

MODEINA STAGE 16

CITY OF MELTON



DENNIS, PRICE & MILLER PTY. LTD.

A.C.N. 006 550 803

CONSULTING CIVIL ENGINEERS & PROJECT MANAGERS

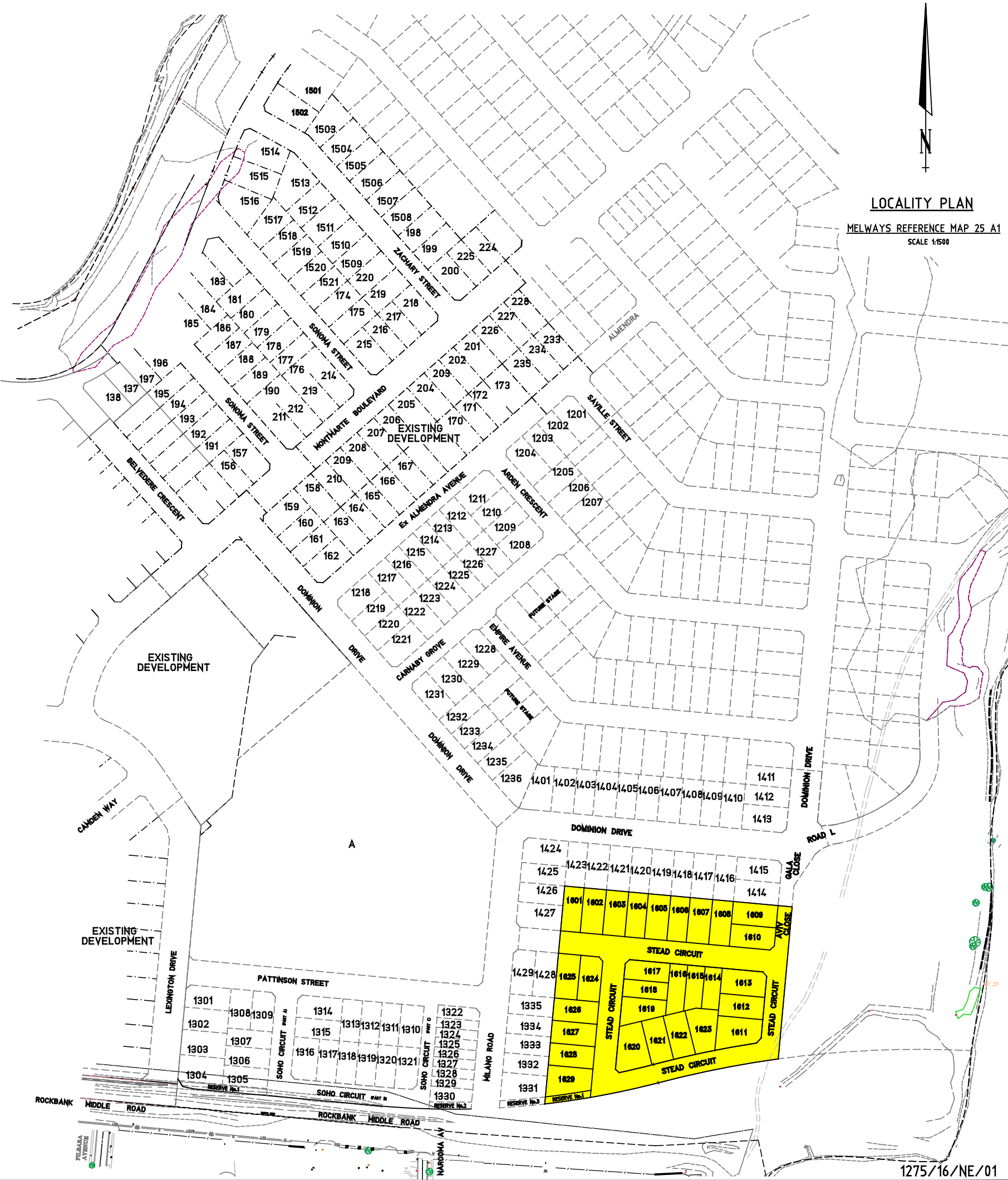
22 Business Park Drive, Notting Hill, 3168

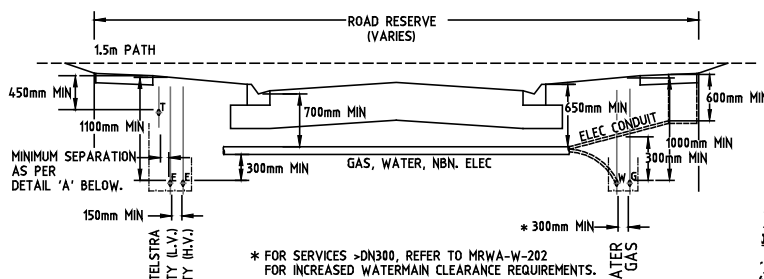
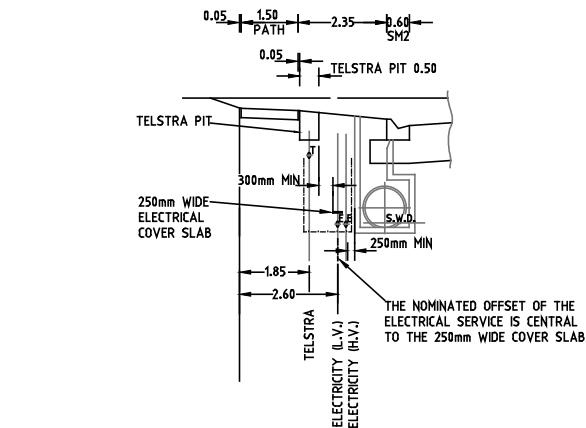
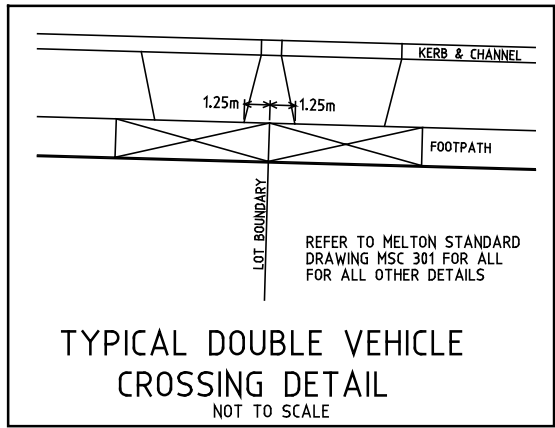
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1275/16//NE/14	SIGNAGE & LINEMARKING PLAN

AS CONSTRUCTED





NOTES:

1. OFFSETS SHOWN ARE MEASURED "OUTSIDE TO OUTSIDE".
2. THIS IS A TYPICAL CROSS SECTION WHICH PROVIDES MINIMUM CLEARANCES AND SUGGESTED MINIMUM DEPTHS FOR MAIN SERVICES.

PREPARED 26th MARCH 2014

SERVICES CROSS SECTION

N.T.S.

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 L' OR '1 IN 50 TO L' 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 TOE 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.

REF.	REVISION	DATE	APPD.
C9	MINOR AMENDMENTS	16/1/19	J.B.
C8	AS CONSTRUCTED ISSUE	18/12/18	J.B.
C7	LOTS 1609-1613 FILL AMENDED/WETLAND CROSSING AMENDED	28/06/18	M.C.
C6	ROAD NAMES UPDATED	22/03/18	J.B.
C5	OUTFALL DRAINAGE AMENDED	5/03/18	J.B.
C4	DRAINAGE AMENDED AT PIT 18	12/12/17	J.B.

LEGEND	
W	WATER MAIN
G	GAS MAIN
E	ELECTRICITY CABLE
T	TELECOM CABLE
W	WATER CONDUIT
G	GAS CONDUIT
E	TELECOM CONDUIT
H	HOUSE DRAIN
P	T.B.M. PEG IN GROUND
P	PROPERTY INLET PIT
P	EXISTING PROPERTY INLET PIT
P	DRAIN AND PIT
P	EXISTING DRAIN AND PIT
P	SEWER LINE AND MANHOLE
P	KERB AND CHANNEL
P	EXISTING KERB AND CHANNEL
P	KERB TO BE REMOVED OFFSITE
P	P.S.M.
P	STREET SIGN
P	28.06
P	EXISTING SURFACE LEVEL
P	FS 21.35
P	FINISHED LEVEL (TITLE BOUNDARY)
P	72.135
P	DESIGN TOP OF BATTER LEVEL
P	P21.350
P	DESIGN PAVEMENT LEVEL
P	R21.35
P	DESIGN RIDGE LEVEL
P	EXISTING CONTOUR LINE & LEVEL
P	FILLING IN EXCESS OF 200mm
P	CATCH DRAIN
P	EX. BATTER
P	PROP. BATTER

