

Our Reference: 7618304

8 November 2021

John Beveridge
Dennis Price and Miller
22 Business Park Drive
Notting Hill VIC 3168



Dear John,

PA2015-4832 Modeina Estate Stage 24 - Engineering Plans – Engineering Plans - Conditional Approval

The above-mentioned plans, received by Council on 20 October 2021, are conditionally approved. Please find attached the approved stamped road and drainage plans.

The conditions are as follows and *must* be met prior to the construction commencing;

Condition 1: Public lighting, sewer and water plans must be updated to reflect the new change (i.e. creation of Polaris Road stub).

Council believes the list below represents the latest amended engineering plan submission:

Drawing No.	Sheet	Revision
1275/24/NE/1	1	-
1275/24/NE/2	2	C7
1275/24/NE/3	3	C3
1275/24/NE/4	4	C5
1275/24/NE/5	5	C3
1275/24/NE/6	6	C3
1275/24/NE/7	7	C3
1275/24/NE/8	8	C4
1275/24/NE/9	9	C4
1275/24/NE/10	10	C4
1275/24/NE/11	11	C4
1275/24/NE/12	12	C3
1275/24/NE/13	13	C3
1275/24/NE/14	14	C3
1275/24/NE/15	15	C4
1275/24/NE/16	16	C1

The approval is subject to compliance of all statutory and legal obligations and granted with the understanding that the engineering consultant, developer and landowner take full responsibility for the design contained in the conditionally approved engineering plans.

Please note the following:

- The approval of these plans is valid for one year. Where construction does not commence within that time, the plans must be resubmitted to Council for assessment using applicable engineering standards at the time of resubmission. New plan checking fees will also be applicable.
- No construction works can commence outside the development's property boundaries unless or until consent is provided by the adjoining landowner.
- A 'Consent to Work Within a Road Reserve' must be applied for where works will be done on an existing road. The form is available on Melton Council's website link <https://www.melton.vic.gov.au/Services/Building-Planning-Transport/Engineering/Engineering-applications>
- A Traffic Management Plan must be submitted where works will occur on existing roads, and where the works are traffic impact works, it must be approved by Council's Traffic team before works commence. The form is available on Melton Council's website link <https://www.melton.vic.gov.au/Services/Building-Planning-Transport/Engineering/Engineering-applications>
- Construction works must not commence on site until all relevant planning permit conditions have been satisfied. Email queries to planningsupport@melton.vic.gov.au T: 03 9747 7200.
- All Service Authority plans must be approved by the responsible authorities prior to the subbase of the road pavement being constructed. Included plans are:
 - Water main reticulation plans including the location and capacity (pressure and flow) of fire hydrants and hydrant mains;
 - Sewer main reticulation plans;
 - Recycled water reticulation plans (where applicable);
 - Public Lighting plans, utilising Public Lighting Guidelines and form on www.melton.vic.gov.au/Infrastructure-Planning; and
 - Other relevant service plans, as applicable.

The above plans must be submitted in PDF format (one email per type of plan) to serviceauthority@melton.vic.gov.au

- If required as part of the planning permit conditions for the above mentioned project, Construction Environmental Management plans (CEMP) must be submitted to Council *prior* to requesting a Civil Works pre-commencement meeting. Please note that plans should:
 - Include Planning Permit Application and Planning Permit Condition # - PAXXXX/XXXX
 - Adhere to requirements of endorsed planning permit conditions.
 - Be simply presented and easy to understand.
 - Include an overall site context plan which shows where the site is located
E.g. roads labelled
 - Address all relevant environmental risks of the works.
 - Include haulage route.

– **Include statements:**

- A water truck will be available for dust suppression on site *at all times* and at the direction of the Council Construction Supervisor.
- Working hours will be 7.00am or sunrise, whichever is the latter to 5.00pm week days.
- Exclude any reference to use of straw bales, as not best practice.
- Be In PDF format (to appropriate scale) from original document.

Note: do not scan document into PDF, as can be illegible.

Please submit CEMP with relevant information to Email: emp@melton.vic.gov.au

- A Pre-commencement Meeting Application must be emailed to Council to request approval to start work via Email: construction@melton.vic.gov.au
- As Constructed (As Con) plans must be received by Council prior to requesting a Practical Completion (PC) Inspection. To proceed, submit a PC Application form to Email: construction@melton.vic.gov.au
- Where required by planning permit conditions, A-SPEC digital data should be submitted and *verified* as correct by Council's Asset Management/GIS team prior to the Statement of Compliance (SOC) being issued. A-SPEC data can be submitted via Melton's ACDC portal or by email. Contact assetspecs@melton.vic.gov.au for more information.
- Submit A-Spec date to Email: assetspecs@melton.vic.gov.au

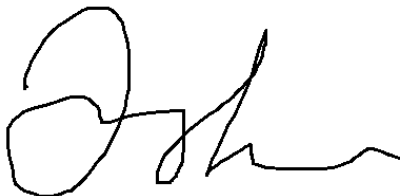
All correspondence submitted to Council must include a covering letter detailing:

- ✓ Full business name, address, contact name, email and telephone number for responses;
- ✓ Planning Application Number (PAXXXX/XXXX);
- ✓ Estate name and Stage # or Project Name and address;
- ✓ Description of submission (E.g. Construction Environmental Management Plan) and any changes/ response to prior Council correspondence;

Submissions should follow processes outlined above and utilise forms on website www.melton.vic.gov.au/Infrastructure-Planning unless another web link is listed.

Should you have any queries, please contact me at Email: pengh@melton.vic.gov.au or T: 03 9747 7200.

Regards,



PENG HUA

DEVELOPMENT ENGINEER

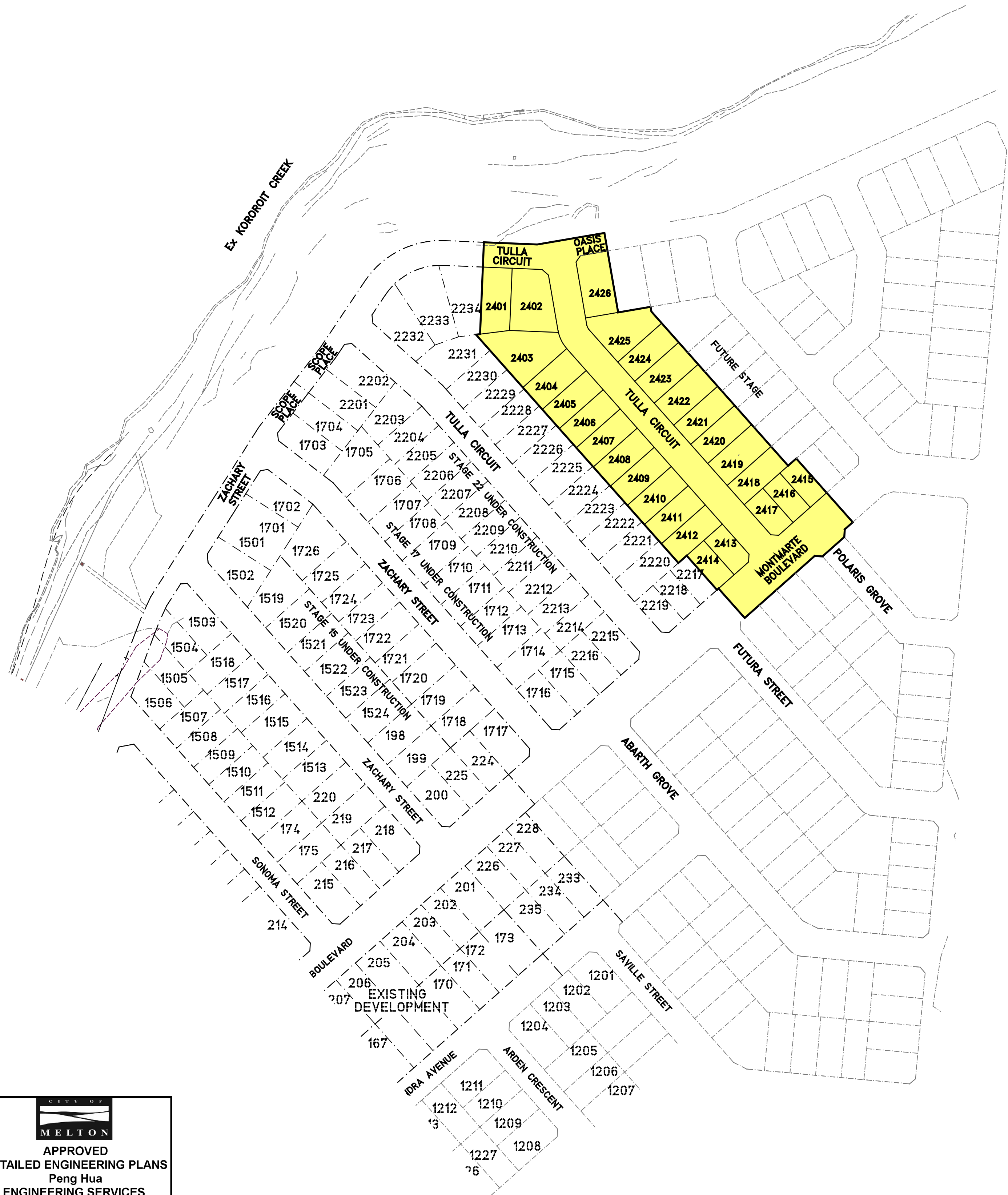
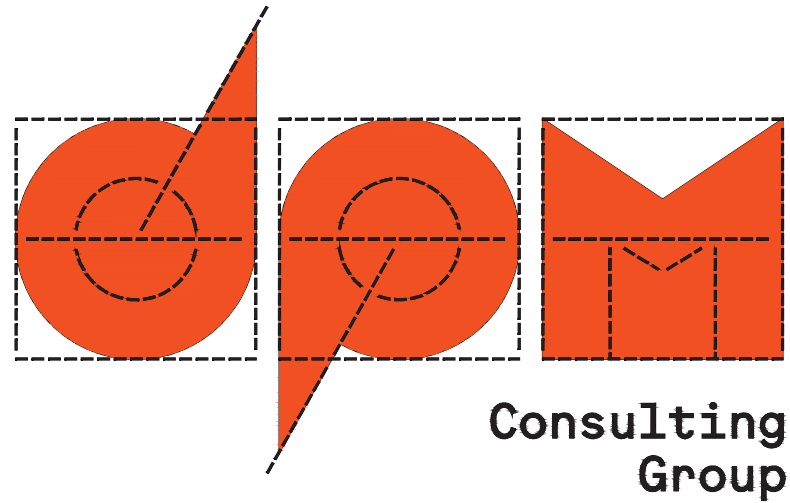
MODEINA STAGE 24

ROADS AND DRAINAGE

CITY OF MELTON



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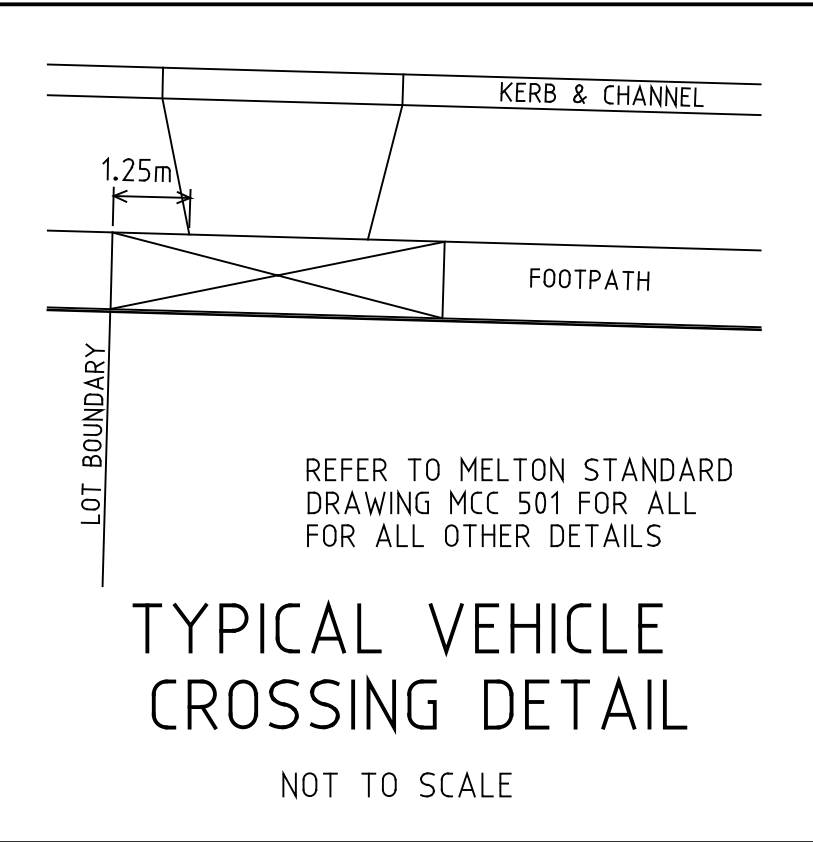
DRAWING INDEX

1275/24/NE/1	COVER SHEET AND LOCALITY PLAN
1275/24/NE/2	LAYOUT PLAN & SERVICES OFFSET TABLE
1275/24/NE/3	INTERSECTION DETAILS - SHEET 1 of 2
1275/24/NE/4	INTERSECTION DETAILS - SHEET 2 of 2
1275/24/NE/5	GENERAL NOTES & PAVEMENT COMPOSTIONS
1275/24/NE/6	TYPICAL SECTIONS & MISCELLANEOUS DETAILS
1275/24/NE/7	MONTMARTE BOULEVARD - LONGITUDINAL SECTION
1275/24/NE/8	MONTMARTE BOULEVARD - CROSS SECTIONS
1275/24/NE/9	TULLA CIRCUIT - LONGITUDINAL SECTION
1275/24/NE/10	TULLA CIRCUIT - CROSS SECTIONS - SHEET 1 of 2
1275/24/NE/11	TULLA CIRCUIT - CROSS SECTIONS - SHEET 2 of 2
1275/24/NE/12	OASIS PLACE - LONGITUDINAL & CROSS SECTIONS
1275/24/NE/13	DRAINAGE LONGITUDINAL SECTIONS
1275/24/NE/14	PIT SCHEDULE
1275/24/NE/15	SIGNAGE & LINEMARKING PLAN
1275/24/NE/16	POLARIS GROVE - LONGITUDINAL & CROSS SECTIONS

FOR CONSTRUCTION



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

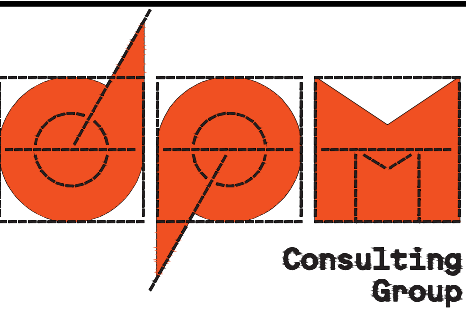
'T' INDICATES THE GRADING IS TO COMMENCE FROM THE TOP OR TOP OF BATTER
LEVEL OF ANY BATTER AT THE FRONT OF THE PROPERTY

'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.

REV.	REVISION	DATE	APPD.	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)
C7	RETAINING WALL RETURN AT LOT 2402 AMENDED	17.9.21	J.B.		ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOP OF BATTER LEVEL
C8	STAGE BOUNDARY AMENDED	7/6/2021	J.B.		TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
C9	COUNCIL REQUIREMENTS	28/7/2021	J.B.		GAS CONDUIT		EX-SEWER LINE AND STRUCTURES		PROPOSED SURFACE & LEVEL
					KERB AND CHANNEL		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
					STREET SIGN		STREET SIGN		EXP. BATTER & PROP. BATTER

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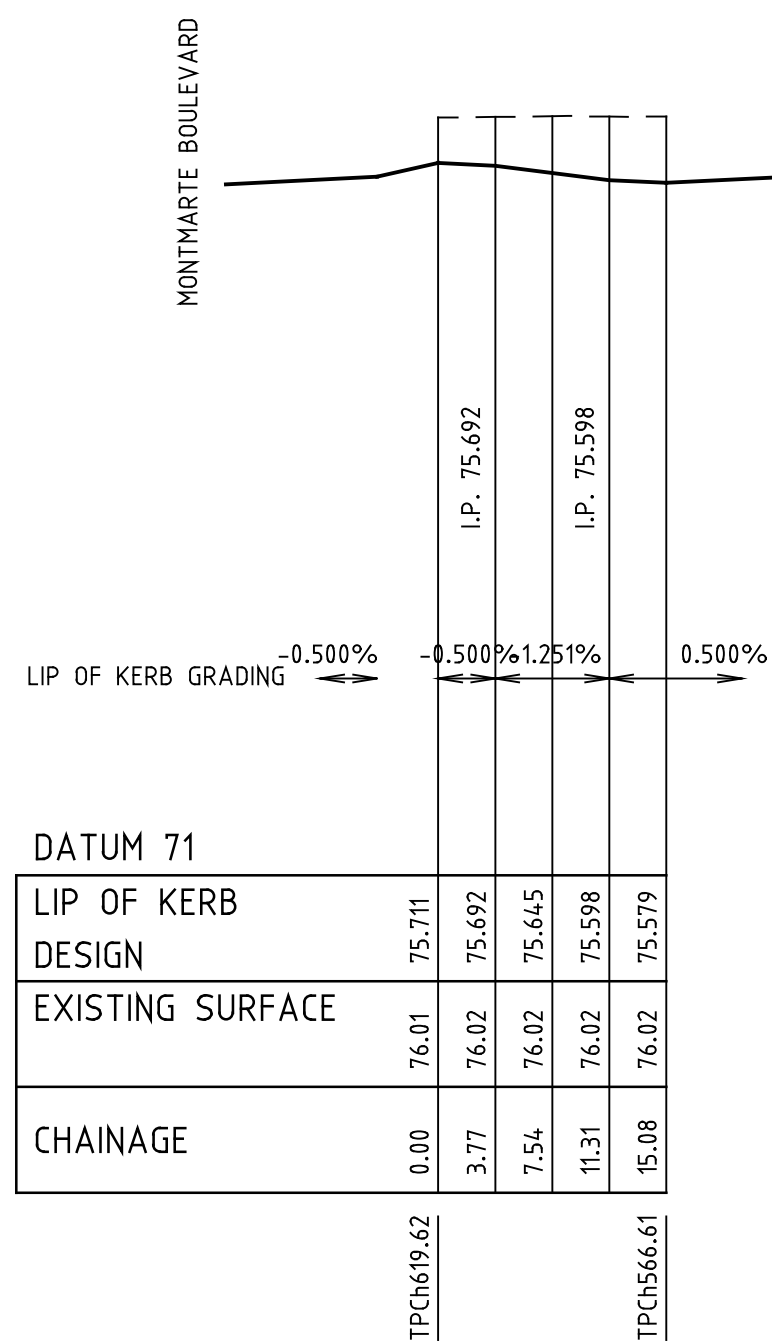
DRAWN:	J.BEVERIDGE
DESIGNED:	J.BEVERIDGE
CHECKED:	L.PAPAZOIS
AUTHORISED:	T.DAVOLI
DATE:	7/5/18

