

TOLLEMACHES RD DRAINAGE IMPROVEMENT
RELOCATION OF EXISTING DRAINAGE CROSSING TO PREVENT ROAD SCOUR
IDP ID NO. 16/17 RD-1600

NO WORK IS SO
IMPORTANT THAT
IT CANNOT BE
DONE SAFELY



DRAWING INDEX		
SH. NO.	DRAWING NO.	DRAWING TITLE
1	RD-1600-000	LOCALITY PLAN, DRAWING INDEX AND SCOPE OF WORKS
2	RD-1600-001	WORKS PLAN
3	RD-1600-002	TYPICAL SECTIONS
4	RD-1600-003	LONGITUDINAL SECTION
5	RD-1600-004	CONTROL LINE SETOUT
6	RD-1600-005	CROSS SECTIONS (1 of 4)
7	RD-1600-006	CROSS SECTIONS (2 of 4)
8	RD-1600-007	CROSS SECTIONS (3 of 4)
9	RD-1600-008	CROSS SECTIONS (4 of 4)

SCOPE OF WORKS

- REMOVE EXISTING 'WHOA BOY' AT CHAINAGE 5795 AND REINSTATE FULL DEPTH PAVEMENT IN THE REMOVED SECTION
- PROVIDE NEW 'WHOA BOY' AT CHAINAGE 5752.449 WITH 30m LONG CONCRETE INVERT AND ROCK PROTECTION TO BOTH SHOULDERS
- EXTEND TOP OF NEW 'WHOA BOY' AS BUND INTO NORTHERN ADJACENT LOT 67/PM48 TO TIE INTO EXISTING HIGH POINTS ON SITE AND DIRECT FLOWS TO 'WHOA BOY' CROSSING
- PROVIDE SHALLOW SWALE FROM PROPOSED 'WHOA BOY' TO CHANNEL IN SOUTHERN ADJACENT LOT 61/PM40

FOR CONSTRUCTION

20/06/2017

No.	Revision	Date
A	Original Issue	07-JUN-17
-	Draft	23-MAY-17

- General Notes:
1. THE SITE FOREMAN IS TO CONFIRM THE LOCATION OF ALL EXISTING SERVICES ON SITE, INCLUDING "DIAL BEFORE YOU DIG" PRIOR TO COMMENCING CONSTRUCTION
 2. ALL WORKS ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE CMDG STANDARDS, SPECIFICATIONS AND DRAWINGS.
 3. DIMENSIONS ARE IN METRES U.N.O.

Drawn	Checked
A HEIT	F NASTASI
MTS	DIS
21/6/17	RPEQ 7142



TOLLEMACHES RD DRAINAGE IMPROVEMENT
LOCALITY PLAN, DRAWING INDEX AND SCOPE OF WORKS

Scale	Dwg. No.	Sheet	Issue
NOT TO SCALE	RD-1600-000	1 OF 9	A

BUND FROM TOP OF 'WHOA BOY' 50m FROM CENTRELINE INTO ADJACENT PROPERTY

BENCH TO INVERT OF 'WHOA BOY' 50m FROM CENTRELINE

EXTEND ROCK PROTECTION TO FENCE LINE FROM CREST TO INVERT OF 'WHOA BOY'

REMOVE AND REINSTATE FENCE AS REQUIRED

INVERT OF PROPOSED 'WHOA BOY' CH. 5752.449

TELSTRA NETWORK 1/CABLE ONLY

TOLLEMACHES ROAD CONTROL LINE

CREST OF PROPOSED 'WHOA BOY' CH. 5724.500

TOLLEMACHES ROAD

EXTENT OF WORKS

EXTENT OF WORKS

GRADE TO EXISTING CHANNEL

TELSTRA FIBRE OPTIC 1/CABLE ONLY

ELECT O/H Line

FOR CONSTRUCTION

07/06/2017

LEGEND

Existing

Existing Shoulder Line
Existing Overhead Electricity (Line, Pole & Stay)
Existing Surface Drain
Telstra (Cable & Pit)
Existing Road Signs
Existing Fence (line & post)

Proposed

Proposed Shoulder Line
Proposed Surface Drain
Proposed Road Signs
Proposed 150mm Thk Concrete
Proposed 300mm Thk d=150mm Rock Protection



Existing Tree

1. TELSTRA LOCATIONS HAVE BEEN DETERMINED FROM DBYD INFORMATION AND SURVEY OF SURFACE FEATURES AND ARE REPRESENTATIVE ONLY POTHOLES/ SERVICE LOCATION MUST BE CONDUCTED BEFORE EXCAVATION COMMENCES
 2. NO WORK IS TO BE CARRIED OUT WITHIN 3.0M OF SERVICES WITHOUT CONSULTATION WITH THE ASSET OWNER
 3. DIMENSIONS ARE IN METRES U.N.O.
 4. CONTOURS ARE SHOWN AT 200mm INTERVALS
- General Notes:

R JONES
Drawn
A HEIT
MTS

L MILLAR
Checked
F NASTASI
DIS
RPEQ 7142



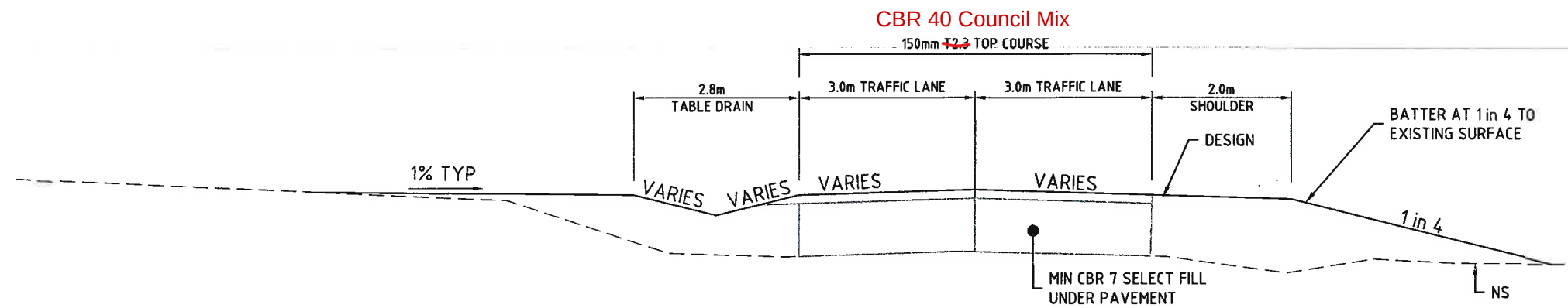
TOLLEMACHES RD DRAINAGE IMPROVEMENT WORKS PLAN

Scale 0 2.5 5 7.5 10 1:500
PLAN

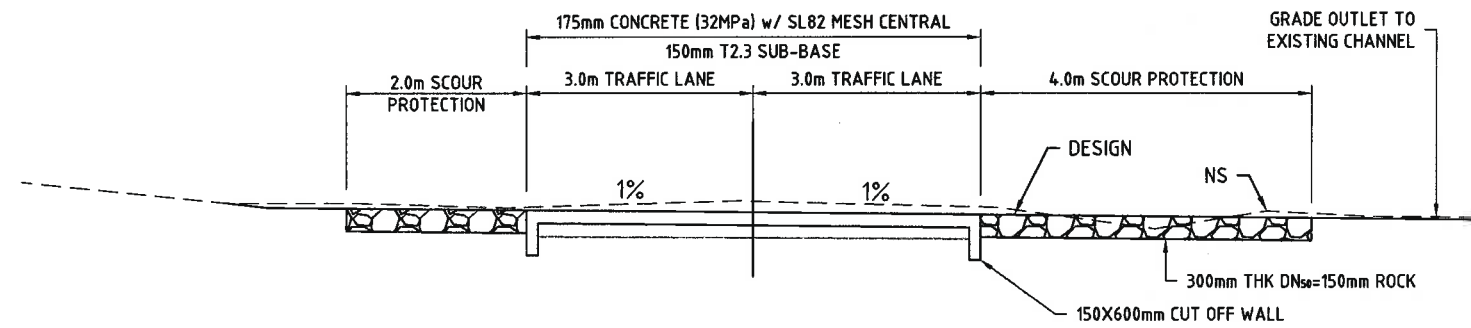
Dwg. No. RD-1600-001

Sheet 2 OF 9

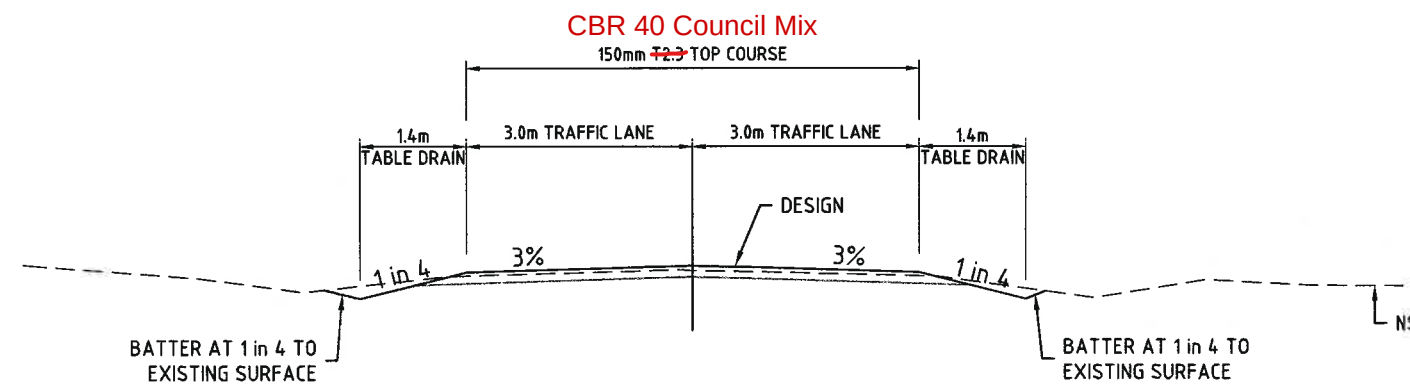
Issue A



TYPICAL 'WHOA BOY' SECTION
CH.5680-5740



TYPICAL CONCRETE INVERT SECTION
CH.5740-5770



TYPICAL SECTION
CH.5770-5820

FOR CONSTRUCTION

07/06/2017

1. DIMENSIONS ARE IN METRES U.N.O.

General Notes:

R JONES

Drawn

A HEIT

MTS

L MILLAR

Checked

F NASTASI

DIS

RPEQ 7142



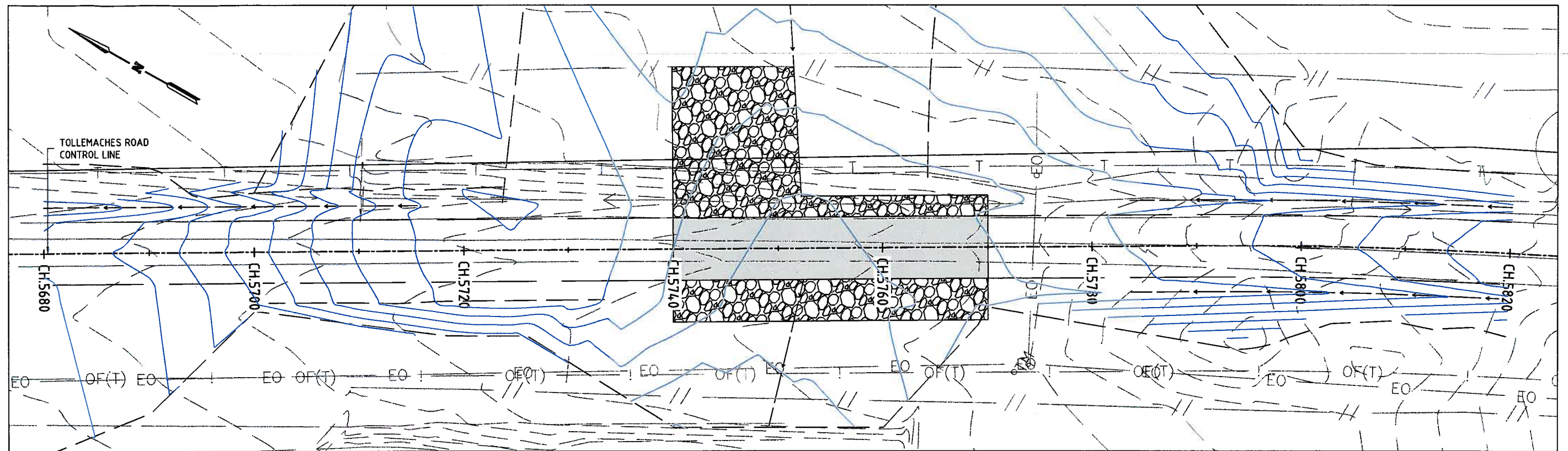
TOLLEMACHES RD DRAINAGE IMPROVEMENT
TYPICAL SECTIONS

Scale 0 0.5 1.0 1.5 2.0 1:100
SECTIONS

Dwg. No. RD-1600-002

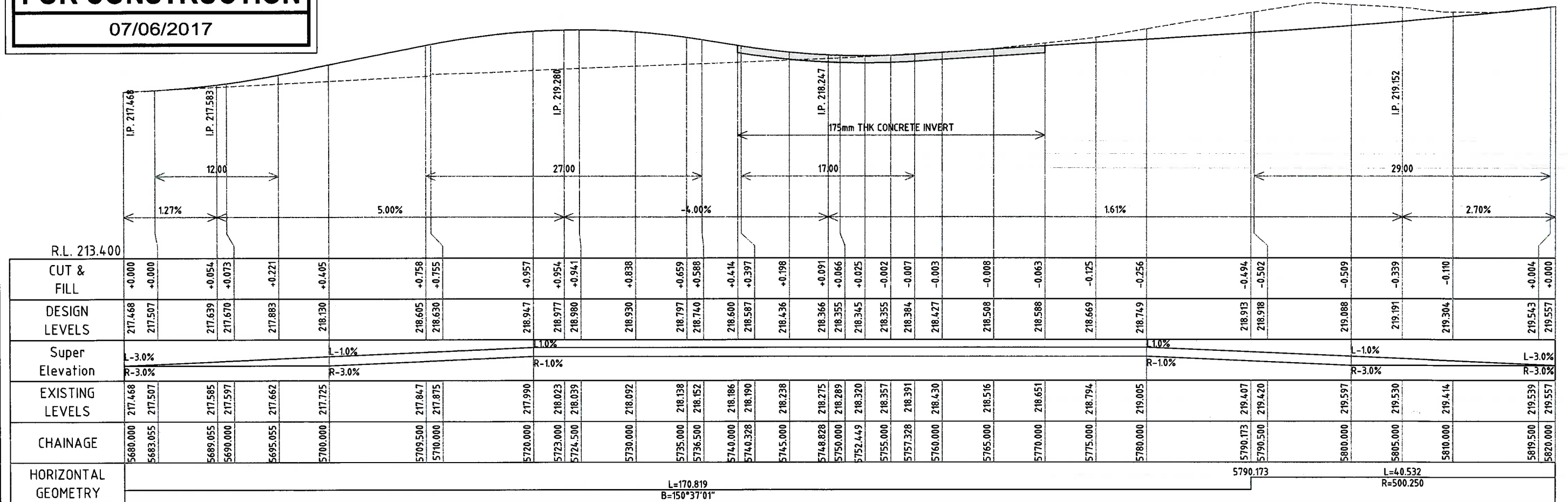
Sheet 3 OF 9

Issue A



FOR CONSTRUCTION

07/06/2017



No.	A	Original Issue	07-JUN-17
	-	Draft	23-MAY-17
		Revision	
		Date	

- DIMENSIONS ARE IN METRES U.N.O.
- CONTOURS ARE SHOWN AT 200mm INTERVALS

General Notes:

R JONES
Drawn
A HEIT
MTS

L MILLAR
Checked
F NASTASI
DIS RPEQ 7142



TOLLEMACHES RD DRAINAGE IMPROVEMENT
LONGITUDINAL SECTION

Scale

AS SHOWN

Dwg. No.

