



Civic Centre
Postal

45 Princes Highway, Werribee, Victoria 3030, Australia
PO Box 197, Werribee, Victoria 3030, Australia

Telephone
Facsimile
Email

(03) 9742 0777
(03) 9741 6237
mail@wyndham.vic.gov.au
www.wyndham.vic.gov.au

DX 30258 Werribee Vic
ABN: 38 393 903 860

Your Ref:

Our Ref: SDW2106/16
WYP6863/13

Enquiries: Andrew Quach
Tel: (03) 9742 0760

23 May 2018

Adit Kakkar
Taylors Development Strategists Pty Ltd
8/270 Ferntree Gully Road
NOTTING HILL VIC 3168

Dear Adit,

RE: EMERALD PARK STAGE 8 - CONSTRUCTION PLAN APPROVAL

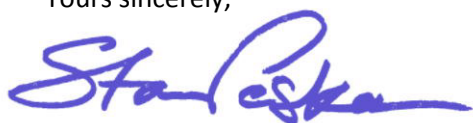
Please be advised that the road and drainage construction plans submitted to Council for Emerald Park Stage 8 are approved subject to the following conditions:-

1. **Prior to commencement of works, an on-site pre-commencement meeting must be held between Council, the Engineering Consultant and the Contractor. Please contact Norman Ngui from Council on 0437 994 819 to book a precommencement meeting.**
2. **Prior to installation of any Tactile Ground Surface Indicators, the proposed product must be inspected and approved by Council. Please notify Councils construction supervisor to book an inspection prior to installation.**
3. **Prior to commencement of works, the Plan of Subdivision must be certified by Council.**
4. **Prior to commencement of approved works within ANY existing road reserves, the consultant/contractor MUST apply for consent to work within the road reserves from Council or any other relevant responsible authorities. The Contractor will be responsible for maintain all existing assets within the limit of works as demonstrated on the approved plans.**
5. **A free-flowing drainage outlet must be established and maintained throughout the entirety of construction works. No road boxing works are to commence in the absence of a free-flowing drainage outlet.**
6. Prior to commencement of works, the consultant/contractor shall provide to Council the following information:-
 - source of quarry material; and
 - optimum moisture content and maximum modified 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.
7. Prior to the commencement of works, a Site Environmental Management Plan (SEMP) must be submitted to and **approved** by Council.
8. Construction is to commence within twelve (12) months of approval, otherwise construction plans and specifications are to comply with design standards current at the time of re-submission.

9. Filled allotments shall be compacted in 150mm maximum layers, with compaction tests being taken at not more than 300mm lift on all allotments and filled areas. The test results and location of the tests on each allotment shall be forwarded to Council.
10. Wyndham City Council Specifications and standard details shall be read in conjunction with the approved plans.
11. Prior to Council issuing a Statement of Compliance, pursuant to the Subdivision Act 1988, your firm shall provide to Council the following:
 - Payment of construction supervision fees amounting to 2.5% of the total cost of road and drainage works;
 - Payment of a maintenance bond amounting to 5% of the total cost of road and drainage works;
 - An electronic copy of all as constructed drawings and relevant files in both AutoCad DWG and Adobe PDF file formats, to either subdiveng@wyndham.vic.gov.au or via Objective Connect. Please note that the minimum resolution of PDF files required is 300dpi;
 - An electronic copy of drainage catchment plans and detailed computations in Adobe PDF file format to either subdiveng@wyndham.vic.gov.au or via Objective Connect;
 - As constructed asset information for drainage and related assets in digital format in accordance with "D-Spec" to either subdiveng@wyndham.vic.gov.au or via Objective Connect; and
 - As-constructed asset information for assets within the road reserve in digital format in accordance with "R-Spec" to either subdiveng@wyndham.vic.gov.au or via Objective Connect; and
 - The A.H.D levels and M.G.A co-ordinates of the high stability P.S.Ms.
 - For further information please see: <https://www.wyndham.vic.gov.au/subdivisionguidelines>
12. Easements are to be created to cover all services which cross any part of private allotments.
13. During construction of works under this permit, access to and egress from the subject land must be via a route designed and approved by the Council. Where practical this access should be remote from established residential areas.
14. Provide Landscaping Plan for approval by Council. Please contact subdivlud@wyndham.vic.gov.au to arrange a pre-application meeting prior to the submission of landscape plans for municipal reserves and/or public open space.
15. WorkSafe Victoria is to be advised via E-mail (construction@workcover.vic.gov.au) of these Subdivisional works with the following details:
 - Name of the principal contractor
 - Name and phone contact of relevant Engineering Consultants supervisor dealing with the works
 - Brief description of the works
 - Locality/address of the works
 - Estimated commencement date of the works, and
 - Expected completion date of the works.
16. In undertaking the construction works, the developer shall ensure all works are undertaken in accordance with the OH & S Act, Regulation and Codes, and shall maintain a safe workplace for Council's staff undertaking inspections. The supervision of works by Council staff only extends to the quality of Council's future infrastructure and does not include ensuring that the works are undertaken safely.

Please find a set of stamped approved plans attached.

Yours sincerely,



STAN PESKA

ENGINEERING SUBDIVISIONS CO-ORDINATOR

Encl: (1) Stamped approved plans



**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**

CIVIL WORKS

WYNDHAM CITY COUNCIL

1121 DOHERTYS ROAD, TARNEIT VIC 3029

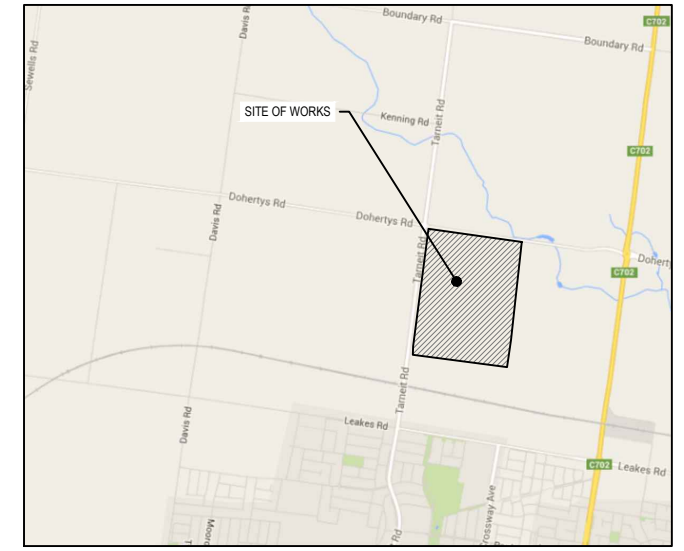
EMERALD PARK STAGE 8

GENERAL NOTES

- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH EDM GUIDELINES, WYNDHAM CITY COUNCIL SPECIFICATIONS AND STANDARD DRAWINGS. WORKS SHALL BE CARRIED OUT TO THE SATISFACTION OF THE SUPERINTENDENT OR HIS/HER 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 ENVIRONMENTAL MANAGEMENT PLAN FOR THE SUBDIVISION 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 1985 & COMMONWEALTH OHS CODE OF PRACTICE 2008.
- 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 06 SEPTEMBER 2017. 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 200mm IS TO BE CARRIED OUT IN ACCORDANCE WITH A.S 3798 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 IS 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. MIN. DEPTH LAYERS TO 95% OF AS1289.5.1.1 (STANDARD COMPACTION).
- 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 WYNDHAM 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 AND LAID AT A MINIMUM OF 300mm BELOW SUBGRADE 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 THE EQUILIBRIUM MOISTURE CONTENT OR -1% TO +3% OF THE OPTIMUM.
- ALL LINEMARKING AND SIGNAGE SHALL BE IN ACCORDANCE WITH AS1742.1 AND AS1742.2. 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 GAA 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-110.
- 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 WYNDHAM 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 (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 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 GAA FIGURE 016 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 WYNDHAM 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 GAA GUIDELINES AND THE RESULTS PROVIDED TO WYNDHAM 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 TG208/90. 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 HOLLOWYS. 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 CONSTRUCTED ACCORDING TO EDM STANDARD DRAWINGS.

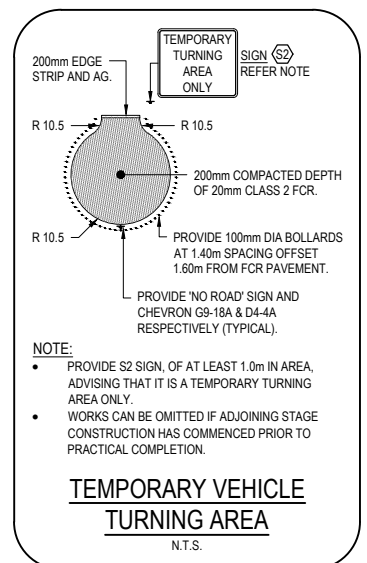
DRAWING INDEX		
DRAWING NO.	DESCRIPTION	SHEET NO.
12332-08-E-000	COVER SHEET	0
12332-08-E-100	GENERAL NOTES, LOCALITY PLAN, DRAWING INDEX AND TABLE OF SERVICE OFFSETS	1
12332-08-E-101	TYPICAL SECTIONS AND PAVEMENT DETAILS	2
12332-08-E-102	TYPICAL DETAILS	3
12332-08-E-103	STAGING PLAN & TBMS	4
12332-08-E-104	ROAD CENTRELINE SETOUT PLAN	5
12332-08-E-105	PLAN OF SUBDIVISION SHEET 1 OF 2	6
12332-08-E-106	PLAN OF SUBDIVISION SHEET 2 OF 2	7
12332-08-E-107	DETAIL LAYOUT PLAN	8
12332-08-E-108	POLLY PARADE, VILLETTE AVENUE AND TANGY LANE LONGITUDINAL SECTIONS	9
12332-08-E-109	CRILLY STREET AND PAVEY STREET LONGITUDINAL SECTIONS	10
12332-08-E-110	VILLETTE AVENUE AND POLLY PARADE CROSS SECTIONS	11
12332-08-E-111	CRILLY STREET CROSS SECTIONS	12
12332-08-E-112	PAVEY STREET AND TANGY LANE CROSS SECTIONS	13
12332-08-E-113	ROAD INTERSECTION DETAIL PLAN SHEET 1 OF 3	14
12332-08-E-114	ROAD INTERSECTION DETAIL PLAN SHEET 2 OF 3	15
12332-08-E-115	ROAD INTERSECTION DETAIL PLAN SHEET 3 OF 3	16
12332-08-E-116	SIGNS & LINEMARKING PLAN	17
12332-08-E-117	DRAINAGE LONGITUDINAL SECTIONS SHEET 1 OF 2	18
12332-08-E-118	DRAINAGE LONGITUDINAL SECTIONS SHEET 2 OF 2	19
12332-08-E-119	PIT SCHEDULE	20
12332-08-E-120	PAVEMENT JOINT LAYOUT	21
12332-08-E-800	Q5 CATCHMENT PLAN	22



LOCALITY PLAN
N.T.S.
MELWAYS REF MAP 359 C10,C11,D10,D11

**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



STREET	TABLE OF OFFSETS FOR SERVICES											
	GAS		RECYCLED WATER (NDW)		POTABLE WATER (DW)		NBN		ELECTRICAL CABLES		SEWER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
POLLY PARADE (N-S)	E	2.25m	E	2.95m	E	3.70m	W	1.85m	W	2.70m	W (EXISTING)	VARIES
POLLY PARADE (E-W)	S	2.10m	S	3.20m	S	2.60m	N	1.85m	N	2.70m	-	-
VILLETTE AVENUE	E	2.25m	E	2.70m	E	3.20m	W	1.85m	W	2.70m	W (EXISTING)	VARIES
CRILLY STREET	N	2.25m	N	2.70m	N	3.20m	S	1.85m	S	2.60m	-	-
PAVEY STREET	N	2.25m	N	2.70m	N	3.20m	S	1.85m	S	2.60m	S (EXISTING)	1.00m
TANGY LANE	-	-	-	-	-	-	-	-	-	-	E	1.00m



WARNING

BEWARE 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.

WARNING

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.

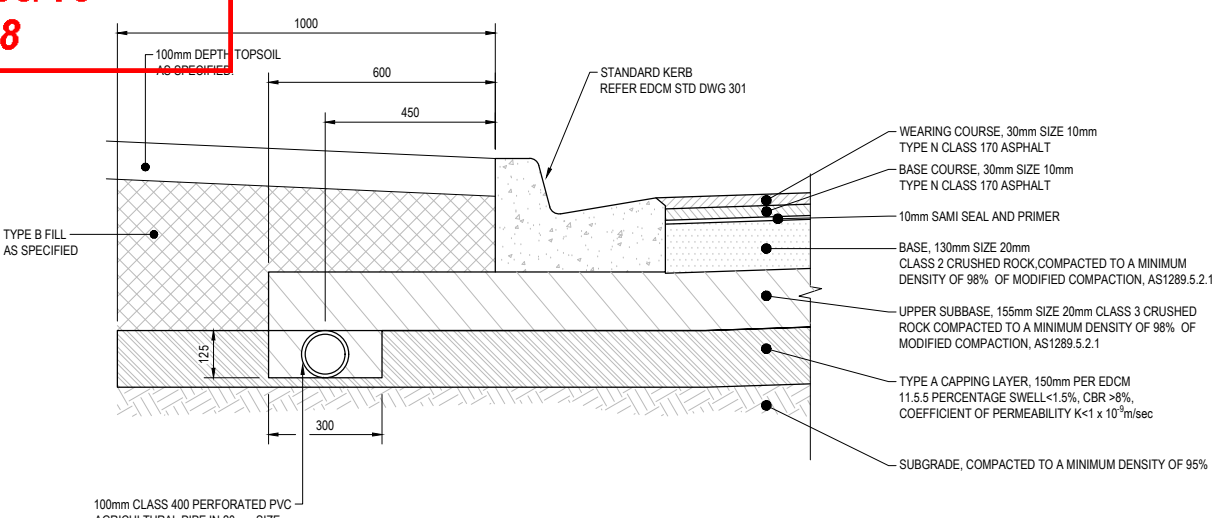
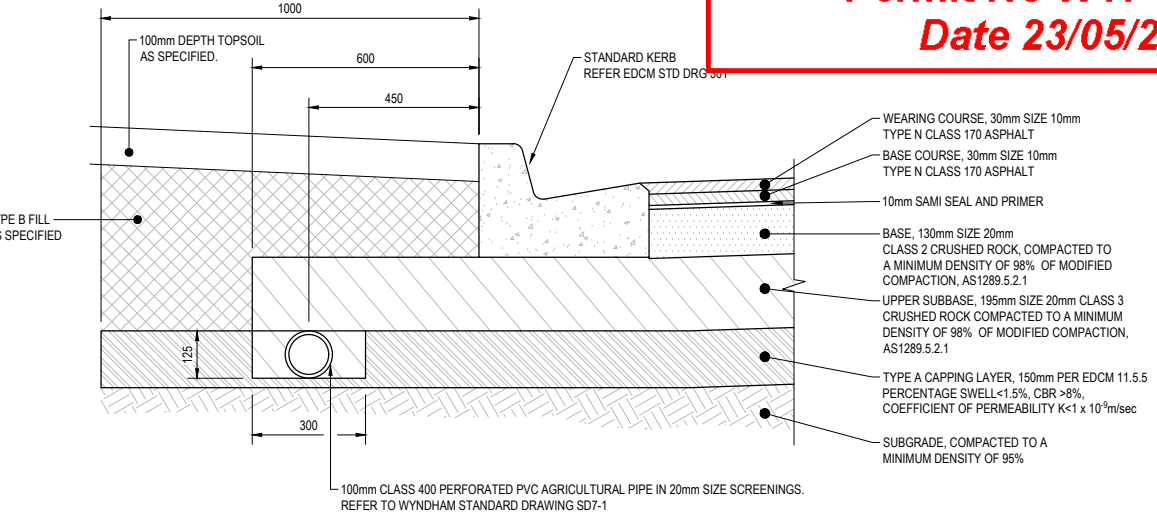
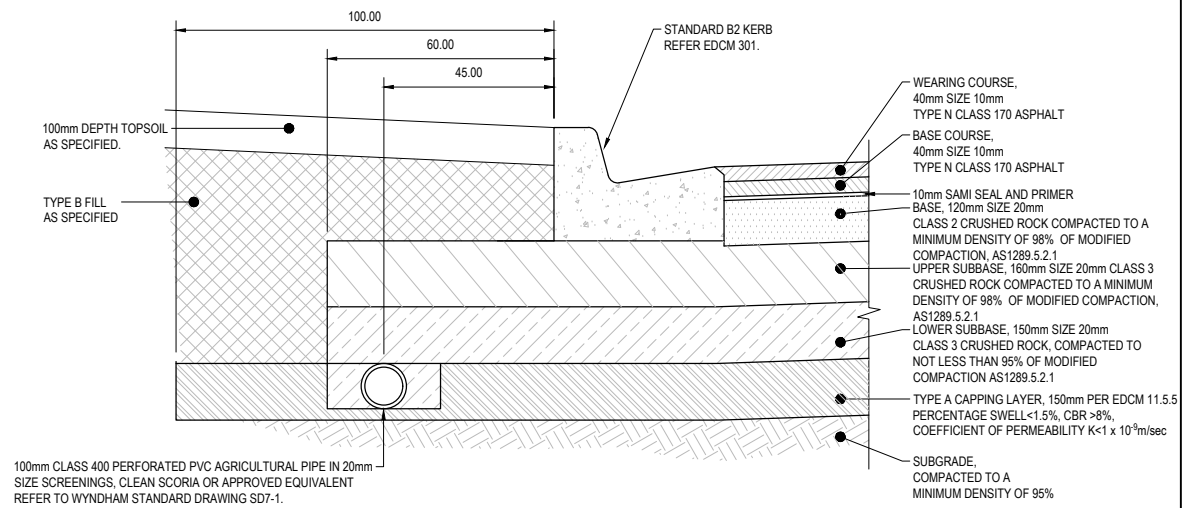
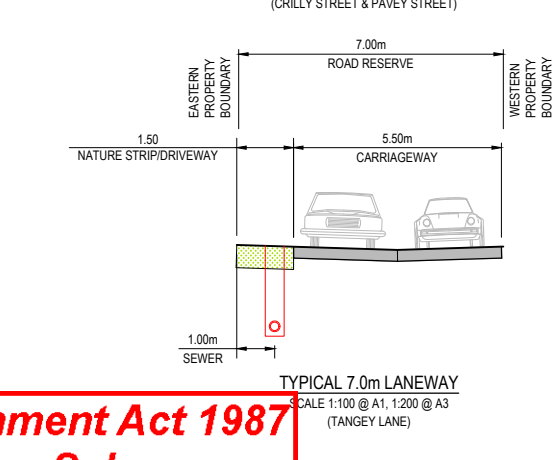
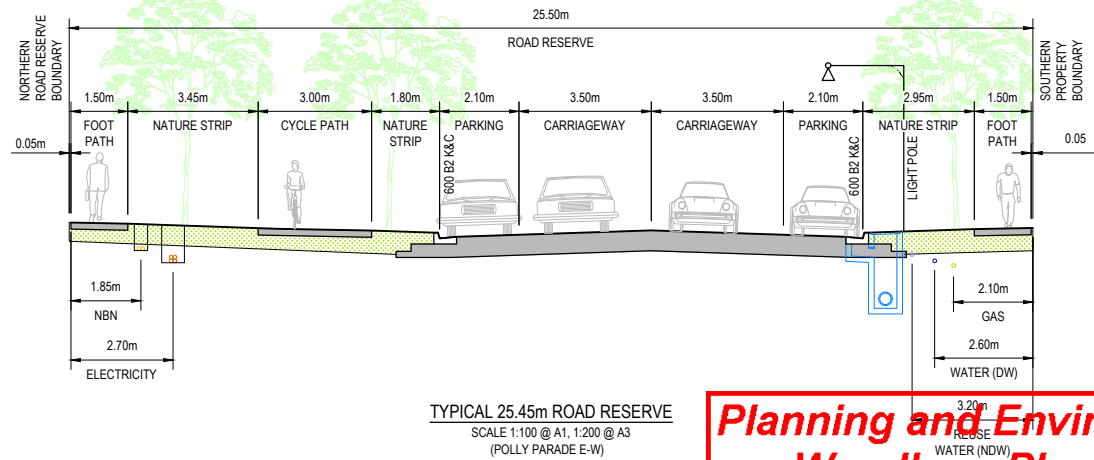
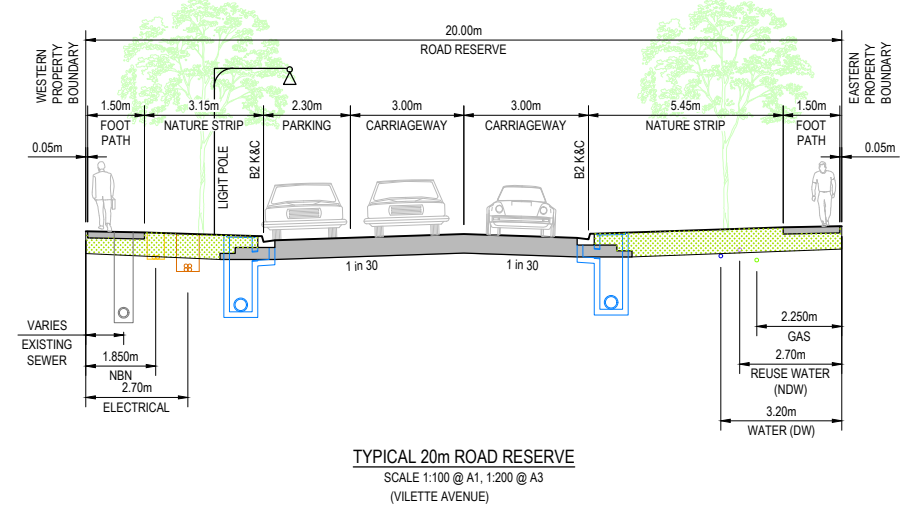
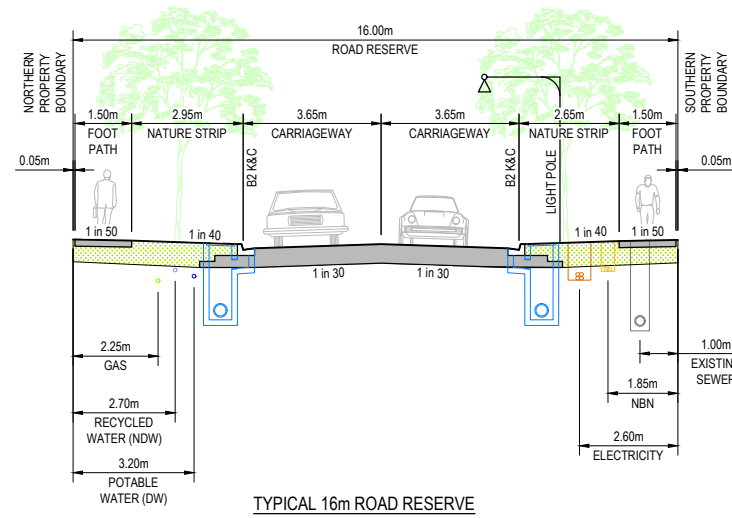
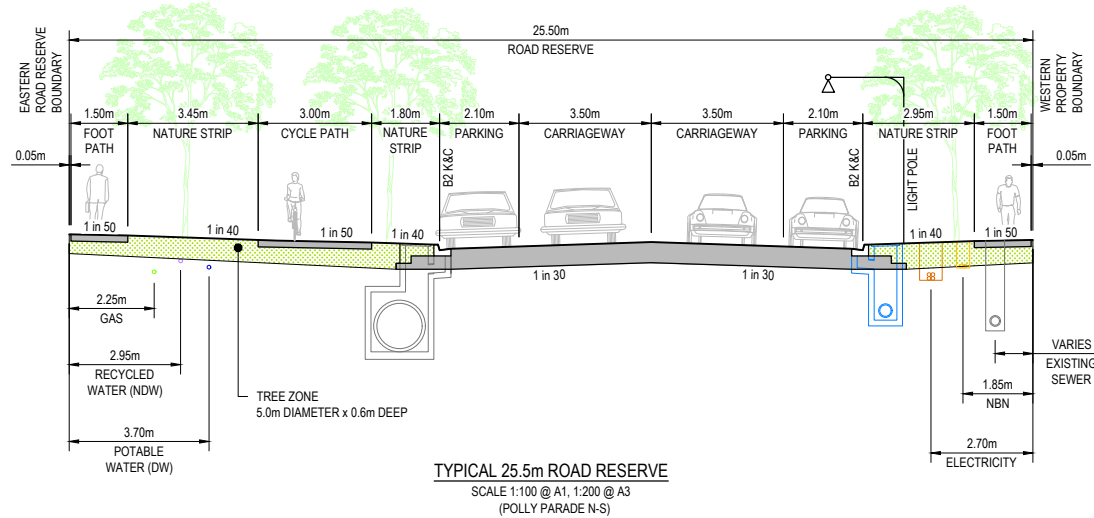
CONSTRUCTION
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ

TAYLORS
Urban Development | Infrastructure
8 / 270 Ferntree Gully Road, Nottling Hill, Victoria, 31168
Tel: 61 3 9501 2800 | Web: taylors.com.au

DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-100

WYNDHAM CITY COUNCIL		SCALE	AS SHOWN
EMERALD PARK, STAGE 8		VERSION	0
GENERAL NOTES, LOCALITY PLAN, DRAWING INDEX AND TABLE OF SERVICE OFFSETS		SHEET	1 OF 22
		DRAWING No.	12332-08-E-100



**Planning and Environment Act 1987
Wyndham Planning Scheme**

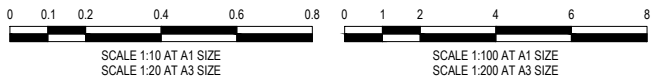
**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**

WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.

**CONSTRUCTION
ISSUED FOR CONSTRUCTION**

NOTE:
REFER TO GEOTECHNICAL REPORT NO. GE2962-1-15 PREPARED BY GEOTESTA (06 SEPTEMBER 2017) AND EDMC STANDARD DRAWING 202 FOR SUBSURFACE DRAIN DETAILS.



VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ

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

DESIGNED:	AKA	AUTHORISED:	JOY	DRAFTED:	KAW
CHECKED:	KMJ	AUTH. DATE:	20/12/2017	CAD REF:	12332-08-E-101-102

WYNDHAM CITY COUNCIL
EMERALD PARK, STAGE 8

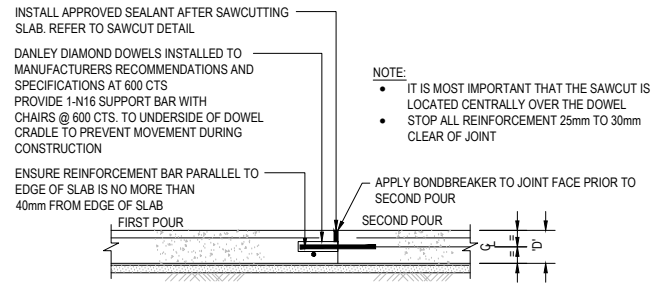
SCALE AS SHOWN

VERSION	0
SHEET	2 OF 22
DRAWING No.	12332-08-E-101

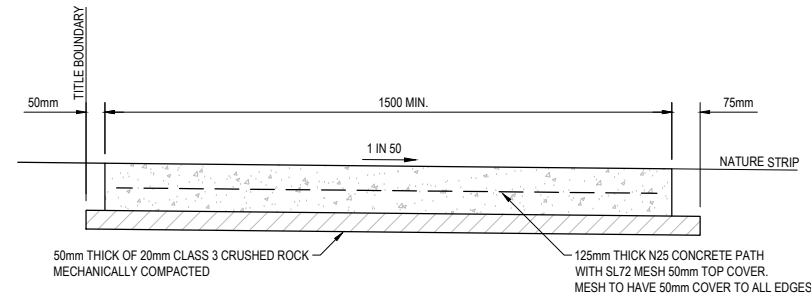
TYPICAL SECTIONS AND PAVEMENT DETAILS

CONCRETE NOTES

1. SLAB CURING METHOD IS TO BE COMPATIBLE WITH CURRENT AUSTRALIAN STANDARDS. ALL CONCRETE TO BE IN THE RANGE OF 600-650 MICROSTRAIN AND SHALL HAVE A 60mm MAX. SLUMP +/-15mm.
2. SAW CUTS ARE TO BE PLACED BETWEEN 12 & 24 HOURS AFTER COMPLETION OF POUR, DEPENDING ON CONCRETE CONDITIONS. REFER TO CEMENT AND CONCRETE ASSOCIATION 'INDUSTRIAL FLOORS & PAVEMENTS' MANUAL SECTION 8.2 'SAWN JOINTS' FOR FURTHER ADVICE. THE TIMING OF SAWING IS CRITICAL, & SHOULD COMMENCE AS EARLY AS POSSIBLE BEFORE RANDOM CRACKING CAN OCCUR, BUT AFTER THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELLING OR TEARING OF THE SURFACE UNDER THE ACTION OF THE SAW. SAWING METHODS SUCH AS SOFFCUT ARE TO BE ENCOURAGED.
3. DEPTH OF CUT = 1/3 X DESIGNATED SLAB THICKNESS.
4. SLABS MUST NOT BE POURED IF THE TEMPERATURE EXCEEDS 32°C.
5. HOT WEATHER PLACING (25°C AND OVER) MAY REQUIRE SLABS TO BE SAWCUT AS SOON AS 5-6 HOURS AFTER POURING.
6. ANY SLAB BAY IN WHICH SHRINKAGE CRACKS OCCUR DUE TO LATE SAWCUTTING MUST BE REMOVED AND REPLACED BY THE BUILDER/CONTRACTOR.
7. PROVIDE CONTROL JOINTS IN CONCRETE SLAB AT REGULAR INTERVALS NOT EXCEEDING 6 METRES IN EACH DIRECTION AND DOWELLED JOINTS NOT EXCEEDING 20 METERS. CONTROL JOINTS MAY BE EITHER SAWCUT OR KEVED CONSTRUCTION JOINTS.