AUTHORITY: CITY OF MELTON

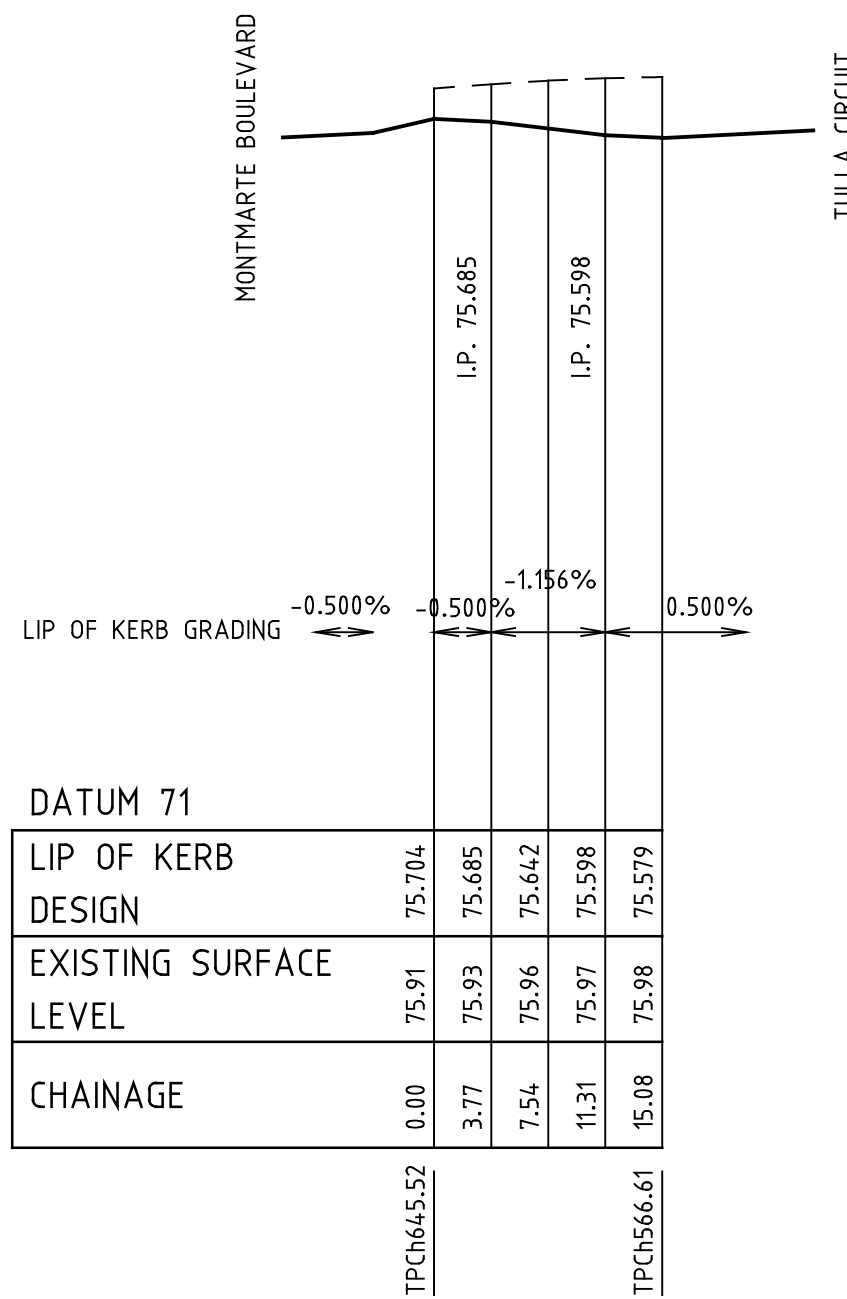
PROJECT: **MODEINA STAGE 24
ROADS AND DRAINAGE**

DETAILS: **LAYOUT PLAN & SERVICES OFFSET TABLE**

SCALE 1:500	
LEVEL DATUM AHD	
SHEET 2 OF 16	
DRAWING No. 1275/24/NE/2	REV. C7



WEST LIP OF KERB
LONGITUDINAL SECTION



EAST LIP OF KERB
LONGITUDINAL SECTION

WEST KERB RETURN SET OUT DETAILS

RAD.	9.600
INT	91°32'25"
TAN	9.862
CHD	13.758
ARC	15.338
M1	2.904
M2	0.756

EAST KERB RETURN SET OUT DETAILS

RAD.	9.600
INT	91°32'25"
TAN	9.862
CHD	13.758
ARC	15.338
M1	2.904
M2	0.756

EAST KERB RETURN SET OUT DETAILS

RAD.	9.600
INT	90°0'2"
TAN	9.600
CHD	13.576
ARC	15.080
M1	2.812
M2	0.731

WEST KERB RETURN SET OUT DETAILS

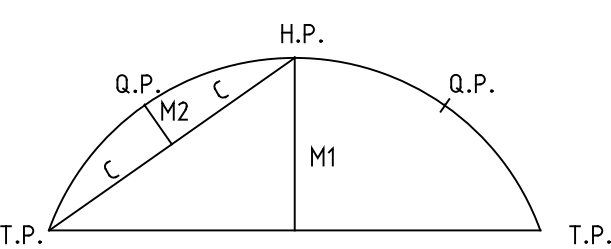
RAD.	9.600
INT	90°0'2"
TAN	9.600
CHD	13.576
ARC	15.080
M1	2.812
M2	0.731

DATUM 71

LIP OF KERB DESIGN	75.385	75.440	75.442	75.442	75.442
EXISTING SURFACE	75.75	75.78	75.81	75.85	75.87
CHAINAGE	0.00	3.77	7.54	11.31	15.08

DATUM 71

LIP OF KERB DESIGN	75.559	75.553	75.497	75.428	75.385
EXISTING SURFACE	75.69	75.73	75.74	75.73	75.71
CHAINAGE	0.00	3.77	7.54	11.31	15.08



SET OUT DETAIL
N.T.S.

REV.	REVISION	DATE	APPD.
C3	STAGE BOUNDARY AMENDED	7.9.21	J.B.
C2	LOT LAYOUT AMENDED	23.4.21	J.B.
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.
P1	PRELIMINARY ISSUE	7/5/18	L.P.

LEGEND	SYMBOL	DESCRIPTION
— G —	— G —	GAS MAIN
— W —	— W —	WATER MAIN
— E —	— E —	ELECTRICITY CABLE
— T —	— T —	TELECOMMUNICATIONS CABLE
— C —	— C —	WATER CONDUIT
— S —	— S —	GAS CONDUIT
— R —	— R —	RECYCLED WATER CONDUIT
— B —	— B —	COMBINED SERVICES CONDUIT
— P —	— P —	PROPERTY INLET, DRAINAGE PITS
— F —	— F —	EX./FUT. INLET, DRAINAGE PITS
— D —	— D —	DRAINAGE PIT STAGE/NUMBER
— S —	— S —	SEWER LINE AND STRUCTURES
— E —	— E —	EX./FUT. KERB AND CHANNEL
— K —	— K —	KERB TO BE REMOVED OFFSITE
— S —	— S —	STREET SIGN

CHANGES AND TANGENT POINTS	CHANGES AND TANGENT POINTS
EXISTING SURFACE LEVEL	EXISTING SURFACE LEVEL
FINISHED LEVEL (TITLE BOUNDARY)	FINISHED LEVEL (TITLE BOUNDARY)
DESIGN TOP/TOP OF BATTER LEVEL	DESIGN TOP/TOP OF BATTER LEVEL
DESIGN PAVEMENT LEVEL	DESIGN PAVEMENT LEVEL
PROPOSED CONTOUR LINE & LEVEL	PROPOSED CONTOUR LINE & LEVEL
EXISTING CONTOUR LINE & LEVEL	EXISTING CONTOUR LINE & LEVEL
FILLING IN EXCESS OF 200mm	FILLING IN EXCESS OF 200mm
CATCH DRAIN AND INVERT LEVEL	CATCH DRAIN AND INVERT LEVEL
EX. BATTER	EX. BATTER
PROP. BATTER	PROP. BATTER

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DESIGNED: J.BEVERIDGE
CHECKED: L.PAPAZOIS
AUTHORISED: T.DAVOLI
DATE: 7/5/18

AUTHORITY: CITY OF MELTON
PROJECT: MODEINA STAGE 24
ROADS AND DRAINAGE
DETAILS: INTERSECTION DETAILS - SHEET 1 OF 2

SCALE 1:200
LEVEL DATUM AHD
SHEET 3 OF 16
DRAWING No. 1275/24/NE/3
REV. C3

FOR CONSTRUCTION

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 2011) AND TO THE SATISFACTION OF THE CITY OF MELTON CHIEF EXECUTIVE OFFICE OR HIS/HER DEPUTY REPRESENTATIVE. THE COUNCIL'S 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 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 5.00m 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 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.

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, AND NECESSARY SAFETY 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 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, MULCH 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 1in6.

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

STREET SIGNS ARE TO BE INSTALLED IN ACCORDANCE WITH AS 1742.5 & THE CURRENT CITY OF MELTON STANDARD SIGNS INCLUDING THE PROVISION OF LOGOS.

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 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.

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, SIGNS 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 ARE 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 BURNT 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

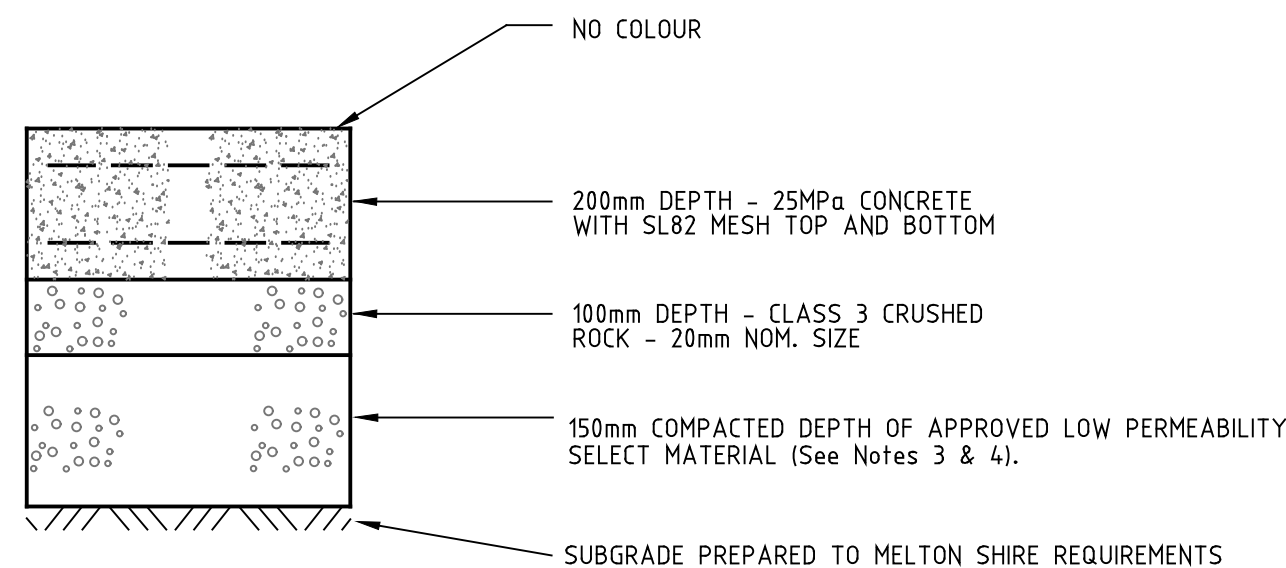
PRIOR TO COMMENCEMENT OF WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION:-

- 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 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 trench construction, showing the following layers and components:
- ASPHALT COURSES
 - BASE COURSE
 - SUB BASE & LOWER SUB BASE
 - CAPPING LAYER - 150mm MIN
 - CONSTRUCTION LAYER - 150mm MIN
 - CONDUIT 200mm BELOW CAPPING LAYER
 - MARKER TAPE AT 50mm BELOW CAPPING LAYER
 - 20mm CLASS 3 CR OR RECYCLED CONCRETE TRENCH BACKFILL
 - EMBEDMENT TO AUTHORITY REQUIREMENTS
 - SERVICE CONDUIT TO BE INSTALLED AFTER PLACEMENT OF THE CONSTRUCTION LAYER. REFER TO EDCM 2024.



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. MAXIMUM PERMEABILITY 5×10^{-10} s. MINIMUM SOAKED CBR 8%, MAX CBR SWELL 1.5%. LAYER THICKNESS SHOULD BE RAISED WHERE ROCK ENCOUNTERED ABOVE UNDERSIDE OF LAYER.

Note 3. THIS LAYER CAN BE THICKENED IF LOCALISED SUBGRADE IMPROVEMENT IS REQUIRED, I.E. VIA REMOVAL AND REPLACEMENT; AND

Note 4. SUB BASE CAN BE USED AS A LEVELLING LAYER OVER BASALT ONLY SUBGRADES IF REQUIRED.

