

# CIVIL WORKS

## CITY OF WHITTLESEA

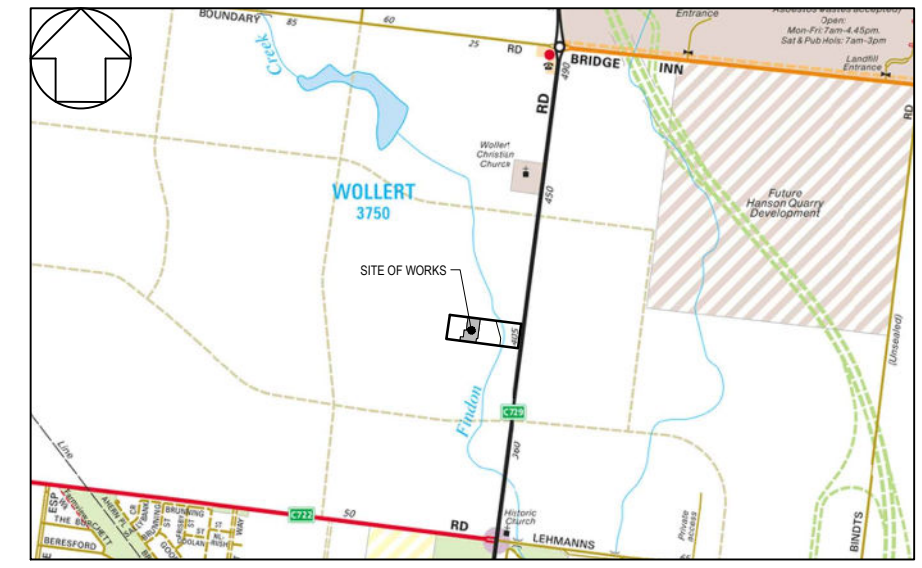
405 EPPING ROAD, WOLLERT VIC 3750

STAGE 2

**GENERAL NOTES**

- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH EDM GUIDELINES, WHITTLESEA CITY COUNCIL SPECIFICATIONS AND STANDARD DRAWINGS. WORKS SHALL BE CARRIED OUT TO THE SATISFACTION OF THE SUPERINTENDENT OR HIS/HIS REPRESENTATIVE.
- THE COUNCIL AND ALL SERVICE AUTHORITIES SHOULD BE NOTIFIED BY THE CONTRACTOR, IN WRITING, SEVEN DAYS PRIOR TO COMMENCEMENT OF THE WORKS. ALL EXISTING SERVICES IN THE VICINITY OF THE WORKS ARE TO BE LOCATED PRIOR TO COMMENCEMENT.
- THE CONTRACTOR SHALL ENSURE THAT NO POLLUTANT OR SEDIMENT LADEN RUNOFF IS DISCHARGED DIRECTLY OR INDIRECTLY INTO ANY DRAINS OR WATER COURSES AND THAT WORKS CONFORM TO THE ENVIRONMENTAL MANAGEMENT PLAN.
- RUNOFF FROM AREAS ON WHICH EARTHWORKS ARE CARRIED OUT MUST BE COLLECTED AND TREATED TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY BY THE USE OF OPEN DRAINS, FILTRATION TRAPS AND RETARDING BASINS IN THE PERIOD BETWEEN THE COMMENCEMENT OF CONSTRUCTION WORKS AND THE END OF THE MAINTENANCE PERIOD IN ACCORDANCE WITH THE ENVIRONMENT MANAGEMENT PLAN FOR THE SUBDIVISIONAL CONSTRUCTION WORKS.
- THE CONTRACTOR SHALL COMPLY WITH ALL OCCUPATIONAL HEALTH AND SAFETY PROCEDURES AND REQUIREMENTS.
- AT LEAST 3 DAYS BEFORE COMMENCING EXCAVATION OF TRENCHES IN EXCESS OF 1.5m DEPTH, A COMPLETED "NOTICE OF INTENTION TO COMMENCE TRENCHING OPERATIONS" FORM SHALL BE SENT TO WORKSAFE VICTORIA. THE NOMINATED SUPERVISOR SHALL BE SUITABLY QUALIFIED IN ACCORDANCE WITH THE VICTORIAN OHS ACT 2004 & WORK HEALTH & SAFETY (EXCAVATION WORK) CODE OF PRACTICE 2015 AND VICTORIAN COMPLIANCE CODE FOR EXCAVATION.
- THE CONTRACTOR SHALL ERECT AND MAINTAIN ALL SHORING, PLANKING AND STRUTTING, DEWATERING DEVICES, BARRICADES, SIGNS, LIGHTS, ETC., NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION AND FOR THE PROTECTION OF THE PUBLIC.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS APPROVAL IS GIVEN BY COUNCIL'S LANDSCAPE OFFICER OR REMOVAL HAS BEEN GRANTED IN A PLANNING PERMIT.
- DISPOSAL OF EXCESS SPOIL-, TRUCK ROUTE AND DISPOSAL LOCATION SHALL BE APPROVED BY THE SUPERINTENDENT.
- ALL AREAS SHOWN ON THE DRAWINGS TO BE CUT OR FILLED ARE TO BE STRIPPED OF TOPSOIL TO A DEPTH AS SPECIFIED IN GEOTECHNICAL REPORT PREPARED BY GEOTESTA G6550-19. UPON COMPLETION OF THE BULK EARTHWORKS, THE TOPSOIL IS TO BE SPREAD TO A DEPTH OF 100mm OVER THE AREA AND GRADED TO FINISHED LEVELS SHOWN ON THE DRAWINGS AND TO THE SATISFACTION OF THE SUPERINTENDENT. ALL FILLING ON LOTS IN EXCESS OF 300mm IS TO BE CARRIED OUT IN ACCORDANCE WITH A.S. 3798 2007 APPENDIX B, SECTION B2(A) 'LEVEL 1'. AT COMPLETION, THE CONTRACTOR SHALL PRESENT A SOIL REPORT FROM A N.A.T.A TESTING AUTHORITY, NOMINATING THE EXTENT OF FILL AND ITS CONFORMANCE WITH THE SPECIFICATION. FILLING TO BE CARRIED OUT USING APPROVED MATERIAL. TOPSOIL AND ALL VEGETABLE MATERIAL TO BE STRIPPED FROM FILL SITE PRIOR TO ANY PLACEMENT OF MATERIAL. ALL FILLING IS TO BE COMPACTED IN 150mm. MAX. DEPTH LAYERS TO 95% OF AS1289.5.1.1 (STANDARD COMPACTION) 2003.
- ALL STORMWATER DRAINS ARE TO BE CLASS '2' RC OR FRC PIPES UNLESS OTHERWISE SHOWN. ALL RC PIPES UP TO AND INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED, INTERLOCKING / FLUSH JOINTS WITH EXTERNAL BANDS MAY BE USED ON PIPES OVER 750mm DIA. WITH APPROVAL FROM WHITTLESEA CITY COUNCIL.
- TELECOMM. CONDUITS AND CABLE DUCTS WILL BE LAID IN TRENCHES EXCAVATED AND BACKFILLED BY THE CONTRACTOR. THE CONTRACTOR SHALL GIVE THE TELECOMM. AUTHORITY AREA ENGINEER 7 DAYS NOTICE PRIOR TO COMMENCING WORK.
- 100mm DIAMETER AGRICULTURAL DRAINS TO BE CONSTRUCTED BEHIND ALL KERB AND CHANNEL IN ACCORDANCE WITH EDM FIGURE 202 AND LAID BELOW SUBBASE OF ROAD PAVEMENT WITH CLEARANCE TO ALL SERVICE CONDUITS.
- WHERE DRAINAGE PIPES ARE LAID ON A CURVE THE BUILDING LINE IS TO BE PEGGED AT 15m INTERVALS.
- THE REINSTATEMENT AND COMPACTION OF SERVICE AUTHORITY TRENCHES SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL P.S.M.s SHALL BE HIGH STABILITY TYPE AND LEVELLED BY A LICENSED SURVEYOR AND THE P.S.M. DATA SHALL BE FORWARDED TO COUNCIL.
- ALL CONDUIT ENDS SHALL BE PLUGGED WITH DRAW WIRE AS APPROPRIATE.
- ALL DRAINAGE TRENCHES WITHIN 5.0m OF ANY TREE TO BE RETAINED SHALL BE THRUST BORED OR HAND DUG.
- FILL MATERIAL UNDER ROAD PAVEMENT SHALL BE APPROVED MATERIAL AND CONSTRUCTED IN LAYERS OF 150mm THICKNESS WITH COMPACTION ACHIEVING 98% (STANDARD COMPACTION) AT A MOISTURE RATIO OF 90% TO 110% OF AS1289.5.1.1 2003.
- ALL LINEMARKING AND SIGNAGE SHALL BE IN ACCORDANCE WITH AS1742.1 2014 AND AS1742.2 2009. LONG LIFE PAINT SHALL BE USED FOR LINEMARKING.
- ALL ELECTRICITY CONDUITS ARE TO BE A MINIMUM 63mm DIAMETER. ALL TELSTRA CONDUITS ARE TO BE A MINIMUM 100mm DIAMETER. REFER TO ELECTRICAL AND TELECOMMUNICATION PLANS FOR DETAILS.
- THE CONTRACTOR SHALL NOTE THE EXISTENCE OF TELECOMMUNICATIONS, GAS POWER, WATER AND ANY OTHER SERVICES IN THE AREA PRIOR TO TENDERING / CONSTRUCTION.
- ANY DISTURBANCE TO EXISTING INFRASTRUCTURE DUE TO CONSTRUCTION WORKS SHALL BE RECTIFIED AT THE CONTRACTOR'S EXPENSE.
- ALL NATURE STRIPS AND BATTERS SHALL BE COVERED WITH 100mm MIN. DEPTH TOPSOIL AND SEEDED WITH AN APPROVED SEED AND FERTILIZER MIXTURE AS PER EDM GUIDELINES.
- CONDUITS UNDER FOOTPATHS TO BE 450mm DEEP EXTENDING 250mm EITHER SIDE OF THE PATH THE FOOTPATH ABOVE THE CONDUITS SHALL BE MARKED WITH TWO CONTRACTION JOINTS OVER THE CONDUITS 400mm APART.
  - CONDUITS SHALL BE REFERENCED ON BOTH FOOTPATH AND KERB & CHANNEL.
  - CONDUITS INSTALLED UNDER ROAD PAVEMENTS SHALL EXTEND 1 METRE INSIDE THE ALLOTMENTS WHERE FOOTPATH IS PROPOSED.
  - GAS TO BE 50mm DIA. CLASS 12 PVC & WATER CONDUIT TO BE DN100 SINGLE CONDUIT CONTAINING BOTH DW & NDW SERVICES LAID IN ACCORDANCE WITH WSA 03-2011-3.1 AND DRAWING MRWA-W-202 & MRWA-W-10.
- UPON COMPLETION OF THE WORKS THE WHOLE SITE SHALL BE CLEANED AND ALL RUBBISH REMOVED, LOTS ARE TO BE GRADED EVENLY AND THE SITE LEFT IN A CLEAN AND TIDY CONDITION TO THE SATISFACTION OF THE SUPERINTENDENT.
- NO TOPSOIL SHALL BE REMOVED FROM THE SITE.
- INSPECTIONS SHALL BE ARRANGED A MINIMUM OF 24 HOURS BEFORE WITH COUNCIL'S ASSETS ENGINEER.
- STREET SIGNS SHALL BE MANUFACTURED IN ACCORDANCE WITH WHITTLESEA CITY COUNCIL STANDARDS INCLUDING LOGO AND TO COMPRISE TWO FINGER BOARDS.
- 24 HOURS NOTICE IS REQUIRED FOR INSPECTION AT THE FOLLOWING HOLD POINTS:
  - PRIOR TO COMMENCEMENT OF THE WORKS.
  - INSPECTION OF THE SUBGRADE.
  - INSPECTION DURING DRAINAGE WORKS.
  - INSPECTION PRIOR TO POURING OF PITS.
  - INSPECTION OF SUB SOIL DRAINAGE.
  - INSPECTION OF KERB AND CHANNEL BEDDING.
  - INSPECTION PRIOR TO ANY CONCRETE WORKS.
  - INSPECTION AND TESTING OF EACH PAVEMENT LAYER (BY DEVELOPER OR CONTRACTOR) PRIOR TO PLACING ANY SUBSEQUENT PAVEMENT LAYER. COMPACTION TEST RESULTS SHALL BE ISSUED TO COUNCIL.
  - INSPECTION PRIOR TO SEALING AND ASPHALT WORKS.
- COUNCIL WILL NOT ACCEPT ANY RESPONSIBILITY FOR WORKS WHERE AN INSPECTION IS NOT UNDERTAKEN WITH A COUNCIL APPOINTED REPRESENTATIVE.
- ALL DIMENSIONS ARE IN METRES AND RADII TO LIP OF KERB UNLESS OTHERWISE SHOWN.
- LEVELS ARE TO A.H.D. AND TAKEN FROM LEVEL PLANS BY TAYLORS DEVELOPMENT STRATEGISTS. SETOUT CO-ORDINATES ARE BASED ON MGA ZONE 55.
- PITS SHALL BE LOCATED USING OFFSETS AND CO-ORDINATES SHOWN ON DRAWINGS.
- ALL DRAINS BENEATH ROAD PAVEMENT, PATHS, DRIVEWAYS AND PARALLEL TO KERB SHALL BE BACKFILLED WITH 20mm CLASS 2 F.C.R. ALL BACKFILLING TO BE COMPACTED TO 98% OF AS1289.5.1.1 2003 (STANDARD COMPACTION). DRAINS BEHIND THE BACK OF KERB SHALL BE BACKFILLED USING SELECT FILL. COMPACTION OF THE DRAINAGE LINE SHALL BE 95% STANDARD COMPACTION TO AS1289.5.1.1 2003 AND ALL TEST RESULTS SHALL BE SUBMITTED TO COUNCIL.
- HOUSE DRAINS SHALL GENERALLY BE PLACED 5.5m FROM THE LOW CORNER OF THE LOT, AS PER STD DWG EDM 701 AND PROPERTY INLETS 1.0m FROM AND 0.6m BELOW THE LOW CORNER OF THE LOT, UNLESS OTHERWISE SHOWN.
- HOUSE NUMBERS TO BE STENCILED ON THE FACE OF KERB IN 100mm HIGH LETTERS.
- EXISTING OPEN CHANNELS TO BE EXCAVATED TO A FIRM BASE AND BACKFILLED IN ACCORDANCE WITH NOTE 10. CONSULTING ENGINEER TO BE NOTIFIED WHEN THE OPEN CHANNELS HAVE BEEN EXCAVATED TO A FIRM BASE. NO FILLING IS TO BE PLACED PRIOR TO BASE BEING INSPECTED AND LEVELS TAKEN. BACKFILLING IS TO BE CARRIED OUT TO THE SATISFACTION OF THE SUPERINTENDENT.
- ALL PAVEMENT MATERIALS ARE TO BE APPROVED BY WHITTLESEA CITY COUNCIL.
- ALL PAVEMENTS ARE TO BE TESTED FOR ADEQUATE COMPACTION AND APPROVED PRIOR TO CONTINUING WORKS.
- PRIOR TO THE ISSUE OF A STATEMENT OF COMPLIANCE, ALL NEWLY CONSTRUCTED ROADS, FOOTPATHS AND DRAINAGE ASSETS ARE TO BE RECORDED UNDER THE 'D-SPEC' & 'R-SPEC' SYSTEM AS SETOUT IN THE EDM GUIDELINES AND THE RESULTS PROVIDED TO WHITTLESEA CITY COUNCIL.
- NO FILL OR EXCAVATED MATERIAL FOR OR FROM THIS DEVELOPMENT IS TO BE CARTED/HAULED INTO OR FROM THE SITE, WITHOUT FIRST OBTAINING THE FURTHER WRITTEN CONSENT FROM COUNCIL'S ENGINEERING DEPARTMENT AT LEAST SEVEN (7) DAYS PRIOR TO THE CARTAGE/HAULAGE WORKS COMMENCING, TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.
- ALL EARTHWORKS MUST BE UNDERTAKEN IN A MANNER THAT MINIMISES SOIL EROSION, AND ANY EXPOSED AREAS OF SOIL MUST BE STABILISED TO PREVENT SOIL EROSION TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY.
- EROSION MUST BE CONTROLLED DURING CONSTRUCTION IN ACCORDANCE WITH THE ENVIRONMENT PROTECTION AUTHORITY GUIDELINE TG20890. CONTRACTOR TO PROVIDE SITE EMP.
- ALL VEGETATION THAT IS REMOVED AND DISPOSED OF MUST:
  - NOT CAUSE DAMAGE TO VEGETATION STANDS TO BE RETAINED.
  - HAVE REGARD TO THE LOCAL LAW WHEN BURNING VEGETATION.
- NATIVE VEGETATION REMOVAL TO BE LIMITED TO THE SPECIFIC PLANTS IDENTIFIED AS PART OF THE PLANNING PERMIT. NO ADDITIONAL NATIVE PLANTS, OUTSIDE OF THOSE SPECIFIED IN THE PLANNING PERMIT, ARE TO BE REMOVED.
- NO POLLUTED AND/OR SEDIMENT LADEN RUNOFF IS TO BE DISCHARGED, DIRECTLY OR INDIRECTLY, INTO MELBOURNE WATER'S DRAINS OR WATERCOURSES.
- BEFORE THE VEGETATION REMOVAL STARTS, THE BOUNDARIES OF ALL VEGETATION TO BE REMOVED AND RETAINED MUST BE CLEARLY MARKED WITH TEMPORARY FENCING, TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY. THE REMOVAL MUST BE IN ACCORDANCE WITH THE ENDORSED PLAN.
- PRIOR TO FELLING, TREES IDENTIFIED FOR REMOVAL MUST BE EXAMINED FOR THE PRESENCE OF FAUNA, INCLUDING THOSE USING EXTERNAL NESTS (e.g COMMON RINGTAIL POSSUMS, BIRDS NESTS) AND TREE HOLLOWES. IF NATIVE FAUNA SPECIES ARE LOCATED, THEY ARE TO BE SALVAGED AND RELOCATED IN ACCORDANCE WITH ALL RELATIVE LEGISLATION AND APPROVALS, FURTHER TO CONSULTATION WITH THE DEPARTMENT OF SUSTAINABILITY AND ENVIRONMENT.
- ALL VEHICLES, EARTHMOVING EQUIPMENT AND OTHER MACHINERY MUST BE CLEARED OF SOIL AND PLANT MATERIAL BEFORE ENTERING AND LEAVING THE SITE, TO PREVENT THE SPREAD OF WEEDS AND PATHOGENS
- DRIVEWAYS TO BE EXCAVATED INTO ALLOTMENTS AT A MAXIMUM GRADE OF 1 IN 5 WHERE BATTERS EXCEED 600mm.
- DRIVEWAY LAYBACK AND WINGS ARE TO BE CONSTRUCTED AS A SINGLE SEGMENT OF CONCRETE.
- ALL NBN PITS ARE TO BE CLEAR OF PATHS AND DRIVEWAYS.
- CONTRACTOR TO PROVIDE CCTV TESTING ON ALL CONSTRUCTED DRAINAGE LINES AND TO BE APPROVED BY COUNCIL PRIOR TO THE ISSUE OF STATEMENT OF COMPLIANCE.
- ALL RESIDENTIAL AND HEAVY DUTY DRIVEWAYS TO BE CONSTRUCTION ACCORDING TO MPA STANDARD DRAWINGS.

DRAWING INDEX		
DRAWING No.	DESCRIPTION	SHEET No.
21408-02-E-000	COVER SHEET	0
21408-02-E-100	GENERAL NOTES, LOCALITY PLAN, DRAWING INDEX & SERVICE OFFSET TABLE	1
21408-02-E-101	EXISTING FEATURES PLAN	2
21408-02-E-102	TYPICAL CROSS SECTIONS	3
21408-02-E-103	TYPICAL DETAILS	4
21408-02-E-104	OVERALL STAGING PLAN	5
21408-02-E-105	ROAD CENTRELINE SETOUT PLAN	6
21408-02-E-106	PLAN OF SUBDIVISION	7
21408-02-E-107	DETAIL LAYOUT PLAN	8
21408-02-E-108	ROAD LONGITUDINAL SECTIONS	9
21408-02-E-109	ROAD CROSS SECTIONS SHEET 1 OF 3	10
21408-02-E-110	ROAD CROSS SECTIONS SHEET 2 OF 3	11
21408-02-E-111	ROAD CROSS SECTIONS SHEET 3 OF 3	12
21408-02-E-112	INTERSECTION DETAILS AND KERB LIP PROFILES SHEET 1 OF 4	13
21408-02-E-113	INTERSECTION DETAILS AND KERB LIP PROFILES SHEET 2 OF 4	14
21408-02-E-114	INTERSECTION DETAILS AND KERB LIP PROFILES SHEET 3 OF 4	15
21408-02-E-115	INTERSECTION DETAILS AND KERB LIP PROFILES SHEET 4 OF 4	16
21408-02-E-116	SIGNS AND LINEMARKING PLAN	17
21408-02-E-117	DRAINAGE LONGITUDINAL SECTIONS SHEET 1 OF 2	18
21408-02-E-118	DRAINAGE LONGITUDINAL SECTIONS SHEET 2 OF 2	19
21408-02-E-119	DRAINAGE PIT SCHEDULE	20
21408-02-E-800	QS CATCHMENT PLAN	21



**LOCALITY PLAN**  
SCALE N.T.S.  
MELWAYS REF MAP 389 C10

1

STREET	SERVICE OFFSET TABLE											
	GAS		RECYCLED WATER (NDW)		POTABLE WATER (DW)		TELECOMS		ELECTRICAL CABLES		SEWER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
COTTONWOOD DRIVE	SOUTH	2.10m	SOUTH	2.50m	SOUTH	3.00m	NORTH	0.35m	NORTH	1.10m	SOUTH	Ex. 1.00m
BUTTERNUT STREET	SOUTH	2.10m	SOUTH	2.50m	SOUTH	3.00m	NORTH	1.85m	NORTH	2.60m	NORTH SOUTH	Ex. 1.00m Ex. 1.00m
BUNYA STREET	WEST	2.10m	WEST	2.50m	WEST	3.00m	EAST	1.85m	EAST	2.60m	EAST	1.00m
ILLAWARRA WAY	WEST	2.10m	WEST	2.50m	WEST	3.00m	EAST	1.85m	EAST	2.60m	-	-

**CONTRACTOR**

**WARNING**  
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**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

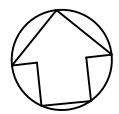
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1	11/12/2021	DRAWING INDEX UPDATED	WJB
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

**TAYLORS**  
Urban Development | Infrastructure  
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2600 | Web: taylors.com.au

DESIGNED: ALP    AUTHORIZED: JOY    DRAFTED: WGO  
CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-100

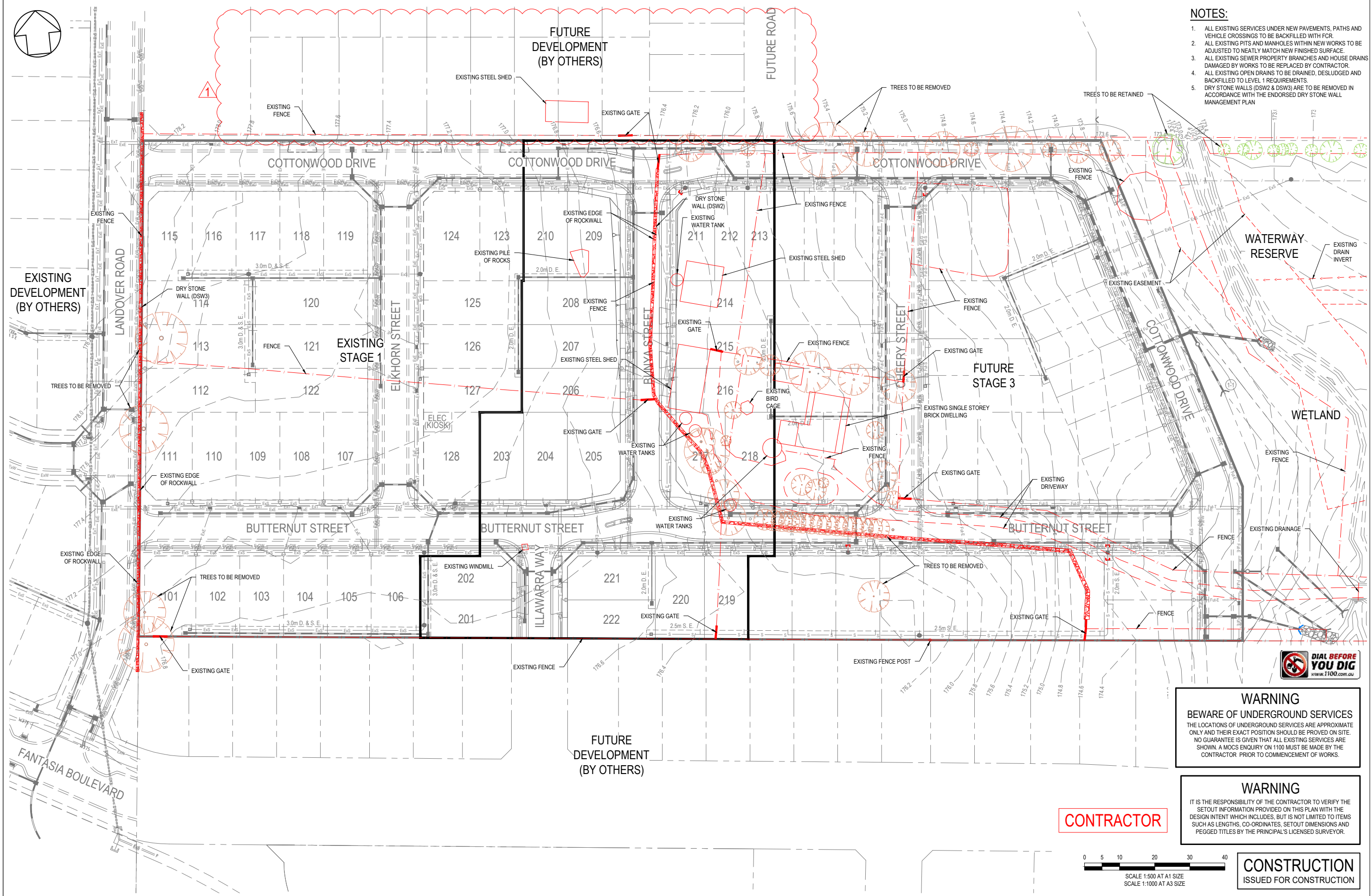
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CITY OF WHITTLESEA		SCALE	AS SHOWN
405 EPPING ROAD, WOLLERT VIC 3750		VERSION	1
STAGE 2		SHEET	1 OF 21
GENERAL NOTES, LOCALITY PLAN, DRAWING INDEX & SERVICE OFFSET TABLE		DRAWING No.	21408-02-E-100



**NOTES:**

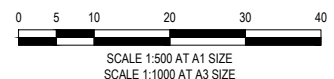
1. ALL EXISTING SERVICES UNDER NEW PAVEMENTS, PATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH FCU.
2. ALL EXISTING PITS AND MANHOLES WITHIN NEW WORKS TO BE ADJUSTED TO NEATLY MATCH NEW FINISHED SURFACE.
3. ALL EXISTING SEWER PROPERTY BRANCHES AND HOUSE DRAINS DAMAGED BY WORKS TO BE REPLACED BY CONTRACTOR.
4. ALL EXISTING OPEN DRAINS TO BE DRAINED, DESLUDGED AND BACKFILLED TO LEVEL 1 REQUIREMENTS.
5. DRY STONE WALLS (DSW2 & DSW3) ARE TO BE REMOVED IN ACCORDANCE WITH THE ENDORSED DRY STONE WALL MANAGEMENT PLAN.