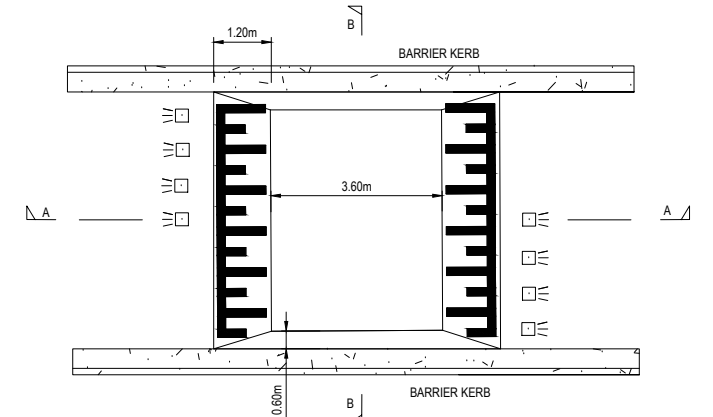


DIAMOND DOWELLED JOINT DETAIL (D.D.J.)



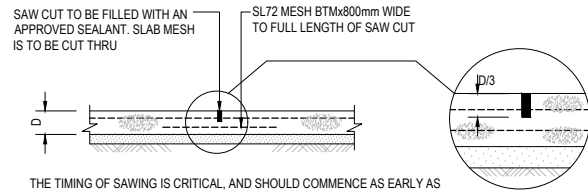
TYPICAL RESIDENTIAL FOOTPATH/BICYCLE PATH*

SCALE 1:20 @ A1, 1:40 @ A3 (REFER TO MPA STD DWG EDM 401)
NOTE: PROVIDE STRUCTURAL FILL UNDER FOOTPATH WHEN FILLING



FLAT TOP SPEED HUMP DETAIL

PLAN
N.T.S.



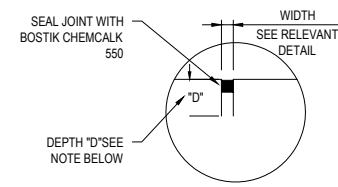
THE TIMING OF SAWING IS CRITICAL, AND SHOULD COMMENCE AS EARLY AS POSSIBLE BEFORE RANDOM CRACKING CAN OCCUR, BUT AFTER THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELLING OR TEARING OF THE SURFACE UNDER THE ACTION OF THE SAW. REFER TO CEMENT AND CONCRETE ASSOCIATION 'INDUSTRIAL FLOORS AND PAVEMENTS' MANUAL SECTION 8.2 'SAWN JOINTS' FOR FURTHER ADVICE. IN WILD WEATHER CONDITIONS (i.e. LOW TEMPERATURE, WIND AND SOLAR RADIATION) SAW CUTS MAY BE DELAYED UP TO 24 HOURS AFTER COMPLETION OF POUR. CONDITIONS OF HIGH SOLAR RADIATIONS FOLLOWED BY LOW OVERNIGHT AIR TEMPERATURES SHOULD BE AVOIDED.

x DEPTH OF CUT = 1/3 X DESIGNATED SLAB THICKNESS

SAW CUT JOINT DETAIL (S.C.J.)

FOR 'CONVENTIONAL' SAWN JOINT OPTION

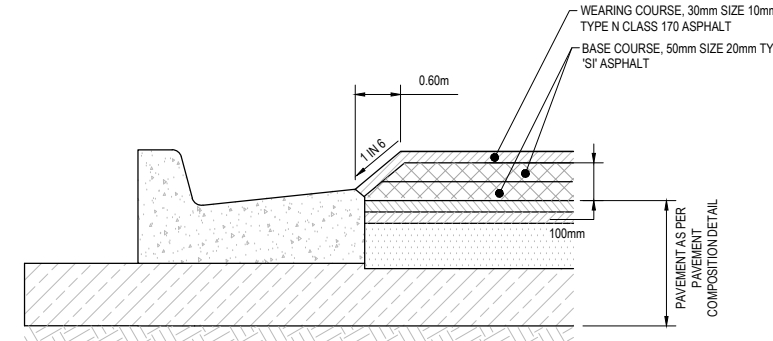
N.T.S.



- NOTES:
1. DEPTH OF SEALANT RESERVOIR 'D' TO BE 30mm EXCEPT FOR CONTRACTION JOINTS WHICH SHALL BE ONE QUARTER OF THE SLAB DEPTH.
 2. SAWCUT ALONG CENTRE OF EXISTING JOINT WHEN FORMING SEALANT RESERVOIR FOR CONSTRUCTION JOINTS OR WHERE ABUTTING EXISTING SLABS.

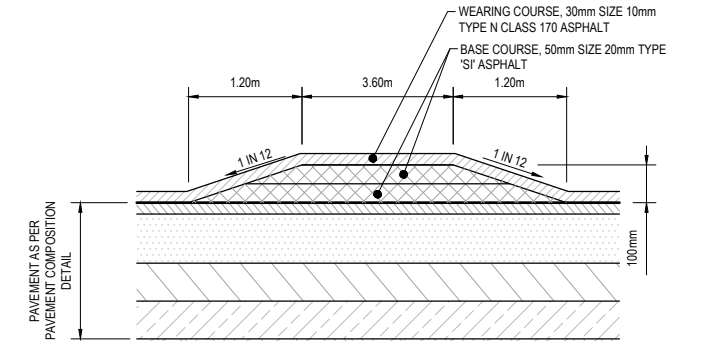
JOINT SEALANT DETAIL

N.T.S.



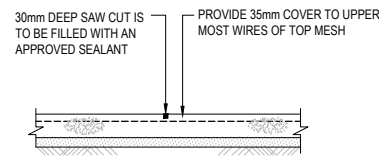
FLAT TOP SPEED HUMP DETAIL (SECTION B-B)

N.T.S.



FLAT TOP SPEED HUMP DETAIL (SECTION A-A)

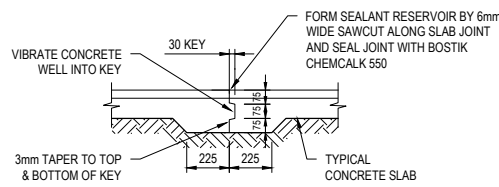
N.T.S.



THE TIMING OF SAWING IS CRITICAL, AND SHOULD COMMENCE AS EARLY AS POSSIBLE BEFORE RANDOM CRACKING CAN OCCUR, BUT AFTER THE CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT RAVELLING OR TEARING OF THE SURFACE UNDER THE ACTION OF THE SAW i.e. 1 TO 2 HOURS AFTER COMPLETION OF THE FINAL SURFACE FINISH

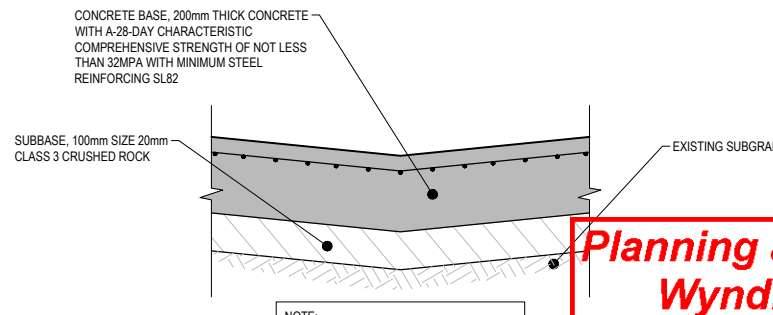
SAW CUT JOINT DETAIL (S.C.J.) FOR 'SOFF-CUT' SAWN JOINT OPTION

N.T.S.



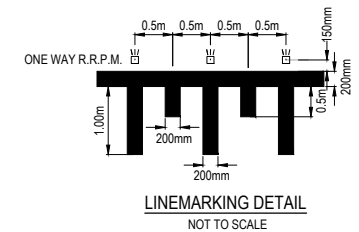
KEYED CONSTRUCTION JOINT (KJ)

N.T.S.

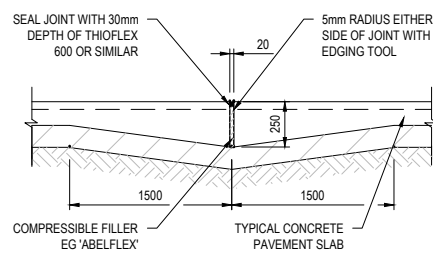


TANGY LANE 300mm RIGID CONCRETE PAVEMENT COMPOSITION

SCALE 1:10 @ A1, 1:20 @ A3



LINEMARKING DETAIL NOT TO SCALE



ISOLATION (EXPANSION) JOINT (E.J.)

N.T.S.

TYPICAL PIT IN PAVEMENT DETAIL - CONSTRUCTION JOINT

N.T.S.

SAWCUT DETAILS ARE INDICATIVE ONLY. CONTRACTOR IS RESPONSIBLE FOR APPROPRIATE SPACING AND LOCATION OF ALL CUTS

Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required under Condition 33
Permit No WYP6863/13
Date 23/05/2018

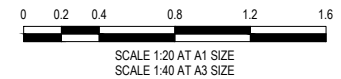


WARNING

BEWARE 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.

WARNING

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



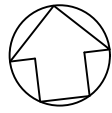
CONSTRUCTION ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

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

DESIGNED:	AKA	AUTHORISED:	JOY	DRAFTED:	KAW
CHECKED:	KMJ	AUTH. DATE:	20/12/2017	CAD REF:	12332-08-E-101-102

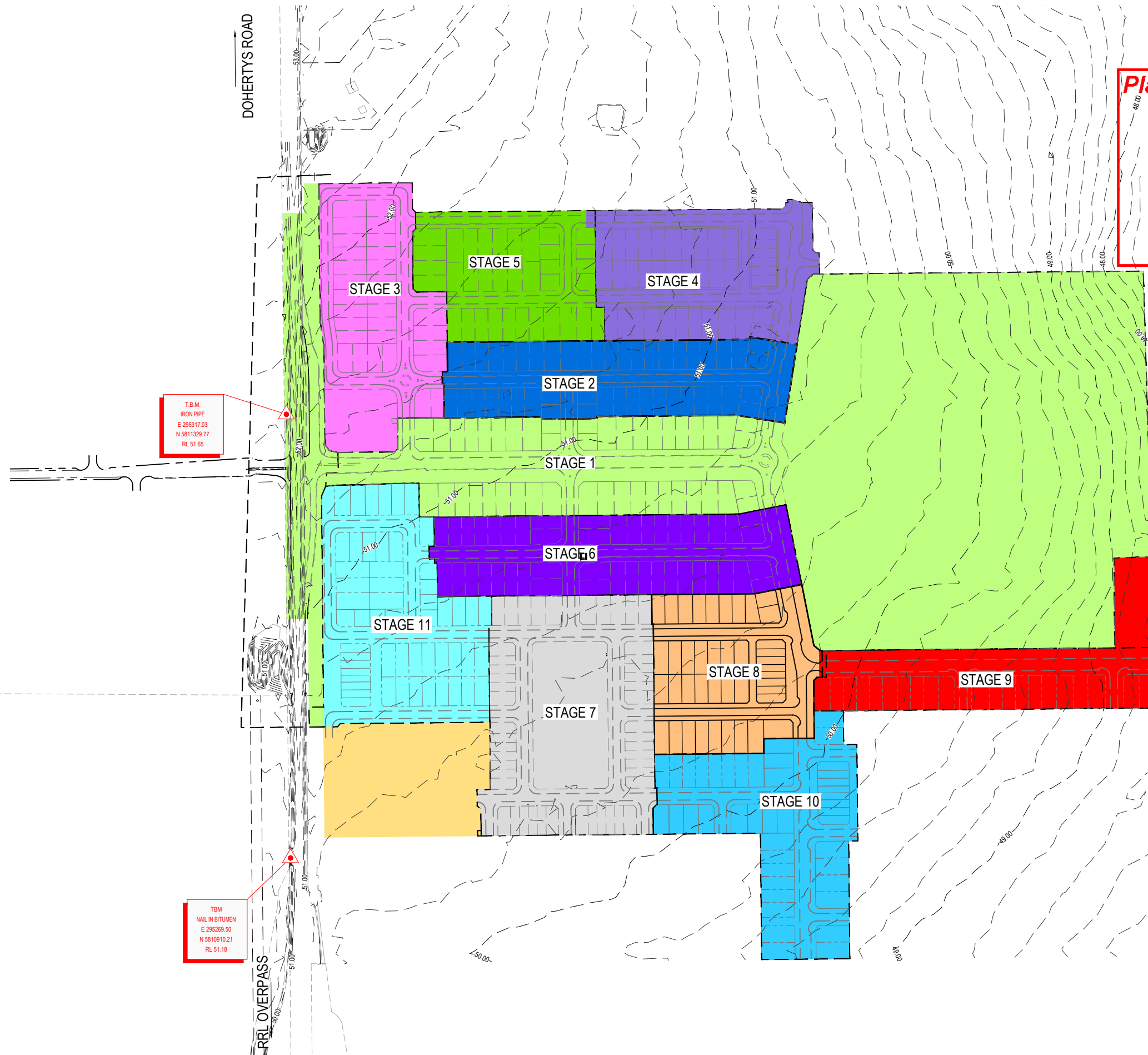
WYNDHAM CITY COUNCIL	SCALE	AS SHOWN
EMERALD PARK, STAGE 8	VERSION	0
TYPICAL DETAILS	SHEET	3 OF 22
	DRAWING No.	12332-08-E-102



DOHERTYS ROAD

**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



T.B.M.
IRON PIPE
E 295317.03
N 5811329.77
RL 51.65

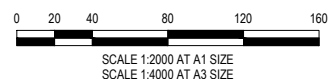
T.B.M.
STEEL PIPE
E 296122.48
N 5810943.36
RL 48.47

TBM
NAIL IN BITUMEN
E 295269.50
N 5810910.21
RL 51.18




WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.



TAYLORS
Urban Development | Infrastructure
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168
Tel: 61 3 9507 2800 | Web: taylors.com.au

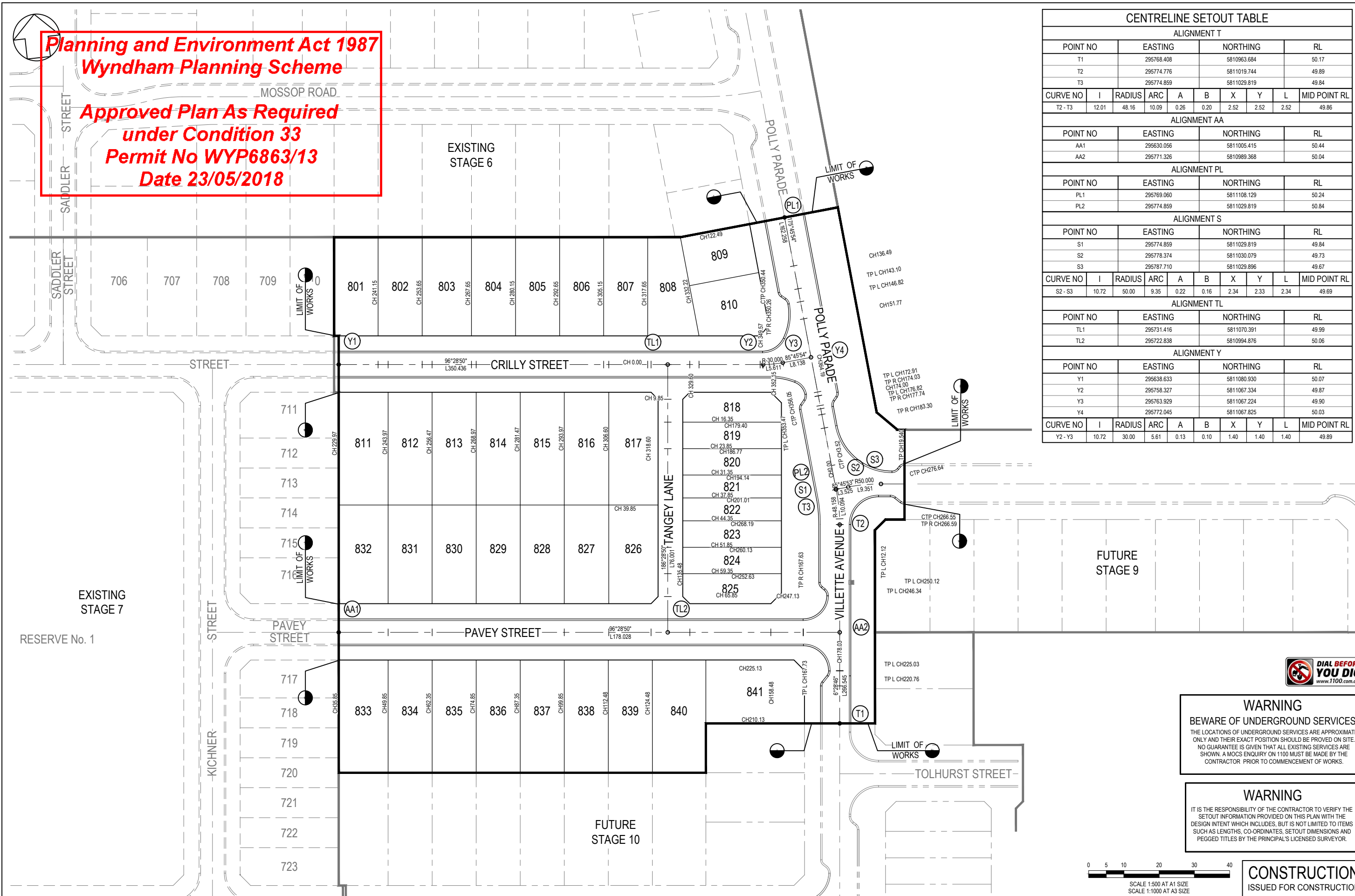
DESIGNED:	AKA	AUTHORISED:	JOY	DRAFTED:	KAW
CHECKED:	KMJ	AUTH. DATE:	20/12/2017	CAD REF:	12332-08-E-103

Coords: MGA Levels: AHD

WYNDHAM CITY COUNCIL	SCALE	1:2000 @ A1
EMERALD PARK, STAGE 8	VERSION	0
	SHEET	4 OF 22
STAGING PLAN & TBM'S	DRAWING No.	12332-08-E-103

**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**

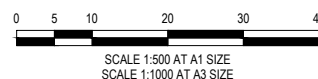


CENTRELINE SETOUT TABLE										
ALIGNMENT T										
POINT NO	EASTING	NORTHING	RL							
T1	295768.408	5810963.684	50.17							
T2	295774.776	5811019.744	49.89							
T3	295774.859	5811029.819	49.84							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
T2 - T3	12.01	48.16	10.09	0.26	0.20	2.52	2.52	2.52	49.86	
ALIGNMENT AA										
POINT NO	EASTING	NORTHING	RL							
AA1	295630.056	5811005.415	50.44							
AA2	295771.326	5811029.368	50.04							
ALIGNMENT PL										
POINT NO	EASTING	NORTHING	RL							
PL1	295769.060	5811108.129	50.24							
PL2	295774.859	5811029.819	50.84							
ALIGNMENT S										
POINT NO	EASTING	NORTHING	RL							
S1	295774.859	5811029.819	49.84							
S2	295778.374	5811030.079	49.73							
S3	295787.710	5811029.896	49.67							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
S2 - S3	10.72	50.00	9.35	0.22	0.16	2.34	2.33	2.34	49.69	
ALIGNMENT TL										
POINT NO	EASTING	NORTHING	RL							
TL1	295731.416	5811070.391	49.99							
TL2	295722.838	5810994.876	50.06							
ALIGNMENT Y										
POINT NO	EASTING	NORTHING	RL							
Y1	295638.633	5811080.930	50.07							
Y2	295758.327	5811067.334	49.87							
Y3	295763.929	5811067.224	49.90							
Y4	295772.045	5811067.825	50.03							
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL	
Y2 - Y3	10.72	30.00	5.61	0.13	0.10	1.40	1.40	1.40	49.89	



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

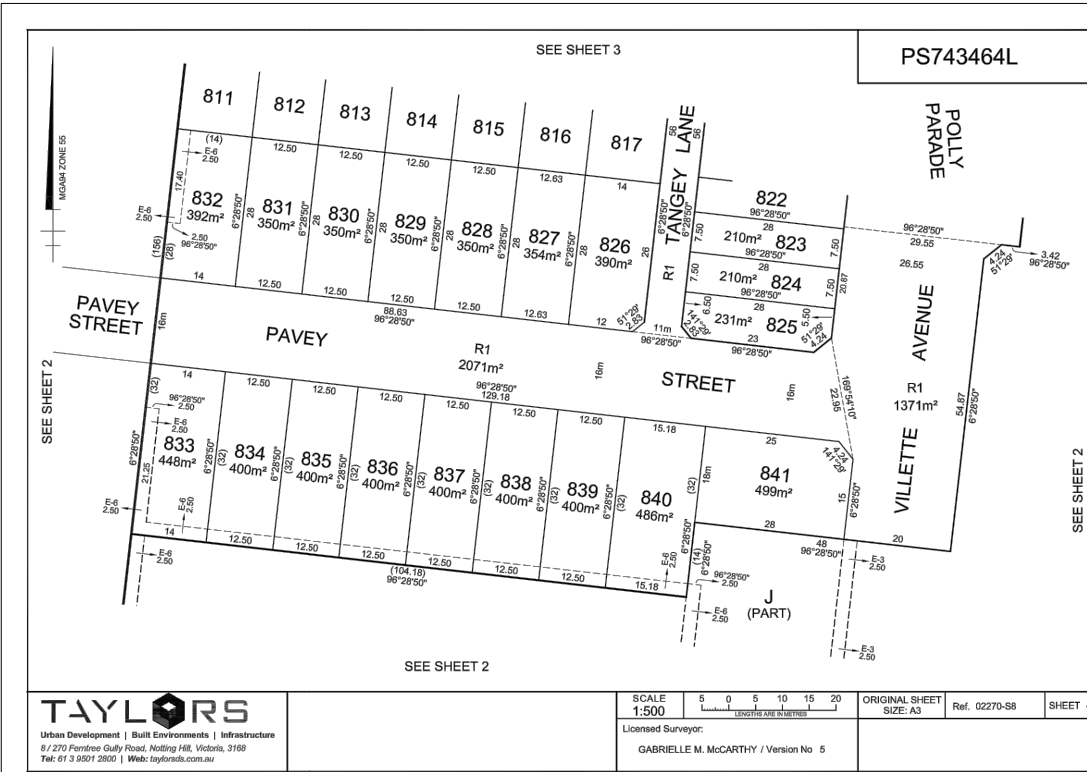
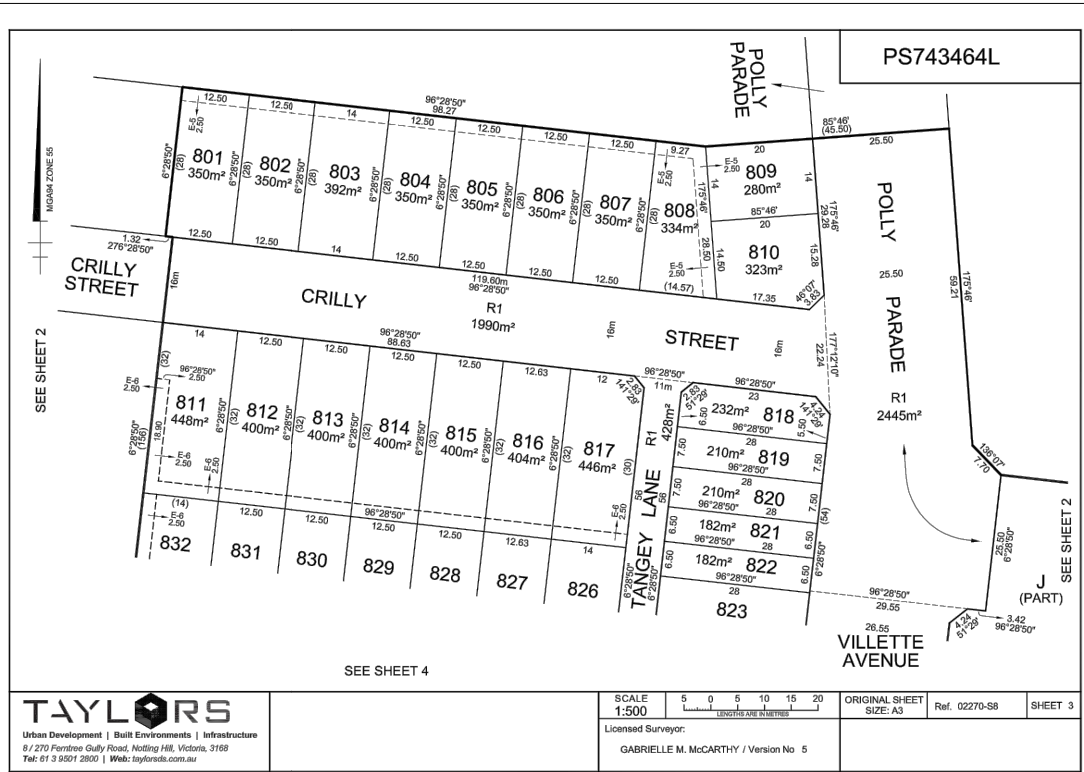
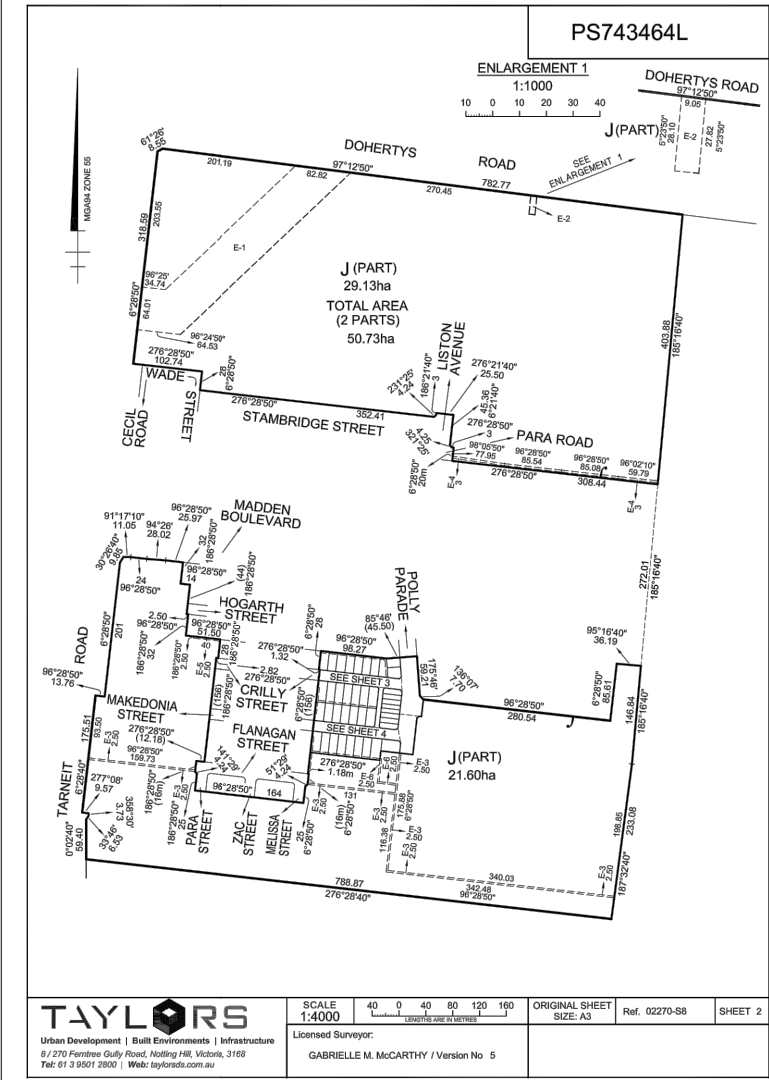
VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ

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

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: KAW
CHECKED: KMJ	AUTH. DATE: 20/12/2017	CAD REF: 12332-08-E-104

WYNDHAM CITY COUNCIL	SCALE 1:500 @ A1
EMERALD PARK, STAGE 8	VERSION 0
ROAD CENTRELINE SETOUT PLAN	SHEET 5 OF 22
	DRAWING No. 12332-08-E-104

PLAN OF SUBDIVISION		EDITION 1	PS743464L
LOCATION OF LAND PARISH: TARNEIT TOWNSHIP: --- SECTION: 21 CROWN ALLOTMENT: --- CROWN PORTION: A (Part) & C (Part) TITLE REFERENCE: Vol. Fol. LAST PLAN REFERENCE: Lot H on PS743463N POSTAL ADDRESS: 1121 Dohertys Road (at time of subdivision) TARNEIT 3029 MGA 94 CO-ORDINATES: E: 295 700 ZONE: 55 (of approx centre of land in plan) N: 5811 040		COUNCIL NAME: Wyndham City Council NOTATIONS Lots on this plan may be affected by one or more restrictions. Refer to Creation of Restriction A and B on Sheets 5 & 6 of this plan for details. OTHER PURPOSE OF PLAN 1. To Remove that part of easement E-3 created on PS733919B in so far as where it lies within Road R1 herein. 2. To Remove that part of easement E-5 created on PS743462Q in so far as where it lies within Road R1 herein. REASON FOR REMOVAL: By agreement between all interested parties.	
VESTING OF ROADS AND/OR RESERVES		NOTATIONS	
IDENTIFIER	COUNCIL/BODY/PERSON	Road R1 Wyndham City Council	
NOTATIONS		DEPTH LIMITATION: Does Not Apply SURVEY: This plan is based on survey. STAGING: This is not a staged subdivision. Planning Permit No. WYP 6863/13	
EMERALD PARK - Release 8 Area of Release: 2,267ha No. of Lots: 41 Lots and Balance Lot J			
EASEMENT INFORMATION			
LEGEND: A - Appurtenant Easement E - Encumbering Easement R - Encumbering Easement (Road)			
Easement Reference	Purpose	Width (Metres)	Origin / Land Benefited/In Favour Of
E-1	Transmission of Electricity	See Diag.	C/E A627820 State Electricity Commission of Victoria
E-2	Transmission of Electricity	See Diag.	C/E A828798 State Electricity Commission of Victoria
E-3	Sewerage	See Diag.	PS733919B City West Water Corporation
E-4	Drainage	See Diag.	PS733919B Wyndham City Council
E-5	Sewerage	See Diag.	PS743462Q City West Water Corporation
E-6	Sewerage	See Diag.	PS743463N City West Water Corporation
TAYLORS Urban Development Built Environments Infrastructure 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2500 Web: taylors.com.au		SURVEYORS FILE REF: Ref. 02270-58 ORIGINAL SHEET SIZE: A3 SHEET 1 OF 8	Licensed Surveyor: GABRIELLE M. MCCARTHY / Version No 5





WARNING
BEWARE 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.

