER		TELECOMMUNICATIONS		ELECTRICITY		LIGHTING	ROAD RES.
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	COLUMN	WIDTH
ARDEN CRESCENT	N	2.25	N	2.68	S	1.80	S	2.35	1.00 BOK	16.00
DOMINION DRIVE	W	2.25	W	2.68	E	2.85	E	3.60	1.00 BOK	21.50m

THESE DRAWINGS ARE TO BE USED ONLY FOR THE PURPOSE FOR WHICH THEY WERE INTENDED. NO RESPONSIBILITY WILL BE BORNE BY THE ENGINEERING CONSULTANT SHOULD THESE DRAWINGS BE USED FOR ANY OTHER PURPOSE.



THIS PLAN SHOWS DETAILS OF WORKS AFFECTING THE EXISTING SURFACE OF THE LAND WITHIN THE SUBDIVISION WHICH HAVE BEEN CARRIED OUT OR ARE PROPOSED TO BE CARRIED OUT PRIOR TO REGISTRATION OF THE PLAN OF SUBDIVISION, BEING FILL PLACED ON THE LAND TO THE EXTENT AND DEPTH SHOWN ON THIS PLAN.

THIS PLAN DOES NOT SHOW ANY OTHER FILL WHICH MAY HAVE BEEN PLACED ON THE LAND.

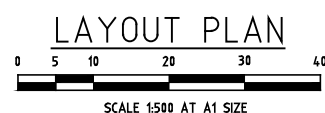
WHERE THE WORDS 'REG TO ...' OR '1 IN 150 TO ...' APPEAR ALONG AN ALLOTMENT BOUNDARY, THAT LOT IS TO BE GRADED EVENLY BETWEEN THE LEVELS INDICATED UNLESS NOTED OTHERWISE.

'FS' INDICATES THE GRADING IS TO COMMENCE FROM THE FINISHED SURFACE LEVEL AT THE PROPERTY BOUNDARY

'T' INDICATES THE GRADING IS TO COMMENCE FROM THE TOP OR LEVEL OF ANY BATTER AT THE FRONT OF THE PROPERTY

'R' INDICATES THE GRADING IS TO COMMENCE FROM A RIDGE LEVEL WHICH IS TO BE FORMED AT THE OFFSET INDICATED

ALL OTHER ALLOTMENTS REQUIRE NO REGRADING UNLESS DIRECTED IN WRITING BY THE SUPERINTENDENT.



REVISION				LEGEND				CHANGES AND TANGENT POINTS			
REV.	REVISION	DATE	APPD.	LEGEND	LEGEND	LEGEND	LEGEND	CHANGES AND TANGENT POINTS	CHANGES AND TANGENT POINTS	CHANGES AND TANGENT POINTS	CHANGES AND TANGENT POINTS
C1	COUNCIL REQUIREMENTS	23.03.18	J.B.	— G — GAS MAIN	— W — WATER MAIN	— E — ELECTRICITY CABLE	— T — TELECOMMUNICATIONS CABLE	— W — WATER CONDUIT	— G — GAS CONDUIT	— R — RECYCLED WATER CONDUIT	— C — COMBINED SERVICES CONDUIT
P1	PRELIMINARY ISSUE	25/01/18	J.B.	— H — HOUSE DRAIN PROPOSED/EX.	— P — PROPERTY INLET, DRAINAGE PITS	— S — EX/FUT. INLET, DRAINAGE PITS	— D — DRAINAGE PIT, STAGE/NUMBER	— S — EX/SEWER LINE AND STRUCTURES	— K — KERB AND CHANNEL	— K — EX/FUT. KERB AND CHANNEL	— K — KERB TO BE REMOVED OFFSITE
				— T.B.M. — T.B.M.	— A — A	— P.S.M. — P.S.M.	— STREET SIGN — STREET SIGN	— CHAINAGES AND TANGENT POINTS	— CHAINAGES AND TANGENT POINTS	— CHAINAGES AND TANGENT POINTS	— CHAINAGES AND TANGENT POINTS

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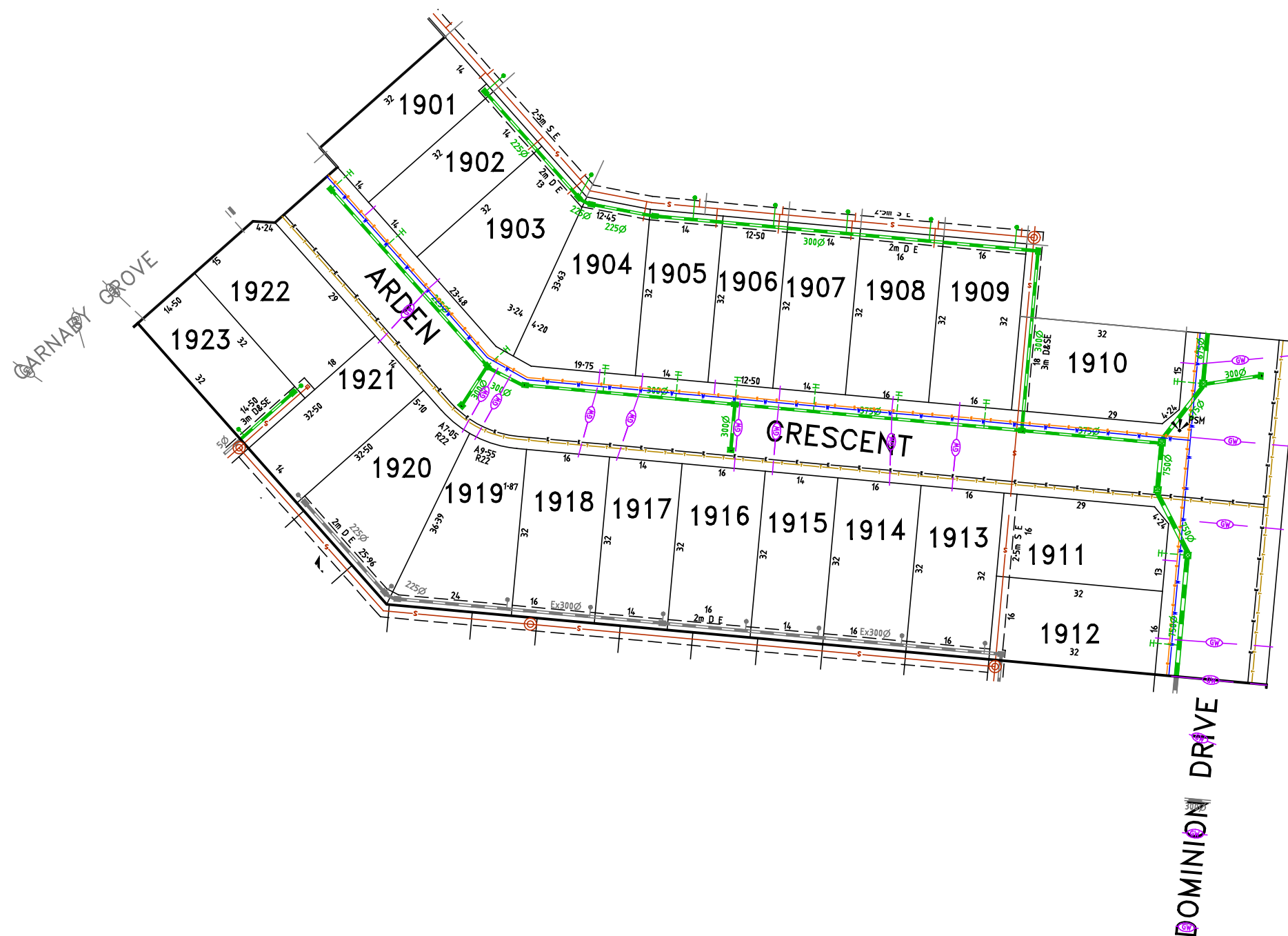


