



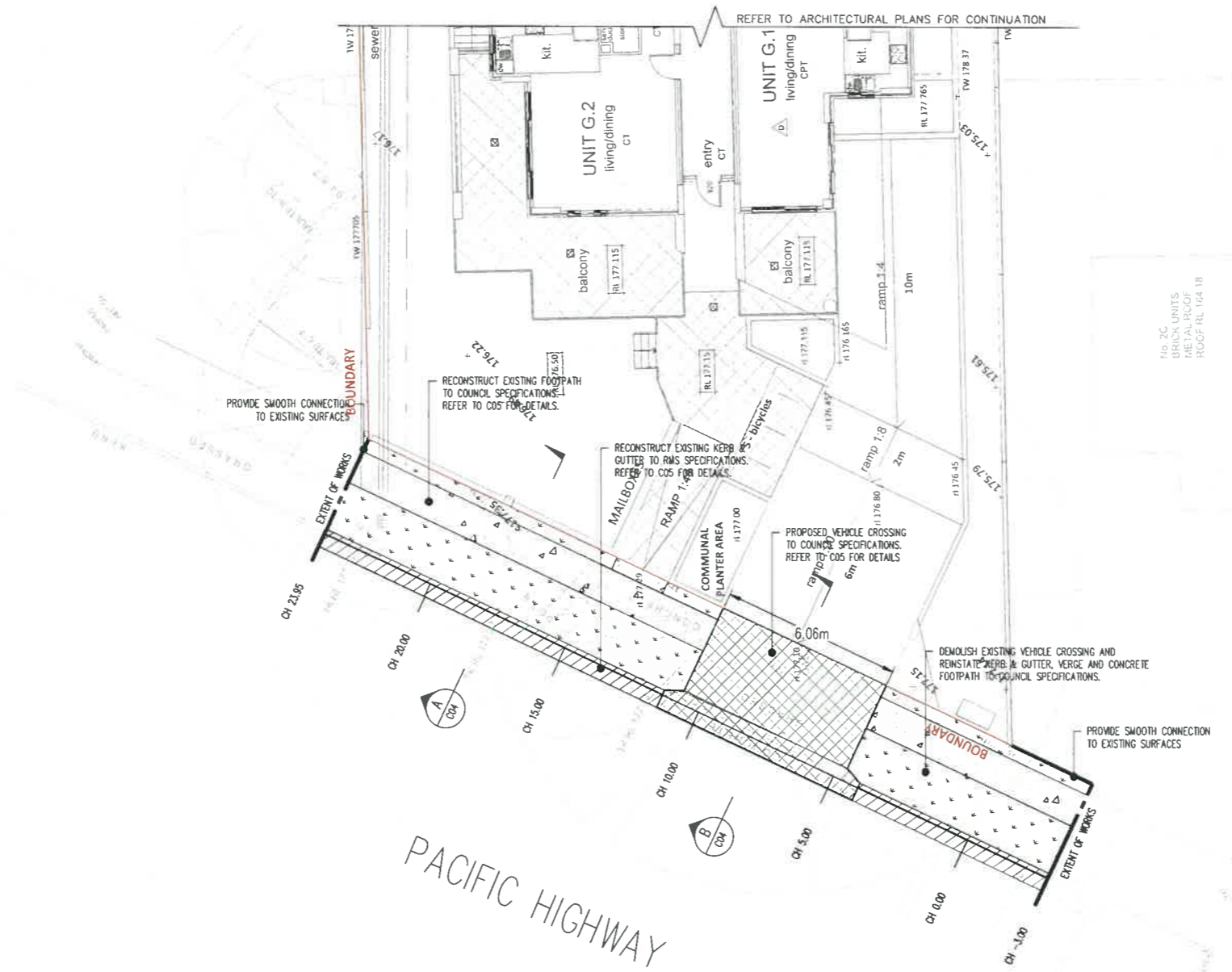