WARNING

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.

CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.



TAYLORS
Urban Development | Infrastructure
8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168
Tel: 61 3 9501 2500 | Web: taylors.com.au

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: KAW
CHECKED: KMJ	AUTH. DATE: 20/12/2017	CAD REF: 12332-08-E-105-106

WYNDHAM CITY COUNCIL EMERALD PARK, STAGE 8	SCALE N.T.S. VERSION 0 SHEET 6 OF 22 DRAWING No. 12332-08-E-105
PLAN OF SUBDIVISION SHEET 1 OF 2	

CREATION OF RESTRICTION 'A' PS743464L

Upon registration of this plan the following restriction is created.

LAND TO BE BURDENED: See Table 1 below
 LAND TO BENEFIT: See Table 1 below

DESCRIPTION OF RESTRICTION

THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING OF ANY BURDENED LOT ON THIS PLAN:

MUST NOT BUILD OR PERMIT TO BE BUILT OR REMAIN ON THE LOT ANY BUILDING OTHER THAN A BUILDING WHICH HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE SMALL LOT HOUSING CODE INCORPORATED INTO THE WYNDHAM PLANNING SCHEME UNLESS A PLANNING PERMIT IS GRANTED BY THE RESPONSIBLE AUTHORITY FOR A BUILDING THAT DOES NOT CONFORM WITH THE SMALL LOT HOUSING CODE.

THIS RESTRICTION SHALL CEASE TO APPLY TO ANY BUILDING ON THE LOT AFTER THE ISSUE OF A CERTIFICATE OF OCCUPANCY FOR THE WHOLE OF A DWELLING ON THE LOT.

TABLE 1

BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN
809	808, 810
818	819
819	818, 820
820	819, 821
821	820, 822
822	821, 823
823	822, 824
824	823, 825
825	824

CREATION OF RESTRICTION 'B'

Upon registration of this plan the following restriction is created.

LAND TO BE BURDENED: Lots 801 to 841 (both inclusive) on this plan.
 LAND TO BENEFIT: Lots 801 to 841 (both inclusive) on this plan.

DESCRIPTION OF RESTRICTION

THE REGISTERED PROPRIETOR OR PROPRIETORS FOR THE TIME BEING OF ANY BURDENED LOT TO WHICH THIS RESTRICTION APPLIES MUST NOT BUILD OR PERMIT TO BE BUILT A DWELLING OR COMMERCIAL BUILDING UNLESS THE BUILDING INCORPORATES DUAL PLUMBING FOR RECYCLED WATER SUPPLY FOR TOILET FLUSHING AND GARDEN WATERING USE IF IT BECOMES AVAILABLE.

THIS RESTRICTION SHALL CEASE TO APPLY TO ANY BUILDING ON THE LOT AFTER THE ISSUE OF A CERTIFICATE OF OCCUPANCY FOR THE WHOLE OF A DWELLING ON THE LOT.



Urban Development | Built Environments | Infrastructure
 8 / 270 Fernree Gully Road, Notting Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylorss.com.au

SCALE: 1:500
 Licensed Surveyor:
 GABRIELLE M. MCCARTHY / Version No 5

ORIGINAL SHEET SIZE: A3 Ref. 02270-S8 SHEET 5

CREATION OF RESTRICTION 'C' PS743464L

The following Restriction is to be created upon Registration of this plan.

LAND TO BE BURDENED: See Table 2
 LAND TO BENEFIT: See Table 2

DESCRIPTION OF RESTRICTION

Except with the written consent of the Responsible Authority the registered proprietor or proprietors for the time being of any burdened lot to which this restriction applies must not:

- Construct or allow to be constructed or remain on the lot any building or garage outside the building envelope shown hatched in the schedule on sheets 7 and 8 of this plan (excluding allowable projecting building elements that project outside the building envelopes as contained in Part 4 Regulation 409(3), 414(3) & 414(4) of the Building Regulations 2006).
- Construct any building or garage on a side boundary of a lot unless the building or garage is set back a minimum of 1 metre from the other side boundary of that lot.
- Construct a garage or carport which is set back less than 5.5 metres from the front boundaries.
- Construct a garage with an opening which occupies more than 40% of the width of the lot frontage.
- Construct a building which, notwithstanding the extent of the building envelope, fails to otherwise meet the requirements of Part 4 of the Building Regulations 2006.

This Restriction shall cease to have effect after the issue of the certificate of occupancy (or the like) under the Building Act 1993 for the whole of the parcel.

TABLE 2

BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN
801	802
802	801, 803
803	802, 804
804	803, 805
805	804, 806
806	805, 807
807	806, 808
808	807, 809, 810
810	808, 809
811	812, 832
812	811, 813, 831
813	812, 814, 830
814	813, 815, 829
815	814, 816, 828
816	815, 817, 827
817	816, 826
826	817, 827
827	816, 826, 828
828	815, 827, 829
829	814, 828, 830
830	813, 829, 831

TABLE 2 (Continued)

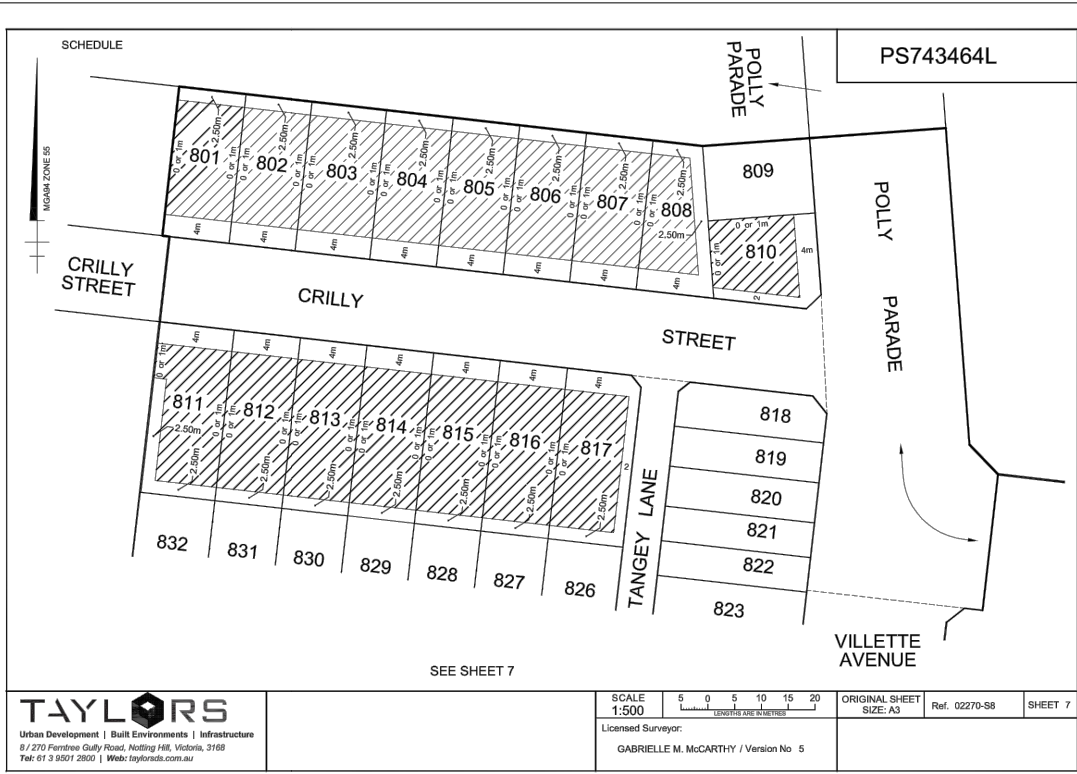
BURDENED LOT No.	BENEFITING LOTS ON THIS PLAN
831	812, 830, 832
832	811, 831
833	834
834	833, 835
835	834, 836
836	835, 837
837	836, 838
838	837, 839
839	838, 840
840	839, 841
841	840



Urban Development | Built Environments | Infrastructure
 8 / 270 Fernree Gully Road, Notting Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylorss.com.au

SCALE: 1:500
 Licensed Surveyor:
 GABRIELLE M. MCCARTHY / Version No 5

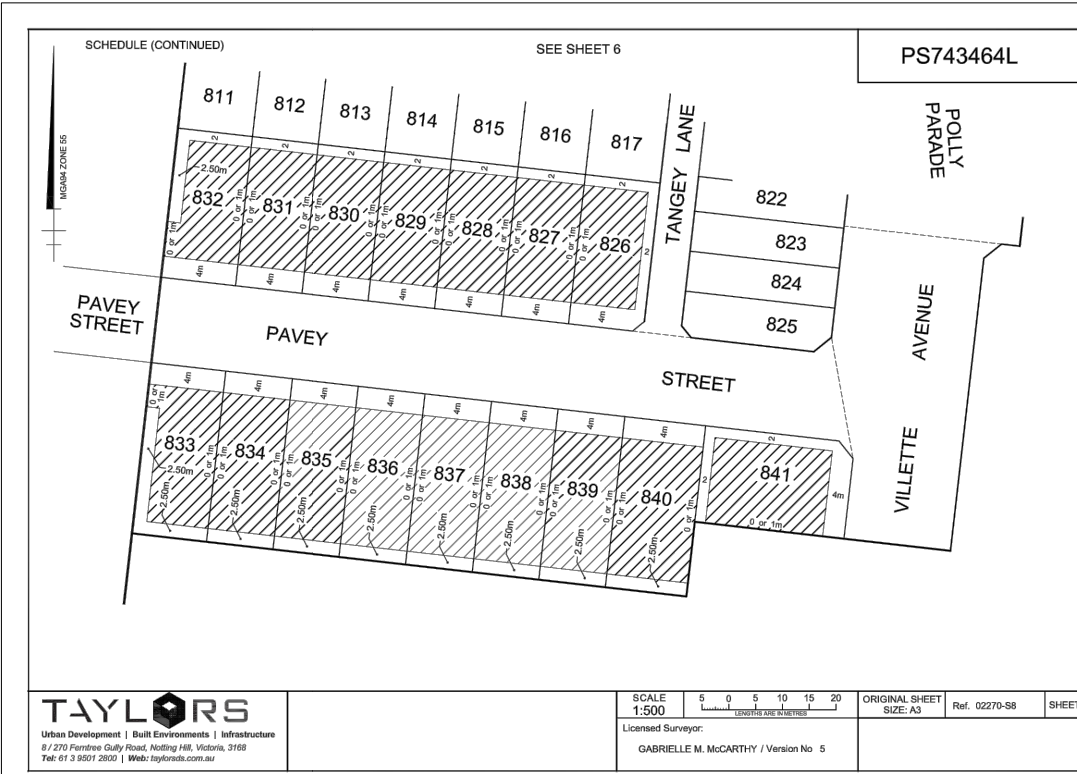
ORIGINAL SHEET SIZE: A3 Ref. 02270-S8 SHEET 6



Urban Development | Built Environments | Infrastructure
 8 / 270 Fernree Gully Road, Notting Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylorss.com.au

SCALE: 1:500
 Licensed Surveyor:
 GABRIELLE M. MCCARTHY / Version No 5

ORIGINAL SHEET SIZE: A3 Ref. 02270-S8 SHEET 7



Urban Development | Built Environments | Infrastructure
 8 / 270 Fernree Gully Road, Notting Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylorss.com.au

SCALE: 1:500
 Licensed Surveyor:
 GABRIELLE M. MCCARTHY / Version No 5

ORIGINAL SHEET SIZE: A3 Ref. 02270-S8 SHEET 8



WARNING
 BEWARE 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.

WARNING
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.

CONSTRUCTION
 ISSUED FOR CONSTRUCTION

VER	DATE	ISSUED FOR CONSTRUCTION	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION		KMJ

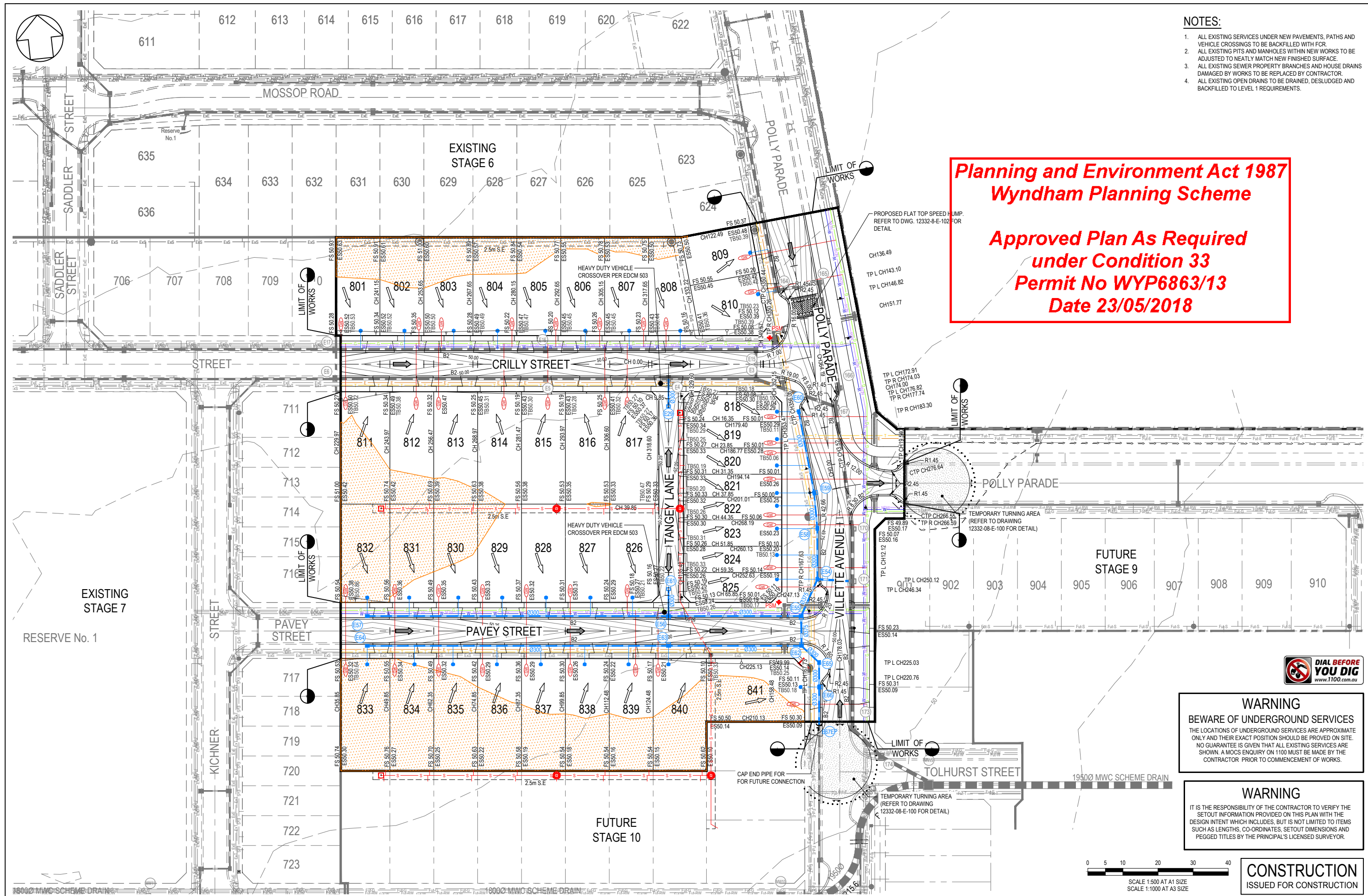
TAYLORS
 Urban Development | Infrastructure
 8 / 270 Fernree Gully Road, Notting Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylorss.com.au

DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
 CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-105-106

WYNDHAM CITY COUNCIL
 EMERALD PARK, STAGE 8

PLAN OF SUBDIVISION
 SHEET 2 OF 2

SCALE: N.T.S.
 VERSION: 0
 SHEET 7 OF 22
 DRAWING No. 12332-08-E-106



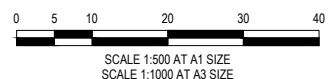
- NOTES:**
1. ALL EXISTING SERVICES UNDER NEW PAVEMENTS, PATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH FCR.
 2. ALL EXISTING PITS AND MANHOLES WITHIN NEW WORKS TO BE ADJUSTED TO NEATLY MATCH NEW FINISHED SURFACE.
 3. ALL EXISTING SEWER PROPERTY BRANCHES AND HOUSE DRAINS DAMAGED BY WORKS TO BE REPLACED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

Planning and Environment Act 1987
Wyndham Planning Scheme
Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



WARNING
 BEWARE 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.

WARNING
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
 ISSUED FOR CONSTRUCTION

VER	DATE	REVISION
0	09/05/2018	ISSUED FOR CONSTRUCTION

EXISTING	PROPOSED	STREET NAME SIGN
EXISTING GAS MAIN	PROPOSED GAS MAIN	P.S.M. T.B.M.
EXISTING WATER MAIN	PROPOSED WATER MAIN	PROPOSED GAS & WATER CONDUIT
EXISTING TELECO CABLE	PROPOSED NON-DRINKING WATER	EXISTING SURFACE LEVEL
EXISTING TELECO CABLE & PIT	PROPOSED ELECTRICITY CABLE	FINISHED SURFACE BUILDING LINE & ROAD RESERVE
EXISTING SEWER MAIN & M.H.	PROPOSED TELECO CABLE	FINISHED SURFACE TOP OF BATTER
EXISTING DRAIN & PIT	PROPOSED SEWER MAIN & M.H.	FILLING ON LOTS DEEPER THAN 200mm
OPEN DRAIN	PROPOSED DRAIN, PIT & PROPERTY INLET	LOSS (FACTILE) GROUND SURFACE INDICATORS



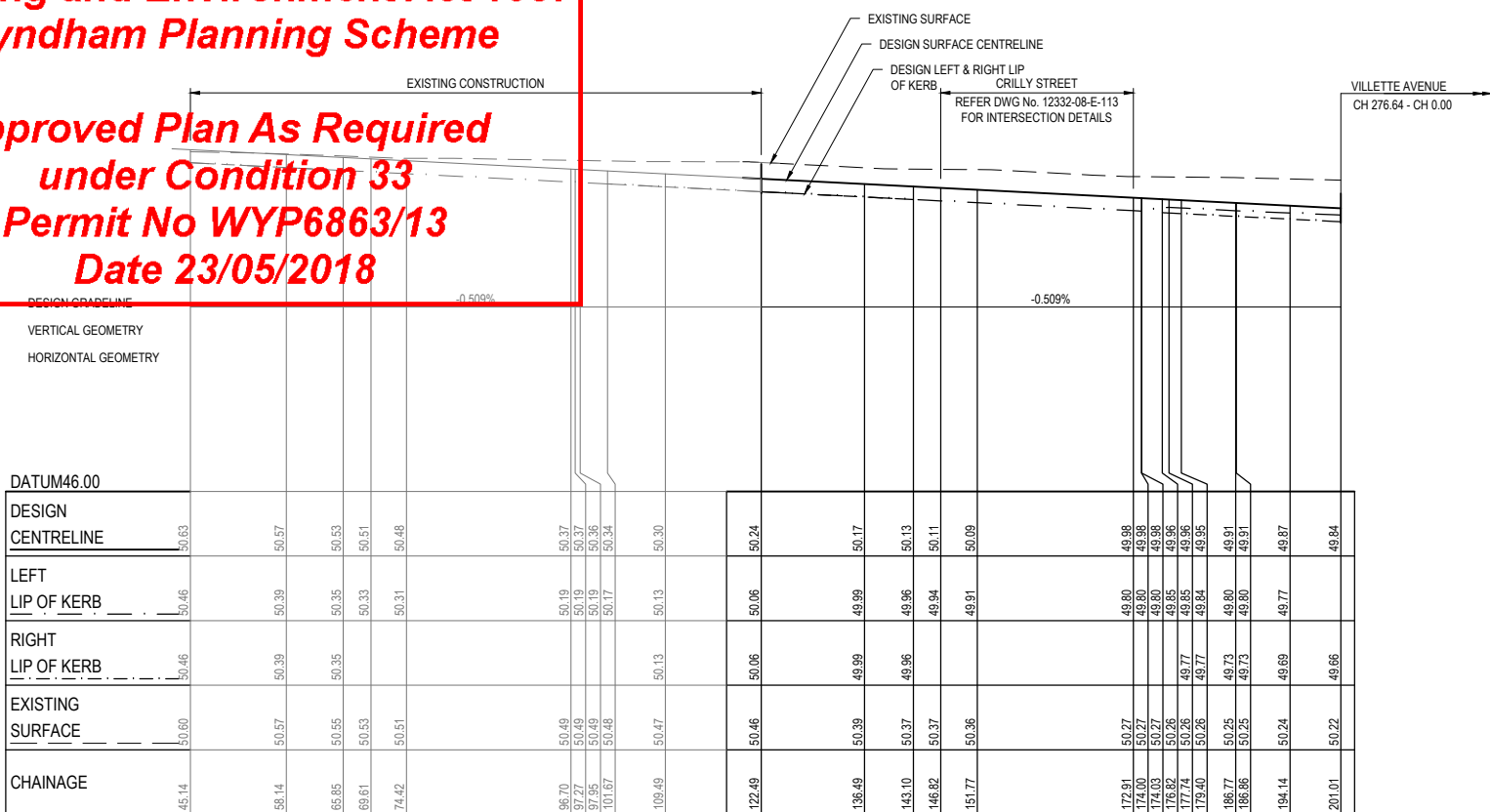
TAYLORS
 Urban Development | Infrastructure
 8 / 270 Ferntree Gully Road, Nottings Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylors.com.au

DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
 CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-107

WYNDHAM CITY COUNCIL	SCALE 1:500 @ A1
EMERALD PARK, STAGE 8	VERSION 0
DETAIL LAYOUT PLAN	SHEET 8 OF 22
	DRAWING No.
	12332-08-E-107

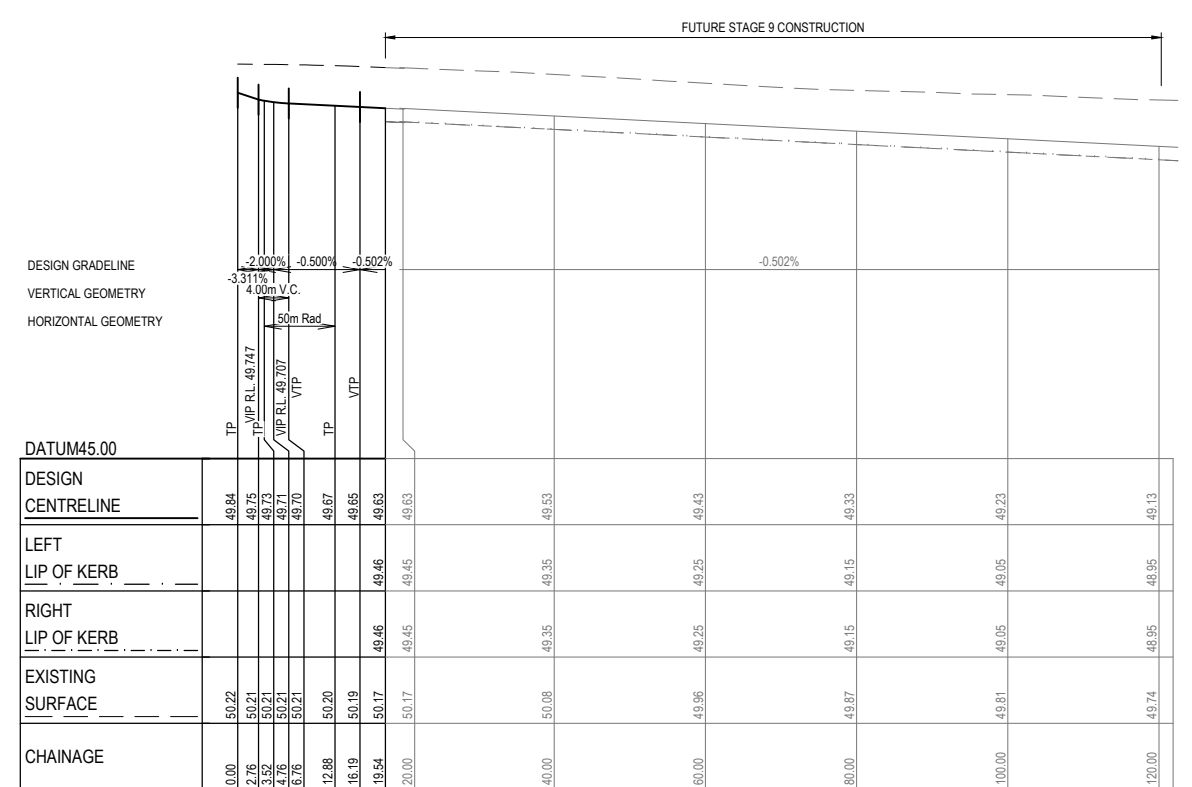
Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



DATUM46.00	
DESIGN CENTRELINE	50.63
LEFT LIP OF KERB	50.46
RIGHT LIP OF KERB	50.46
EXISTING SURFACE	50.60
CHAINAGE	45.14
	58.14
	59.57
	59.39
	50.57
	50.35
	50.53
	50.51
	50.48
	50.37
	50.37
	50.36
	50.34
	50.30
	50.24
	49.99
	49.99
	50.13
	50.11
	50.09
	49.80
	49.98
	49.98
	49.96
	49.96
	49.96
	49.95
	49.91
	49.80
	49.91
	49.87
	49.84