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**CONTRACTOR**



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
1	2/12/2021	NORTHERN INTERFACE ADDED	WJB
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

LEGEND	
PROPOSED GAS MAIN	---
PROPOSED WATER MAIN	---
PROPOSED NON-DRINKING WATER	---
PROPOSED ELECTRICITY CABLE	---
PROPOSED TELCO CABLE	---
PROPOSED SEWER MAIN & M.H.	---
PROPOSED DRAIN, PIT & PROPERTY INLET	---
TREE TO BE RETAINED	
TREE TO BE REMOVED	
EXISTING SHEDS TO BE REMOVED	
EXISTING WATER TANK	
EXISTING FENCE	---
EXISTING EDGE OF ROCKWALL	---
EXISTING EASEMENT	---
EXISTING DRIVEWAY	---
EXISTING GATE	---

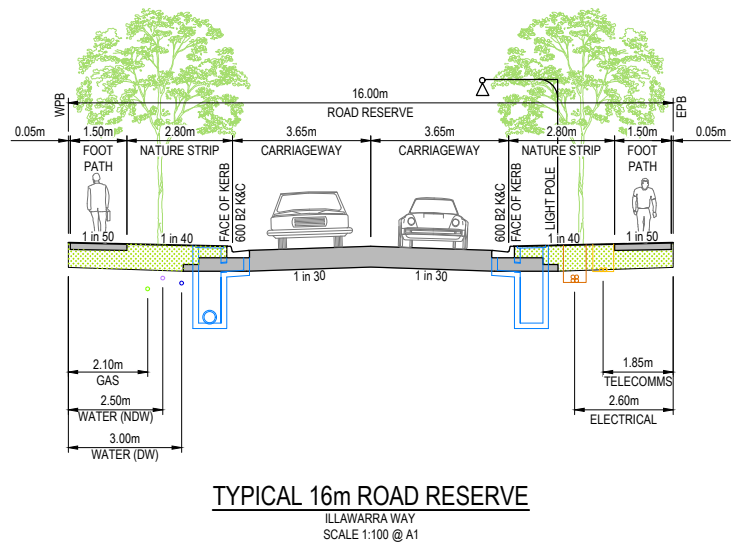
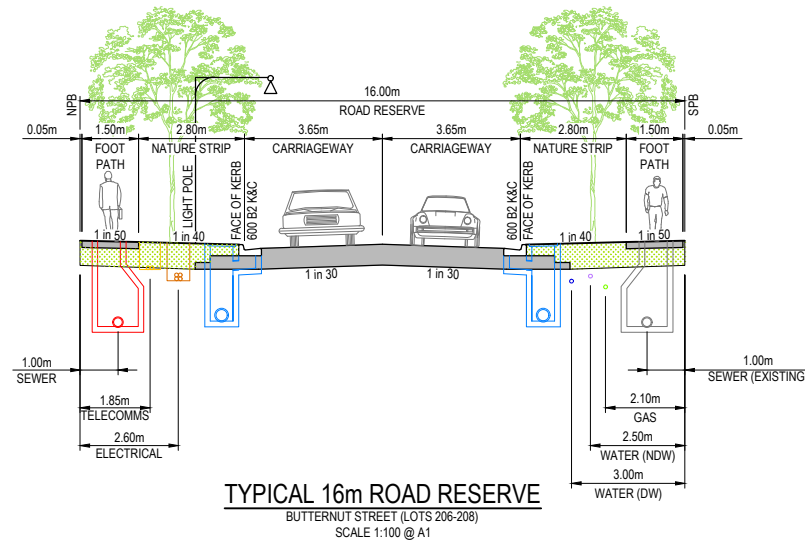
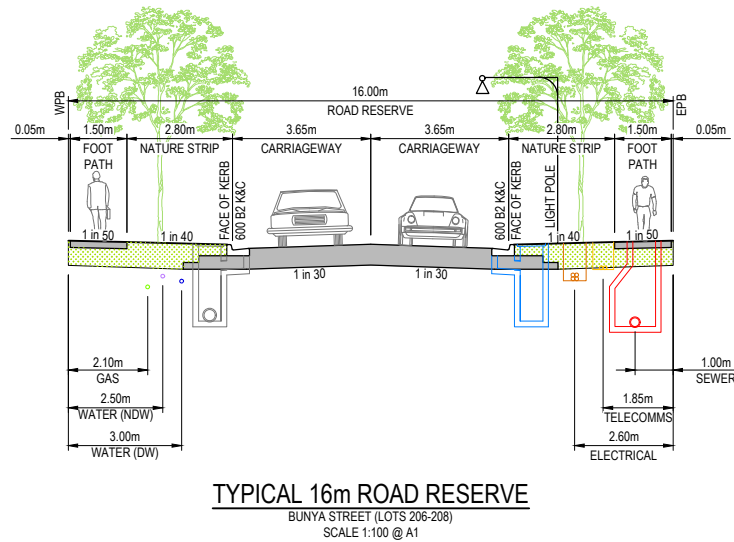
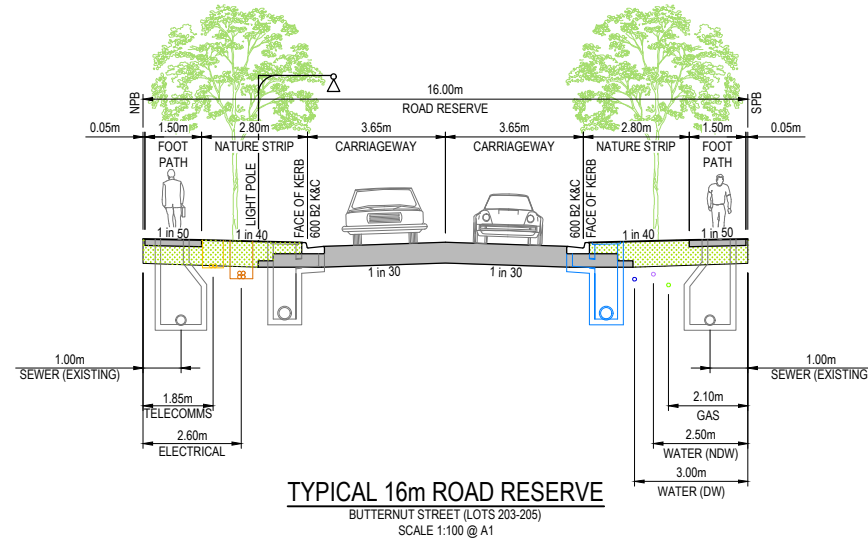
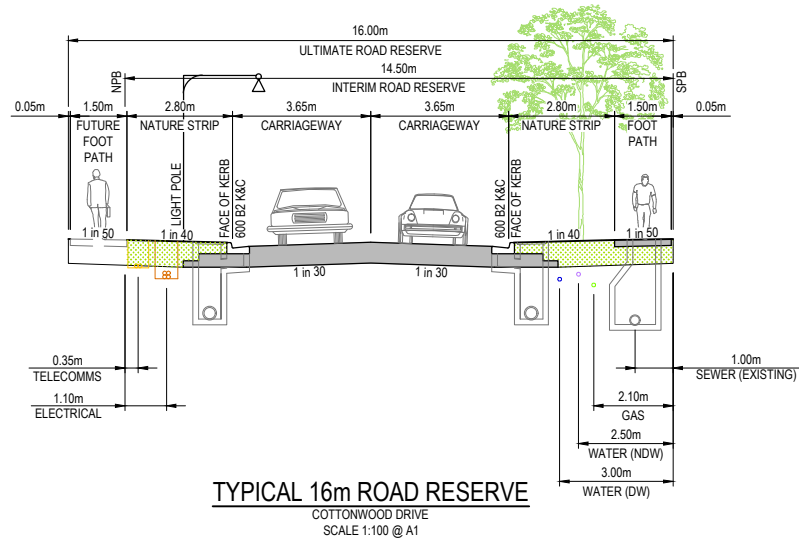
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 CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-101

CITY OF WHITTLESEA  
 405 EPPING ROAD, WOLLERT VIC 3750  
 STAGE 2  
 EXISTING FEATURES PLAN

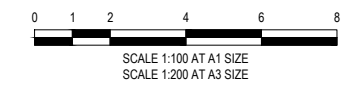
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VERSION	0
SHEET	2 OF 21
DRAWING No.	21408-02-E-101



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**CONTRACTOR**

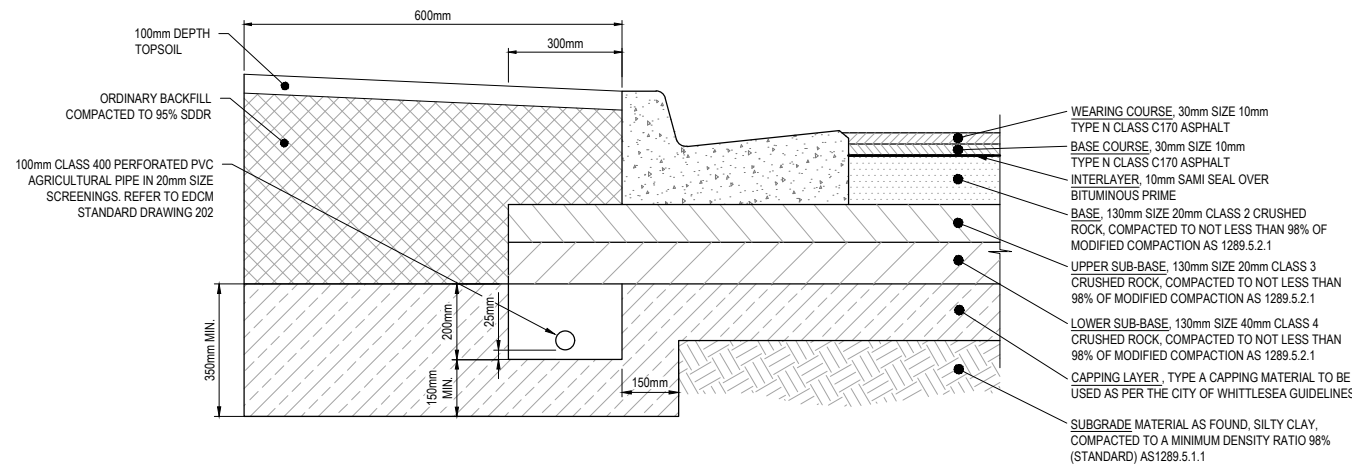


**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO
VER	DATE	REVISION	APPD.

<b>TAYLORS</b> Urban Development   Infrastructure 8 / 270 Ferrisree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2600   Web: taylorso.com.au			
DESIGNED:	ALP	AUTHORISED:	JOY
CHECKED:	MIO	AUTH. DATE:	18/05/2020
DRAFTED:	WGO	CAD REF:	21408-02-E-102
Coords:	MGA	Levels:	AHD

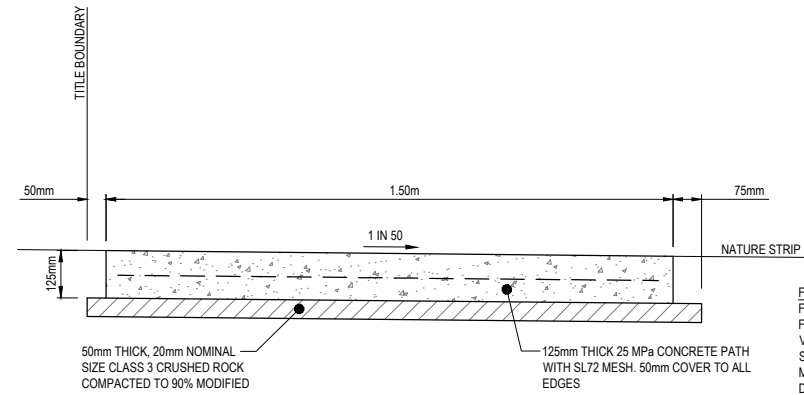
CITY OF WHITTLESEA		SCALE	AS SHOWN
405 EPPING ROAD, WOLLERT VIC 3750		VERSION	0
STAGE 2		SHEET	3 OF 21
TYPICAL CROSS SECTIONS		DRAWING No.	21408-02-E-102



**COTTONWOOD DRIVE, BUNYA STREET, BUTTERNUT STREET & ILLAWARRA WAY**  
**600mm PAVEMENT COMPOSITION DETAIL**

N.T.S.

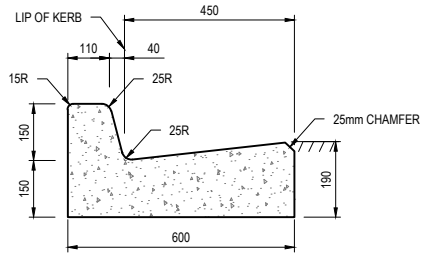
NOTE:  
 REFER TO GEOTECHNICAL REPORT GE6550-19  
 PREPARED BY GEOTESTA AND EDM STANDARD  
 DRAWING 202 FOR SUBSURFACE DRAIN DETAILS.



**TYPICAL RESIDENTIAL FOOTPATH DETAIL**

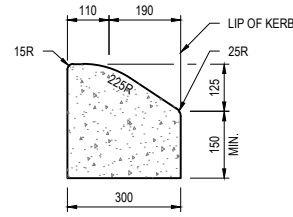
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 (REFER TO EDM STANDARD DWG 401)

FOOTPATH DETAIL NOTE:  
 FOOTPATH CONSTRUCTED IN FILL SHALL BE USING STRUCTURAL FILL MATERIAL TO BE APPROVED TYPE 'A' MATERIAL AS PER VICROADS SERIES 200 DOCUMENT TABLE 204.04. SPREAD IN SUCCESSIVE LAYERS NOT EXCEEDING 150mm (LOOSE MEASUREMENT) AND COMPACTED THROUGHOUT TO A DRY DENSITY OF NOT LESS THAN 98% STANDARD COMPACTION



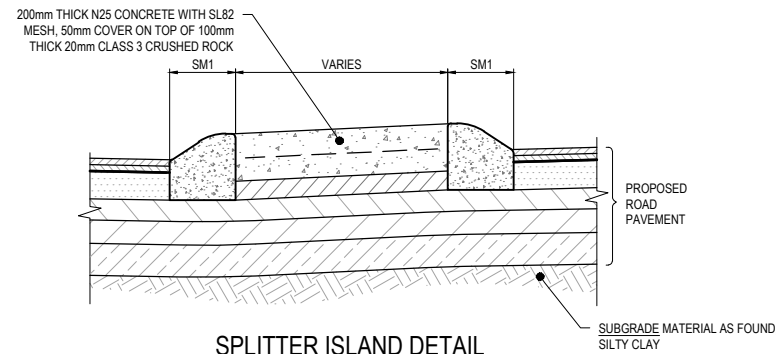
**600 B2 KERB DETAIL**

SCALE 1:10 @ A1



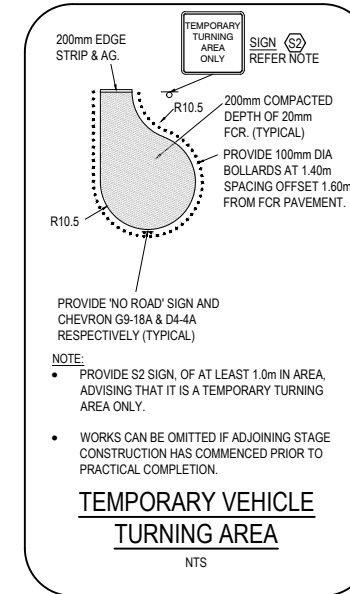
**SM1 KERB DETAIL**

SCALE 1:10 @ A1



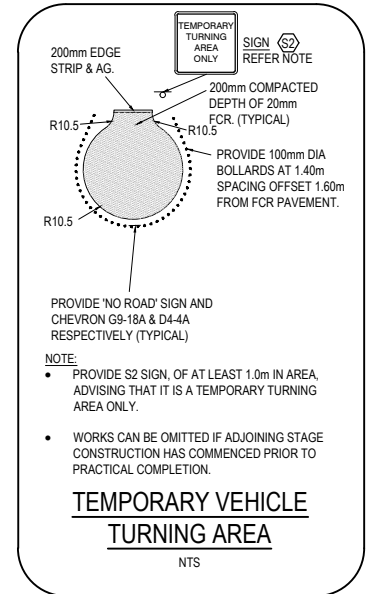
**SPLITTER ISLAND DETAIL**

N.T.S.



**TEMPORARY VEHICLE TURNING AREA**

N.T.S.



**TEMPORARY VEHICLE TURNING AREA**

N.T.S.

- NOTE:
- PROVIDE 'NO ROAD' SIGN AND CHEVRON G9-18A & D4-4A RESPECTIVELY (TYPICAL)
  - PROVIDE S2 SIGN, OF AT LEAST 1.0m IN AREA, ADVISING THAT IT IS A TEMPORARY TURNING AREA ONLY.
  - WORKS CAN BE OMITTED IF ADJOINING STAGE CONSTRUCTION HAS COMMENCED PRIOR TO PRACTICAL COMPLETION.

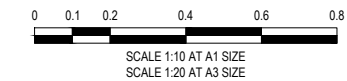
- NOTE:
- PROVIDE S2 SIGN, OF AT LEAST 1.0m IN AREA, ADVISING THAT IT IS A TEMPORARY TURNING AREA ONLY.
  - WORKS CAN BE OMITTED IF ADJOINING STAGE CONSTRUCTION HAS COMMENCED PRIOR TO PRACTICAL COMPLETION.



**WARNING**  
**BWARE OF UNDERGROUND SERVICES**  
 THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVED ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. A MOCS ENQUIRY ON 1100 MUST BE MADE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.

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**CONTRACTOR**

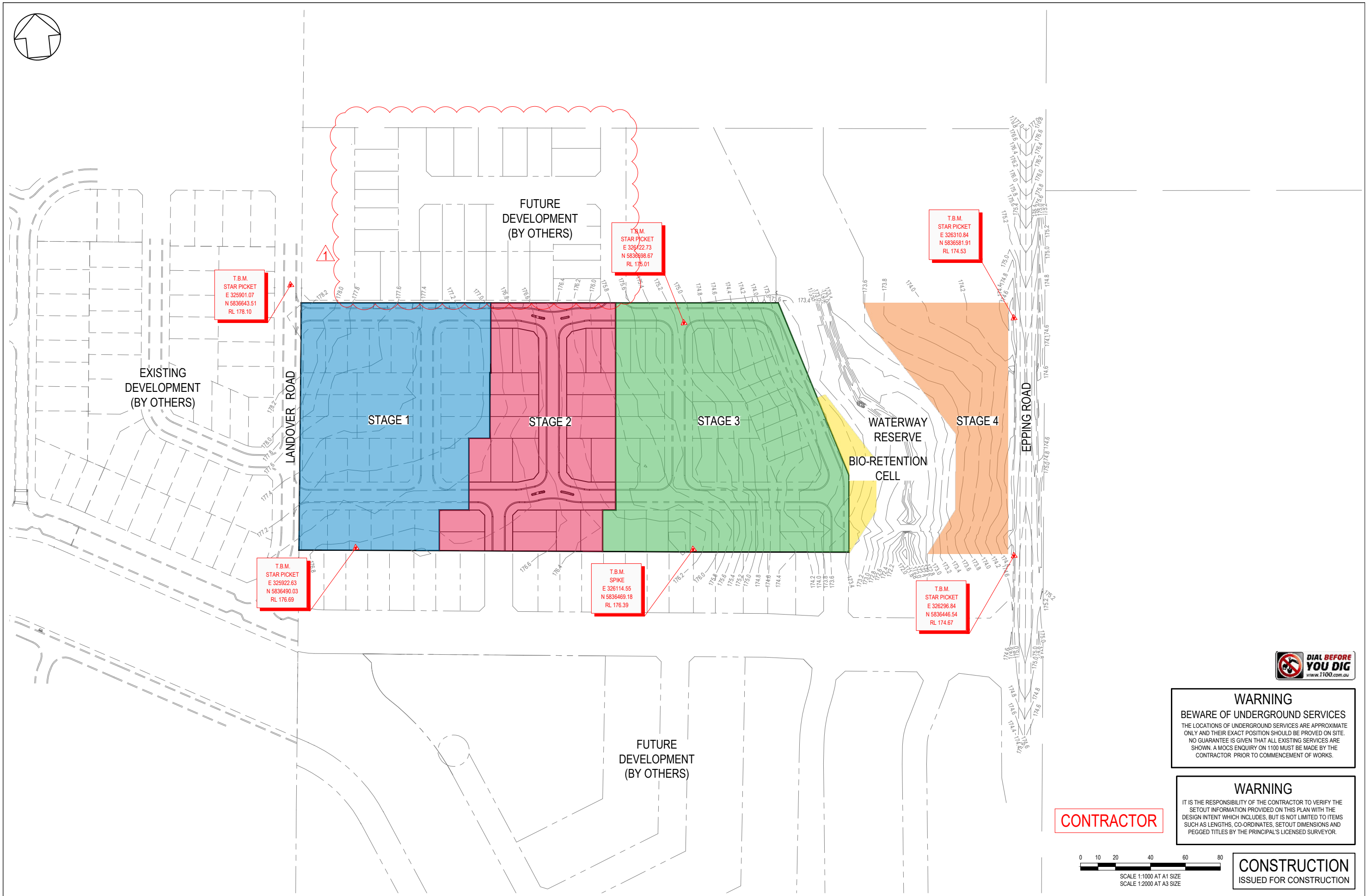
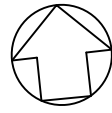


**CONSTRUCTION**  
 ISSUED FOR CONSTRUCTION

0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO
VER	DATE	REVISION	APPD.