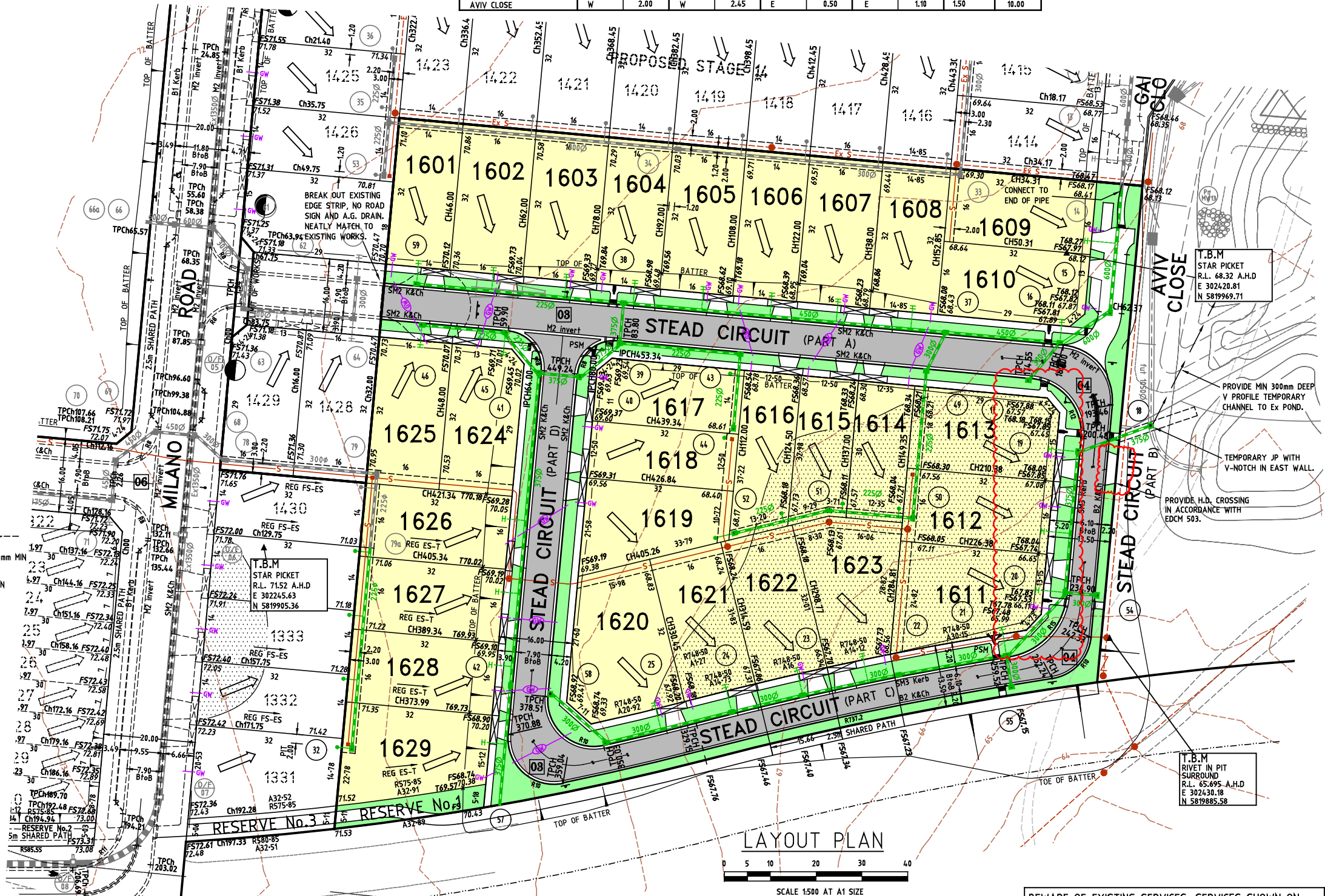
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DRAWN: J.BEVERIDGE
DESIGNED: J.BEVERIDGE
CHECKED: L.PAPAZOIS
AUTHORISED: T.DAVOLI
DATE: MAR '17