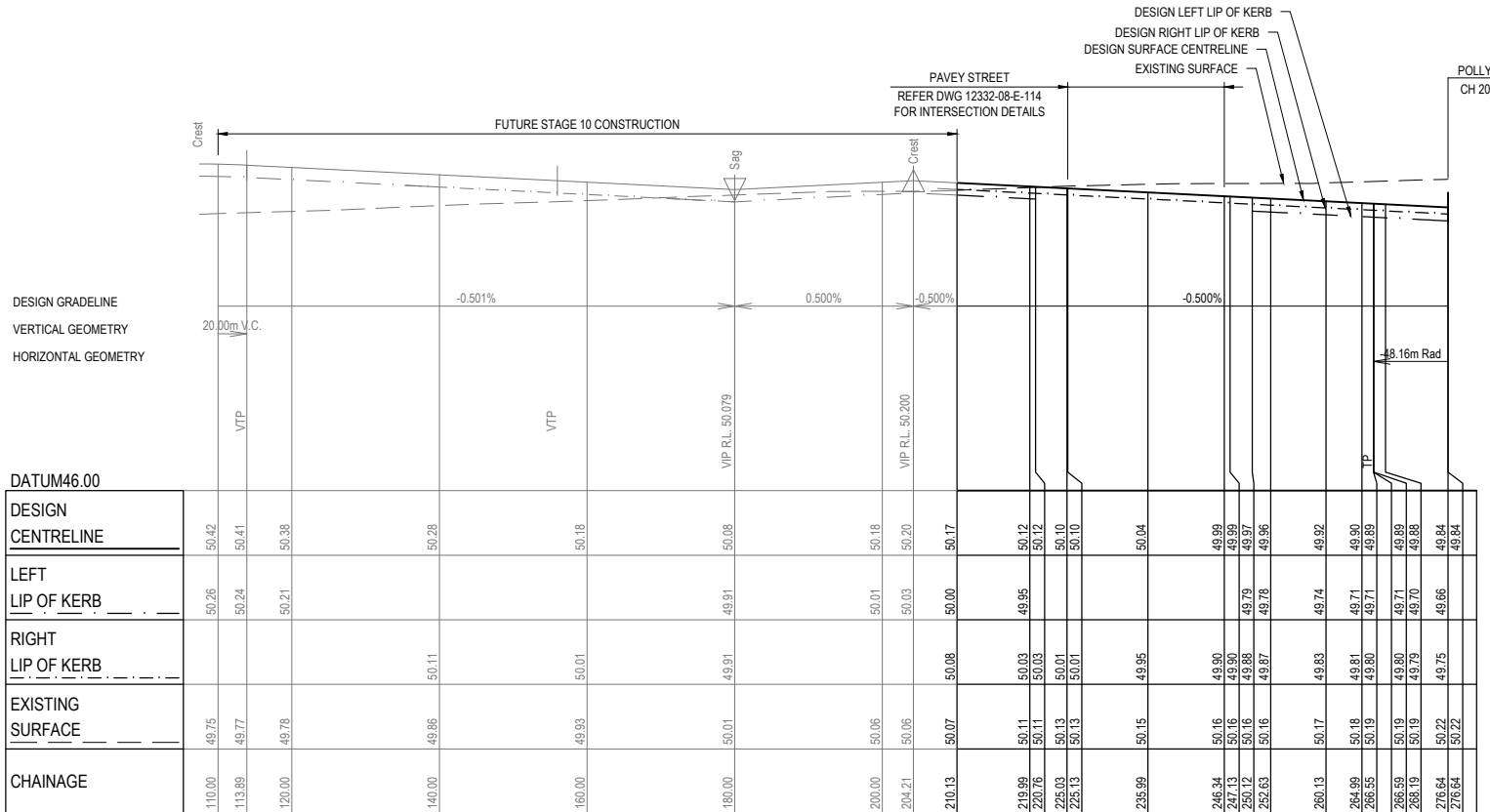
POLLY PARADE (N-S)



DATUM45.00	
DESIGN CENTRELINE	49.84
LEFT LIP OF KERB	49.75
RIGHT LIP OF KERB	49.71
EXISTING SURFACE	50.22
CHAINAGE	0.00
	2.06
	3.92
	6.76
	12.88
	16.19
	19.54
	20.00
	40.00
	60.00
	80.00
	100.00
	120.00

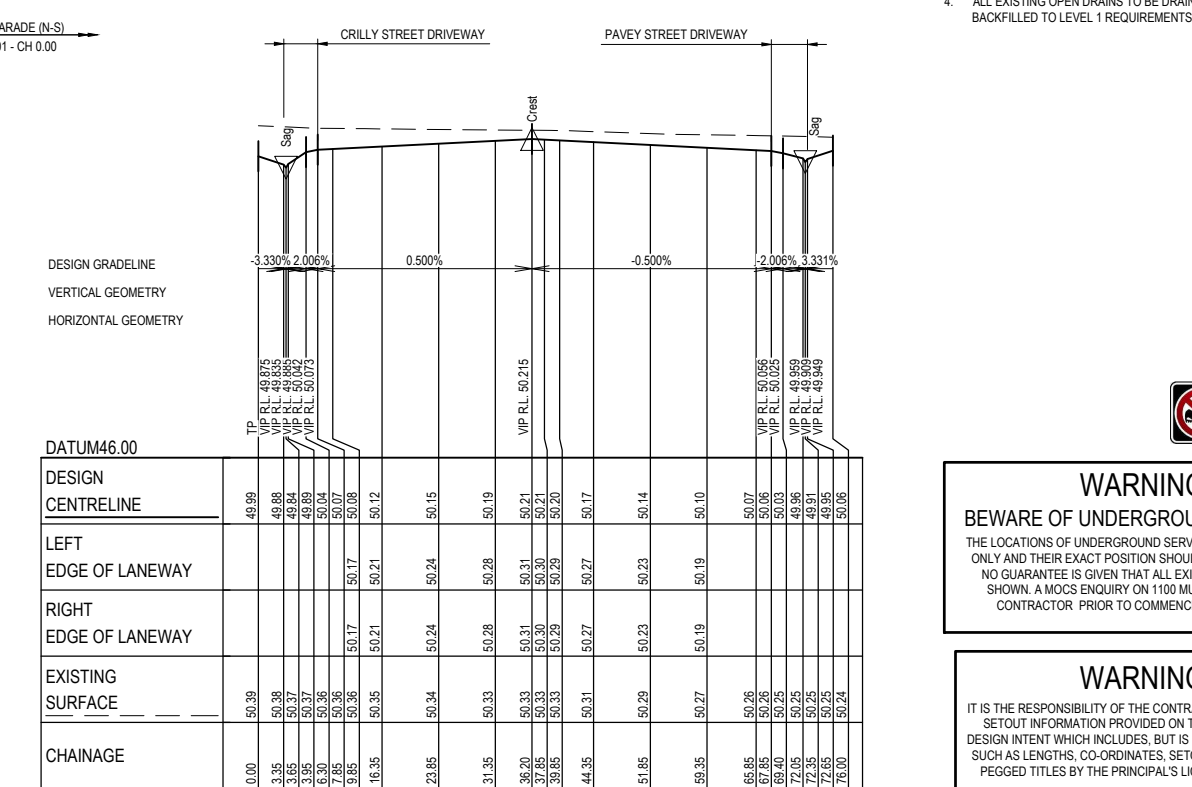
POLLY PARADE (E-W)

- NOTES:**
- ALL EXISTING SERVICES UNDER NEW PAVEMENTS, PATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH FOR ALL EXISTING PITS AND MANHOLES WITHIN NEW WORKS TO BE ADJUSTED TO NEATLY MATCH NEW FINISHED SURFACE.
 - ALL EXISTING SEWER PROPERTY BRANCHES AND HOUSE DRAINS DAMAGED BY WORKS TO BE REPLACED BY CONTRACTOR.
 - ALL EXISTING OPEN DRAINS TO BE DRAINED, DESLUGGED AND BACKFILLED TO LEVEL 1 REQUIREMENTS.



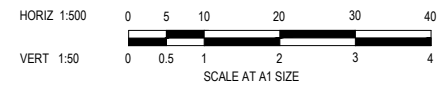
DATUM46.00	
DESIGN CENTRELINE	50.42
LEFT LIP OF KERB	50.26
RIGHT LIP OF KERB	50.21
EXISTING SURFACE	49.75
CHAINAGE	110.00
	113.89
	120.00
	140.00
	180.00
	200.00
	204.21
	210.13
	219.99
	220.76
	225.03
	225.13
	235.99
	245.34
	247.13
	250.12
	252.63
	260.13
	264.99
	266.55
	268.59
	268.19
	276.64
	276.64

VILLETTE AVENUE



DATUM46.00	
DESIGN CENTRELINE	49.99
LEFT EDGE OF LANEWAY	49.88
RIGHT EDGE OF LANEWAY	49.89
EXISTING SURFACE	50.37
CHAINAGE	0.00
	3.35
	6.30
	9.65
	16.35
	23.85
	31.35
	36.20
	39.68
	44.35
	51.85
	59.35
	65.85
	67.65
	69.48
	71.35
	72.65
	76.00

TANGEY LANE



WARNING
BEWARE 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.

WARNING
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.

CONSTRUCTION
 ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ

TAYLORS
 Urban Development | Infrastructure
 8 / 270 Ferntree Gully Road, Nottings Hill, Victoria, 3168
 Tel: 61 3 9507 2800 | Web: taylorsonline.com.au

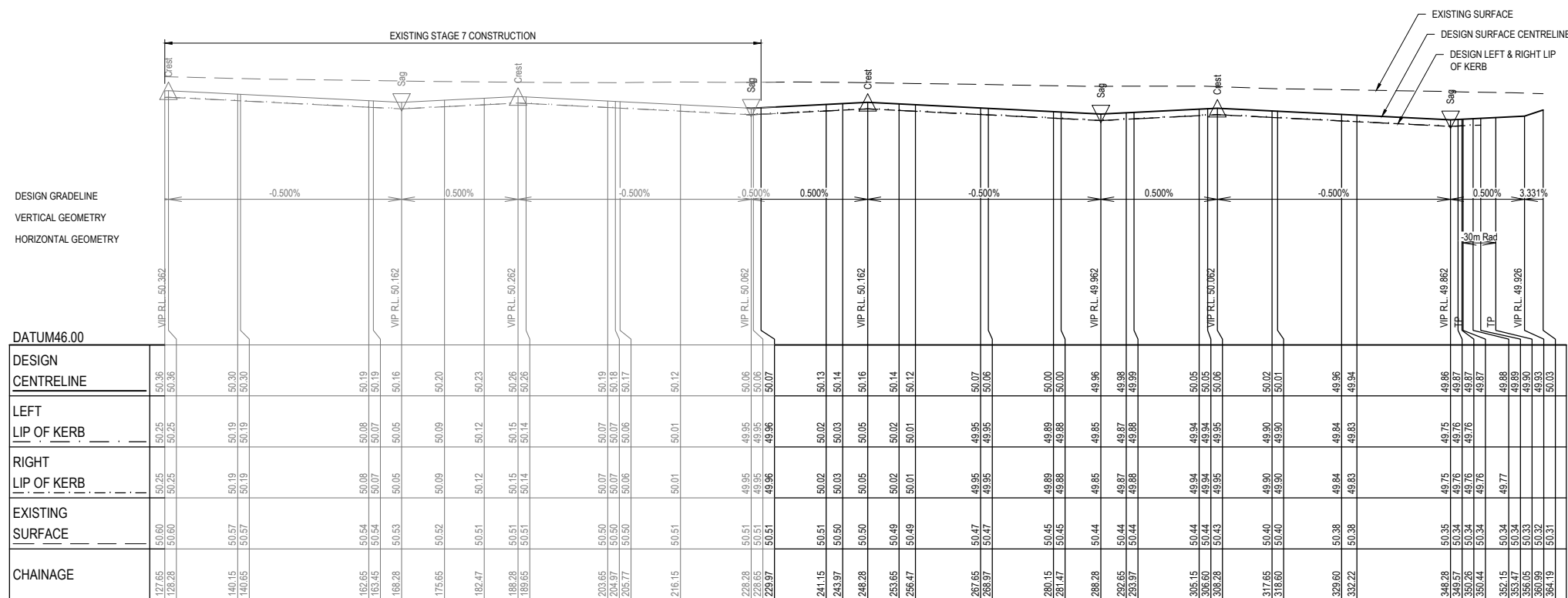
DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
 CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-108-109

WYNDHAM CITY COUNCIL
 EMERALD PARK, STAGE 8

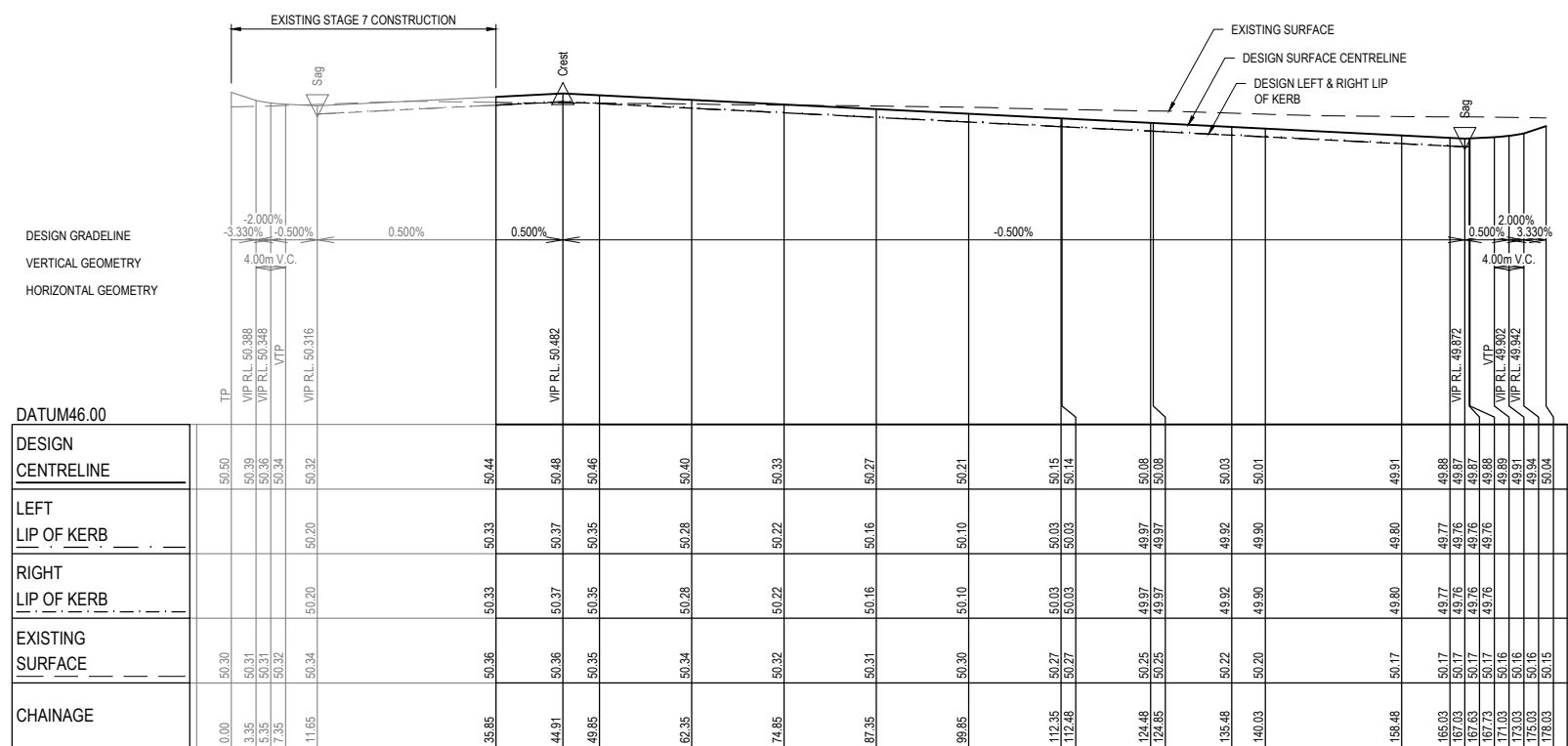
SCALE 1:500 H, 1:50 V @ A1
 VERSION 0
 SHEET 9 OF 22
 DRAWING No. 12332-08-E-108

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, DESLUGHED AND BACKFILLED TO LEVEL 1 REQUIREMENTS.



CRILLY STREET



PAVEY STREET

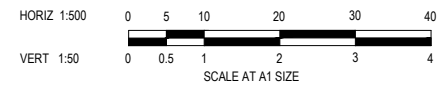
**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



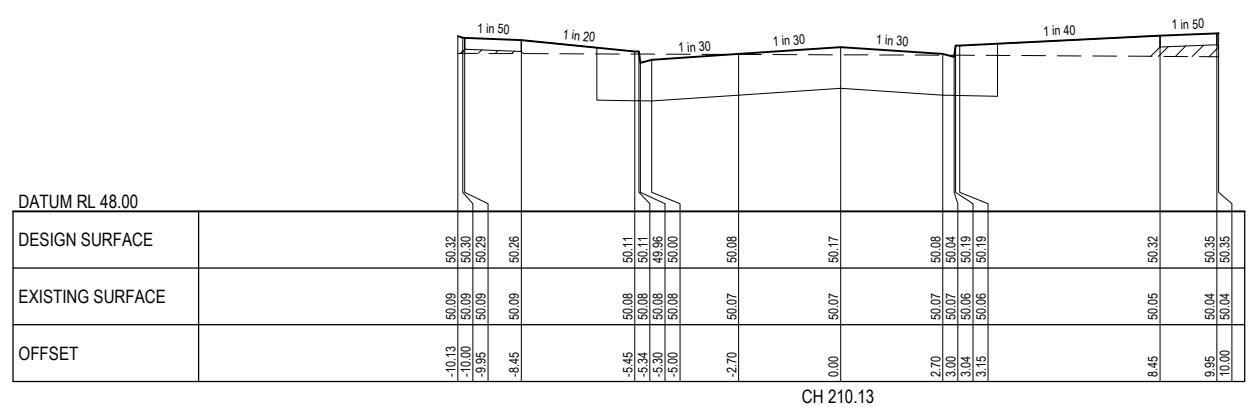
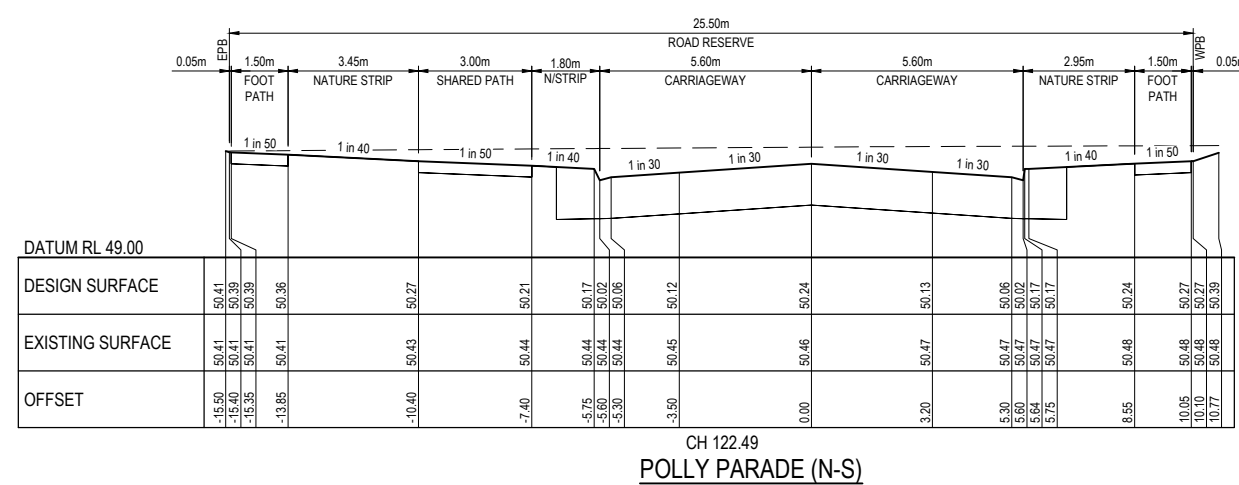
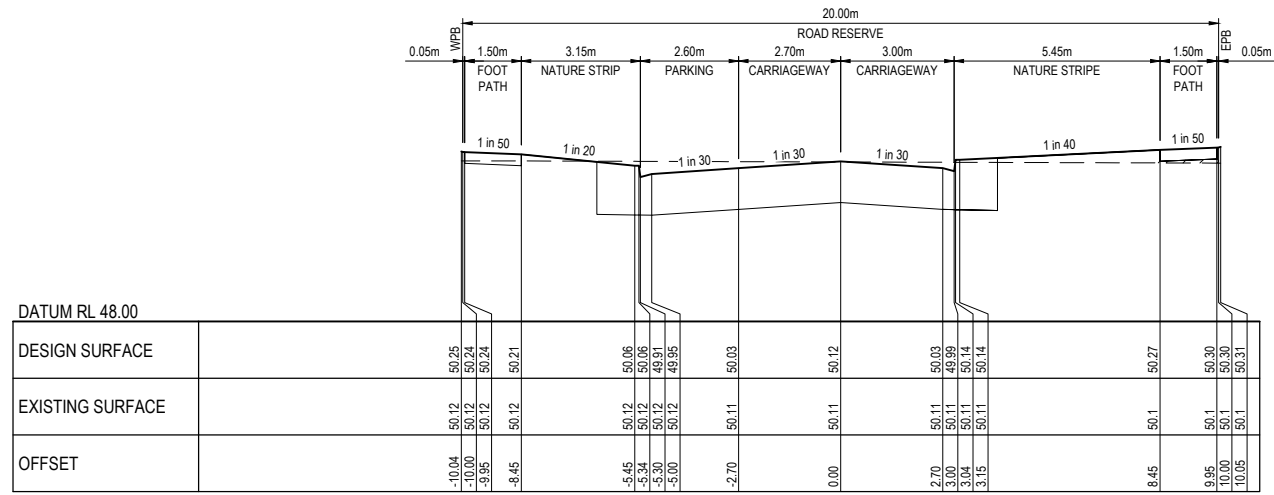
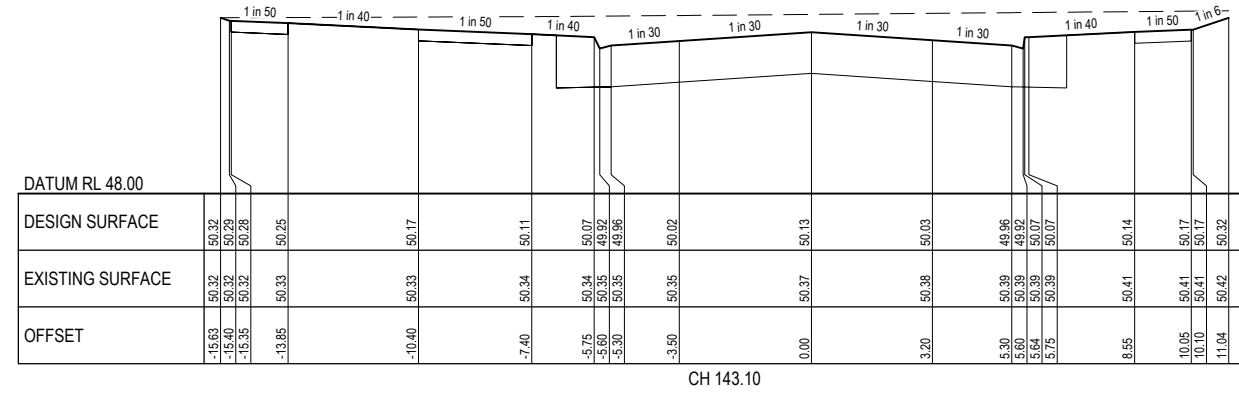
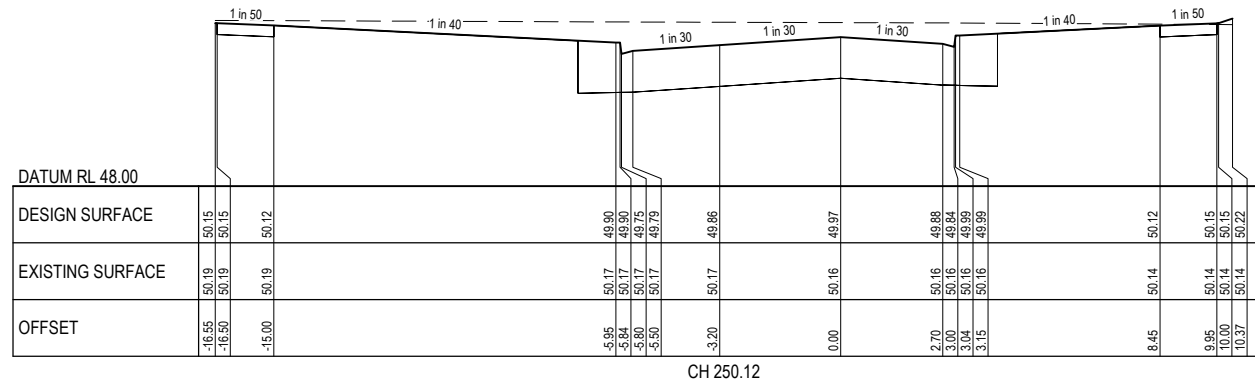
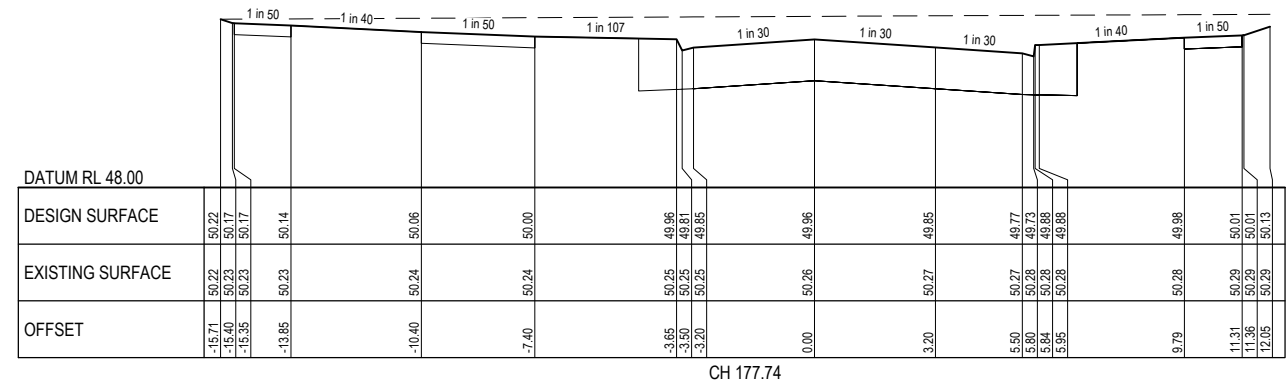
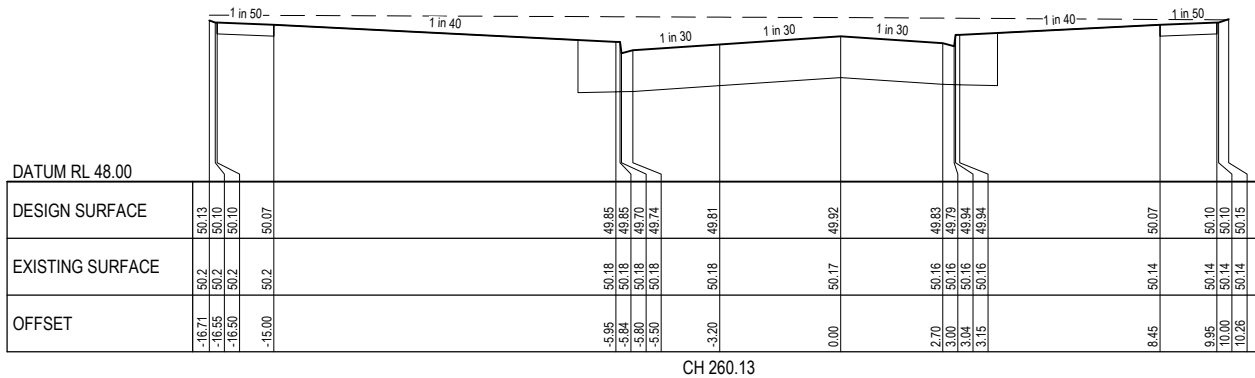
CONSTRUCTION
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ

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

DESIGNED: AKA
AUTHORISED: JOY
DRAFTED: KAW
CHECKED: KMJ
AUTH. DATE: 20/12/2017
CAD REF: 12332-08-E-108-109

WYNDHAM CITY COUNCIL EMERALD PARK, STAGE 8	SCALE 1:500 H, 1:50 V @ A1
VERSION 0	SHEET 10 OF 22
DRAWING No.	12332-08-E-109
CRILLY STREET AND PAVEY STREET LONGITUDINAL SECTIONS	



Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



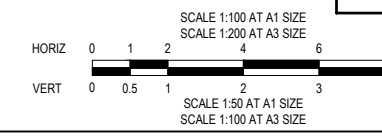
WARNING

BEWARE 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.

WARNING

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

DENOTES STRUCTURAL FILL COMPACTED TO LEVEL 1 REQUIREMENTS.

