

POINT	EASTING	NORTHING
7	4538.065	7470.589
8	4536.373	7473.067
9	4536.753	7466.342
10	4542.165	7463.468
11	4544.257	7461.317
12	4546.982	7455.830

POINT	EASTING	NORTHING
1	4553.981	7455.392
2	4551.404	7456.927
3	4551.198	7457.145
4	4549.811	7459.806
5	4541.021	7469.154
6	4538.292	7470.398

THE CUNNEENS BRIDGE REPLACEMENT  
 PLAN OF LOCATION OF CHICANE, SQUEEZE POINTS  
 AND SETOUT IN RELATION TO CUNNEENS BRIDGE  
 OVER CONGENAI CREEK WOLLONGBI  
 DRAWING NO. 5957

AS SHOWN

GRAPHIC SCALE

0 2 4 6 8 10 20

1:200

0 5 10 20

1:500

**CRESSNOCK CITY COUNCIL**  
 WATER DEPARTMENT

PAULSKIE CONSULTING ENGINEERS  
 PHONE 488 4888  
 FAX 488 4888

**ISSUED FOR APPROVAL**

DATE: 08-01-2008

BY: [Signature]

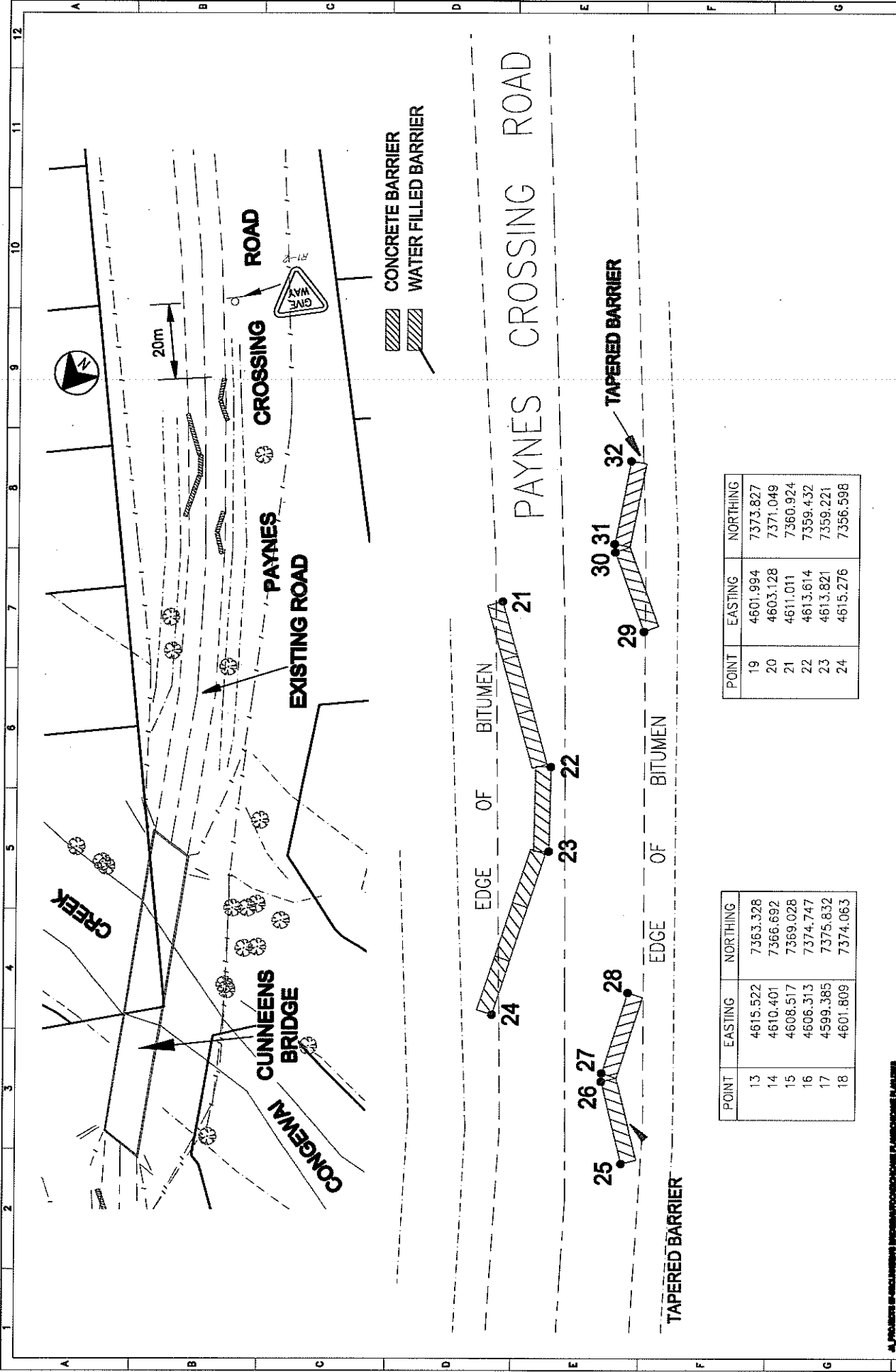
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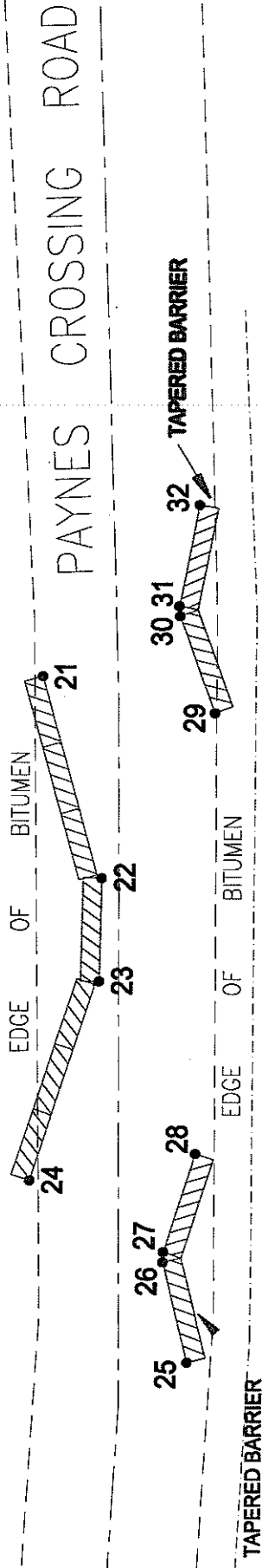
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DATE: [Blank]