MUNICIPALITY: CITY OF MELTON
PROJECT: MODEINA STAGE 16
DETAILS: LAYOUT PLAN & SERVICE OFFSET TABLE

SCALE 1:500
LEVEL DATUM A.H.D.
SHEET 02 OF 14
DRAWING No. 1275/16/NE/2

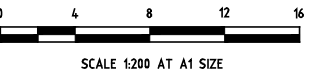
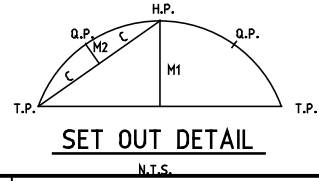
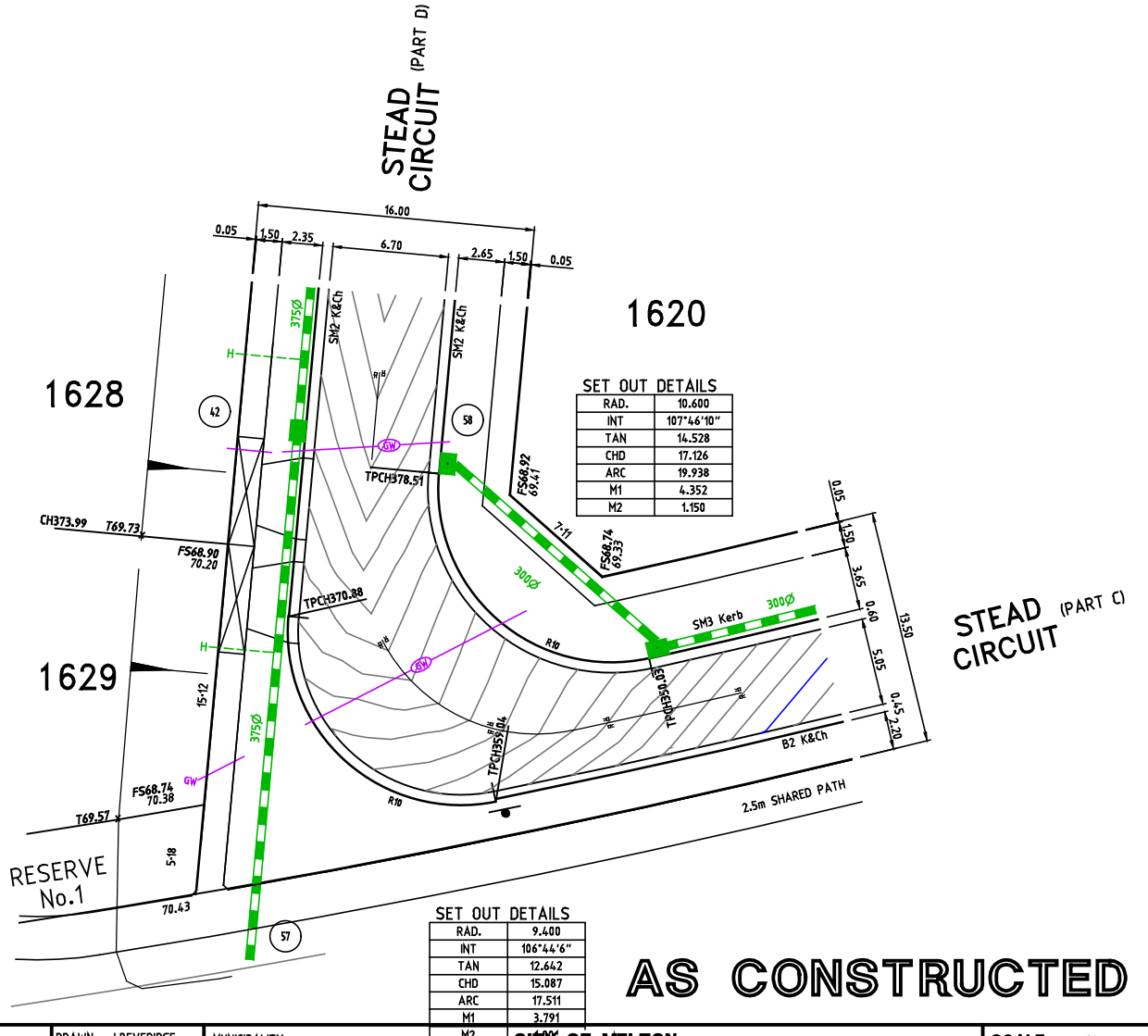
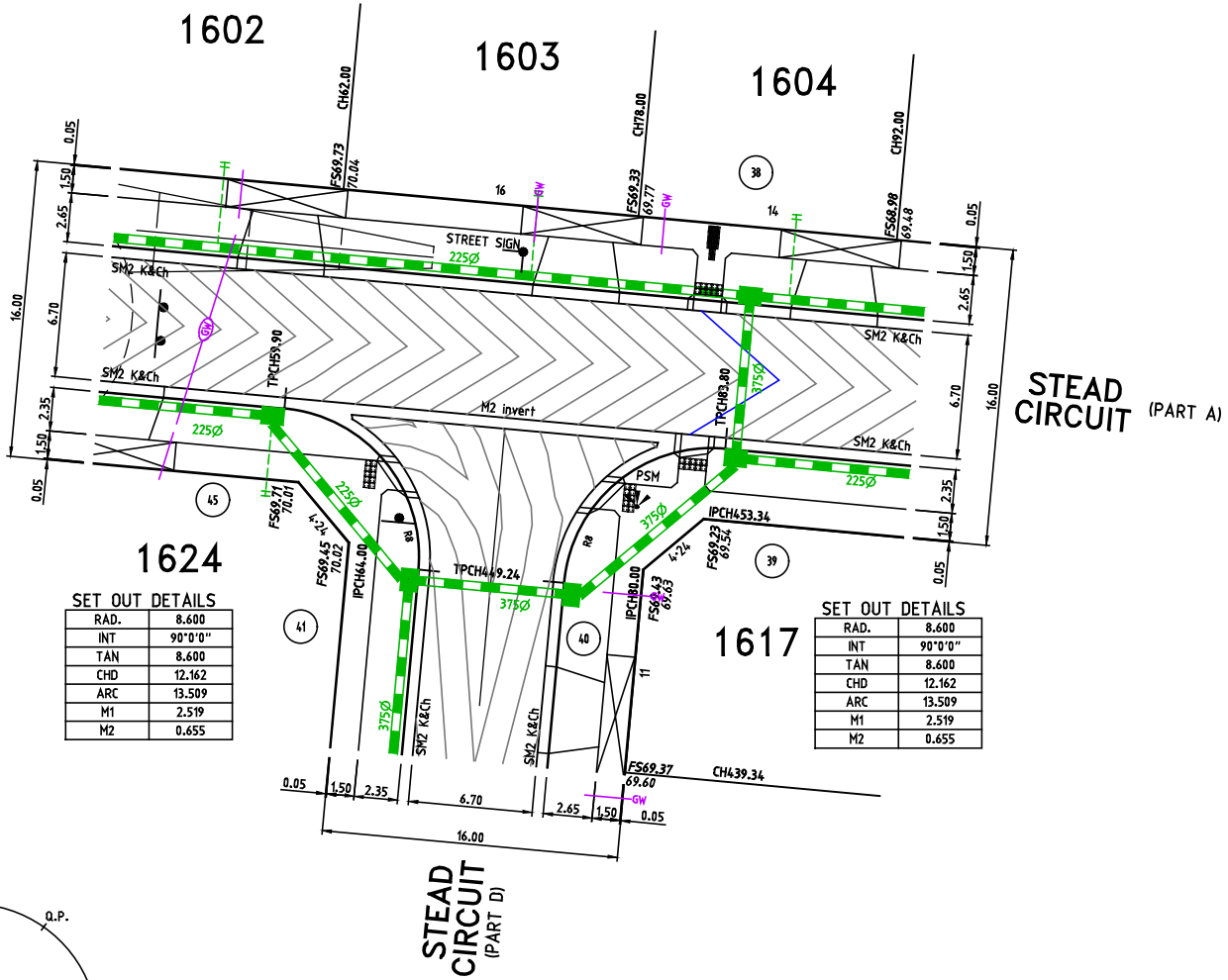
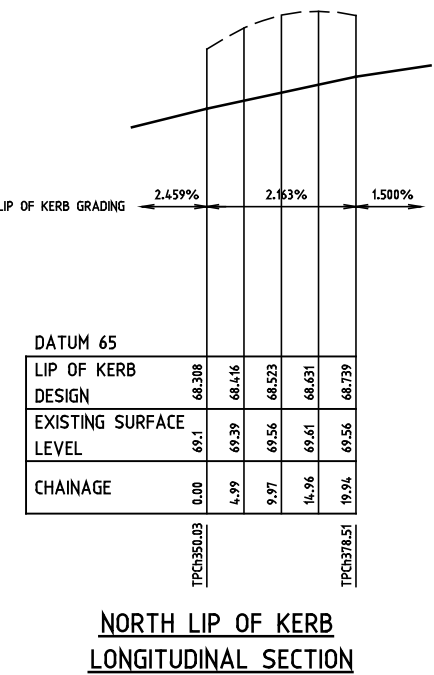
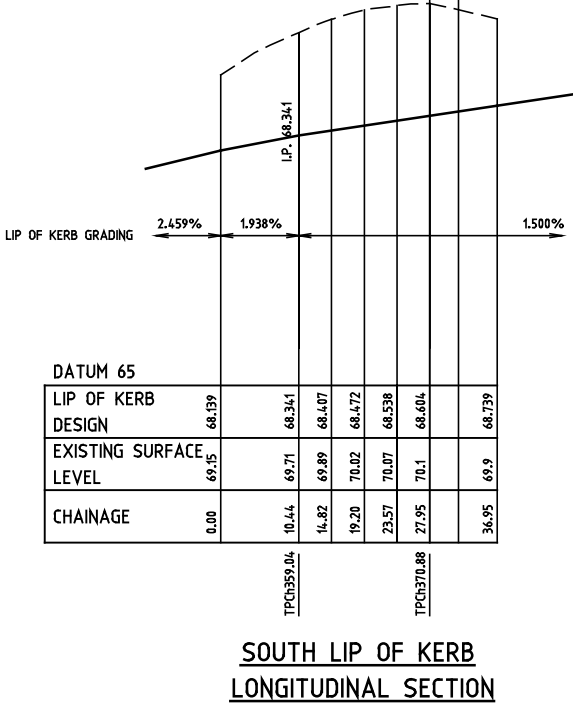
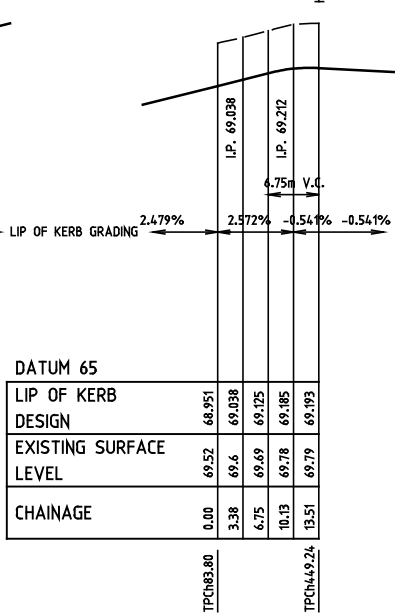
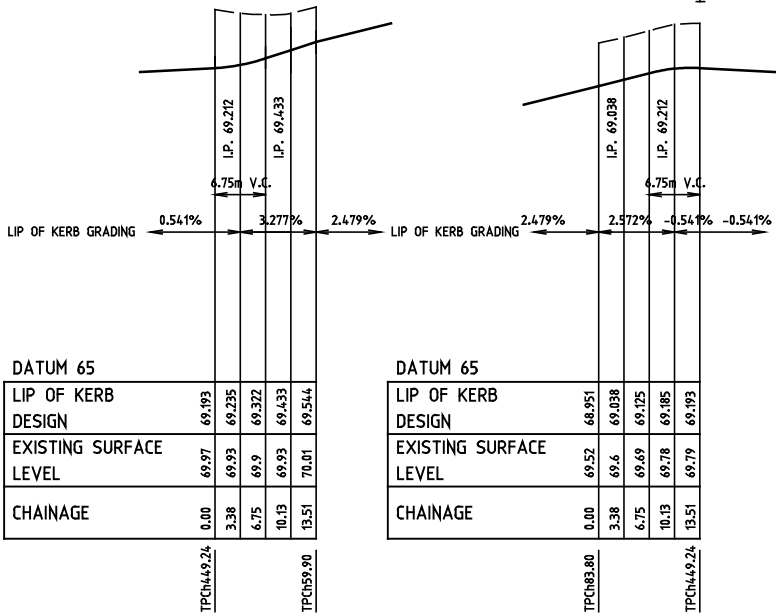
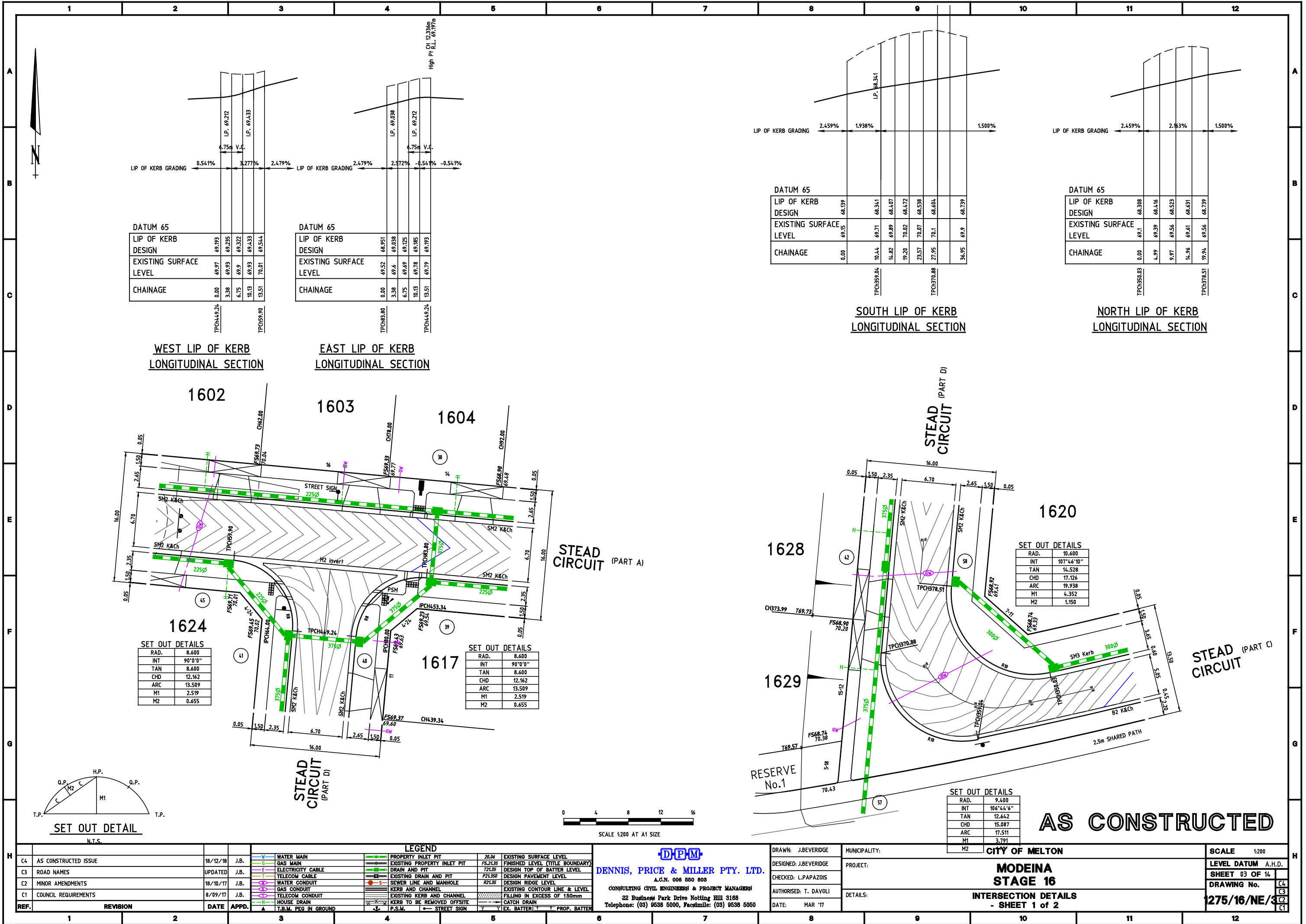
SERVICES OFFSET TABLE										
STREET	GAS		WATER		TELECOMMUNICATIONS		ELECTRICITY		LIGHTING	ROAD RES.
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	COLUMN	WIDTH
STEAD CIRCUIT (PART A)	N	2.25	N	2.68	S	1.80	S	2.35	1.00 BOK	16.00
STEAD CIRCUIT (PART B)	W	2.25	W	2.68	E	0.50	E	1.25	1.00 BOK	13.50
STEAD CIRCUIT (PART C)	N	2.25	N	2.68	S	0.50	S	1.25	1.00 BOK	13.50
STEAD CIRCUIT (PART D)	E	2.25	E	2.68	W	1.80	W	2.35	1.00 BOK	16.00
AVIV CLOSE	W	2.00	W	2.45	E	0.50	E	1.10	1.50	10.00