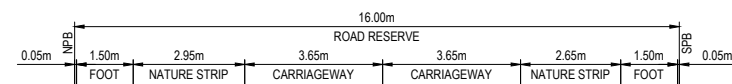
NOTE:
STRUCTURAL FILL MATERIAL TO BE APPROVED GRANULAR MATERIAL SPREAD IN SUCCESSIVE LAYERS NOT EXCEEDING 150mm (LOOSE MEASUREMENT) AND COMPACTED THROUGHOUT TO A DRY DENSITY OF NOT LESS THAN 98% STANDARD COMPACTION

VER	DATE	ISSUED FOR CONSTRUCTION	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION		KMJ



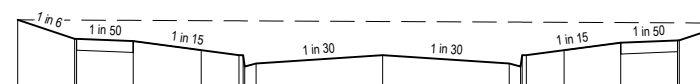
TAYLORS Urban Development Infrastructure 8 / 270 Ferntree Gully Road, Nottling Hill, Victoria, 3168 Tel: 61 3 9071 2600 Web: taylors.com.au					
DESIGNED:	AKA	AUTHORISED:	JOY	DRAFTED:	KAW
CHECKED:	KMJ	AUTH. DATE:	20/12/2017	CAD REF:	12332-08-E-110-112

WYNDHAM CITY COUNCIL EMERALD PARK, STAGE 8		SCALE: 1:100 H, 1:50 V @ A1
VILLETTE AVENUE AND POLLY PARADE CROSS SECTIONS		VERSION: 0
		SHEET: 11 OF 22
		DRAWING No. 12332-08-E-110



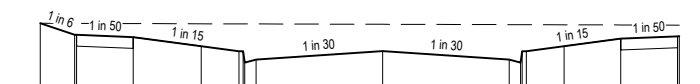
DATUM RL 48.00										
DESIGN SURFACE	50.45	50.26	50.23	50.05	50.05	49.94	50.21	50.24	50.24	50.31
EXISTING SURFACE	50.45	50.45	50.45	50.44	50.44	50.43	50.42	50.42	50.42	50.42
OFFSET	-9.26	8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.65	-3.35	6.30

CH 305.15



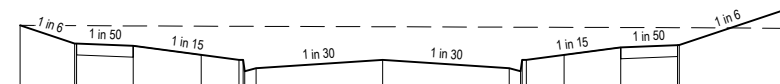
DATUM RL 48.00										
DESIGN SURFACE	50.47	50.22	50.22	50.00	50.00	49.89	50.17	50.20	50.20	50.30
EXISTING SURFACE	50.47	50.47	50.47	50.46	50.46	50.44	50.43	50.43	50.43	50.43
OFFSET	-9.66	8.15	-9.10	-6.60	-3.80	-3.69	-3.65	-3.65	-3.35	6.30

CH 280.15



DATUM RL 49.00										
DESIGN SURFACE	50.50	50.35	50.32	50.13	50.14	50.02	50.30	50.33	50.33	50.33
EXISTING SURFACE	50.5	50.5	50.5	50.49	50.49	50.48	50.48	50.48	50.48	50.48
OFFSET	-9.06	8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.65	-3.35	6.30

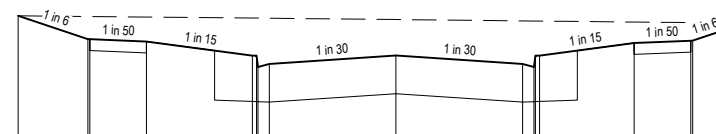
CH 253.65



DATUM RL 48.00										
DESIGN SURFACE	50.53	50.29	50.29	50.07	50.07	49.96	50.24	50.27	50.27	50.72
EXISTING SURFACE	50.53	50.52	50.52	50.51	50.51	50.51	50.51	50.51	50.51	50.49
OFFSET	-9.59	8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.65	-3.35	10.58

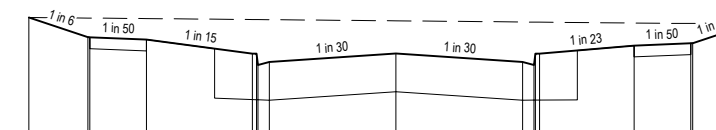
CH 229.97

CRILLY STREET



DATUM RL 48.00										
DESIGN SURFACE	50.39	50.08	50.08	49.87	49.87	49.76	50.03	50.06	50.06	50.20
EXISTING SURFACE	50.39	50.38	50.38	50.36	50.36	50.36	50.31	50.31	50.31	50.20
OFFSET	-10.00	8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.65	-3.35	6.30

CH 349.57



DATUM RL 48.00										
DESIGN SURFACE	50.42	50.16	50.16	49.84	49.84	49.79	49.94	50.05	50.05	50.26
EXISTING SURFACE	50.42	50.41	50.41	50.39	50.39	50.39	50.34	50.34	50.34	50.34
OFFSET	-9.71	8.15	-8.10	-6.60	-3.80	-3.69	-3.65	-3.65	-3.35	6.30

CH 332.22

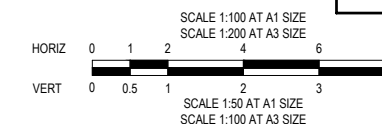
Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



WARNING
 BEWARE 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.

WARNING
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
 ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

/// DENOTES STRUCTURAL FILL COMPACTED TO LEVEL 1 REQUIREMENTS.
 NOTE:
 STRUCTURAL FILL MATERIAL TO BE APPROVED GRANULAR MATERIAL SPREAD IN SUCCESSIVE LAYERS NOT EXCEEDING 150mm (LOOSE MEASUREMENT) AND COMPACTED THROUGHOUT TO A DRY DENSITY OF NOT LESS THAN 98% STANDARD COMPACTION

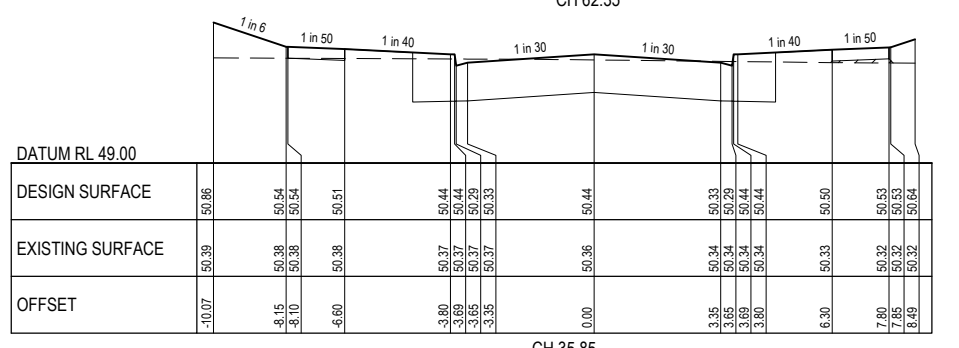
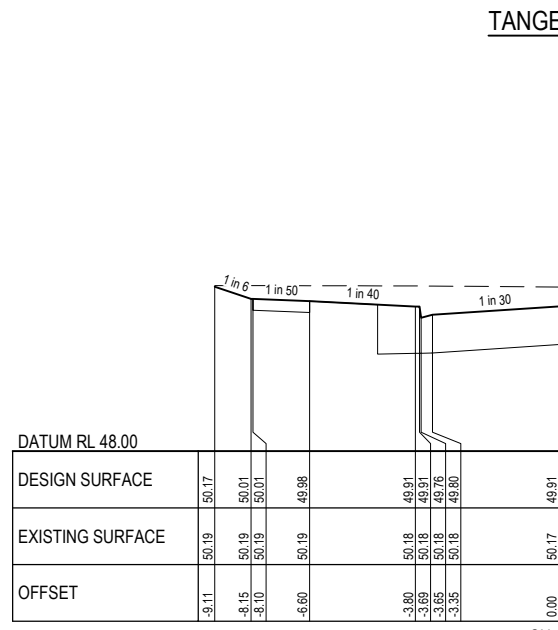
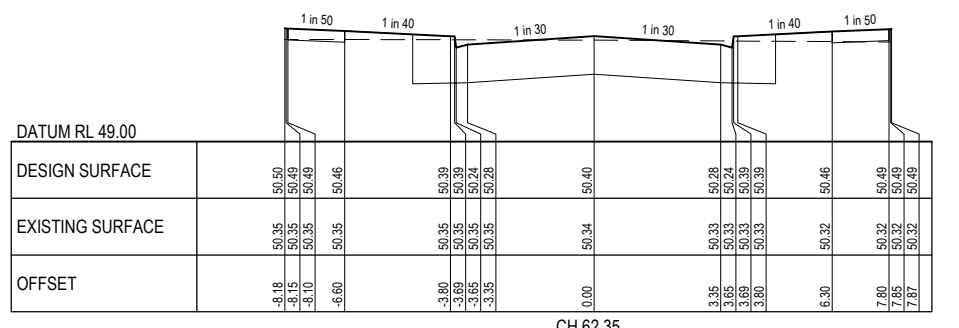
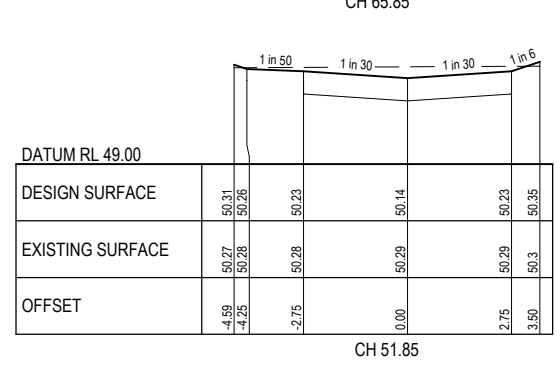
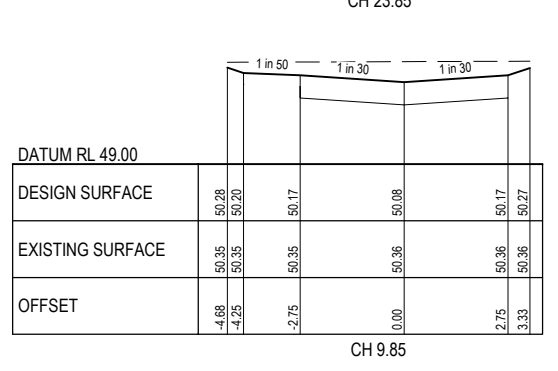
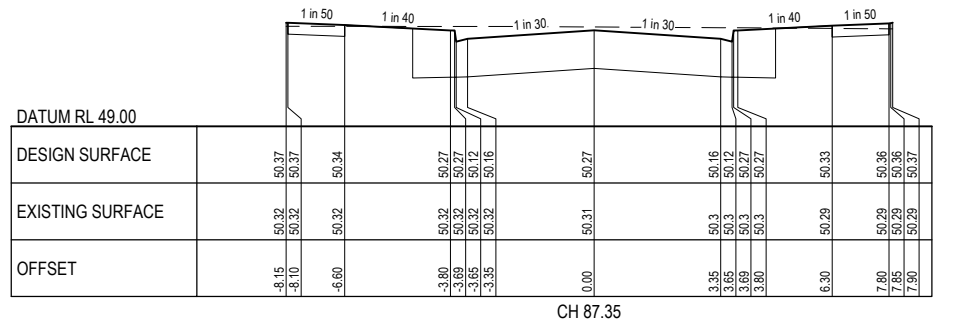
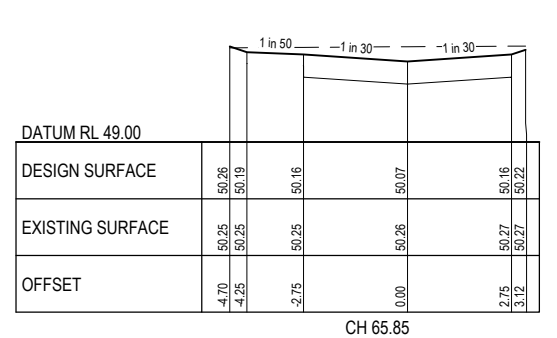
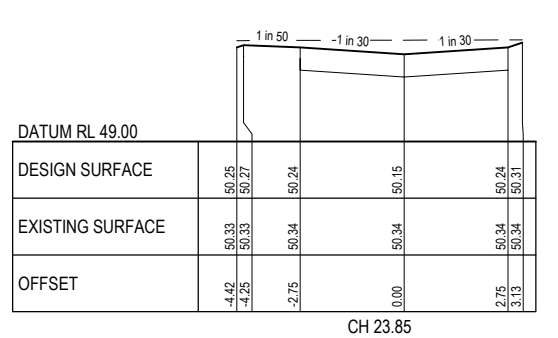
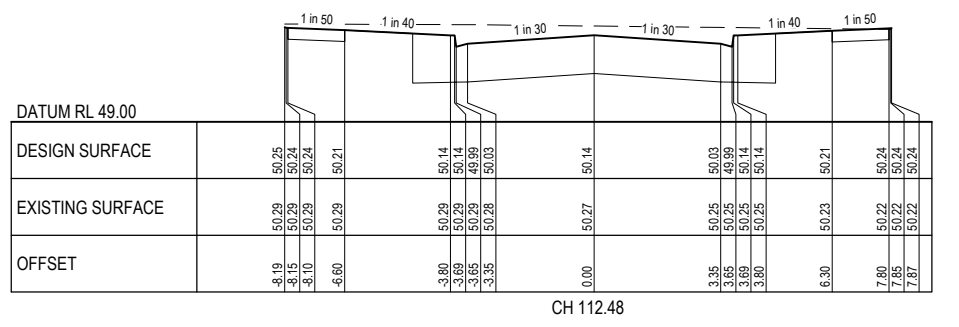
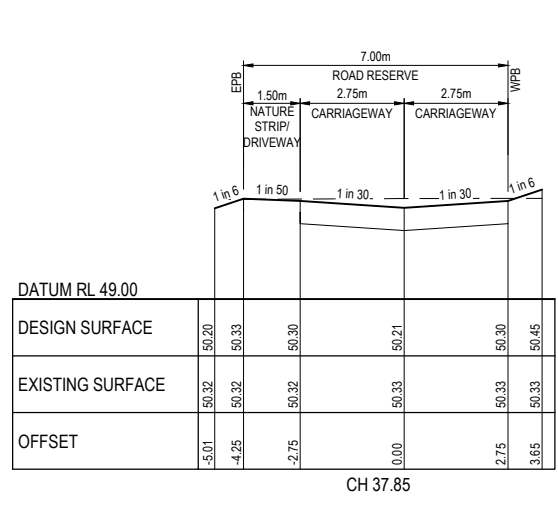
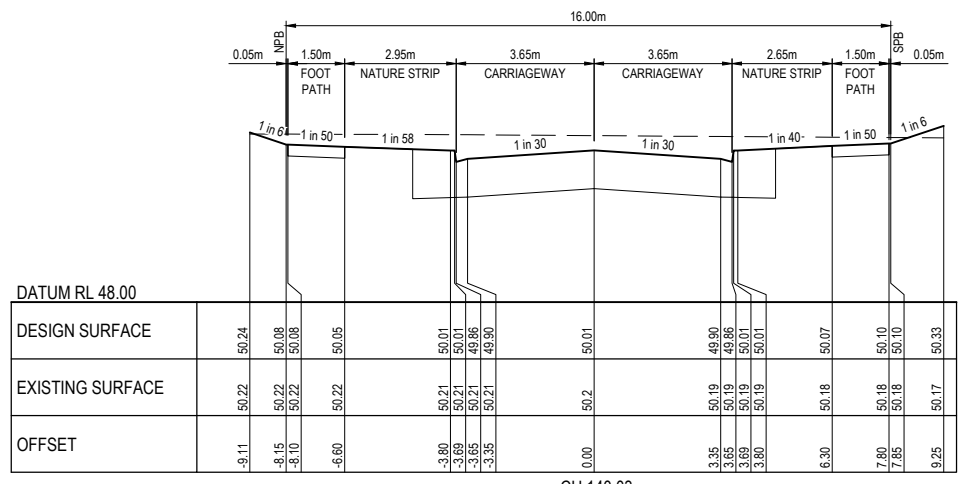
TAYLORS
 Urban Development | Infrastructure
 8 / 270 Ferntree Gully Road, Notting Hill, Victoria, 3168
 Tel: 61 3 9501 2800 | Web: taylors.com.au

DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
 CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-110-112

WYNDHAM CITY COUNCIL		SCALE 1:100 H, 1:50 V @ A1
EMERALD PARK, STAGE 8		VERSION 0
CRILLY STREET CROSS SECTIONS		SHEET 12 OF 22
		DRAWING No.
		12332-08-E-111

**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



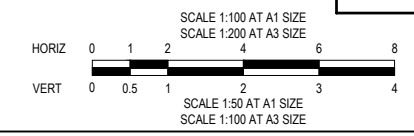
TANGY LANE

PAVEY STREET

PAVEY STREET

WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

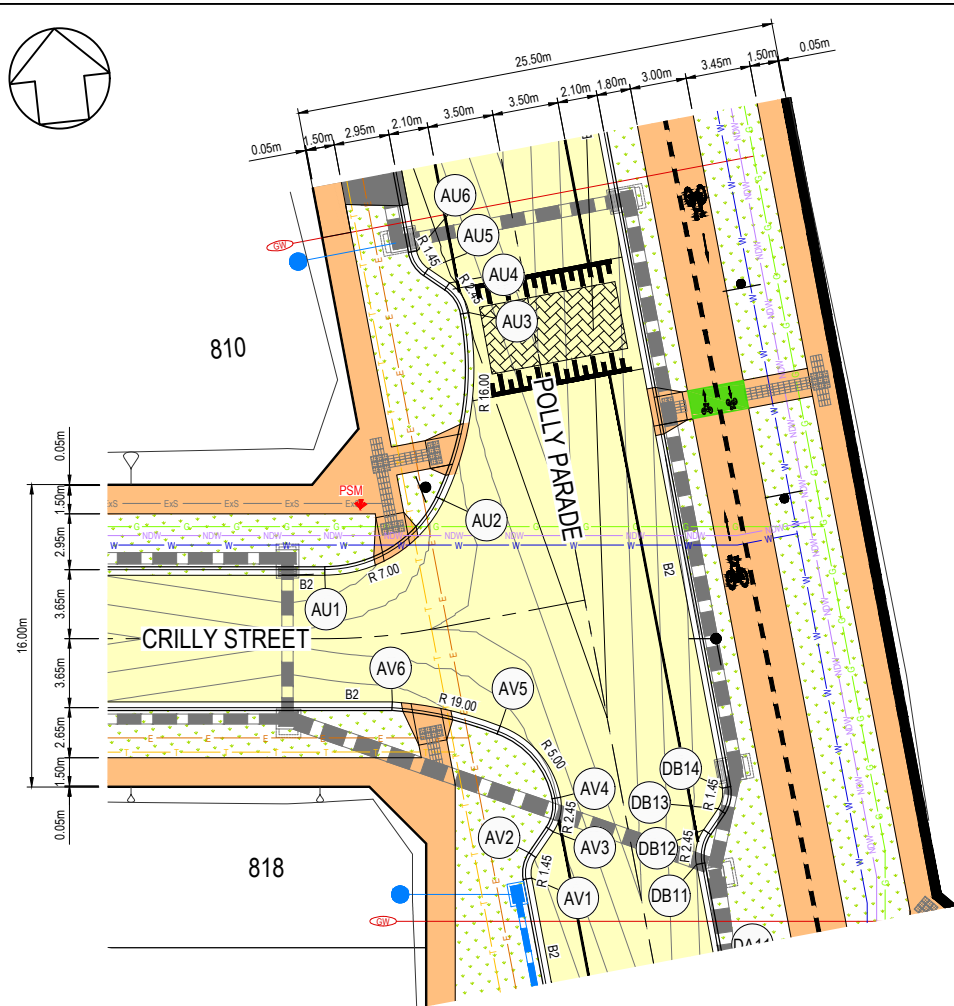
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

/// DENOTES STRUCTURAL FILL COMPACTED TO LEVEL 1 REQUIREMENTS.
NOTE:
STRUCTURAL FILL MATERIAL TO BE APPROVED GRANULAR MATERIAL SPREAD IN SUCCESSIVE LAYERS NOT EXCEEDING 150mm (LOOSE MEASUREMENT) AND COMPACTED THROUGHOUT TO A DRY DENSITY OF NOT LESS THAN 98% STANDARD COMPACTION

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

DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-110-112

WYNDHAM CITY COUNCIL		SCALE 1:100 H, 1:50 V @ A1
EMERALD PARK, STAGE 8		VERSION 0
PAVEY STREET AND TANGY LANE CROSS SECTIONS		SHEET 13 OF 22
		DRAWING No.
		12332-08-E-112

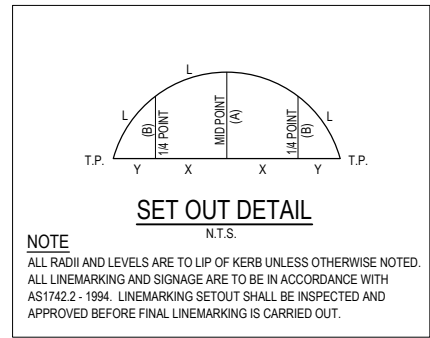


POLLY PARADE AND CRILLY STREET INTERSECTION DETAIL
SCALE 1:200 @ A1

ALIGNMENT AU									
POINT NO	EASTING	NORTHING	RL						
AU1	295758.53	5811070.68	49.76						
AU2	295765.23	5811073.90	49.87						
AU3	295767.67	5811083.63	50.01						
AU4	295766.82	5811085.30	49.99						
AU5	295765.80	5811086.19	49.97						
AU6	295765.30	5811087.18	49.96						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
AU1 - AU2	64.18	7.00	7.84	1.07	0.80	1.94	1.78	1.96	49.82
AU2 - AU3	36.54	16.00	10.20	0.81	0.60	2.54	2.48	2.55	49.94
AU3 - AU4	45.00	2.45	1.92	0.19	0.14	0.48	0.46	0.48	50.00
AU5 - AU6	45.00	1.45	1.14	0.11	0.08	0.28	0.27	0.29	49.96

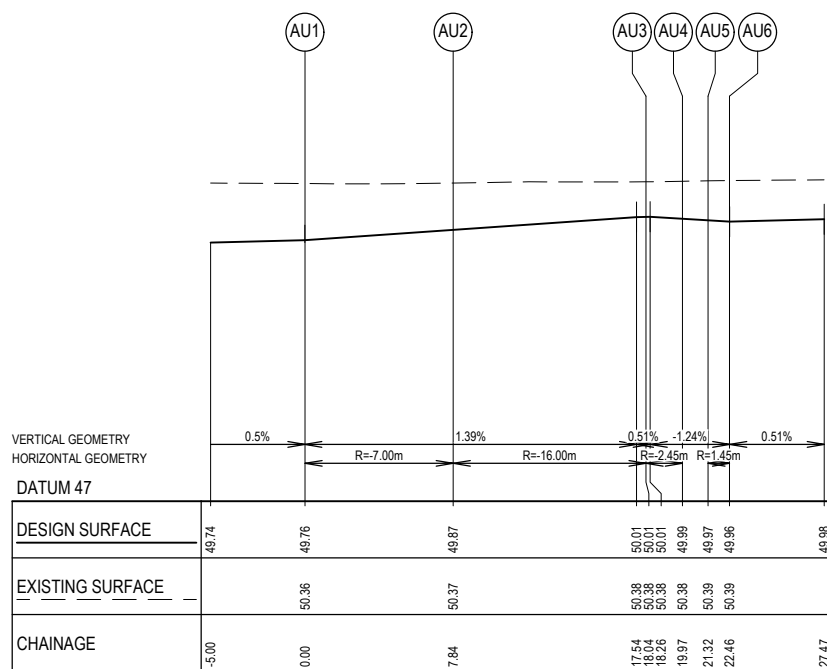
ALIGNMENT AV									
POINT NO	EASTING	NORTHING	RL						
AV1	295767.59	5811053.54	49.78						
AV2	295767.94	5811054.59	49.80						
AV3	295769.01	5811055.83	49.84						
AV4	295769.59	5811057.61	49.88						
AV5	295766.84	5811061.72	49.83						
AV6	295761.32	5811063.62	49.77						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
AV1 - AV2	45.00	1.45	1.14	0.11	0.08	0.28	0.27	0.29	49.79
AV3 - AV4	45.00	2.45	1.92	0.19	0.14	0.48	0.46	0.48	49.86
AV4 - AV5	59.23	5.00	5.17	0.65	0.49	1.28	1.19	1.29	49.85
AV5 - AV6	17.89	19.00	5.87	0.23	0.17	1.47	1.46	1.47	49.80

ALIGNMENT DB1									
POINT NO	EASTING	NORTHING	RL						
DB11	295778.15	5811057.12	49.80						
DB12	295777.80	5811056.07	49.81						
DB13	295776.92	5811055.04	49.83						
DB14	295776.33	5811053.26	49.85						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
DB11 - DB12	45.00	1.45	1.14	0.11	0.08	0.28	0.27	0.29	49.80
DB13 - DB14	45.00	2.45	1.92	0.19	0.14	0.48	0.46	0.48	49.85

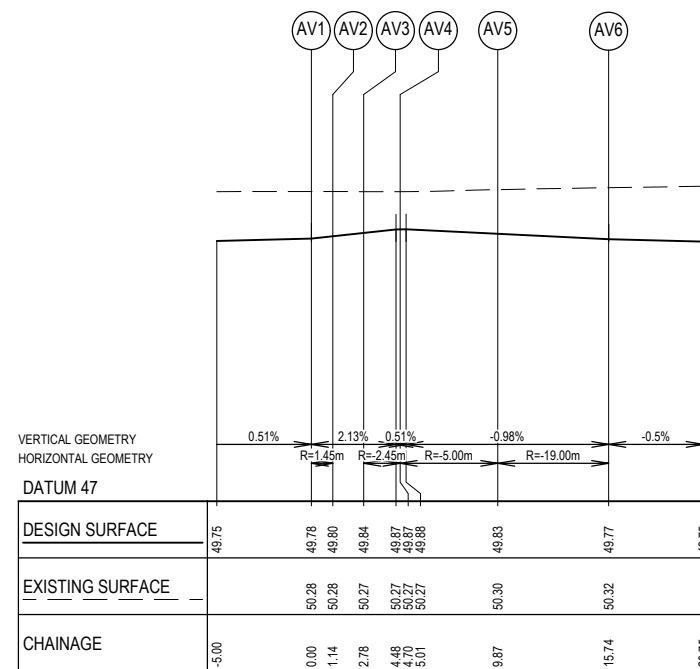


Planning and Environment Act 1987
Wyndham Planning Scheme

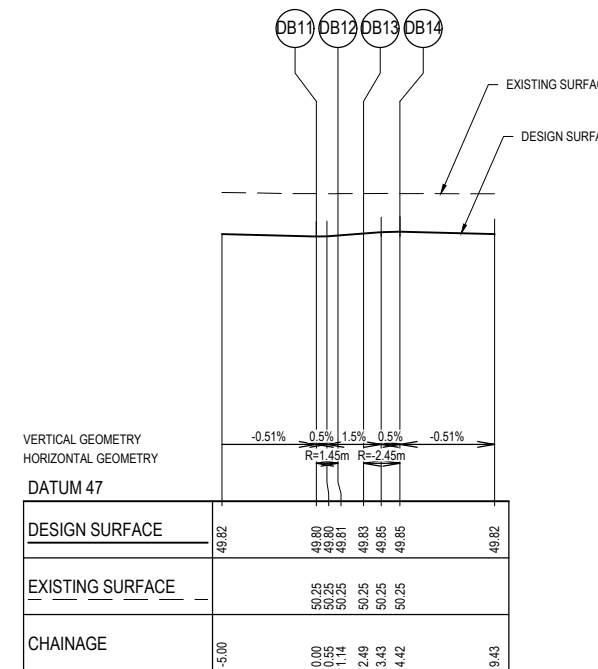
Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



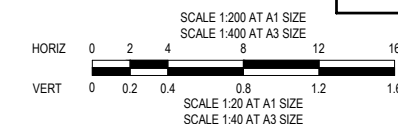
LIP PROFILE AU



LIP PROFILE AV



LIP PROFILE DB1



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.