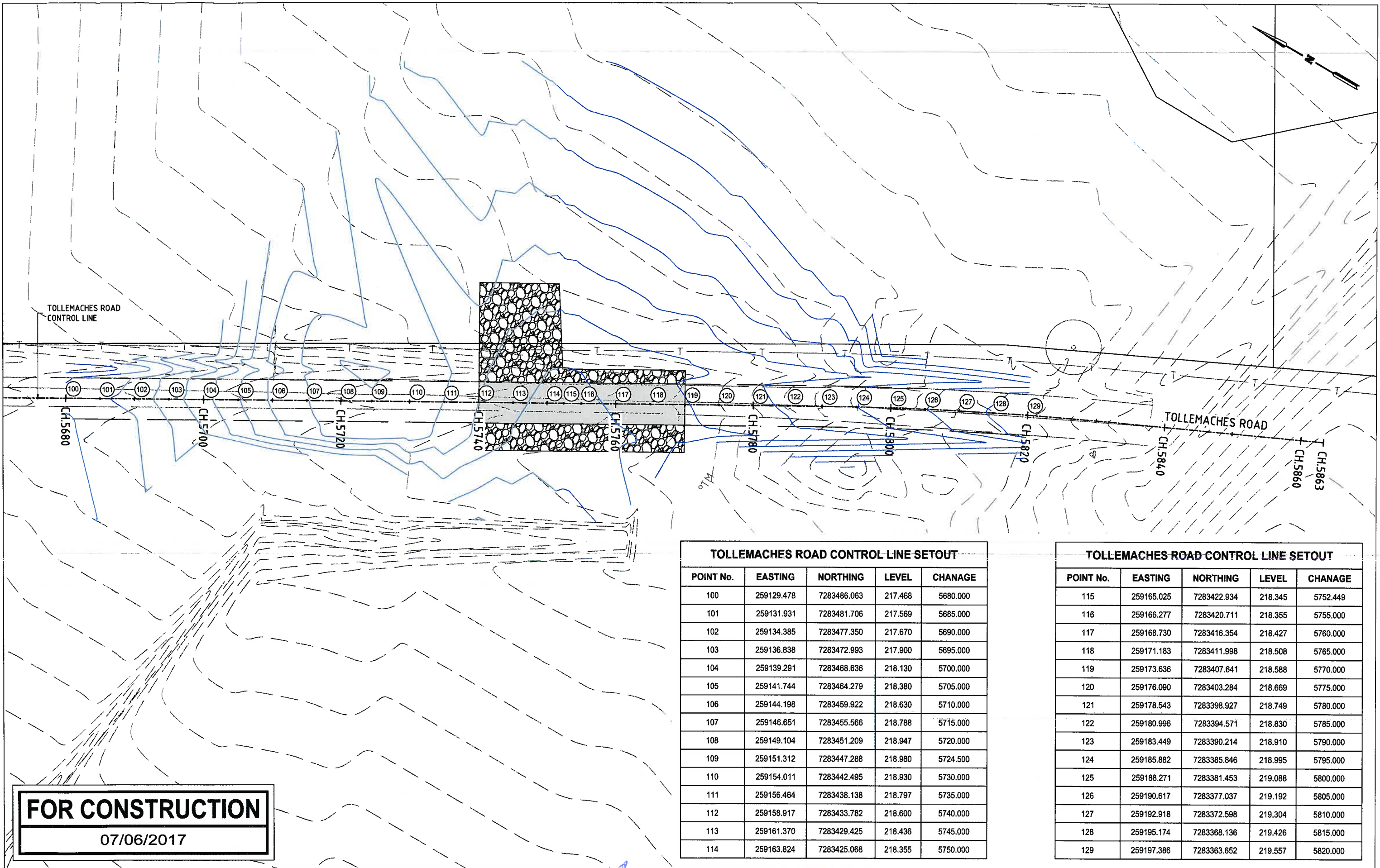
RD-1600-003

Sheet

4 OF 9

Issue

A



FOR CONSTRUCTION

07/06/2017

No.	Revision	Date
A	Original Issue	07-JUN-17
-	Draft	23-MAY-17

- DIMENSIONS ARE IN METRES U.N.O.
- CONTOURS ARE SHOWN AT 200mm INTERVALS

General Notes:

R JONES
Drawn
A HEIT
MTS

L MILLAR
Checked
F NASTASI
DIS RPEQ 7142



**TOLLEMACHES RD DRAINAGE IMPROVEMENT
CONTROL LINE SETOUT**

Scale 0 2.5 5 7.5 10 1:500
PLAN

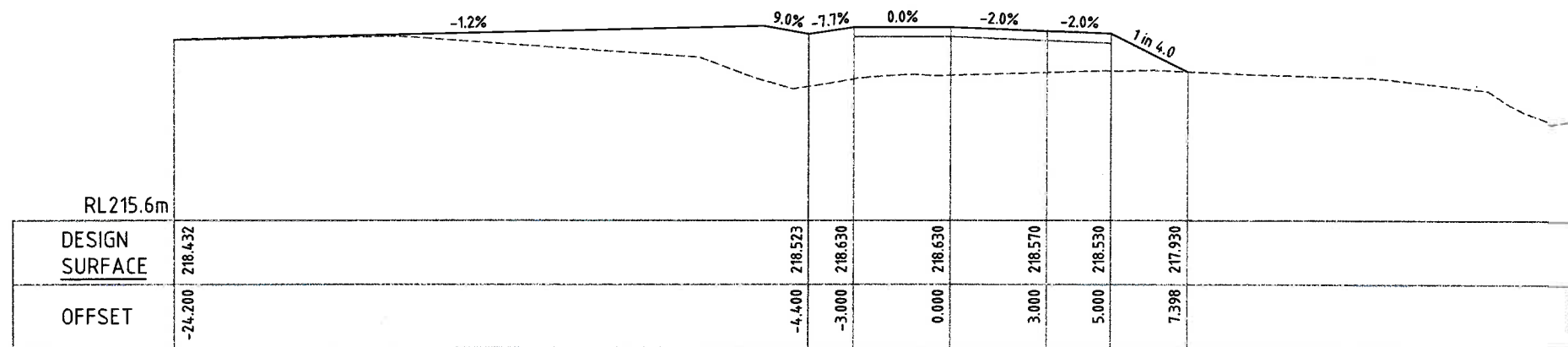
Dwg. No. RD-1600-004 Sheet 5 OF 9 Issue A

TOLLEMACHES ROAD CONTROL LINE SETOUT

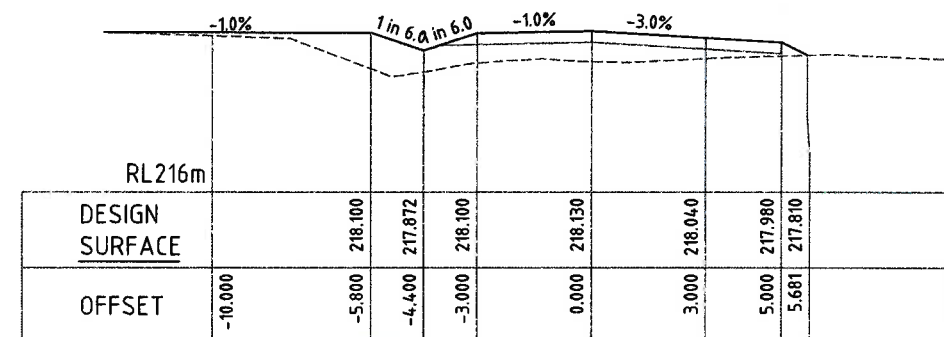
POINT No.	EASTING	NORTHING	LEVEL	CHANAGE
100	259129.478	7283486.063	217.468	5680.000
101	259131.931	7283481.706	217.569	5685.000
102	259134.385	7283477.350	217.670	5690.000
103	259136.838	7283472.993	217.900	5695.000
104	259139.291	7283468.636	218.130	5700.000
105	259141.744	7283464.279	218.380	5705.000
106	259144.198	7283459.922	218.630	5710.000
107	259146.651	7283455.566	218.788	5715.000
108	259149.104	7283451.209	218.947	5720.000
109	259151.312	7283447.288	218.980	5724.500
110	259154.011	7283442.495	218.930	5730.000
111	259156.464	7283438.138	218.797	5735.000
112	259158.917	7283433.782	218.600	5740.000
113	259161.370	7283429.425	218.436	5745.000
114	259163.824	7283425.068	218.355	5750.000

TOLLEMACHES ROAD CONTROL LINE SETOUT

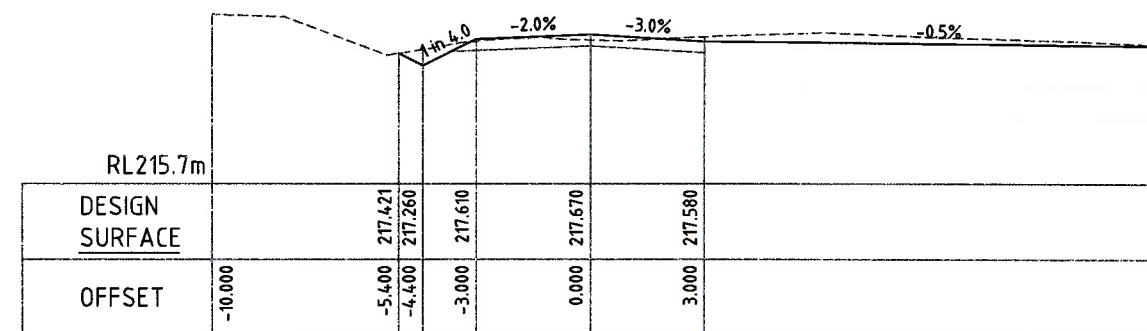
POINT No.	EASTING	NORTHING	LEVEL	CHANAGE
115	259165.025	7283422.934	218.345	5752.449
116	259166.277	7283420.711	218.355	5755.000
117	259168.730	7283416.354	218.427	5760.000
118	259171.183	7283411.998	218.508	5765.000
119	259173.636	7283407.641	218.588	5770.000
120	259176.090	7283403.284	218.669	5775.000
121	259178.543	7283398.927	218.749	5780.000
122	259180.996	7283394.571	218.830	5785.000
123	259183.449	7283390.214	218.910	5790.000
124	259185.882	7283385.846	218.995	5795.000
125	259188.271	7283381.453	219.088	5800.000
126	259190.617	7283377.037	219.192	5805.000
127	259192.918	7283372.598	219.304	5810.000
128	259195.174	7283368.136	219.426	5815.000
129	259197.386	7283363.652	219.557	5820.000