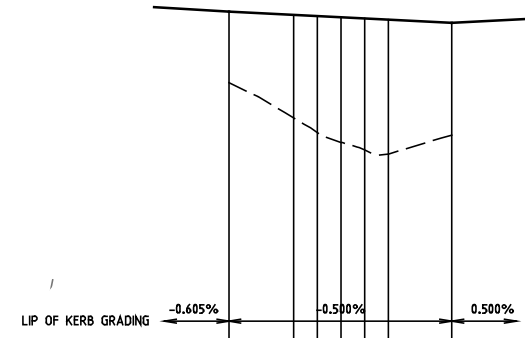
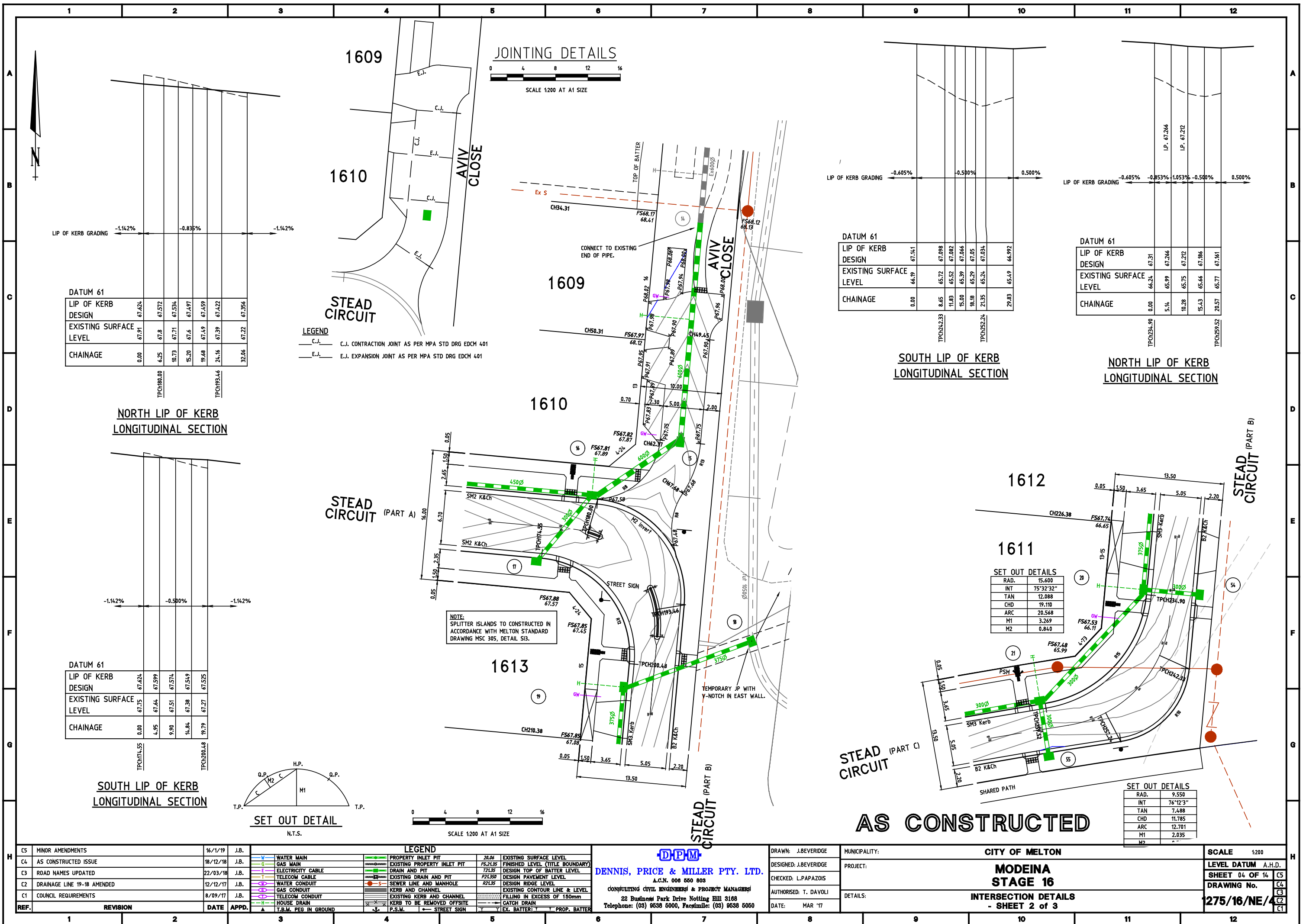
AS CONSTRUCTED

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.

BEWARE OF EXISTING SERVICES. SERVICES SHOWN ON THIS DRAWING ARE INDICATIVE ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF ALL SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, AND SHALL PROTECT THESE AT ALL TIMES.

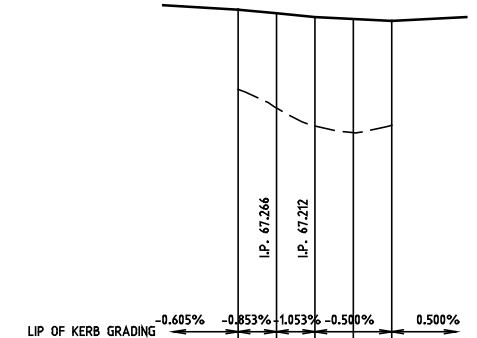


H		LEGEND		DPM		DRAWN: J.BEVERIDGE		MUNICIPALITY:		SCALE 1:200		H	
C4	AS CONSTRUCTED ISSUE	18/12/18	J.B.	WATER MAIN	PROPERTY INLET PIT	20.06	EXISTING SURFACE LEVEL	DESIGNED: J.BEVERIDGE	PROJECT:	MODEINA		LEVEL DATUM A.H.D.	
C3	ROAD NAMES	UPDATED	J.B.	GAS MAIN	EXISTING PROPERTY INLET PIT	FS.21.35	FINISHED LEVEL (TITLE BOUNDARY)	CHECKED: L.PAPAZOIS	DETAILS:	STAGE 16		SHEET 03 OF 14	
C2	MINOR AMENDMENTS	18/10/17	J.B.	ELECTRICITY CABLE	DRAIN AND PIT	721.35	DESIGN TOP OF BATTER LEVEL	AUTHORISED: T. DAVOLI		INTERSECTION DETAILS		DRAWING No. C4	
C1	COUNCIL REQUIREMENTS	8/09/17	J.B.	TELECOM CABLE	EXISTING DRAIN AND PIT	P21.350	DESIGN PAVEMENT LEVEL	DATE: MAR '17		- SHEET 1 of 2		1275/16/NE/3	
REF.	REVISION	DATE	APPD.	WATER CONDUIT	SEWER LINE AND MANHOLE	R21.35	DESIGN RIDGE LEVEL					C3	
				GAS CONDUIT	KERB AND CHANNEL		EXISTING CONTOUR LINE & LEVEL					C2	
				TELECOM CONDUIT	EXISTING KERB AND CHANNEL		FILLING IN EXCESS OF 150mm					C1	
				HOUSE DRAIN	KERB TO BE REMOVED OFFSITE		CATCH DRAIN						
				T.B.M. PEG IN GROUND	P.S.M.		EX. BATTER						
					STREET SIGN		PROP. BATTER						



DATUM 61					
LIP OF KERB DESIGN	67.41	67.98	67.08	67.05	66.92
EXISTING SURFACE LEVEL	66.19	65.72	65.52	65.39	65.49
CHAINAGE	0.00	8.65	11.83	15.00	29.83

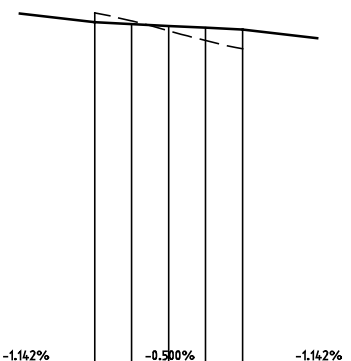
SOUTH LIP OF KERB LONGITUDINAL SECTION



DATUM 61					
LIP OF KERB DESIGN	67.31	67.26	67.21	67.18	67.16
EXISTING SURFACE LEVEL	66.24	65.99	65.75	65.66	65.77
CHAINAGE	0.00	5.14	10.28	15.43	20.57

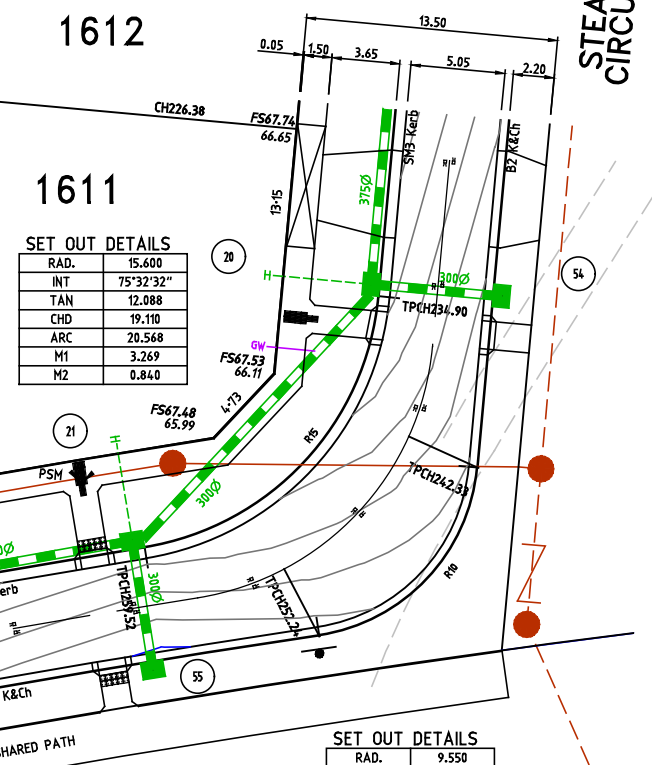
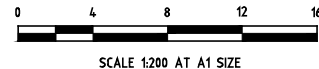
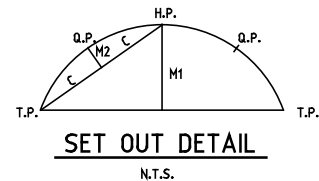
NORTH LIP OF KERB LONGITUDINAL SECTION

NORTH LIP OF KERB LONGITUDINAL SECTION



DATUM 61					
LIP OF KERB DESIGN	67.62	67.59	67.51	67.54	67.52
EXISTING SURFACE LEVEL	67.75	67.64	67.51	67.38	67.27
CHAINAGE	0.00	4.95	9.90	14.84	19.79