<b>TAYLORS</b> Urban Development   Infrastructure 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2600   Web: taylorso.com.au			
DESIGNED:	ALP	AUTHORISED:	JOY
DRAFTED:	WGO	CHECKED:	MIO
CAD REF:	21408-02-E-103	AUTH. DATE:	18/05/2020
Coords:	MGA	Levels:	AHD

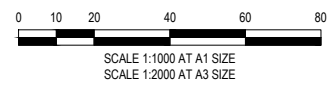
CITY OF WHITTLESEA		SCALE	AS SHOWN
405 EPPING ROAD, WOLLERT VIC 3750		VERSION	0
STAGE 2		SHEET	4 OF 21
TYPICAL DETAILS		DRAWING No.	21408-02-E-103



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**CONTRACTOR**



**CONSTRUCTION**  
 ISSUED FOR CONSTRUCTION

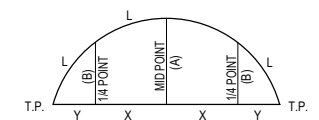
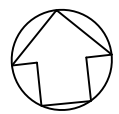
VER	DATE	REVISION	APPD.
1	2/12/2021	NORTHERN INTERFACE ADDED	WJB
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO


**TAYLORS**  
 Urban Development | Infrastructure  
 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
 Tel: 61 3 9501 2600 | Web: taylorss.com.au

DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO
CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-104

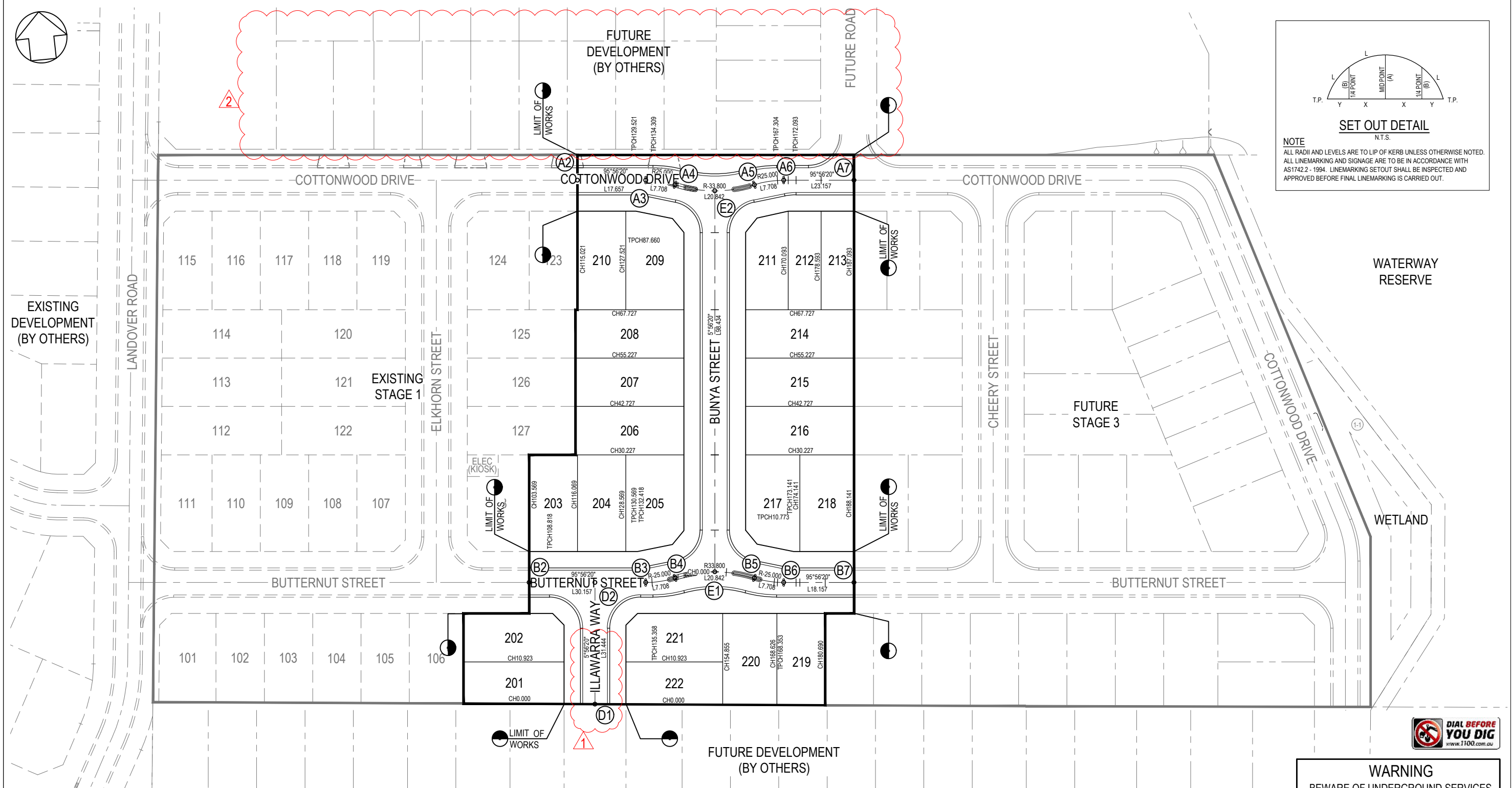
CITY OF WHITTLESEA  
 405 EPPING ROAD, WOLLERT VIC 3750  
**STAGE 2**  
 OVERALL STAGING PLAN

SCALE	1:1000 @ A1
VERSION	1
SHEET	5 OF 21
DRAWING No.	21408-02-E-104



**SET OUT DETAIL**  
N.T.S.

**NOTE**  
ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED.  
ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH AS1742.2 - 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.



ALIGNMENT A									
POINT NO	EASTING	NORTHING	RL						
A2	326013.256	5836614.995	176.777						
A3	326030.818	5836613.169	176.477						
A4	326038.242	5836611.211	176.346						
A5	326058.645	5836609.089	175.992						
A6	326066.313	5836609.476	175.861						
A7	326084.372	5836607.597	175.552						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A3 - A4	17.665	25.0	7.708	0.296	0.222	1.925	1.914	1.927	176.411
A4 - A5	35.330	33.8	20.842	1.594	1.193	5.190	5.067	5.211	176.169
A5 - A6	17.665	25.0	7.708	0.296	0.222	1.925	1.914	1.927	175.926

ALIGNMENT B									
POINT NO	EASTING	NORTHING	RL						
B2	325990.064	5836512.868	176.798						
B3	326020.059	5836509.747	176.648						
B4	326027.727	5836510.135	176.569						
B5	326048.130	5836508.013	176.257						
B6	326055.554	5836506.055	176.141						
B7	326073.613	5836504.176	175.938						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B3 - B4	17.665	25.0	7.708	0.296	0.222	1.925	1.914	1.927	176.627
B4 - B5	35.330	33.8	20.842	1.594	1.193	5.190	5.067	5.211	176.413
B5 - B6	17.665	25.0	7.708	0.296	0.222	1.925	1.914	1.927	176.199

ALIGNMENT D			
POINT NO	EASTING	NORTHING	RL
D1	326003.770	5836479.850	176.661
D2	326007.022	5836511.104	176.713

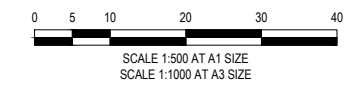
  

ALIGNMENT E			
POINT NO	EASTING	NORTHING	RL
E1	326038.094	5836510.659	176.413
E2	326048.278	5836608.565	176.169

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**CONTRACTOR**



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
2	2/12/2021	NORTHERN INTERFACE ADDED	WJB
1	20/07/2021	ALIGNMENT D AMENDED	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

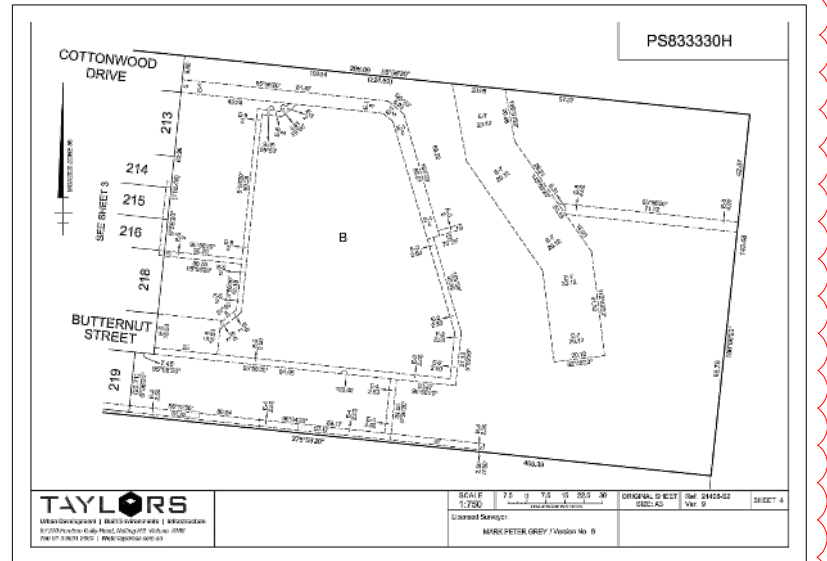
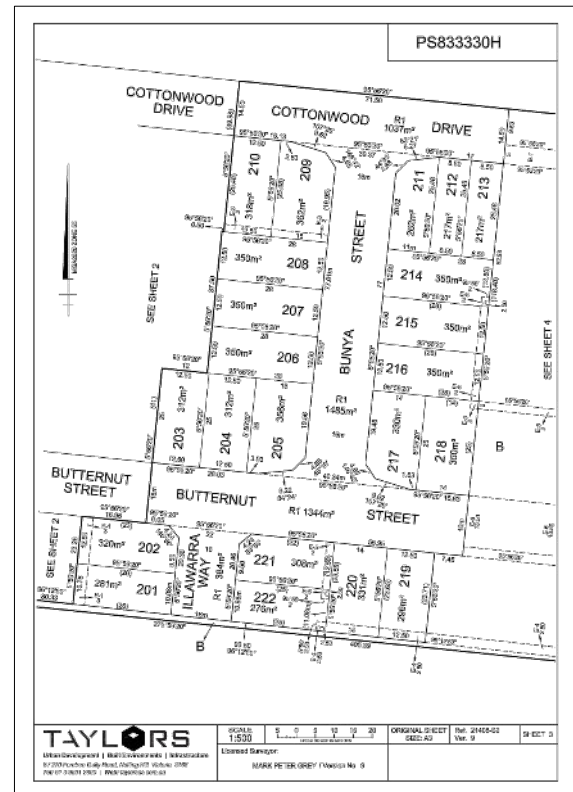
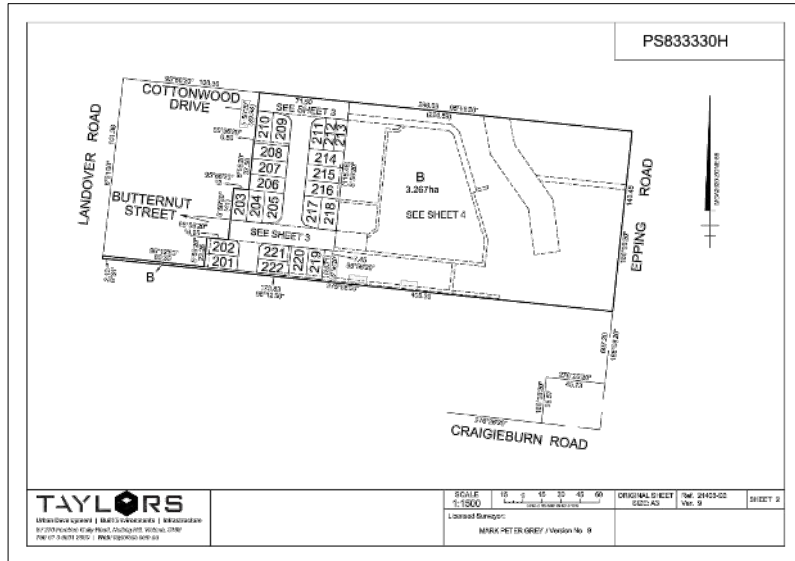
CENTRE LINE SETOUT POINT	(H3)
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**TAYLORS**  
Urban Development | Infrastructure  
8/270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2600 | Web: taylors.com.au

DESIGNED: ALP    AUTHORIZED: JOY    DRAFTED: WGO  
CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-105

CITY OF WHITTLESEA	SCALE 1:500 @ A1
405 EPPING ROAD, WOLLERT VIC 3750	VERSION 2
STAGE 2	SHEET 6 OF 21
ROAD CENTRELINE SETOUT PLAN	DRAWING No.
	<b>21408-02-E-105</b>

<b>PLAN OF SUBDIVISION</b>		EDITION 1	PS833330H
<b>LOCATION OF LAND</b>		COUNCIL NAME: WHITTLESEA CITY COUNCIL	
PARISH: WOLLERT			
SECTION: 19			
CROWN ALLOTMENT: 1 (PART)			
CROWN POSITION: 1 (PART)			
TITLE REFERENCE: Vol. 191			
LAST PLAN REFERENCE: Lot A on PS829723K			
POSTAL ADDRESS: 400 Epping Road WOLLERT VIC 3750			
MANAGER CO-ORDINATES: E 303 100 XOH: 00 N 5 835 503			
<b>VESTING OF ROADS AND/OR RESERVES</b>		<b>NOTATIONS</b>	
Road (R): Whittlesea City Council		Lot 201 to 222 (both inclusive) is a plan that is affected by one or more conditions of the Order of Whittlesea, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z, AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, AK, AL, AM, AN, AO, AP, AQ, AR, AS, AT, AU, AV, AW, AX, AY, AZ, BA, BB, BC, BD, BE, BF, BG, BH, BI, BJ, BK, BL, BM, BN, BO, BP, BQ, BR, BS, BT, BU, BV, BW, BX, BY, BZ, CA, CB, CC, CD, CE, CF, CG, CH, CI, CJ, CK, CL, CM, CN, CO, CP, CQ, CR, CS, CT, CU, CV, CW, CX, CY, CZ, DA, DB, DC, DD, DE, DF, DG, DH, DI, DJ, DK, DL, DM, DN, DO, DP, DQ, DR, DS, DT, DU, DV, DW, DX, DY, DZ, EA, EB, EC, ED, EE, EF, EG, EH, EI, EJ, EK, EL, EM, EN, EO, EP, EQ, ER, ES, ET, EU, EV, EW, EX, EY, EZ, FA, FB, FC, FD, FE, FF, FG, FH, FI, FJ, FK, FL, FM, FN, FO, FP, FQ, FR, FS, FT, FU, FV, FW, FX, FY, FZ, GA, GB, GC, GD, GE, GF, GG, GH, GI, GJ, GK, GL, GM, GN, GO, GP, GQ, GR, GS, GT, GU, GV, GW, GX, GY, GZ, HA, HB, HC, HD, HE, HF, HG, HH, HI, HJ, HK, HL, HM, HN, HO, HP, HQ, HR, HS, HT, HU, HV, HW, HX, HY, HZ, IA, IB, IC, ID, IE, IF, IG, IH, II, IJ, IK, IL, IM, IN, IO, IP, IQ, IR, IS, IT, IU, IV, IW, IX, IY, IZ, JA, JB, JC, JD, JE, JF, JG, JH, JI, JJ, JK, JL, JM, JN, JO, JP, JQ, JR, JS, JT, JU, JV, JW, JX, JY, JZ, KA, KB, KC, KD, KE, KF, KG, KH, KI, KJ, KK, KL, KM, KN, KO, KP, KQ, KR, KS, KT, KU, KV, KW, KX, KY, KZ, LA, LB, LC, LD, LE, LF, LG, LH, LI, LJ, LK, LL, LM, LN, LO, LP, LQ, LR, LS, LT, LU, LV, LW, LX, LY, LZ, MA, MB, MC, MD, ME, MF, MG, MH, MI, MJ, MK, ML, MM, MN, MO, MP, MQ, MR, MS, MT, MU, MV, MW, MX, MY, MZ, NA, NB, NC, ND, NE, NF, NG, NH, NI, NJ, NK, NL, NM, NN, NO, NP, NQ, NR, NS, NT, NU, NV, NW, NX, NY, NZ, OA, OB, OC, OD, OE, OF, OG, OH, OI, OJ, OK, OL, OM, ON, OO, OP, OQ, OR, OS, OT, OU, OV, OW, OX, OY, OZ, PA, PB, PC, PD, PE, PF, PG, PH, PI, PJ, PK, PL, PM, PN, PO, PP, PQ, PR, PS, PT, PU, PV, PW, PX, PY, PZ, QA, QB, QC, QD, QE, QF, QG, QH, QI, QJ, QK, QL, QM, QN, QO, QP, QQ, QR, QS, QT, QU, QV, QW, QX, QY, QZ, RA, RB, RC, RD, RE, RF, RG, RH, RI, RJ, RK, RL, RM, RN, RO, RP, RQ, RR, RS, RT, RU, RV, RW, RX, RY, RZ, SA, SB, SC, SD, SE, SF, SG, SH, SI, SJ, SK, SL, SM, SN, SO, SP, SQ, SR, SS, ST, SU, SV, SW, SX, SY, SZ, TA, TB, TC, TD, TE, TF, TG, TH, TI, TJ, TK, TL, TM, TN, TO, TP, TQ, TR, TS, TT, TU, TV, TW, TX, TY, TZ, UA, UB, UC, UD, UE, UF, UG, UH, UI, UJ, UK, UL, UM, UN, UO, UP, UQ, UR, US, UT, UY, UZ, VA, VB, VC, VD, VE, VF, VG, VH, VI, VJ, VK, VL, VM, VN, VO, VP, VQ, VR, VS, VT, VU, VV, VW, VX, VY, VZ, WA, WB, WC, WD, WE, WF, WG, WH, WI, WJ, WK, WL, WM, WN, WO, WP, WQ, WR, WS, WT, WU, WV, WW, WX, WY, WZ, XA, XB, XC, XD, XE, XF, XG, XH, XI, XJ, XK, XL, XM, XN, XO, XP, XQ, XR, XS, XT, XU, XV, XW, XX, XY, XZ, YA, YB, YC, YD, YE, YF, YG, YH, YI, YJ, YK, YL, YM, YN, YO, YP, YQ, YR, YS, YT, YU, YV, YW, YX, YY, YZ, ZA, ZB, ZC, ZD, ZE, ZF, ZG, ZH, ZI, ZJ, ZK, ZL, ZM, ZN, ZO, ZP, ZQ, ZR, ZS, ZT, ZU, ZV, ZW, ZX, ZY, ZZ	



<b>PS833330H</b>																																							
<b>CREATION OF RESTRICTION 'A'</b>																																							
The registered proprietor of the burdened land covenants with the registered proprietor of the benefited land as set out in the restriction with the intent that the burden of the restriction runs with and binds the burdened land and the benefit of the restriction is annexed to and runs with the benefited land.																																							
LAND TO BE BURDENED:	See Table 1 below.																																						
LAND TO BENEFIT:	See Table 1 below.																																						
<b>DESCRIPTION OF RESTRICTION</b>																																							
The registered proprietor or proprietors for the time being of any burdened lot to which this restriction applies must not:																																							
1. Construct or allow to be constructed or remain on the lot or any part of it, any dwelling house, with a setback of less than 4m or greater from the front boundary of the lot, except with the written consent of Whittlesea City Council.																																							
2. Construct or allow to be constructed or remain on the lot or any part of it, any garage with a setback less than 5 metres from the front boundary of the lot.																																							
3. Construct or allow to be constructed or remain on the lot or any part of it, any garage on the lot other than a single car garage where the width of the lot is 10 metres or less when measured at the front wall of the dwelling, where access is proposed from the lot frontage.																																							
4. Construct or allow to be constructed or remain on the lot or any part of it, any dwelling house or commercial building other than any dwelling house or commercial building which incorporates dual plumbing for the use of recycled water in toilet flushing and garden watering.																																							
5. Construct or allow to be constructed or remain on a corner lot or any part of it, any dwelling with the side wall of the first level which is constructed:																																							
(i) less than 900mm from the ground level wall that faces a side street; or																																							
(ii) with less than 10% clearing for the area of the wall and the remainder of the wall must be constructed in contrasting material finishes.																																							
Reference A (1) Epping Code 24/06/2020																																							
NOTE: Restrictions A(2), 3, 4 & 5 satisfy Planning Permit No. 7181/04 Condition 6																																							
TABLE 1	TABLE 1 continued																																						
<table border="1"> <thead> <tr> <th>BURDENED LOT No.</th> <th>BENEFITING LOTS OR THE PLAN</th> </tr> </thead> <tbody> <tr><td>201</td><td>213</td></tr> <tr><td>202</td><td>214</td></tr> <tr><td>203</td><td>215</td></tr> <tr><td>204</td><td>216</td></tr> <tr><td>205</td><td>217</td></tr> <tr><td>206</td><td>218</td></tr> <tr><td>207</td><td>219</td></tr> <tr><td>208</td><td>220</td></tr> <tr><td>209</td><td>221</td></tr> <tr><td>210</td><td>222</td></tr> </tbody> </table>	BURDENED LOT No.	BENEFITING LOTS OR THE PLAN	201	213	202	214	203	215	204	216	205	217	206	218	207	219	208	220	209	221	210	222	<table border="1"> <thead> <tr> <th>BURDENED LOT No.</th> <th>BENEFITING LOTS OR THE PLAN</th> </tr> </thead> <tbody> <tr><td>213</td><td>214, 215, 216, 217, 218, 219</td></tr> <tr><td>214</td><td>215, 216, 217, 218, 219</td></tr> <tr><td>215</td><td>216, 217, 218, 219</td></tr> <tr><td>216</td><td>217, 218, 219</td></tr> <tr><td>217</td><td>218, 219</td></tr> <tr><td>218</td><td>219</td></tr> <tr><td>219</td><td>220, 221, 222</td></tr> </tbody> </table>	BURDENED LOT No.	BENEFITING LOTS OR THE PLAN	213	214, 215, 216, 217, 218, 219	214	215, 216, 217, 218, 219	215	216, 217, 218, 219	216	217, 218, 219	217	218, 219	218	219	219	220, 221, 222
BURDENED LOT No.	BENEFITING LOTS OR THE PLAN																																						
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TAYLORS	Original Sheet: PS833330H, Edition: 1, Sheet: 1 of 7																																						

<b>PS833330H</b>																									
<b>CREATION OF RESTRICTION 'B'</b>																									
The registered proprietor of the burdened land covenants with the registered proprietor of the benefited land as set out in the restriction with the intent that the burden of the restriction runs with and binds the burdened land and the benefit of the restriction is annexed to and runs with the benefited land.																									
LAND TO BE BURDENED:	See Table 2 below.																								
LAND TO BENEFIT:	See Table 2 below.																								
<b>DESCRIPTION OF RESTRICTIONS</b>																									
The registered proprietor or proprietors for the time being of any burdened lot to which this restriction applies must not:																									
1. Construct or allow to be constructed or remain on the lot or any part of it, any dwelling house or garage other than a dwelling house or garage which has been built in accordance with the State Lot Housing Code incorporated into the Whittlesea Planning Scheme unless a planning permit is granted by the responsible authority for a dwelling house or garage that does not conform with the State Lot Housing Code.																									
2. Construct or allow to be constructed or remain on the lot or any part of it, any garage with a setback less than 5 metres from the front boundary of the lot.																									
3. Construct or allow to be constructed or remain on the lot or any part of it, any garage on the lot other than a single car garage where the width of the lot is 10 metres or less when measured at the front wall of the dwelling, where access is proposed from the lot frontage.																									
4. Construct or allow to be constructed or remain on the lot or any part of it, any dwelling house or commercial building other than any dwelling house or commercial building which incorporates dual plumbing for the use of recycled water in toilet flushing and garden watering.																									
5. Construct or allow to be constructed or remain on a corner lot or any part of it, any dwelling with the side wall of the first level which is constructed:																									
(i) less than 900mm from the ground level wall that faces a side street; or																									
(ii) with less than 10% clearing for the area of the wall and the remainder of the wall must be constructed in contrasting material finishes.																									
NOTE: Restrictions B(1) satisfy Planning Permit No. 7181/04 Condition 6																									
Restrictions B(2), 3, 4 & 5 satisfy Planning Permit No. 7181/04 Condition 6																									
TABLE 2																									
<table border="1"> <thead> <tr> <th>BURDENED LOT No.</th> <th>SLICE TYPE</th> <th>BENEFITING LOTS OR THE PLAN</th> </tr> </thead> <tbody> <tr><td>201</td><td>A</td><td>213</td></tr> <tr><td>214</td><td>A</td><td>215, 216</td></tr> <tr><td>215</td><td>A</td><td>216, 217, 218, 219</td></tr> <tr><td>216</td><td>A</td><td>217, 218, 219</td></tr> <tr><td>217</td><td>A</td><td>218, 219</td></tr> <tr><td>218</td><td>A</td><td>219</td></tr> <tr><td>219</td><td>A</td><td>220, 221</td></tr> </tbody> </table>	BURDENED LOT No.	SLICE TYPE	BENEFITING LOTS OR THE PLAN	201	A	213	214	A	215, 216	215	A	216, 217, 218, 219	216	A	217, 218, 219	217	A	218, 219	218	A	219	219	A	220, 221	
BURDENED LOT No.	SLICE TYPE	BENEFITING LOTS OR THE PLAN																							
201	A	213																							
214	A	215, 216																							
215	A	216, 217, 218, 219																							
216	A	217, 218, 219																							
217	A	218, 219																							
218	A	219																							
219	A	220, 221																							
TAYLORS	Original Sheet: PS833330H, Edition: 1, Sheet: 2 of 7																								