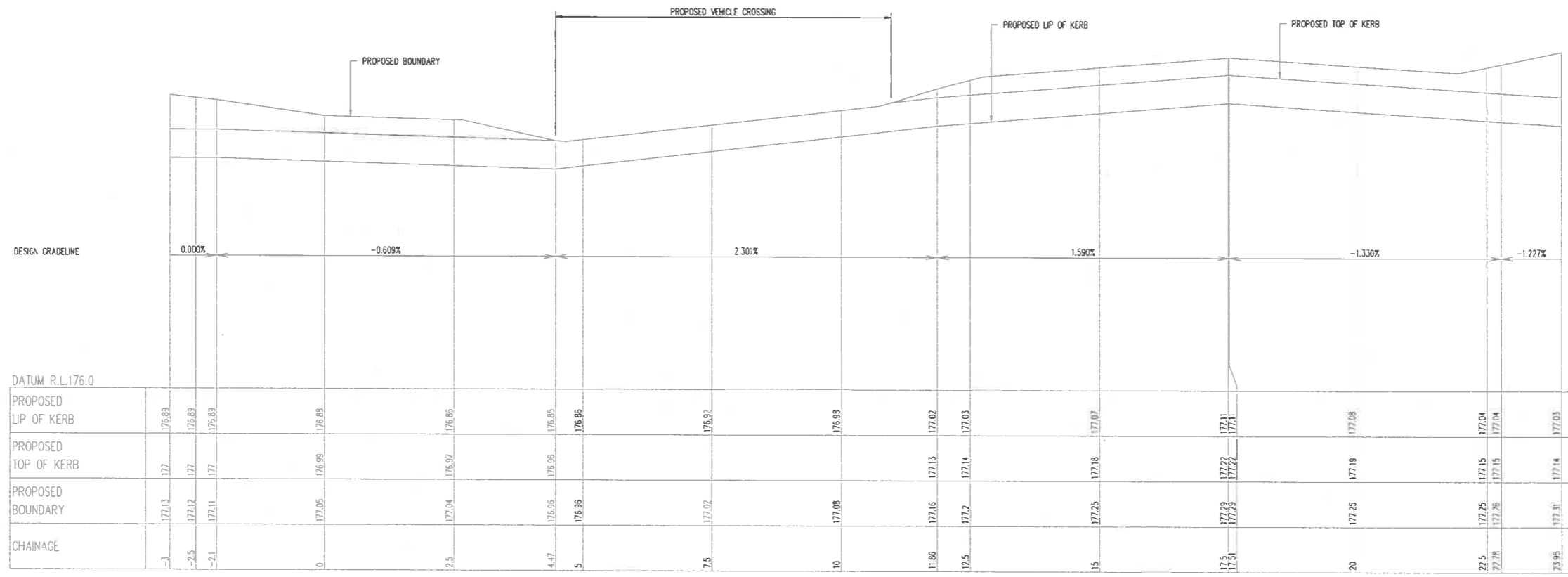