BY: [Blank]



CONCRETE BARRIER  
 WATER FILLED BARRIER



POINT	EASTING	NORTHING
13	4615.522	7363.328
14	4610.401	7366.692
15	4608.517	7369.028
16	4606.313	7374.747
17	4599.385	7375.832
18	4601.809	7374.063

POINT	EASTING	NORTHING
19	4601.994	7373.827
20	4603.128	7371.049
21	4611.011	7360.924
22	4613.614	7359.432
23	4613.821	7359.221
24	4615.276	7356.598

ISSUED FOR APPROVAL

DATE: 08-01-2008

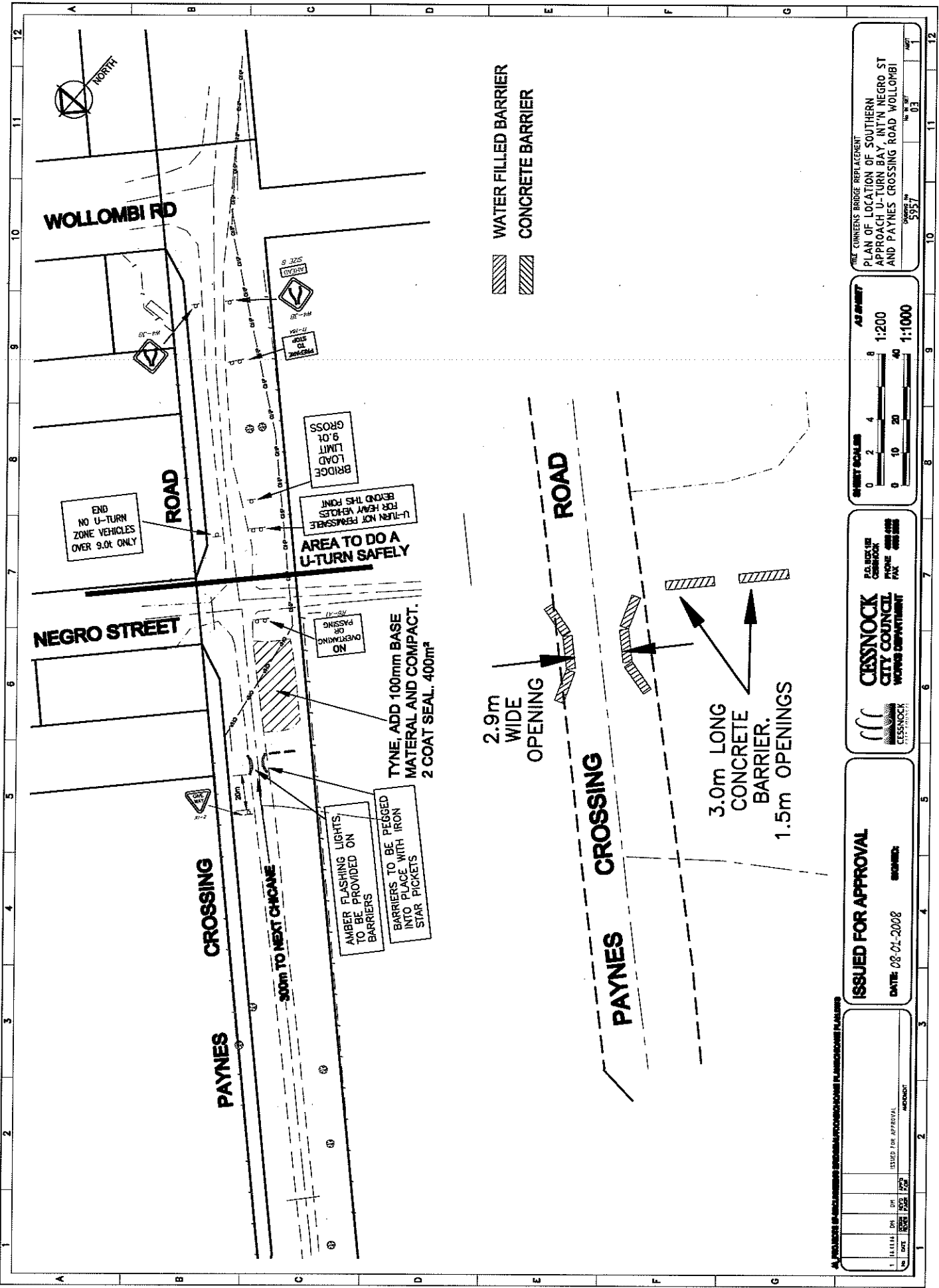
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SCALE: 1:200