<b>PS833330H</b>																	
<b>CREATION OF RESTRICTION 'C'</b>																	
The registered proprietor of the burdened land covenants with the registered proprietor of the benefited land as set out in the restriction with the intent that the burden of the restriction runs with and binds the burdened land and the benefit of the restriction is annexed to and runs with the benefited land.																	
LAND TO BE BURDENED:	Lots 201 to 222 on this plan.																
LAND TO BENEFIT:	Lots 201 to 222 on this plan.																
<b>DESCRIPTION OF RESTRICTION</b>																	
The registered proprietor or proprietors for the time being of any burdened lot to which this restriction applies must not:																	
1. Construct or allow to be constructed or remain on the lot or any part of it, any building other than one private dwelling house with a wall that is less than 100mm from the ground level wall that faces a side street, or																	
2. Construct or allow to be constructed or remain on the lot or any part of it, any dwelling house or commercial building other than any dwelling house or commercial building which incorporates dual plumbing for the use of recycled water in toilet flushing and garden watering.																	
3. Construct or allow to be constructed or remain on the lot or any part of it, any dwelling with the side wall of the first level which is constructed:																	
(i) less than 900mm from the ground level wall that faces a side street; or																	
(ii) with less than 10% clearing for the area of the wall and the remainder of the wall must be constructed in contrasting material finishes.																	
NOTE: Restrictions C(1) satisfy Planning Permit No. 7181/04 Condition 6																	
Restrictions C(2), 3, 4 & 5 satisfy Planning Permit No. 7181/04 Condition 6																	
TABLE 3																	
<table border="1"> <thead> <tr> <th>BURDENED LOT No.</th> <th>BENEFITING LOTS OR THE PLAN</th> </tr> </thead> <tbody> <tr><td>201</td><td>213, 214, 215, 216, 217, 218, 219</td></tr> <tr><td>214</td><td>215, 216, 217, 218, 219</td></tr> <tr><td>215</td><td>216, 217, 218, 219</td></tr> <tr><td>216</td><td>217, 218, 219</td></tr> <tr><td>217</td><td>218, 219</td></tr> <tr><td>218</td><td>219</td></tr> <tr><td>219</td><td>220, 221, 222</td></tr> </tbody> </table>	BURDENED LOT No.	BENEFITING LOTS OR THE PLAN	201	213, 214, 215, 216, 217, 218, 219	214	215, 216, 217, 218, 219	215	216, 217, 218, 219	216	217, 218, 219	217	218, 219	218	219	219	220, 221, 222	
BURDENED LOT No.	BENEFITING LOTS OR THE PLAN																
201	213, 214, 215, 216, 217, 218, 219																
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216	217, 218, 219																
217	218, 219																
218	219																
219	220, 221, 222																
TAYLORS	Original Sheet: PS833330H, Edition: 1, Sheet: 3 of 7																

2

**WARNING**  
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**CONTRACTOR**

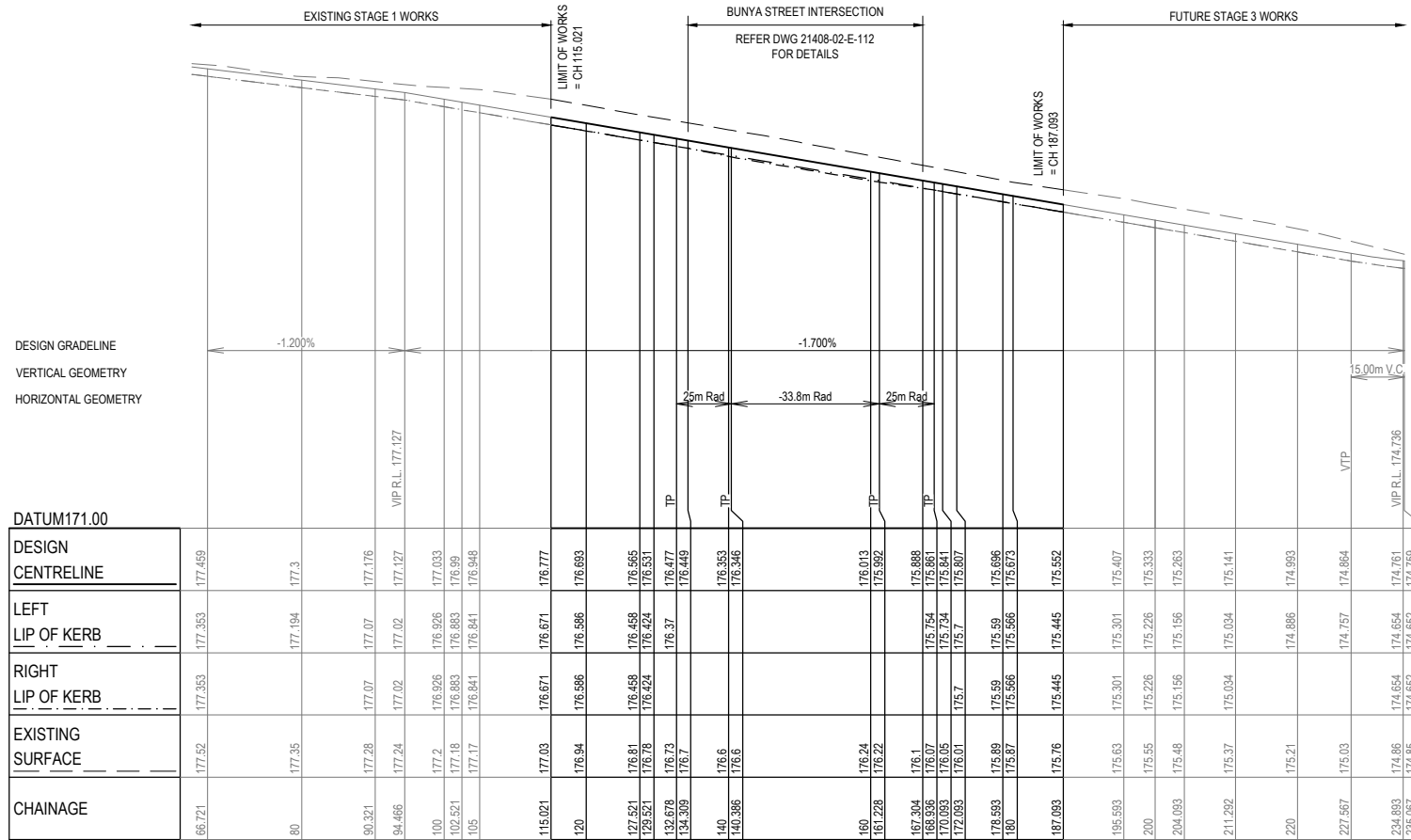
**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

2	26/08/2021	POS UPDATED TO V9	WJB
1	20/07/2021	POS UPDATED TO V8	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO
VER	DATE	REVISION	APPD.

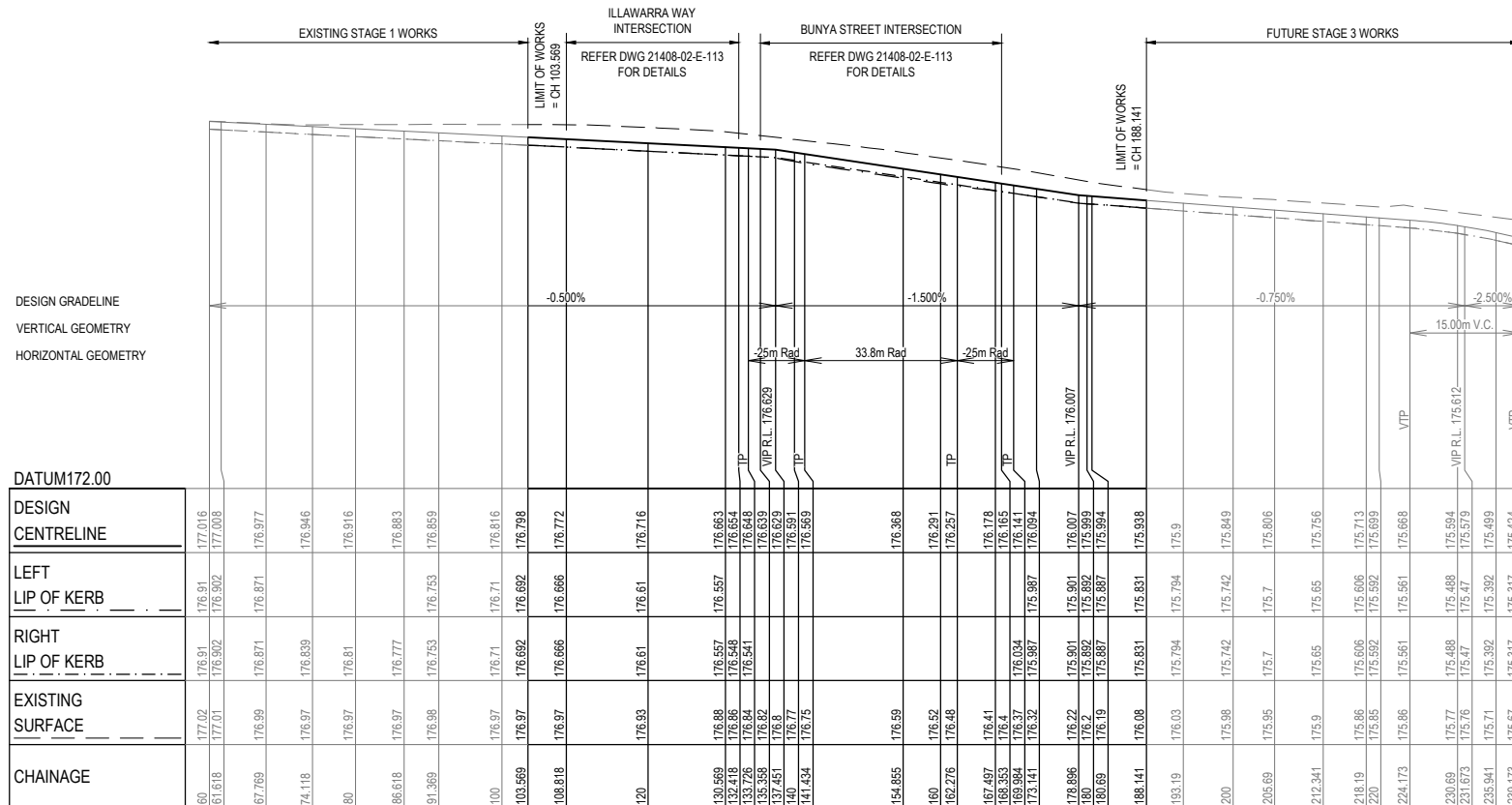
<p>Urban Development   Infrastructure 8/270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2600   Web: taylorso.com.au</p>		CITY OF WHITTLESEA		SCALE	N.T.S.
		405 EPPING ROAD, WOLLERT VIC 3750		VERSION	2
DESIGNED: ALP    AUTHORIZED: JOY    DRAFTED: WGO CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-106		STAGE 2		SHEET	7 OF 21
		PLAN OF SUBDIVISION		DRAWING No.	21408-02-E-106
Coords: MGA	Levels: AHD				



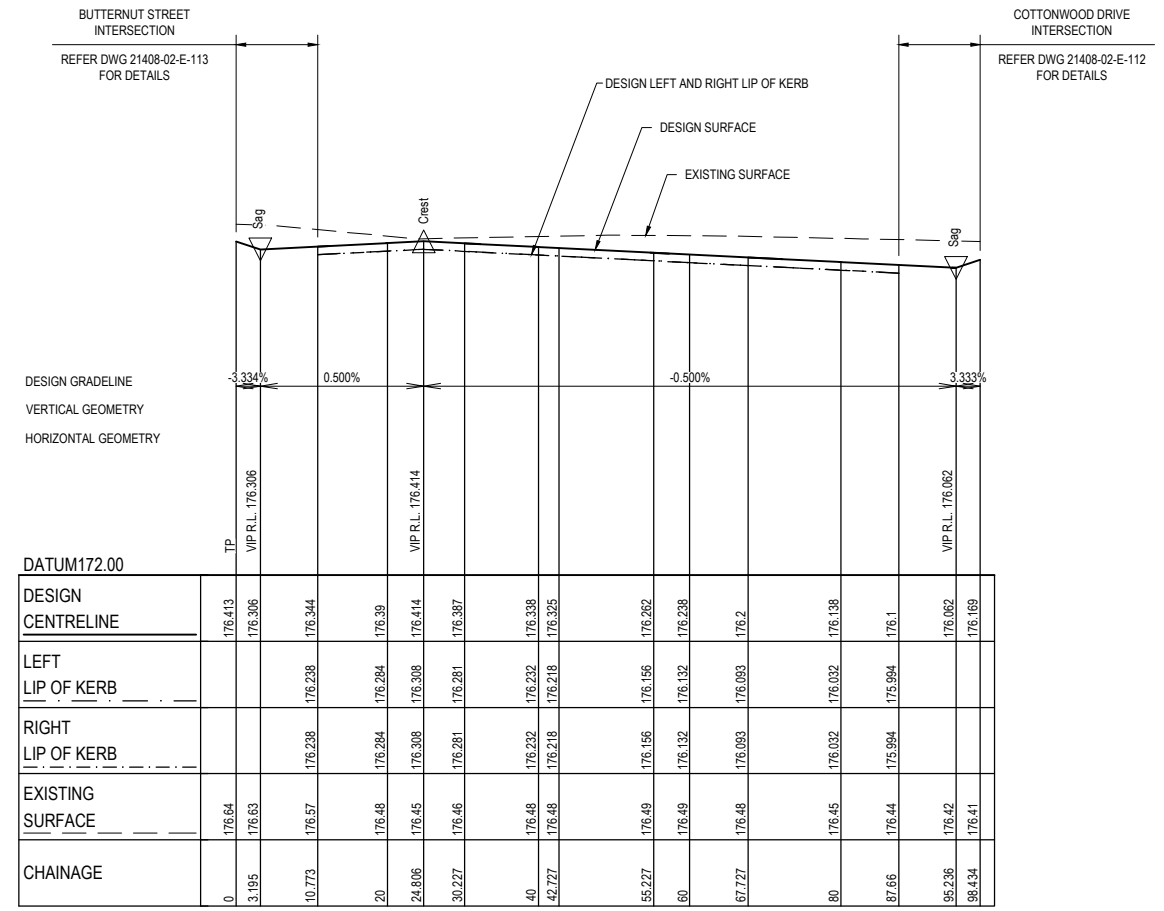




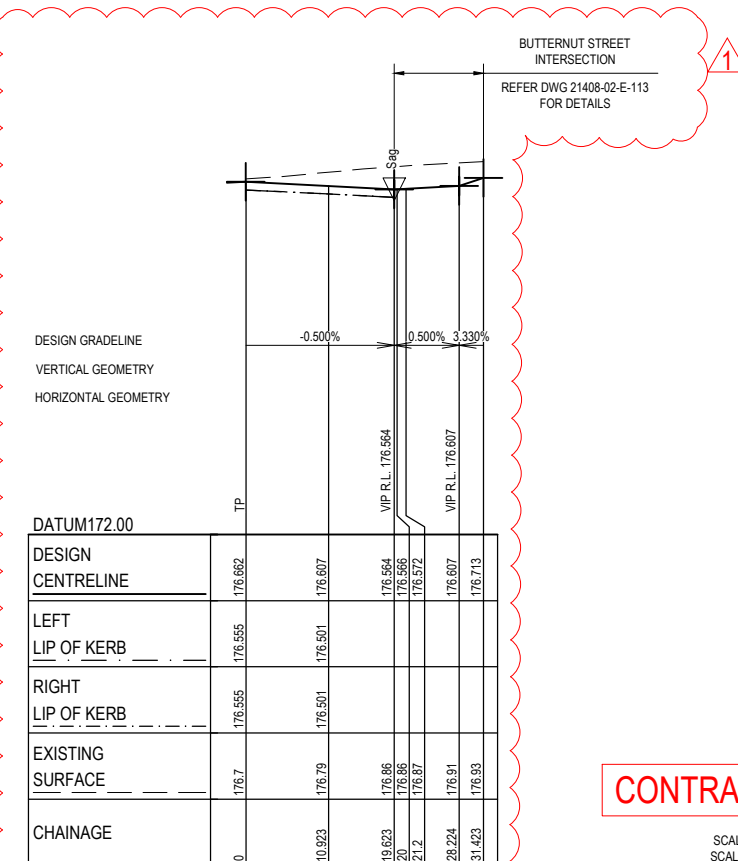
COTTONWOOD DRIVE



BUTTERNUT STREET



BUNYA STREET



ILLAWARRA WAY

NOTES:

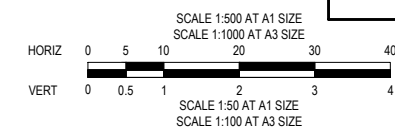
1. ALL EXISTING SERVICES UNDER NEW PAVEMENTS, PATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH FCR.
2. ALL EXISTING PITS AND MANHOLES WITHIN NEW WORKS TO BE ADJUSTED TO NEATLY MATCH NEW FINISHED SURFACE.
3. ALL EXISTING SEWER PROPERTY BRANCHES AND HOUSE DRAINS DAMAGED BY WORKS TO BE REPLACED BY CONTRACTOR.
4. ALL EXISTING OPEN DRAINS TO BE DRAINED, DESLUDGED AND BACKFILLED TO LEVEL 1 REQUIREMENTS.



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**CONTRACTOR**



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

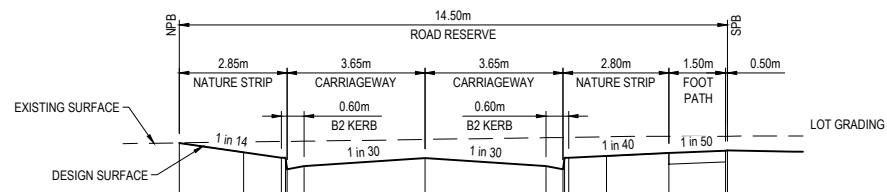
VER	DATE	REVISION	APPD.
1	20/07/2021	ILLAWARRA WAY LONG SECTION UPDATED	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

DESIGNED:	ALP	AUTHORISED:	JOY	DRAFTED:	WGO
CHECKED:	MIO	AUTH. DATE:	18/05/2020	CAD REF:	21408-02-E-108

**TAYLORS**  
Urban Development | Infrastructure  
8/270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2600 | Web: taylors.com.au

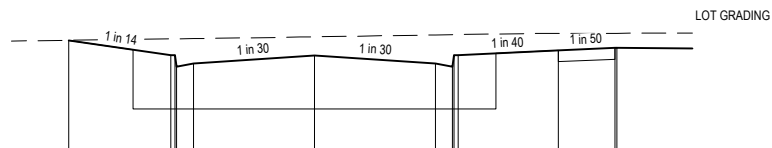
CITY OF WHITTLESEA  
405 EPPING ROAD, WOLLERT VIC 3750  
STAGE 2  
ROAD LONGITUDINAL SECTIONS

SCALE 1:500 H, 1:50 V @ A1  
VERSION 1  
SHEET 9 OF 21  
DRAWING No.  
**21408-02-E-108**



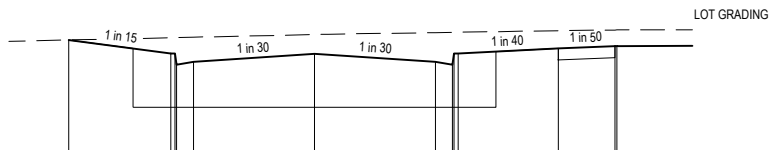
DATUM RL 175	
DESIGN SURFACE	176.732
EXISTING SURFACE	176.73
OFFSET	-6.500

CH 129.521



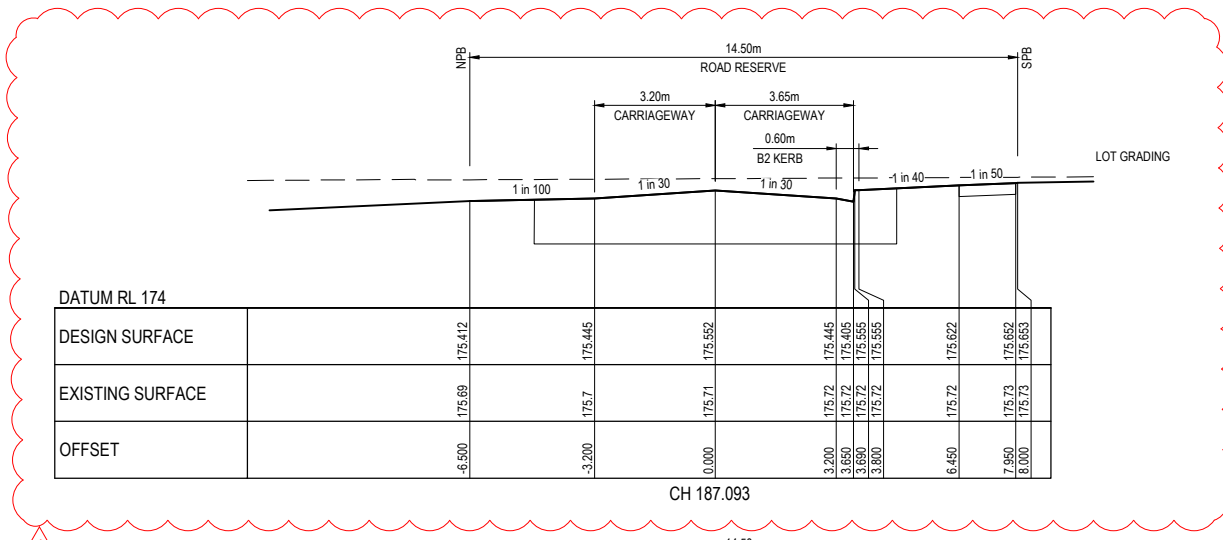
DATUM RL 175	
DESIGN SURFACE	176.666
EXISTING SURFACE	176.77
OFFSET	-6.500

CH 127.521



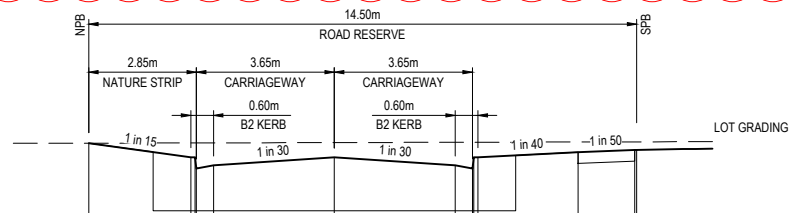
DATUM RL 175	
DESIGN SURFACE	176.96
EXISTING SURFACE	176.99
OFFSET	-6.500

CH 115.021



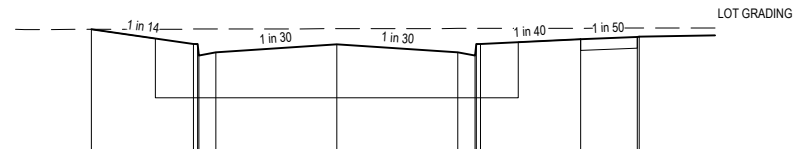
DATUM RL 174	
DESIGN SURFACE	175.412
EXISTING SURFACE	175.69
OFFSET	-6.500

CH 187.093



DATUM RL 174	
DESIGN SURFACE	175.885
EXISTING SURFACE	175.88
OFFSET	-6.500

CH 178.593

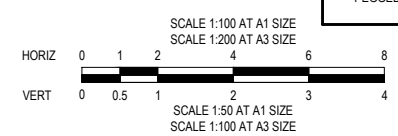


DATUM RL 174	
DESIGN SURFACE	176.006
EXISTING SURFACE	176.01
OFFSET	-6.500

CH 172.093

COTTONWOOD DRIVE

**CONTRACTOR**



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**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