DRAWN: J.BEVERIDGE
DESIGNED: J.BEVERIDGE
CHECKED: L.PAPAZOIS
AUTHORISED: T.DAVOLI
DATE: 25/01/18

AUTHORITY: CITY OF MELTON
PROJECT: MODEINA STAGE 19
DETAILS: LAYOUT PLAN & SERVICES OFFSET TABLE

SCALE 1:500
LEVEL DATUM AHD
SHEET 2 OF 13
DRAWING No. 1275/19/NE/2
REV. C1

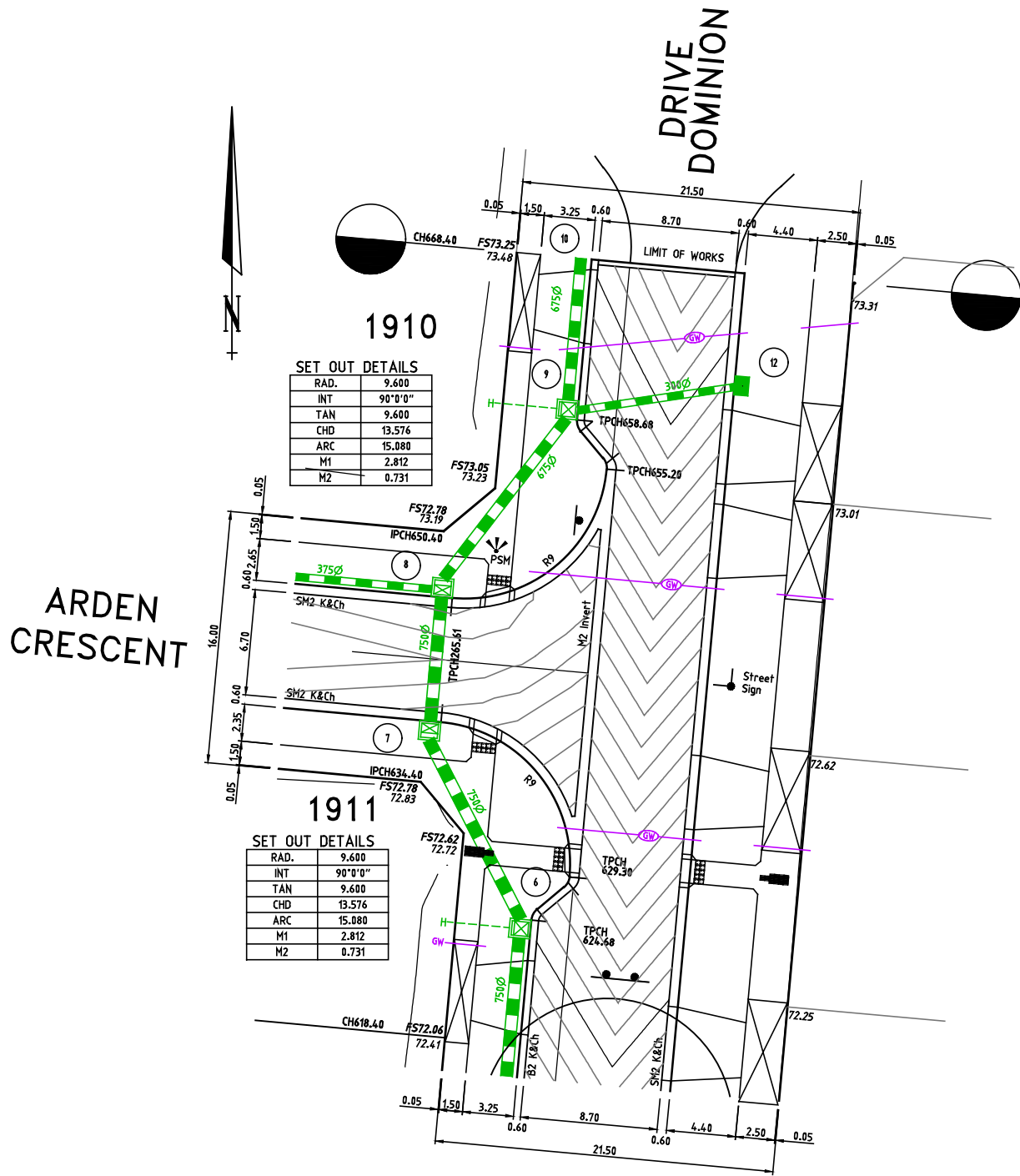
FOR CONSTRUCTION



NOTE: THE SERVICE PLAN IS A VISUAL PLAN ONLY
AND NOT TO BE USED FOR CONSTRUCTION PURPOSES

FOR CONSTRUCTION

				LEGEND										22 Business Park Drive Notting Hill 3168 A.C.N. 006 550 803 E: consulting@dpmvic.com.au W: www.dpmvic.com.au T: (03) 9538 5000 Consulting Group		DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE 1:500	
-	-	-	-		GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS	DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 19	LEVEL DATUM AHD							
-	-	-	-		WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL	CHECKED: L.PAPAZOIS	DETAILS: SERVICES PLAN	SHEET 3 OF 13							
-	-	-	-		RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (TITLE BOUNDARY)	AUTHORISED: T.DAVOLI	DRAWING No. 1275/NE/19/3 REV. C1								
-	-	-	-		ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL	DATE: 25/01/18									
C1	COUNCIL REQUIREMENTS	23.03.18	J.B.		TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL										
P1	PRELIMINARY ISSUE	25/01/18	J.B.		WATER CONDUIT		EX. SEWER LINE AND STRUCTURES		PROPOSED CONTOUR LINE & LEVEL										
REV.	REVISION	DATE	APPD.		GAS CONDUIT		KERB AND CHANNE		EXISTING CONTOUR LINE & LEVEL										
					RECYCLED WATER CONDUIT		EX./FUT. KERB AND CHANNE		FILLING IN EXCESS OF 200mm										
					COMBINED SERVICES CONDUIT		KERB TO BE REMOVED OFFSITE		CATCH DRAIN AND INVERT LEVEL										
					T.B.M.		STREET SIGN		EX. BATTER		PROP. BATTER								

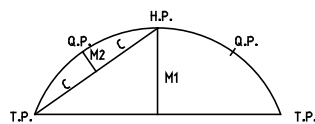


SET OUT DETAILS

RAD.	9.600
INT	90°0'0"
TAN	9.600
CHD	13.576
ARC	15.080
M1	2.812
M2	0.731

SET OUT DETAILS

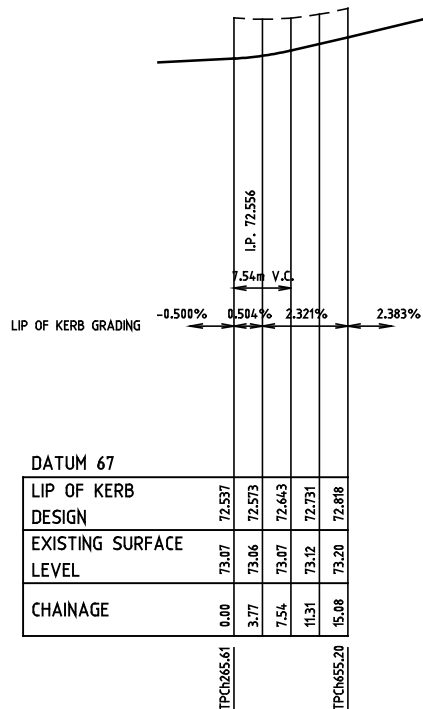
RAD.	9.600
INT	90°0'0"
TAN	9.600
CHD	13.576
ARC	15.080
M1	2.812
M2	0.731



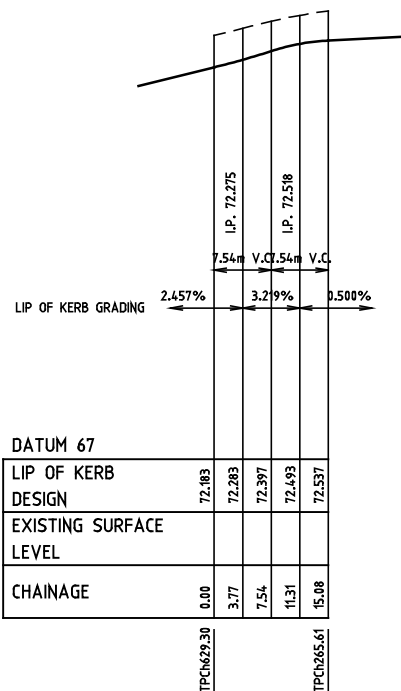
SET OUT DETAIL
N.T.S.

INTERSECTION DETAIL

SCALE 1:200 AT A1 SIZE



NORTH LIP OF KERB
LONGITUDINAL SECTION



SOUTH LIP OF KERB
LONGITUDINAL SECTION

FOR CONSTRUCTION

					LEGEND					
-	-	-	-	-		GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS
-	-	-	-	-		WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
-	-	-	-	-		RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (TITLE BOUNDARY)
-	-	-	-	-		ELECTRICITY CABLE		DRAINAGE PIT, STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL
-	-	-	-	-		TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
P1	COUNCIL REQUIREMENTS	23.03.18	J.B.	-		WATER CONDUIT		EX. SEWER LINE AND STRUCTURES		PROPOSED CONTOUR LINE & LEVEL
-	-	-	-	-		GAS CONDUIT		KERB AND CHANNEL		EXISTING CONTOUR LINE & LEVEL
-	-	-	-	-		RECYCLED WATER CONDUIT		EX./FUT. KERB AND CHANNEL		FILLING IN EXCESS OF 200mm
-	-	-	-	-		COMBINED SERVICES CONDUIT		KERB TO BE REMOVED OFFSITE		CATCH DRAIN AND INVERT LEVEL
REV.	REVISION	DATE	APPD.	-		T.B.M.		STREET SIGN		EX. BATTER
-	-	-	-	-		P.S.M.				PROP. BATTER

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AUTHORISED:	T.DAVOLI
DATE:	25/01/18

AUTHORITY:	CITY OF MELTON
PROJECT:	MODEINA STAGE 19
DETAILS:	INTERSECTION DETAILS

SCALE	1:500
LEVEL DATUM	AHD
SHEET	3 OF 13
DRAWING No.	1275/NE/19/4
REV.	C1

ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE GROWTH AREAS AUTHORITY (G.A.A.) ENGINEERING DESIGN AND CONSTRUCTION MANUAL FOR SUBDIVISION INTO GROWTH AREAS (APRIL 2011) AND TO THE SATISFACTION OF THE CITY OF MELBORN'S CHIEF EXECUTIVE OFFICE OR HIS/HER NOMINATED REPRESENTATIVE. THE SENIOR SUBDIVISION APPROVALS ENGINEER IS TO BE NOTIFIED IN WRITING, SEVEN (7) DAYS PRIOR TO THE COMMENCEMENT OF WORKS.

THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR SEVEN DAYS PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT.

CHAINAGES REFER TO CENTRELINE OF ROAD RESERVE UNLESS INDICATED OTHERWISE.

THE NATURE STRIPS AND CUT OR FILLED AREAS ON ALLOTMENTS ARE TO BE TOPSOILED WITH 100mm OF APPROVED MATERIAL. IF THE STRIPPED MATERIAL ON SITE IS NOT SUITABLE, THE TOPSOIL SHALL BE IMPORTED AT THE CONTRACTOR'S EXPENSE.

ALL ALLOTMENTS SHALL BE SMOOTHED, GRADED AND SHAPED TO AN EVEN SURFACE WITH A MINIMUM FALL OF 1 in 150 TO THE DRAINAGE OUTLET SHOWN.

ALL EASEMENT DRAINS ARE TO BE OFFSET 1.00m FROM PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN.

ALL DRAINAGE PIPES UNDER ROAD PAVEMENTS, FOOTPATHS OR DRIVEWAYS, ETC. SHALL BE BACKFILLED WITH FINE CRUSHED ROCK IN ACCORDANCE WITH THE CITY OF MELTON ROAD & DRAINAGE SPECIFICATION.

UPON COMPLETION OF CONSTRUCTION THE WHOLE SITE SHALL BE CLEANED UP, GRADED AND ALL RUBBISH REMOVED AND LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.

TELECOMMUNICATIONS CONDUITS WILL BE SUPPLIED AND LAID BY OTHERS AND THE TRENCHES EXCAVATED AND BACKFILLED BY THE CONTRACTOR. THE CONTRACTOR SHALL GIVE THE TELECOMMUNICATIONS AREA ENGINEER 7 DAYS NOTICE PRIOR TO COMMENCING TRENCHING WORK.

TRENCHING FOR UNDERGROUND ELECTRICAL CABLES, SUPPLY AND INSTALLATION OF CONDUITS, AND SUPPLY AND PLACEMENT OF BACKFILL IS TO BE UNDERTAKEN BY THE CONTRACTOR UNDER THE SUPERVISION OF THE RELEVANT ELECTRICAL AUTHORITY.

THE CONTRACTOR SHALL CO-OPERATE WITH OTHER CONTRACTORS AND/OR AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE TO BE INSTALLED PRIOR TO THE FINAL PAVEMENT COURSE.

WHEN ROADWAYS ARE TRUNCATED AGAINST RISING LANDS PENDING DEVELOPMENT OF FUTURE STAGES, TEMPORARY A.G. DRAINS SHALL BE INSTALLED ACROSS THE END OF ROAD TO PREVENT SEEPAGE INTO THE PAVEMENT.

THE CONTRACTOR WHEN ENGAGED IN BLASTING OPERATION, SHALL NOT BLAST WITHIN 4.5m OF AN EXISTING LINE OF WATER, GAS OR SEWER PIPES OR WITHIN 15m OF ANY COMPLETED PART OF THE WORKS WITHOUT THE CONSENT OF THE SUPERINTENDENT.

PROPERTY INLETS AND HOUSE DRAINS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH E.D.C.M. STANDARD DRAWINGS 701, 702, 703 & 704. HOUSE DRAINS FOR ALLOTMENTS SHALL BE AT A SUFFICIENT DEPTH TO TREAT DISCHARGE AT A MINIMUM OF 1 in 100 FALL FROM ALL POINTS WITHIN THE PROPERTY AREA, AND SHALL BE CONNECTED TO UNDERGROUND DRAINS IN ROAD RESERVES WHERE POSSIBLE WITH 600mm MINIMUM COVER AT THE PROPERTY LINE. PROPERTY INLETS ARE TO BE A MINIMUM DEPTH OF 500mm BELOW FINISHED SURFACE LEVEL. HOUSE DRAINS ARE TO BE LOCATED 5.50m FROM THE LOW SIDE PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN.