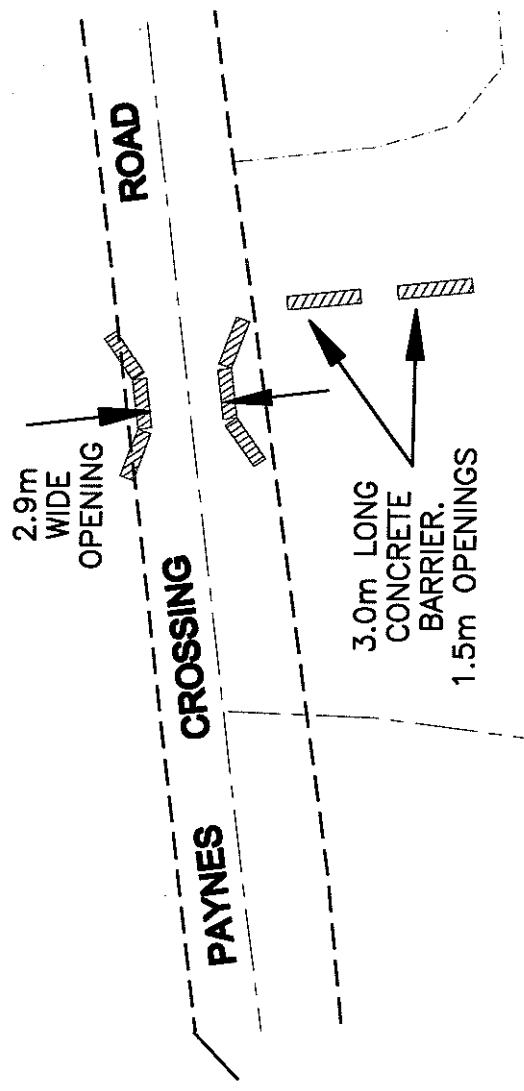
**CRESSNOCK CITY COUNCIL**  
 WORKS DEPARTMENT

PLANNING & DESIGN  
 PHONE: 08 9422 4444  
 FAX: 08 9422 4444

CHICANE BRIDGE REPLACEMENT  
 PLAN OF LOCATION OF CHICANE SQUEEZE POINTS  
 AND SETOUT IN RELATION TO CUNNEENS BRIDGE  
 OVER CONGEWAI CREEK (WOLLONBI)