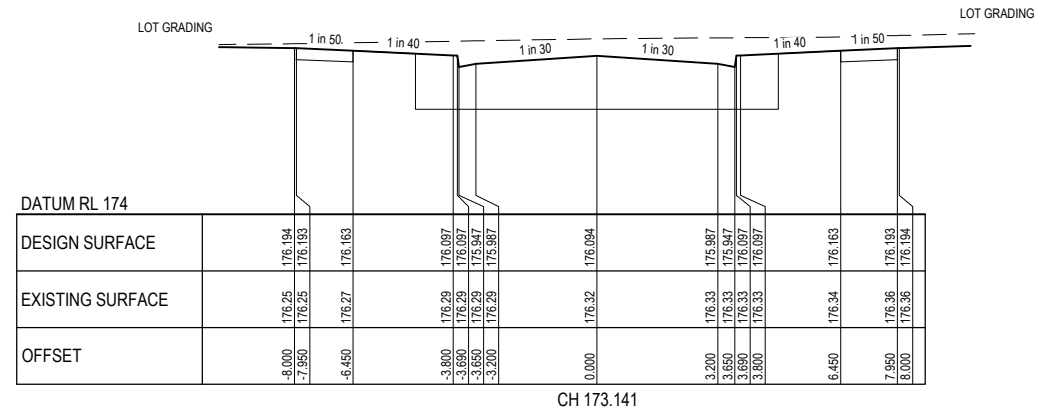
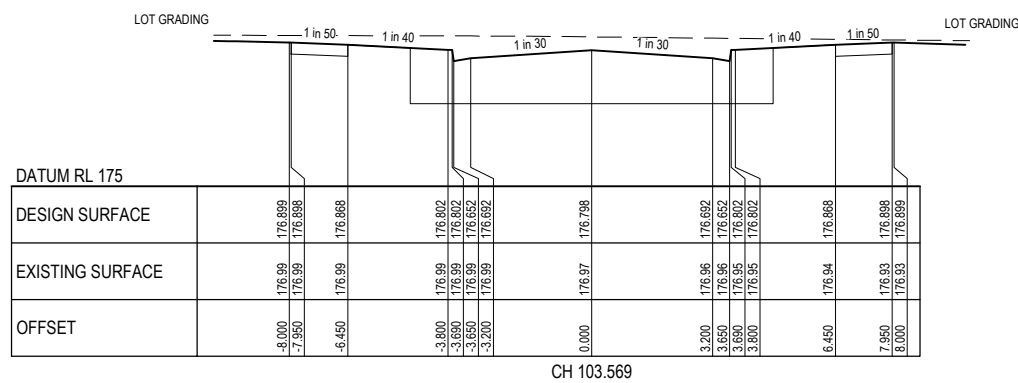
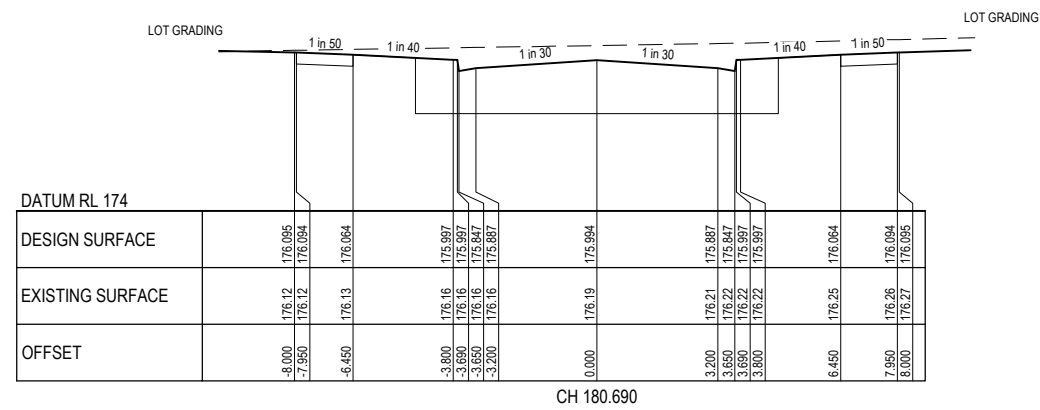
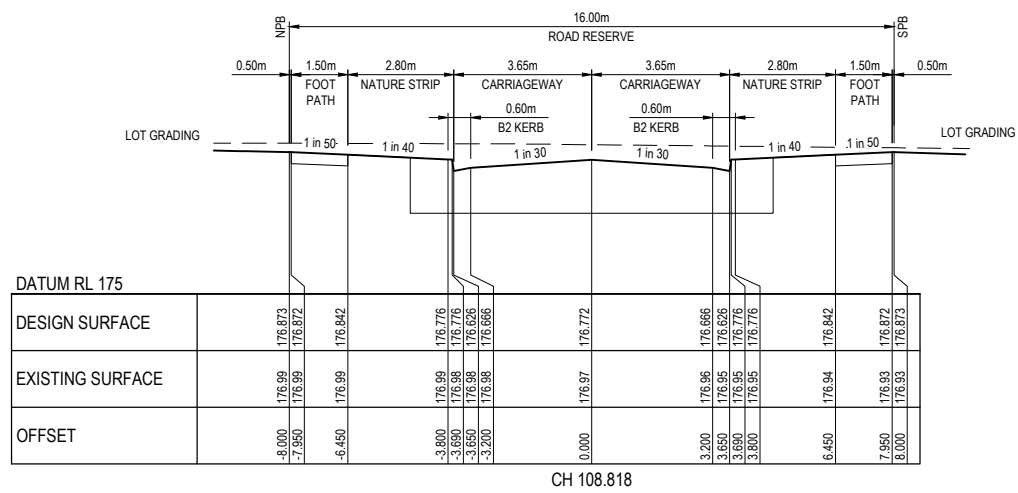
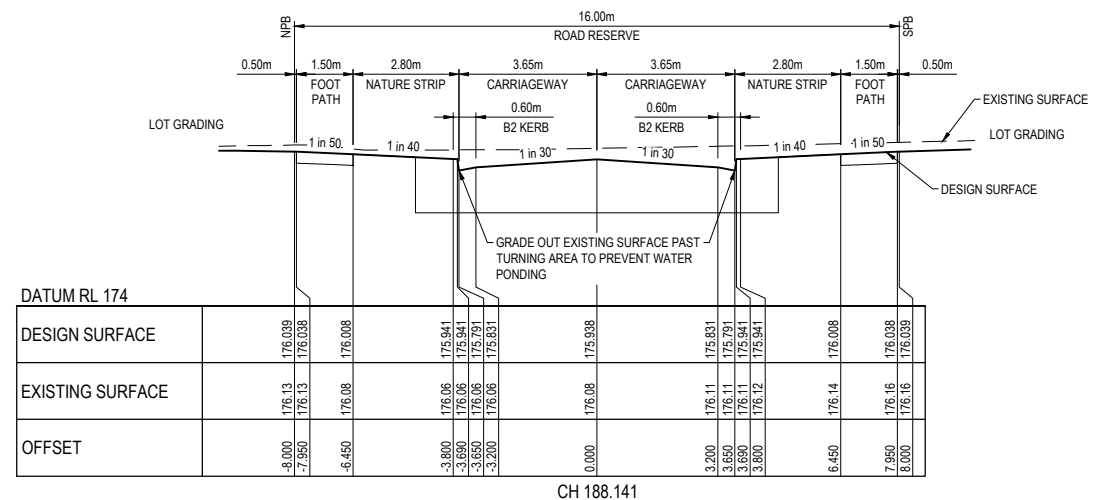
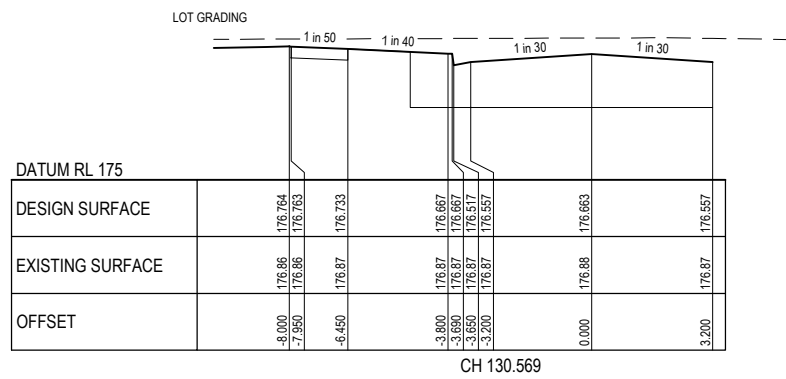
VER	DATE	REVISION	APPD.
1	11/12/2021	COTTONWOOD DRIVE CROSS SECTION UPDATED	WJB
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO


**TAYLORS**  
Urban Development | Infrastructure  
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2600 | Web: taylors.com.au

DESIGNED: ALP    AUTHORIZED: JOY    DRAFTED: WGO  
CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-109-111

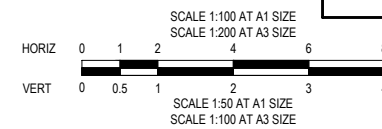
CITY OF WHITTLESEA  
405 EPPING ROAD, WOLLERT VIC 3750  
STAGE 2  
ROAD CROSS SECTIONS  
SHEET 1 OF 3

SCALE	1:100 H, 1:50 V @ A1
VERSION	1
SHEET	10 OF 21
DRAWING No.	21408-02-E-109



**BUTTERNUT STREET**

**CONTRACTOR**



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**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

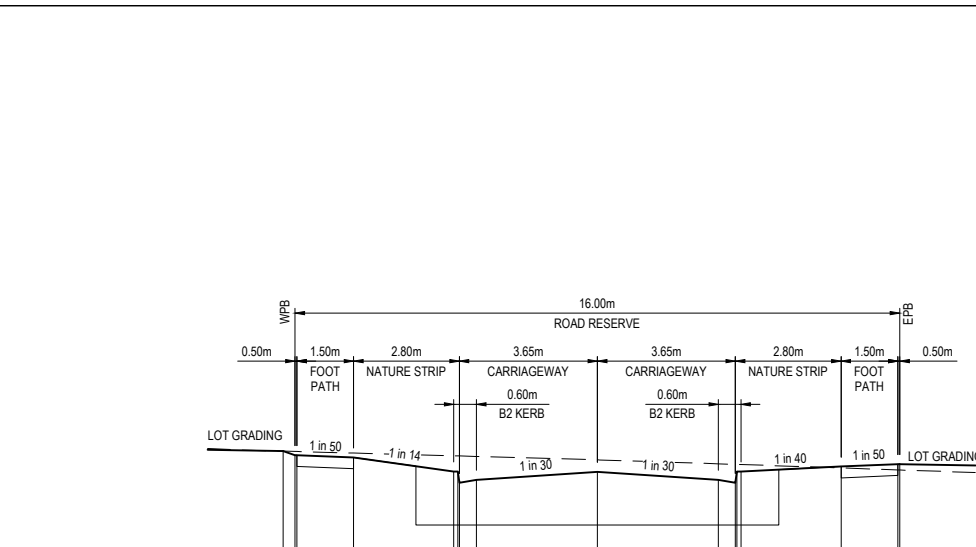


VER	DATE	REVISION	APPD.
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO


<b>TAYLORS</b> Urban Development   Infrastructure 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2800   Web: taylorso.com.au			
DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO	
CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-109-111	

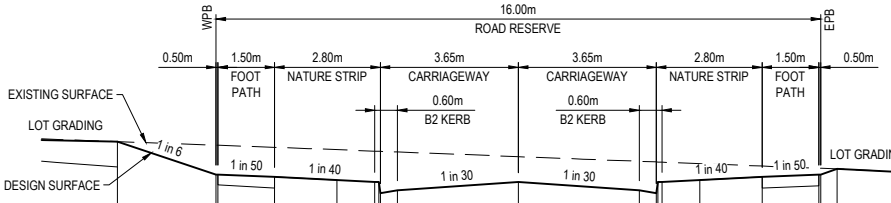
CITY OF WHITTLESEA	
405 EPPING ROAD, WOLLERT VIC 3750	
STAGE 2	
ROAD CROSS SECTIONS	
SHEET 2 OF 3	

SCALE	1:100 H, 1:50 V @ A1
VERSION	0
SHEET	11 OF 21
DRAWING No.	21408-02-E-110



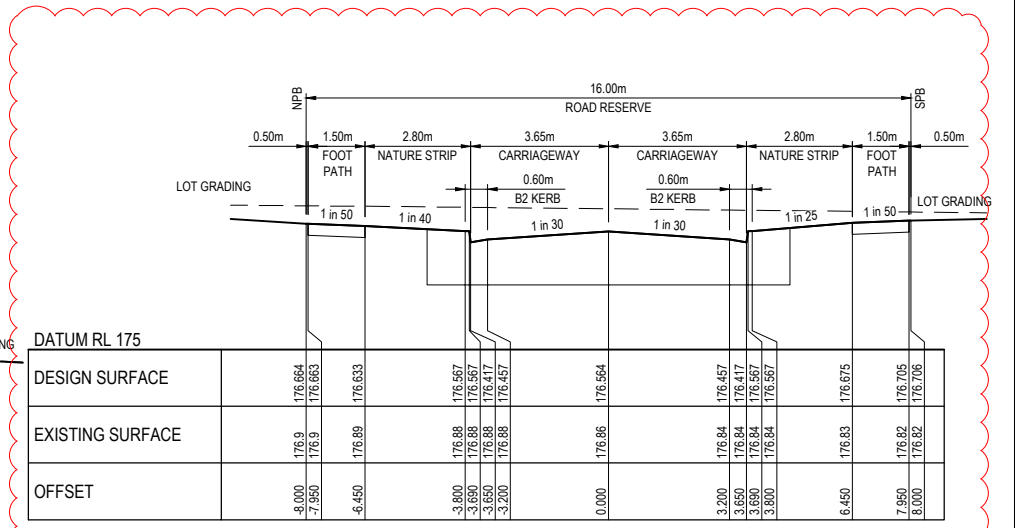
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EXISTING SURFACE	176.6, 176.59, 176.589, 176.57, 176.53, 176.328, 176.425, 176.456
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CH 42.727



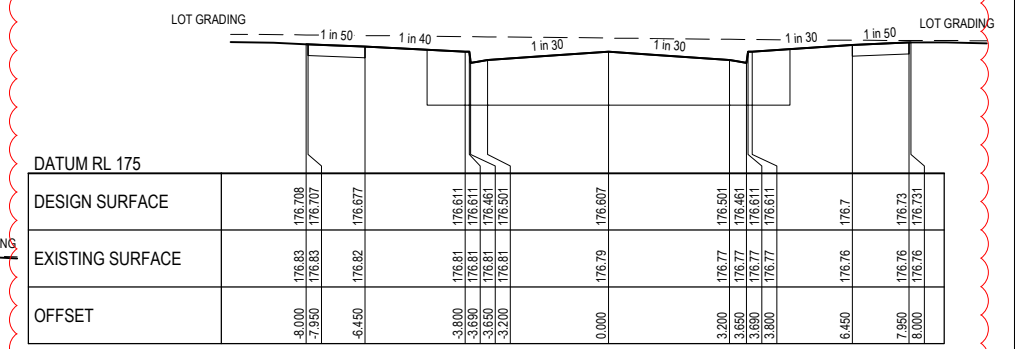
DATUM RL 174	
DESIGN SURFACE	176.636, 176.201, 176.104, 176.104, 176.17, 176.104, 176.17, 176.214
EXISTING SURFACE	176.64, 176.59, 176.59, 176.51, 176.51, 176.51, 176.51, 176.51
OFFSET	-10.611, 8.000, -7.950, -6.450, -3.800, -3.650, -3.650, -3.200, 0.000, 7.950, 8.000, 8.437

CH 87.660



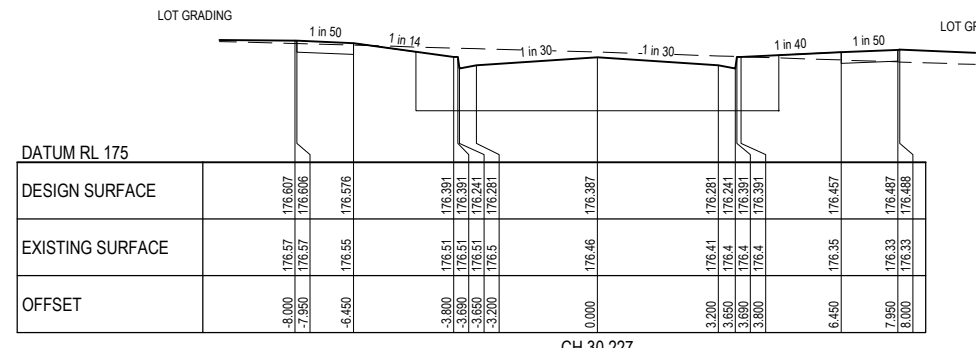
DATUM RL 175	
DESIGN SURFACE	176.654, 176.653, 176.633, 176.564, 176.457, 176.417, 176.457, 176.705, 176.706
EXISTING SURFACE	176.9, 176.9, 176.89, 176.86, 176.84, 176.84, 176.84, 176.82, 176.82
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TPCH 19.623



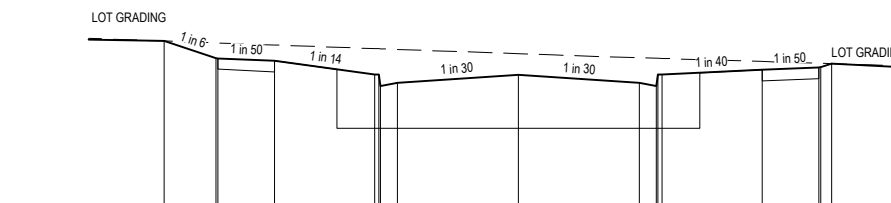
DATUM RL 175	
DESIGN SURFACE	176.708, 176.707, 176.611, 176.607, 176.501, 176.461, 176.501, 176.731, 176.731
EXISTING SURFACE	176.83, 176.83, 176.81, 176.79, 176.77, 176.77, 176.77, 176.76, 176.76
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CH 10.923



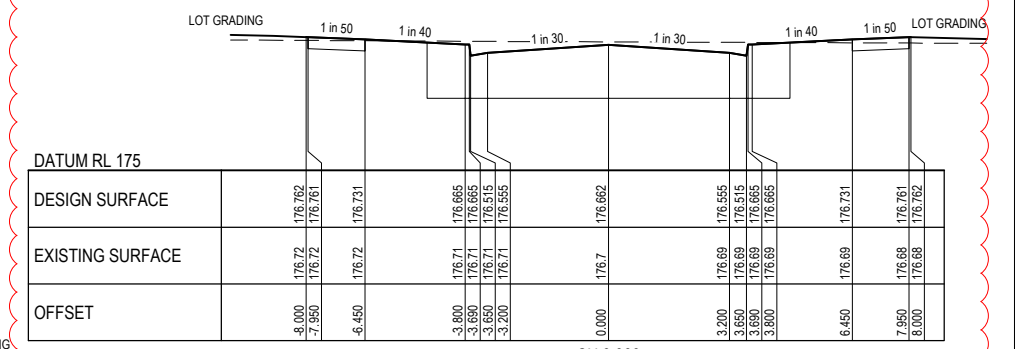
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EXISTING SURFACE	176.57, 176.57, 176.55, 176.51, 176.51, 176.51, 176.51, 176.51, 176.51
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CH 30.227



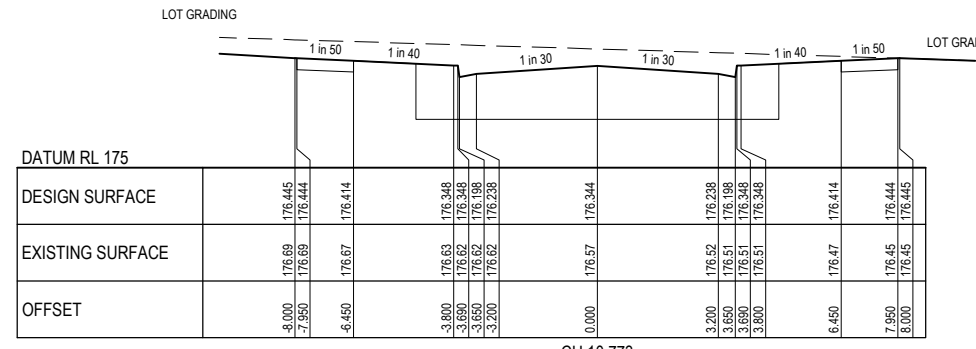
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DESIGN SURFACE	176.648, 176.42, 176.419, 176.389, 176.203, 176.203, 176.269, 176.299, 176.349
EXISTING SURFACE	176.65, 176.62, 176.62, 176.6, 176.55, 176.55, 176.55, 176.55, 176.55
OFFSET	-9.369, 8.000, -7.950, -6.450, -3.800, -3.650, -3.650, -3.200, 0.000, 7.950, 8.000, 8.288

CH 67.727



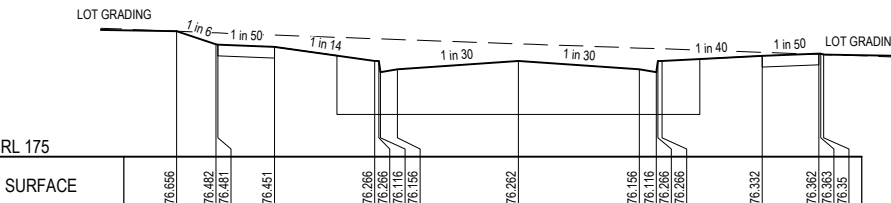
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DESIGN SURFACE	176.762, 176.761, 176.731, 176.665, 176.662, 176.555, 176.555, 176.731, 176.762
EXISTING SURFACE	176.72, 176.72, 176.71, 176.71, 176.71, 176.71, 176.71, 176.71, 176.71
OFFSET	-8.000, -7.950, -6.450, -3.800, -3.650, -3.650, -3.200, 0.000, 3.200, 3.650, 3.650, 6.450, 7.950, 8.000

CH 0.000



DATUM RL 175	
DESIGN SURFACE	176.445, 176.444, 176.414, 176.348, 176.348, 176.414, 176.444, 176.445
EXISTING SURFACE	176.69, 176.69, 176.67, 176.63, 176.63, 176.63, 176.63, 176.63, 176.63
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CH 10.773

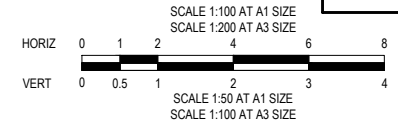


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DESIGN SURFACE	176.656, 176.482, 176.481, 176.451, 176.266, 176.266, 176.332, 176.362, 176.363
EXISTING SURFACE	176.66, 176.64, 176.63, 176.61, 176.56, 176.56, 176.56, 176.56, 176.56
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CH 55.227

BUNYA STREET

**CONTRACTOR**



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**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
1	20/07/2021	ILLAWARRA WAY CROSS SECTIONS UPDATED	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