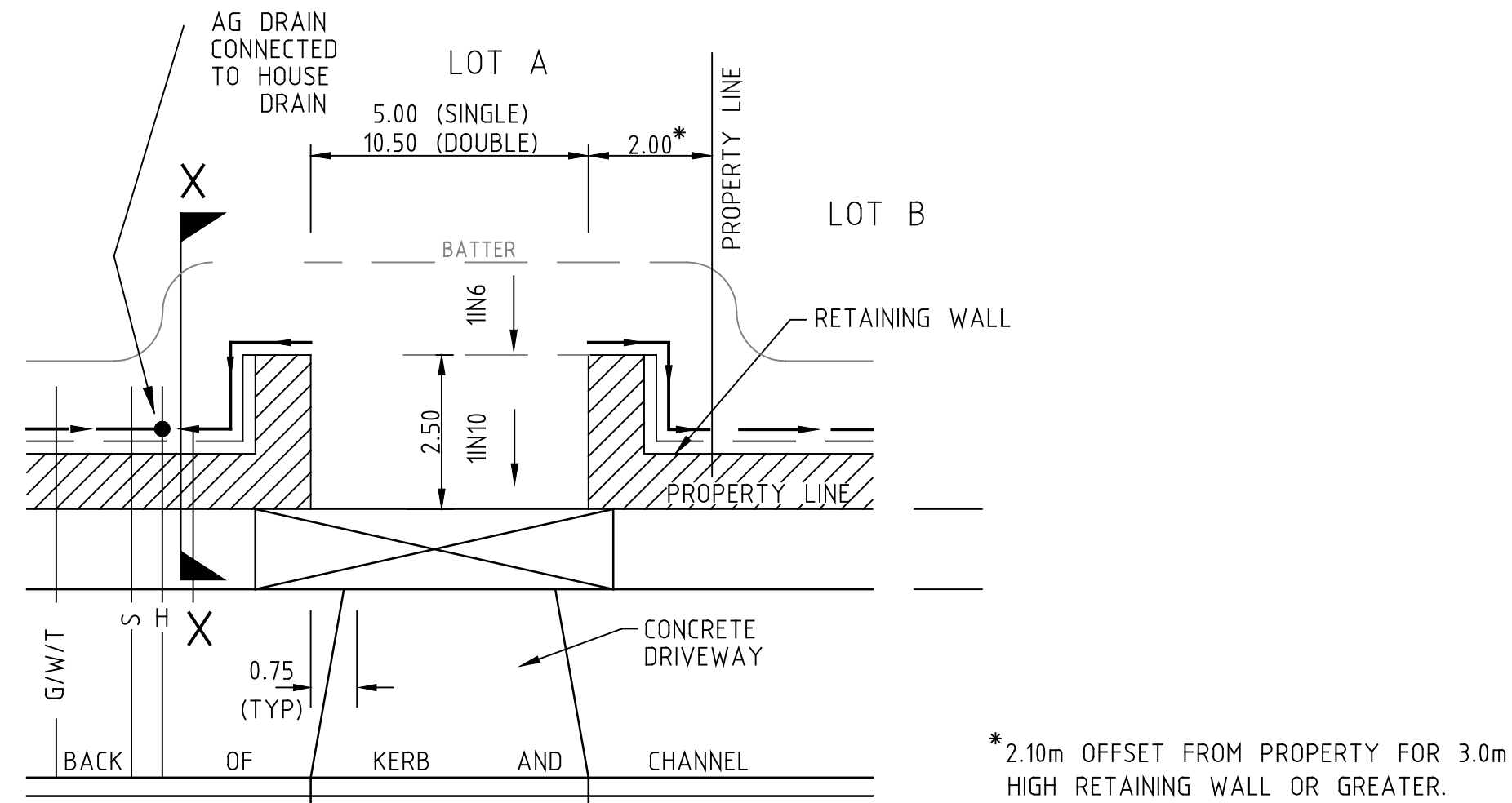
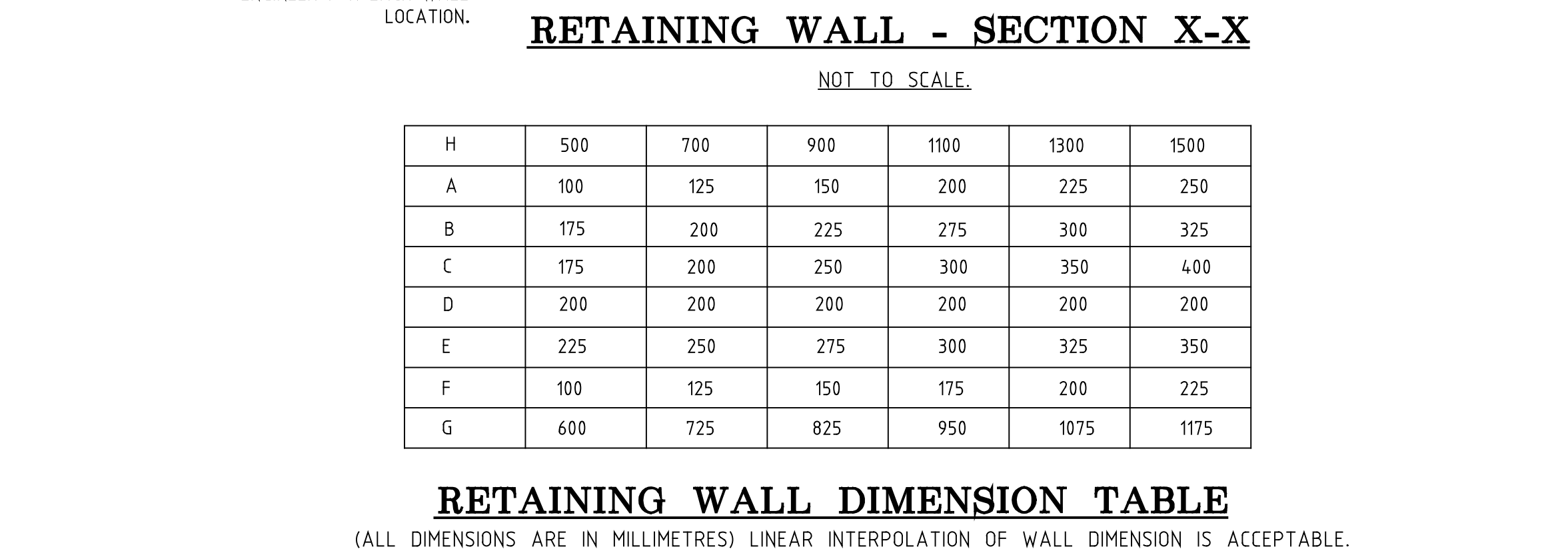
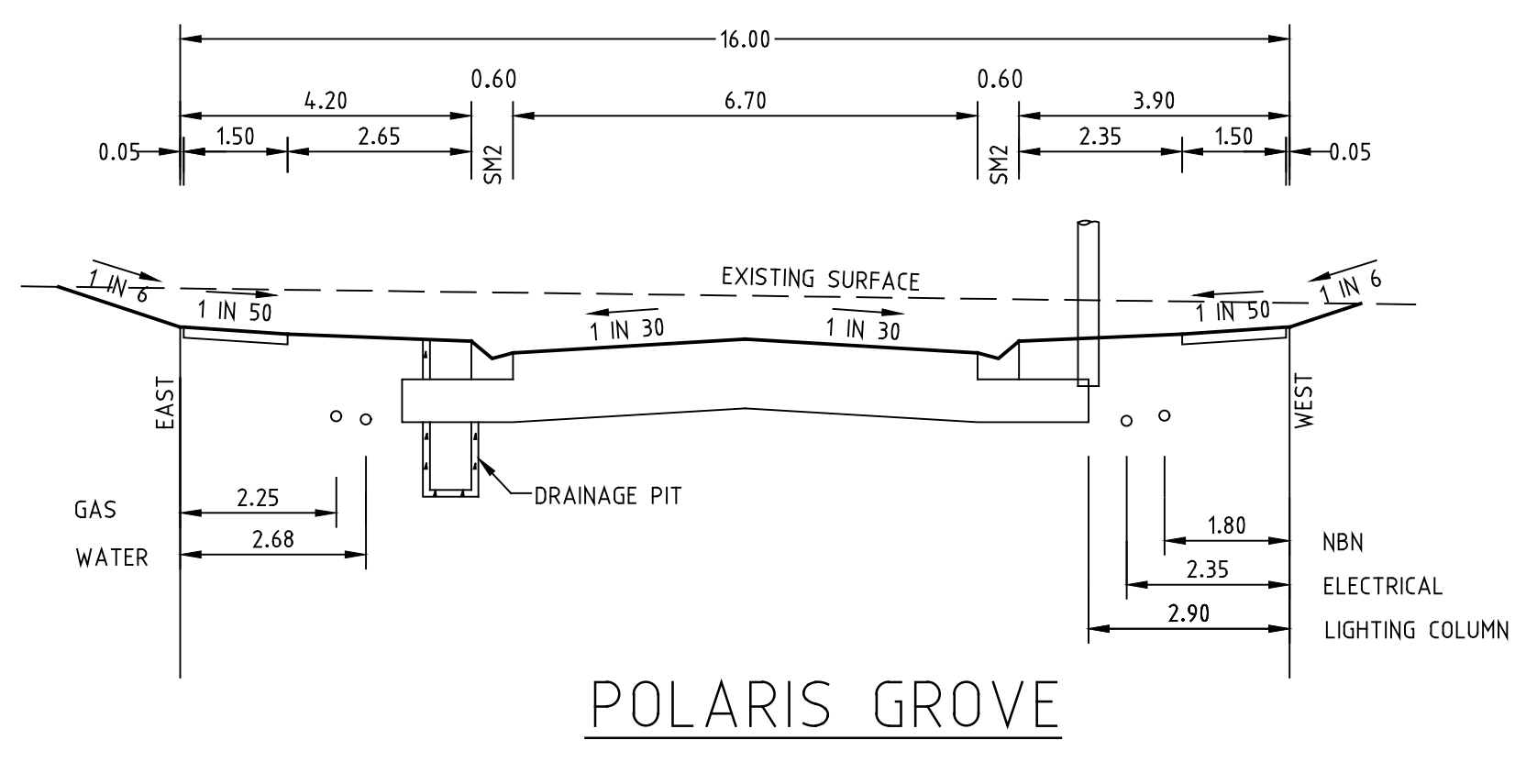
REV.	REVISION	DATE	APPD.	LEGEND
C3	COUNCIL REQUIREMENTS	15.6.21	J.B.	GAS MAIN WATER MAIN RECYCLED WATER MAIN ELECTRICITY CABLE TELECOMMUNICATIONS CABLE WATER CONDUIT GAS CONDUIT RECYCLED WATER CONDUIT COMBINED SERVICES CONDUIT L.B.M. (LOW BURNING MATERIAL) STREET SIGN
C2	LOT LAYOUT AMENDED	23.4.21	J.B.	HOUSE DRAIN PROPOSED/EX. PROPERTY INLET, DRAINAGE PITS FINISHED LEVEL (TITLE & BOUNDARY) DRAINAGE PIT STAGE/NUMBER SEWER LINE AND STRUCTURES EX/SEWER LINE AND STRUCTURES KERB AND CHANNEL EX./PUT. KERB AND CHANNEL KERB TO BE REMOVED OFFSITE STREET SIGN
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.	CHAINAGES AND TANGENT POINTS EXISTING SURFACE LEVEL DESIGN TOP/ OFE OF BATTER LEVEL DESIGN PAVEMENT LEVEL PROPOSED FINISHED LEVEL & LEVEL EXISTING CONTOUR LINE & LEVEL FILLING IN EXCESS OF 200mm CATCH DRAIN AND INLET EX. BATTER, TOP OF PROP. BATTER
P1	PRELIMINARY ISSUE	7/5/18	L.P.	



AUTHORITY:	CITY OF MELTON
PROJECT:	MODEINA ST ROADS AND
DETAILS:	GENERAL NOTES ----

AUTHORITY:	CITY OF MELTON
PROJECT:	MODEINA STAGE 24 ROADS AND DRAINAGE
DETAILS:	GENERAL NOTES & PAVEMENT COMPOSITIONS ----

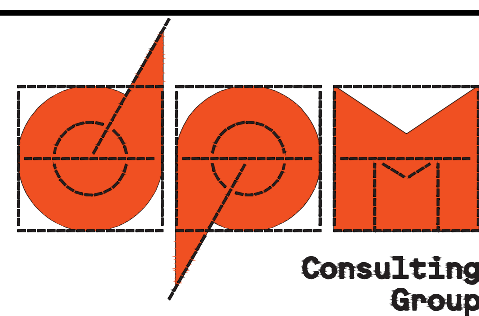
DRAWING No.
1275/24/NE/5



FOR CONSTRUCTION

-	-	-	-	LEGEND					
C3	STAGE BOUNDARY AMENDED	7.9.21	J.B.		GAS MAIN		HOUSE DRAIN PROPOSED/EX.		CHAINAGES AND TANGENT POINTS
C2	LOT LAYOUT AMENDED	23.4.21	J.B.		WATER MAIN		PROPERTY INLET, DRAINAGE PITS		EXISTING SURFACE LEVEL
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.		RECYCLED WATER MAIN		EX./FUT. INLET, DRAINAGE PITS		FINISHED LEVEL (TITLE BOUNDARY)
P1	PRELIMINARY ISSUE	7/5/18	L.P.		ELECTRICITY CABLE		DRAINAGE PIT STAGE/NUMBER		DESIGN TOP/TOE OF BATTER LEVEL
					TELECOMMUNICATIONS CABLE		SEWER LINE AND STRUCTURES		DESIGN PAVEMENT LEVEL
					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 200mm
					COMBINED SERVICES CONDUIT		KERB TO BE REMOVED OFFSITE		CATCH DRAIN AND INVERT LEVEL
					I.B.M.		STREET SIGN		EX. BATTER, T. & PROP. BATTER
					R.S.M.				

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DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE NOT TO SCALE	
DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 24	LEVEL DATUM AHD	
CHECKED: L.PAPAZOIS	ROADS AND DRAINAGE	SHEET 6 OF 16	
AUTHORISED: T.DAVOLI		DRAWING No.	
DATE: 7/5/18		1275/24/NE/6	
DETAILS: TYPICAL SECTIONS & MISCELLANEOUS DETAILS		REV.	
----		C3	