CONSTRUCTION
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ

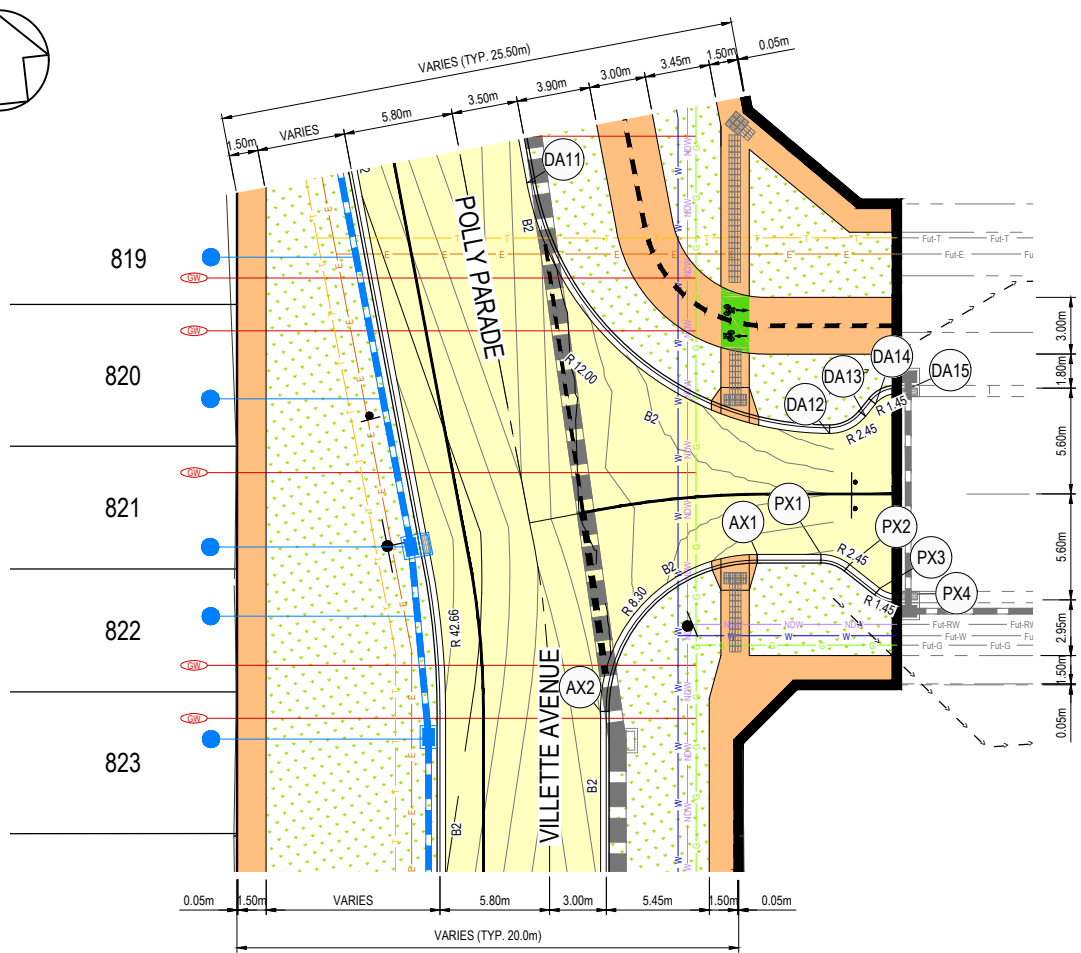
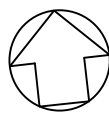
PROPOSED NEW PAVEMENT	PROPOSED GAS MAIN	PROPOSED PROPERTY INLETS
PROPOSED CONCRETE PATH	PROPOSED NON-DRINKING WATER	EXISTING DRAIN & PIT
PROPOSED CROSSOVER	PROPOSED WATER MAIN	OPEN DRAIN
PROPOSED LANDSCAPING	PROPOSED ELECTRICITY CABLE	STREET NAME SIGN
	PROPOSED TELCO CABLE	P.S.M. T.B.M.
	PROPOSED SEWER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

LEGEND

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

DESIGNED: AKA
AUTHORISED: JOY
DRAFTED: KAW
CHECKED: KMJ
AUTH. DATE: 20/12/2017
CAD REF: 12332-08-E-113-115

WYNDHAM CITY COUNCIL		SCALE
EMERALD PARK, STAGE 8		1:200 @ A1
ROAD INTERSECTION DETAIL PLAN		VERSION 0
SHEET 1 OF 3		DRAWING No. 14 OF 22
		DRAWING No. 12332-08-E-113



ALIGNMENT DA1			
POINT NO	EASTING	NORTHING	RL
DA11	295776.74	5811047.72	49.82
DA12	295791.16	5811032.73	49.52
DA13	295793.15	5811033.41	49.49
DA14	295793.75	5811034.00	49.48
DA15	295794.93	5811034.41	49.46

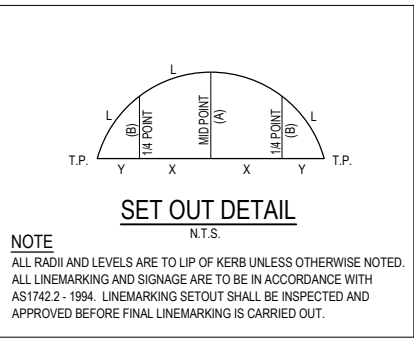
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
DA11 - DA12	79.29	16.30	22.56	3.75	2.78	5.53	4.87	5.64	49.65
DA12 - DA13	51.03	2.45	2.18	0.02	0.18	0.54	0.51	0.55	49.50
DA14 - DA15	51.03	1.45	1.29	0.14	0.11	0.32	0.30	0.32	49.47

ALIGNMENT AX			
POINT NO	EASTING	NORTHING	RL
AX1	295786.65	5811026.80	49.56
AX2	295777.46	5811019.49	49.80

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
AX1 - AX2	90.00	8.30	13.04	2.43	1.80	3.18	2.69	3.26	49.68

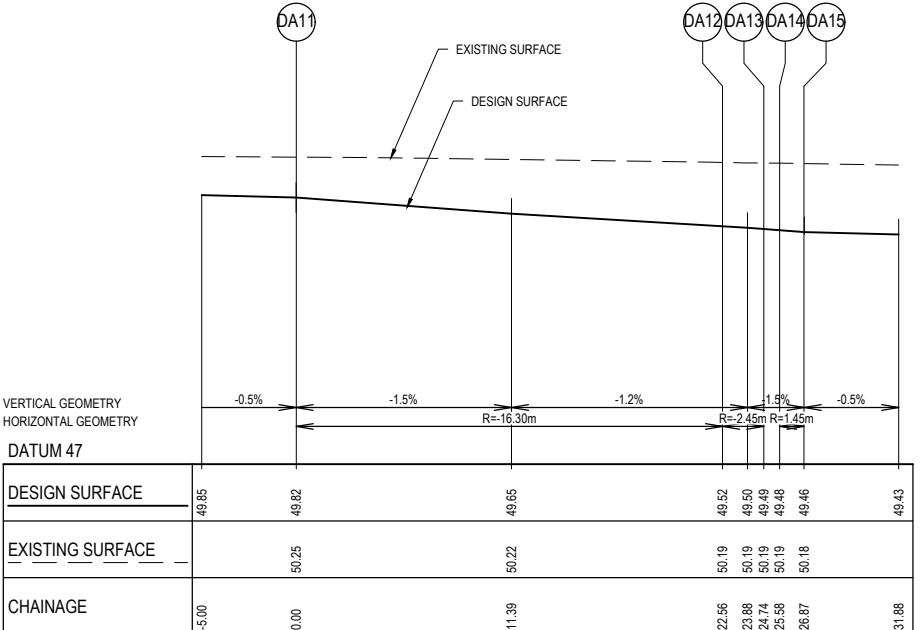
ALIGNMENT PX			
POINT NO	EASTING	NORTHING	RL
PX1	295789.98	5811026.42	49.55
PX2	295791.43	5811025.72	49.52
PX3	295792.88	5811024.29	49.47
PX4	295793.74	5811023.88	49.46

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
PX1 - PX2	38.3	2.5	1.6	0.1	0.1	0.4	0.4	0.4	49.5
PX3 - PX4	38.3	1.5	1.0	0.1	0.1	0.2	0.2	0.2	49.5

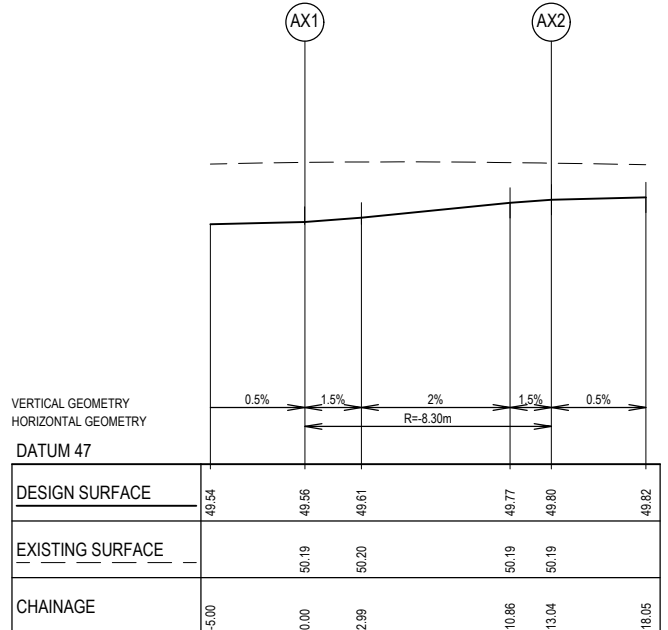


Planning and Environment Act 1987
Wyndham Planning Scheme

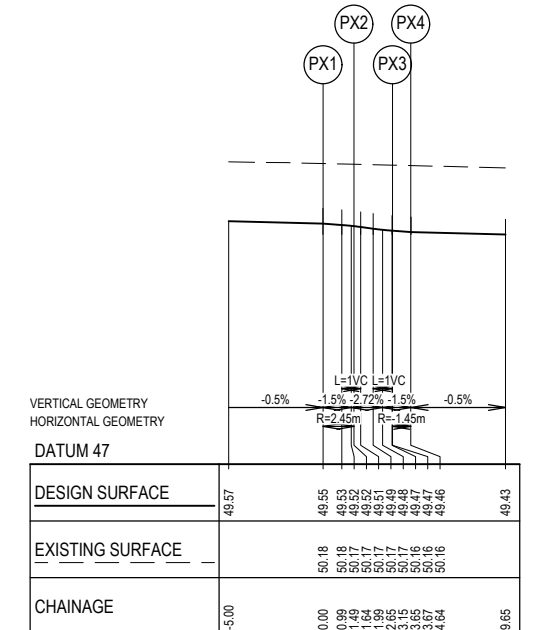
Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



LIP PROFILE DA1



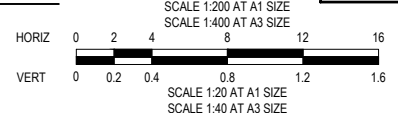
LIP PROFILE AX



LIP PROFILE PX

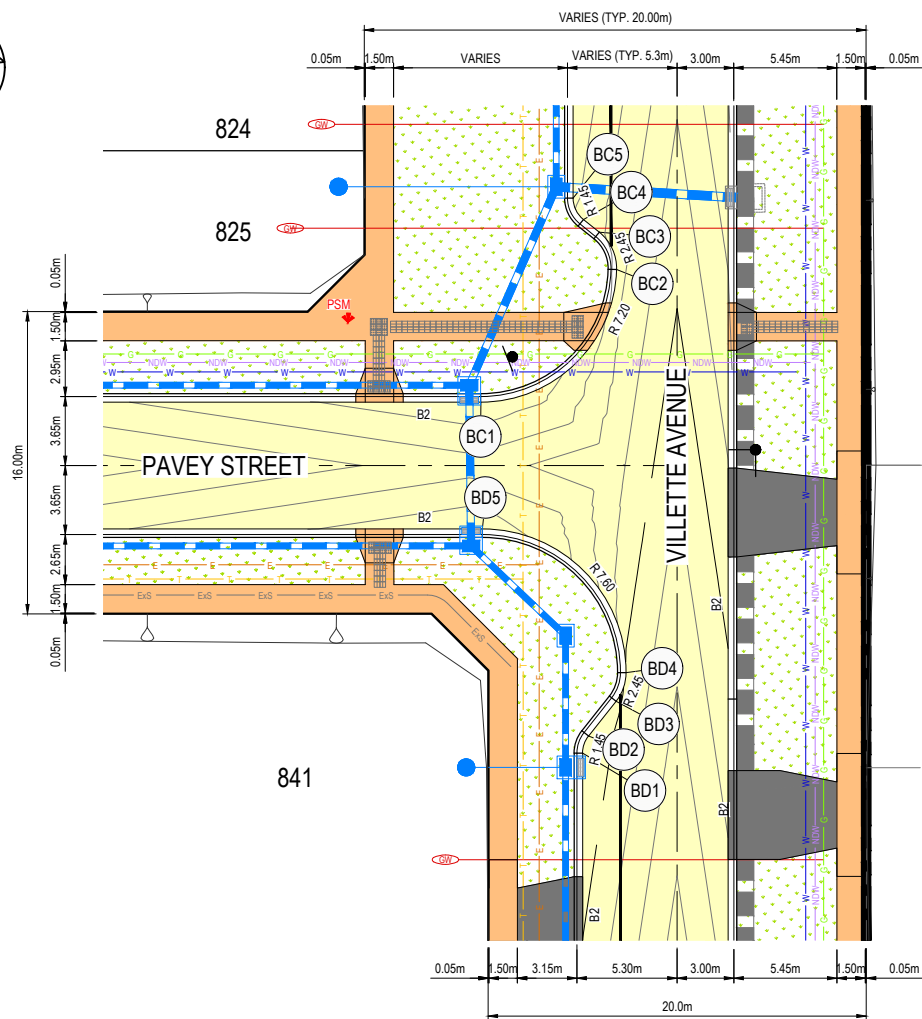
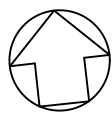
WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVED ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. A MOCS ENQUIRY ON 1100 MUST BE MADE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

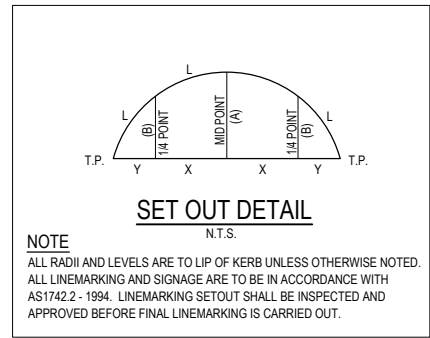
0 09/05/2018 ISSUED FOR CONSTRUCTION VER DATE REVISION		KMJ APPD.	PROPOSED NEW PAVEMENT PROPOSED CONCRETE PATH PROPOSED CROSSOVER PROPOSED LANDSCAPING	PROPOSED GAS MAIN PROPOSED NON-DRINKING WATER PROPOSED WATER MAIN PROPOSED ELECTRICITY CABLE PROPOSED TELCO CABLE PROPOSED SEWER MAIN & M.H. PROPOSED DRAIN & PIT	PROPOSED PROPERTY INLETS EXISTING DRAIN & PIT OPEN DRAIN STREET NAME SIGN P.S.M. T.B.M. PROPOSED GAS & WATER CONDUIT		TAYLORS Urban Development Infrastructure 8 / 270 Ferntree Gully Road, Nottings Hill, Victoria, 3168 Tel: 61 3 9501 2800 Web: taylors.com.au	WYNDHAM CITY COUNCIL EMERALD PARK, STAGE 8 ROAD INTERSECTION DETAIL PLAN SHEET 2 OF 3	SCALE 1:200 @ A1 VERSION 0 SHEET 15 OF 22 DRAWING No. 12332-08-E-114
---	--	--------------	---	---	--	--	---	--	---



VILLETTE AVENUE AND POLLY PARADE INTERSECTION DETAILS
SCALE 1:200 @ A1

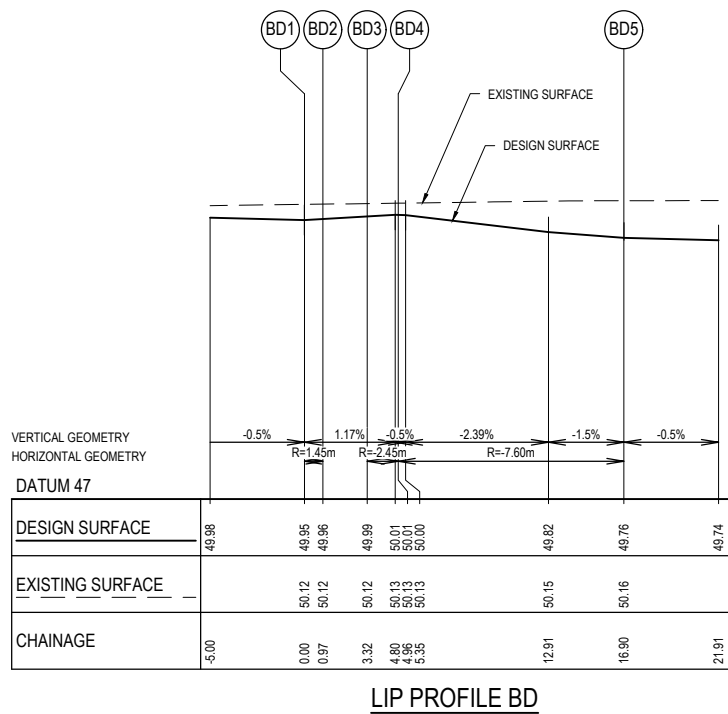
ALIGNMENT BC									
POINT NO	EASTING	NORTHING	RL						
BC1	295761.37	5810993.87	49.76						
BC2	295769.32	5811000.03	49.88						
BC3	295768.63	5811002.10	49.84						
BC4	295767.87	5811002.86	49.82						
BC5	295767.46	5811004.04	49.79						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
BC1 - BC2	88.56	7.20	11.13	2.05	1.51	2.71	2.31	2.78	49.81
BC2 - BC3	52.76	2.45	2.26	0.26	0.19	0.56	0.53	0.56	49.86
BC4 - BC5	51.32	1.45	1.30	0.14	0.11	0.32	0.31	0.33	49.80

ALIGNMENT BD									
POINT NO	EASTING	NORTHING	RL						
BD1	295764.64	5810974.82	49.95						
BD2	295765.05	5810975.68	49.96						
BD3	295766.71	5810977.34	49.99						
BD4	295767.41	5810978.79	50.01						
BD5	295760.71	5810987.20	49.76						
CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
BD1 - BD2	38.40	1.45	0.97	0.08	0.06	0.24	0.24	0.24	49.96
BD3 - BD4	38.40	2.45	1.64	0.14	0.10	0.41	0.40	0.41	50.00
BD4 - BD5	90.00	7.60	11.94	2.23	1.65	2.91	2.47	2.98	49.87

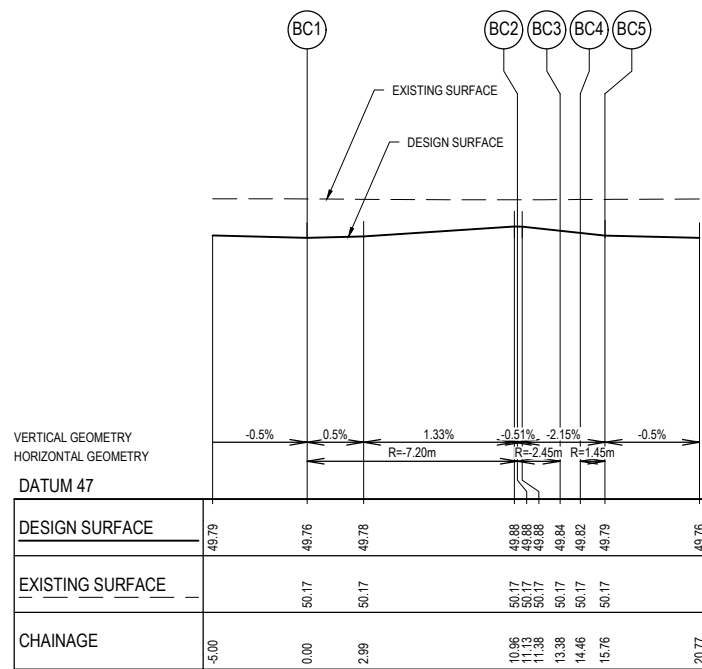


**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



LIP PROFILE BD

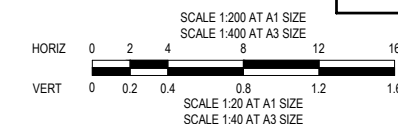


LIP PROFILE BC



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

PROPOSED NEW PAVEMENT	PROPOSED GAS MAIN	PROPOSED PROPERTY INLETS		WYNDHAM CITY COUNCIL	SCALE 1:200 @ A1
PROPOSED CONCRETE PATH	PROPOSED NON-DRINKING WATER	EXISTING DRAIN & PIT		EMERALD PARK, STAGE 8	VERSION 0
PROPOSED CROSSOVER	PROPOSED WATER MAIN	OPEN DRAIN			SHEET 16 OF 22
PROPOSED LANDSCAPING	PROPOSED ELECTRICITY CABLE	STREET NAME SIGN		ROAD INTERSECTION DETAIL PLAN	DRAWING No.
	PROPOSED TELCO CABLE	P.S.M. T.B.M.		SHEET 3 OF 3	12332-08-E-115
0 09/05/2018 ISSUED FOR CONSTRUCTION	PROPOSED SEWER MAIN & M.H.	PROPOSED GAS & WATER CONDUIT	DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: KAW
VER DATE REVISION	APPD.	LEGEND	CHECKED: KMJ	AUTH. DATE: 20/12/2017	CAD REF: 12332-08-E-113-115

**Planning and Environment Act 1987
Wyndham Planning Scheme**









**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**

INSTALLATION NOTES:

1. CIVIL CONTRACTOR
2. CONSTRUCT ROADWORKS AS SHOWN.
3. CONSTRUCT DDA COMPLIANT PRAM CROSSINGS IN ACCORDANCE WITH AS1428.
4. CONSTRUCT CUT-THROUGH WALKWAYS AS SHOWN IN ACCORDANCE WITH AS1428.
5. SUPPLY AND INSTALL PUBLIC LIGHTING AND REMOVE ANY REDUNDANT POLES OR EQUIPMENT. REFER GENERAL NOTES ON DWG 02230-03-E-100.
6. CONSTRUCT (SUPPLY ALL MATERIALS AND LABOR) PEDESTRIAN FOOTPATH AS SHOWN.
7. LINEMARK AS SHOWN AND REMOVE ANY REDUNDANT MARKINGS.
8. SUPPLY AND INSTALL RRPMs AND RPMS AS SHOWN AND REMOVE ANY REDUNDANT MARKERS.
9. SUPPLY AND INSTALL ROAD SIGNS WHERE SHOWN AND REMOVE ANY REDUNDANT SIGNS.
10. ALL VESPIITS AND ASSOCIATED CONDUITS TO BE INSTALLED BY POWER COMPANY APPROVED PRE-QUALIFIED ELECTRICAL CONTRACTORS.

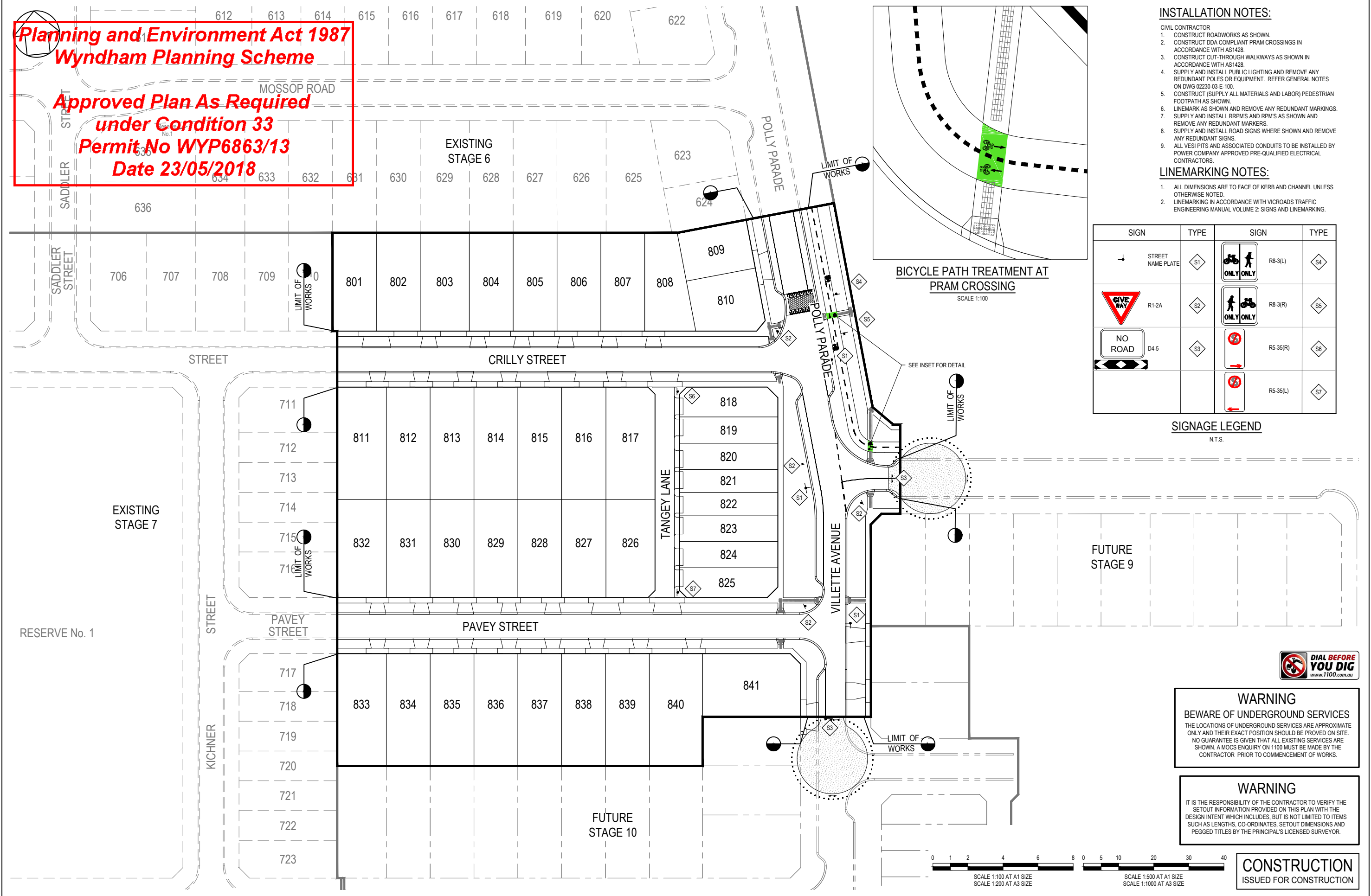
LINEMARKING NOTES:

1. ALL DIMENSIONS ARE TO FACE OF KERB AND CHANNEL UNLESS OTHERWISE NOTED.
2. LINEMARKING IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2: SIGNS AND LINEMARKING.

SIGN	TYPE	SIGN	TYPE
	S1		R8-3(L) S4
	R1-2A S2		R8-3(R) S5
	D4-5 S3		R5-35(R) S6
			R5-35(L) S7

SIGNAGE LEGEND

N.T.S.



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

<p>300mm WIDE GIVE WAY HOLDING LINE</p> <p>200mm WIDE CONTINUITY LINE</p> <p>100mm WIDE SEPARATION LINE</p> <p>100mm WIDE BARRIER LINE</p>		<p>RAISED REFLECTIVE PAVEMENT MARKERS (SPACED AT 5m o/c UNLESS NOTED OTHERWISE)</p>	 <p>TAYLORS Urban Development Infrastructure 8 / 270 Ferntree Gully Road, Nottings Hill, Victoria, 3168 Tel: 61 3 9501 2800 Web: taylors.com.au</p>	<p>WYNDHAM CITY COUNCIL EMERALD PARK, STAGE 8</p>	<p>SCALE 1:500 @ A1</p>
<p>0 09/05/2018 ISSUED FOR CONSTRUCTION</p>	<p>KMJ</p>	<p>TGSI (TACTILE GROUND SURFACE INDICATORS)</p>		<p>DESIGNED: AKA AUTHORISED: JOY DRAFTED: KAW</p>	<p>SCALE 1:100 AT A1 SIZE SCALE 1:200 AT A3 SIZE</p>
<p>VER DATE REVISION</p>	<p>APPD.</p>	<p>LEGEND</p>	<p>Coords: MGA Levels: AHD CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-116</p>	<p>SIGNS & LINEMARKING PLAN</p>	<p>SHEET 17 OF 22</p>
					<p>DRAWING No. 12332-08-E-116</p>

**Planning and Environment Act 1987
Wyndham Planning Scheme**

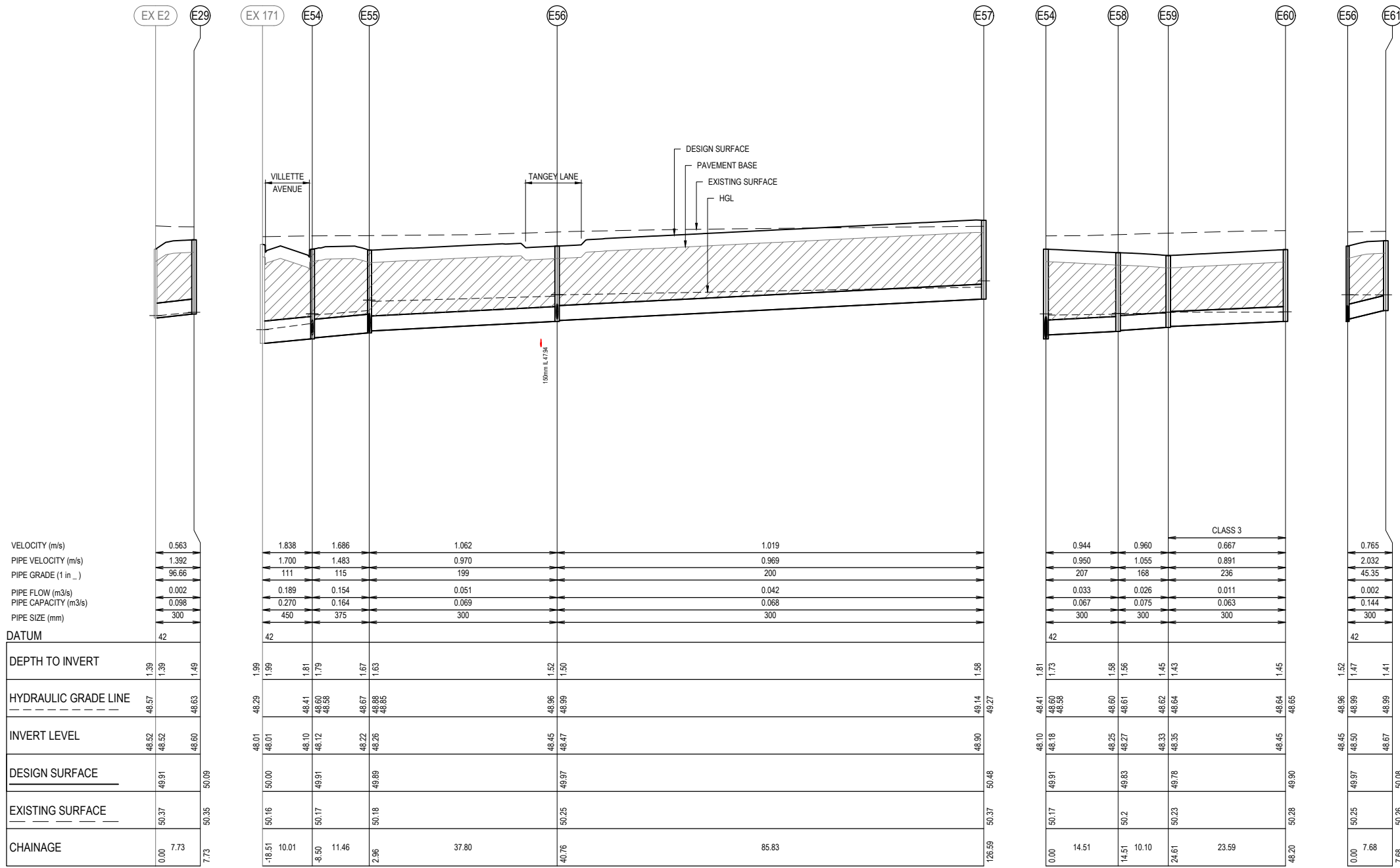
**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**

NOTES

- PIPE CLASS TO BE CLASS 2 UNLESS NOTED OTHERWISE.
- STRUCTURAL FILL USED ONLY WHEN EXISTING SURFACE IS BELOW FOOTPATH.