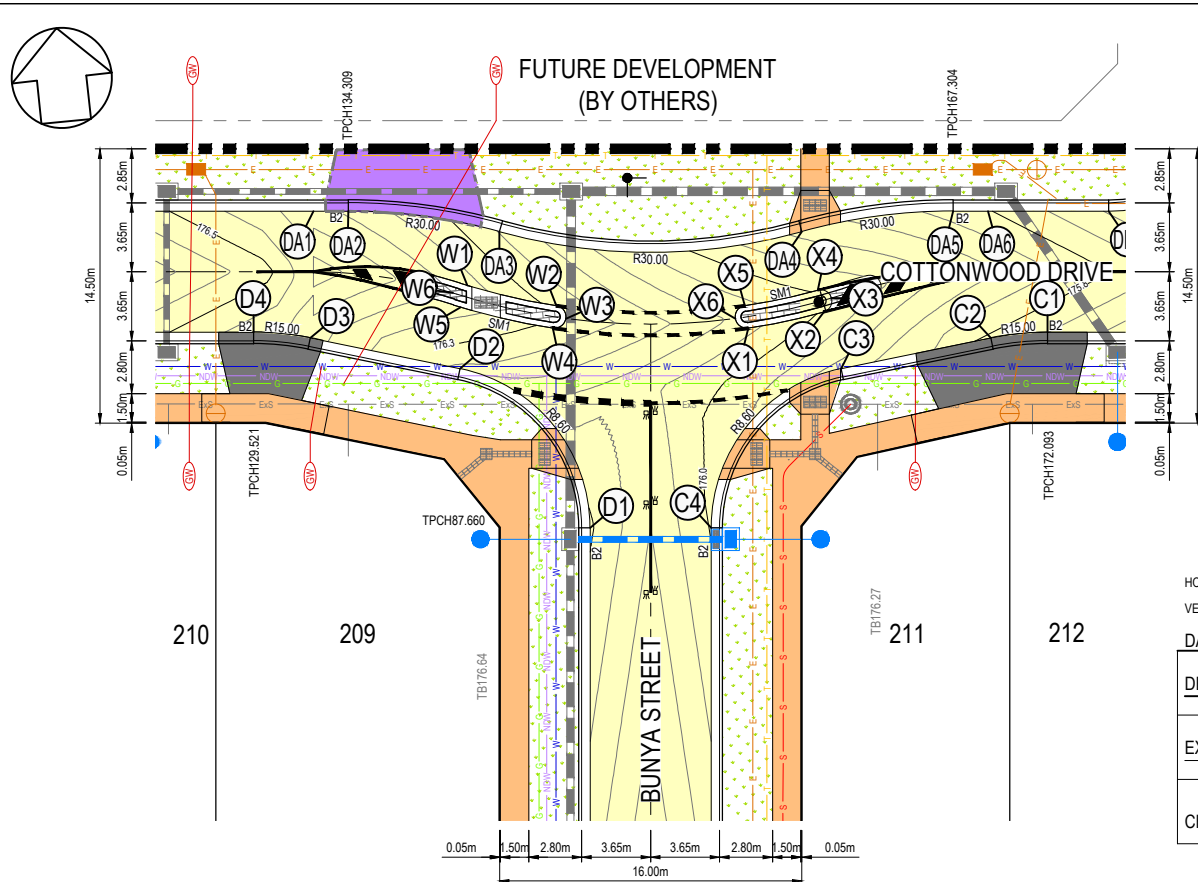
**TAYLORS**  
Urban Development | Infrastructure  
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2800 | Web: taylorso.com.au

DESIGNED: ALP    AUTHORIZED: JOY    DRAFTED: WGO  
CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-109-111

CITY OF WHITTLESEA  
405 EPPING ROAD, WOLLERT VIC 3750  
STAGE 2  
ROAD CROSS SECTIONS  
SHEET 3 OF 3

SCALE 1:100 H, 1:50 V @ A1  
VERSION 1  
SHEET 12 OF 21  
DRAWING No. 21408-02-E-111

NOTE:  
REFER DWG 21408-02-E-114 FOR  
ALIGNMENT AND LIP PROFILES W & X



**BUNYA STREET AND COTTONWOOD DRIVE  
INTERSECTION LAYOUT**  
SCALE 1:200 @ A1

HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
DATUM 174

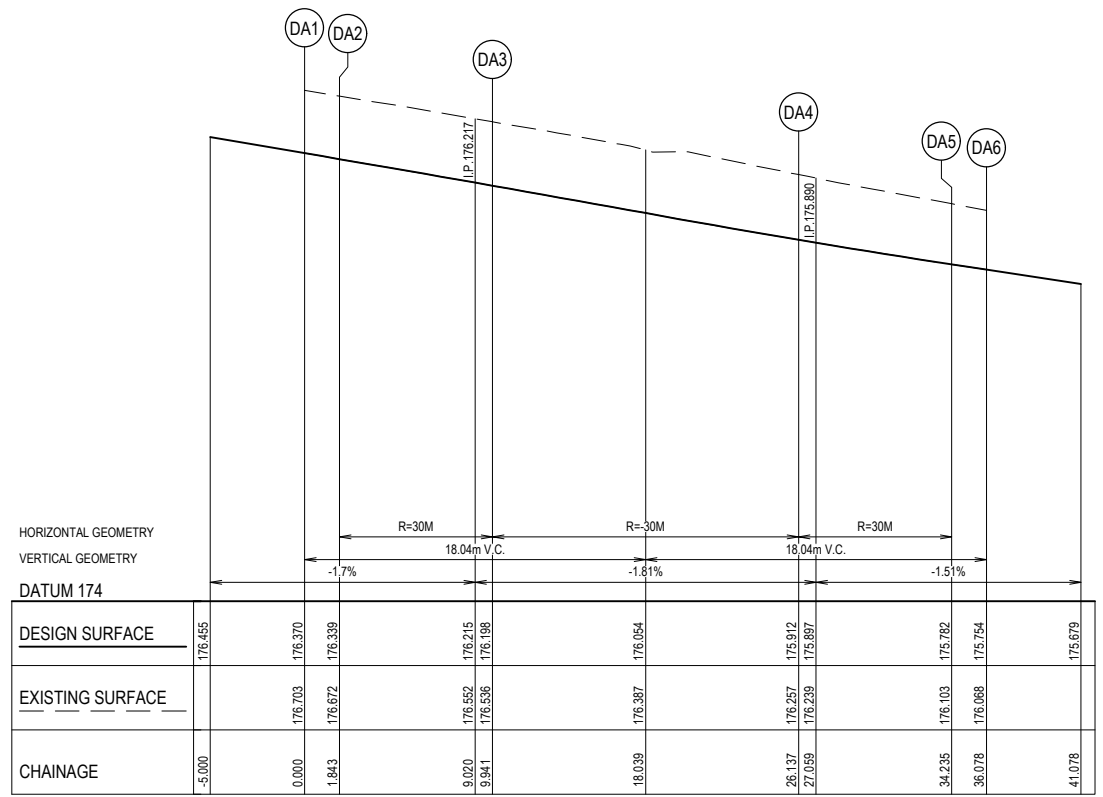
CHAINAGE	DESIGN SURFACE	EXISTING SURFACE
-5.000	175.615	175.615
0.000	175.700	175.700
3.020	175.751	175.751
5.720	175.794	175.794
11.104	175.876	175.876
11.440	175.881	175.881
17.161	175.951	175.951
22.881	175.994	175.994
27.881	176.019	176.019

**LIP PROFILE C**  
HORI 1 in 200  
VERT 1 in 20 @ A1

HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
DATUM 175

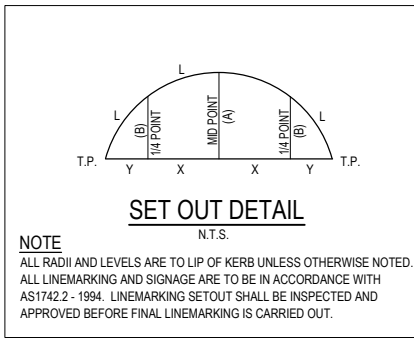
CHAINAGE	DESIGN SURFACE	EXISTING SURFACE
-5.000	176.019	176.019
0.000	176.994	176.994
5.720	176.053	176.053
11.440	176.175	176.175
11.777	176.183	176.183
17.161	176.313	176.313
19.860	176.369	176.369
22.881	176.424	176.424
27.881	176.509	176.509

**LIP PROFILE D**  
HORI 1 in 200  
VERT 1 in 20 @ A1



**LIP PROFILE DA**  
HORI 1 in 200  
VERT 1 in 20 @ A1

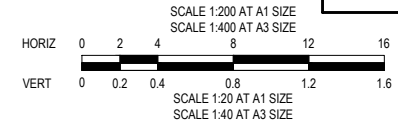
ALIGNMENT C										
POINT NO.	EASTING	NORTHING	RL							
C1	326069.121	5836605.967	175.700							
C2	326066.106	5836605.976	175.751							
C3	326058.061	5836605.187	175.876							
C4	326050.346	5836597.518	175.994							
CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
C1 - C2	11.537	15	3.020	0.076	0.057	0.755	0.753	0.755	175.726	
C3 - C4	78.463	8.6	11.777	1.938	1.439	2.887	2.552	2.944	175.950	
ALIGNMENT D										
POINT NO.	EASTING	NORTHING	RL							
D1	326043.981	5836598.180	175.994							
D2	326038.010	5836607.273	176.183							
D3	326030.299	5836609.700	176.369							
D4	326027.347	5836610.312	176.424							
CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
D1 - D2	78.463	8.6	11.777	1.938	1.439	2.887	2.552	2.944	176.056	
D3 - D4	11.537	15	3.020	0.076	0.057	0.755	0.753	0.755	176.397	
ALIGNMENT DA										
POINT NO.	EASTING	NORTHING	RL							
DA1	326031.149	5836616.351	176.370							
DA2	326032.982	5836616.161	176.339							
DA3	326040.827	5836614.252	176.198							
DA4	326056.741	5836612.597	175.912							
DA5	326064.810	5836612.850	175.782							
DA6	326066.644	5836612.659	175.754							
CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
DE1 - DE2	90.006	8.6	13.51	2.519	1.864	3.291	2.79	3.377	175.577	



**WARNING**  
**BWARE OF UNDERGROUND SERVICES**  
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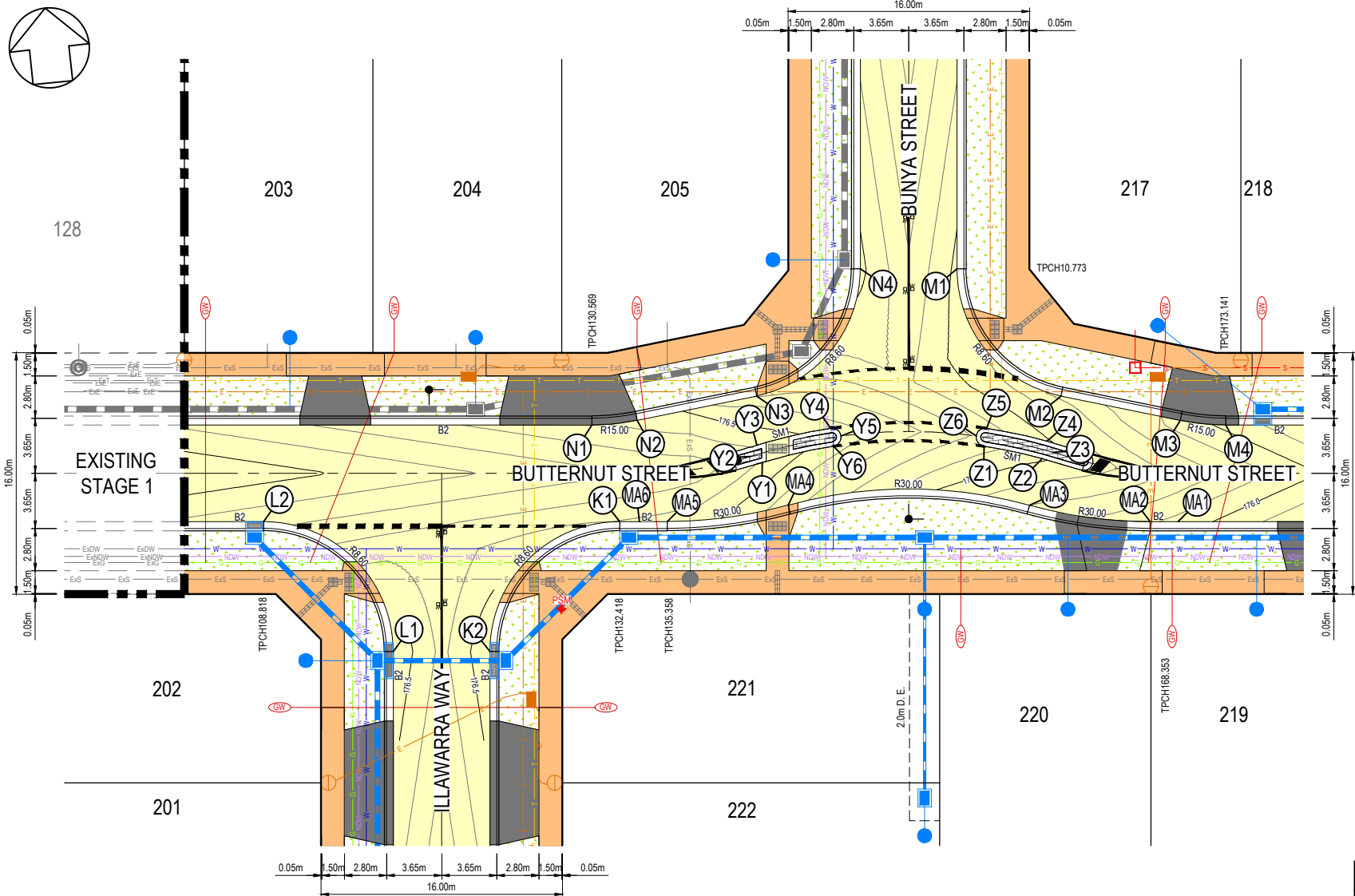
**WARNING**  
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SET OUT INFORMATION PROVIDED ON THIS PLAN WITH THE DESIGN INTENT WHICH INCLUDES, BUT IS NOT LIMITED TO ITEMS SUCH AS LENGTHS, CO-ORDINATES, SET OUT DIMENSIONS AND PEGGED TITLES BY THE PRINCIPAL'S LICENSED SURVEYOR.

**CONTRACTOR**



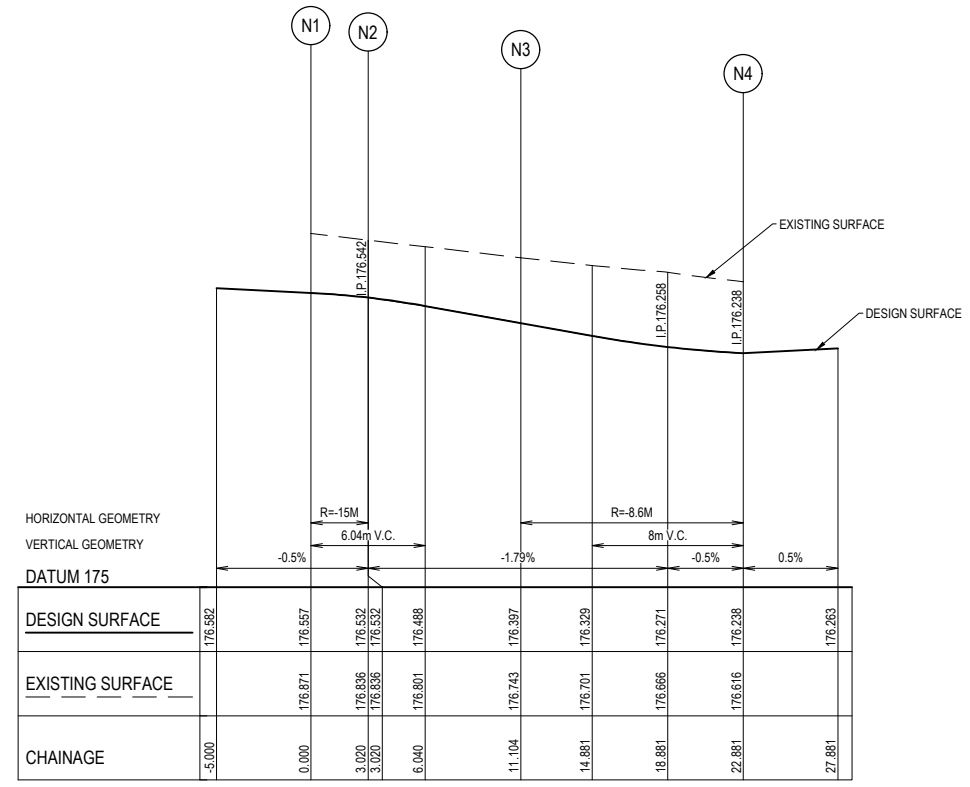
**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

<p>PROPOSED NEW PAVEMENT</p> <p>PROPOSED CONCRETE PATH</p> <p>PROPOSED CROSSOVER</p> <p>PROPOSED LANDSCAPING</p> <p>PROPOSED PAVING</p> <p>FUTURE CROSSOVER (BY OTHERS)</p>		<p>PROPOSED GAS MAIN</p> <p>PROPOSED NON-DRINKING WATER</p> <p>PROPOSED WATER MAIN</p> <p>PROPOSED ELECTRICITY CABLE &amp; PIT</p> <p>PROPOSED TELCO CABLE</p> <p>PROPOSED SEWER MAIN &amp; M.H.</p> <p>PROPOSED DRAIN &amp; PIT</p>		<p>PROPOSED PROPERTY INLETS</p> <p>EXISTING DRAIN &amp; PIT</p> <p>STREET NAME SIGN</p> <p>P.S.M.</p> <p>PROPOSED GAS &amp; WATER CONDUIT</p>		<p><b>TAYLORS</b> Urban Development   Infrastructure 8/270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2800   Web: taylors.com.au</p>		<p>CITY OF WHITTLESEA 405 EPPING ROAD, WOLLERT VIC 3750 STAGE 2 INTERSECTION DETAILS AND KERB LIP PROFILES SHEET 1 OF 4</p>		<p>SCALE AS SHOWN @ A1</p> <p>VERSION 0</p> <p>SHEET 13 OF 21</p> <p>DRAWING No. 21408-02-E-112</p>	
DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO	<p>DESIGNED: ALP</p>		AUTHORISED: JOY	DRAFTED: WGO	<p>DESIGNED: ALP</p>		AUTHORISED: JOY	DRAFTED: WGO	
CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-112-115	<p>CHECKED: MIO</p>		AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-112-115	<p>CHECKED: MIO</p>		AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-112-115	

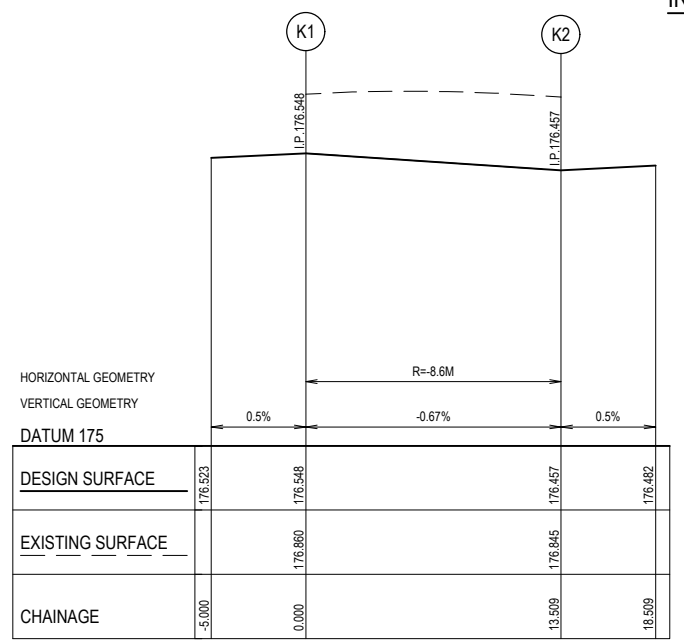


**ILLAWARRA WAY, BUNYA STREET AND BUTTERNUT STREET INTERSECTION LAYOUT**  
SCALE 1:200 @ A1

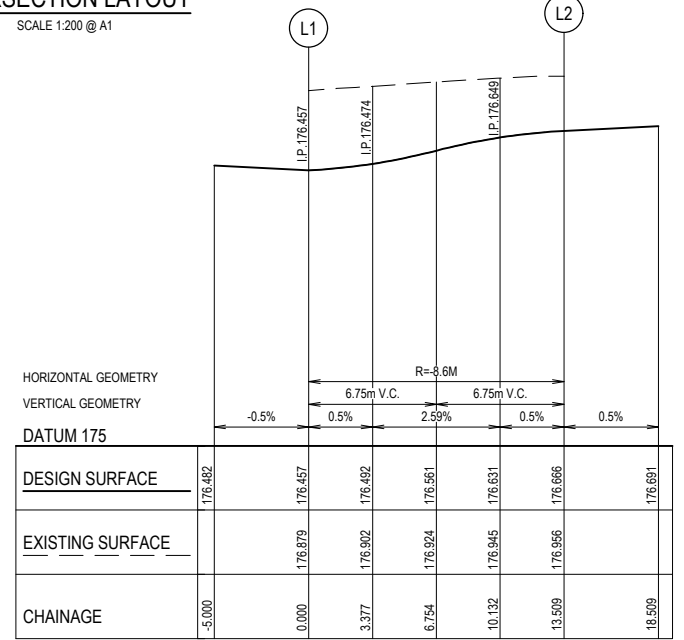
NOTE:  
REFER DWG 21408-02-E-114 FOR  
ALIGNMENT AND LIP PROFILES M, MA,  
Y & Z



**LIP PROFILE N**  
HORI 1 in 200 @ A1  
VERT 1 in 20



**LIP PROFILE K**  
HORI 1 in 200 @ A1  
VERT 1 in 20



**LIP PROFILE L**  
HORI 1 in 200 @ A1  
VERT 1 in 20

**ALIGNMENT K**

POINT NO.	EASTING	NORTHING	RL
K1	326018.427	5836506.700	176.548
K2	326008.984	5836499.036	176.457

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
K1 - K2	90	8.6	13.509	2.519	1.864	3.291	2.790	3.377	176.502

**ALIGNMENT L**

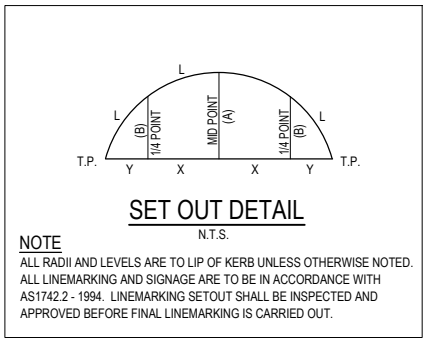
POINT NO.	EASTING	NORTHING	RL
L1	326002.618	5836499.698	176.457
L2	325994.954	5836509.142	176.666

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
L1 - L2	90	8.6	13.509	2.519	1.864	3.291	2.790	3.377	176.561

**ALIGNMENT N**

POINT NO.	EASTING	NORTHING	RL
N1	326017.251	5836513.257	176.557
N2	326020.266	5836513.248	176.532
N3	326028.311	5836514.036	176.397
N4	326036.025	5836521.706	176.238

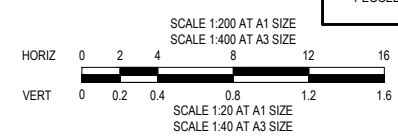
CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
N1 - N2	11.537	15	3.020	0.076	0.057	0.755	0.753	0.755	176.547
N3 - N4	78.463	8.6	11.777	1.938	1.439	2.887	2.552	2.944	176.295



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**CONTRACTOR**



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

PROPOSED NEW PAVEMENT	PROPOSED GAS MAIN	PROPOSED PROPERTY INLETS
PROPOSED CONCRETE PATH	PROPOSED NON-DRINKING WATER	EXISTING DRAIN & PIT
PROPOSED CROSSOVER	PROPOSED WATER MAIN	STREET NAME SIGN
PROPOSED LANDSCAPING	PROPOSED ELECTRICITY CABLE & PIT	P.S.M.
PROPOSED PAVING	PROPOSED TELCO CABLE	PROPOSED GAS & WATER CONDUIT
	PROPOSED SEWER MAIN & M.H.	
	PROPOSED DRAIN & PIT	

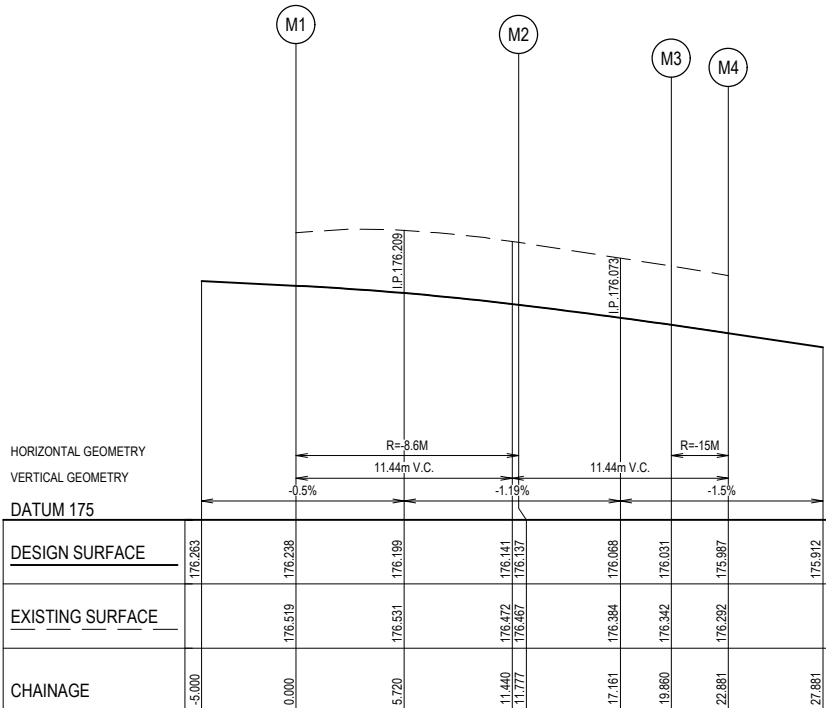
**TAYLORS**  
Urban Development | Infrastructure  
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2600 | Web: taylors.com.au