 WATER FILLED BARRIER  
 CONCRETE BARRIER



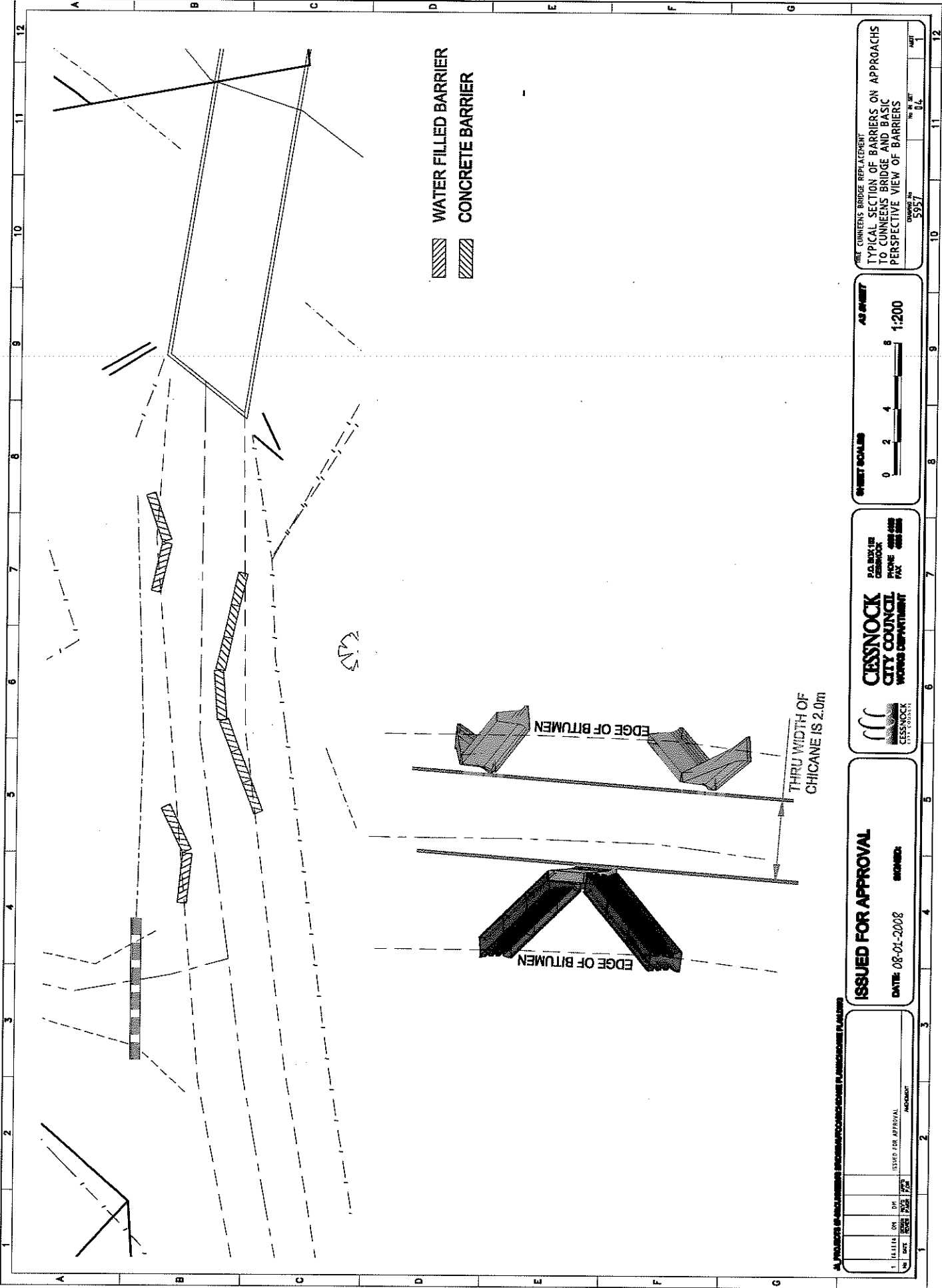
THE CUMMINGS BRIDGE REPLACEMENT  
 PLAN OF LOCATION OF SOUTHERN  
 APPROACH U-TURN BAY INT'N NEGRO ST  
 AND PAYNES CROSSING ROAD WOLLOMBI  
 DRAWN BY 5357