SOUTH LIP OF KERB LONGITUDINAL SECTION



SET OUT DETAILS	
RAD.	15.600
INT	75°32'32"
TAN	12.088
CHD	19.110
ARC	20.568
M1	3.269
M2	0.840

SET OUT DETAILS	
RAD.	9.550
INT	76°12'3"
TAN	7.488
CHD	11.785
ARC	12.701
M1	2.035
M2	-

AS CONSTRUCTED

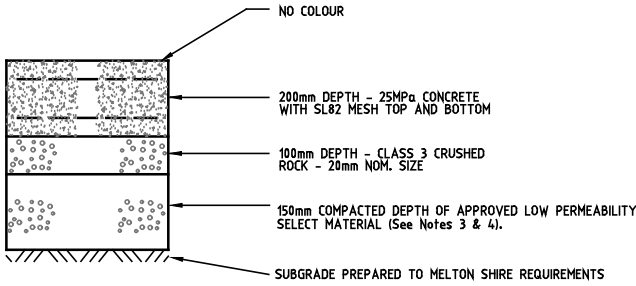
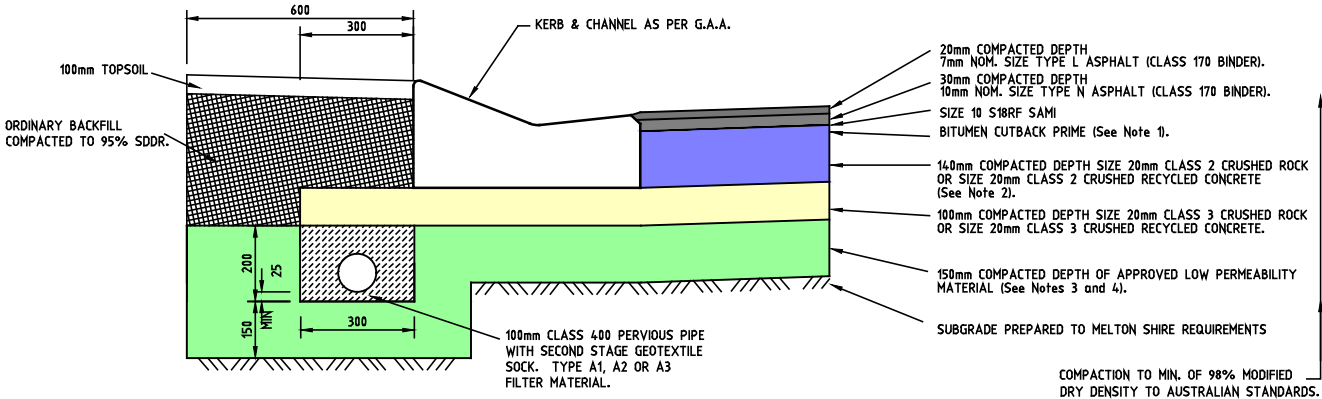
C5 MINOR AMENDMENTS		16/11/19	J.B.	LEGEND		20.06	EXISTING SURFACE LEVEL	DRAWN: J.BEVERIDGE		MUNICIPALITY: CITY OF MELTON		SCALE 1:200	
C4 AS CONSTRUCTED ISSUE		18/12/18	J.B.	WATER MAIN		FS.21.35	FINISHED LEVEL (TITLE BOUNDARY)	DESIGNED: J.BEVERIDGE		PROJECT: MODEINA STAGE 16		LEVEL DATUM A.H.D.	
C3 ROAD NAMES UPDATED		22/03/18	J.B.	GAS MAIN		721.35	DESIGN TOP OF BATTER LEVEL	CHECKED: L.PAPOZIS		DETAILS: INTERSECTION DETAILS - SHEET 2 of 3		SHEET 04 OF 14	
C2 DRAINAGE LINE 19-18 AMENDED		12/12/17	J.B.	ELECTRICITY CABLE		P21.350	DESIGN PAVEMENT LEVEL	AUTHORISED: T. DAVOLI		DRAWING No. 1275/16/NE/4		C5	
C1 COUNCIL REQUIREMENTS		8/09/17	J.B.	TELECOM CABLE		R21.35	DESIGN RIDGE LEVEL	DATE: MAR '17				C4	
REF.		REVISION	DATE	APPD.	WATER CONDUIT		EXISTING CONTOUR LINE & LEVEL					C3	
					GAS CONDUIT		FILLING IN EXCESS OF 150mm					C2	
					TELECOM CONDUIT		CATCH DRAIN					C1	
					HOUSE DRAIN		EX. BATTER						
					T.B.M. PEG IN GROUND		PROP. BATTER						

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	1	2	3	4	5	6	7	8	9	10	11	12
A	GENERAL NOTES 1. ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE GROWTH AREAS AUTHORITY (G.A.A.) ENGINEERING DESIGN AND CONSTRUCTION MANUAL FOR SUBDIVISION IN GROWTH AREAS (APRIL 2010) AND TO THE SATISFACTION OF THE CITY OF MELTON'S CHIEF EXECUTIVE OFFICE OR HIS/HER NOMINATED REPRESENTATIVE. COUNCIL'S SENIOR SUBDIVISION APPROVALS ENGINEER IS TO BE NOTIFIED IN WRITING, SEVEN (7) DAYS PRIOR TO THE COMMENCEMENT OF WORKS. 2. 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. 3. CHAINAGES REFER TO CENTRELINE OF ROAD RESERVE UNLESS INDICATED OTHERWISE. 4. 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 CONTACTOR'S EXPENSE. 5. 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. 6. ALL EASEMENT DRAINS ARE TO BE OFFSET 1.00m FROM PROPERTY BOUNDARY UNLESS OTHERWISE SHOWN. 7. 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. 8. 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. 9. 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. 10. 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 THE SUPERVISION OF THE RELEVANT ELECTRICAL AUTHORITY. 11. 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. 12. 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. 13. 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. 14. 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 CONTROL 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. 15. 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 RING JOINTED. ALL DRAINS BEHIND KERB & CHANNEL SHALL BE BACKFILLED WITH CLASS 3 C.R. (20mm NOM. SIZE). ALL DRAINS AND SEWERS BENEATH 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. 16. 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 AND 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. 17. BOTH KERBS ARE TO BE MARKED WITH THE LETTERS G, W, T, E AND H ABOVE THE SERVICE LOCATIONS AS SPECIFIED. 18. CUT BATTERS ARE NOT TO EXCEED 1 IN 6 AND FILL BATTERS ARE NOT TO EXCEED 1 IN 6 UNLESS INDICATED OTHERWISE. CUT BATTERS TO BE GRASSED, MULCHED WITH A MIXTURE OF CHOPPED GRASS, HAY, STRAW AND BITUMINOUS EMULSION. THE SATISFACTION OF THE CITY OF MELTON SUPERVISING ENGINEER. CUT BATTERS WITHIN PROPERTIES ADJACENT TO VEHICLE CROSSINGS ARE NOT TO EXCEED 1in6. 19. DRIVEWAY & PRAM CROSSINGS SHOWN ON THESE PLANS ARE DIAGRAMMATIC ONLY. FOR PRAM CROSSING DETAILS REFER TO STD DRG EDCH 403. FOR VEHICLE CROSSING DETAILS REFER TO CITY OF MELTON STD DRG MCC 501. 20. STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.5 & THE CURRENT CITY OF MELTON REQUIREMENTS INCLUDING THE PROVISION OF LOGOS. 21. 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. 22. OPTUS AND TELSTRA SERVICE CONDUITS ARE TO BE EXTENDED TO 1000mm 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 23. ALL LINEMARKING IS TO BE WITH REFLECTORISED GLASS BEAD PAINT 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. 24. 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. 25. THE CONTRACTOR IS TO INSTALL BLUE RAISED REFLECTIVE PAVEMENT MARKERS ON THE ROAD CENTRELINE AND MARKER POSTS TO INDICATE THE LOCATION OF THE FIREPLUGS. 26. ANY FOOTPATHS OR KERB AND CHANNEL DAMAGED DURING CONSTRUCTION AND MAINTENANCE PERIODS TO BE REINSTATED TO THE SATISFACTION OF THE CITY OF MELTON. 27. REMOVAL OR RETENTION OF EXISTING TREES OR VEGETATION MUST BE IN ACCORDANCE WITH THE APPROVED TREE RETENTION PLAN. NO MATERIAL IS TO BE BURNT ON SITE UNLESS AUTHORISED BY THE SUPERINTENDENT. 28. 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. 29. A.G. DRAINS (100mm) ARE TO BE INSTALLED BEHIND ALL KERB & CHANNEL AND CONCRETE INVERTS IN ACCORDANCE WITH STANDARD DRAWINGS EDCH 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. 30. ALL CONCRETE FOR KERB AND CHANNEL, FOOTPATH AND DRIVE CROSSINGS TO BE 25MPa UNLESS NOTED OTHERWISE 31. THE CONTRACTOR CANNOT CONSTRUCT ANY ELECTRICAL WORKS WITHOUT THE PRIOR CONSENT OF THE RELEVANT ELECTRICITY AUTHORITY 32. PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:- i) SOURCE OF QUARRY MATERIAL ii) OPTIMUM MOISTURE CONTENT AND MAXIMUM DRY DENSITY OF THE F.C.R. TO BE USED (FROM N.A.T.A. APPROVED LABORATORY) iii) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, NEW TEST RESULTS SHALL BE PROVIDED. 33. THE DISPOSAL SITE FOR SPOIL FROM SITE & THE TRUCK ROUTE IS TO BE SUBMITTED TO & APPROVED BY CITY OF MELTON IN WRITING PRIOR TO ANY WORK. ALL EXCAVATED CLEAN MATERIAL IS TO BE STOCKPILED ON SITE AS DIRECTED BY THE SUPERINTENDENT. 34. COMPACTION RESULTS FOR SEWER MAINS CROSSING ROAD RESERVES ARE TO BE SUBMITTED TO THE SUPERINTENDENT.											
B												
C												
D												
E												
F												
G												
H												

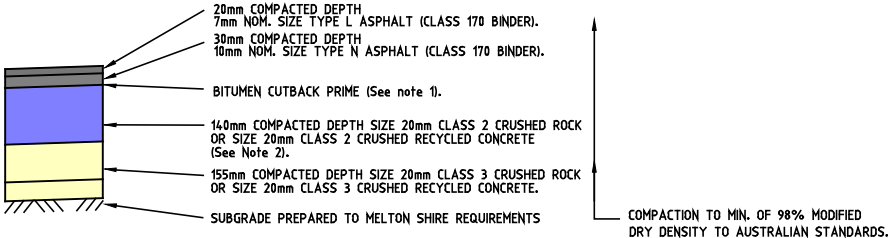
PAVEMENT NOTES:

- Note 1.** SELECTION DEPENDENT ON WEATHER CONDITIONS AND NEED OR OTHERWISE TO TRAFFIC PRIOR TO ASPHALT PLACEMENT. CONTRACTOR SHOULD NOMINATE AND SEEK APPROVAL OF TYPE, APPLICATION RATE AND CURING REQUIREMENTS PRIOR TO APPLICATION.
- Note 2.** BASE COURSE THICKNESS WILL HAVE TO BE ADJUSTED AS NECESSARY TO ACCOMMODATE SAMI THICKNESS.
- Note 3.** MAXIMUM PERMEABILITY 5x10⁹m/s. MINIMUM SOAKED CBR 8%, MAX CBR SWELL 1%. LAYER THICKNESS SHOULD BE RAISED WHERE ROCK ENCOUNTERED ABOVE UNDERSIDE OF LAYER.
- Note 4.** THIS LAYER CAN BE THICKENED IF LOCALISED SUBGRADE IMPROVEMENT IS REQUIRED, I.E. VIA REMOVAL AND REPLACEMENT; AND
- Note 5.** SUB BASE CAN BE USED AS A LEVELLING LAYER OVER BASALT ONLY SUBGRADES IF REQUIRED.