ALL STORMWATER DRAINS SHALL BE R.C.P. CLASS 2 UNLESS OTHERWISE STATED.

ALL PIPES LESS THAN OR EQUAL TO 525mm DIA ARE TO BE RUBBER JOINTED.

ALL DRAINS BEHIND KERB & CHANNEL SHALL BE BACKFILLED WITH CLASS 3 C.R. (20mm NOM. SIZE).

ALL DRAINS AND SEWERS BEHIND THE ROAD PAVEMENT AND CONCRETE FOOTPATHS, DRIVEWAYS OR ANY SEALED SURFACE AND KERB & CHANNEL SHALL BE BACKFILLED WITH 20mm NOM. SIZE CLASS 2 C.R. ALL BACKFILLING TO BE COMPACTED TO 95% MINIMUM DRY DENSITY.

BEFORE COMMENCING WORK ON DRAINS IN EXCESS OF 1.5 METRES DEEP A NOTICE OF SUCH A PROPOSAL IS TO BE SENT TO THE OCCUPATION HEALTH & SAFETY AUTHORITY IN ACCORDANCE WITH CLAUSE 5.1.27 OF THE OCCUPATIONAL HEALTH & SAFETY REGULATIONS ACT 2007. THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE STABLE CONDITION AND TO PROTECT THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS. A FOREMAN QUALIFIED AS AN EVACUATION SUPERVISOR, MUST BE IN ATTENDANCE AT ALL TIMES DURING SUCH EXCAVATIONS.

BOTH KERBS ARE TO BE MARKED WITH THE LETTERS G, W, T, E AND H ABOVE THE SERVICE LOCATIONS AS SPECIFIED.

CUT BATTERS ARE NOT TO EXCEED 1 in 4 AND FILL BATTERS ARE NOT TO EXCEED 1 in 4 UNLESS INDICATED OTHERWISE. CUT TO EXCEED 1 TO BE GRASSED, MULCHED WITH A MIXTURE OF CHIPPED GRASS, HAY, STRAW AND BITUMINOUS EMULSION TO THE SATISFACTION OF THE CITY OF MELTON SUPERVISING ENGINEER. CUT BATTERS WITHIN PROPERTIES ADJACENT TO VEHICLE CROSSINGS ARE NOT TO EXCEED 1 in 6.

DRIVEWAY & PRAM CROSSINGS SHOWN ON THESE PLANS ARE DIAGRAMMATIC ONLY. FOR PRAM CROSSING DETAILS REFER TO STD DRG EDM 403. FOR VEHICLE CROSSING DETAILS REFER TO CITY OF MELTON STD DRG MDC 501.

STREET DRAINS ARE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.5 & THE CURRENT CITY OF MELTON REQUIREMENTS INCLUDING THE PROVISION OF LOGS.

THE CONTRACTOR IS TO ENSURE THAT HIS CONSTRUCTION PROCEDURES AND STANDARDS CONTROL THE VOLUME AND LOCATION FOR COLLECTION OF SEDIMENT DISCHARGE ACCORDING TO CURRENT BEST PRACTICES.

OPTUS AND TELSTRA SERVICE CONDUITS ARE TO BE EXTENDED TO 100MM INSIDE THE PROPERTY BOUNDARY, AND GAS AND WATER CONDUITS SHALL EXTEND 300mm PAST THE PROPERTY BOUNDARY WHERE FOOTPATHS ARE TO BE CONSTRUCTED. LOCATION OF CONDUITS IS TO BE MARKED ON FOOTPATHS. CONDUITS ARE TO BE 50mm HD PVC LAID AT A MIN. DEPTH OF 200mm BELOW PAVEMENT SUBGRADE.

ALL LINEMARKING TO BE WITH REFLECTORIZED GLASS BEAD PANT OF LONG LIFE TYPE.

FOR LINE PATTERNS AND DIMENSIONS OF LONGITUDINAL AND TRAVERSE LINES REFER TO THE VIC ROADS TRAFFIC ENGINEERING MANUAL VOL. 2 (JULY 1986) TABLE 18-3.

THE CONTRACTOR IS TO BE RESPONSIBLE FOR ENSURING THAT SUFFICIENT WARNING SIGNS, LIGHTS AND BARRIERS ARE ERECTED AND MAINTAINED DURING THE PROGRESS OF WORK.

SIGNS, MARKINGS AND DELINEATORS SHOULD BE ERECTED IN ACCORDANCE WITH AS1742-1,2,3 1986, WHICH COMPLIES WITH THE VIC ROADS ROADWORKS SIGNAGE CODE OF PRACTICE.

THE CONTRACTOR IS TO INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKERS ON THE ROAD CENTRELINE AND MARKER POSTS TO INDICATE THE LOCATION OF THE FIRELOGS.

ANY FOOTPATHS OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIODS TO BE REINSTATED TO THE SATISFACTION OF THE CITY OF MELTON.

REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED TREE RETENTION PLAN. NO MATERIAL IS TO BE BURNED ON SITE UNLESS AUTHORISED BY THE SUPERINTENDENT.

EARTHWORKS ARE TO BE PERFORMED IN ACCORDANCE WITH AS3798-2007. ON COMPLETION THE CONTRACTOR SHALL PRESENT A "LEVEL 1" TYPED REPORT NOMINATING THE EXTENT OF FILL PLACED, ITS CONFORMANCE WITH THE SPECIFICATION AND ITS CLASSIFICATION AS CONTROLLED FILL. FILLING IN PROPERTIES IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOPSOIL AND ALL VEGETABLE MATTER IS TO BE STRIPPED FROM SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO MINIMUM DRY DENSITY RATIO OF 95% STANDARD IN ACCORDANCE WITH A.S. 3978. COMPACTION RESULTS ARE TO BE PROVIDED TO THE SUPERINTENDENT FOR ALLOTMENTS WITH EXCESS OF 300mm OF FILL.

A.G. DRAINS (100mm) ARE TO BE INSTALLED BEHIND ALL KERB & CHANNEL AND CONCRETE INVERTS IN ACCORDANCE WITH STANDARD DRAWINGS EDM 202. AG'S BEHIND CONCRETE INVERTS SHALL BE BACKFILLED WITH CLASS 3 BASALTIC SCREENINGS OR NO FINES CONCRETE BLOCKS COVERED WITH GEOTEXTILE FABRIC EXTENDING 225mm EITHER SIDE OF THE AG TRENCH.

ALL CONCRETE FOR KERB AND CHANNEL, FOOTPATH AND DRIVE CROSSINGS TO BE 25MPa UNLESS NOTED OTHERWISE

THE CONTRACTOR CANNOT CONSTRUCT ANY ELECTRICAL WORKS WITHOUT THE PRIOR CONSENT OF THE RELEVANT ELECTRICITY AUTHORITY

PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:-

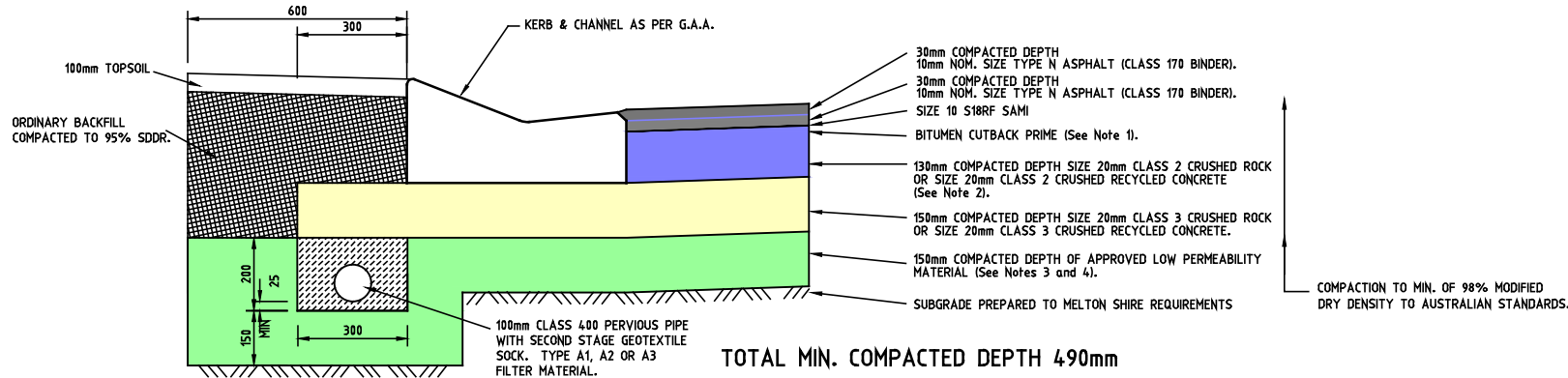
- SOURCE OF QUARRY MATERIAL
- OPTIMUM MOISTURE CONTENT AND MAXIMUM DRY DENSITY OF THE F.C.R. TO BE USED (FROM N.A.T.A. APPROVED LABORATORY)
- IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, NEW TEST RESULTS SHALL BE PROVIDED.

THE DISPOSAL SITE FOR SPOIL FROM SITE & THE TRUCK ROUTE IS TO BE SUBMITTED TO & APPROVED BY THE CITY OF MELTON IN WRITING PRIOR TO COMMENCEMENT OF ANY WORK. ALL EXCAVATED CLEAN MATERIAL IS TO BE STOCKPOLED ON SITE AS DIRECTED BY THE SUPERINTENDENT.

COMPACTION RESULTS FOR SEWER MAINS CROSSING ROAD RESERVES ARE TO BE SUBMITTED TO THE SUPERINTENDENT.