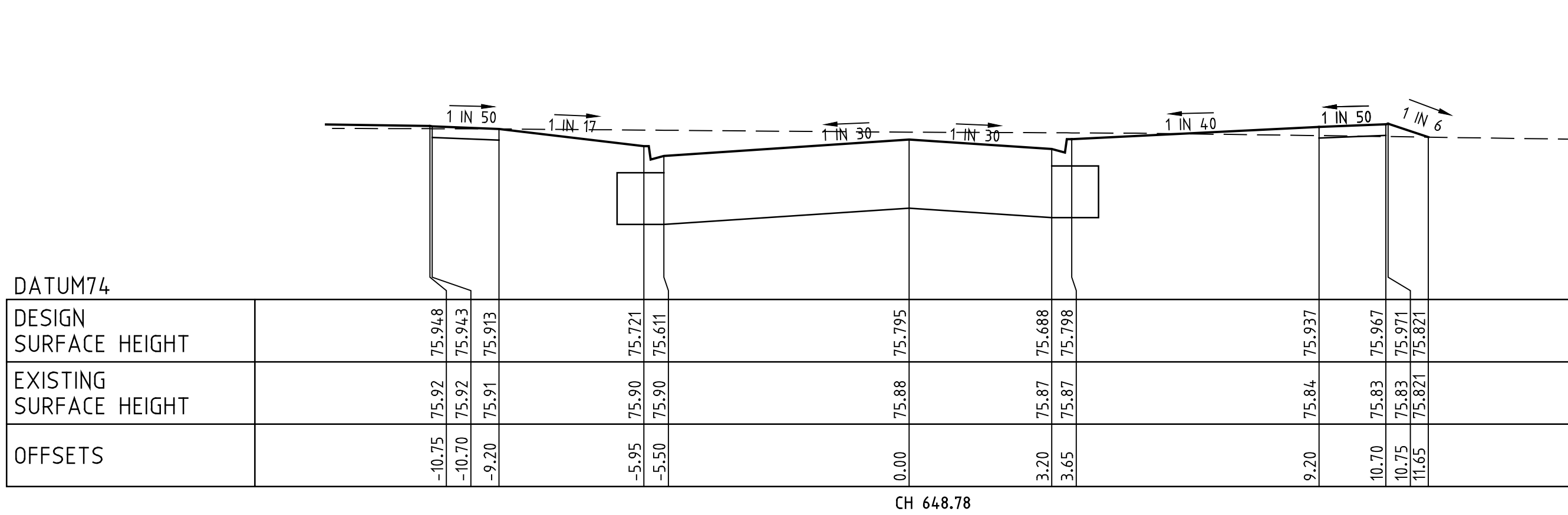
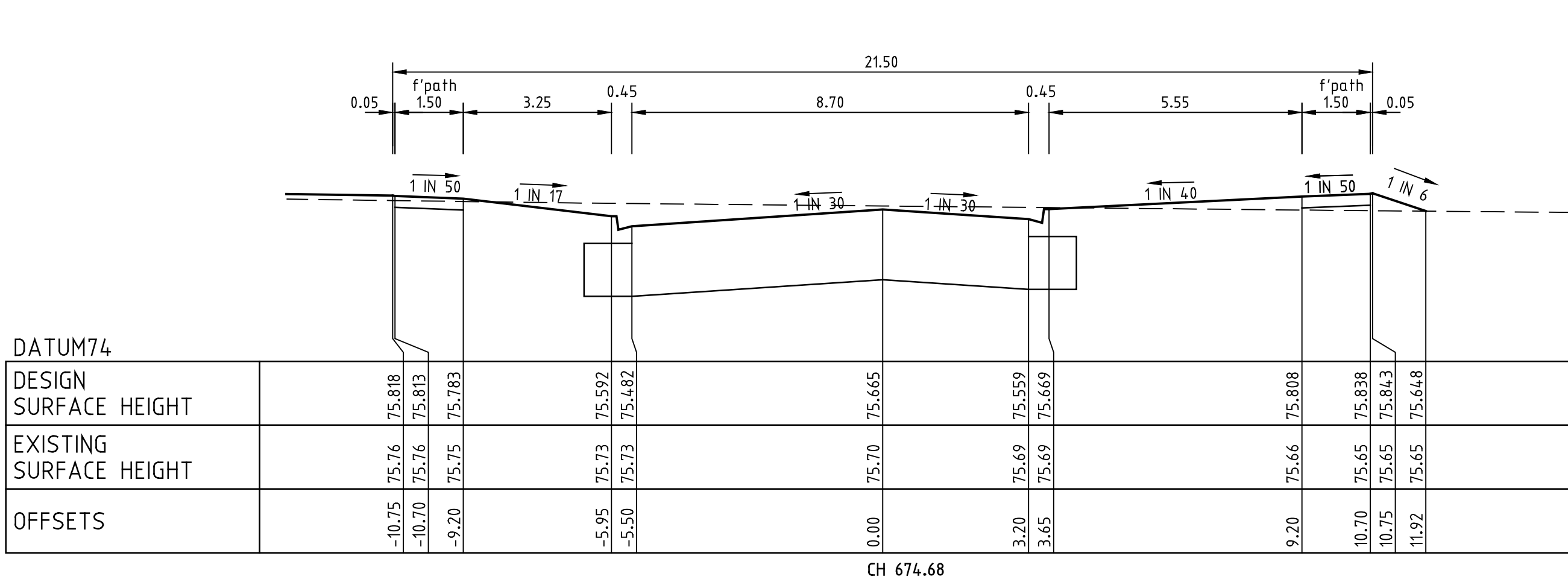
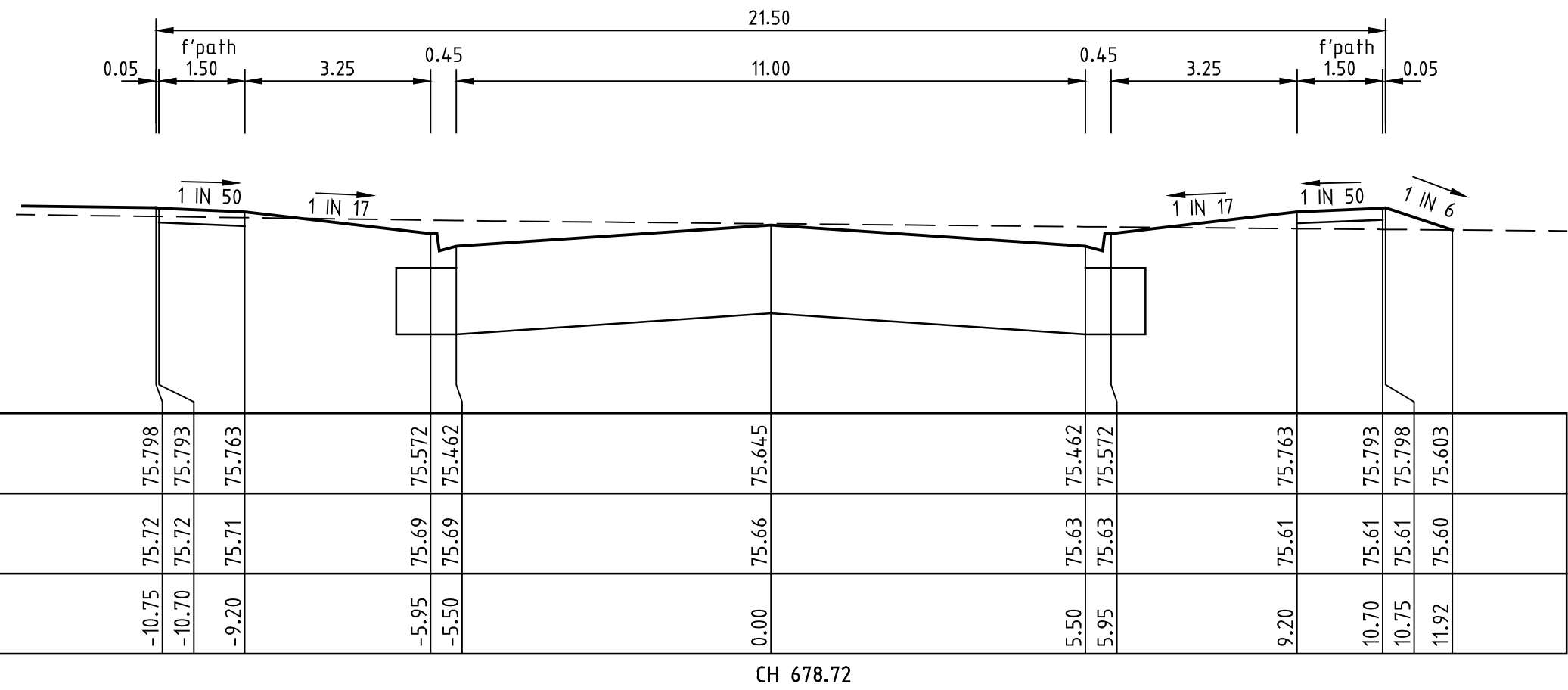
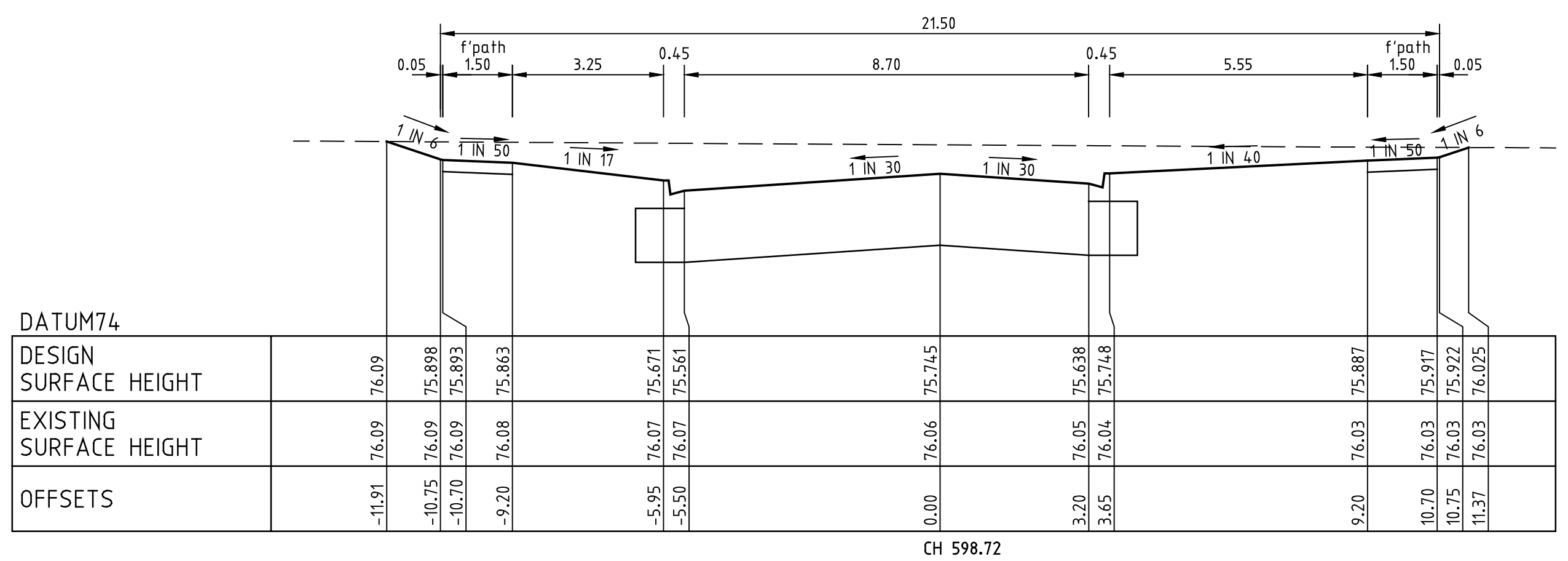
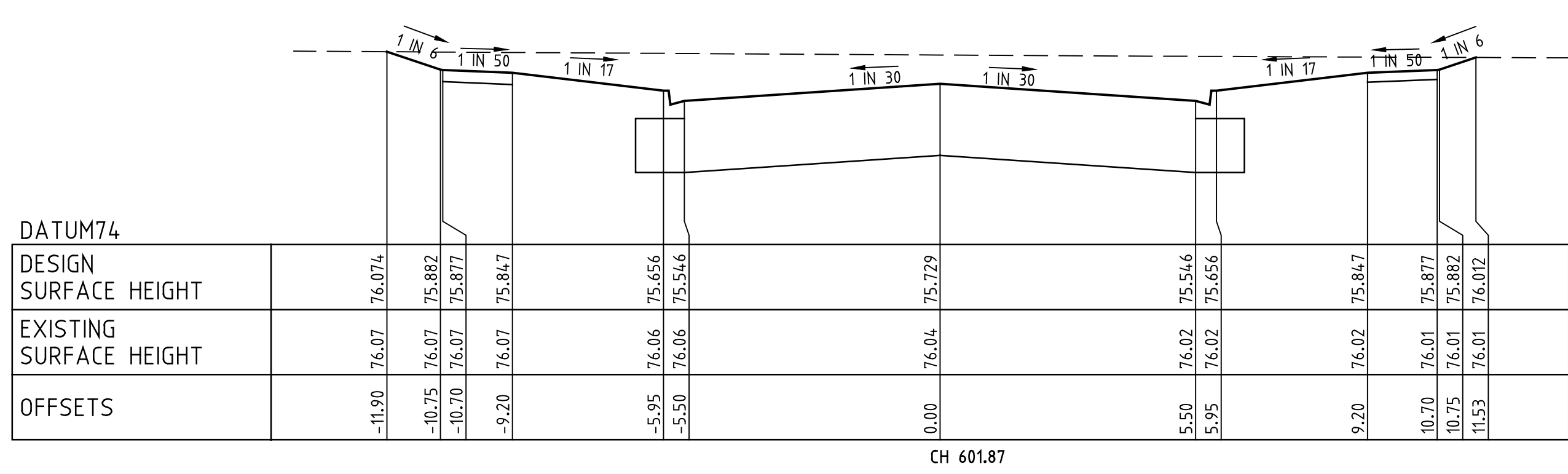
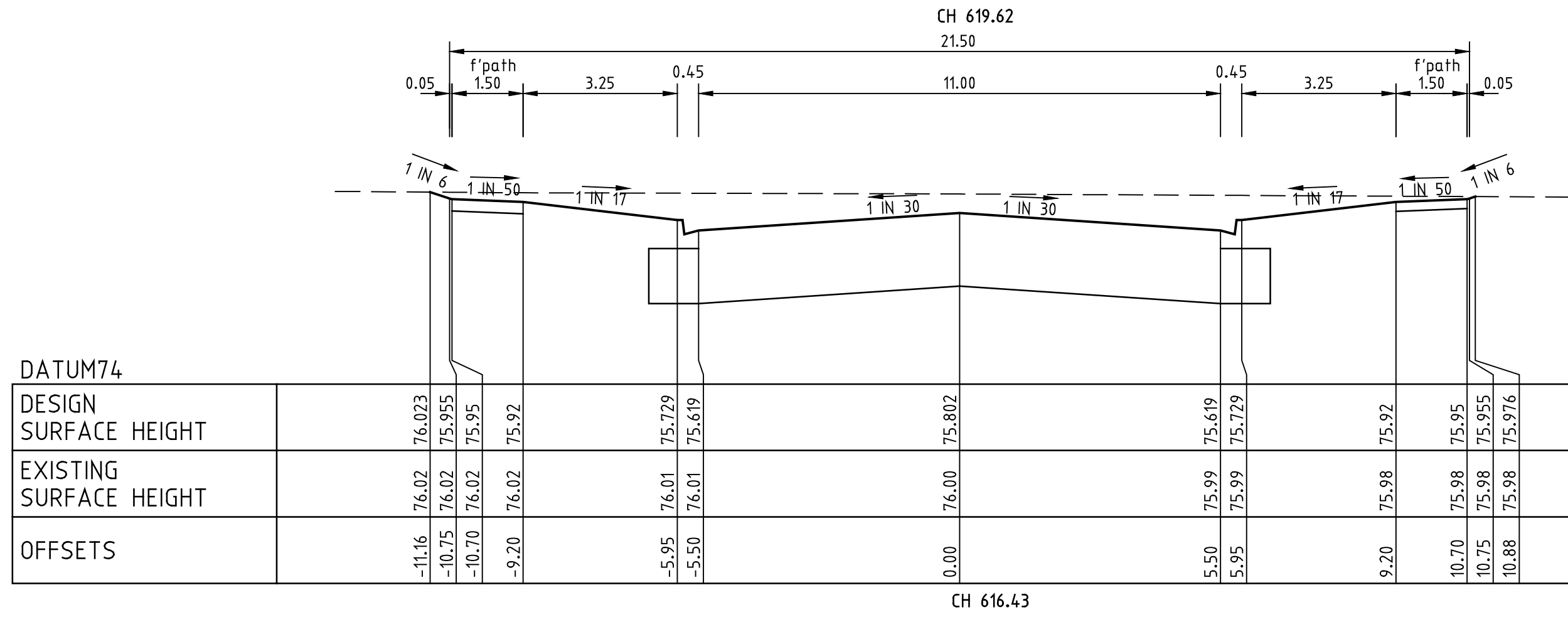
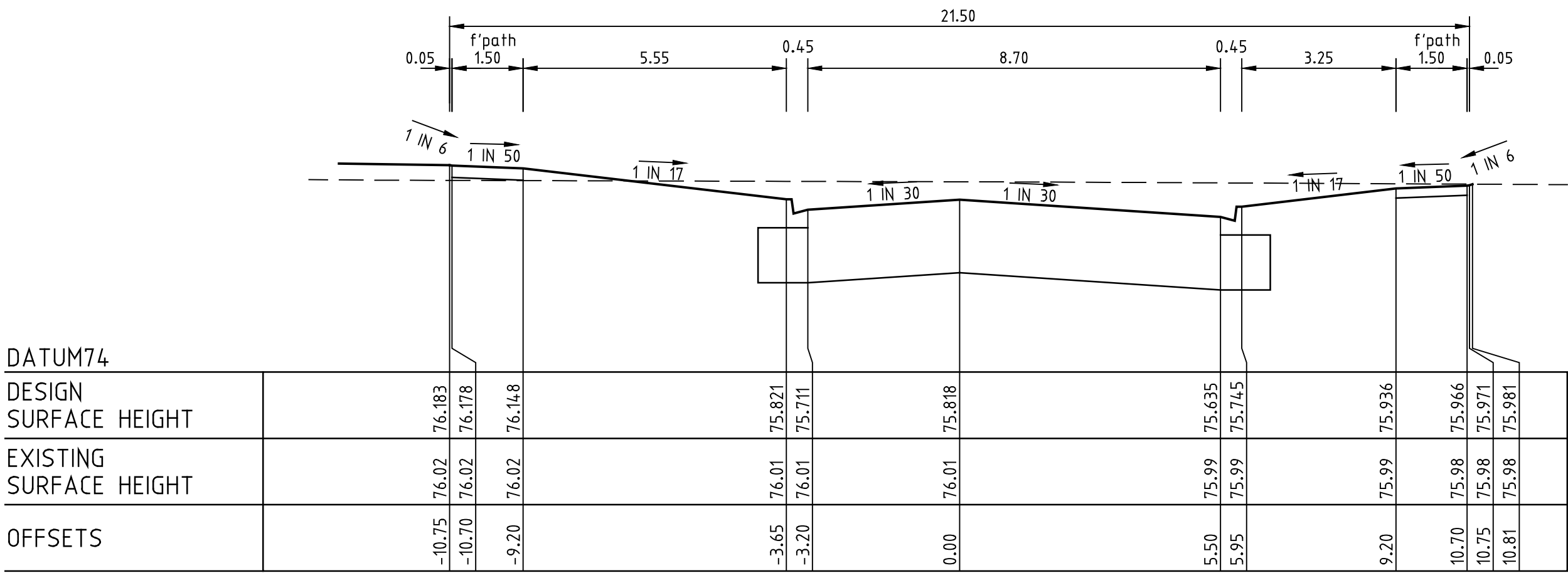


SCALES HOR 1 : 500 VER 1 : 50



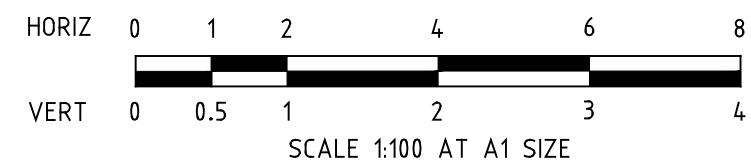
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ROAD CROSS SECTIONS MONTMARTE BOULEVARD

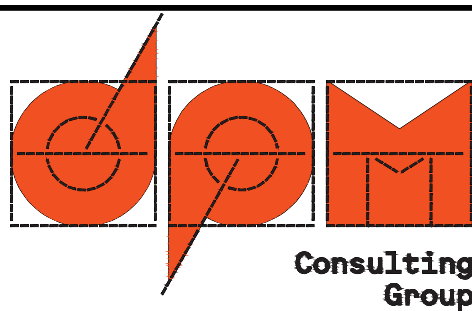
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FOR CONSTRUCTION

REV.	REVISION	DATE	APPD.	LEGEND
C4	MINOR AMENDMENTS	7.9.21	J.B.	
C3	COUNCIL REQUIREMENTS	15.6.21	J.B.	
C2	LOT LAYOUT AMENDED	23.4.21	J.B.	
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.	
P1	PRELIMINARY ISSUE	7/5/18	L.P.	