SHEET SCALES  
 0 2 4 8  
 1:200  
 0 10 20 40  
 1:1000

  
**CESSNOCK CITY COUNCIL**  
 WORKS DEPARTMENT  
 PALMERIE CROSSING  
 PHONE 089 499 4999  
 FAX 089 499 5888

**ISSUED FOR APPROVAL**  
 DATE 08-01-2008  
 DRAWN BY

ISSUED FOR APPROVAL  
 DATE 08-01-2008  
 DRAWN BY



 WATER FILLED BARRIER  
 CONCRETE BARRIER

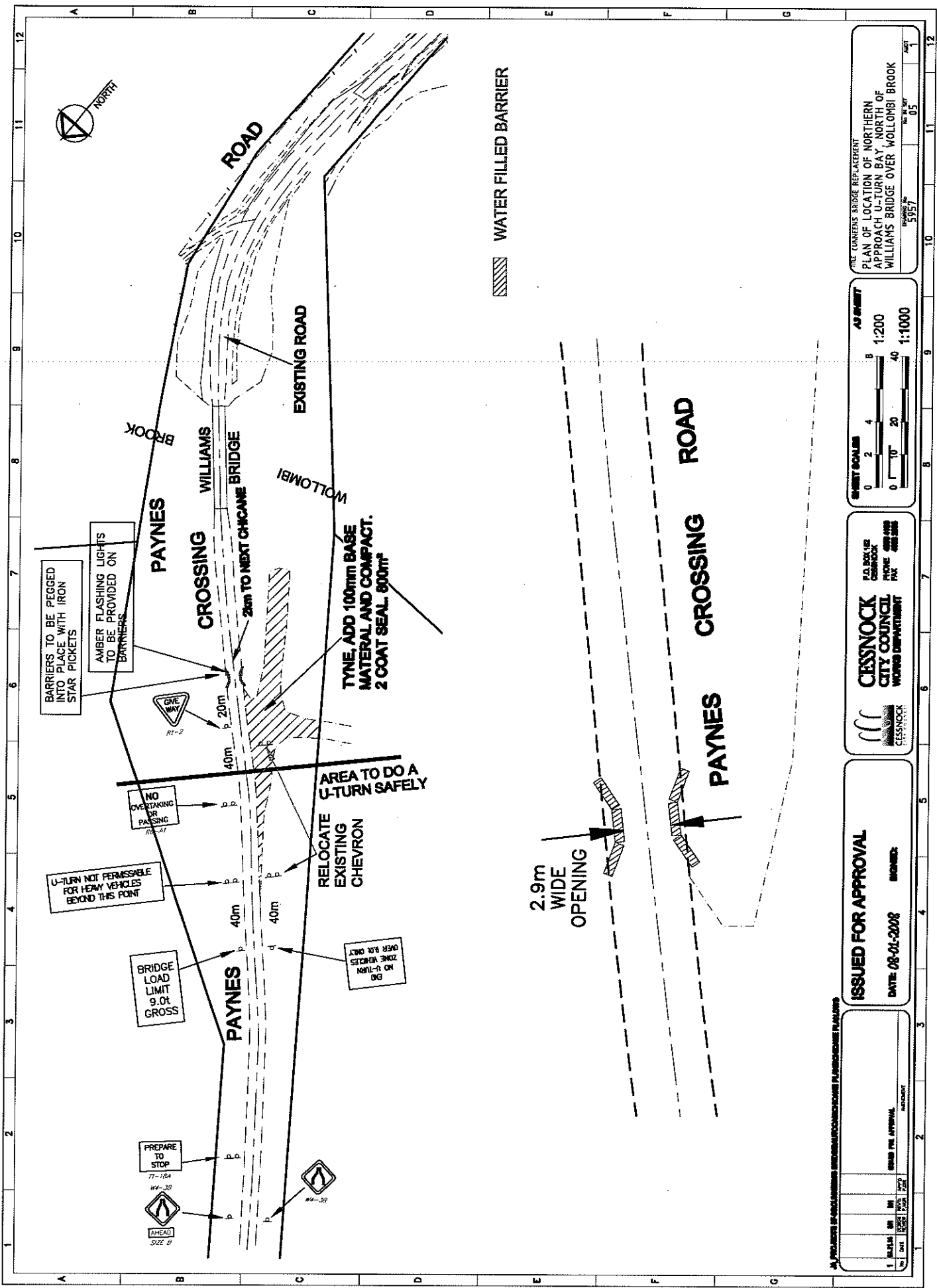
TYPICAL SECTION OF BARRIERS ON APPROACHES  
 TO CUNNEEN'S BRIDGE AND BASIC  
 PERSPECTIVE VIEW OF BARRIERS  
 DRAWING NO. 5957  
 SHEET NO. 04