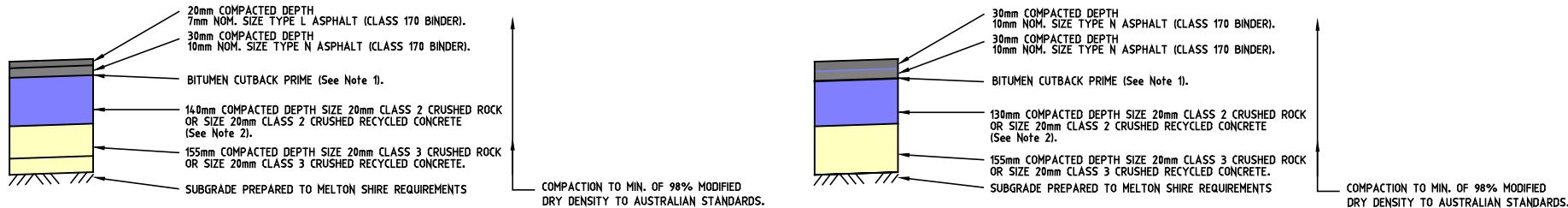
-
- Diagram illustrating the cross-section of a road construction, showing various layers and materials. The diagram includes dimensions and labels for different components.
- Dimensions:**
- Overall width: 600
 - Top layer width: 300
 - Subgrade width: 300
 - Top layer thickness: 100mm
 - Subgrade depth: 150
 - Subgrade width: 200
 - Subgrade depth: 25
- Labels and Materials:**
- 100mm TOPSOIL
 - ORDINARY BACKFILL COMPACTED TO 95% SDDR.
 - KERB & CHANNEL AS PER G.A.A.
 - 20mm COMPACTED DEPTH 7mm NOM. SIZE TYPE L ASPHALT (CLASS 170 BINDER).
 - 30mm COMPACTED DEPTH 10mm NOM. SIZE TYPE N ASPHALT (CLASS 170 BINDER).
 - SIZE 10 S18RF SAMI
 - BITUMEN CUTBACK PRIME (See Note 1).
 - 140mm COMPACTED DEPTH SIZE 20mm CLASS 2 CRUSHED ROCK OR SIZE 20mm CLASS 2 CRUSHED RECYCLED CONCRETE (See Note 2).
 - 100mm COMPACTED DEPTH SIZE 20mm CLASS 3 CRUSHED ROCK OR SIZE 20mm CLASS 3 CRUSHED RECYCLED CONCRETE.
 - 150mm COMPACTED DEPTH OF APPROVED LOW PERMEABILITY MATERIAL (See Notes 3 and 4).
 - SUBGRADE PREPARED TO MELTON SHIRE REQUIREMENTS
 - 100mm CLASS 400 PERVIOUS PIPE WITH SECOND STAGE GEOTEXTILE SOCK. TYPE A1, A2 OR A3 FILTER MATERIAL.
- COMPACTION TO MIN. OF 98% MODIFIED — DRY DENSITY TO AUSTRALIAN STANDARDS.**

ARDEN CRESCENT



DOMINION DRIVE

NOT TO SCALE DESIGN CBR=3



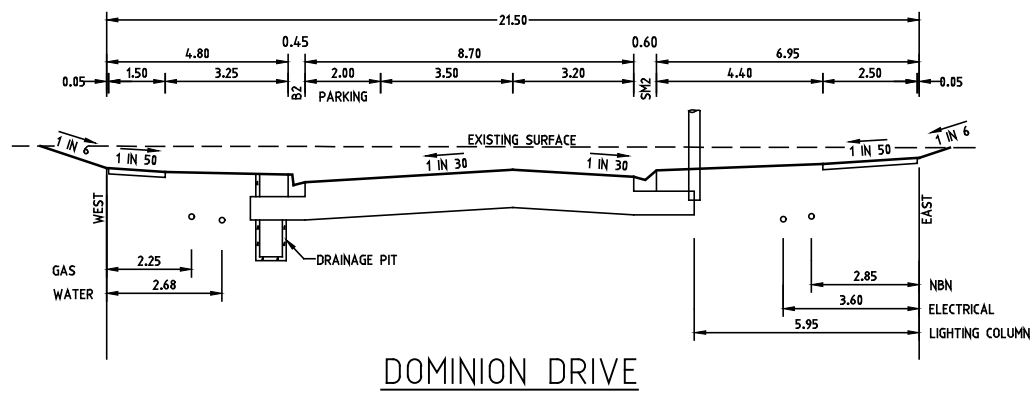
TOTAL MIN. COMPACTED DEPTH 345mm

TOTAL MIN. COMPACTED DEPTH 345mm

TO BE USED ONLY AT THE DIRECTION OF COUNCIL'S WORKS SUPERVISOR

DESIGN CBR=10

FOR CONSTRUCTION

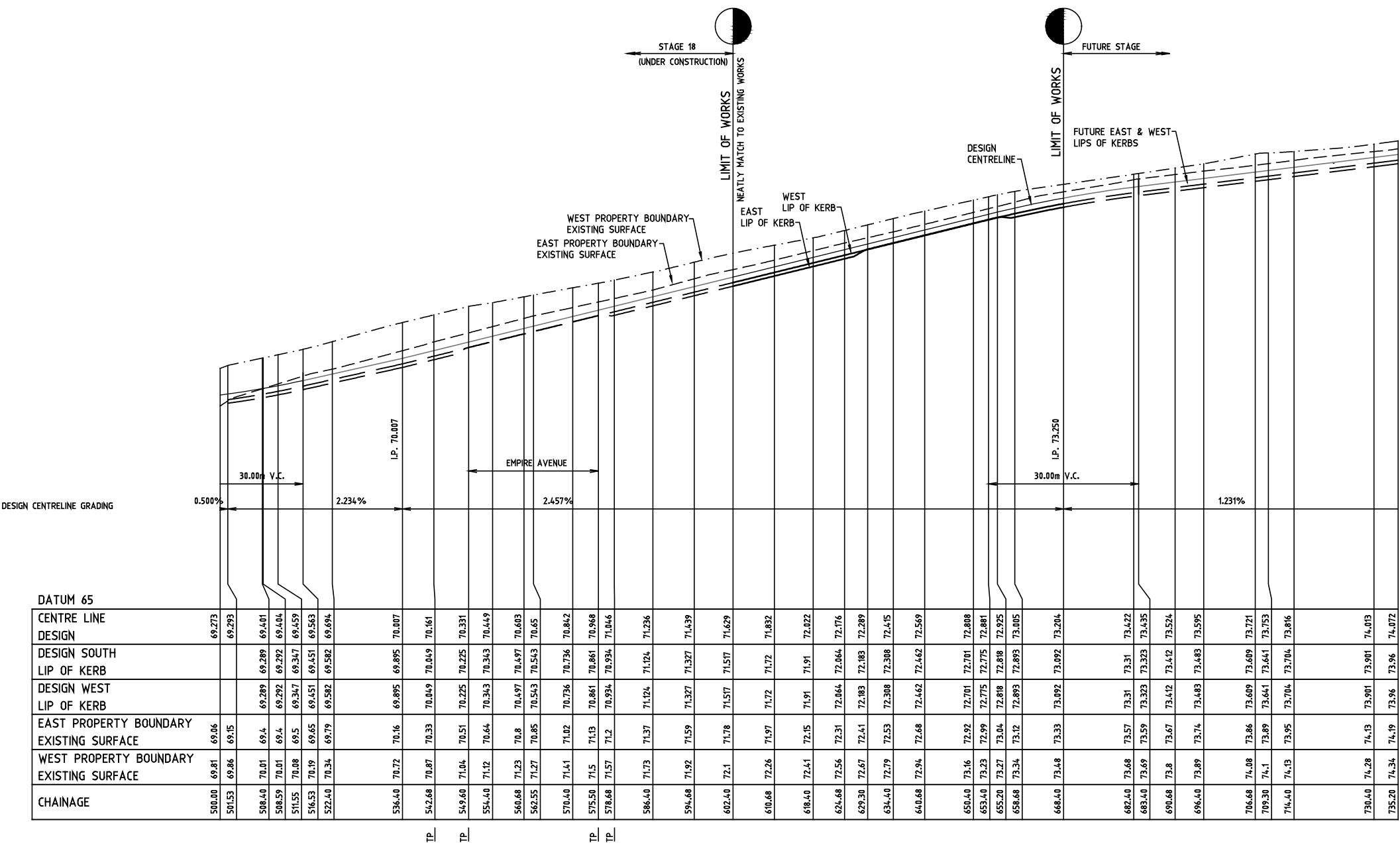


NOT TO SCALE

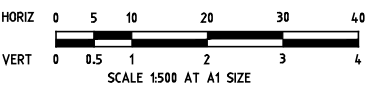
N.T.S.

NOT TO SCALE

[illegible]

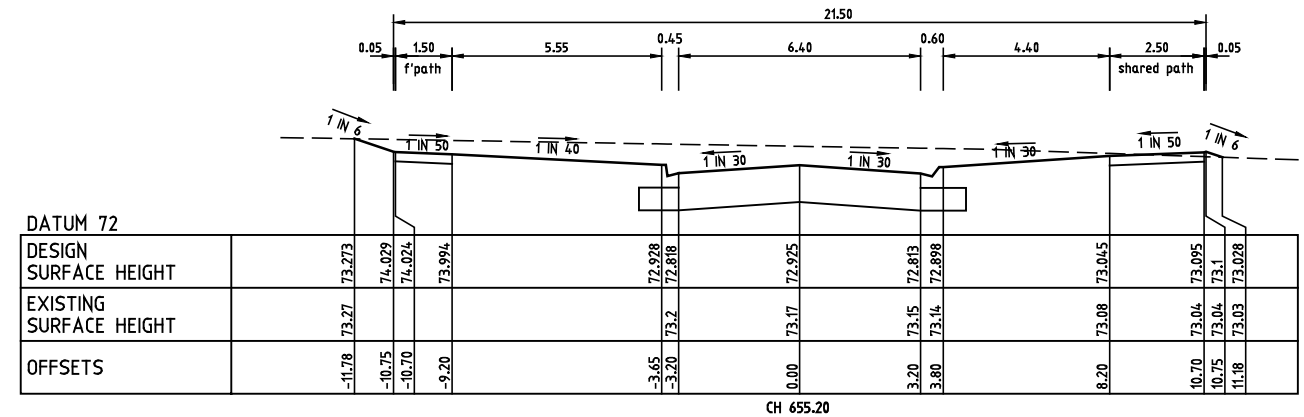
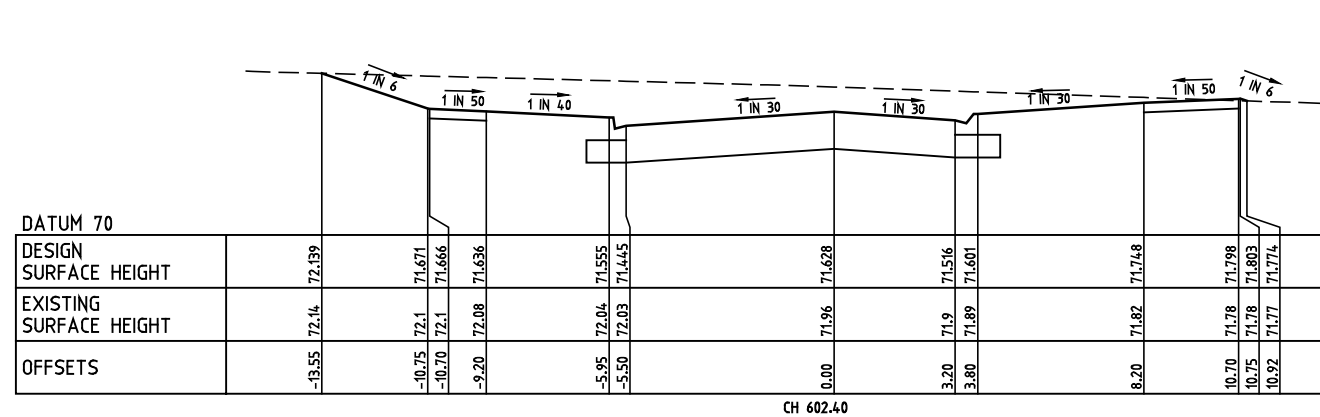