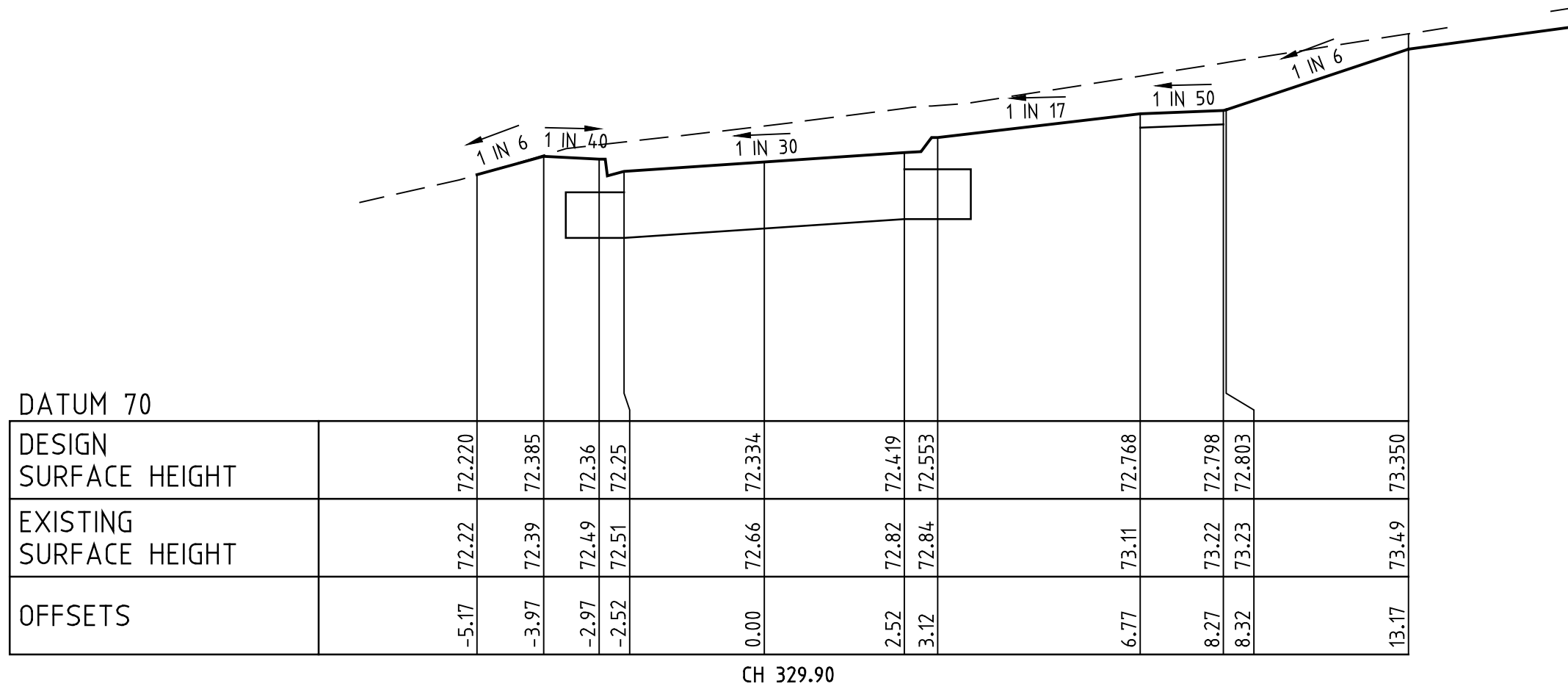
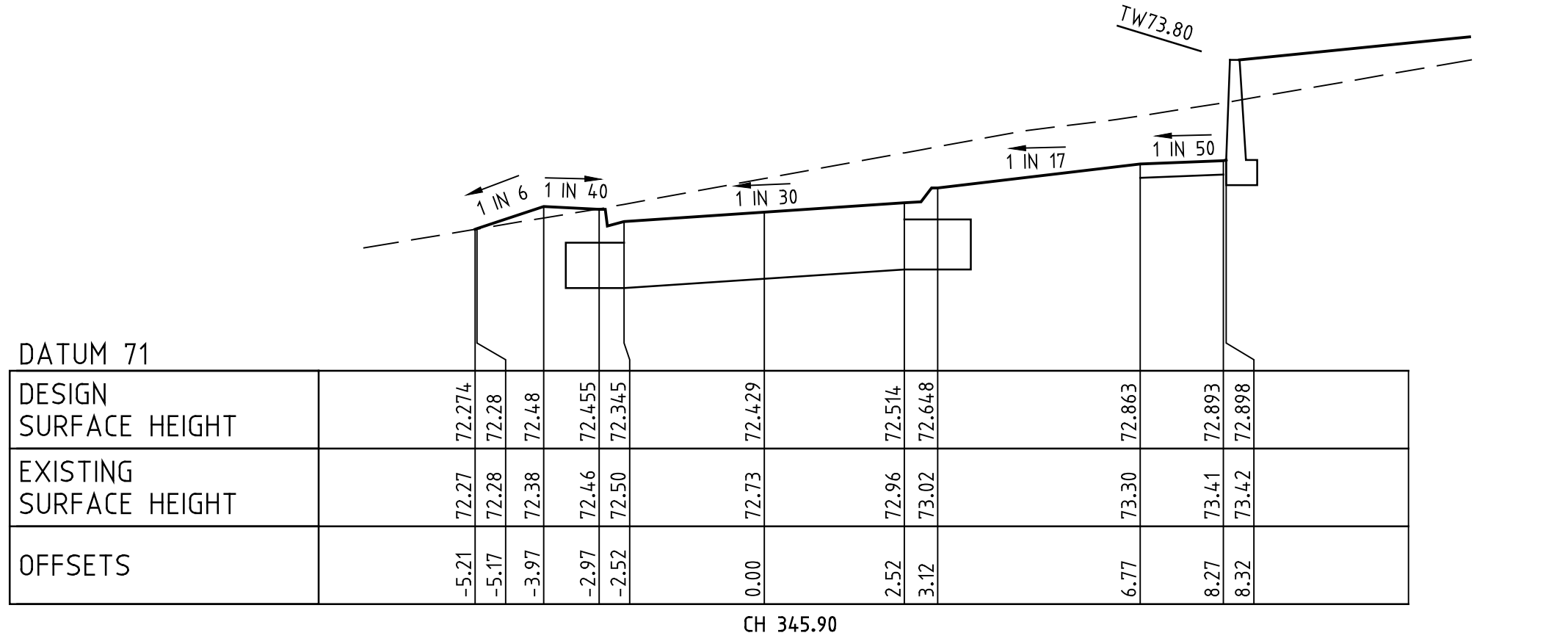
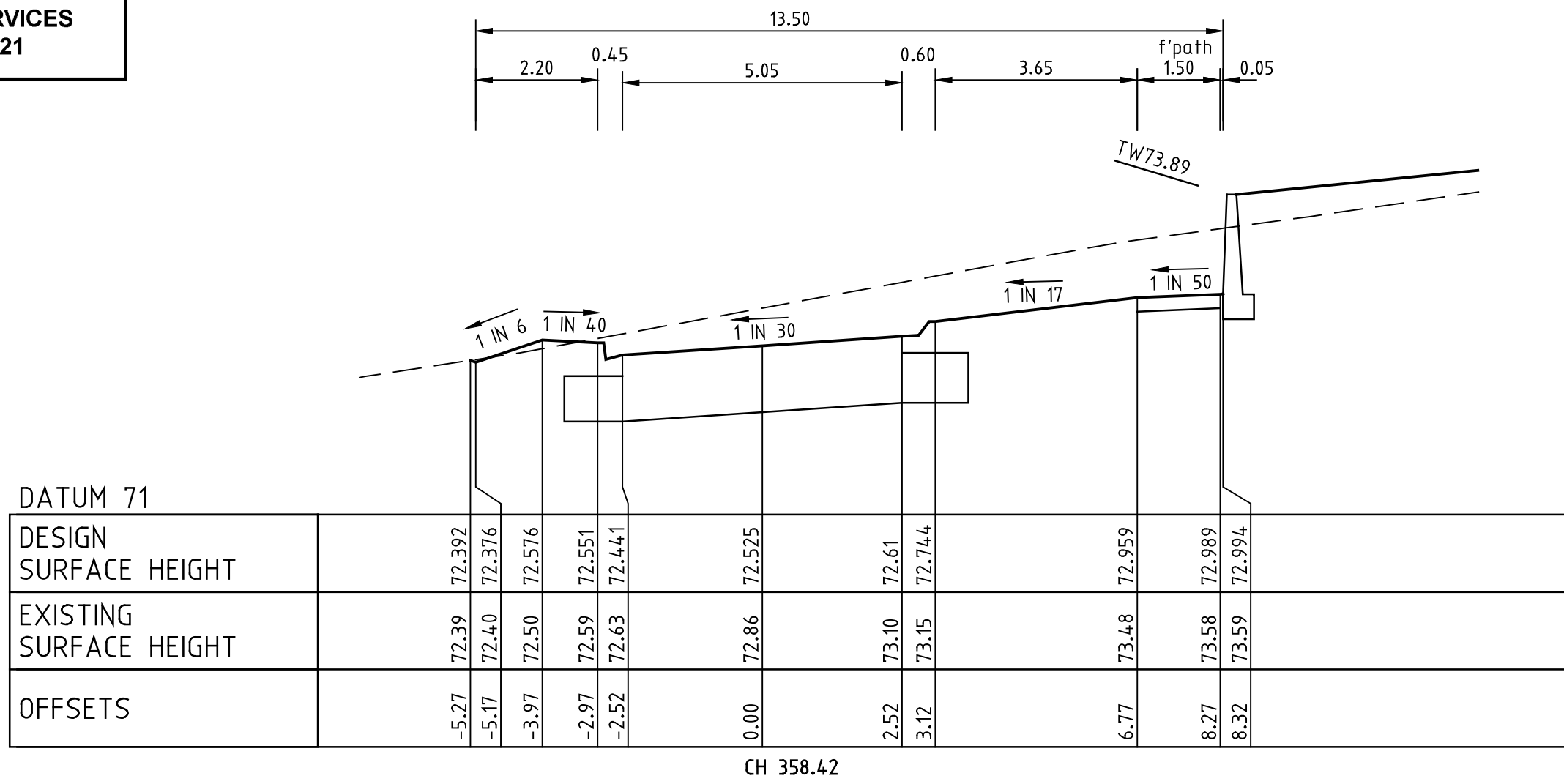
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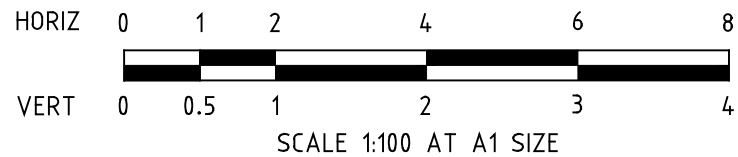
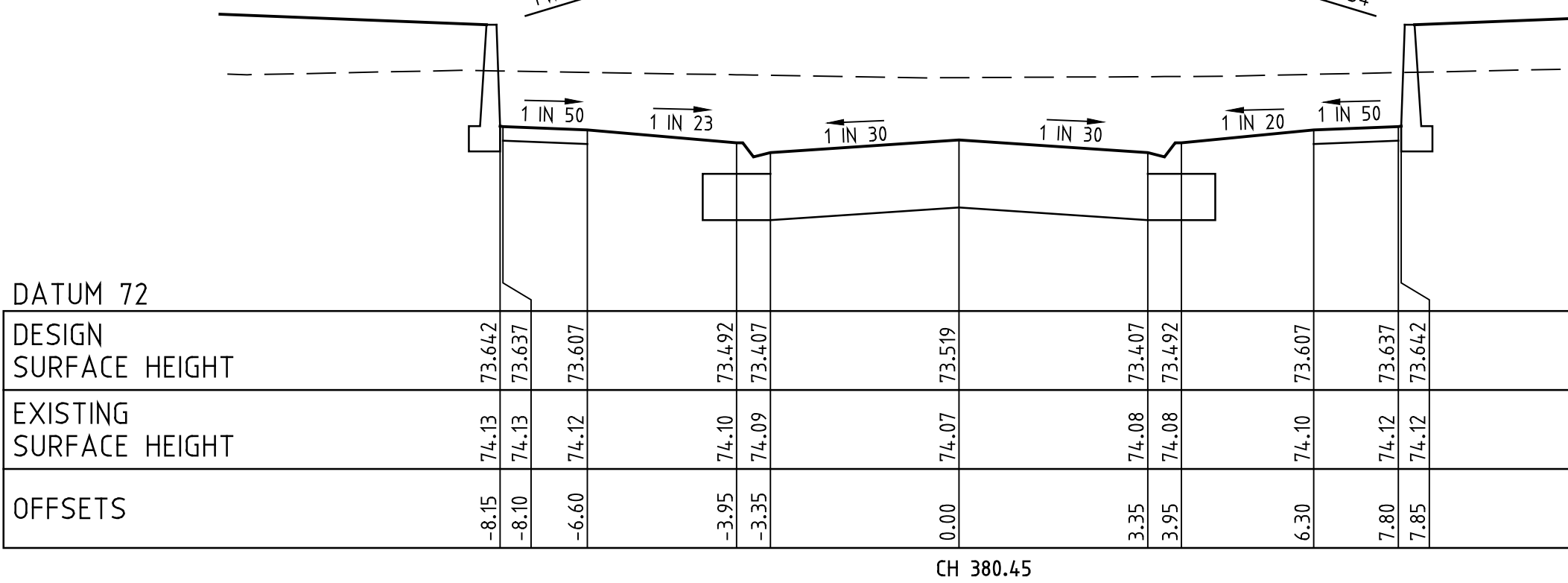
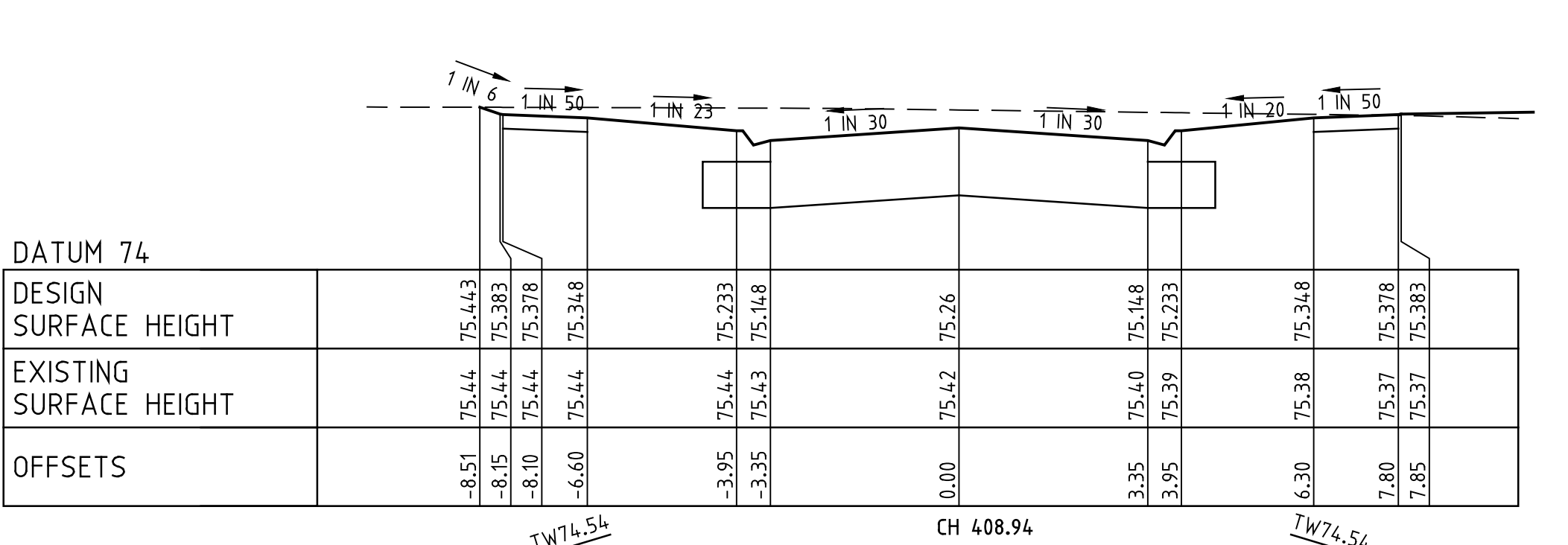
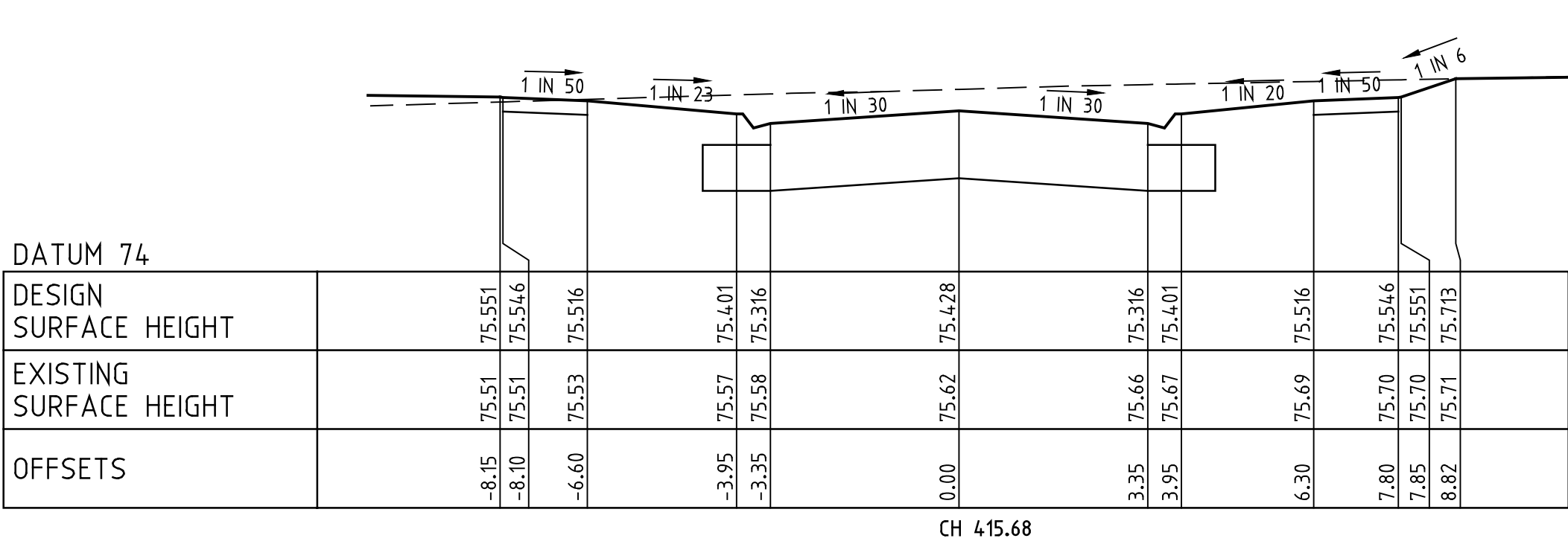
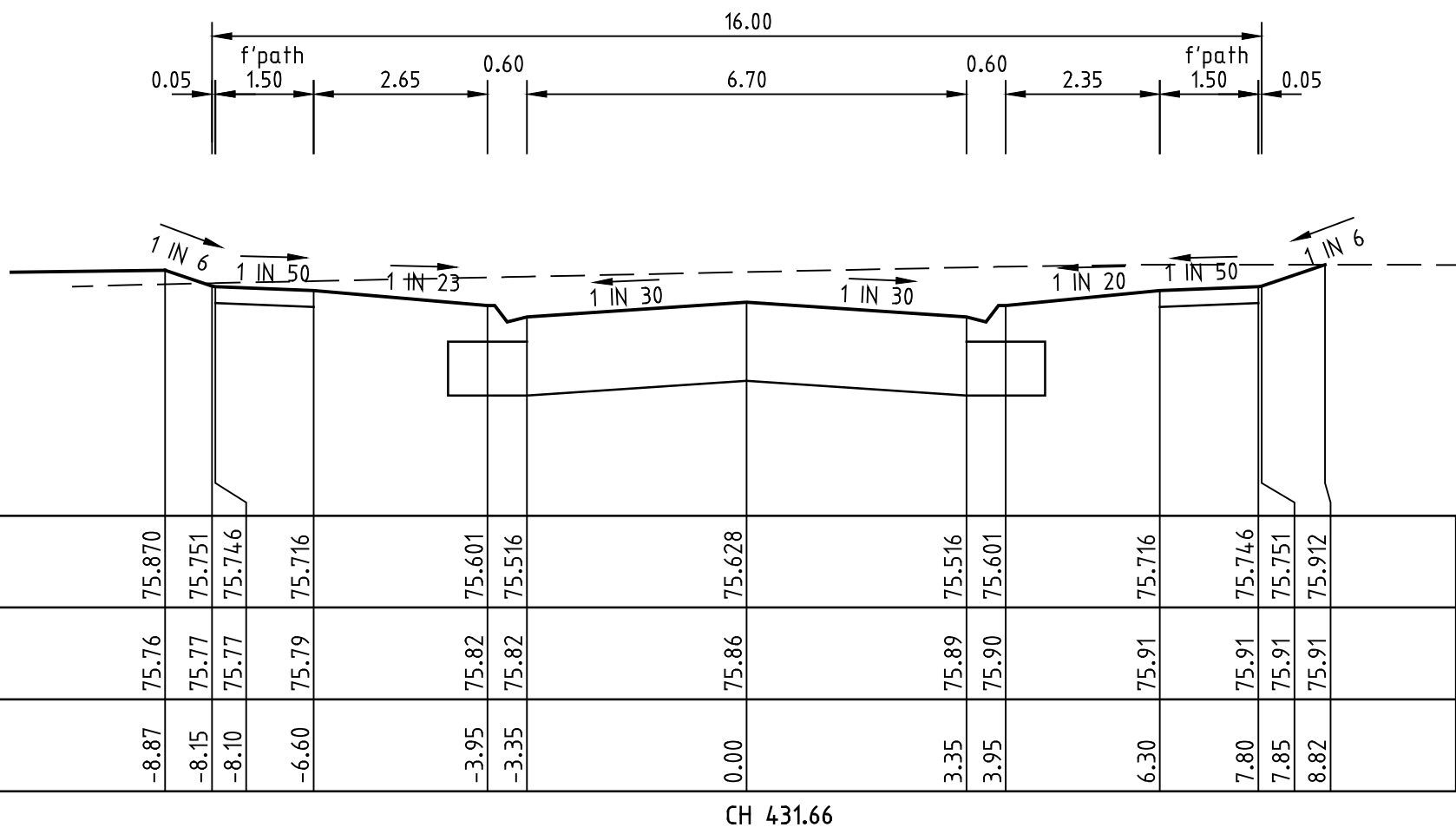
DRAWN: J.BEVERIDGE
DESIGNED: J.BEVERIDGE
CHECKED: L.PAPAZOIS
AUTHORISED: T.DAVOLI
DATE: 7/5/18