PAVEMENT COMPOSITIONS

NOT TO SCALE DESIGN CBR=3



STEAD CIRCUIT
TOTAL MIN. COMPACTED DEPTH 340mm

ALTERNATE PAVEMENT COMPOSITION

TO BE USED ONLY AT THE DIRECTION OF COUNCIL'S WORKS SUPERVISOR
DESIGN CBR=10

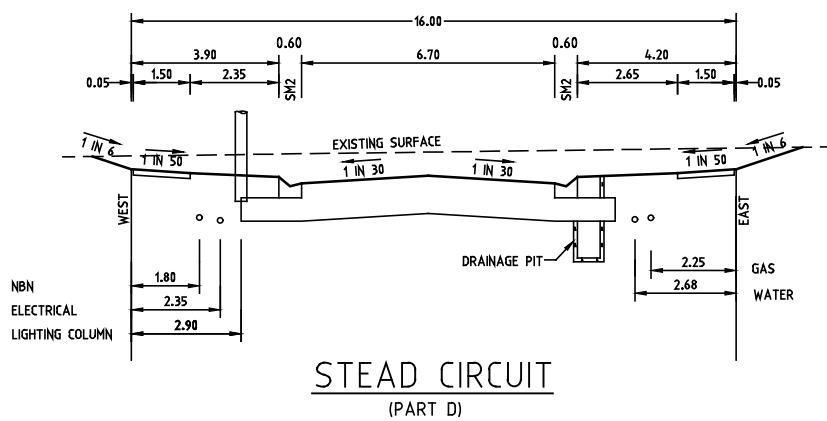
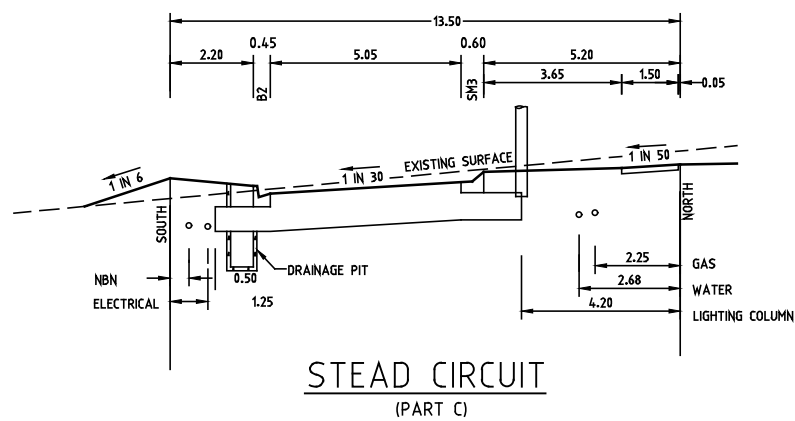
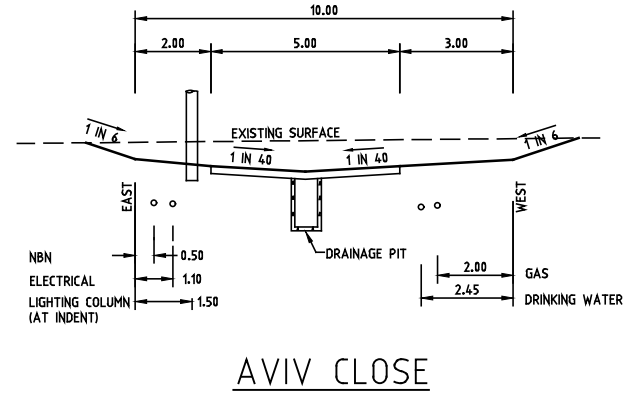
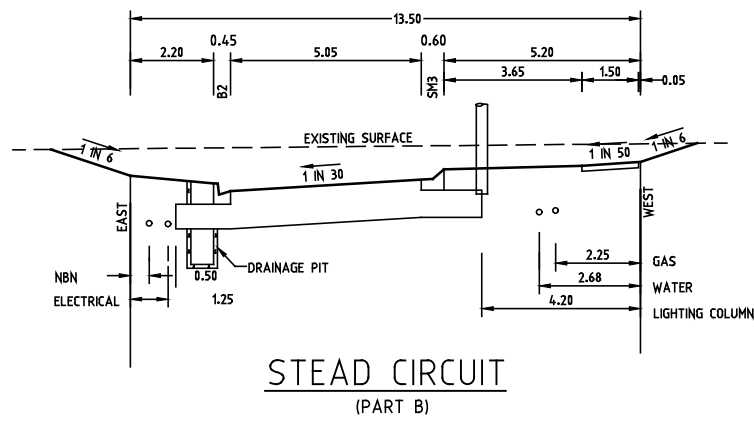
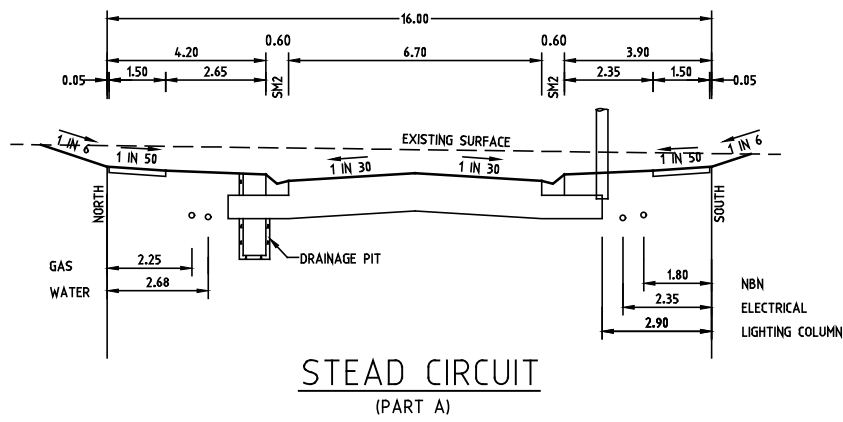
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DENNIS, PRICE & MILLER PTY. LTD.
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22 Business Park Drive Notting Hill 3168
Telephone: (03) 9538 5000, Facsimile: (03) 9538 5050

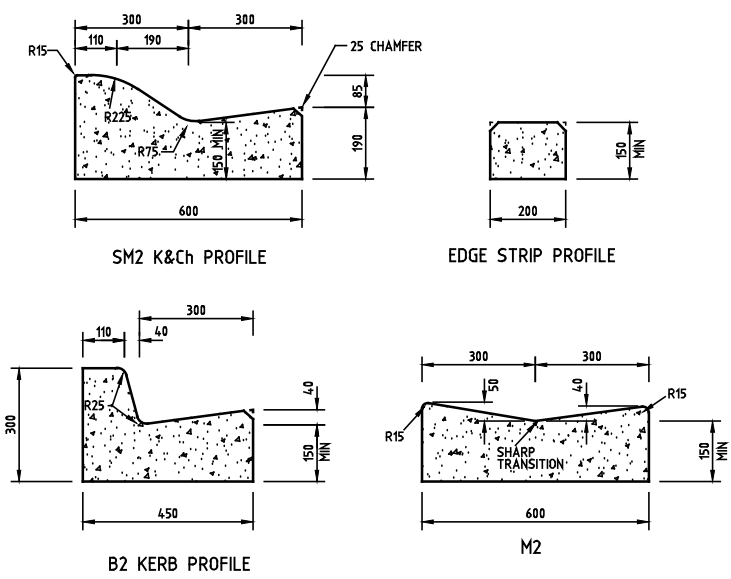
DRAWN: J. BEVERIDGE
DESIGNED: J. BEVERIDGE
CHECKED: L. PAPAZOIS
AUTHORISED: T. DAVOLI
DATE: MAR '17

MUNICIPALITY: CITY OF MELTON	SCALE AS SHOWN
PROJECT: MODEINA STAGE 16	LEVEL DATUM -
DETAILS: GENERAL NOTES & PAVEMENT COMPOSITIONS	SHEET 05 OF 14
	DRAWING No. 1275/16/NE/5

REF.	REVISION	DATE	APPD.
C5	AS CONSTRUCTED ISSUE	18/12/18	J.B.
C4	ROAD NAMES UPDATED	22/03/18	J.B.
C3	MINOR AMENDMENT TO ALTERNATE PAVEMENT	18/10/17	J.B.
C2	COUNCIL REQUIREMENTS	23/09/17	J.B.
C1	COUNCIL REQUIREMENTS	8/09/17	J.B.



TYPICAL SECTIONS N.T.S.