ROAD LONGITUDINAL SECTION DOMINION DRIVE
SCALES HOR 1 : 500 VER 1 : 50

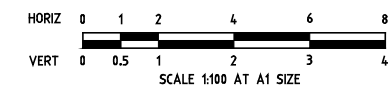


FOR CONSTRUCTION

REV.	REVISION	DATE	APPD.	LEGEND	22 Business Park Drive Notting Hill 3168 A.C.N. 006 550 803 E: consulting@dpmvic.com.au W: www.dpmvic.com.au T: (03) 9538 5000	Consulting Group	DRAWN: J.BEVERIDGE DESIGNED: J.BEVERIDGE CHECKED: L.PAPAZOIS AUTHORISED: T.DAVOLI DATE: 25/01/18	AUTHORITY: CITY OF MELTON PROJECT: MODEINA STAGE 19 DETAILS: DOMINION DRIVE - LONGITUDINAL SECTION	SCALE 1:500 LEVEL DATUM AHD SHEET 7 OF 13 DRAWING No. 1275/NE/19/7 REV. C1
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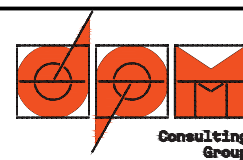
SCALES HOR 1 : 100 VER 1 : 50



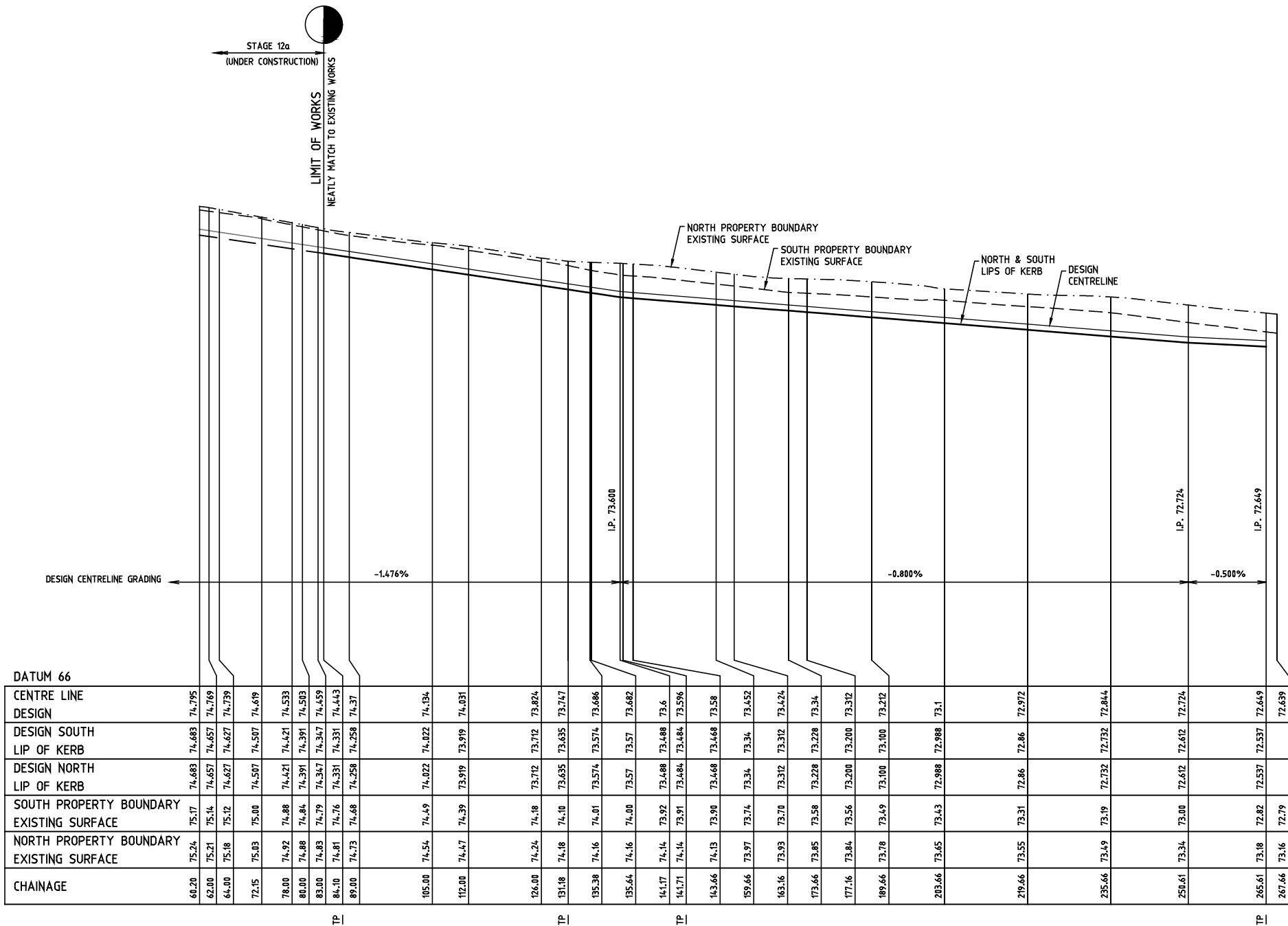
	SCALE 1:500	
	LEVEL DATUM AHD	
	SHEET 8 OF 13	
CROSS SECTIONS	DRAWING No.	REV.
	1275/NE/19/8	C1

REV.	REVISION	DATE	APPD.	LEGEND
-	-	-	-	 GAS MAIN  WATER MAIN  RECYCLED WATER MAIN  ELECTRICITY CABLE  TELECOMMUNICATIONS CABLE  WATER CONDUIT  GAS CONDUIT  RECYCLED WATER CONDUIT  COMBINED SERVICES CONDUIT  T.V. & C.B.S.V.
-	-	-	-	 HOUSE DRAIN PROPOSED/EX.  PROPERTY INLET, DRAINAGE PITS  EX./FUT. INLET, DRAINAGE PITS  DRAINAGE PIT STAG/NUMBER  SEWER LINE AND STRUCTURES  EX./SEWER LINE AND STRUCTURES  KERB AND CHANNEL  EX./FUT. KERB AND CHANNEL  KERB TO BE REMOVED OFFSITE  STREET SIGN
-	-	-	-	 CHAINAGES AND TANGENT POINTS  EXISTING SURFACE LEVEL  FINISHED LEVEL (TITLE BOUNDARY)  DESIGN TOP/TOE OF BATTER LEVEL  DESIGN PAYEMENT LEVEL  PROPOSED CONTOUR LINE & LEVEL  EXISTING CONTOUR LINE & LEVEL  FILLING IN EXCESS OF 100mm  CATCH DRAIN AND INVERT LEVEL  EX. BATTER, EX. PROP. BATTER
C1	COUNCIL REQUIREMENTS	23.03.18	J.B.	
P1	PRELIMINARY ISSUE	25/01/18	J.B.	

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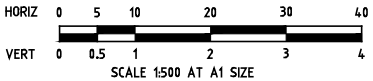


DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE 1:500
DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 19	LEVEL DATUM AHD
CHECKED: L.PAPAZOIS		SHEET 8 OF 13
AUTHORISED: T.DAVOLI		DRAWING No.
DATE: 25/01/18	DETAILS: DOMINION DRIVE - CROSS SECTIONS	1275/NE/19/8
		REV. C1



ROAD LONGITUDINAL SECTION ARDEN CRESCENT

SCALES HOR 1 : 500 VER 1 : 50

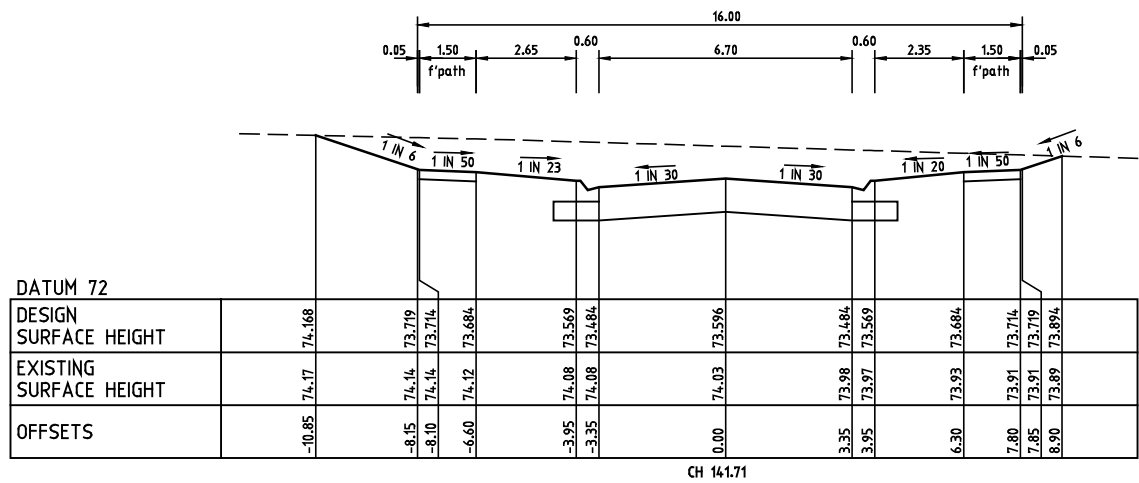


FOR CONSTRUCTION

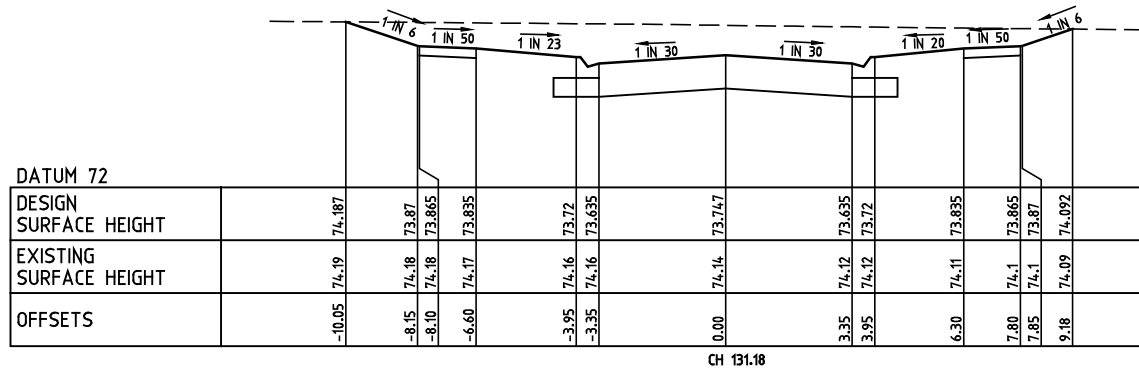
			LEGEND					
-	-	-		GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS
-	-	-		WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
-	-	-		RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (OTILE BOUNDARY)
-	-	-		ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL
-	-	-		TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
C1	COUNCIL REQUIREMENTS	23.03.18	J.B.		WATER CONDUIT		EX. SEWER LINE AND STRUCTURES	PROPOSED CONTOUR LINE & LEVEL
P1	PRELIMINARY ISSUE	25/01/18	J.B.		GAS CONDUIT		KERB AND CHANNEL	EXISTING CONTOUR LINE & LEVEL
REV.	REVISION	DATE	APPD.		RECYCLED WATER CONDUIT		EX./FUT. KERB AND CHANNEL	FILLING IN EXCESS OF 200mm
					COMBINED SERVICES CONDUIT		KERB TO BE REMOVED OFFSITE	CATCH DRAIN AND INVERT LEVEL
					T.B.M.		STREET SIGN	EX. BATTER
					A			PROP. BATTER