AUTHORITY: CITY OF MELTON
PROJECT: MODEINA STAGE 24
ROADS AND DRAINAGE
DETAILS: MONTMARTE BOULEVARD - CROSS SECTIONS

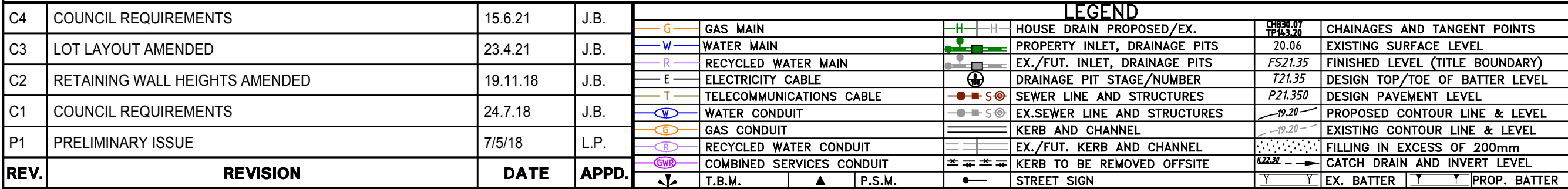
SCALE 1:100H, 1:50V
LEVEL DATUM AHD
SHEET 8 OF 16
DRAWING No. 1275/24/NE/8
REV. C4



ROAD CROSS SECTIONS TULLA CIRCUIT (Sh. 1 of 2)
SCALES HOR 1 : 100 VER 1 : 50



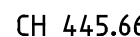
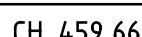
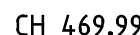
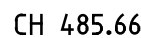
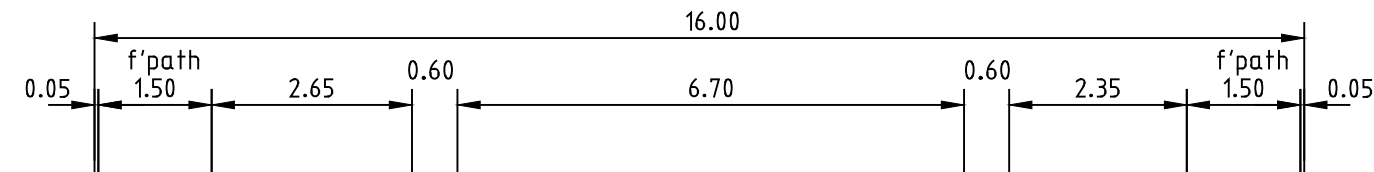
FOR CONSTRUCTION

REV.	REVISION	DATE	APPD.	LEGEND
C4	COUNCIL REQUIREMENTS	15.6.21	J.B.	
C3	LOT LAYOUT AMENDED	23.4.21	J.B.	
C2	RETAINING WALL HEIGHTS AMENDED	19.11.18	J.B.	
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.	
P1	PRELIMINARY ISSUE	7/5/18	L.P.	

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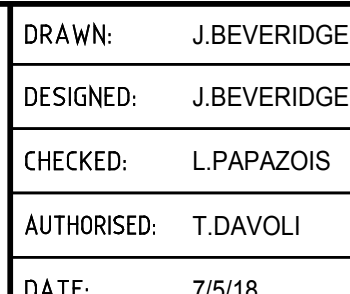
**Consulting Group**

DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE 1:100H, 1:50V
DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 24 ROADS AND DRAINAGE	LEVEL DATUM AHD
CHECKED: L.PAPAZOIS	DETAILS: TULLA CIRCUIT - CROSS SECTIONS - SHEET 1 OF 2	SHEET 10 OF 16
AUTHORISED: T.DAVOLI	DATE: 7/5/18	DRAWING No. 1275/24/NE/10
		REV. C4



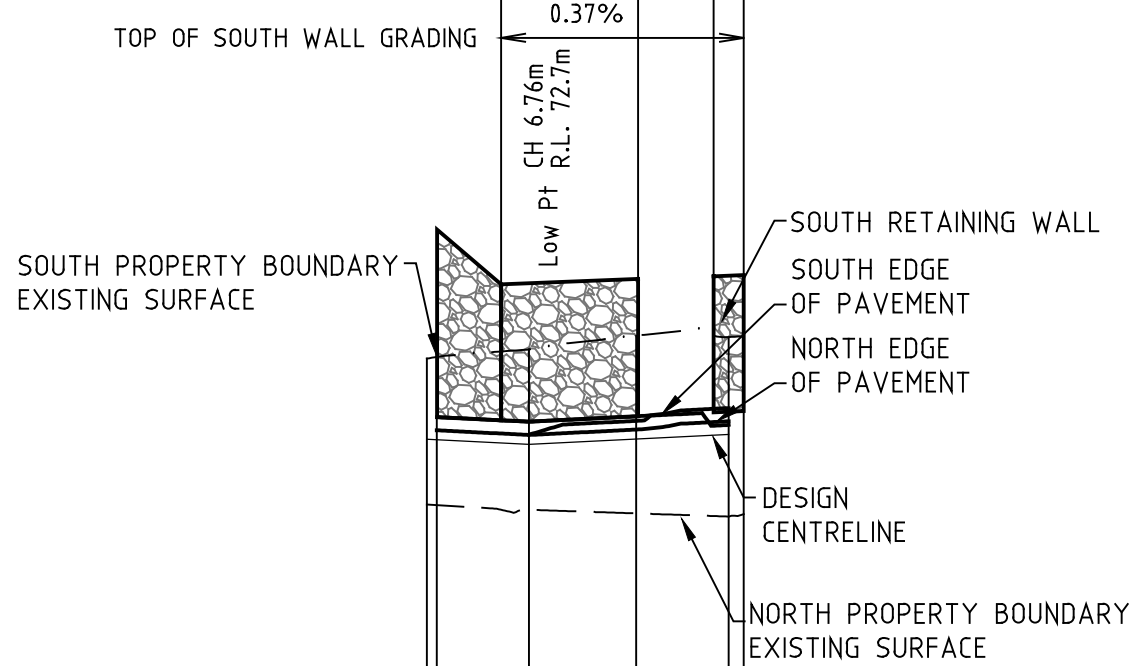
SCALES HOR 1 : 100 VER 1 : 50

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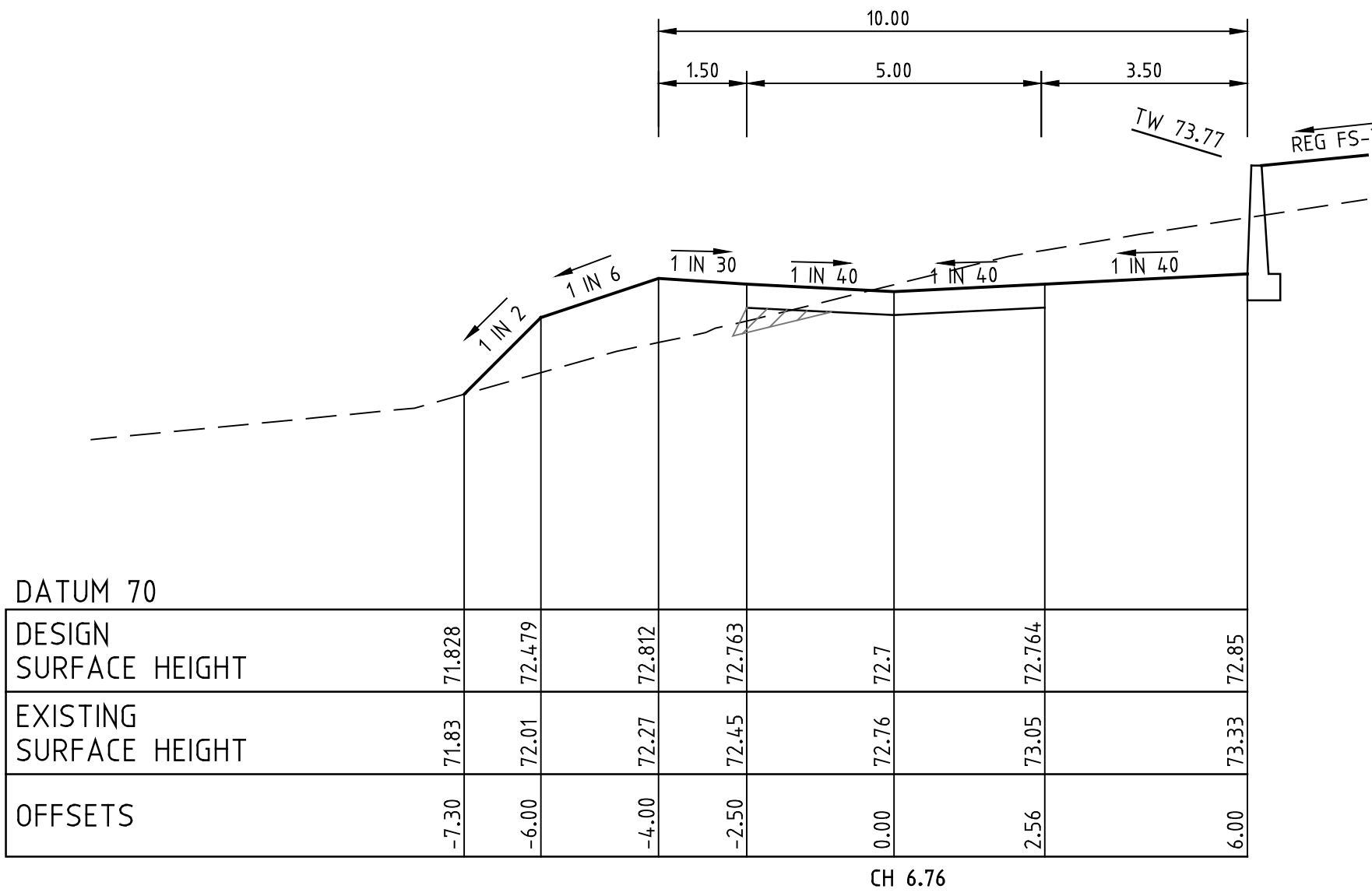
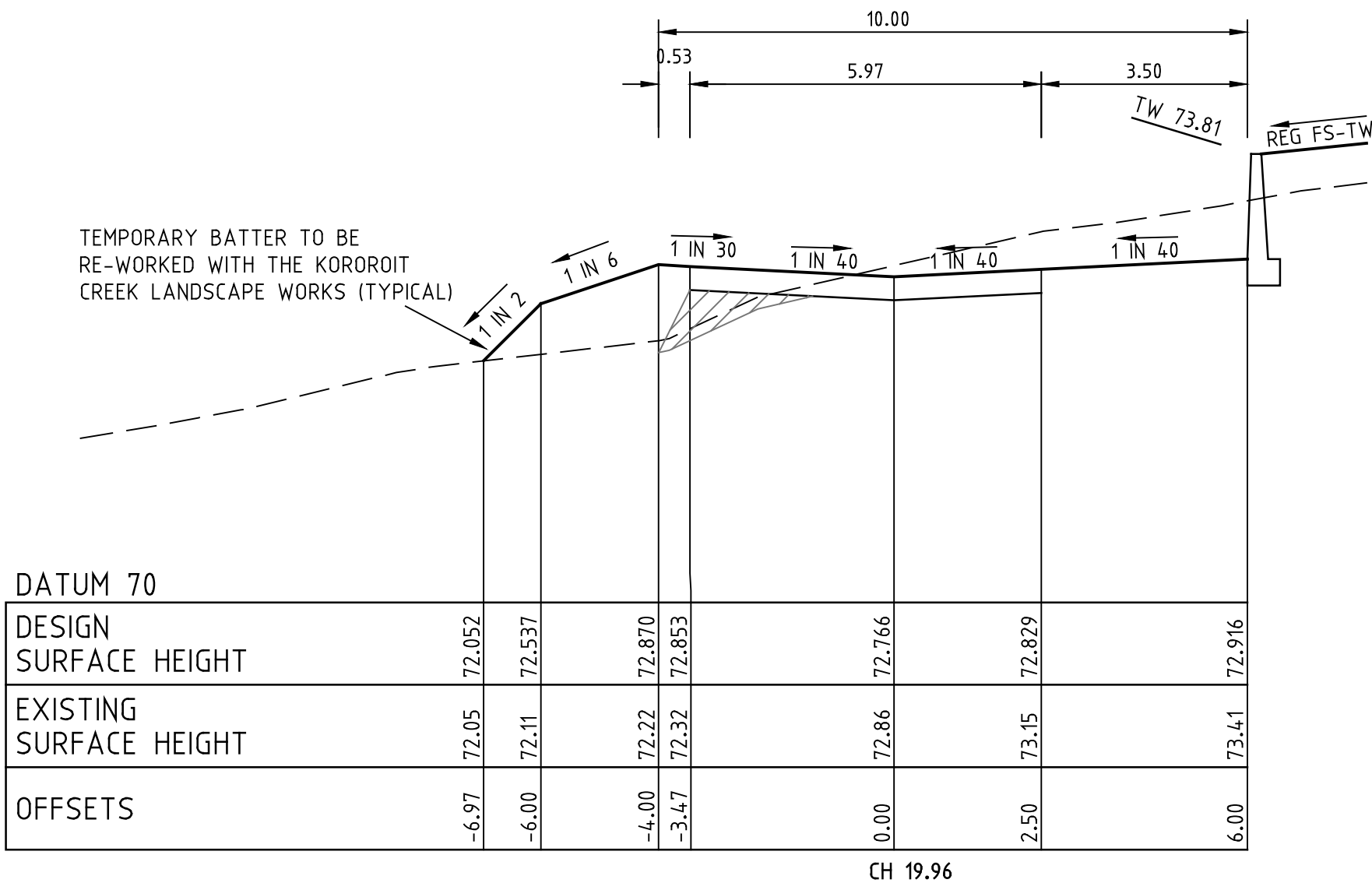
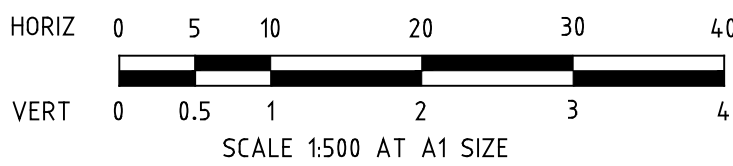
SCALE 1:100H, 1:50V	
LEVEL DATUM AHD	
SHEET 11 OF 16	
DRAWING No. 1275/24/NE/11	REV. C4