AS CONSTRUCTED

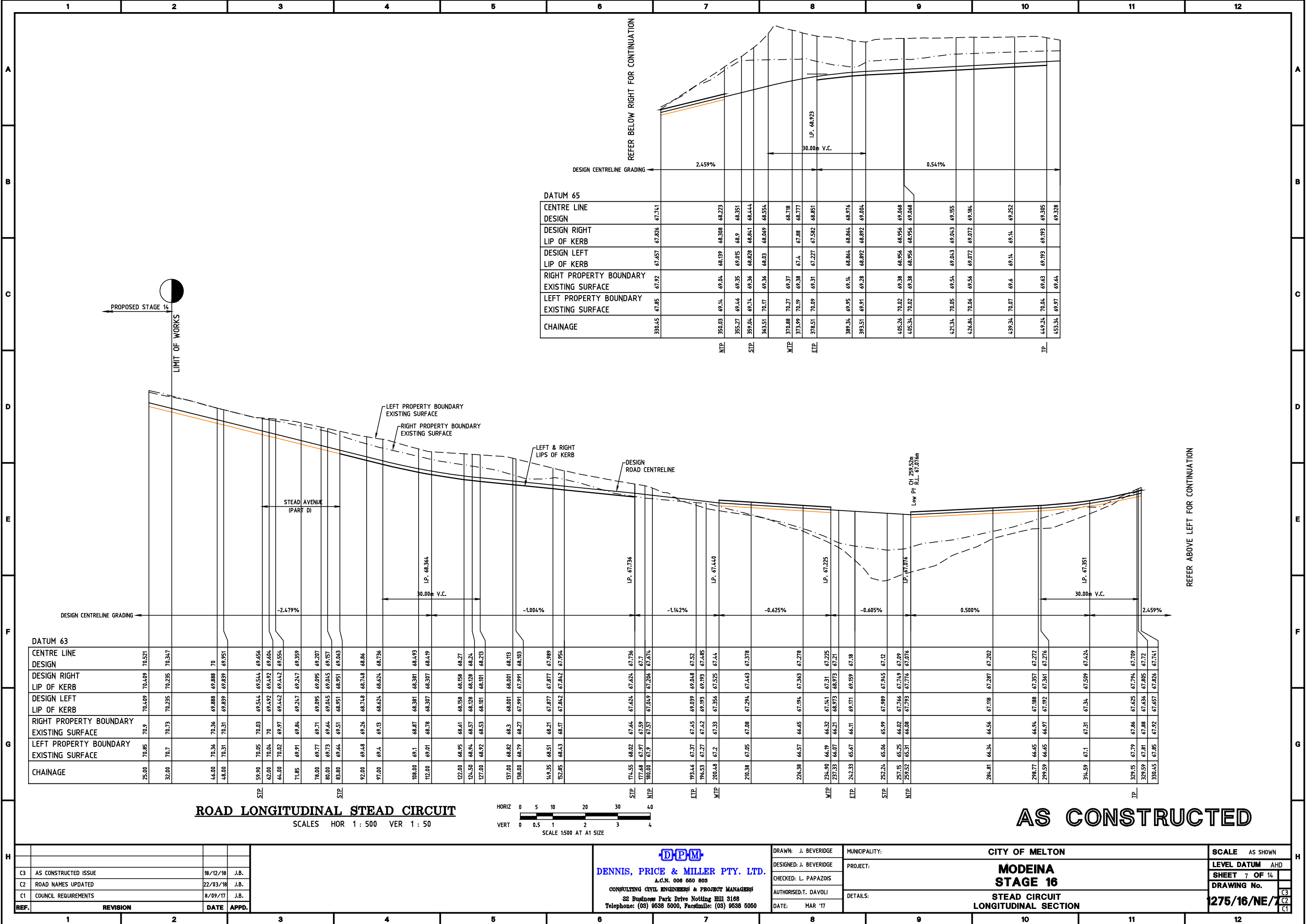
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 AUTHORISED: T. DAYOLI
 DATE: MAR '17

MUNICIPALITY: **CITY OF MELTON**
 PROJECT: **MODEINA STAGE 16**
 DETAILS: **TYPICAL SECTIONS & KERB DETAILS**

SCALE: AS SHOWN
 LEVEL DATUM: -
 SHEET: 06 OF 14
 DRAWING No.: **1275/16/NE/6**

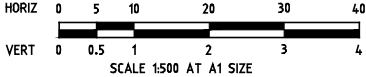
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C3	AS CONSTRUCTED ISSUE	18/12/18	J.B.
C2	ROAD NAMES UPDATED	22/03/2018	J.B.
C1	COUNCIL REQUIREMENTS	8/09/17	J.B.



DATUM 65	
CENTRE LINE DESIGN	67.141
DESIGN RIGHT LIP OF KERB	67.826
DESIGN LEFT LIP OF KERB	67.651
RIGHT PROPERTY BOUNDARY EXISTING SURFACE	67.92
LEFT PROPERTY BOUNDARY EXISTING SURFACE	67.85
CHAINAGE	330.45

DATUM 63	
CENTRE LINE DESIGN	70.521
DESIGN RIGHT LIP OF KERB	70.449
DESIGN LEFT LIP OF KERB	70.435
RIGHT PROPERTY BOUNDARY EXISTING SURFACE	70.9
LEFT PROPERTY BOUNDARY EXISTING SURFACE	70.05
CHAINAGE	25.00

ROAD LONGITUDINAL STEAD CIRCUIT
SCALES HOR 1 : 500 VER 1 : 50



AS CONSTRUCTED

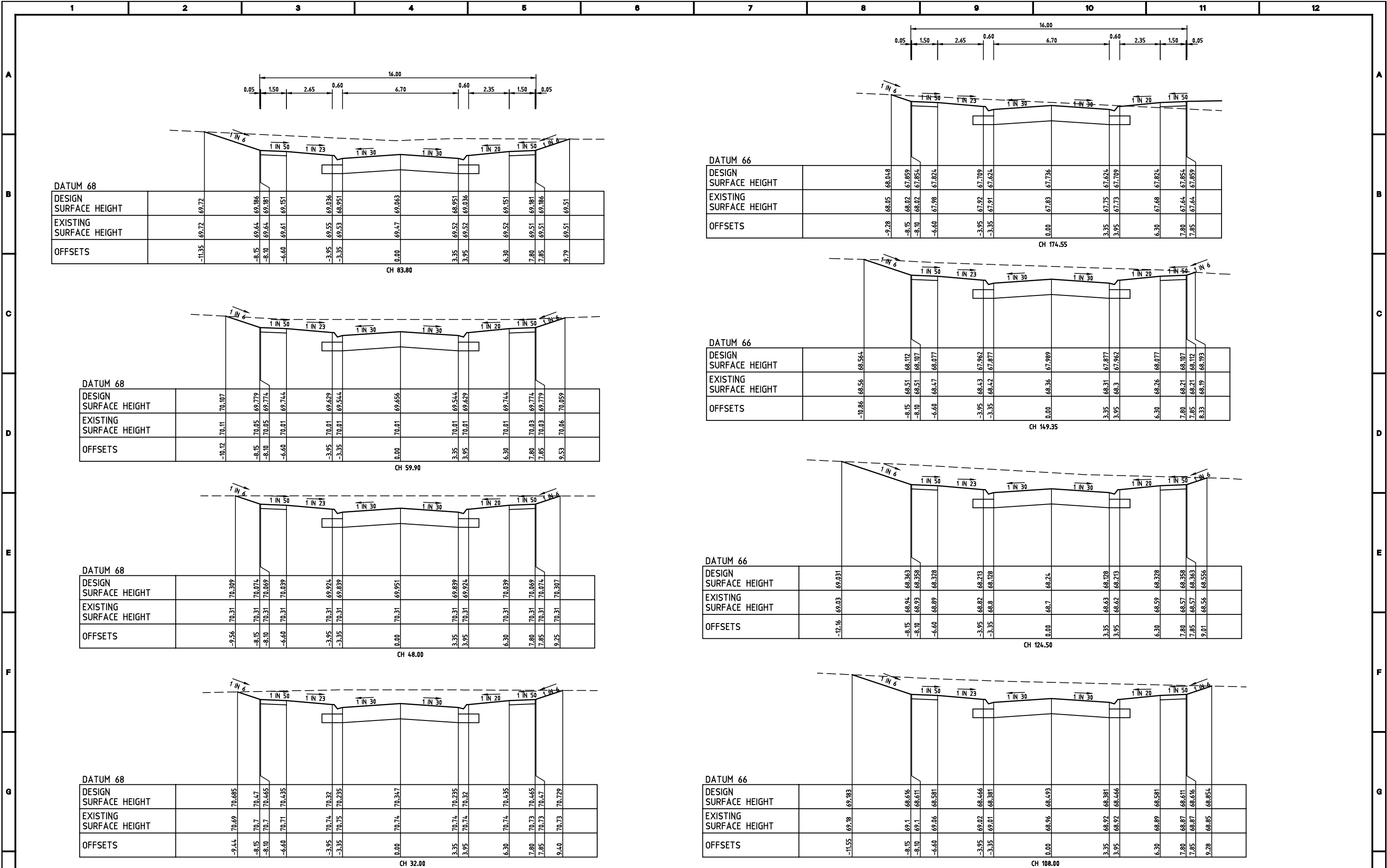
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C2	ROAD NAMES UPDATED	22/03/18	J.B.
C1	COUNCIL REQUIREMENTS	8/09/17	J.B.