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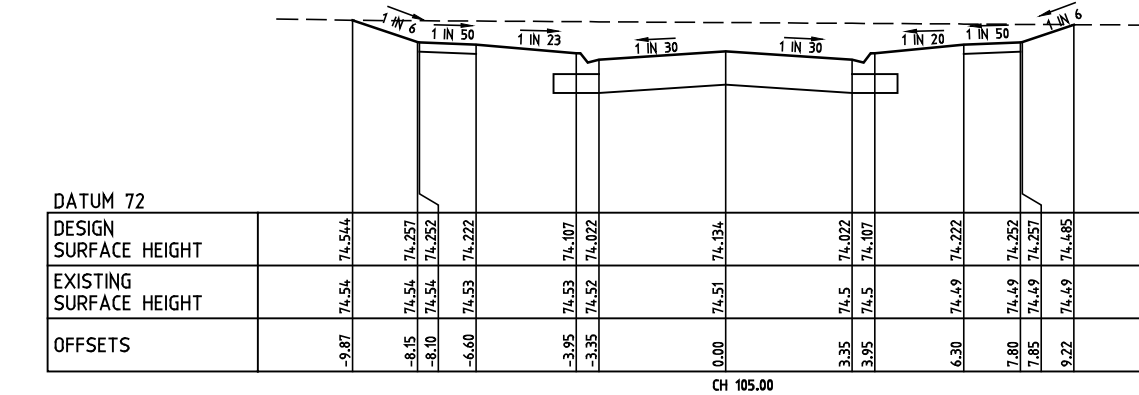
DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE 1:500
DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 19	LEVEL DATUM AHD
CHECKED: L.PAPAZOIS	DETAILS: ARDEN CRESCENT - LONGITUDINAL SECTION	SHEET 9 OF 13
AUTHORISED: T.DAVOLI		DRAWING No. 1275/NE/19/9
DATE: 25/01/18		REV. C1



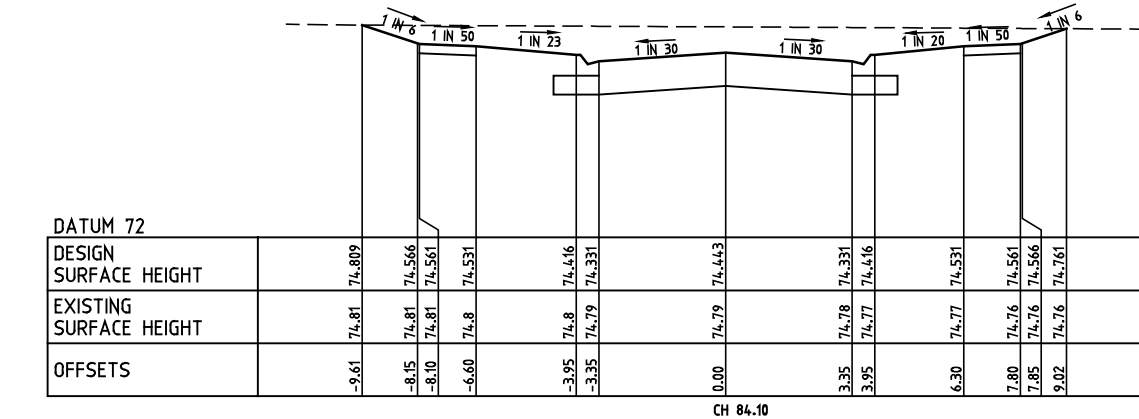
DATUM 72		
DESIGN SURFACE HEIGHT		74.168
EXISTING SURFACE HEIGHT		74.17
OFFSETS		-10.85



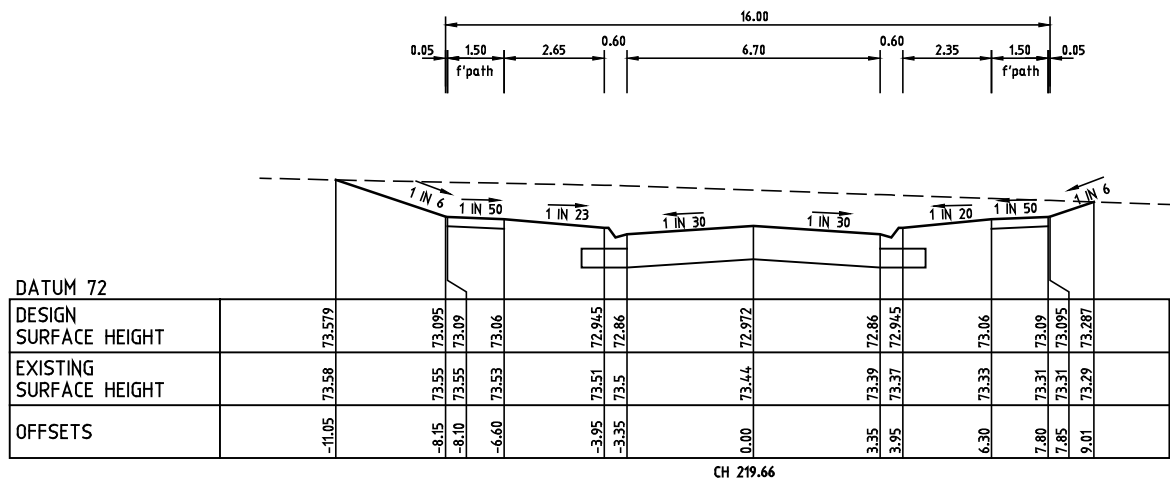
DATUM 72		
DESIGN SURFACE HEIGHT		74.187
EXISTING SURFACE HEIGHT		74.19
OFFSETS		-10.05



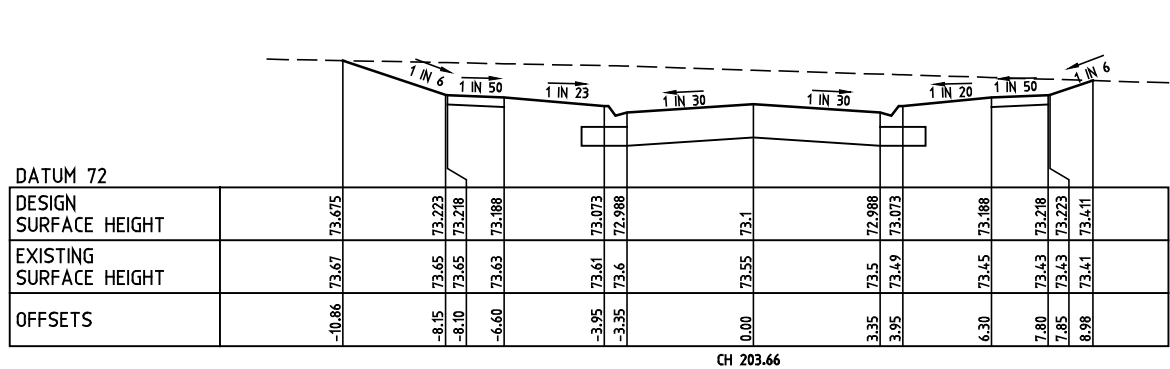
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DESIGN SURFACE HEIGHT		74.544
EXISTING SURFACE HEIGHT		74.54
OFFSETS		-9.87



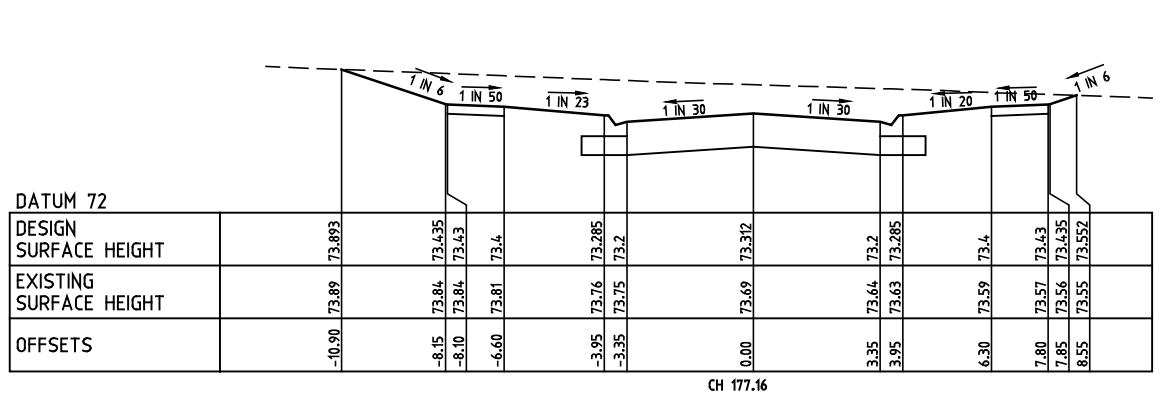
DATUM 72		
DESIGN SURFACE HEIGHT		74.809
EXISTING SURFACE HEIGHT		74.81
OFFSETS		-9.61



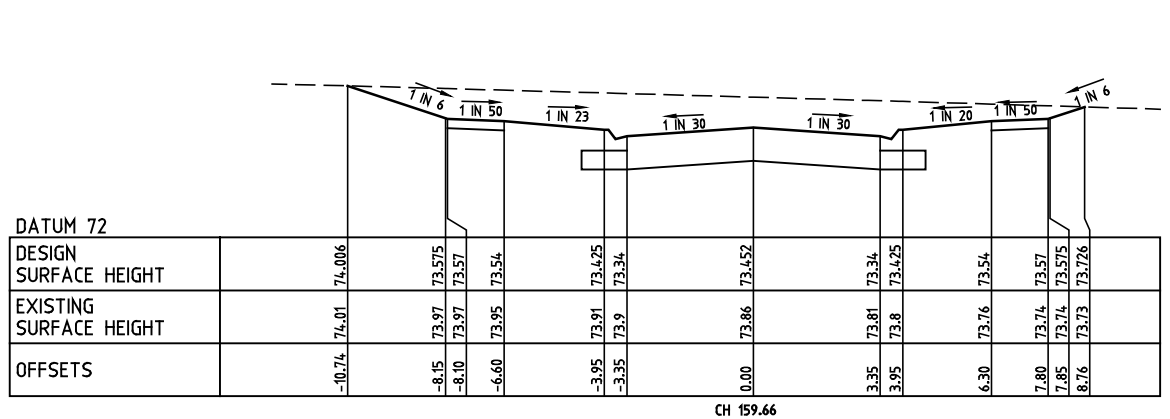
DATUM 72		
DESIGN SURFACE HEIGHT		73.579
EXISTING SURFACE HEIGHT		73.58
OFFSETS		-11.05



DATUM 72		
DESIGN SURFACE HEIGHT		73.675
EXISTING SURFACE HEIGHT		73.67
OFFSETS		-10.86



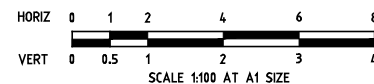
DATUM 72		
DESIGN SURFACE HEIGHT		73.893
EXISTING SURFACE HEIGHT		73.89
OFFSETS		-10.90