LEGEND

-  PROPOSED RMS KERB & GUTTER
-  PROPOSED CONCRETE FOOTPATH
-  PROPOSED VERGE
-  PROPOSED VEHICLE CROSSING





LONGITUDINAL SECTION - PACIFIC HIGHWAY (LIP OF KERB)
 Horizontal scale 1:50
 Vertical scale 1:10

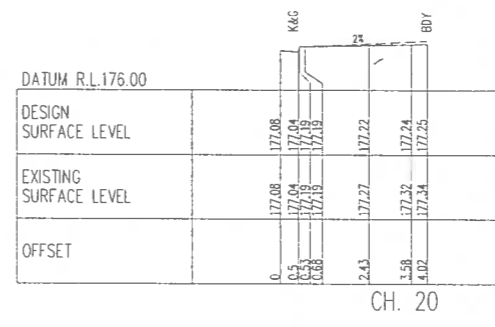
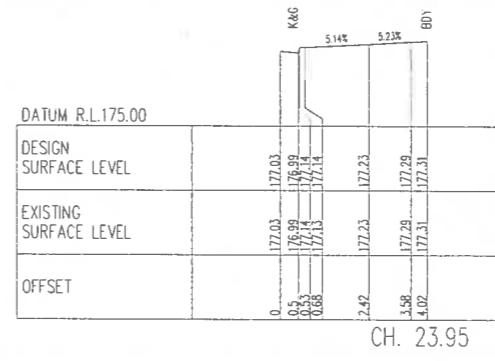
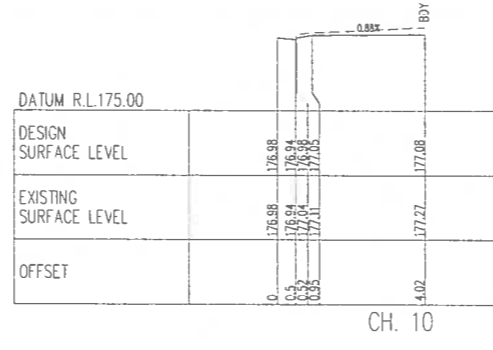
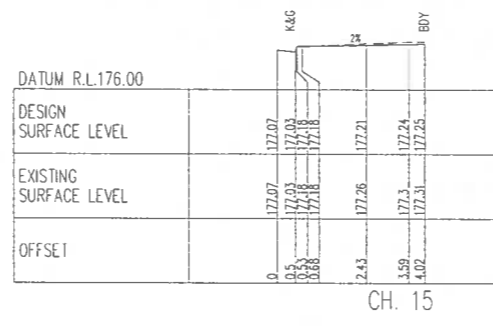
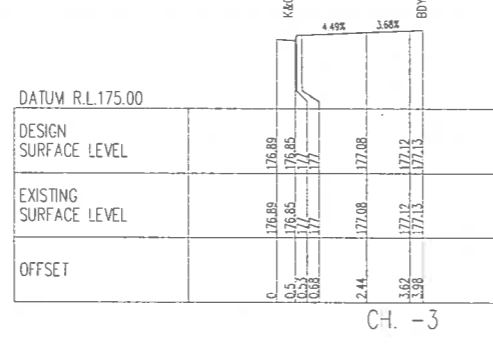
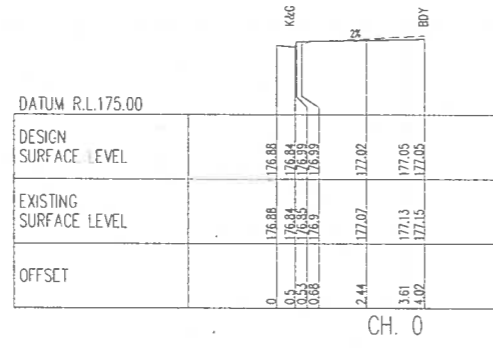
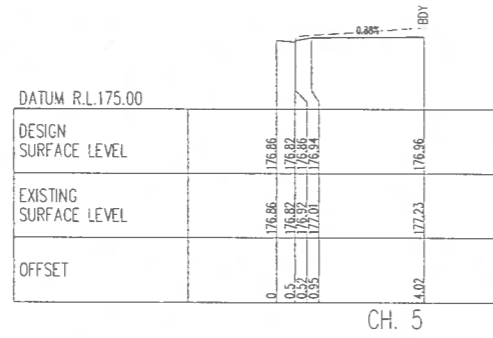
NSW GOVERNMENT Transport Roads & Maritime Services

These plans are accepted for construction

Anthony S. Hasham
 Project Manager
 Date: 18.4.17

NOTE
 REFER TO C06 FOR DRIVEWAY
 LONGITUDINAL SECTIONS

A1				ARCHITECT				AUSTRALIAN CONSULTING ENGINEERS				PROJECT				SHEET SUBJECT				PROJECT 1407 PACIFIC HIGHWAY, WARRAWEE			
A ISSUED FOR APPROVAL				O.C. J.L. 06.02.17				PH (02) 9763 1500 FX (02) 9763 1515				PROPOSED RESIDENTIAL DEVELOPMENT				PACIFIC HIGHWAY LONGITUDINAL SECTION				DATE FEB 2015 DRAWN J.E. DESIGNED O.C. CHECKED A.S.H.			
AMENDMENT				AMENDMENT				CONSULTING SHOP 2-4/1 COHCOPD RD NORTH STPATRICKFIELD NSW 2157				1407 PACIFIC HIGHWAY, WARRAWEE				SCALE AS SHOWN				JOB No 160721			
ENG DRAFT DATE				ENG DRAFT DATE				PH (02) 9763 1500 FX (02) 9763 1515				DWG No C02				REV A							



CROSS SECTIONS - PACIFIC HIGHWAY
Scale 1:100

NSW GOVERNMENT | Transport Roads & Maritime Services

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Anthony S. Hasham
Project Manager
Date: 18.4.17