SHEET SCALE  
 AS SHOWN  
 1:200

CRESSNOCK  
 CITY COUNCIL  
 WORKS DEPARTMENT  
 PLANNING  
 COUNCIL  
 PHONE 488 488  
 FAX 488 488

**ISSUED FOR APPROVAL**  
 DATE 08-01-2008  
 SHEETS

DATE	08-01-2008
BY	
CHECKED	
APPROVED	



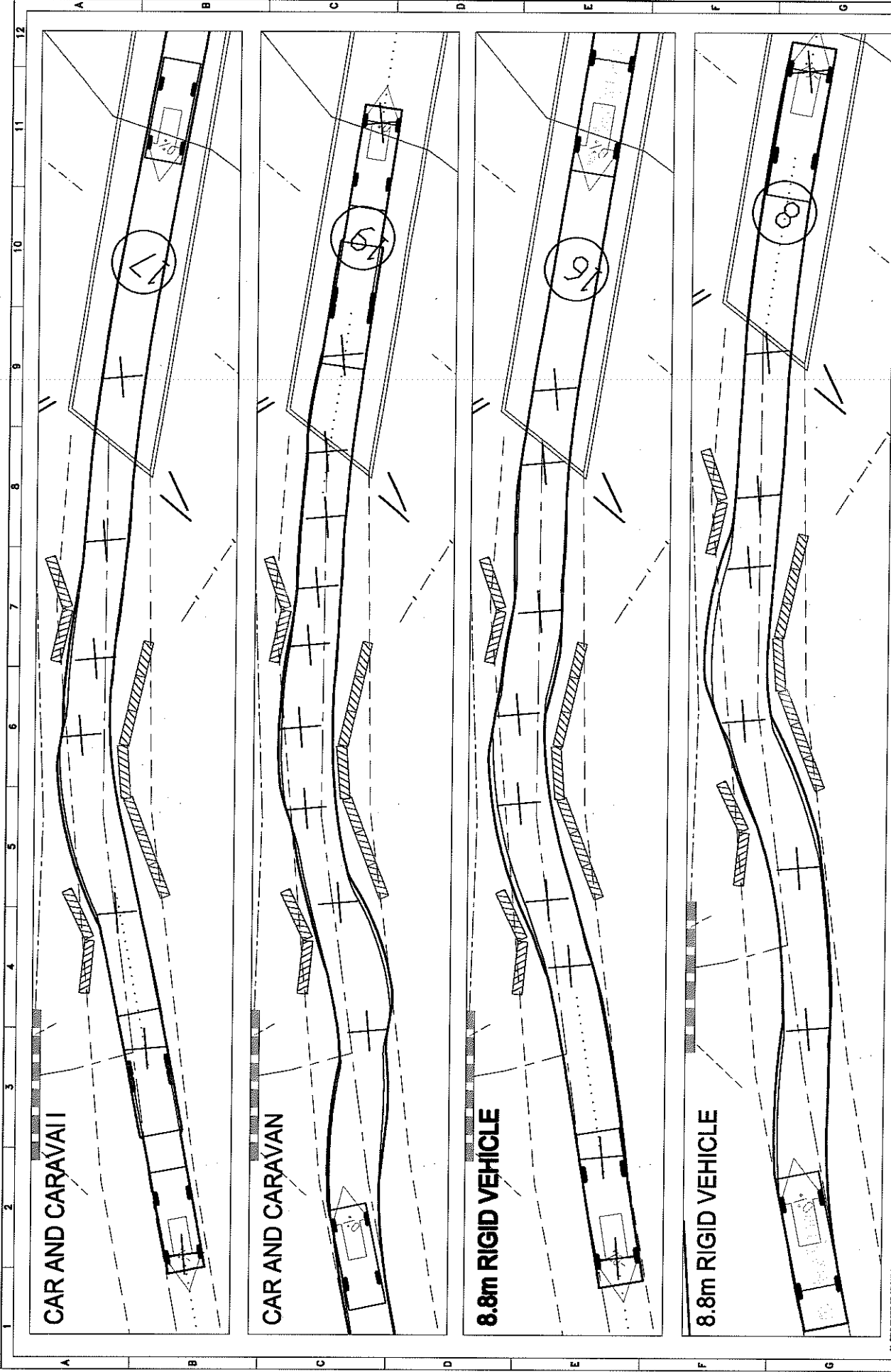
FILE CONVENTS BRIDGE REPLACEMENT  
 PLAN OF LOCATION OF NORTHERN  
 APPROACH U-TURN BAY NORTH OF  
 WILLIAMS BRIDGE OVER WOLLOMBI BROOK  
 PROJECT NO. 5357  
 DATE 05/01/05

GRAPHIC SCALE  
 AS SHOWN  
 1:200  
 1:1000

CESSNOCK  
 CITY COUNCIL  
 WORKS DEPARTMENT  
 PLANNING & DESIGN  
 PHONE 498 4988  
 FAX 498 5888

ISSUED FOR APPROVAL  
 DATE: 08-01-2008  
 DRAWN: [Name]

APPROVED BY:	DATE:	SCALE:	PROJECT NO.:



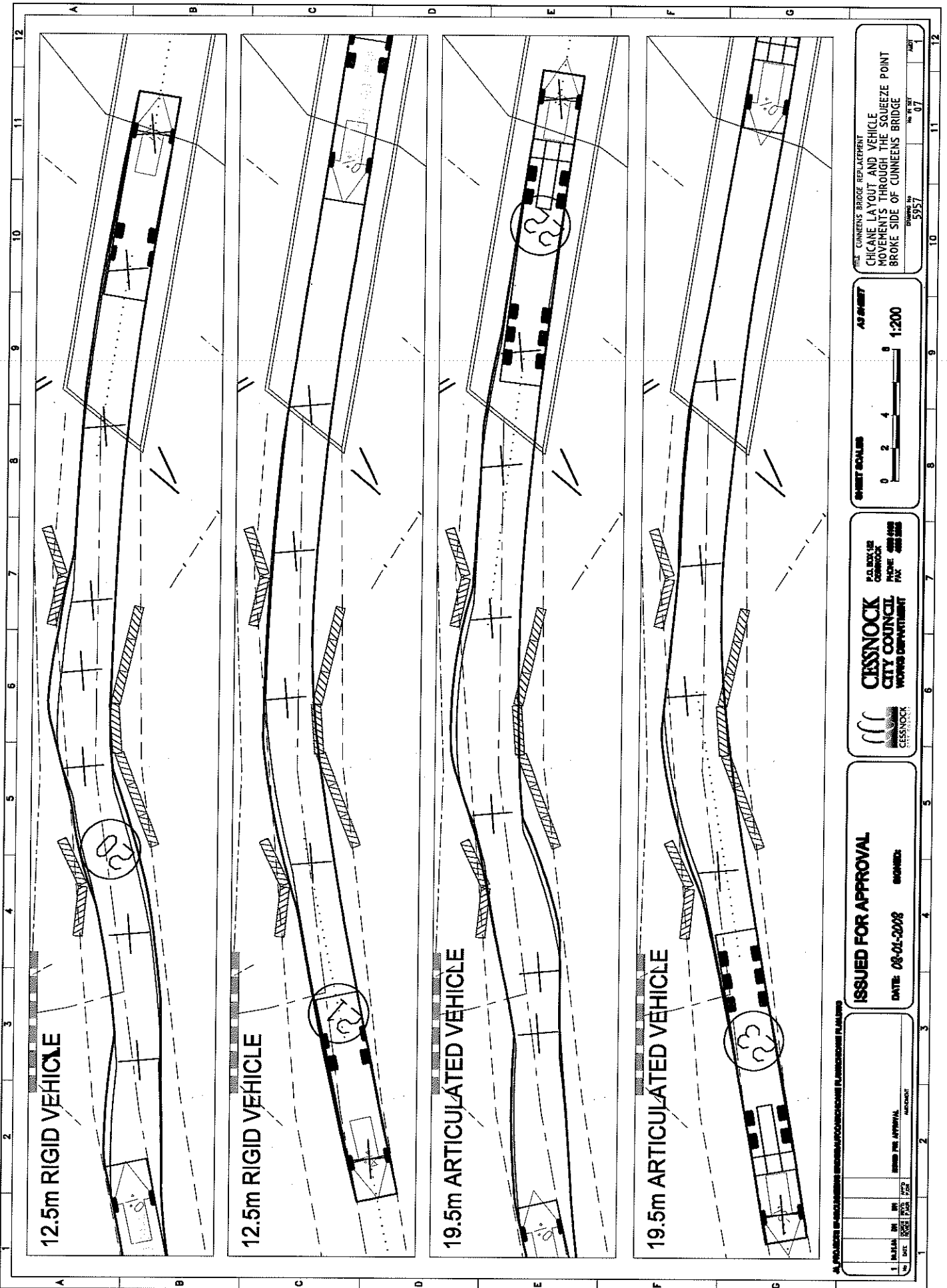
FILE: CUNNEENS BRIDGE REPLACEMENT  
 CHICANE LAYOUT AND VEHICLE  
 MOVEMENTS THROUGH THE SQUEEZE POINT  
 BROKE SIDE OF CUNNEENS BRIDGE  
 DRAWING NO: 5957  
 DATE: 06

AS SHOWN  
 SHEET SCALE: 1:200  
 0 2 4 8

**CRESSNOCK**  
 CITY COUNCIL  
 WORKS DEPARTMENT  
 POLICE &  
 CONSTRUCTION  
 PHONE: 08 939 4000  
 FAX: 08 939 4000

**ISSUED FOR APPROVAL**  
 DATE: 08-01-2008  
 DRAWN: [Signature]

APPROVED BY: [Signature]  
 1. DATE: [ ] BY: [ ]  
 2. DATE: [ ] BY: [ ]  
 3. DATE: [ ] BY: [ ]  
 4. DATE: [ ] BY: [ ]



12.5m RIGID VEHICLE

12.5m RIGID VEHICLE

19.5m ARTICULATED VEHICLE

19.5m ARTICULATED VEHICLE

1. PROJECT NO.	2. SHEET NO.	3. DATE	4. SCALE	5. DRAWN BY	6. CHECKED BY	7. APPROVED BY

**ISSUED FOR APPROVAL**  
 DATE: 08-01-2008  
 DRAWN: [Name]

**CRESSNOCK CITY COUNCIL**  
 WORKS DEPARTMENT  
 P.O. BOX 42  
 CRESSNOCK  
 PHONE: 488 4988  
 FAX: 488 5885

**SHEET SCALES**  
 0 2 4 8 1:200  
 AS SHOWN

**FILE: CUNNEENS BRIDGE REPLACEMENT**  
**CHICANE LAYOUT AND VEHICLE**  
**MOVEMENTS THROUGH THE SQUEEZE POINT**  
**BROKE SIDE OF CUNNEENS BRIDGE**  
 DRAWING NO: 5357  
 SHEET NO: 07