DATUM 72		
DESIGN SURFACE HEIGHT		74.006
EXISTING SURFACE HEIGHT		74.01
OFFSETS		-10.74

ROAD CROSS SECTIONS ARDEN CRESCENT- SHEET 1 of 2

SCALES HOR 1 : 100 VER 1 : 50



FOR CONSTRUCTION

REV.	REVISION	DATE	APPD.	LEGEND
C1	COUNCIL REQUIREMENTS	23.03.18	J.B.	- GAS MAIN - WATER MAIN - RECYCLED WATER MAIN - ELECTRICITY CABLE - TELECOMMUNICATIONS CABLE - WATER CONDUIT - GAS CONDUIT - RECYCLED WATER CONDUIT - COMBINED SERVICES CONDUIT - T.B.M. - A - P.S.M.
P1	PRELIMINARY ISSUE	25/01/18	J.B.	- HOUSE DRAIN PROPOSED/EX. - PROPERTY INLET, DRAINAGE PITS - EX./FUT. INLET, DRAINAGE PITS - DRAINAGE PIT STAGE/NUMBER - SEWER LINE AND STRUCTURES - EX. SEWER LINE AND STRUCTURES - KERB AND CHANNEL - EX./FUT. KERB AND CHANNEL - KERB TO BE REMOVED OFFSITE - STREET SIGN

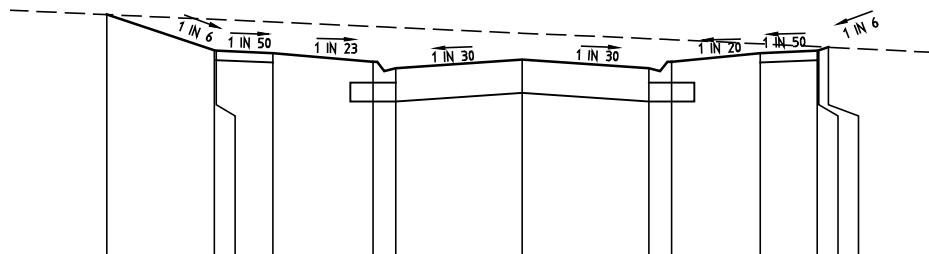
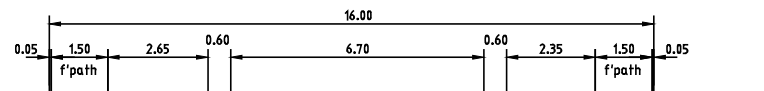
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T: (03) 9538 5000



DRAWN:	J.BEVERIDGE
DESIGNED:	J.BEVERIDGE
CHECKED:	L.PAPAZOIS
AUTHORISED:	T.DAVOLI
DATE:	25/01/18

AUTHORITY:	CITY OF MELTON
PROJECT:	MODEINA STAGE 19
DETAILS:	ARDEN CRESCENT - CROSS SECTIONS

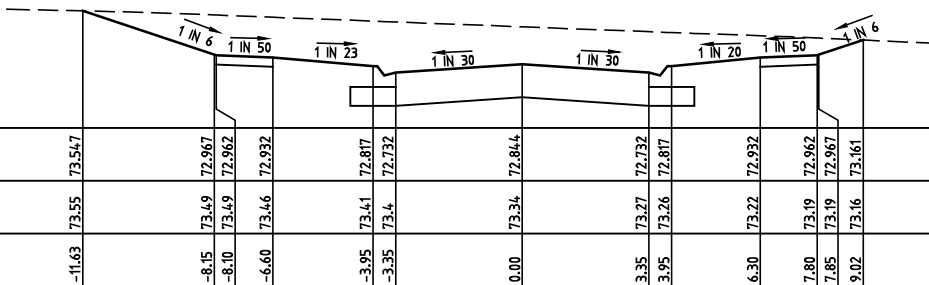
SCALE	1:500
LEVEL DATUM	AHD
SHEET	10 OF 13
DRAWING No.	1275/NE/19/10
REV.	C1



DATUM 70

DESIGN SURFACE HEIGHT		73.245	72.772	72.767	72.737		72.622	72.537		72.649		72.537	72.622		72.737	72.767	72.772	
EXISTING SURFACE HEIGHT		73.245					73.09	73.07		73		72.93	72.91			72.772	72.814	
OFFSETS		-10.99	-8.15	-8.10	-6.60		-3.95	-3.35		0.00		3.35	3.95		6.30	7.80	8.10	

CH 265.61



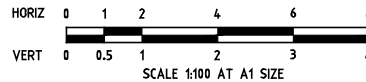
DATUM 72

DESIGN SURFACE HEIGHT		73.547	72.967	72.962	72.932		72.817	72.732		72.844		72.732	72.817		72.932	72.962	72.967	
EXISTING SURFACE HEIGHT		73.55	73.49	73.49	73.46		73.41	73.4		73.34		73.27	73.26		73.22	73.19	73.16	
OFFSETS		-11.63	-8.15	-8.10	-6.60		-3.95	-3.35		0.00		3.35	3.95		6.30	7.80	8.10	

CH 235.66

ROAD CROSS SECTIONS ARDEN CRESCENT- SHEET 2 of 2

SCALES HOR 1 : 100 VER 1 : 50



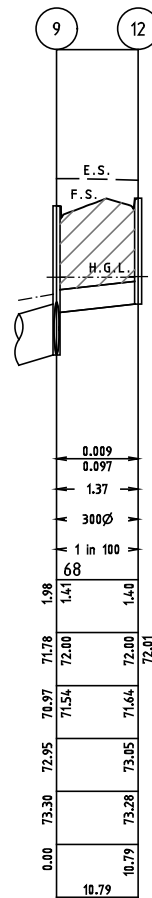
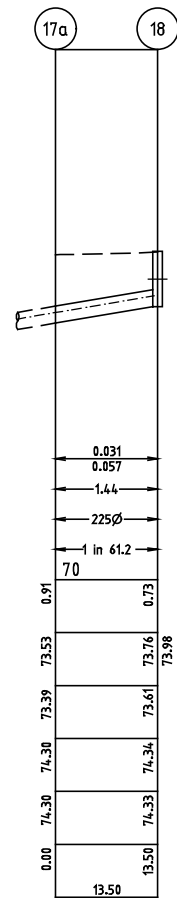
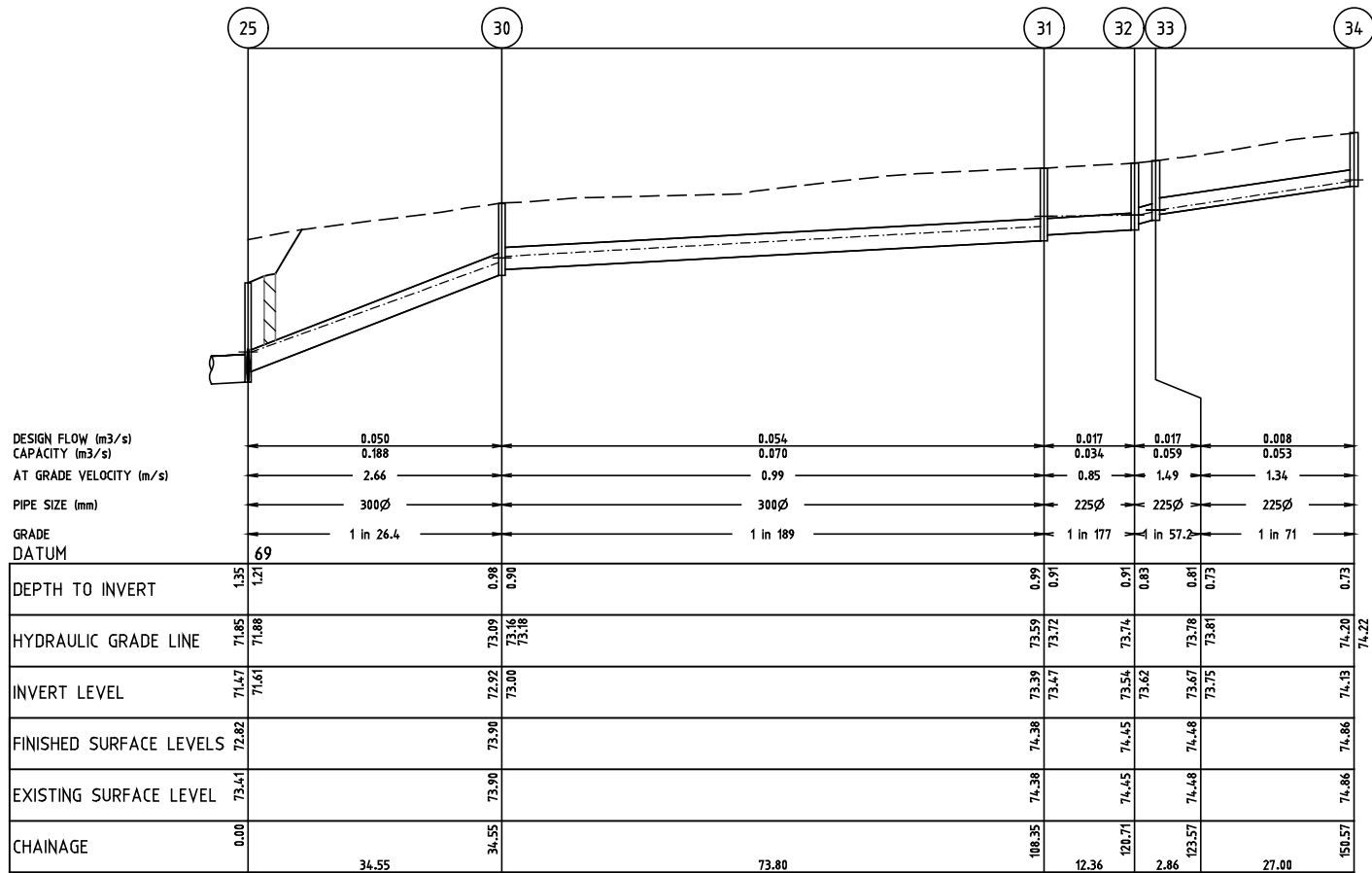
FOR CONSTRUCTION