A1 0 1 2 3 4 5 6 7 8 9 10

ISSUED FOR APPROVAL		O.C.	JL	13.02.17										
ISSUED FOR APPROVAL		O.C.	JL	06.02.17										
No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE

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PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT
1407 PACIFIC HIGHWAY,
WARRAWEE

SHEET SUBJECT
PACIFIC HIGHWAY
CROSS SECTIONS

PROJECT 1407 PACIFIC HIGHWAY, WARRAWEE			
DATE	DRAWN	DESIGNED	CHECKED
FEB 2015	J.E.	O.C.	A.S.H.
SCALE @ A1	JOB No		
AS SHOWN	160721		
AUTHORISED	DWG No	REV	
Dr Anthony S. Hasham	C03	B	

TYPE	TYPICAL USE	VOLUME m ³ /m	PROFILE AND DIMENSIONS
SA	Barrier kerb and gutter adjacent to footpaths	0.154	
SB	Dished crossing	Variable Min 0.170	NOT APPLICABLE
SE	Raised medians & traffic islands	0.038	NOT APPLICABLE
SF	Raised medians & traffic islands	0.043	NOT APPLICABLE
SK	Gutter adjacent to shoulders in cuttings	Variable Min 0.270	NOT APPLICABLE
SL	Barrier kerb at traffic islands	0.102	NOT APPLICABLE

SM	Barrier kerb at traffic islands	0.042	NOT APPLICABLE
SO	Dishes crossing increased waterways	Variable Min 0.200	NOT APPLICABLE
RT	Urban street verge/footway parking	0.138	NOT APPLICABLE
F	Median barrier For other Median Barriers refer to Section 8 of the Road Design Guide	0.294	NOT APPLICABLE

NOTE:
 - All exposed edges, except type F, to be rounded to 20mm radius.
 - Type F to be rounded to 25mm radius.
 * Dotted line shows recess for sub-base layer where required.

AMENDMENT DETAILS DATE

Roads and Traffic Authority NSW

STANDARD KERB AND GUTTER SHAPES

SCALE N.T.S. NO. OF SHEETS 1 SHEET NO. 1

DRAWING NUMBER MD.R15.A01.A.1

NSW GOVERNMENT Transport Roads & Maritime Services

These plans are accepted for construction

Project Manager Date: 18.4.17

CONCRETE KERB AND GUTTER CROSSING AND LAYBACK

PLAN, ELEVATION, SECTION A-A, SECTION B-B, PAD GUTTER CROSSING, BRIDGE GUTTER CROSSING, DISI GUTTER CROSSING

NOTE:
 1. CONCRETE TO BE A MINIMUM THICKNESS OF 150mm LAYBACK AND SLAB TO BE REINFORCED WITH MINIMUM D500M SL 72 MESH.
 2. LAYBACK REINFORCEMENT MAY BE OMITTED WHEN KERB MACHINE IS USED.
 3. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.
 4. ALL FILLET CURVES TO BE RADIUS OF 25mm UNLESS OTHERWISE INDICATED.
 5. LEVELS AT THE ROAD PROPERTY BOUNDARY ALIGNMENT TO BE OBTAINED BEFORE CONSTRUCTION.
 6. THIS PLAN TO BE READ IN CONJUNCTION WITH K.C. SPECIFICATION FOR THE CONSTRUCTION OF GUTTER AND FOOTWAY CROSSINGS.
 7. CONCRETE STRENGTH CLASS TO BE M25 MPa AT 28 DAYS, UNLESS NOTED OTHERWISE.
 8. BRIDGE GUTTER CROSSINGS AND PAD GUTTER CROSSINGS ARE ONLY TO BE USED IN NON-STANDARD DRIVEWAYS, AT THE DIRECTION OF THE COUNCILS DRIVEWAY ENGINEER.

