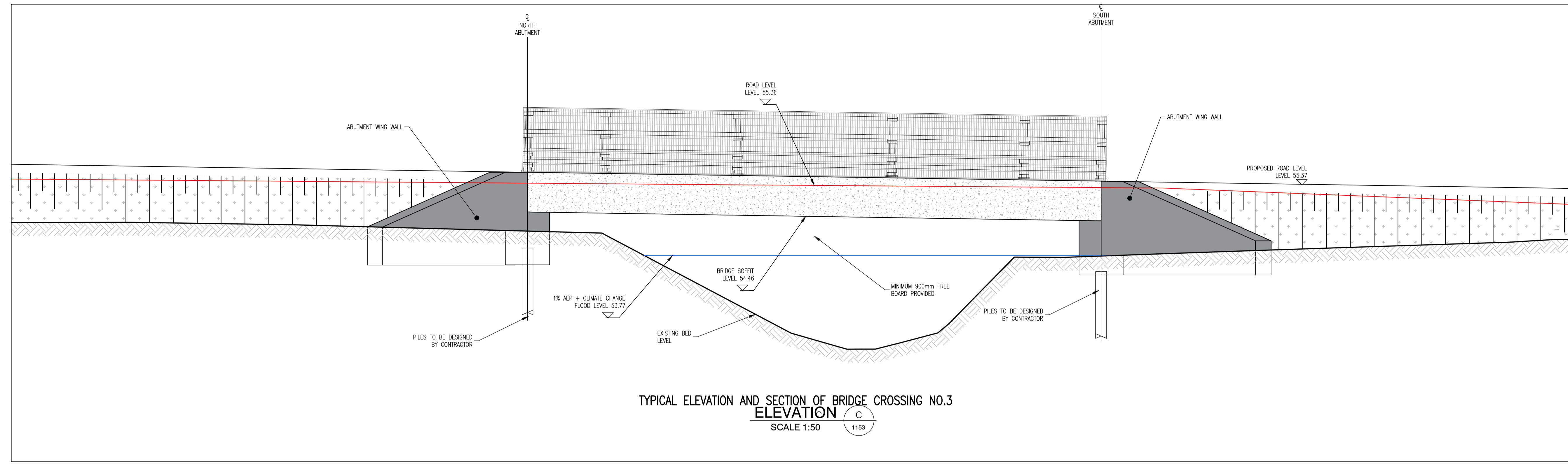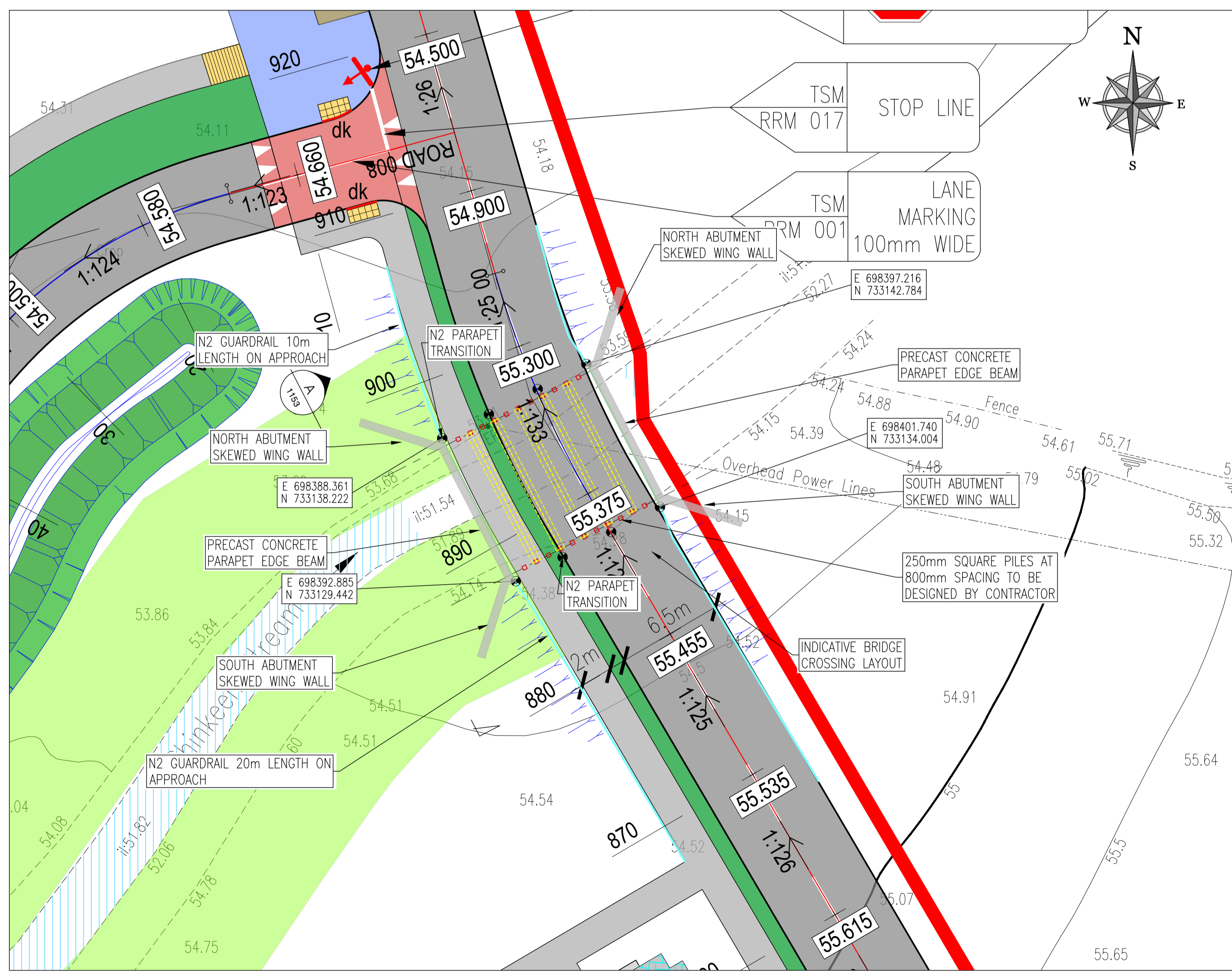ON ORIGINAL