TOP OF RETAINING WALL SOUTH	73.76		73.79	73.81
CHAINAGE	4.91	13.96	18.96	20.96



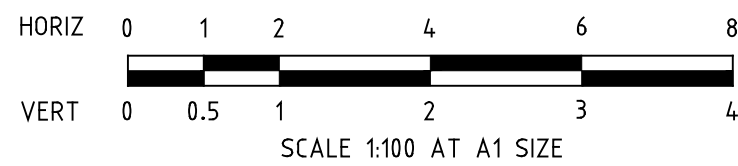
ROAD LONGITUDINAL SECTION OASIS PLACE

SCALES HOR 1 : 500 VER 1 : 50



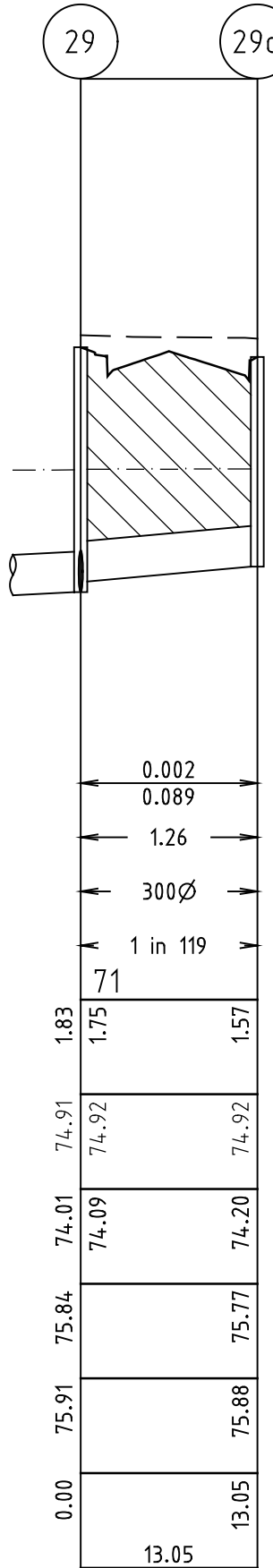
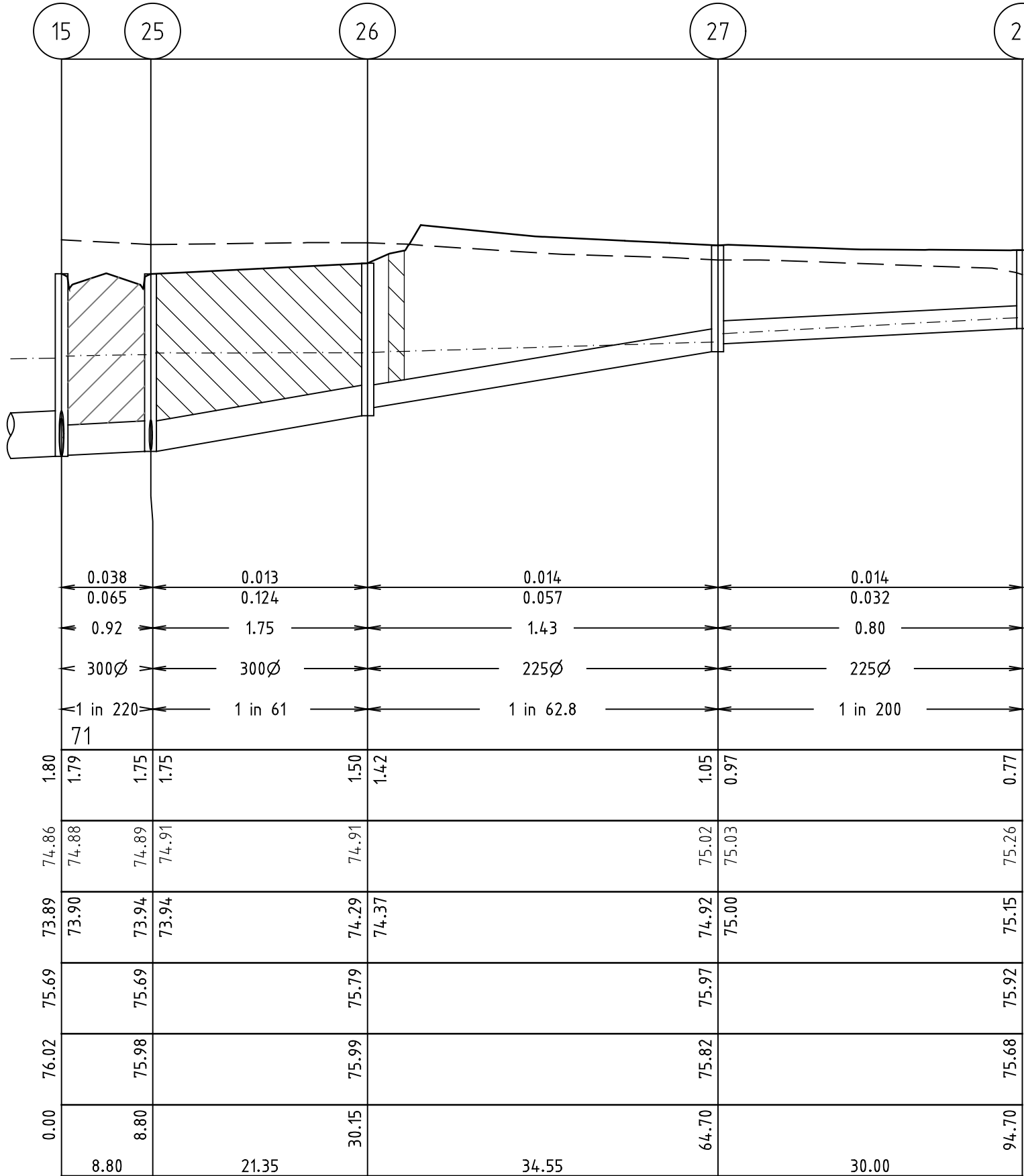
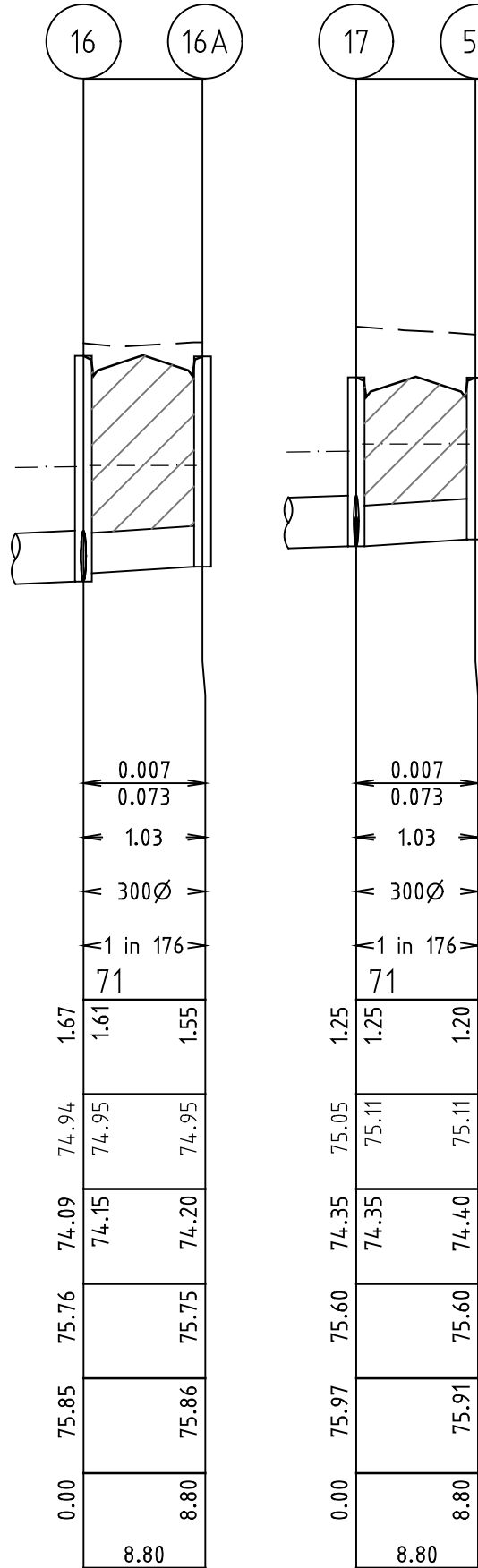
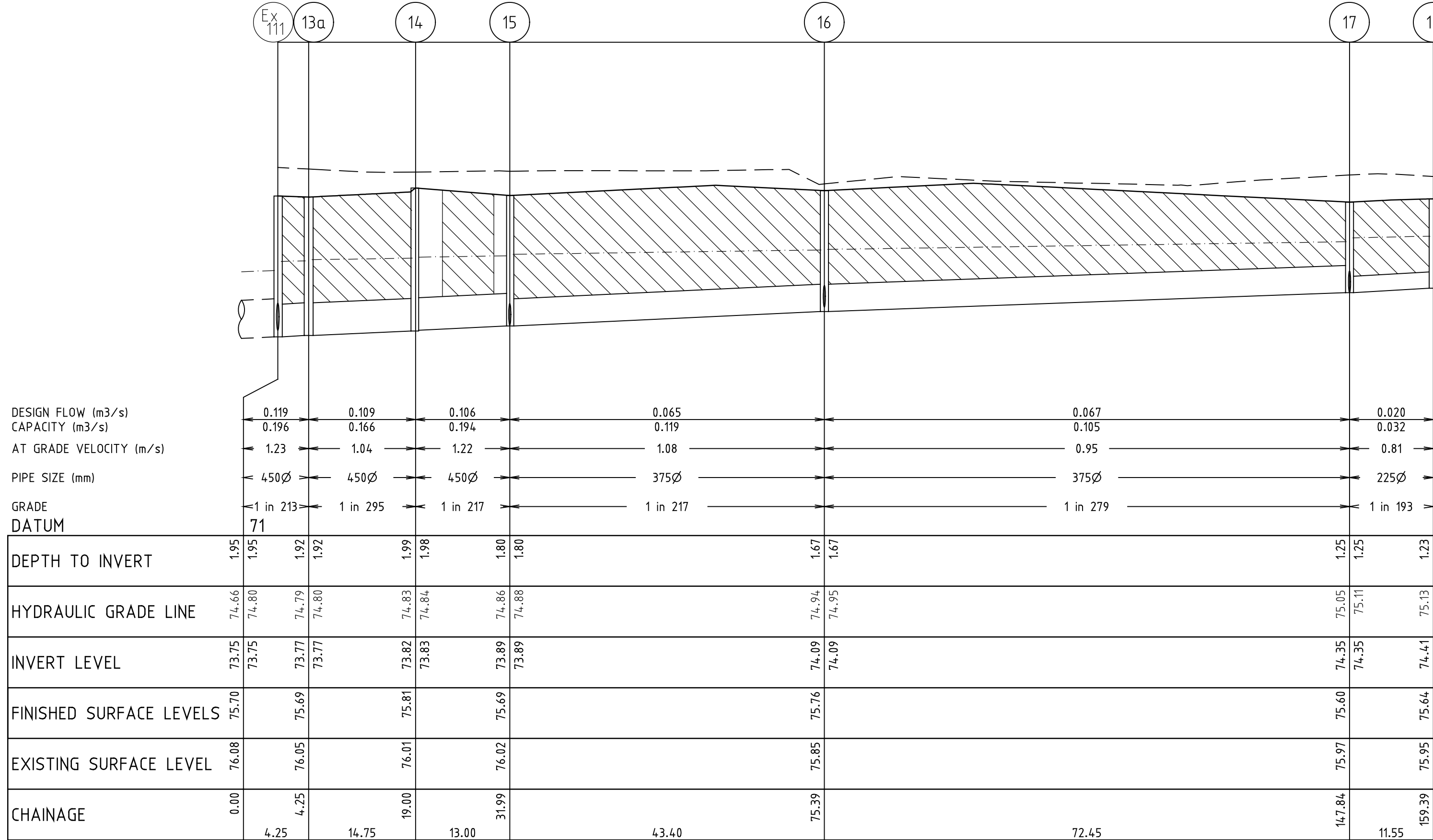
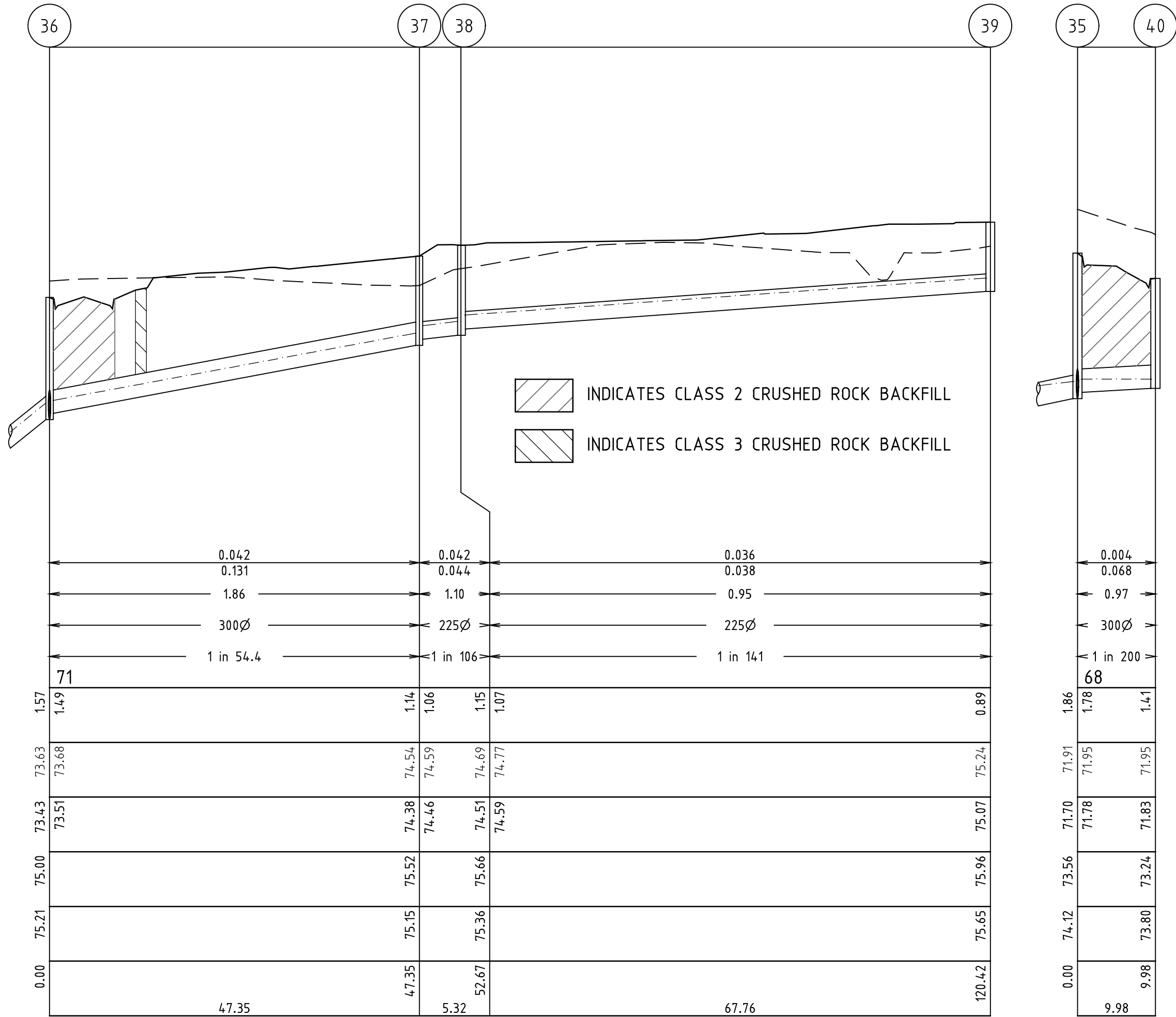
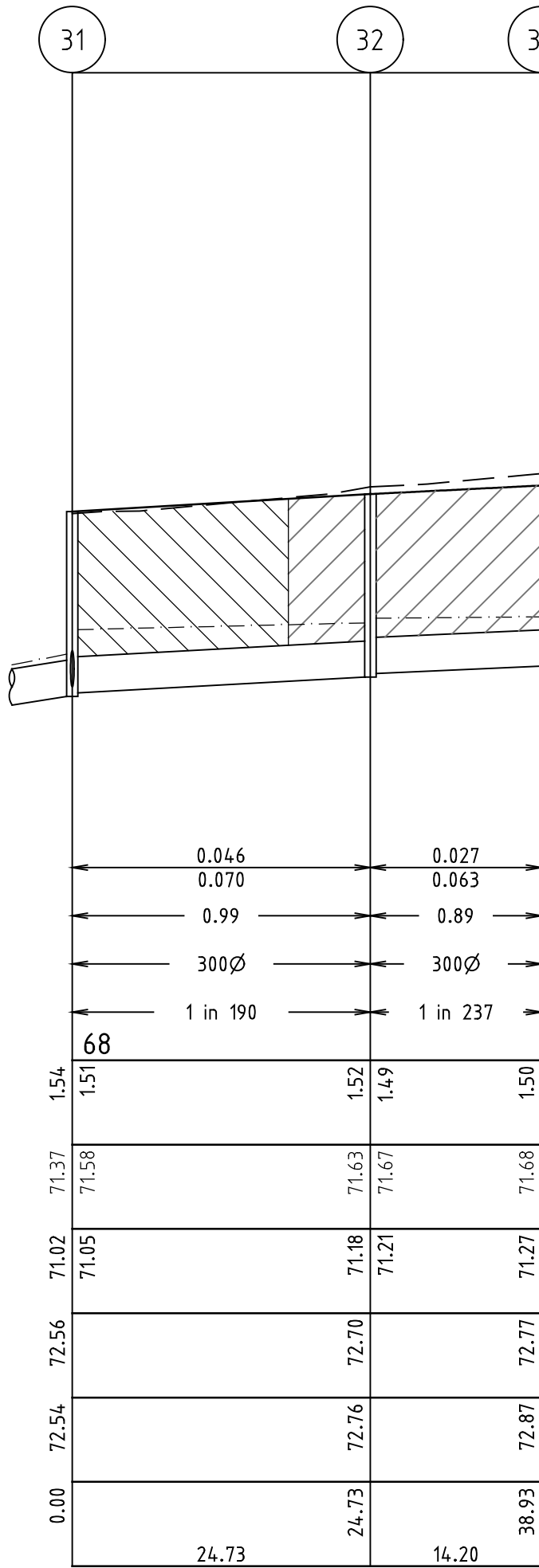
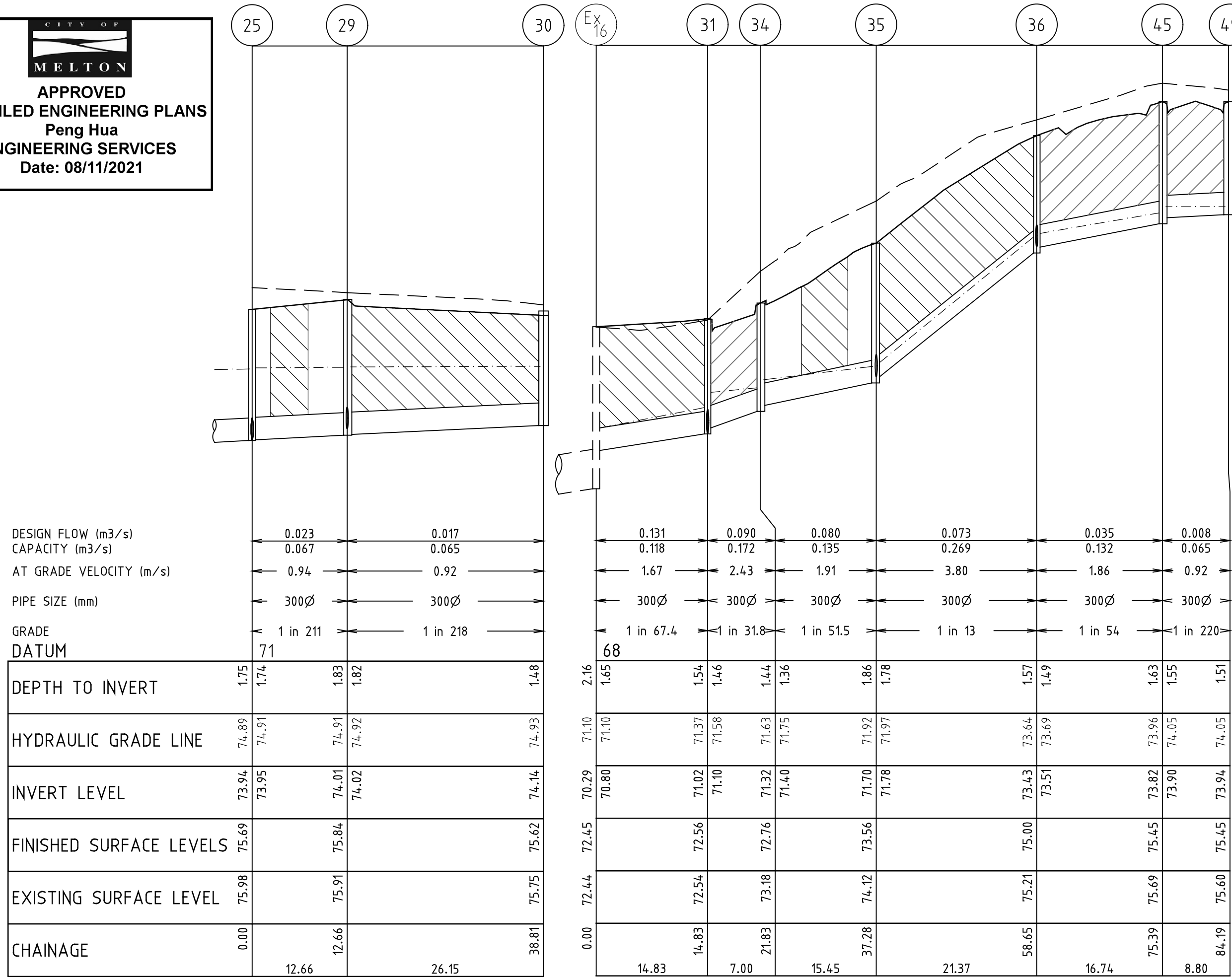
ROAD CROSS SECTIONS OASIS PLACE