REVISIONS:

NO.	DATE	DESCRIPTION	INITIALS
A	Feb 04	Updated to R15 kerb types	JT
B	Aug 10	New title block	JT

APPROVED BY: *Greg Pearn*

NAME: Greg Pearn
 POSITION: Director Operations
 DATE: 7.9.10

PLAN NO: 2004-004 REVISION: B

CONCRETE STRIP FOOTPATHS

PLAN, SECTION A-A, SECTION B-B

NOTE:
 1. Concrete M25 in accordance with AS 1379 and AS 3602.
 2. All concrete to be formed finished.
 3. Construction/expansion joints, 2m MAX spacing.
 4. Finished surface tolerance to be accurate to ±10mm relative to kerb level and crossfall specified.
 5. Thickness to be increased to 130mm at residential vehicular crossings. Reinforce with D500M SL82 10M fabric, 50mm top and edge rows. Provide a construction or expansion joint at both ends of finished section.
 6. Concrete layback, including existing driveways are to be transformed over a minimum 5.0m length.
 7. Dowelled or keyed joints to be used as required by manufacturer. Refer to Specification.
 8. Reinforcing to be used as required by Superintendant Refer to Specification.
 9. Min 300mm space concrete to surface on EnergyAustralia pole.
 10. Do not disturb base pole for depth of least 250 below surface.
 11. Type 1 expansion joint where path abuts against gutters, pits and structures.
 12. All dimensions in millimetres.

REVISIONS:

NO.	DATE	DESCRIPTION	INITIALS
A	May 05	Pole clearance to EnergyAustralia Mar 06 req	JT
B	Aug 10	New title block	JT

APPROVED BY: *Greg Pearn*

NAME: Greg Pearn
 POSITION: Director Operations
 DATE: 7.9.10

PLAN NO: 2003-004 REVISION: B

A1 0 1 2 3 4 5 6 7 8 9 10

NO.	AMENDMENT	ENG	DRAFT	DATE	NO.	AMENDMENT	ENG	DRAFT	DATE
A	ISSUED FOR APPROVAL	O.C.	JL	06.02.17					

AUSTRALIAN CONSULTING ENGINEERS

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PROJECT: PROPOSED RESIDENTIAL DEVELOPMENT 1407 PACIFIC HIGHWAY, WARRAWEE

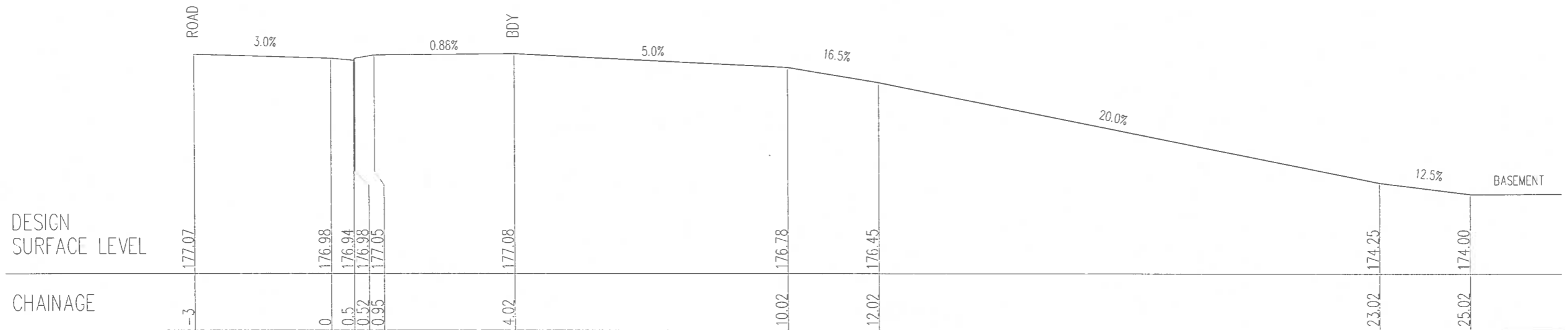
SHEET SUBJECT: CONSTRUCTION NOTES AND DETAILS

PROJECT: 1407 PACIFIC HIGHWAY, WARRAWEE


DATE: FEB 2015
 DRAWN: J.E.
 DESIGNED: O.C.
 CHECKED: A.S.H.