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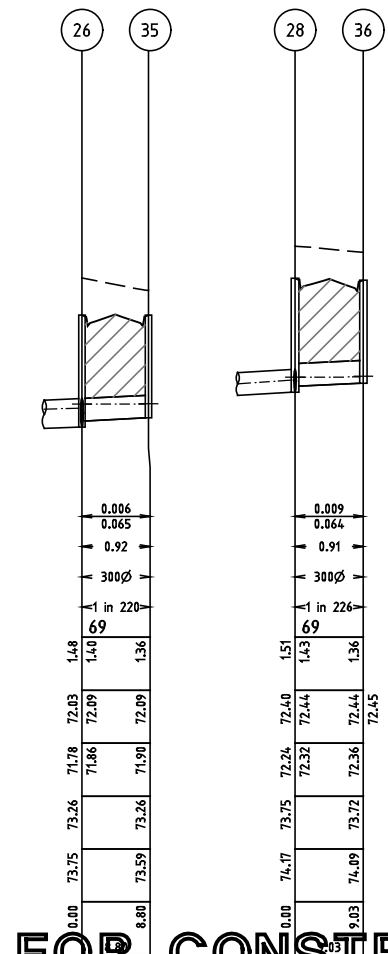
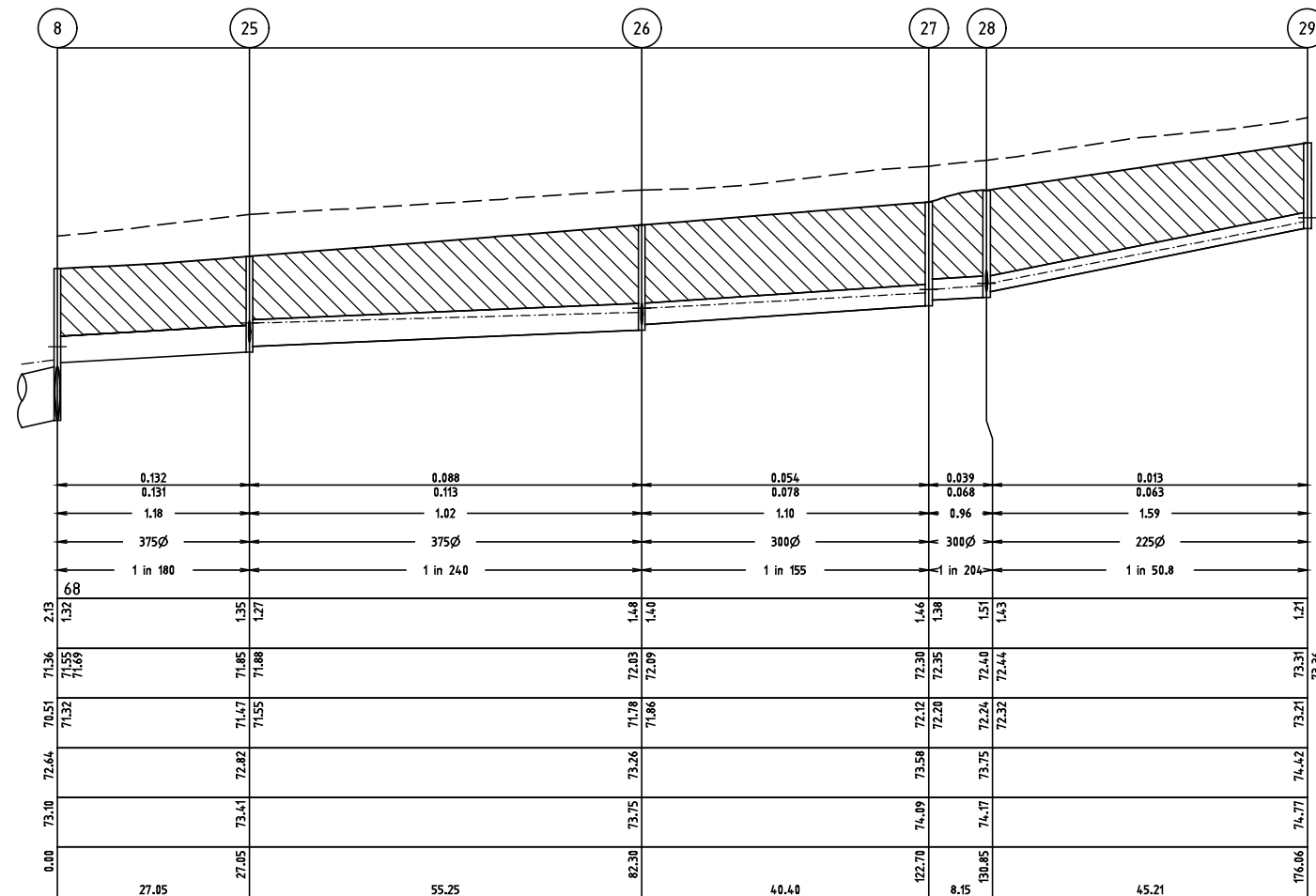
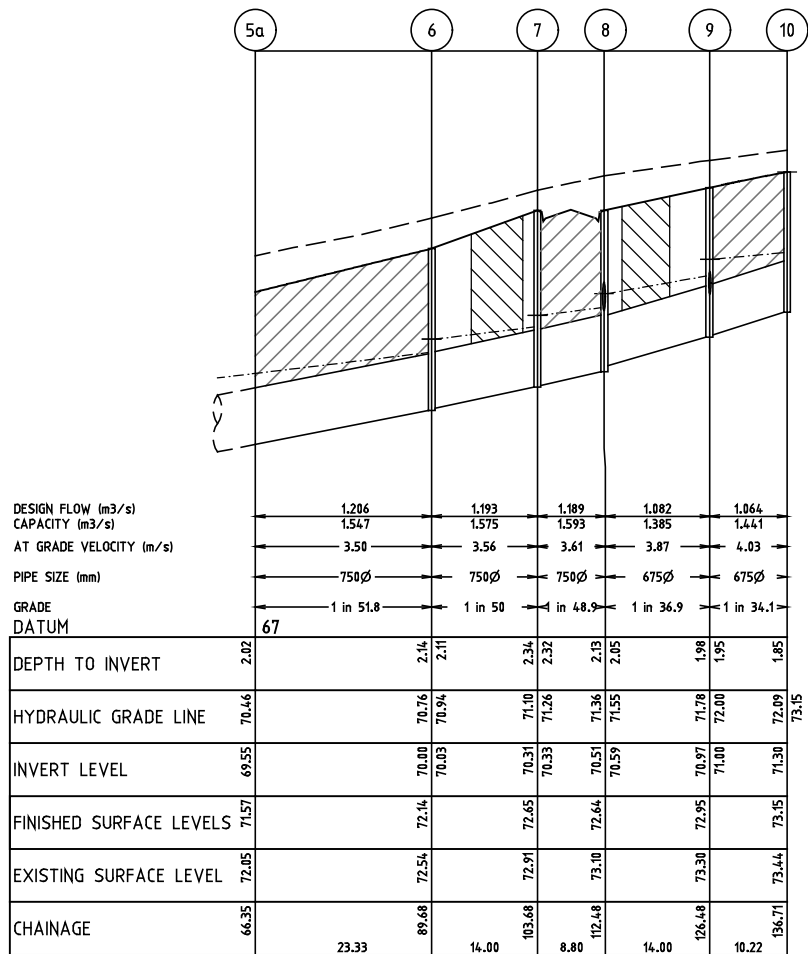
DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE 1:500
DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 19	LEVEL DATUM AHD
CHECKED: L.PAPAZOIS	DETAILS: ARDEN CRESCENT - CROSS SECTIONS	SHEET 11 OF 13
AUTHORISED: T.DAVOLI		DRAWING No. 1275/NE/19/11
DATE: 25/01/18		REV. C1



PIT SCHEDULE											
PIT No.	TYPE	INTERNAL DIA.	INLET DIA.	OUTLET DIA.	INLET INV. R.L.	OUTLET INV. R.L.	F.S.L.	PIT DEPTH	REMARKS		
5a	ExEP	-	-	750	69.55	750	69.55	2.02	CONNECT TO EXISTING END OF PIPE		
6	JP	1050	900	750	70.03	750	70.00	2.14	REFER EDM 605 & 607. SHAFT TO BE 600mm X 900mm		
7	SEP	1050	600	750	70.33	750	70.31	2.34	REFER EDM 603 & 607. SHAFT TO BE 600mm X 900mm		
8	SEP	1050	600	750	70.59	750	70.51	2.13	REFER EDM 603 & 607. SHAFT TO BE 600mm X 900mm		
9	SEP	1050	900	675	71.00	675	71.97	1.98	REFER EDM 603 & 607. SHAFT TO BE 600mm X 900mm		
10	EP	-	-	-	-	675	71.30	1.85	PROVIDE BLANK END		
12	SEP	600	900	-	-	300	71.64	1.40	REFER EDM 603.		
17a	ExEP	-	-	73.39	Ex225	225	73.39	0.91			
18	JP	600	900	-	-	225	73.61	0.73	REFER EDM 605.		
25	JP	600	900	-	-	300	71.47	1.35	REFER EDM 605.		
26	SEP	600	900	300	71.86	375	71.78	1.48	REFER EDM 603.		
27	JP	600	900	300	72.20	300	72.12	1.46	REFER EDM 605.		
28	SEP	600	900	225	72.32	300	73.75	1.51	REFER EDM 603.		
29	JP	600	900	-	-	225	73.21	1.21	REFER EDM 605.		
30	JP	600	900	300	73.00	300	72.92	0.98	REFER EDM 605.		
31	JP	600	900	225	73.47	300	73.39	0.99	REFER EDM 605.		
32	JP	600	900	225	73.62	225	73.54	0.91	REFER EDM 605.		
33	JP	600	900	225	73.75	225	73.67	0.81	REFER EDM 605.		
34	JP	600	900	-	-	225	74.13	0.73	REFER EDM 605.		
35	SEP	600	900	-	-	300	71.90	1.36	REFER EDM 603.		
36	SEP	600	900	-	-	300	72.36	1.36	REFER EDM 603.		

NOTATION:
JP = JUNCTION PIT
SEP = SIDE ENTRY PIT
EP = END OF PIPE
WIDTH OF PIT IS MEASURED AT THE OUTLET

INDICATES CLASS 2 CRUSHED ROCK BACKFILL
INDICATES CLASS 3 CRUSHED ROCK BACKFILL



FOR CONSTRUCTION

REV.	REVISION	DATE	APPD.	LEGEND
-	-	-	-	
C1	COUNCIL REQUIREMENTS	23/03/18	J.B.	
P2	MINOR AMENDMENTS	27/02/18	J.B.	
P1	PRELIMINARY ISSUE	25/01/18	J.B.	

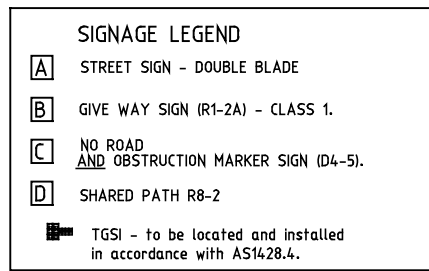
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DRAWN: J.BEVERIDGE
DESIGNED: J.BEVERIDGE
CHECKED: L.PAPAZOIS
AUTHORISED: T.DAVOLI
DATE: 25/01/18

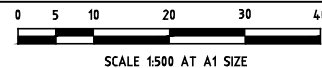
AUTHORITY: CITY OF MELTON
PROJECT: MODEINA STAGE 19
DETAILS: DRAINAGE LONGITUDINAL SECTIONS & PIT SCHEDULE

SCALE 1:500
LEVEL DATUM AHD
SHEET 12 OF 13
DRAWING No. 1275/NE/19/12
REV. C1



NOTE:

THE LOCATIONS OF TGSIs SHOWN ON THESE PLANS ARE INDICATIVE ONLY. TGSIs ARE TO BE INSTALLED IN ACCORDANCE WITH CITY OF MELTON STANDARD DRAWING MCC 403 AND AS 1428.4. REFER TO VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2, TABLE 18.3 FOR LINEMARKING DETAILS.



FOR CONSTRUCTION

[illegible]