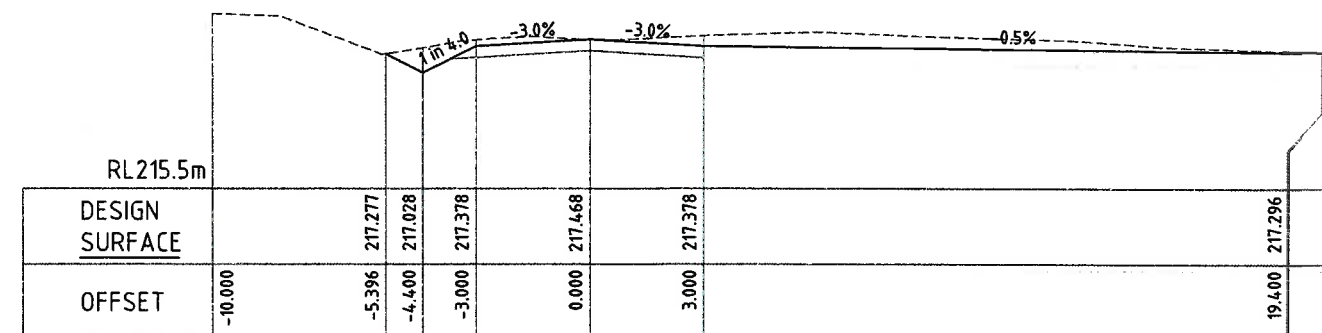
CH. 5710.000 m



CH. 5700.000 m



CH. 5690.000 m



CH. 5680.000 m

FOR CONSTRUCTION

07/06/2017

1. DIMENSIONS ARE IN METRES U.N.O.

No.	Revision	Date
A	Original Issue	07-JUN-17
-	Draft	23-MAY-17

General Notes:

R JONES

Drawn

A HEIT

MTS

L MILLAR

Checked

F NASTASI

DIS

RPEQ 7142



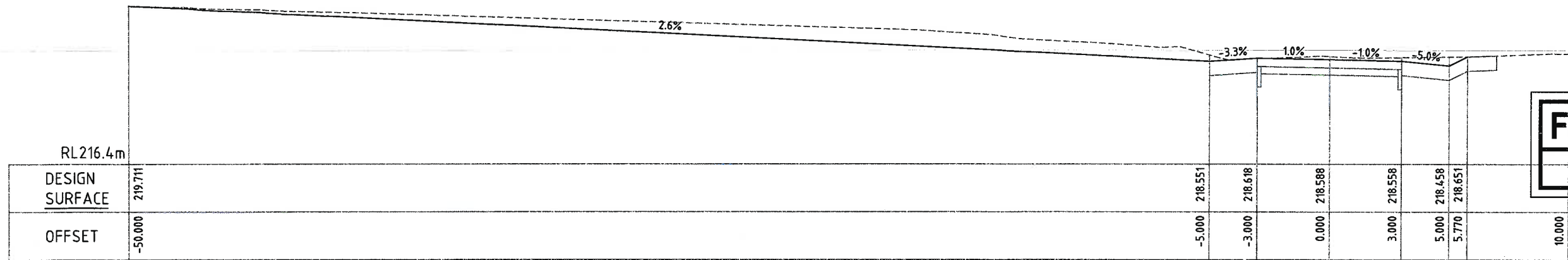
TOLLEMACHES RD DRAINAGE IMPROVEMENT
CROSS SECTIONS (1 of 4)