LEGEND

 DENOTES 20mm CLASS 2 FCR BACKFILL

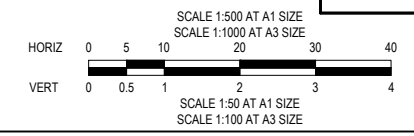


VELOCITY (m/s)	0.563
PIPE VELOCITY (m/s)	1.392
PIPE GRADE (1 in .)	96.66
PIPE FLOW (m3/s)	0.002
PIPE CAPACITY (m3/s)	0.098
PIPE SIZE (mm)	300
DATUM	42
DEPTH TO INVERT	1.39
HYDRAULIC GRADE LINE	48.57
INVERT LEVEL	48.52
DESIGN SURFACE	49.91
EXISTING SURFACE	50.37
CHAINAGE	0.00



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

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


DESIGNED: AKA AUTHORIZED: JOY DRAFTED: KAW
CHECKED: KMJ AUTH. DATE: 20/12/2017 CAD REF: 12332-08-E-117-119

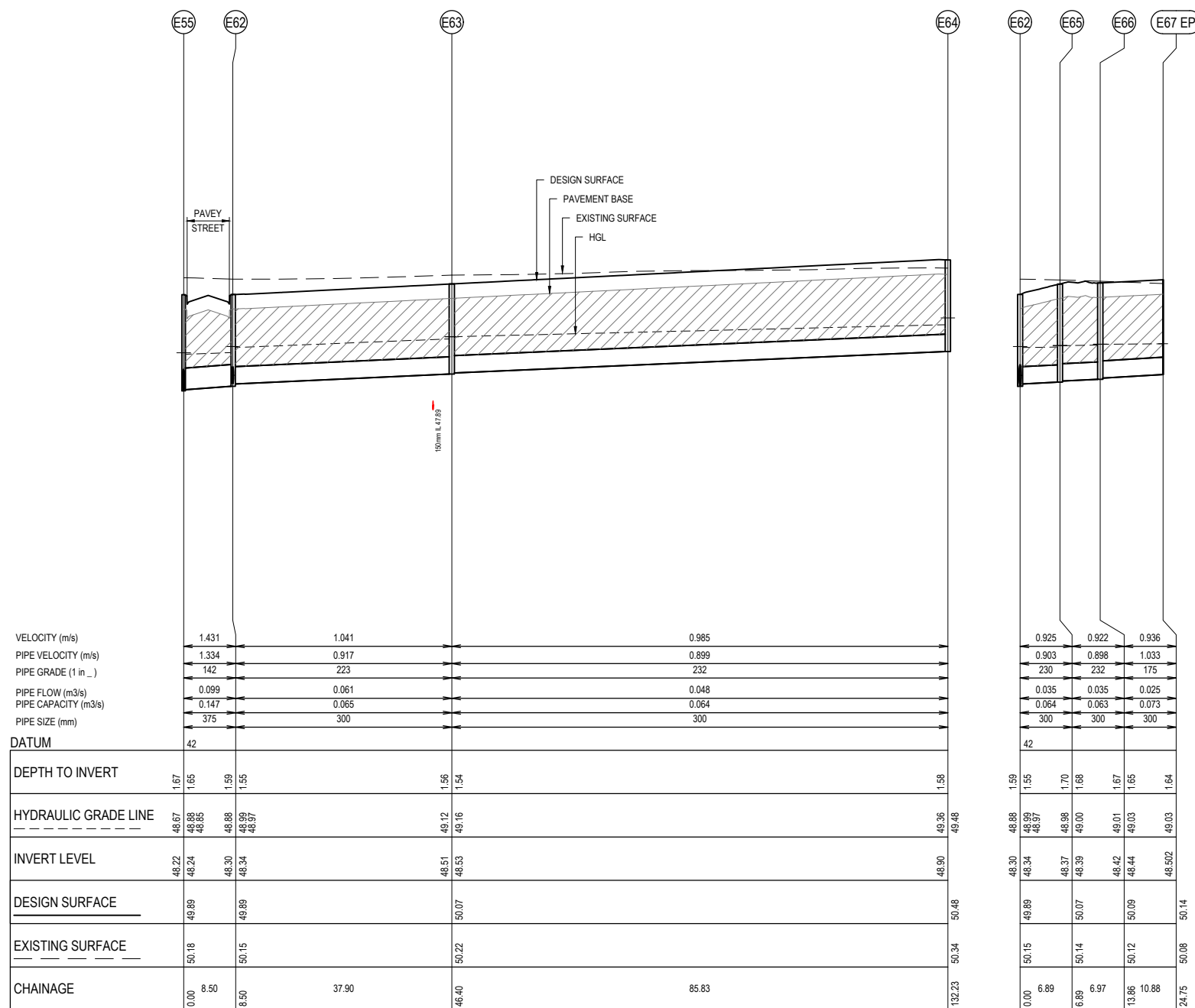
WYNDHAM CITY COUNCIL	SCALE 1:500 H, 1:50 V @ A1
EMERALD PARK, STAGE 8	VERSION 0
DRAINAGE LONGITUDINAL SECTIONS	SHEET 18 OF 22
SHEET 1 OF 2	DRAWING No. 12332-08-E-117

NOTES

- PIPE CLASS TO BE CLASS 2 UNLESS NOTED OTHERWISE.
- STRUCTURAL FILL USED ONLY WHEN EXISTING SURFACE IS BELOW FOOTPATH.

LEGEND

 DENOTES 20mm CLASS 2 FCR BACKFILL



Planning and Environment Act 1987
Wyndham Planning Scheme

Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018



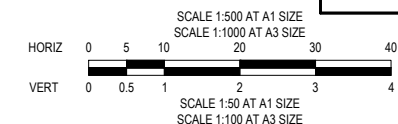
WARNING

BEWARE 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.


WARNING

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.



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

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: KAW
CHECKED: KMJ	AUTH. DATE: 20/12/2017	CAD REF: 12332-08-E-117-119

Coords: MGA Levels: AHD

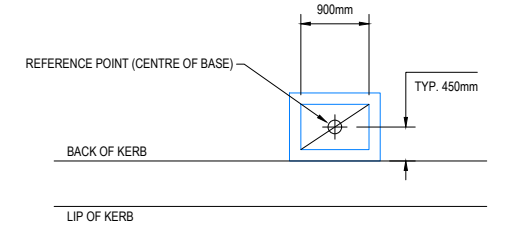
WYNDHAM CITY COUNCIL	SCALE 1:500 H, 1:50 V @ A1
EMERALD PARK, STAGE 8	VERSION 0
DRAINAGE LONGITUDINAL SECTIONS	SHEET 19 OF 22
SHEET 2 OF 2	DRAWING No. 12332-08-E-118

PIT SCHEDULE													
Name	TYPE	Pit			INTERNAL		INLET		OUTLET		PIT		REMARKS
		EASTING	NORTHING	PIT COVER CLASS	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
E29	GP	295730.064	5811058.485	D	600	900			300	48.60	50.09	1.49	CONSTRUCT PIT PER EDM 605 WITH A GRATED LID
EX E2	GSEP	295730.937	5811066.168	D	900	900		300	48.52	EX 525	47.63	1.39	CONNECT TO EXISTING PIPE STUB
E57	JP	295638.037	5811008.786	B	600	900		EX 525	47.65				
E56	GSEP	295723.318	5810999.099	D	600	900		300	48.47	300	48.45	1.52	CONSTRUCT PIT PER EDM 601
E55	GSEP	295760.877	5810994.832	B	600	900		300	48.26	375	48.22	1.67	CONSTRUCT PIT PER EDM 601
E54	JP	295766.636	5811004.741	B	600	900		375	48.24				
EX 171	JP-H	295776.500	5811003.022	B	1200	1200		450	48.12	450	48.10	1.81	CONSTRUCT PIT PER EDM 605
E60	JP	295766.741	5811052.786	B	600	900			48.01	EX 900	46.96	1.99	CONNECT TO EXISTING PIPE STUB. REMOVE TEMPORARY LID AND MATCH TO FINISHED SURFACE
E59	GSEP	295768.483	5811029.261	B	600	900		300	48.35	300	48.33	1.45	CONSTRUCT PIT PER EDM 601
E58	JP	295768.268	5811019.162	B	600	900		300	48.27	300	48.25	1.58	CONSTRUCT PIT PER EDM 605
E54	JP	295766.636	5811004.741	B	600	900		300	48.18		49.91	1.81	CONSTRUCT PIT PER EDM 605
E61	GP	295724.185	5811006.727	D	600	900				300	48.67	1.41	CONSTRUCT PIT PER EDM 605 WITH A GRATED LID
E64	JP	295637.078	5811000.340	B	600	900				300	48.90	1.59	CONSTRUCT PIT PER EDM 605
E63	GSEP	295722.359	5810990.653	B	600	900		300	48.53	300	48.51	1.56	CONSTRUCT PIT PER EDM 601
E62	GSEP	295760.016	5810986.375	B	600	900		300	48.34	375	48.30	1.59	CONSTRUCT PIT PER EDM 601
E67 EP	EP	295762.434	5810963.356	B				FUT 300	48.502	300	48.502	1.64	CAP END PIPE FOR FUTURE CONNECTION
E66	GSEP	295763.662	5810974.169	B	600	900		300	48.44	300	48.42	1.67	CONSTRUCT PIT PER EDM 601
E65	JP	295764.448	5810981.094	B	600	900		300	48.39	300	48.37	1.70	CONSTRUCT PIT PER EDM 605

NOTE:
1. xy setout to pit centre
2. setout level to pit cover level

**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



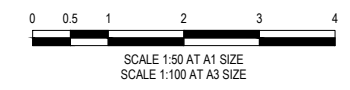
PIT SETOUT POINT
SCALE 1:50

LEGEND:
JP JUNCTION PIT
GSEP GRATED SIDE ENTRY PIT



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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



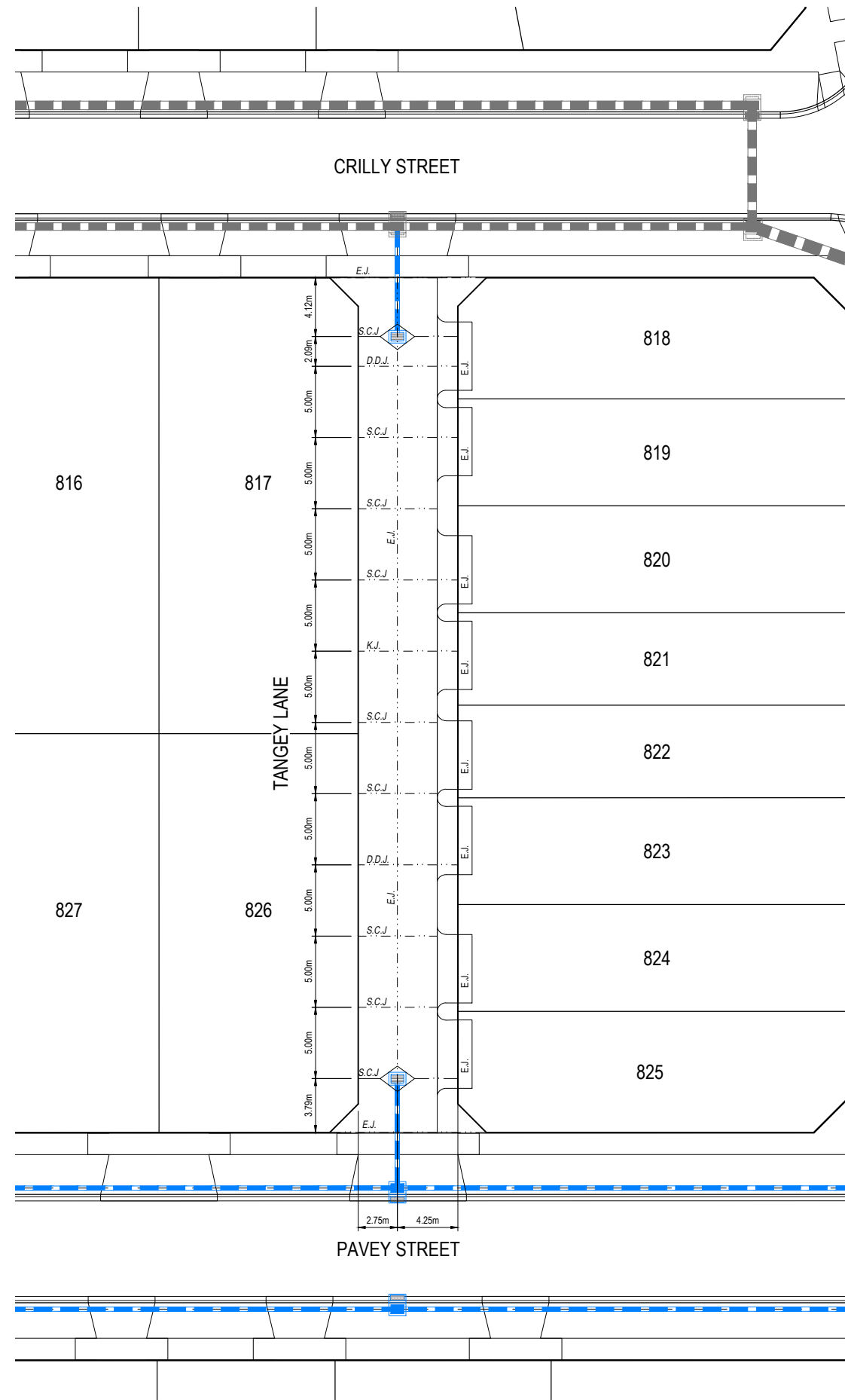
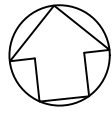
CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: KAW
CHECKED: KMJ	AUTH. DATE: 20/12/2017	CAD REF: 12332-08-E-117-119

Coords: MGA Levels: AHD

WYNDHAM CITY COUNCIL	SCALE 1:50 @ A1
EMERALD PARK, STAGE 8	VERSION 0
	SHEET 20 OF 22
PIT SCHEDULE	DRAWING No.
	12332-08-E-119



TANGEY LANE CONCRETE JOINT DETAILS
SCALE 1:200

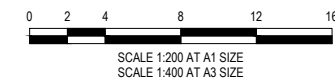
**Planning and Environment Act 1987
Wyndham Planning Scheme**

**Approved Plan As Required
under Condition 33
Permit No WYP6863/13
Date 23/05/2018**



WARNING
BEWARE 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.

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

SAW CUT JOINT	S.C.J.
KEYED CONSTRUCTION JOINT	K.J.
ISOLATION (EXPANSION) JOINT	E.J.
DIAMOND DOWELLED JOINT	D.D.J.
PROPOSED DRAIN AND PIT	

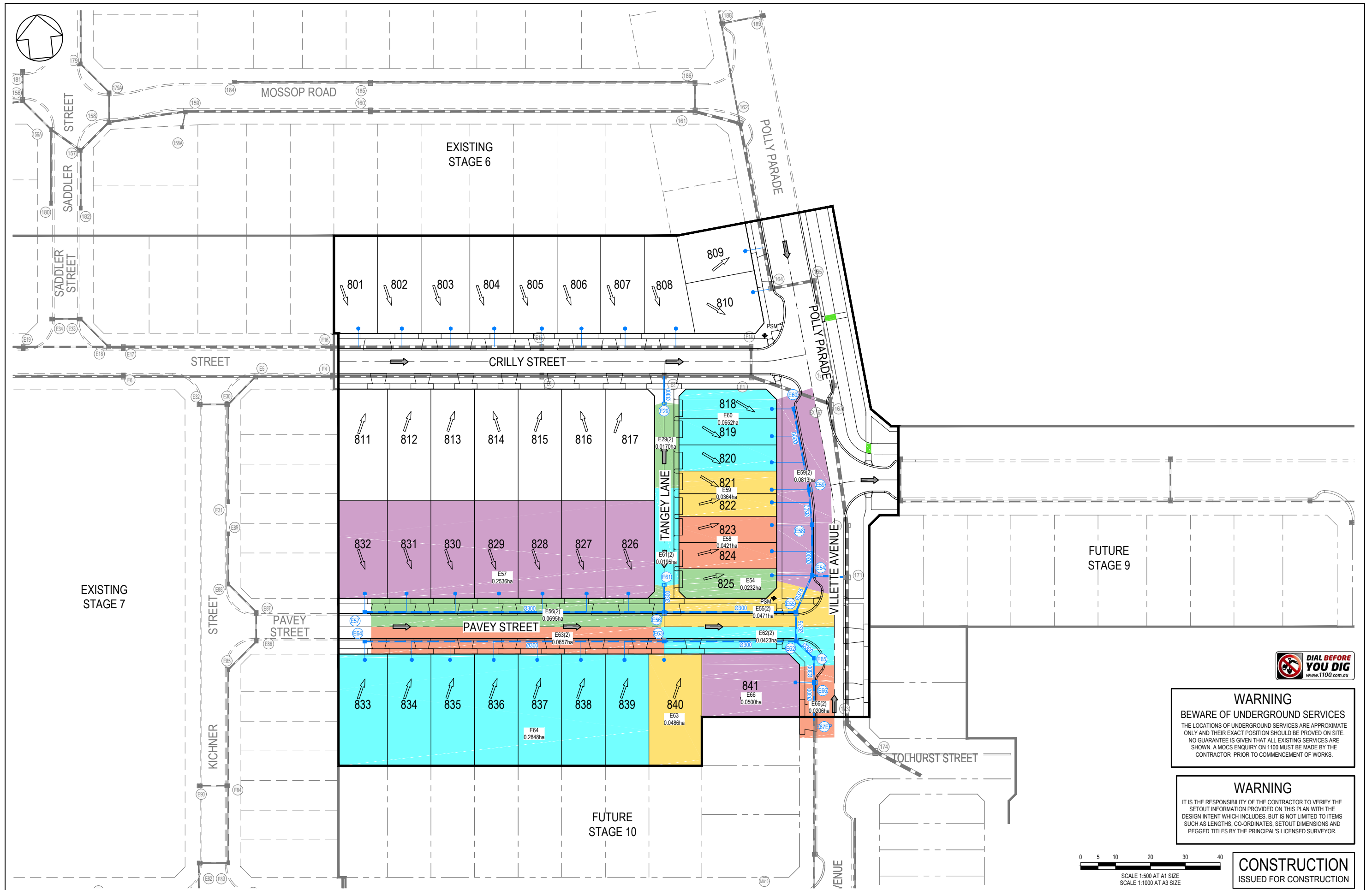
LEGEND

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

DESIGNED:	AKA	AUTHORISED:	JOY	DRAFTED:	KAW
CHECKED:	KMJ	AUTH. DATE:	12/04/2018	CAD REF:	12332-08-E-120

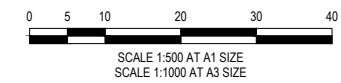
WYNDHAM CITY COUNCIL	SCALE	1:200 @ A1
EMERALD PARK, STAGE 8	VERSION	0
PAVEMENT JOINT LAYOUT	SHEET	21 OF 22
	DRAWING No.	

12332-08-E-120




WARNING
 BEWARE 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.

WARNING
 IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE 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.



CONSTRUCTION
 ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	09/05/2018	ISSUED FOR CONSTRUCTION	KMJ



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

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: KAW
CHECKED: KMJ	AUTH. DATE: 20/12/2017	CAD REF: 12332-08-E-800

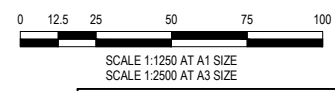
Coords: MGA Levels: AHD

WYNDHAM CITY COUNCIL	SCALE 1:500 @ A1
EMERALD PARK, STAGE 8	VERSION 0
Q5 CATCHMENT PLAN	SHEET 22 OF 22
	DRAWING No.
	12332-08-E-800



OUTFALL NODE	CA ₅	CA ₁₀₀	I ₅ (mm/hr)	I ₁₀₀ (mm/hr)	Q5 (m³/s)	Q100 (m³/s)	GAP FLOW (m³/s)
1	11.853	14.972	43.663	67.647	1.438	2.813	1.376
2	4.334	5.474	45.894	73.077	0.553	1.111	0.559
3	3.729	4.711	48.609	81.336	0.504	1.064	0.561
4	3.424	4.325	49.731	83.136	0.473	0.999	0.526
5	2.550	3.220	53.458	93.550	0.379	0.837	0.458
6	1.206	1.523	64.578	121.415	0.216	0.514	0.297
7	3.940	4.976	52.618	67.647	0.576	0.935	0.359
8	3.464	4.375	55.717	73.028	0.536	0.887	0.351
9	2.711	3.425	60.417	81.528	0.455	0.776	0.321
10	1.746	2.206	66.563	93.241	0.323	0.571	0.248
11	1.319	1.666	69.730	99.520	0.256	0.461	0.205
12	0.779	0.984	75.023	110.334	0.162	0.302	0.139

- n NODES
 - SUB CATCHMENT BOUNDARY
 - ROAD ZONE CATEGORY 1
 - RESIDENTIAL LAND USE
 - PUBLIC OPEN SPACE LAND USE
- f = 0.6 C_u = 0.572 C₁₀₀ = 0.722
 f = 0.8 C_u = 0.713 C₁₀₀ = 0.901
 f = 0.25 C_u = 0.324 C₁₀₀ = 0.409



CONSTRUCTION
ISSUED FOR CONSTRUCTION

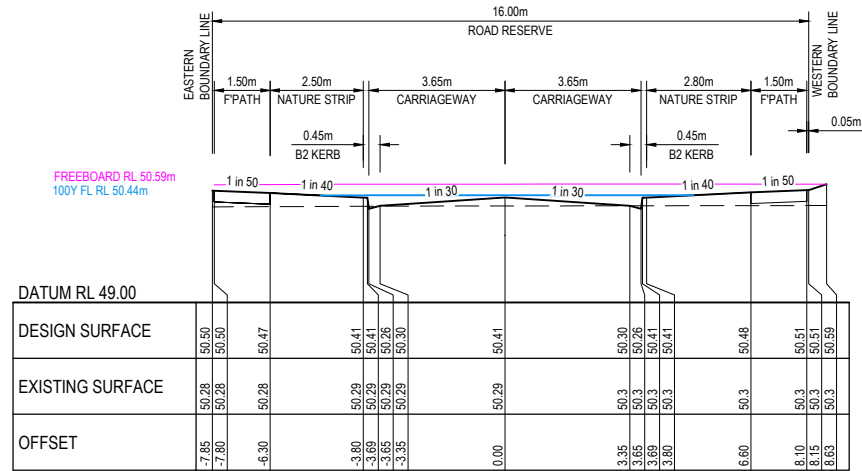
VER	DATE	REVISION	APPD.
0	02/05/2018	ISSUED FOR CONSTRUCTION	KMJ

Coords: NGA	Levels: AHD
-------------	-------------

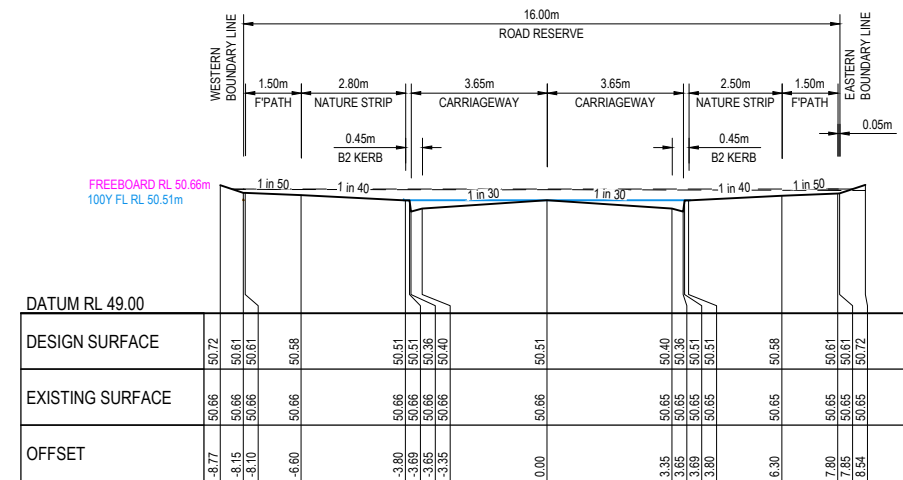
TAYLORS
Urban Development | Infrastructure
8 / 270 Ferntree Gully Road, Nottings Hill, Victoria, 3168
Tel: 61 3 9507 2800 | Web: taylors.com.au

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: AKA
CHECKED: NCG	AUTH. DATE: 21/12/2017	CAD REF: Q100 PLAN

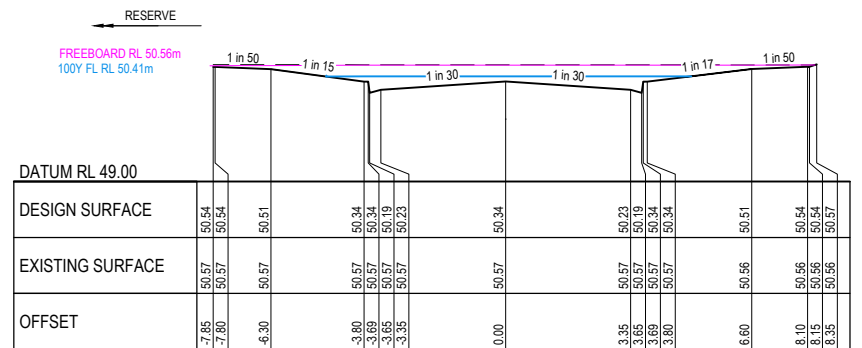
WYNDHAM CITY COUNCIL	SCALE AS SHOWN
EMERALD PARK ESTATE - TARNEIT	VERSION 0
Q100 FLOW CATCHMENT PLAN	SHEET 1 OF 4
	DRAWING No.
	Q100 PLAN



LOW POINT CH 144.35



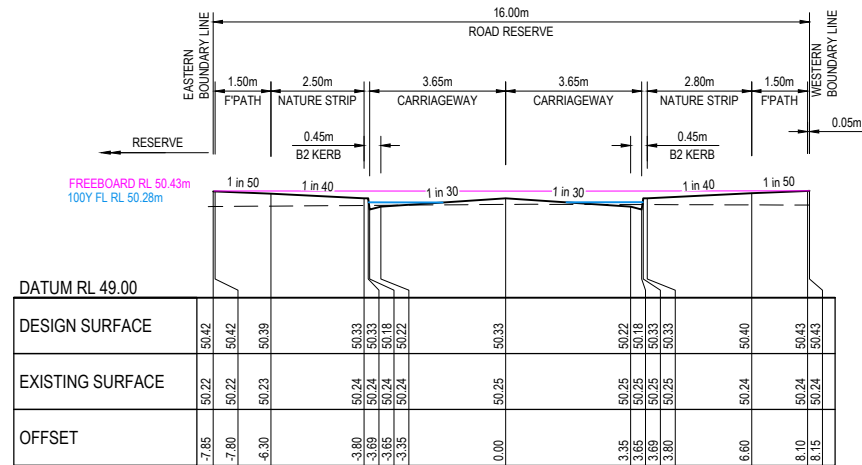
CH 36.15



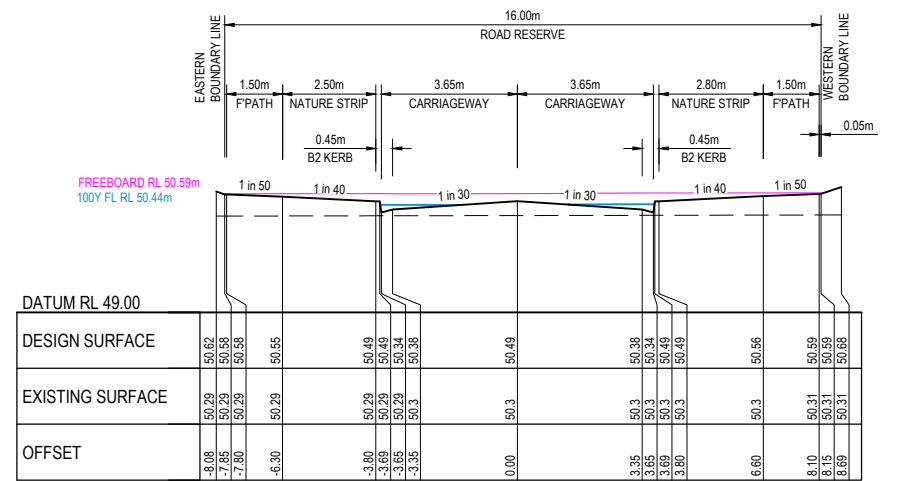
LOW POINT CH 11.65
COUSENS STREET



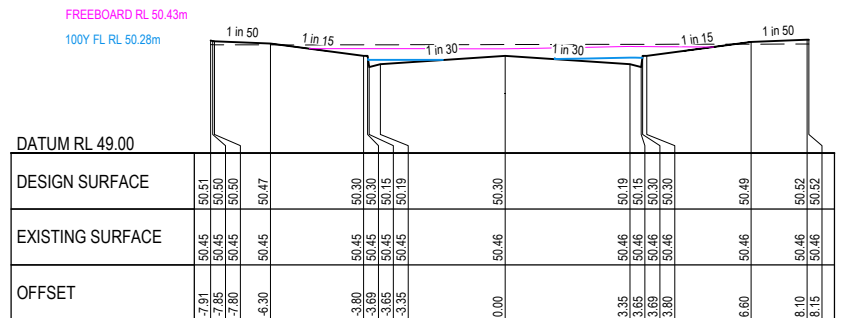
LOW POINT CH 11.65
SADDLER STREET



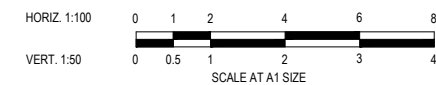
LOW POINT CH 144.35



LOW POINT CH 11.65
PARA STREET



LOW POINT CH 11.65
KICHERN STREET



CONSTRUCTION
ISSUED FOR CONSTRUCTION

0	02/05/2018	ISSUED FOR CONSTRUCTION	KMJ
VER	DATE	REVISION	APPD.