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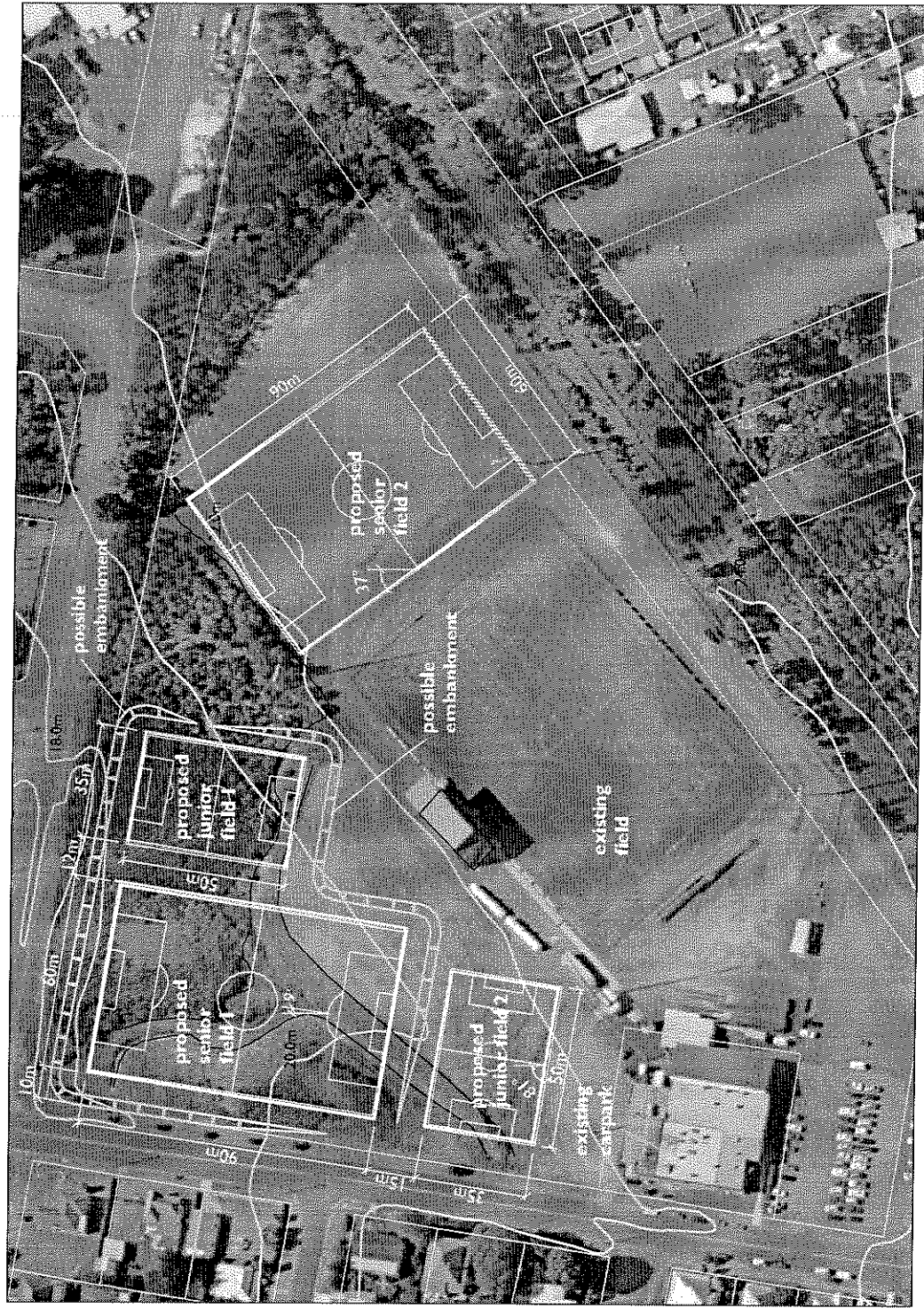
**241 DENISON STREET BROADMEADOW PO BOX 428 HAMILTON NSW 2303**  
 T: 02 4961 8500 F: 02 4961 8794 E: survey@hso.com.au W: www.hso.com.au ABN 11 093 343 656

**CLIENT:**  
 CESSNOCK CITY COUNCIL

**TITLE:**  
 FIGURE 3-3  
 KSSW VARIATION MAP

**PLANNING SURVEYING ECOLOGY**





- NOTES:
1. proposed playing fields | setout at 9° east of north.  
 proposed junior field 2 setout at 81° west of north.  
 proposed senior field 2 setout at 37° west of north.  
 Desired orientation is 15° east of north.  
 Maximum suggested orientation east of north is 45°.  
 Maximum suggested orientation west of north is 20°.
  2. concept layout for discussion only. Confirmation of site levels will be required for final concept. Embankments shown are indicative only & may need to be wider &/or higher.  
 Drainage not resolved.  
 Recommended margins outside of playing area are:-  
 - 9m end margin  
 - 6m side margin