Scale 0 0.5 1.0 1.5 2.0 1:100
SECTIONS

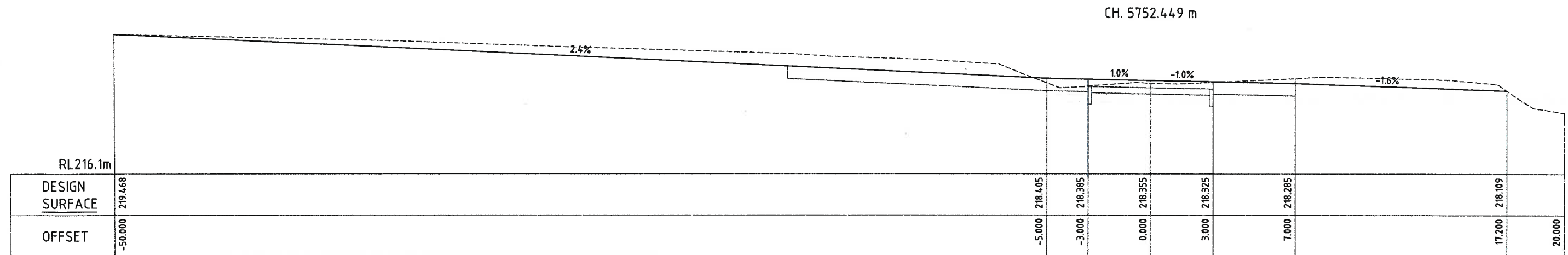
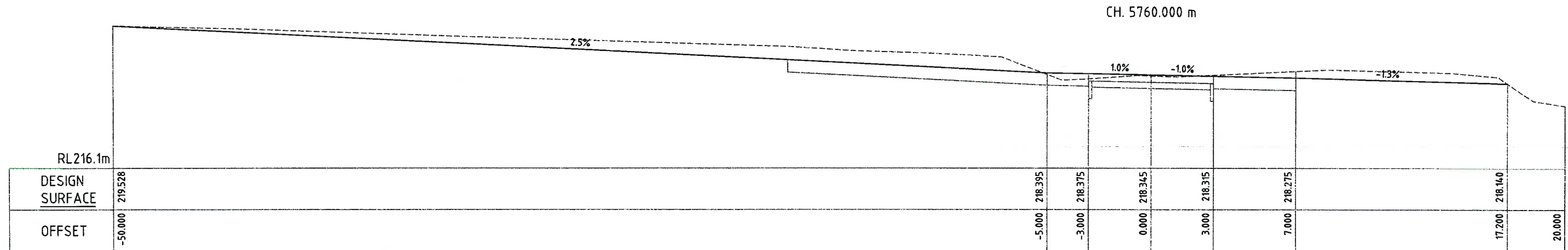
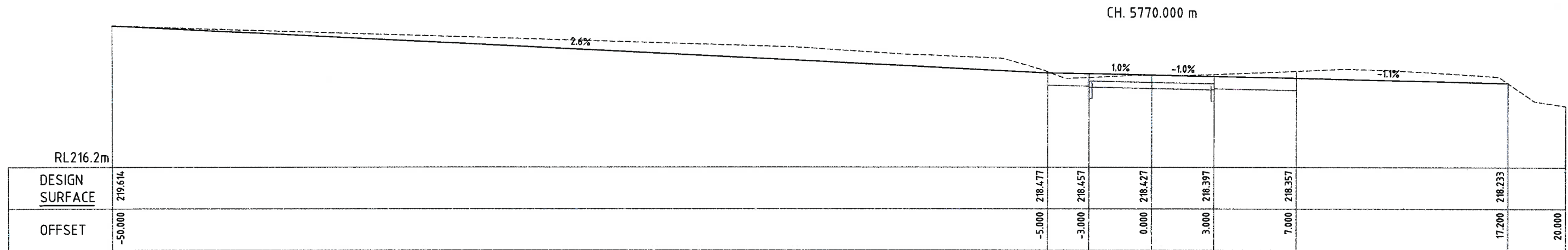
Dwg. No. RD-1600-005