0 5 10 15 20 25 30 40 50mm

NOTES:

1. ALL WORKS TO BE CONSTRUCTED IN ACCORDANCE WITH THE NRA SPECIFICATION FOR ROAD WORKS UNLESS OVERRIDDEN BY LOCAL OVERSEEING AUTHORITY'S STANDARDS

2. ALL ROAD MARKINGS & SIGNS SHALL COMPLY FULLY WITH THE TRAFFIC SIGNS MANUAL, PUBLISHED BY THE DEPARTMENT OF TRANSPORT, JUNE 2010.

3. SIGNS & MARKINGS: CONTRACTOR TO CONFIRM PRECISE SETTING OUT WITH EMPLOYERS REPRESENTATIVE PRIOR TO COMPLETION.

4. ALL SIGNS TO BE MOUNTED ON 76.1mm GALVANISED STEEL POSTS WITH COLOURED SLEEVES U.N.O. TO SPECIFICATION AND IN ACCORDANCE WITH THE TRAFFIC SIGNS MANUAL: MOUNTING HEIGHT TO BOTTOM OF SIGN = 2.3m U.N.O.

5. ALL TRAFFIC MANAGEMENT TO COMPLY FULLY WITH THE PROVISIONS OF CHAPTER 8 OF THE TRAFFIC SIGNS MANUAL

6. ALL CO-ORDINATES ARE TO ITM.

7. ALL LEVELS ARE TO ORDNANCE DATUM AND ARE IN METRES

8. ALL EXISTING SIGNS (INCLUDING POLES) AND MARKINGS TO BE TAKEN UP OR COVERED AND TEMPORARY MEASURES APPLIED IN ACCORDANCE WITH CONTRACTORS TRAFFIC MANAGEMENT PLAN. THE CONTRACTOR MAY USE EXISTING SIGNAGE AS PART OF THEIR TRAFFIC MANAGEMENT PLAN.

9. ALL EXISTING CHAMBERS AND ACCESS POINTS TO REMAIN CLEAR OF OBSTRUCTION THROUGHOUT WORKS. CHAMBERS SHALL BE REBUILT/RETAINED IN POSITION IDENTIFIED ON SITE SERVICES LAYOUT DRAWING.

