

## DRAWING INDEX

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A	FOR CONSTRUCTION	AE	03/03/2023					Drawn: SA	Scale: AS SHOWN	Checked:	Date: 03/03/2023	
								Checked: JB	Original Size: A3		No. in set: 01 of 04	Revision:  A
								Job Number: 19372	Drawing Number: 19372-CIV-C01			
								DO NOT SCALE DRAWINGS, USE FIGURED DIMENSIONS				
								REFER COVER SHEET FOR NOTES UNLESS NOTED OTHERWISE				
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1. If any site conditions are encountered that are contrary to the drawings or any details are not understood, please contact this office for clarification.
2. Dimensions shall be used in preference to scaling from drawings.
3. All works are to be set out and confirmed prior to construction.
4. All materials and workmanship shall be in accordance with the relevant and current SA codes and with the NRLG standards and specifications.
5. All services are to be located in the field in conjunction with a responsible officer of each relevant authority prior to the commencement of construction.
6. All bare soil areas are to be protected from erosion by temporary measures and revegetated at the cessation of construction.
7. All excavations, trenching, shoring etc. to be undertaken in accordance with "Excavation Work – Code of practice July 2012" by Safe Work Australia and other relevant codes and standards.
8. It is the contractors responsibility to satisfy themselves of the location of all existing services on site, whether indicated on these drawings or not.
9. All signs and linemarking to be in accordance with AS1742.

1. Specified pavement materials to be supplied in accordance with the requirements of the NRLG specifications.
2. Pavement material compaction to be in accordance with NRLG specification and to the following minimum standards:
  - base and sub-base course gravels, 100% standard compaction.
  - subgrade, 95% standard compaction;
  - select fill material, 100% standard compaction
3. The contractor shall coordinate with the superintendent the following hold point inspections:
  - Subgrade proof roll
  - Finished base proof rollProvide 24 hours notice for all inspections.
4. All material shall be compacted in layers not exceeding 150mm compacted thickness. Each layer shall be compacted to the relative compaction specified before the next layer is commenced.
5. Seal design elements not specified on these drawings shall be by the contractor.
6. The contractor shall be responsible for the provision of Work-As-Executed drawings of the finished works.

1. All workmanship and materials shall be in accordance with AS3600.
2. No admixtures shall be used in concrete unless approved in writing.
3. All reinforcing shall be firmly supported on chairs at no greater than 800 crs both ways. Bars shall be tied at alternate intersections.
4. The finished concrete shall be a dense homogeneous mass, completely filling the formwork, thoroughly embedding reinforcing, and free of air pockets. All concrete including slabs on ground and footings shall be compacted with mechanical vibrators by suitably experienced contractors
5. Curing of all concrete is to be achieved by keeping surfaces continuously moist for a period of three days and prevention of loss of moisture for a total of 7 days followed by gradual drying.
6. Unless noted otherwise all slabs on ground are to be cast on a 200 micron thick polythene sheet lapped and taped at joints laid over a 50mm min sand bed.
7. All footings shall be inspected by supervising engineer or relevant certifier prior to pouring of concrete. Concrete shall not be delivered to the site until final approval is obtained.
8. Unless noted otherwise all bars shall be lapped by:  
    N12-500mm  
    N16-600mm
9. Laps in mesh (fabric) shall comply with AS 3600. The two outermost transverse wires of one sheet shall overlap the two outermost transverse wires of the sheet being lapped.
10. Do not cut reinforcement on site to clear penetrations. displace reinforcement slightly as necessary.
11. Welding of reinforcement is not permitted.
12. Reinforcement shall be bent cold in accordance with AS 3600 except where approved by the structural engineer. No re-bending shall be permitted unless approved by the structural engineer.
13. All footing excavations shall be cleaned of loose material and water.
14. Sides of footings shall be formed as necessary when excavated face is not stable.
15. Concrete strength grade for particular elements shall be as follows unless noted otherwise:

16. Reinforcement symbols:

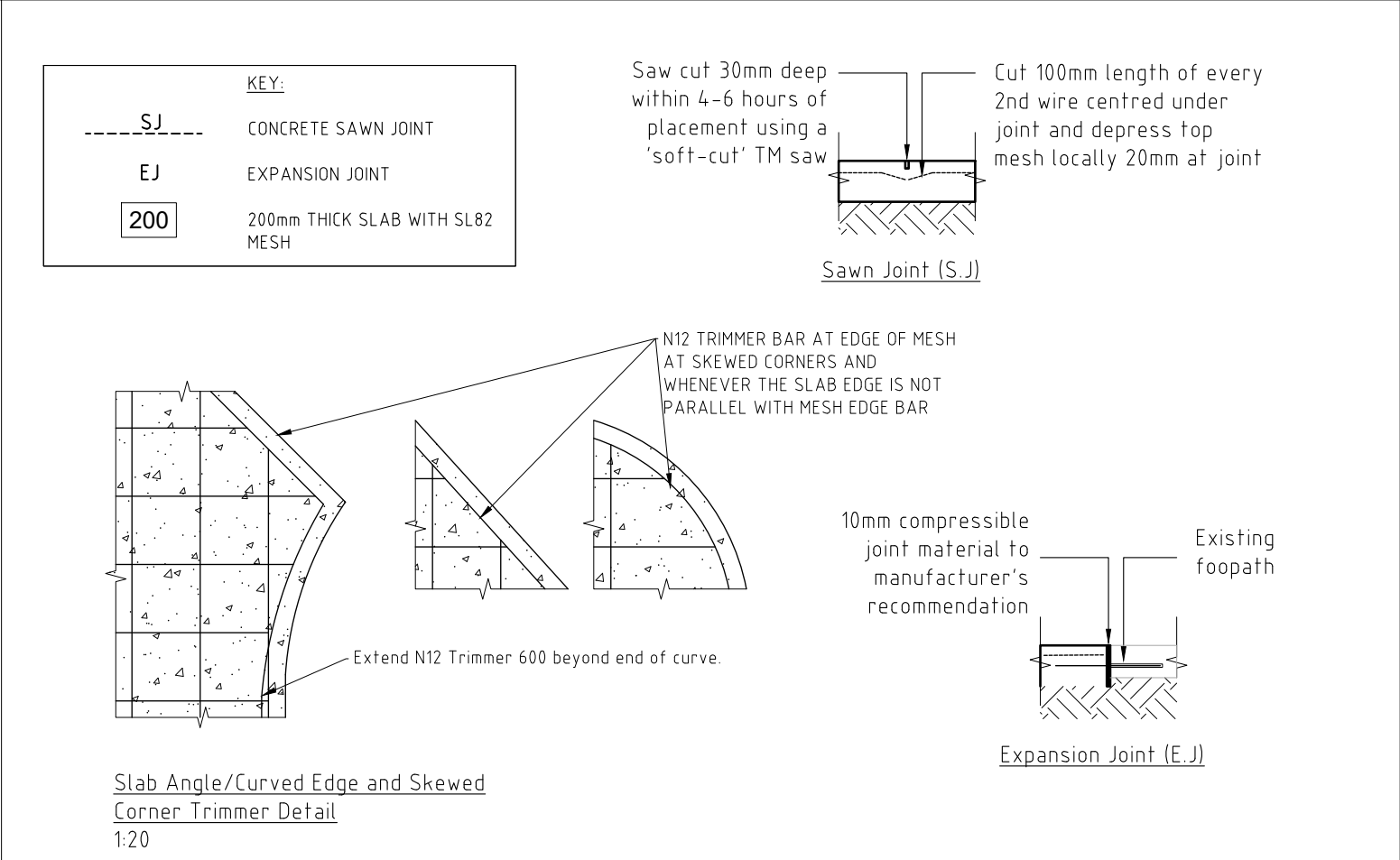
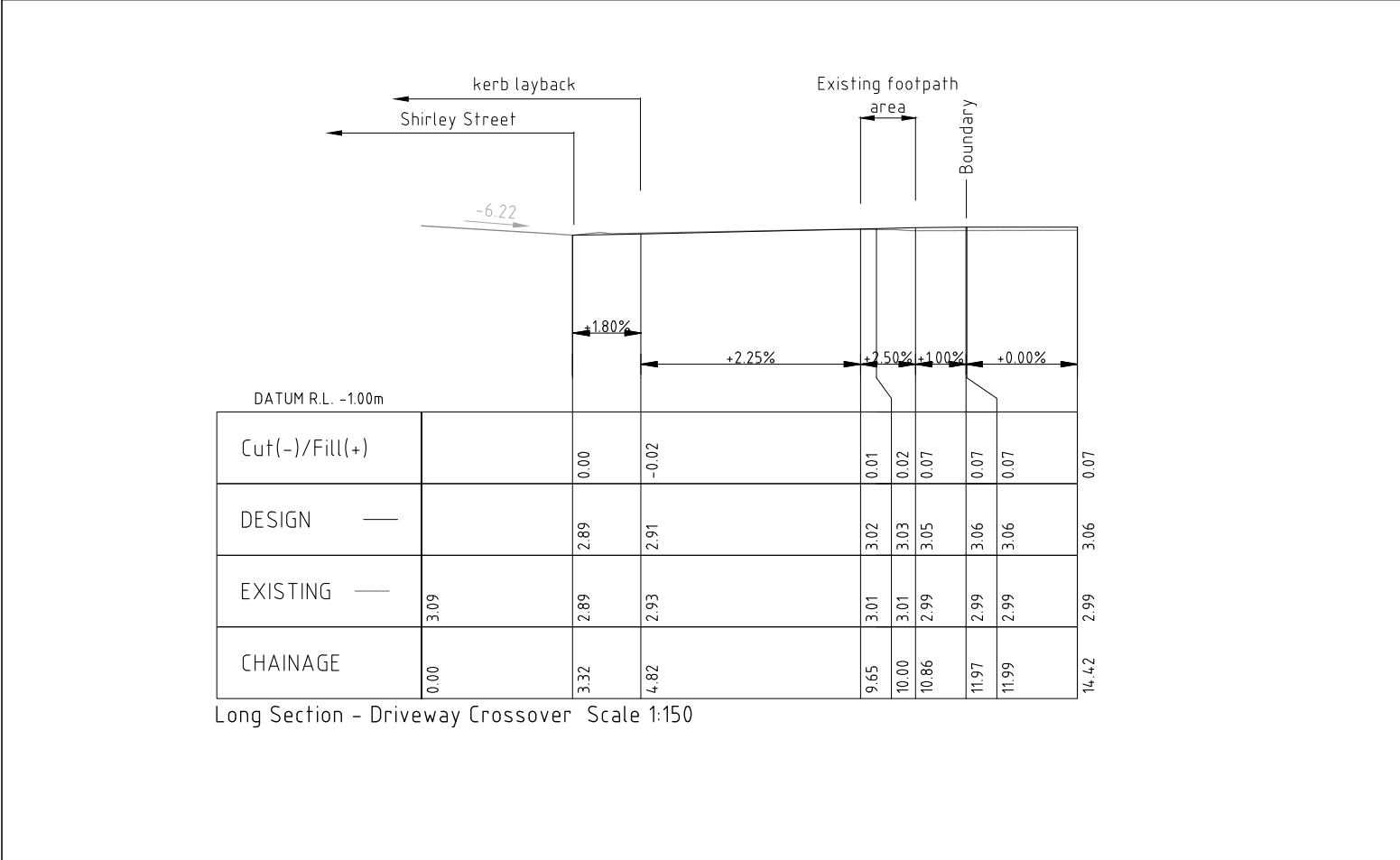
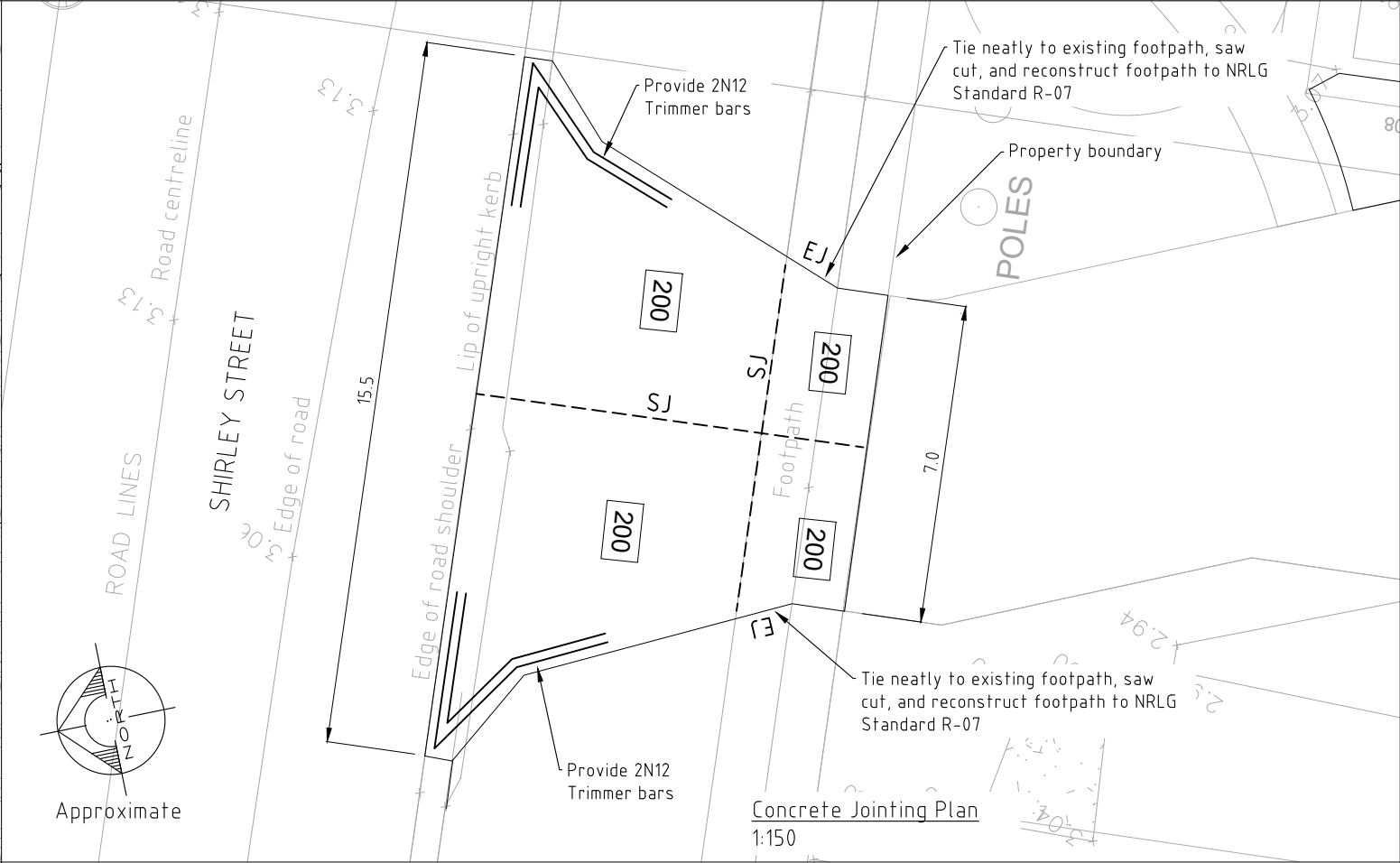
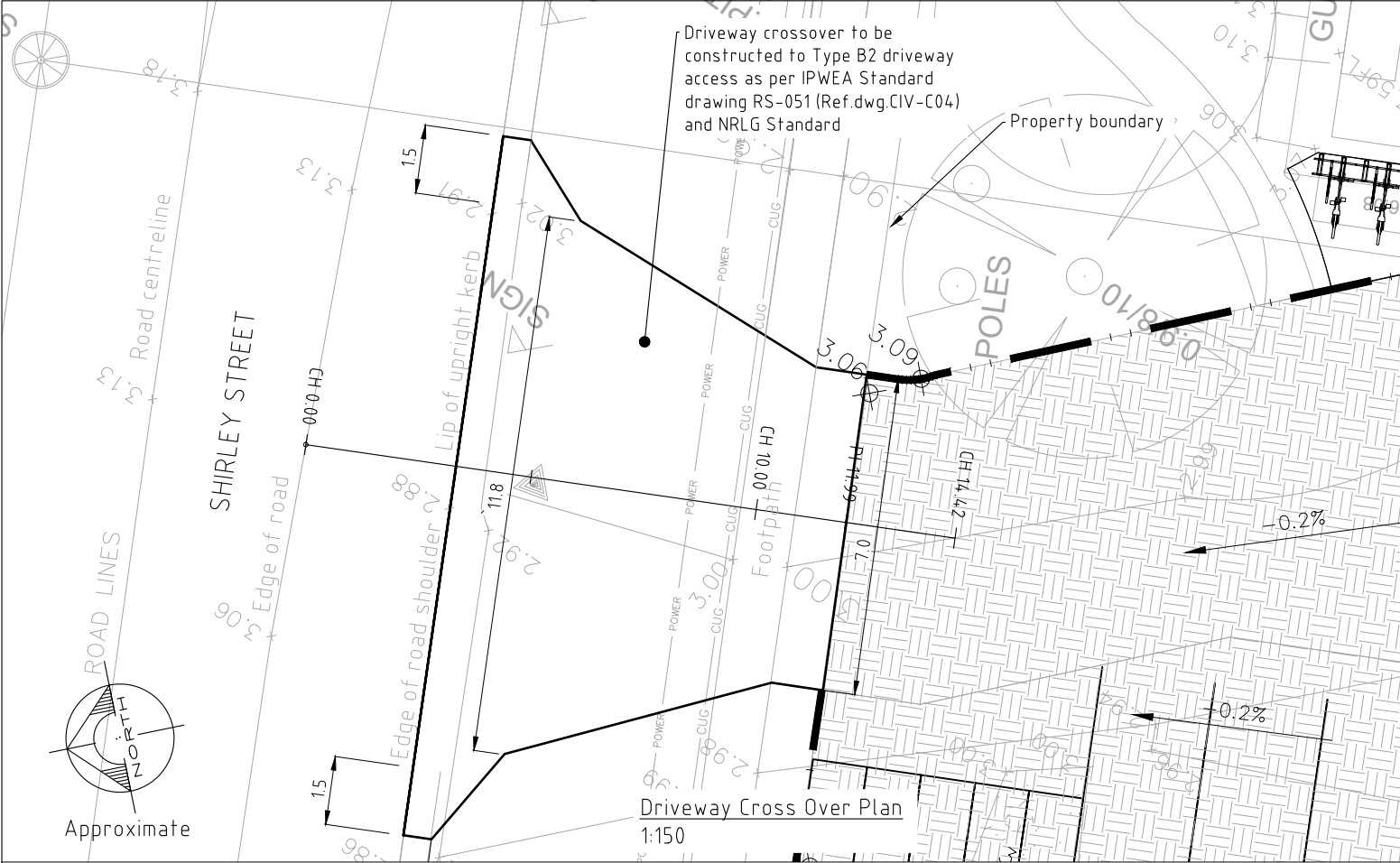
R	-Plain round bar grade r250n to as 4671
S	-Deformed bar grade d250n to as 4671
N	-Deformed bar grade d500n to as 4671
SL/RL	-Deformed wire reinforcing mesh grade D500L to AS 4671
W	-Cold drawn round wire grade r500l to AS 4671

17. Minimum cover to all reinforcement shall be as follows unless noted otherwise:

<u>Item</u>	<u>Formed</u> <u>Not exposed</u> <u>To weather</u>	<u>Formed</u> <u>Exposed</u> <u>To weather</u>	<u>Not-formed</u> <u>Cast on ground</u>
Footing		50	65
Slab	45	50	40

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Z:\JOBS\19\19372 - Byron Hospital\CIVIL\CAD\C3D\19372.Civil\drawing.15.02.23.dwg						Site address:	Project:					
						CNR WORDSWORTH AND SHIRLEY STREET	BYRON COMMUNITY HUB					





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