DESIGNED: ALP    AUTHORIZED: JOY    DRAFTED: WGO  
CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-112-115

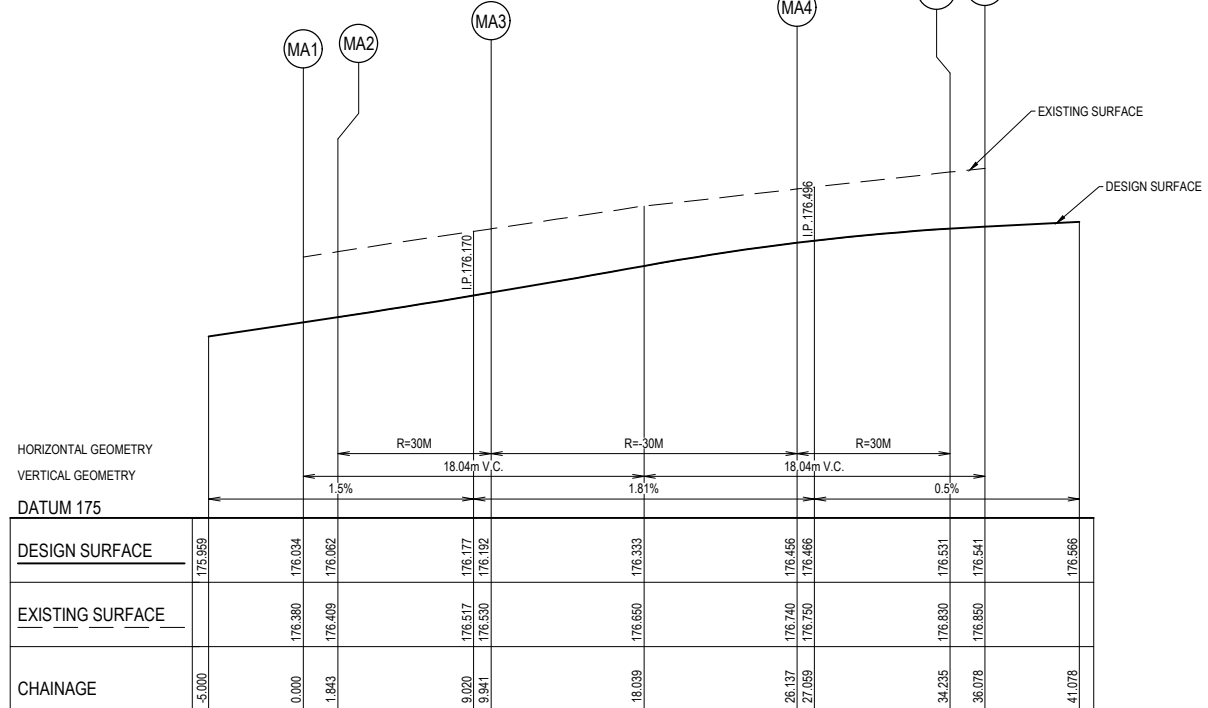
CITY OF WHITTLESEA  
405 EPPING ROAD, WOLLERT VIC 3750  
STAGE 2  
INTERSECTION DETAILS AND KERB LIP PROFILES  
SHEET 2 OF 4

SCALE AS SHOWN @ A1  
VERSION 0  
SHEET 14 OF 21  
DRAWING No. 21408-02-E-113

NOTE:  
REFER DWG 21408-02-E-113 FOR  
SETOUT M, MA, Y & X  
REFER DWG 21408-02-E-112 FOR  
SETOUT W & X



LIP PROFILE M  
HORI 1 in 200  
VERT 1 in 20 @ A1



LIP PROFILE MA  
HORI 1 in 200  
VERT 1 in 20 @ A1

ALIGNMENT MA			
POINT NO.	EASTING	NORTHING	RL
MA1	326055.223	5836502.872	176.034
MA2	326053.390	5836503.063	176.062
MA3	326045.545	5836504.971	176.192
MA4	326029.631	5836506.627	176.456
MA5	326021.562	5836506.374	176.531
MA6	326019.728	5836506.565	176.541

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
MA2 - MA3	15.466	30	8.098	0.273	0.205	2.023	2.014	2.024	176.126
MA3 - MA4	30.932	30	16.196	1.086	0.814	4.037	3.96	4.049	176.333
MA4 - MA5	15.466	30	8.098	0.273	0.205	2.023	2.014	2.024	176.499

ALIGNMENT M			
POINT NO.	EASTING	NORTHING	RL
M1	326042.391	5836521.043	176.238
M2	326048.362	5836511.951	176.137
M3	326056.073	5836509.523	176.031
M4	326059.025	5836508.911	175.987

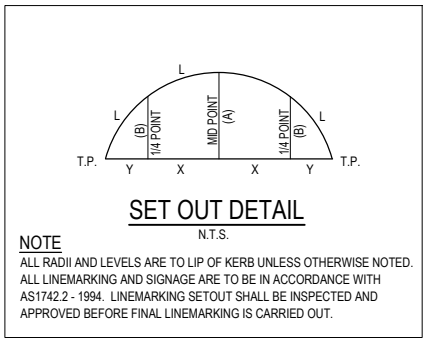
CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
M1 - M2	78.463	8.6	11.777	1.938	1.439	2.887	2.552	2.944	176.198
M3 - M4	11.537	15	3.020	0.076	0.057	0.755	0.753	0.755	176.009

ALIGNMENT X			
POINT NO.	EASTING	NORTHING	RL
X1	326053.396	5836607.821	176.06
X2	326057.455	5836608.255	175.99
X3	326057.948	5836608.946	176
X4	326057.257	5836609.439	175.99
X5	326053.339	5836609.02	176.06
X6	326052.768	5836608.392	176.09

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
X1 - X2	6.804	34.4	4.085	0.061	0.045	1.021	1.02	1.021	176.03
X2 - X3	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	175.994
X3 - X4	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	175.995
X4 - X5	6.804	33.2	3.942	0.059	0.044	0.985	0.99	0.986	176.026
X5 - X6	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.077
X6 - X1	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.077

ALIGNMENT Y			
POINT NO.	EASTING	NORTHING	RL
Y1	326028.234	5836509.625	176.54
Y2	326027.53	5836510.099	176.57
Y3	326028.004	5836510.803	176.54
Y4	326032.976	5836511.402	176.47
Y5	326033.604	5836510.831	176.48
Y6	326033.033	5836510.204	176.47

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
Y1 - Y2	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.558
Y2 - Y3	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.558
Y3 - Y4	8.349	34.4	5.013	0.091	0.068	1.253	1.25	1.253	176.507
Y4 - Y5	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.475
Y5 - Y6	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.474
Y6 - Y1	8.349	33.2	4.838	0.088	0.066	1.209	1.21	1.209	176.505



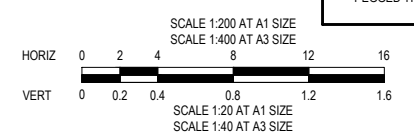
ALIGNMENT W			
POINT NO.	EASTING	NORTHING	RL
W1	326038.842	5836611.606	176.32
W2	326043.419	5836610.052	176.24
W3	326043.849	5836609.32	176.25
W4	326043.117	5836608.891	176.24
W5	326038.375	5836610.501	176.32
W6	326038.056	5836611.287	176.35

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
W1 - W2	8.349	33.2	4.838	0.088	0.066	1.209	1.21	1.209	176.275
W2 - W3	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.234
W3 - W4	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.237
W4 - W5	8.349	34.4	5.013	0.091	0.068	1.253	1.25	1.253	176.278
W5 - W6	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.334
W6 - W1	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.334

ALIGNMENT Z			
POINT NO.	EASTING	NORTHING	RL
Z1	326042.953	5836509.172	176.32
Z2	326046.7	5836507.955	176.26
Z3	326047.478	5836508.295	176.27
Z4	326047.138	5836509.073	176.26
Z5	326043.255	5836510.333	176.32
Z6	326042.523	5836509.903	176.35

CURVE NO.	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
Z1 - Z2	6.804	33.2	3.942	0.059	0.044	0.985	0.99	0.986	176.285
Z2 - Z3	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.261
Z3 - Z4	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.262
Z4 - Z5	6.804	34.4	4.085	0.061	0.045	1.021	1.02	1.021	176.288
Z5 - Z6	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.33
Z6 - Z1	90	0.6	0.942	0.176	0.13	0.23	0.2	0.236	176.331

**CONTRACTOR**



**WARNING**  
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**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

**TAYLORS**  
Urban Development | Infrastructure  
8/270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2800 | Web: taylors.com.au

DESIGNED: ALP    AUTHORISED: JOY    DRAFTED: WGO  
CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-112-115

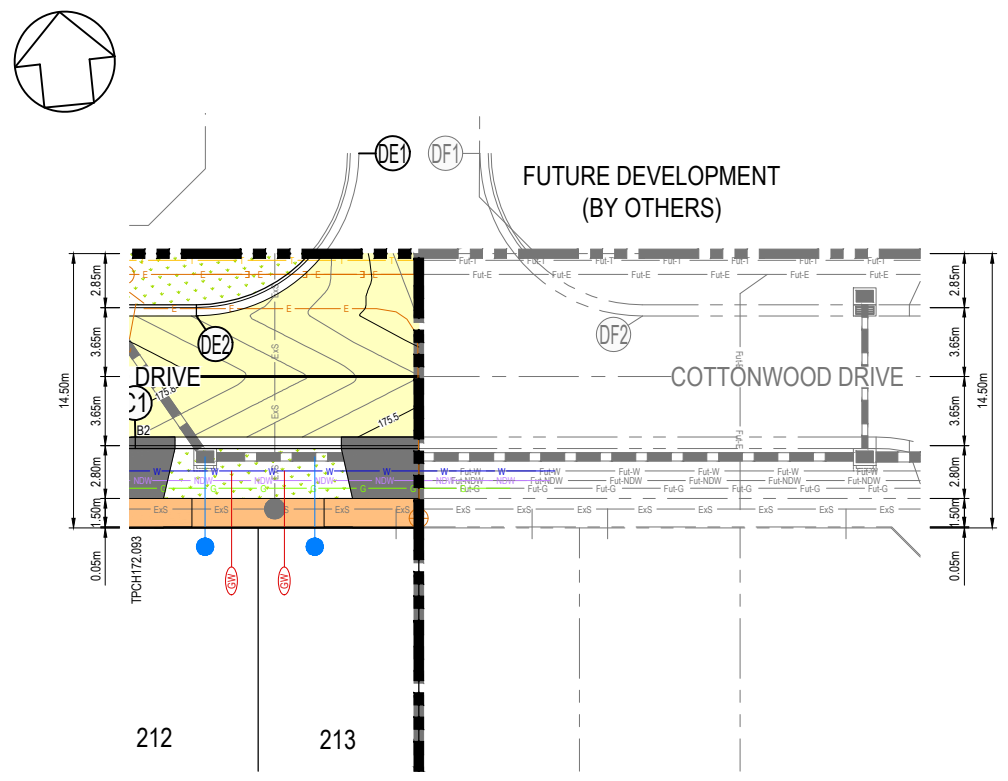
Coords: MGA    Levels: AHD

CITY OF WHITTLESEA  
405 EPPING ROAD, WOLLERT VIC 3750  
STAGE 2  
INTERSECTION DETAILS AND KERB LIP PROFILES  
SHEET 3 OF 4

SCALE AS SHOWN @ A1  
VERSION 0  
SHEET 15 OF 21  
DRAWING No. 21408-02-E-114



NOTE:  
REFER DWG 21408-02-E-113 FOR  
SETOUT M, MA, Y & X  
REFER DWG 21408-02-E-112 FOR  
SETOUT W & X



**COTTONWOOD DRIVE  
INTERSECTION LAYOUT**  
SCALE 1:200 @ A1

HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
DATUM 174

DESIGN SURFACE	EASTING	NORTHING	RL
	175.467	175.577	175.645
EXISTING SURFACE			
	175.745	175.804	175.906
CHAINAGE			
	0.000	6.755	13.510

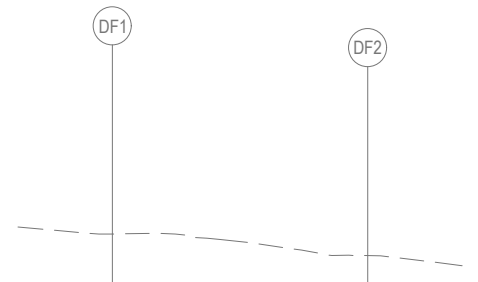
**LIP PROFILE DE**  
HORI 1 in 200  
VERT 1 in 20

ALIGNMENT DE

POINT NO	EASTING	NORTHING	RL
DE1	326082.443	5836619.662	175.467
DE2	326072.999	5836611.997	175.645

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
DE1 - DE2	90.006	8.6	13.51	2.519	1.864	3.291	2.79	3.377	175.577



**LIP PROFILE DF**  
HORI 1 in 200  
VERT 1 in 20

HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
DATUM 174

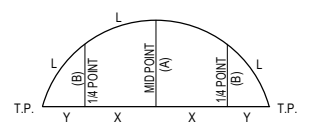
DESIGN SURFACE	EASTING	NORTHING	RL
	175.109	175.244	175.109
EXISTING SURFACE			
	175.626	175.512	175.512
CHAINAGE			
	0.000	13.509	13.509

ALIGNMENT DF

POINT NO	EASTING	NORTHING	RL
DF1	326088.809	5836618.999	175.109
DF2	326096.473	5836609.556	175.244

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
DF1 - DF2	89.999	8.6	13.509	2.519	1.864	3.291	2.79	3.377	175.177



**SET OUT DETAIL**  
N.T.S.

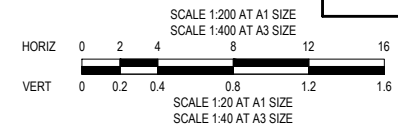
NOTE  
ALL RADII AND LEVELS ARE TO LIP OF KERB UNLESS OTHERWISE NOTED.  
ALL LINEMARKING AND SIGNAGE ARE TO BE IN ACCORDANCE WITH  
AS1742.2 - 1994. LINEMARKING SETOUT SHALL BE INSPECTED AND  
APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.



**WARNING**  
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SHOWN. A MOCS ENQUIRY ON 1100 MUST BE MADE BY THE  
CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.

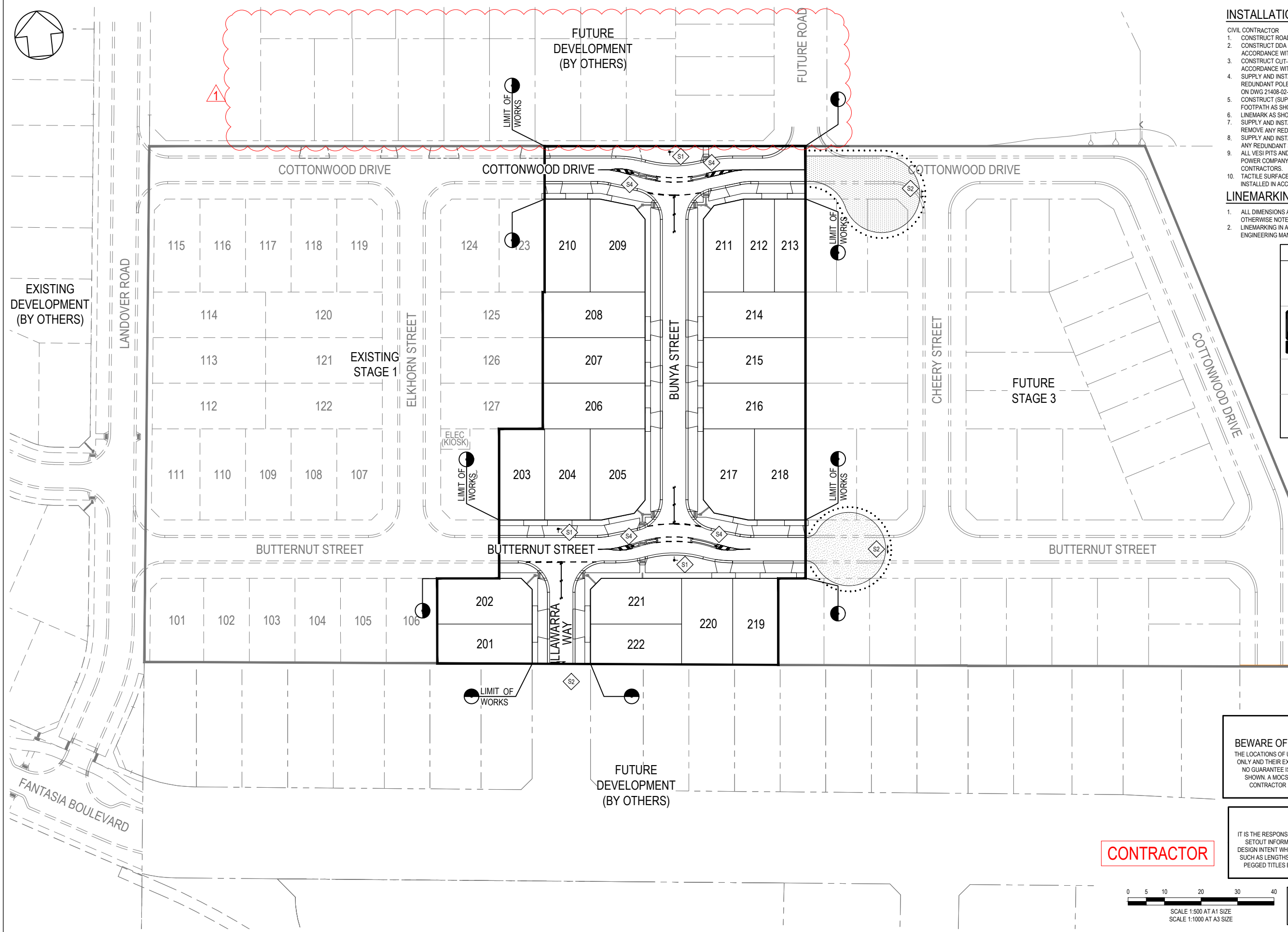
**WARNING**  
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SETOUT INFORMATION PROVIDED ON THIS PLAN WITH THE  
DESIGN INTENT WHICH INCLUDES, BUT IS NOT LIMITED TO ITEMS  
SUCH AS LENGTHS, CO-ORDINATES, SETOUT DIMENSIONS AND  
PEGGED TITLES BY THE PRINCIPAL'S LICENSED SURVEYOR.

**CONTRACTOR**



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

PROPOSED NEW PAVEMENT		PROPOSED GAS MAIN	PROPOSED PROPERTY INLETS	 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2600   Web: taylorss.com.au	CITY OF WHITTLESEA 405 EPPING ROAD, WOLLERT VIC 3750 STAGE 2 INTERSECTION DETAILS AND KERB LIP PROFILES SHEET 4 OF 4	SCALE AS SHOWN @ A1
PROPOSED CONCRETE PATH		PROPOSED NON-DRINKING WATER	EXISTING DRAIN & PIT			VERSION 0
PROPOSED WATER MAIN		PROPOSED WATER MAIN	STREET NAME SIGN			SHEET 16 OF 21
PROPOSED CROSSOVER		PROPOSED ELECTRICITY CABLE & PIT	P.S.M.			DRAWING No.
PROPOSED LANDSCAPING		PROPOSED TELCO CABLE	PROPOSED GAS & WATER CONDUIT			21408-02-E-115
0	2/12/2021	ISSUED FOR CONSTRUCTION	MIO	DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO
VER	DATE	REVISION	APPD.	CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-112-115



- INSTALLATION NOTES:**
- CIVIL CONTRACTOR
  - CONSTRUCT ROADWORKS AS SHOWN.
  - CONSTRUCT DDA COMPLIANT PRAM CROSSINGS IN ACCORDANCE WITH AS1428.
  - CONSTRUCT CUT-THROUGH WALKWAYS AS SHOWN IN ACCORDANCE WITH AS1428.
  - SUPPLY AND INSTALL PUBLIC LIGHTING AND REMOVE ANY REDUNDANT POLES OR EQUIPMENT. REFER GENERAL NOTES ON DWG 21408-02-E-100.
  - CONSTRUCT (SUPPLY ALL MATERIALS AND LABOR) PEDESTRIAN FOOTPATH AS SHOWN.
  - LINEMARK AS SHOWN AND REMOVE ANY REDUNDANT MARKINGS.
  - SUPPLY AND INSTALL RRPMS AND RPMS AS SHOWN AND REMOVE ANY REDUNDANT MARKERS.
  - SUPPLY AND INSTALL ROAD SIGNS WHERE SHOWN AND REMOVE ANY REDUNDANT SIGNS.
  - ALL VESI PITS AND ASSOCIATED CONDUITS TO BE INSTALLED BY POWER COMPANY APPROVED PRE-QUALIFIED ELECTRICAL CONTRACTORS.
  - TACTILE SURFACE INDICATORS ARE TO BE PLACED AND INSTALLED IN ACCORDANCE WITH CITY OF WHITTLESEA SD 320.
- LINEMARKING NOTES:**
- ALL DIMENSIONS ARE TO FACE OF KERB AND CHANNEL UNLESS OTHERWISE NOTED.
  - LINEMARKING IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2: SIGNS AND LINEMARKING.

SIGN	TYPE
	STREET NAME PLATE S1
	D4-5 S2
	R1-2 S3
	R2-3A S4

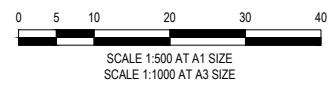
**SIGNAGE LEGEND**  
N.T.S.