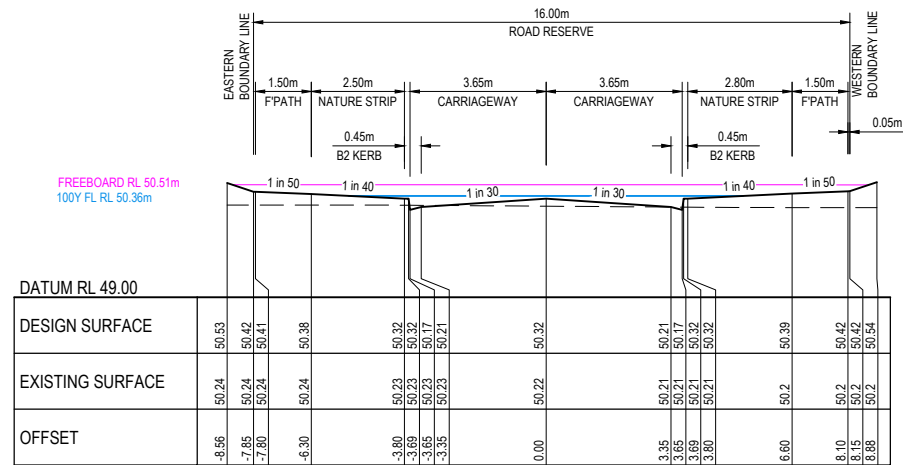
Coords: MGA	Levels: AHD	CHECKED: NCG	AUTH. DATE: 21/12/2017	CAD REF: Q100 XS
-------------	-------------	--------------	------------------------	------------------

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

DESIGNED: AKA	AUTHORISED: JOY	DRAFTED: AKA
CHECKED: NCG	AUTH. DATE: 21/12/2017	CAD REF: Q100 XS

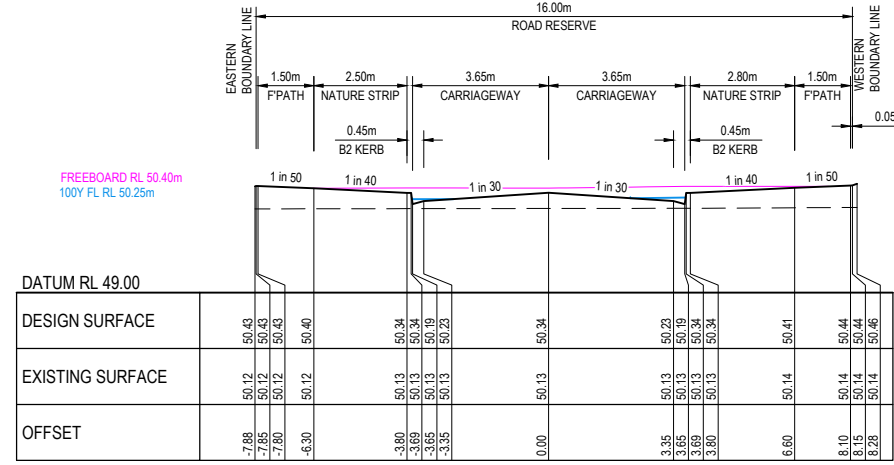
WYNDHAM CITY COUNCIL
EMERALD PARK ESTATE - TARNEIT
STAGE 7 & 8
Q100 CRITICAL XS
SHEET 1 OF 3

SCALE	AS SHOWN
VERSION	0
SHEET	2 OF 4
DRAWING No.	Q100 XS



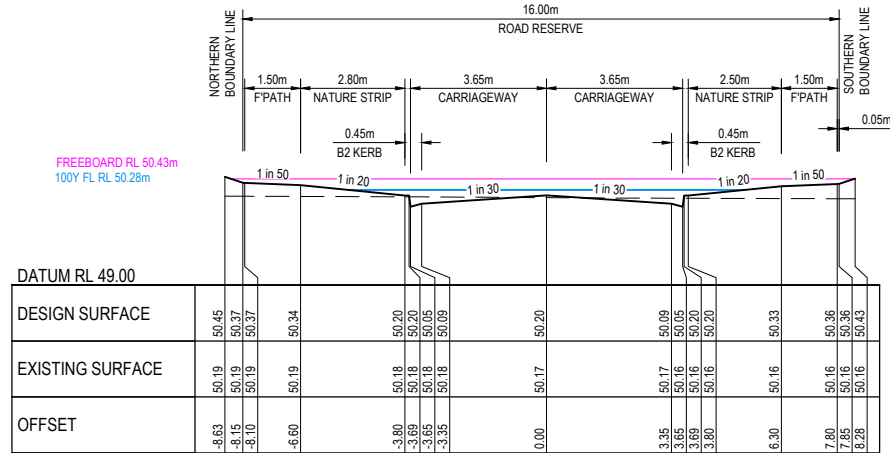
LOW POINT CH 11.65

ZAC STREET

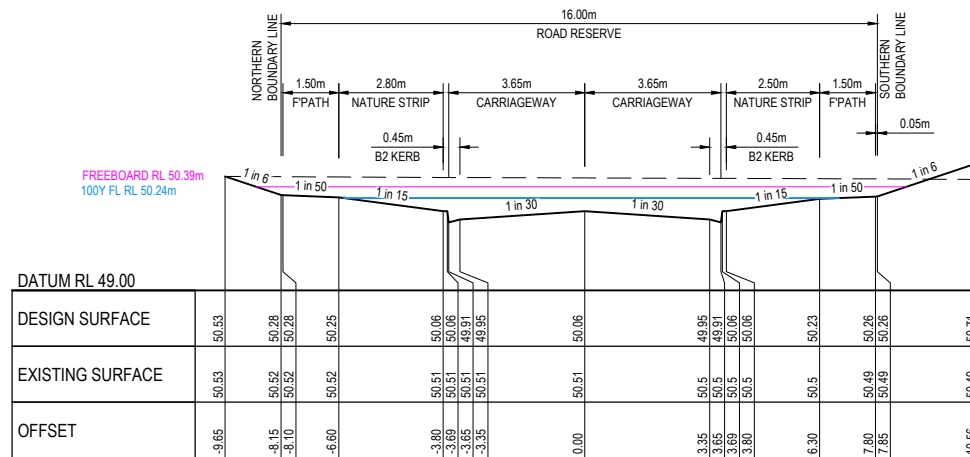


LOW POINT CH 11.65

MELISSA STREET

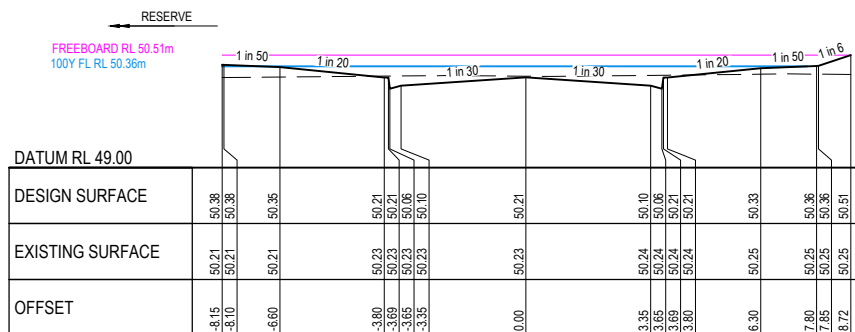


LOW POINT CH 288.36

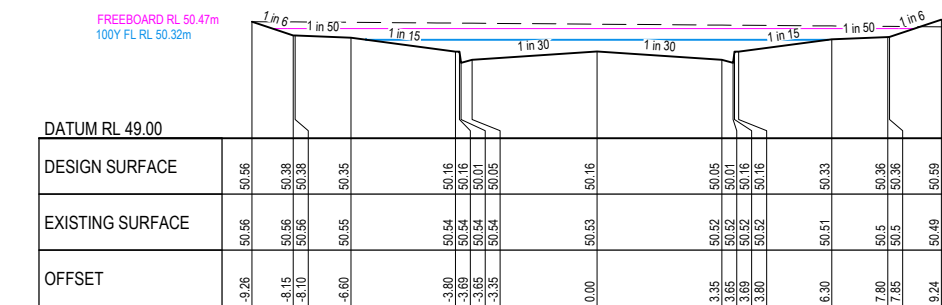


LOW POINT CH 228.28

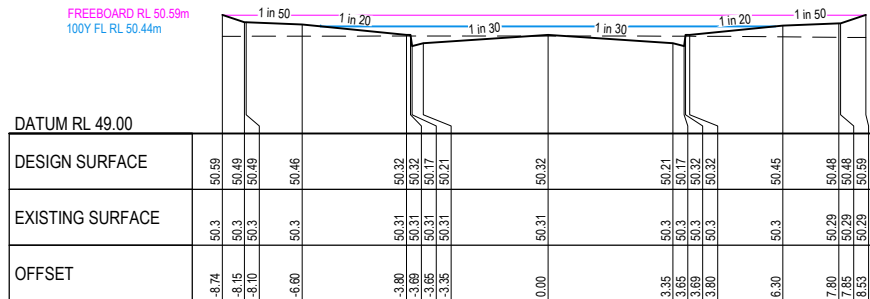
CRILLY STREET



LOW POINT CH 237.66

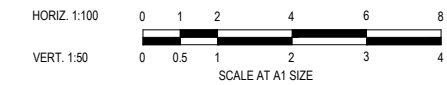


LOW POINT CH 168.28



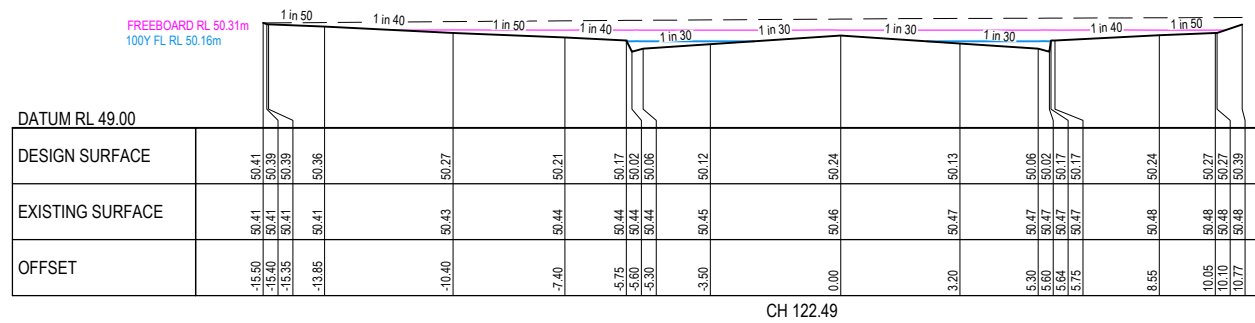
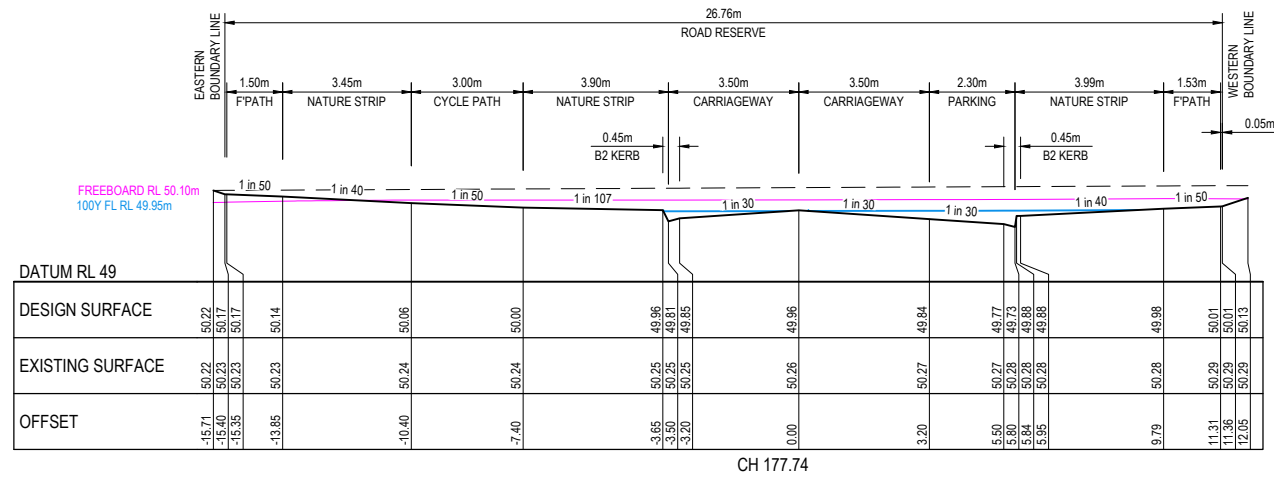
LOW POINT CH 174.54

FLANAGAN STREET

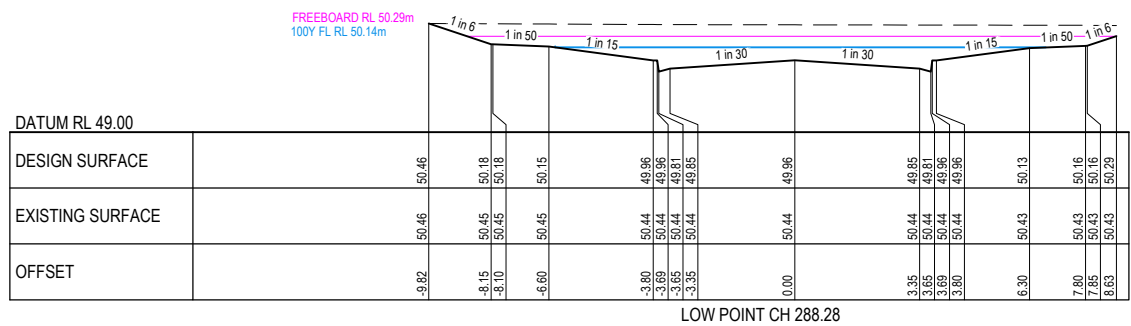
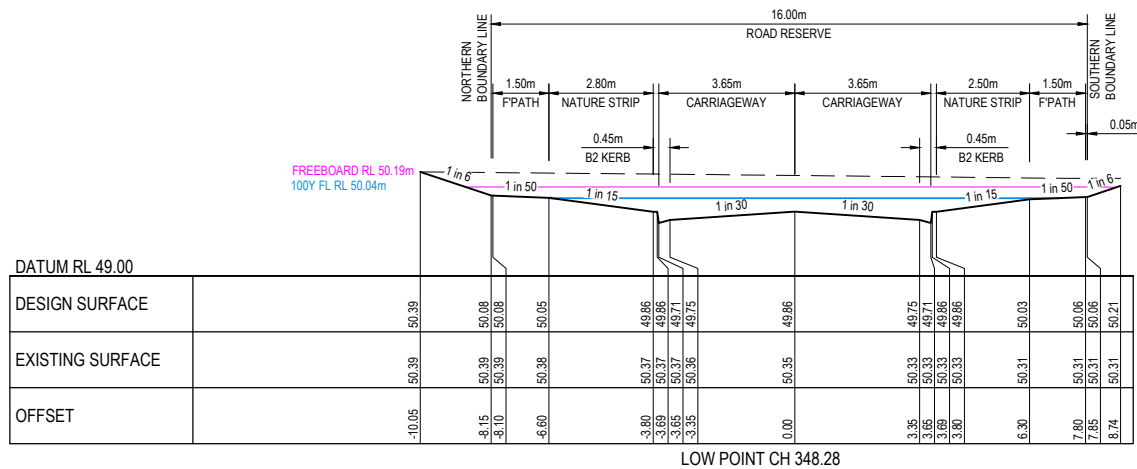


CONSTRUCTION
ISSUED FOR CONSTRUCTION

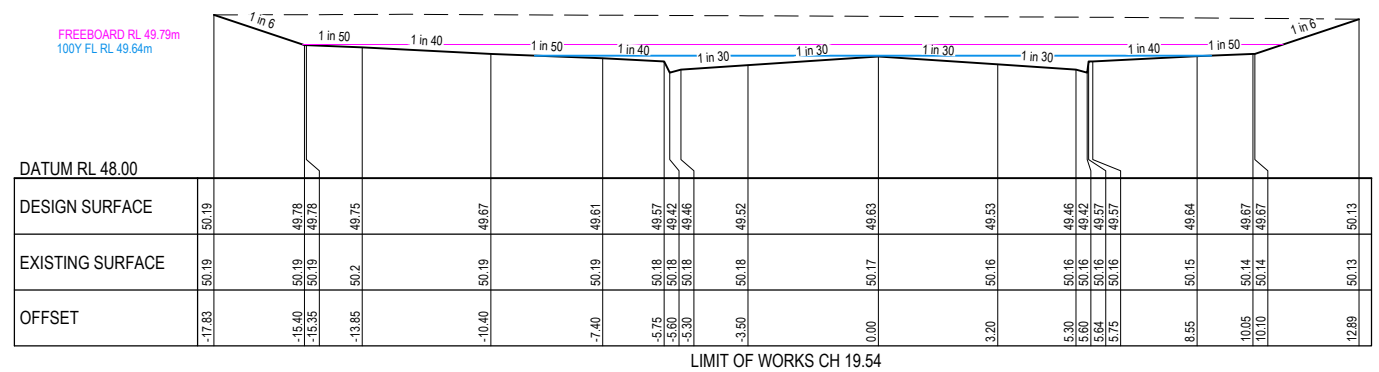
VER	0 02/05/2018 ISSUED FOR CONSTRUCTION KMJ			TAYLORS Urban Development Infrastructure 8 / 270 Fernree Gully Road, Notting Hill, Victoria, 3168 Tel: 61 3 9501 2800 Web: taylorsoads.com.au	DESIGNED: AKA CHECKED: NCG	AUTHORISED: JOY AUTH. DATE: 21/12/2017	DRAFTED: AKA CAD REF: Q100 XS	WYNDHAM CITY COUNCIL		SCALE AS SHOWN			
	EMERALD PARK ESTATE - TARNEIT							VERSION 0					
	STAGE 7 & 8							SHEET 3 OF 4					
Q100 CRITICAL XS								DRAWING No.					
SHEET 2 OF 3								Q100 XS					



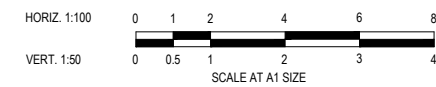
POLLY STREET N-S



CRILLY STREET



POLLY PARADE E-W



CONSTRUCTION
ISSUED FOR CONSTRUCTION

VER	DATE	REVISION	APPD.
0	02/05/2018	ISSUED FOR CONSTRUCTION	KMJ

COORDS	LEVELS	CHECKED	AUTH. DATE	CAD REF
MGA	AHD	NCG	21/12/2017	Q100 XS

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

DESIGNED: AKA
AUTHORISED: JOY
DRAFTED: AKA
CHECKED: NCG
AUTH. DATE: 21/12/2017
CAD REF: Q100 XS

SCALE	AS SHOWN
EMERALD PARK ESTATE - TARNEIT STAGE 7 & 8	VERSION B SHEET 4 OF 4
Q100 CRITICAL XS SHEET 3 OF 3	DRAWING No. Q100 XS

SCALE	AS SHOWN
EMERALD PARK ESTATE - TARNEIT STAGE 7 & 8	VERSION B SHEET 4 OF 4
Q100 CRITICAL XS SHEET 3 OF 3	DRAWING No. Q100 XS

120 MODEL - HYDRAULIC DESIGN SHEET
 Project: Emerald Park Stage 8
 Drainage Model: DRAINAGE
 Rainfall File: K:\23252\Design\120\Master Roads and Drainage\EP_Master_RD_project\WYNGHAM COUNCIL 120hydra
 Bandwidth Method: ASR 10/17
 Pipe Cover Limit: 1.1 m
 Mannings n Roughness: 0.013 mm
 Freeboard Limit: 0.3 m



Minor 5 Year Storm Event

Pipe ID	Pipe Type	Pipe Length (m)	Pipe Size (mm)	Full Pipe Area Af (sq.m)	Pipe Grade (%)	Pipe Grade2 (1 in)	Full Area Tot (mm)	Full Area 1 (mm/hr)	Full Area Sum CA (ha)	Full Area Dc (L/s)	Full Area Tot (mm)	Full Area 1 (mm/hr)	Full Area Sum CA (ha)	Full Area Q (L/s)	Pipe Flow Q (L/s)	Capacity Flow Occp (L/s)	SD Drop Ratio (-)	Full Pipe Vm (m/s)	Norm Depth Vm (m/s)	Ch Depth Vm (m/s)	Capacity Vm (m/s)	US FH Grade RL (m)	Pipe US IL (m)	Pipe DS IL (m)	DS FH Grade RL (m)	Cover Min (deg)	Pipe DS Band (deg)	Pipe DS Drop (m)	US FH Ku (-)	US FH Kw (-)	Pipe Vhead (m)	Head Loss (m)	WSE Loss (m)	Pipe Thread Loss (m)	US FH HGL (m)	Pipe US HGL (m)	Pipe DS HGL (m)	DS FH HGL (m)	HGL Grade (%)	HGL Grade3 (1 in)	Floward US (m)
E29 to E2	RCP CLASS 2	7.73	300	0.071	1.03	96.7	6	78.35	0.0297	2.1	6	78.35	0.0297	2.1	2.1	98.4	0.02	0.03	0.56	0.48	1.35	50.05	48.6	48.53	49.91	1.11	50	0.88	7	0	0	0	48.63	48.63	48.57	48.57	0.86	117.2	1.46		
E54 to E54	RCP CLASS 2	10.01	450	0.159	0.9	111.2	6.82	75.31	0.8838	184.8	6.2	77.33	0.8782	188.6	188.6	270.4	0.7	1.19	1.84	1.64	1.7	49.91	48.1	48.01	50	1.2	0	2.41	2.75	0.07	0.17	0.2	0.08	48.6	48.41	48.28	48.28	1.19	84.1	1.3	
E55 to E54	RCP CLASS 2	11.46	375	0.11	0.87	114.8	6.52	75.76	0.7181	151.1	6.1	77.82	0.7128	154.1	154.1	163.8	0.94	1.39	1.69	1.69	1.48	49.89	48.22	48.12	49.91	1.3	-69.7	0.02	1.88	2.14	0.1	0.19	0.21	0.09	48.88	48.67	48.58	48.6	0.77	129.6	1.01
E56 to E55	RCP CLASS 2	37.8	300	0.071	0.5	198.9	6.06	78.01	0.2318	59.2	5.72	79.88	0.2292	59.9	59.9	68.6	0.74	0.72	1.06	1.19	0.97	49.97	48.45	48.26	49.89	1.21	68.3	0.04	1.03	1.11	0.03	0.03	0.1	48.99	48.96	48.88	48.88	0.28	361.6	0.98	
E57 to E56	RCP CLASS 2	85.63	300	0.071	0.5	198.9	6	84.21	0.1828	42.3	5	84.21	0.1808	42.3	42.3	88.5	0.62	0.6	1.11	1.11	0.97	50.48	48.8	48.47	49.97	1.2	0	0.02	7	0	0.02	0.13	0.16	49.27	49.14	48.99	48.99	0.18	554.6	1.22	
E58 to E54	RCP CLASS 2	14.51	300	0.071	0.48	207.3	6.08	77.91	0.149	32.2	5.28	82.42	0.1427	32.7	32.7	67.2	0.49	0.46	0.94	1.02	0.95	49.83	48.25	48.18	49.91	1.29	86.6	0.08	1.28	1.39	0.01	0.01	0.02	0.02	48.61	48.6	48.58	48.6	0.11	876.3	1.22
E59 to E58	RCP CLASS 2	10.1	300	0.071	0.59	188.3	6	78.35	0.1189	25.9	5.2	82.95	0.1127	26	26	74.6	0.35	0.37	0.96	0.95	1.05	49.78	48.33	48.27	49.83	1.15	-5.2	0.02	2.9	3.02	0.01	0.02	0.02	0.01	48.64	48.62	48.61	48.61	0.07	1533.8	1.14
E60 to E59	RCP CLASS 2	23.59	300	0.071	0.42	235.9	5	84.21	0.0465	10.9	5	84.21	0.0465	10.9	10.9	63	0.17	0.15	0.67	0.74	0.89	49.9	48.45	48.35	49.78	1.13	-8.5	0.02	7	0	0	0	0	0	48.65	48.64	48.64	48.64	0.01	11914.8	1.25
E61 to E56	RCP CLASS 2	7.68	300	0.071	2.21	45.3	6	78.35	0.0112	2.4	2.4	143.7	0.02	0.02	0.02	143.7	0.02	0.02	0.77	0.15	2.03	50.08	48.67	48.5	49.97	1.1	90	0.05	7	0	0	0	0	48.99	48.99	48.99	0	15815.8	1.02		
E62 to E55	RCP CLASS 2	8.5	375	0.11	0.71	141.7	6.45	76.1	0.4584	97.1	6.03	78.18	0.458	99	99	147.4	0.87	0.9	1.43	1.39	1.33	49.89	48.3	48.24	49.89	1.05	-24.4	0.02	2.15	2.97	0.04	0.09	0.11	0.03	48.99	48.88	48.83	48.88	0.32	313.7	0.9
E63 to E62	RCP CLASS 2	37.9	300	0.071	0.45	222.9	6	78.35	0.2753	59.9	5.72	79.88	0.2735	60.7	60.7	64.8	0.94	0.86	1.04	1.27	1.05	50.07	48.51	48.34	49.89	1.24	90.7	0.04	1.03	0.04	0.04	0.15	49.16	49.12	48.97	48.99	0.39	254.1	0.91		
E64 to E63	RCP CLASS 2	86.83	300	0.071	0.45	232	5	84.21	0.2031	47.5	5	84.21	0.2031	47.5	47.5	63.5	0.75	0.67	0.99	1.16	1.05	50.48	48.9	48.53	50.07	1.24	0	0.02	5.98	0	0.02	0.12	0.21	49.48	49.36	49.16	49.16	0.24	414.8	1	
E65 to E62	RCP CLASS 2	6.99	300	0.071	0.44	229.8	6.39	76.37	0.1599	33.9	5.39	81.75	0.1551	35.2	35.2	63.8	0.15	0.5	0.62	1.05	0.9	50.07	48.37	48.34	49.89	1.27	-45.8	0.04	1.85	1.99	0.01	0.01	49	48.98	48.97	48.99	0.13	754.3	1.05		
E66 to E65	RCP CLASS 2	6.97	300	0.071	0.43	232.3	6.33	76.66	0.1599	34	5.33	82.1	0.1551	35.4	35.4	63.5	0.56	0.5	0.92	1.05	0.9	50.09	48.42	48.39	50.07	1.37	48.5	0.02	1.2	0	0.01	0.01	49.03	49.01	49	49	0.13	747.9	1.08		
E67 to E66	RCP CLASS 2	10.88	300	0.071	0.57	175.5	6.24	77.1	0.1124	24.1	5.24	82.66	0.109	25	25	73	0.34	0.35	0.94	0.94	1.03	50.14	48.5	48.44	50.09	1.34	0	0.02	0.2	0	0.01	0	0.01	49.04	49.03	49.03	49.03	0.07	1495.1	1.11	