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DATE: MAR '17

MUNICIPALITY: CITY OF MELTON
PROJECT: MODEINA STAGE 16
DETAILS: STEAD CIRCUIT LONGITUDINAL SECTION

SCALE AS SHOWN
LEVEL DATUM AHD
SHEET 7 OF 14
DRAWING No. 1275/16/NE/7



ROAD CROSS SECTIONS STEAD CIRCUIT - SHEET 1 of 3

SCALES HOR 1 : 100 VER 1 : 50

AS CONSTRUCTED

HORIZ 0 1 2 4 6 8

VERT 0 0.5 1 2 3 4

SCALE 1:100 AT A1 SIZE

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CHECKED: L. PAPAZOIS

AUTHORISED: T. DAVOLI

DATE: MAR '17

MUNICIPALITY: CITY OF MELTON

PROJECT: MODEINA STAGE 16

DETAILS: STEAD CIRCUIT CROSS SECTIONS - SHEET 1 of 3

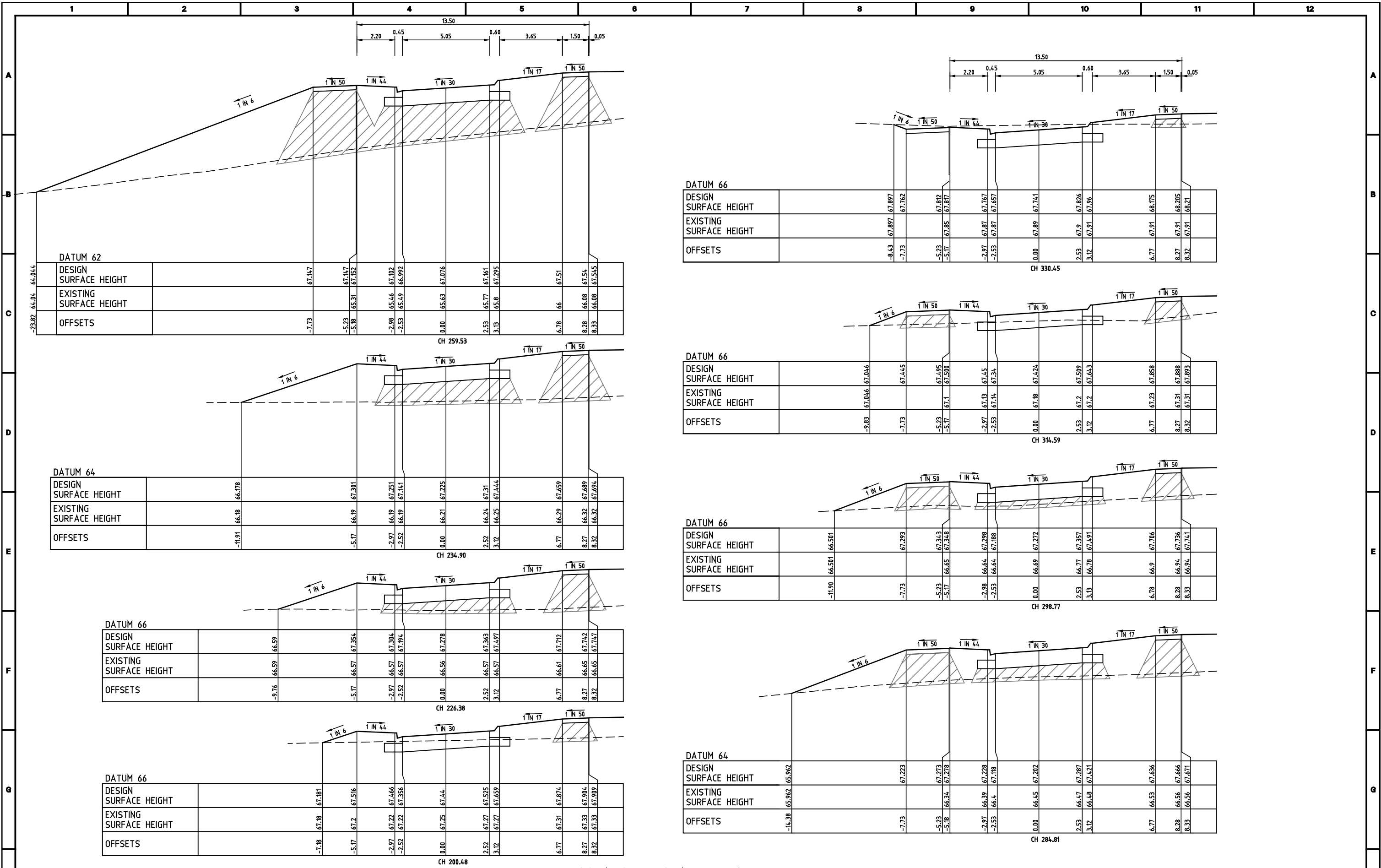
SCALE 1:100 1:50

LEVEL DATUM AHD

SHEET 08 OF 14

DRAWING No. 1275/16/NE/8

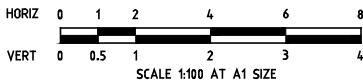
REF.	REVISION	DATE	APPD.
C3	AS CONSTRUCTED ISSUE	18/12/18	J.B.
C2	ROAD NAMES UPDATED	22/03/18	J.B.
C1	COUNCIL REQUIREMENTS	8/09/17	J.B.



ROAD CROSS SECTIONS STEAD CIRCUIT - SHEET 2 of 3

SCALES HOR 1 : 100 VER 1 : 50

AS CONSTRUCTED



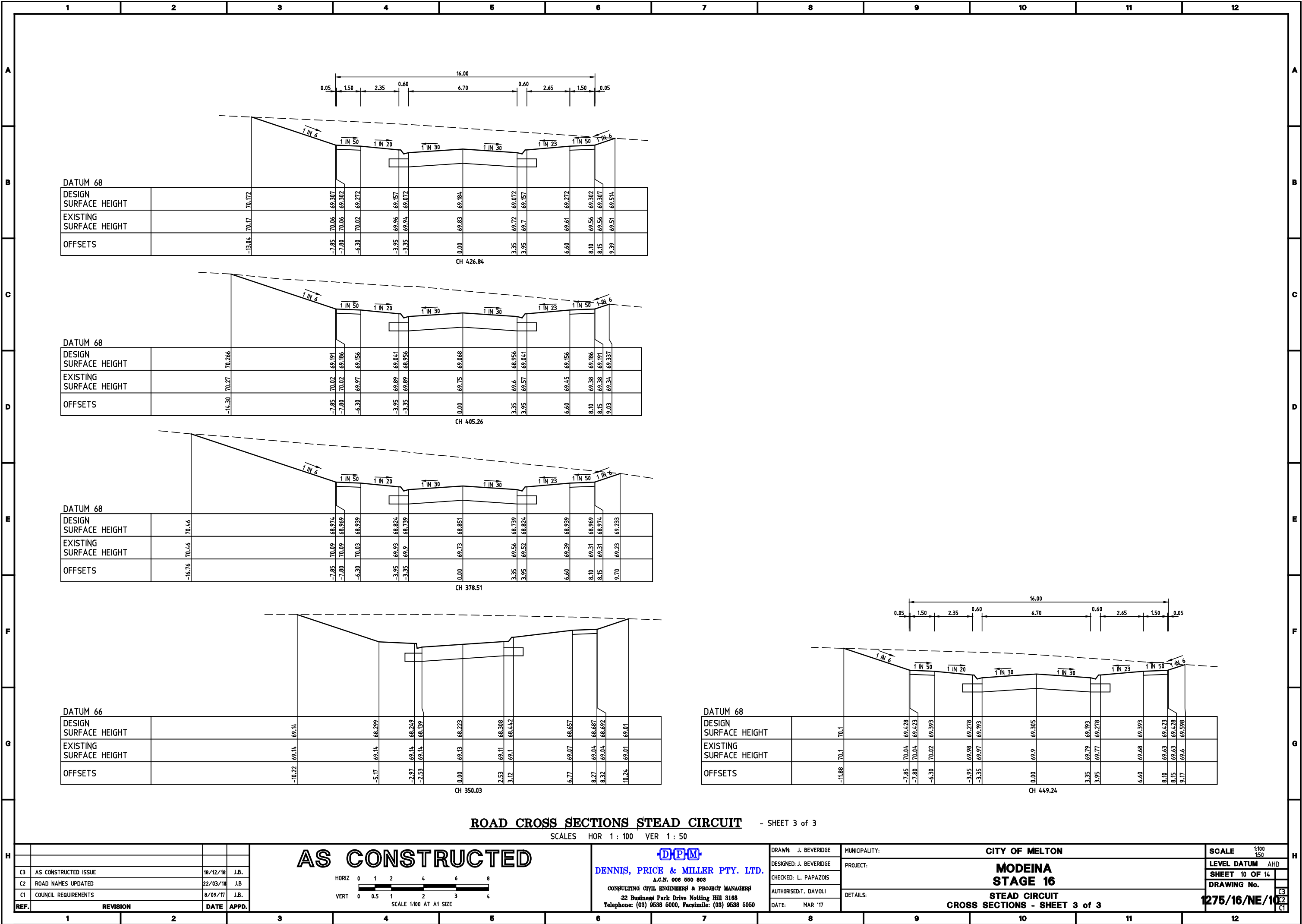
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C2	ROAD NAMES UPDATED	22/03/18	J.B.
C1	COUNCIL REQUIREMENTS	8/09/17	J.B.

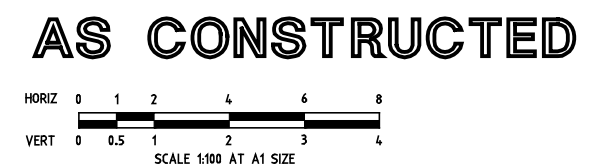
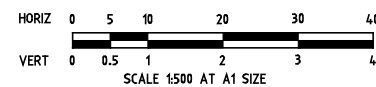
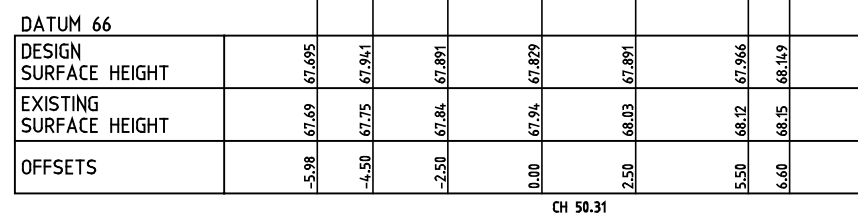
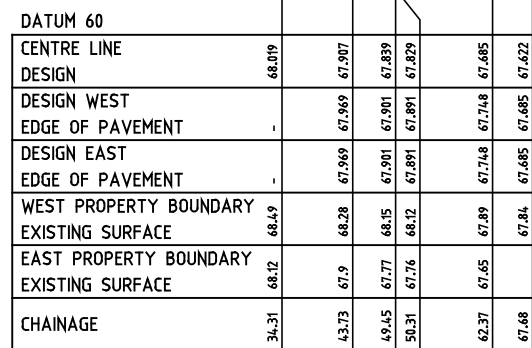
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CHECKED: L. PAPAZOIS
AUTHORISED: T. DAVOLI
DATE: MAR '17

MUNICIPALITY: CITY OF MELTON
PROJECT: **MODEINA STAGE 16**
DETAILS: **STEAD CIRCUIT CROSS SECTIONS - SHEET 2 of 3**

SCALE 1:100
1:50
LEVEL DATUM AHD
SHEET 9 OF 14
DRAWING No. **1275/16/NE/9C2**



[illegible]