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**CONTRACTOR**



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
1	2/12/2021	NORTHERN INTERFACE ADDED	WJB
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

LEGEND
300mm WIDE GIVE WAY HOLDING LINE
100mm WIDE BARRIER LINE
RAISED REFLECTIVE PAVEMENT MARKERS
TGSI (TACTILE GROUND SURFACE INDICATORS)

COORDS	LEVELS
MGA	AHD

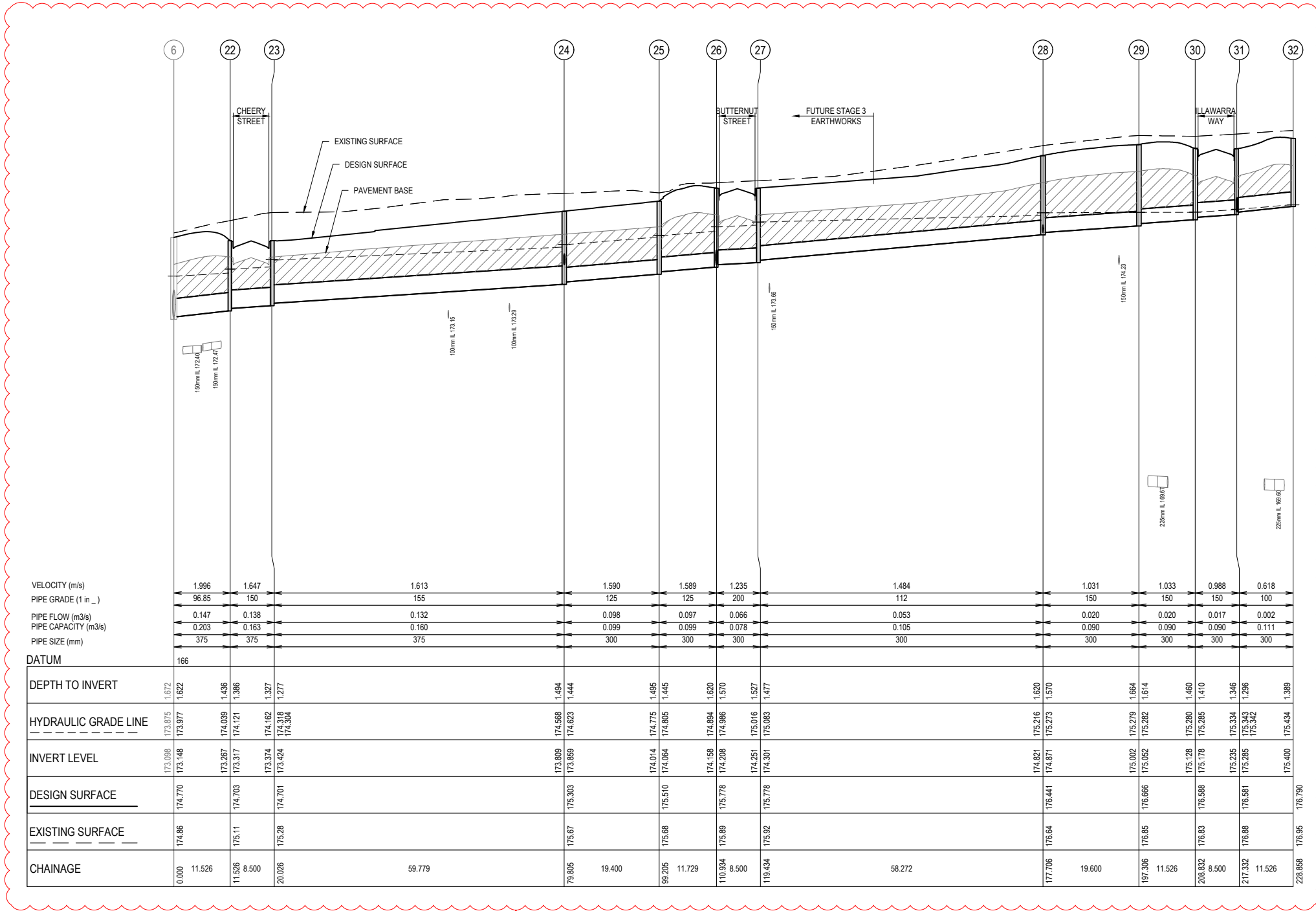
<b>TAYLORS</b> Urban Development   Infrastructure 8/270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2600   Web: taylors.com.au			
DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO	
CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-116	

CITY OF WHITTLESEA	
405 EPPING ROAD, WOLLERT VIC 3750	
STAGE 2	
SIGNS AND LINEMARKING PLAN	

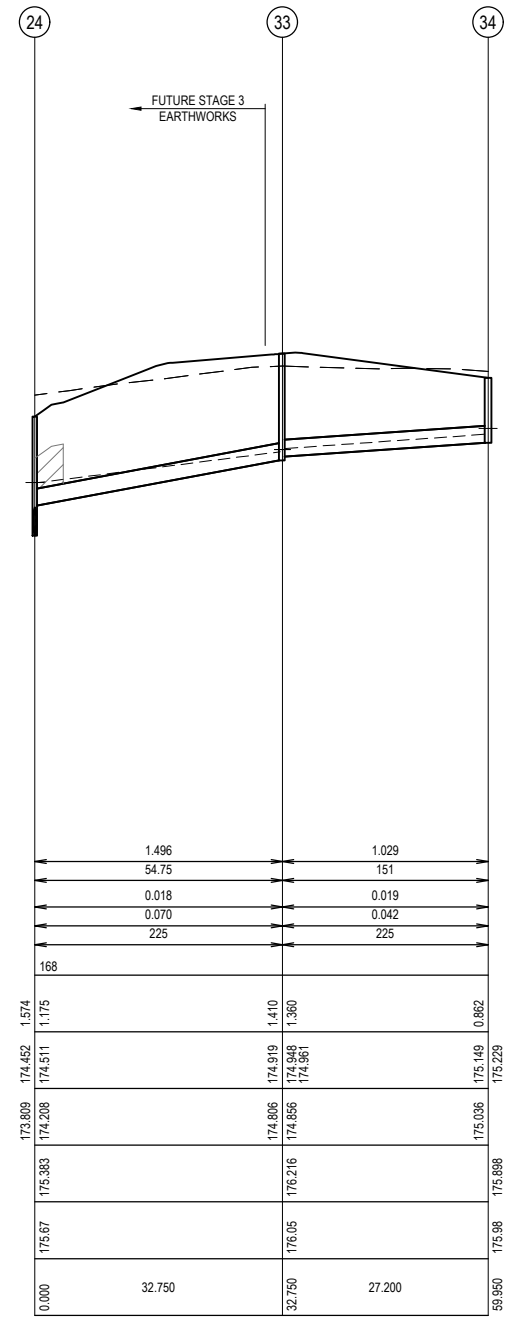
SCALE	1:500 @ A1
VERSION	1
SHEET	17 OF 21
DRAWING No.	21408-02-E-116

**NOTES**

1. PIPE ARE TO BE CLASS 2 AND RRJ UNLESS NOTED OTHERWISE.
2. STRUCTURAL FILL USED ONLY WHEN EXISTING SURFACE IS BELOW FOOTPATH.



VELOCITY (m/s)	1.996	1.647	1.613	1.590	1.589	1.235	1.484	1.031	1.033	0.988	0.618
PIPE GRADE (1 in ...)	96.85	150	155	125	125	200	112	150	150	100	100
PIPE FLOW (m3/s)	0.147	0.138	0.132	0.098	0.097	0.066	0.053	0.020	0.020	0.017	0.002
PIPE CAPACITY (m3/s)	0.203	0.163	0.160	0.099	0.099	0.078	0.105	0.090	0.090	0.090	0.111
PIPE SIZE (mm)	375	375	375	300	300	300	300	300	300	300	300
DATUM	166										
DEPTH TO INVERT	1.672	1.622	1.456	1.494	1.444	1.495	1.445	1.620	1.614	1.460	1.389
HYDRAULIC GRADE LINE	173.915	173.917	174.039	174.623	174.715	174.865	174.894	175.216	175.282	175.285	175.434
INVERT LEVEL	173.038	173.148	173.267	173.859	174.014	174.064	174.156	174.251	175.002	175.128	175.235
DESIGN SURFACE	174.770	174.703	174.121	175.303	175.510	175.778	175.778	176.441	176.666	176.588	176.581
EXISTING SURFACE	174.86	175.11	175.28	175.67	175.88	175.89	175.92	176.64	176.85	176.83	176.88
CHAINAGE	0.000	11.526	11.526	19.400	19.400	11.729	11.729	58.272	58.272	11.526	11.526



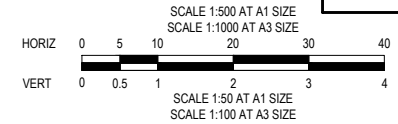
VELOCITY (m/s)	1.496	1.029
PIPE GRADE (1 in ...)	54.75	151
PIPE FLOW (m3/s)	0.018	0.019
PIPE CAPACITY (m3/s)	0.070	0.042
PIPE SIZE (mm)	225	225
DATUM	168	
DEPTH TO INVERT	1.574	0.862
HYDRAULIC GRADE LINE	174.511	175.149
INVERT LEVEL	174.208	174.961
DESIGN SURFACE	175.383	176.216
EXISTING SURFACE	175.67	176.05
CHAINAGE	32.750	27.200



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**CONTRACTOR**



**CONSTRUCTION**  
 ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
1	20/07/2021	LONGITUDINAL SECTION UPDATED	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

**LEGEND**  
 DENOTES 20mm CLASS 2 FOR BACKFILL

**TAYLORS**  
 Urban Development | Infrastructure  
 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
 Tel: 61 3 9501 2600 | Web: taylors.com.au

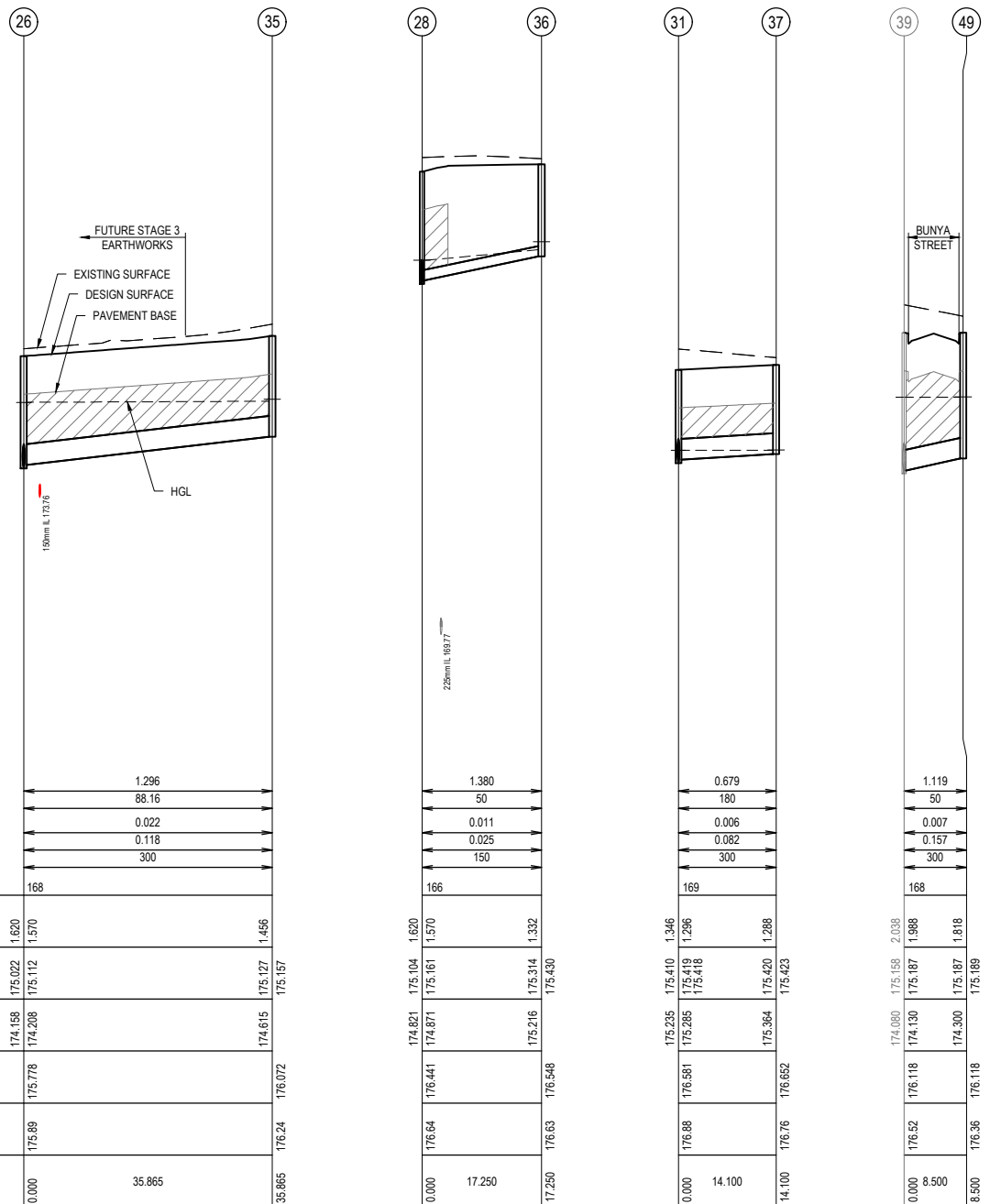
DESIGNED: ALP    AUTHORISED: JOY    DRAFTED: WGO  
 CHECKED: MIO    AUTH. DATE: 18/05/2020    CAD REF: 21408-02-E-117-118

CITY OF WHITTLESEA  
 405 EPPING ROAD, WOLLERT VIC 3750  
 STAGE 2  
 DRAINAGE LONGITUDINAL SECTIONS  
 SHEET 1 OF 2

SCALE 1:500 H, 1:50 V @ A1  
 VERSION 1  
 SHEET 18 OF 21  
 DRAWING No. 21408-02-E-117

**NOTES**

1. PIPE ARE TO BE CLASS 2 AND RRJ UNLESS NOTED OTHERWISE.
2. STRUCTURAL FILL USED ONLY WHEN EXISTING SURFACE IS BELOW FOOTPATH.



VELOCITY (m/s)  
 PIPE GRADE (1 in ...)  
 PIPE FLOW (m3/s)  
 PIPE CAPACITY (m3/s)  
 PIPE SIZE (mm)

DATUM	168
DEPTH TO INVERT	1.620 1.570 1.466
HYDRAULIC GRADE LINE	175.022 175.112 175.127 175.157
INVERT LEVEL	174.168 174.208 174.615 174.672
DESIGN SURFACE	175.778 176.072
EXISTING SURFACE	175.89 176.24
CHAINAGE	0.000 35.865 35.885

DEPTH TO INVERT	1.620 1.570 1.532
HYDRAULIC GRADE LINE	175.104 175.161 175.314 175.430
INVERT LEVEL	174.821 174.871 175.216 175.430
DESIGN SURFACE	176.441 176.548
EXISTING SURFACE	176.64 176.63
CHAINAGE	0.000 17.250 17.250

DEPTH TO INVERT	1.346 1.296 1.288
HYDRAULIC GRADE LINE	175.410 175.418 175.420 175.423
INVERT LEVEL	175.235 175.265 175.364 175.423
DESIGN SURFACE	176.581 176.652
EXISTING SURFACE	176.88 176.76
CHAINAGE	0.000 14.100 14.100

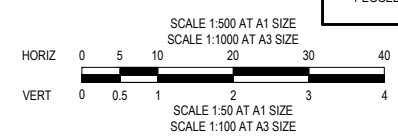
DEPTH TO INVERT	2.038 1.988 1.818
HYDRAULIC GRADE LINE	175.158 175.187 175.187 175.189
INVERT LEVEL	174.080 174.130 174.300 174.300
DESIGN SURFACE	176.118 176.118
EXISTING SURFACE	176.52 176.36
CHAINAGE	0.000 8.500 8.500



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**CONTRACTOR**



**CONSTRUCTION**  
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VER	DATE	REVISION	APPD.
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

**LEGEND**  
 DENOTES 20mm CLASS 2 FCR BACKFILL

**TAYLORS**  
 Urban Development | Infrastructure  
 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
 Tel: 61 3 9501 2600 | Web: taylorso.com.au

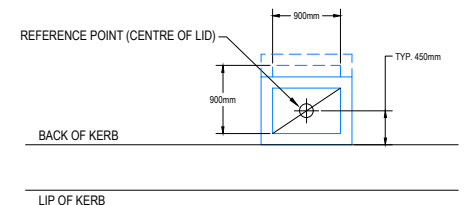
CITY OF WHITTLESEA  
 405 EPPING ROAD, WOLLERT VIC 3750  
 STAGE 2  
 DRAINAGE LONGITUDINAL SECTIONS  
 SHEET 2 OF 2

SCALE 1:500 H, 1:50 V @ A1  
 VERSION 0  
 SHEET 19 OF 21  
 DRAWING No.  
**21408-02-E-118**

DESIGNED: ALP AUTHORIZED: JOY DRAFTED: WGO  
 CHECKED: MIO AUTH. DATE: 18/05/2020 CAD REF: 21408-02-E-117-118

PIT SCHEDULE												
PIT				INTERNAL	INLET	OUTLET	PIT		REMARKS			
NAME	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
6 (EXISTING)	JP	326132.072	5836598.362	0.900	0.900	375	173.166			174.770	1.654	CONNECT INTO EXISTING PIT
11 (EXISTING)	JP(FUT.GSEP)	326023.542	5836618.198	0.600	0.900	300	174.693	300	174.643	176.645	2.002	PIT TO BE MODIFIED INTO GSEP AND MATCH FS
12 (EXISTING)	JP(FUT.GSEP)	326022.663	5836609.744	0.600	0.900	300	174.955	300	174.905	176.624	1.718	PIT TO BE MODIFIED INTO GSEP AND MATCH FS
22	JP(FUT.GSEP)	326123.123	5836591.099	0.900	0.600	375	173.317	375	173.267	174.703	1.436	CONSTRUCT AS PER EDCM 605. PIT TO BE MODIFIED INTO GSEP IN STAGE 3.
23	JP(FUT.GSEP)	326114.669	5836591.979	0.600	0.900	375	173.424	375	173.374	174.701	1.327	CONSTRUCT AS PER EDCM 605. PIT TO BE MODIFIED INTO GSEP IN STAGE 3.
24	JP	326108.483	5836532.521	0.600	0.900	300	173.859	375	173.809	175.303	1.494	CONSTRUCT AS PER EDCM 605
25	JP(FUT.GSEP)	326106.476	5836513.225	0.600	0.900	300	174.064	300	174.014	175.510	1.495	CONSTRUCT AS PER EDCM 605. PIT TO BE MODIFIED INTO GSEP IN STAGE 3.
26	JP(FUT.GSEP)	326097.243	5836505.991	0.900	0.600	300	174.208	300	174.158	175.776	1.620	CONSTRUCT AS PER EDCM 605. PIT TO BE MODIFIED INTO GSEP IN STAGE 3.
27	JP(FUT.GSEP)	326096.369	5836497.536	0.600	0.900	300	174.301	300	174.251	175.778	1.527	CONSTRUCT AS PER EDCM 605. PIT TO BE MODIFIED INTO GSEP IN STAGE 3.
28	JP	326038.410	5836503.566	0.600	0.900	300	174.871	300	174.821	176.441	1.620	CONSTRUCT AS PER EDCM 605
29	JP	326018.915	5836505.594	0.600	0.900	300	175.052	300	175.002	176.666	1.664	CONSTRUCT AS PER EDCM 605
30	DGSEP	326009.966	5836498.331	0.600	0.900	300	175.178	300	175.128	176.588	1.460	CONSTRUCT AS PER EDCM 602
31	DGSEP	326001.511	5836499.210	0.900	0.600	300	175.285	300	175.235	176.581	1.346	CONSTRUCT AS PER EDCM 602
32	GSEP	325994.248	5836508.160	0.600	0.900			300	175.400	176.790	1.389	CONSTRUCT AS PER EDCM 601
33	JP	326075.909	5836535.909	0.900	0.600	225	174.856	225	174.806	176.216	1.410	CONSTRUCT AS PER EDCM 605
34	JP	326078.723	5836562.963	0.600	0.900			225	175.036	175.980	0.944	CONSTRUCT AS PER EDCM 605
35	GSEP	326061.571	5836509.702	0.600	0.900			300	174.615	176.072	1.456	CONSTRUCT AS PER EDCM 601
36	JP	326036.625	5836486.408	0.600	0.900			150	175.216	176.548	1.332	CONSTRUCT AS PER EDCM 605
37	JP	326000.053	5836485.186	0.600	0.900			300	175.364	176.652	1.288	CONSTRUCT AS PER EDCM 605
39 (EXISTING)	JP(FUT.GSEP)	326042.874	5836597.692	0.600	0.900	300	174.130			176.118	2.038	CONNECT INTO EXISTING PIT. PIT TO BE MODIFIED INTO GSEP AND MATCH FS
40 (EXISTING)	JP	326040.977	5836579.457	0.600	0.900	375	174.281	375	174.231	176.227	1.996	PIT TO MATCH FS LEVEL
41 (EXISTING)	JP(FUT.GSEP)	326035.043	5836522.411	0.600	0.900	375	174.618	375	174.568	176.366	1.797	PIT TO BE MODIFIED INTO GSEP AND MATCH FS
42 (EXISTING)	JP	326031.581	5836516.674	0.600	0.900	375	174.837	375	174.787	176.449	1.662	PIT TO MATCH FS LEVEL
43 (EXISTING)	JP(FUT.GSEP)	326009.701	5836515.098	0.600	0.900	375	175.022	375	174.947	176.717	1.770	PIT TO BE MODIFIED INTO GSEP AND MATCH FS
49	GSEP	326051.329	5836596.813	0.600	0.900			300	174.300	176.118	1.818	CONSTRUCT AS PER EDCM 601

1



PIT SETOUT POINT  
SCALE 1:50

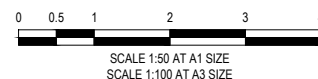
LEGEND:  
JP JUNCTION PIT  
GSEP GRATED SIDE ENTRY PIT  
DGSEP DOUBLE GRATE SIDE ENTRY PIT



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CONTRACTOR



**CONSTRUCTION**  
ISSUED FOR CONSTRUCTION

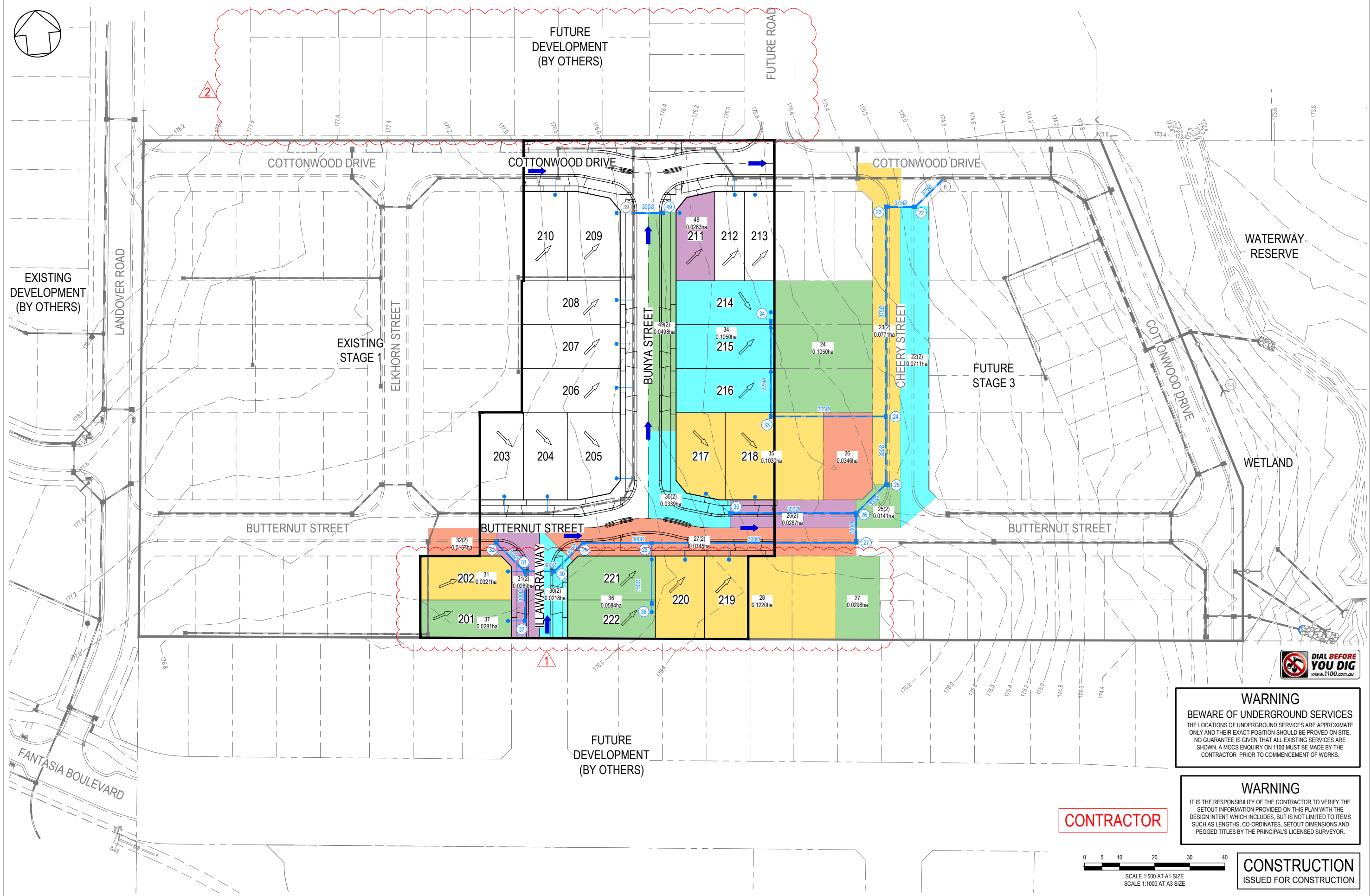
VER	DATE	REVISION	APPD.
1	20/07/2021	PIT SCHEDULE UPDATED	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO

Coords: MGA	Levels: AHD
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**TAYLORS**  
Urban Development | Infrastructure  
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
Tel: 61 3 9501 2600 | Web: taylorss.com.au

DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO
CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-119

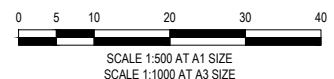
CITY OF WHITTLESEA	SCALE 1:50 @ A1
405 EPPING ROAD, WOLLERT VIC 3750	VERSION 1
STAGE 2	SHEET 20 OF 21
DRAINAGE PIT SCHEDULE	DRAWING No.
	<b>21408-02-E-119</b>



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**CONTRACTOR**



**CONSTRUCTION**  
 ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
2	2/12/2021	NORTHERN INTERFACE ADDED	WJB
1	20/07/2021	CATCHMENTS UPDATED	CSH
0	12/01/2021	ISSUED FOR CONSTRUCTION	MIO


**TAYLORS**  
 Urban Development | Infrastructure  
 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168  
 Tel: 61 3 9501 2600 | Web: taylors.com.au

DESIGNED: ALP	AUTHORISED: JOY	DRAFTED: WGO
CHECKED: MIO	AUTH. DATE: 18/05/2020	CAD REF: 21408-02-E-800

Coords: MGA Levels: AHD

CITY OF WHITTLESEA  
 405 EPPING ROAD, WOLLERT VIC 3750  
 STAGE 2  
 Q5 CATCHMENT PLAN

SCALE	1:500 @ A1
VERSION	2
SHEET	21 OF 21
DRAWING No.	21408-02-E-800