Sheet 6 OF 9

Issue A

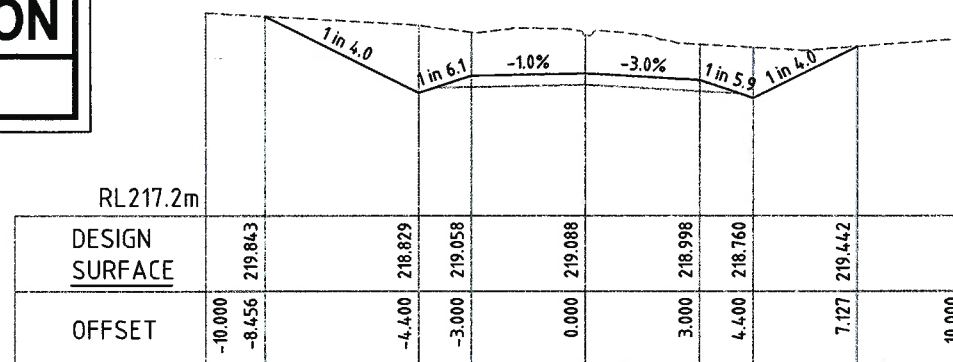


FOR CONSTRUCTION
07/06/2017

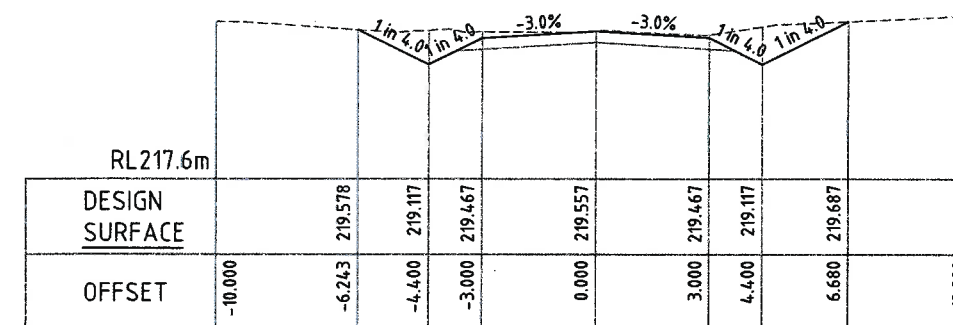


FOR CONSTRUCTION

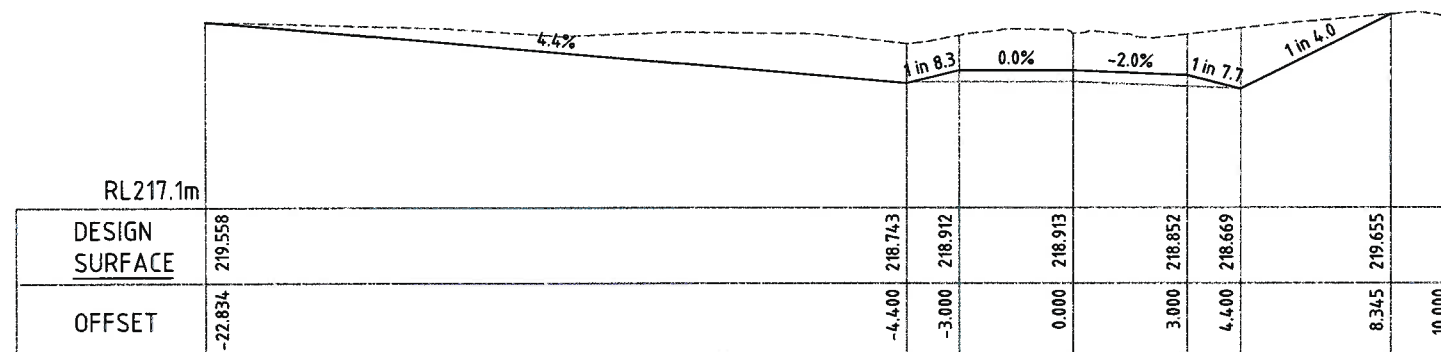
07/06/2017



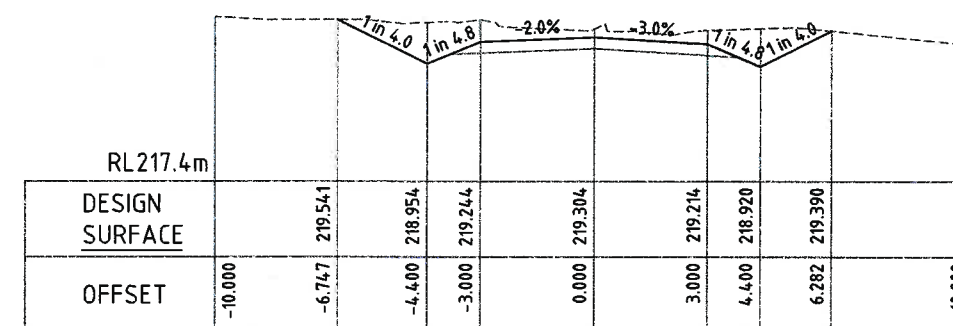
CH. 5800.000 m



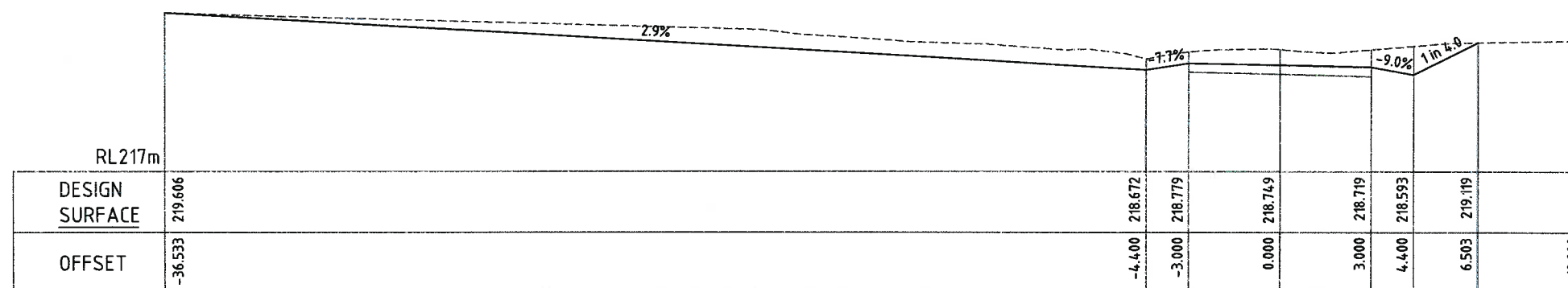
CH. 5820.000 m



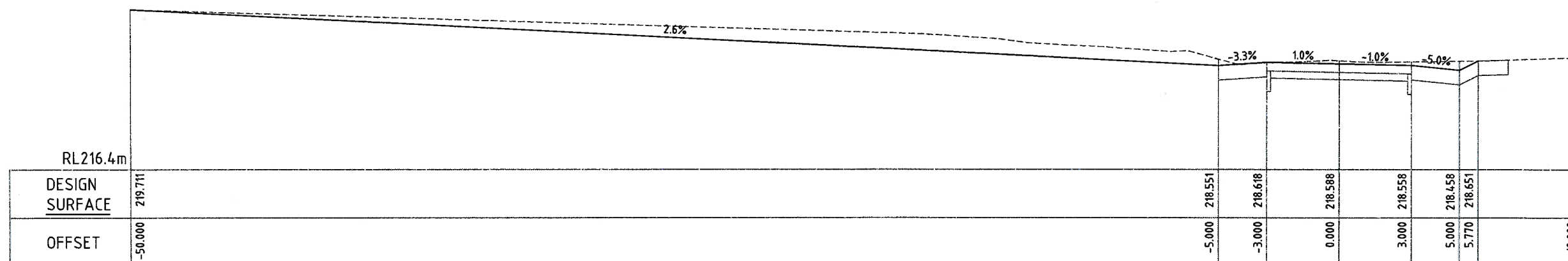
CH. 5790.173 m



CH. 5810,000 m



CH. 5780.000 m



CH. 5770.000 m

A	Original Issue	07-JUN-17
-	Draft	23-MAY-17
No.	Revision	Date

1. DIMENSIONS ARE IN METRES U.N.O.

R JONES

Drawn
A HEIT

4

MPS/60

L MILLAR

Checked	
---------	--

F NASTASI

DIS RPEQ 7142



TOLLEMACHES RD DRAINAGE IMPROVEMENT
CROSS SECTIONS (4 of 4)

Scale 0 0.5 1.0 1.5 2.0 1:100
SECTIONS

Dwg. No.	RD-1600-008
----------	-------------

Sheet
9 OF 9

Issue	A
-------	---