SCALES HOR 1 : 100 VER 1 : 50



FOR CONSTRUCTION

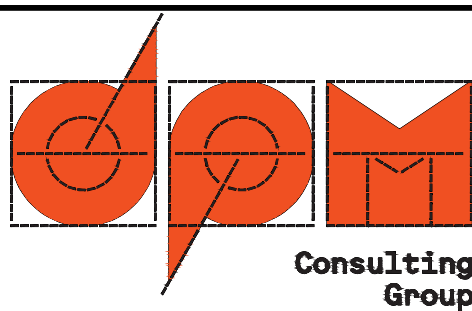
				LEGEND						DRAWN: J.BEVERIDGE		AUTHORITY: CITY OF MELTON		SCALE AS SHOWN					
C3	LOT LAYOUT AMENDED	23.4.21	J.B.	GAS MAIN WATER MAIN RECYCLED WATER MAIN ELECTRICITY CABLE TELECOMMUNICATIONS CABLE WATER CONDUIT GAS CONDUIT RECYCLED WATER CONDUIT COMBINED SERVICES CONDUIT T.B.M. P.S.M.				HOUSE DRAIN PROPOSED/EX. PROPERTY INLET, DRAINAGE PITS EX./FUT. INLET, DRAINAGE PITS DRAINAGE PIT STAGE/NUMBER SEWER LINE AND STRUCTURES EX./FUT. KERB AND CHANNEL EX./FUT. KERB AND CHANNEL KERB TO BE REMOVED OFFSITE STREET SIGN				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		DESIGNED: J.BEVERIDGE		PROJECT: MODEINA STAGE 24		LEVEL DATUM AHD	
C2	RETAINING WALL HEIGHTS AMENDED	19.11.18	J.B.									CHECKED: L.PAPAZOIS		SHEET 12 OF 16		REV.			
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.									AUTHORISED: T.DAVOLI		DETAILS: OASIS PLACE - LONGITUDINAL & CROSS SECTIONS		DRAWING No.			
P1	PRELIMINARY ISSUE	7/5/18	L.P.									DATE: 7/5/18		-----		1275/24/NE/12			



FOR CONSTRUCTION

C3	MINOR AMENDMENTS	7.9.21	J.B.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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W: www.dpmvic.com.au
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DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE: 1:500H, 1:50V
DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 24	LEVEL DATUM: AHD
CHECKED: L.PAPAZOIS	ROADS AND DRAINAGE	SHEET 13 OF 16
AUTHORISED: T.DAVOLI	DETAILS: DRAINAGE LONGITUDINAL SECTIONS	DRAWING No. 1275/24/NE/13
DATE: 7/5/18	----	REV. C3

PIT SCHEDULE											
PIT No.	TYPE	INTERNAL		INLET		OUTLET		F.S.L.	PIT DEPTH	REMARKS	
		WID.	LEN.	DIA.	INV R.L.	DIA.	INV R.L.				
Pr111	PrGSEP	900	600	Pr375 450	73.75 73.75	Pr525	73.75	75.70	1.95	Break into proposed pit & reinstate to council satisfaction.	
13a	GSEP	600	900	450	73.77	450	73.77	75.69	1.92	Refer EDCM 601.	
14	GSEP	750	900	450	73.83	450	73.82	75.81	1.99	Refer EDCM 601 & 607. Shaft to be 600mm x 900mm.	
15	GSEP	900	600	375 300	73.89 73.90	450	73.89	75.69	1.80	Refer EDCM 603.	
16	GSEP	600	900	375	74.09	375	74.09	75.76	1.67	Refer EDCM 603.	
17	GSEP	600	900	225 300	74.35 74.46	375	74.35	75.60	1.25	Refer EDCM 603.	
18	JP	600	900	-	-	225	74.41	75.64	1.23	Refer EDCM 605.	
16a	GSEP	900	600	-	-	300	74.20	75.75	1.55	Refer EDCM 603.	
50	GSEP	900	600	-	-	300	74.40	75.60	1.20	Refer EDCM 603.	
25	GSEP	900	600	300	73.94 73.95	300	73.94	75.69	1.75	Refer EDCM 603.	
26	JP	600	900	225	74.37	300	74.29	75.79	1.50	Refer EDCM 605.	
27	JP	600	900	225	75.00	225	74.92	75.97	1.50	Refer EDCM 605.	
28	JP	600	900	-	-	225	75.15	75.92	0.77	Refer EDCM 605.	
29	JP	600	900	300 300	74.09 74.02	300	74.01	75.84	1.83	Refer EDCM 605.	
29a	GSEP	600	900	-	-	300	74.20	75.77	1.57	Refer EDCM 601.	
30	GSEP	600	900	-	-	300	74.14	75.62	1.48	Refer EDCM 601.	
Ex16	ExJP	900	600	Ex525 300	70.38 70.80	Ex525	70.29	72.45	2.16	Connect to stub in existing pit. Adjust cover level to RL72.45	
31	GSEP	600	900	300 300	71.10 71.05	300	71.02	72.56	1.54	Refer EDCM 603.	
34	GSEP	900	600	300	71.40	300	71.32	72.76	1.44	Refer EDCM 603.	
35	GSEP	600	900	300 300	71.78 71.78	300	71.70	73.56	1.86	Refer EDCM 603.	
36	JP	600	900	300 300	73.51 73.51	300	73.43	75.00	1.57	Refer EDCM 605.	
45	GSEP	600	900	300	73.90	300	73.82	75.45	1.63	Refer EDCM 603.	
49	GSEP	900	600	-	-	300	73.94	75.45	1.51	Refer EDCM 603.	
32	JP	600	900	300	71.21	300	71.18	72.70	1.52	Refer EDCM 605. Provide H.D. gatic grated cover.	
33	EP	-	-	-	-	300	71.27	72.77	1.50	Provide blank end.	
37	JP	600	900	225	74.46	300	74.38	75.52	1.14	Refer EDCM 605.	
38	JP	600	900	225	74.59	225	74.51	75.66	1.15	Refer EDCM 605.	
39	JP	600	900	-	-	225	75.07	75.96	0.89	Refer EDCM 605.	
40	GSEP	900	600	-	-	300	71.83	73.24	1.41	Refer EDCM 603.	

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

 INDICATES CLASS 2 CRUSHED ROCK BACKFILL

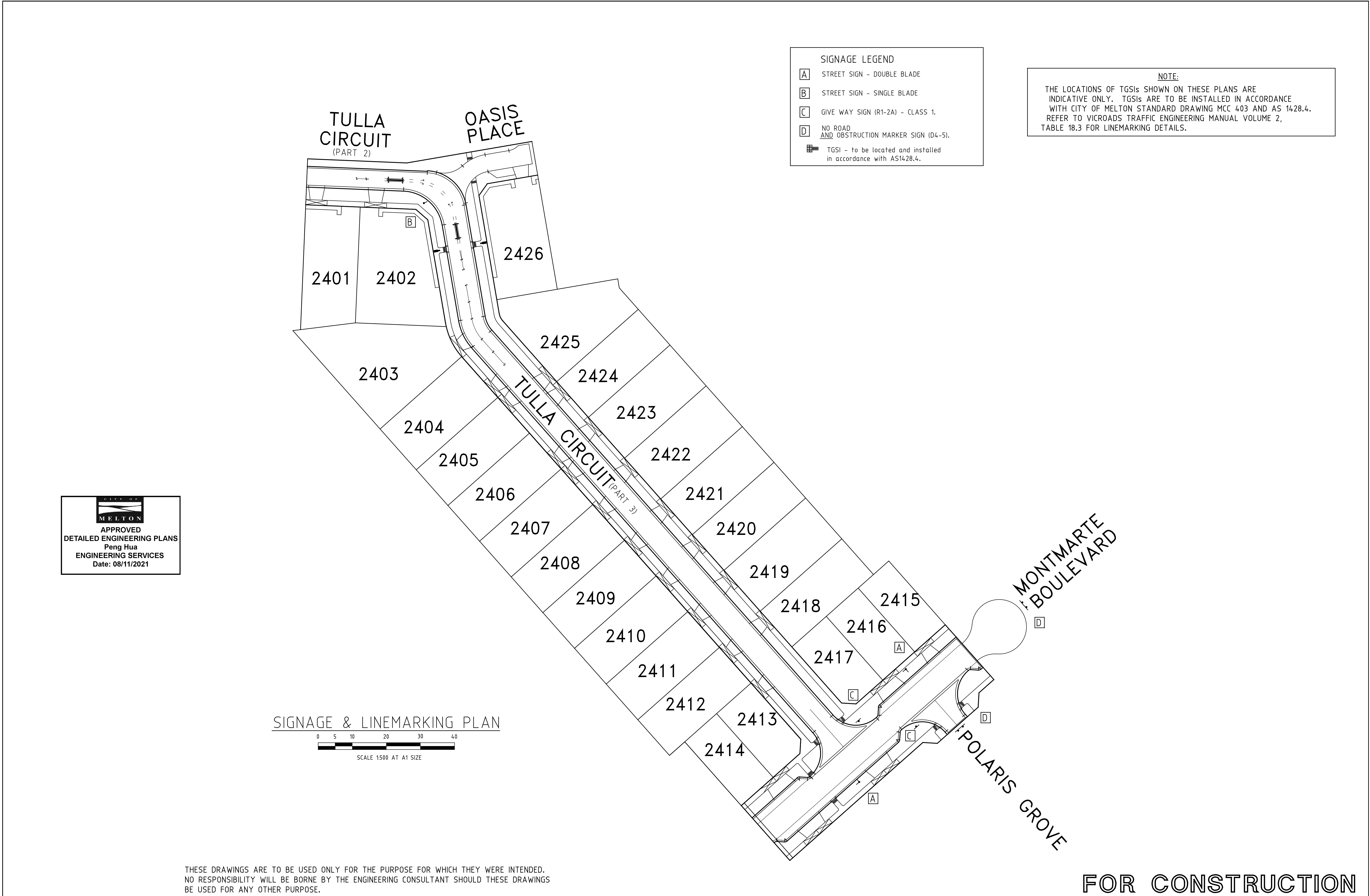
 INDICATES CLASS 3 CRUSHED ROCK BACKFILL



APPROVED
DETAILED ENGINEERING PLANS
Peng Hua
ENGINEERING SERVICES
Date: 08/11/2021

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				DRAWN: J.BEVERIDGE	AUTHORITY: CITY OF MELTON	SCALE NOT TO SCALE
C3	MINOR AMENDMENTS	7.9.21	J.B.	 GAS MAIN	 HOUSE DRAIN PROPOSED/EX.	 CHAINAGES AND TANGENT POINTS						DESIGNED: J.BEVERIDGE	PROJECT: MODEINA STAGE 24 ROADS AND DRAINAGE	LEVEL DATUM AHD
C2	LOT LAYOUT AMENDED	23.4.21	J.B.	 WATER MAIN	 PROPERTY INLET, DRAINAGE PITS	 EXISTING SURFACE LEVEL						CHECKED: L.PAPAZOIS		SHEET 14 OF 16
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.	 RECYCLED WATER MAIN	 EX./FUT. INLET, DRAINAGE PITS	 FINISHED LEVEL (TITLE BOUNDARY)						AUTHORISED: T.DAVOLI	DETAILS: PIT SCHEDULE	DRAWING No. 1275/24/NE/14
P1	PRELIMINARY ISSUE	7/5/18	L.P.	 ELECTRICITY CABLE	 DRAINAGE PIT STAGE/NUMBER	 DESIGN TOP/TOE OF BATTER LEVEL						DATE: 7/5/18	----	REV. C3
				 TELECOMMUNICATIONS CABLE	 SEWER LINE AND STRUCTURES	 DESIGN PAVEMENT LEVEL								
				 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								
				T.B.M.	P.S.M.	STREET SIGN								



SIGNAGE LEGEND

A

STREET SIGN - DOUBLE BLADE

B

STREET SIGN - SINGLE BLADE

C

GIVE WAY SIGN (R1-2A) - CLASS 1.

D

NO ROAD AND OBSTRUCTION MARKER SIGN (D4-5).

TGSI - to be located and installed in accordance with AS1428.4.

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.

APPROVED
DETAILED ENGINEERING PLANS
Peng Hua
ENGINEERING SERVICES
Date: 08/11/2021

SIGNAGE & LINEMARKING PLAN

0510203040

SCALE 1:500 AT A1 SIZE

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.

FOR CONSTRUCTION

C4	MINOR AMENDMENTS	7.9.21	J.B.											SCALE 1:500	
C3	COUNCIL REQUIREMENTS	15.6.21	J.B.											LEVEL DATUM AHD	
C2	LOT LAYOUT AMENDED	23.4.21	J.B.											SHEET 15 OF 16	
C1	COUNCIL REQUIREMENTS	24.7.18	J.B.											DRAWING No.	
P1	PRELIMINARY ISSUE	7/5/18	L.P.											1275/24/NE/15	
REV.	REVISION	DATE	APPD.											REV.	
														C4	

G

GAS MAIN

W

WATER MAIN

R

RECYCLED WATER MAIN

E

ELECTRICITY CABLE

T

TELECOMMUNICATIONS CABLE

C

WATER CONDUIT

G

GAS CONDUIT

W

RECYCLED WATER CONDUIT

C

COMBINED SERVICES CONDUIT

T.B.M.

T.B.M.

P.S.M.

P.S.M.

H

HOUSE DRAIN PROPOSED/EX.

P

PROPERTY INLET, DRAINAGE PITS

S

EX./FUT. INLET, DRAINAGE PITS

P

DRAINAGE PIT STAGE/NUMBER

S

SEWER LINE AND STRUCTURES

S

EX. SEWER LINE AND STRUCTURES

K

KERB AND CHANNEL

K

EX./FUT. KERB AND CHANNEL

K

KERB TO BE REMOVED OFFSITE

S

STREET SIGN

C

CHAINAGES AND TANGENT POINTS

S

EXISTING SURFACE LEVEL

F

FINISHED LEVEL (TITLE BOUNDARY)

D

DESIGN TOP/TOE OF BATTER LEVEL

P

DESIGN PAVEMENT LEVEL

C

PROPOSED CONTOUR LINE & LEVEL

E

EXISTING CONTOUR LINE & LEVEL

F

FILLING IN EXCESS OF 200mm

C

CATCH DRAIN AND INVERT LEVEL

EX. BATTER

EX. BATTER

PROP. BATTER

PROP. BATTER

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DATE: 7/5/18

AUTHORITY: CITY OF MELTON
PROJECT: MODEINA STAGE 24
ROADS AND DRAINAGE
DETAILS: SIGNAGE & LINEMARKING PLAN