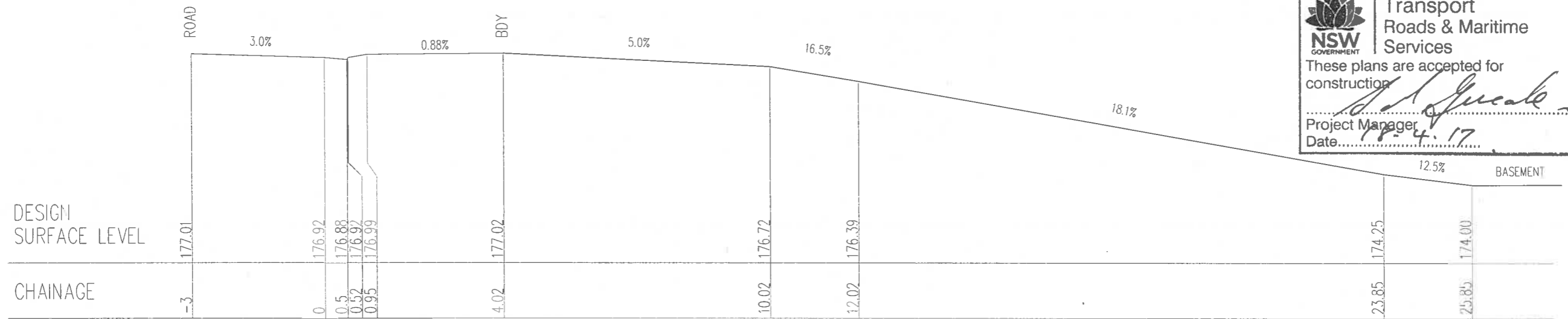
SCALE: @ A1
 N.T.S.
 JOB No: 160721

AUTHORISED: Dr Anthony S. Hosham
 DWG No: C05
 REV: A

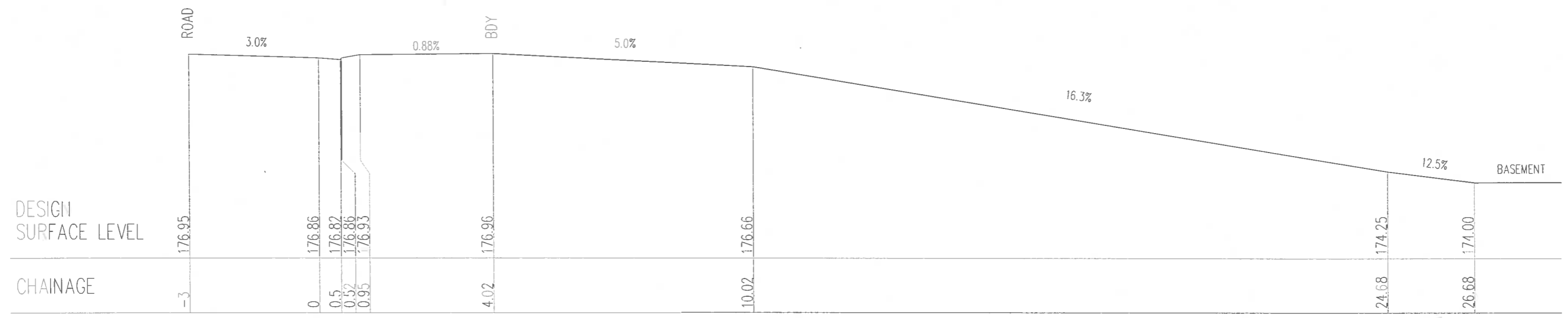


CH. 10.24


**Transport
Roads & Maritime
Services**
 These plans are accepted for
 construction
[Signature]
 Project Manager
 Date... 18.4.17



CH. 7.72



CH. 5.19



No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE	No	AMENDMENT	ENG	DRAFT	DATE
B	ISSUED FOR APPROVAL	O.C.	J.L.	27.02.17										
A	ISSUED FOR APPROVAL	O.C.	J.L.	06.02.17										

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PROJECT
 PROPOSED RESIDENTIAL DEVELOPMENT
 1407 PACIFIC HIGHWAY,
 WARRAWEE

SHEET SUBJECT
 DRIVEWAY LONGITUDINAL SECTIONS

PROJECT 1407 PACIFIC HIGHWAY, WARRAWEE			
DATE	DRAWN	DESIGNED	CHECKED
FEB 2015	J.E.	O.C.	A.S.H.
SCALE	JOB No	DWG No	REV
1:50	160721	C06	B
AUTHORISED	Dr Anthony S. Hosham		