10. ALL PEDESTRIAN, CYCLE AND VEHICULAR ROUTES MUST BE RETAINED IN ACCORDANCE WITH APPROVED TRAFFIC MANAGEMENT PLAN.

11. ALL MATERIALS TO BE DISPOSED OFF SITE SHALL BE TAKEN TO A LICENSED FACILITY APPROVED BY THE LOCAL OVERSEEING AUTHORITY

ELEVATION

TYPICAL ELEVATION AND SECTION OF BRIDGE CROSSING NO.3

ELEVATION C 1153
SCALE 1:50

Labels on elevation:
- NORTH ABUTMENT
- SOUTH ABUTMENT
- ROAD LEVEL LEVEL 55.36
- ABUTMENT WING WALL
- ABUTMENT WING WALL
- PROPOSED ROAD LEVEL LEVEL 55.37
- BRIDGE SOFFIT LEVEL 54.46
- MINIMUM 900mm FREE BOARD PROVIDED
- 1% AEP + CLIMATE CHANGE FLOOD LEVEL 53.77
- EXISTING BED LEVEL
- PILES TO BE DESIGNED BY CONTRACTOR
- PILES TO BE DESIGNED BY CONTRACTOR

TYPICAL PLAN ARRANGEMENT FOR BRIDGE CROSSING NO. 3

SCALE 1:50

Plan labels:
- TSM RRM 017 STOP LINE
- TSM RRM 001 LANE MARKING 100mm WIDE
- NORTH ABUTMENT SKEWED WING WALL
- PRECAST CONCRETE PARAPET EDGE BEAM
- E 698397.216 N 733142.784
- E 698401.740 N 733134.004
- SOUTH ABUTMENT SKEWED WING WALL
- 250mm SQUARE PILES AT 800mm SPACING TO BE DESIGNED BY CONTRACTOR
- INDICATIVE BRIDGE CROSSING LAYOUT
- N2 GUARDRAIL 10m LENGTH ON APPROACH
- N2 PARAPET TRANSITION
- NORTH ABUTMENT SKEWED WING WALL
- E 698388.361 N 733138.222
- PRECAST CONCRETE PARAPET EDGE BEAM
- E 698392.885 N 733129.442
- N2 PARAPET TRANSITION
- SOUTH ABUTMENT SKEWED WING WALL
- N2 GUARDRAIL 20m LENGTH ON APPROACH
- Fence
- Overhead Power Lines

Levels: 54.31, 54.11, 54.18, 54.24, 54.88, 54.90, 54.61, 55.71, 54.15, 54.39, 54.48, 55.56, 55.32, 54.91, 55.64, 55.65, 53.86, 53.84, 53.88, 54.51, 54.54, 54.75, 54.08, 54.04, 52.06, 54.78, 53.82, 55.07, 55.535, 55.615, 55.455, 55.375, 55.300, 54.900, 54.660, 54.580, 54.500, 920, 910, 900, 890, 880, 870

Gradients: 1:123, 1:124, 1:133, 1:25, 1:26

LEGEND:

▬▬	SITE BOUNDARY
	PROPOSED ROAD
	PROPOSED FOOTPATH
	PROPOSED BUILDING
	PROPOSED CYCLE PATH
	PROPOSED SHARED PATH
	PROPOSED VERGE
	PROPOSED PERMEABLE PAVING
1:999	PROPOSED ROAD GRADIENT
99.99	PROPOSED ROAD LEVELS
FFL 55.500	PROPOSED FINISHED FLOOR LEVELS
	PROPOSED BUILDING STEPS
	TACTILE PAVING AT UNCONTROLLED CROSSINGS
c c	ROAD CROSS–SECTIONS
	EXISTING STREAMS; HAZELHATCH WATERCOURSE (EAST) SHINKEEN STREAM (WEST)
	PROPOSED OVERGROUND DETENTION BASIN
	INFILTRATION TRENCH
	UNDERGROUND GEOCELLULAR ATTENUATION TANK
RG	PROPOSED RAIN GARDEN LOCATION
	PROPOSED STORM WATER CATCH–PIT
	PROPOSED SURFACE WATER BIO–SWALE
	PROPOSED SURFACE WATER 150Ø FILTER DRAIN
	PROPOSED BIO–RETENTION AREA WITH GRATED OUTLET
	TREE PIT
➤	SURFACE RUNOFF
G	PROPOSED SURFACE WATER GULLY AND 150Ø COLLECTOR PIPE