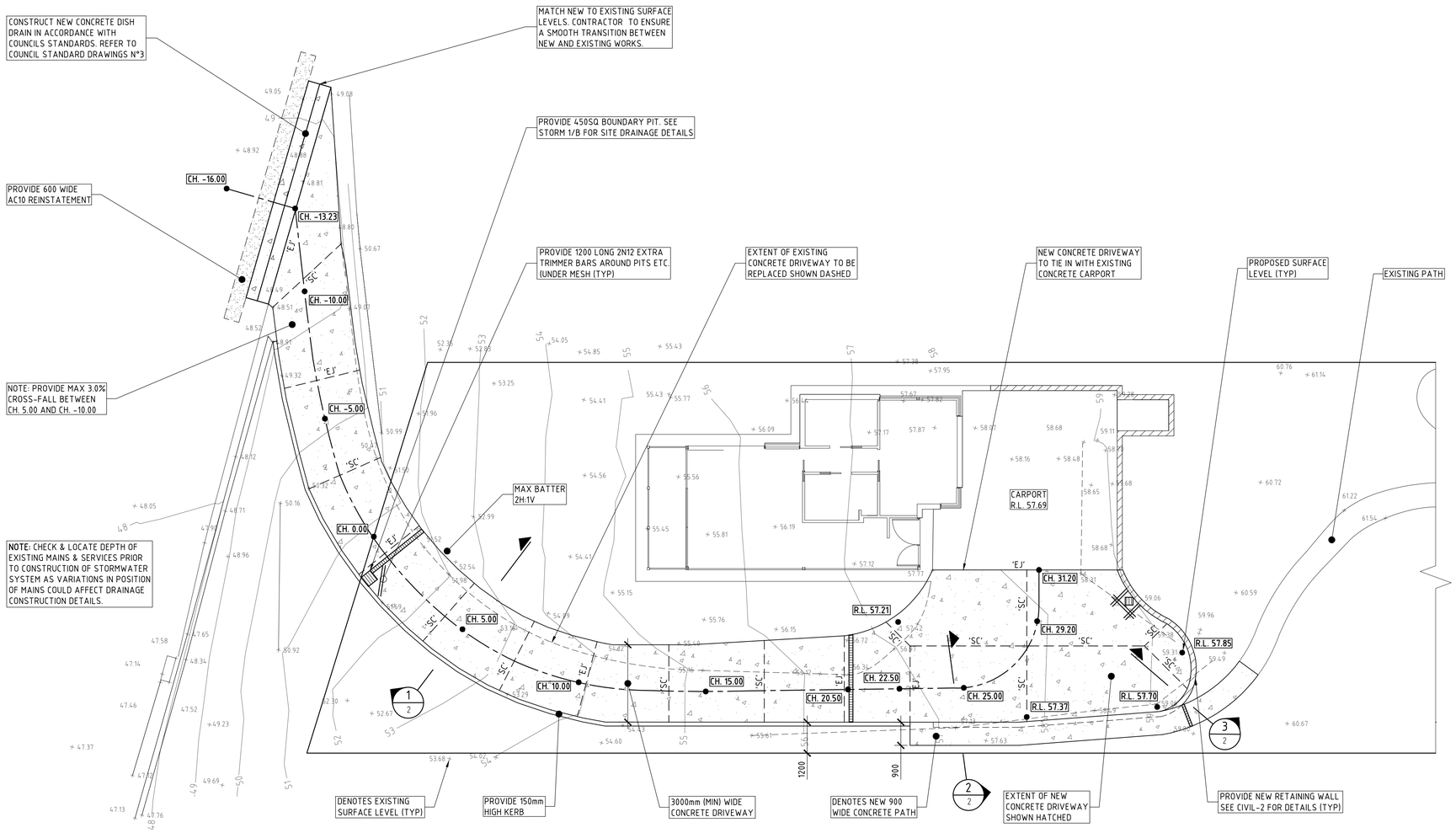


DRIVEWAY PLAN

SCALE 1:100

NOTES:

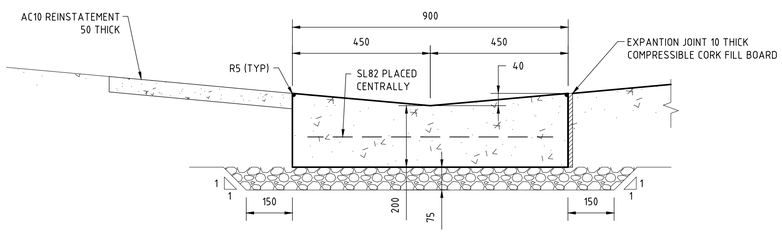
1. ROAD AND DRAINAGE WORKS TO BE IN ACCORDANCE WITH COUNCIL'S SPECIFICATION FOR ENGINEERING WORKS - AUS-SPEC#1 AND/OR COUNCIL'S MINOR WORKS SPECIFICATION.
2. VEHICLE CROSSING, ACCESS RAMPS AND GUTTER SHALL BE POURED IN PLAIN CONCRETE AND FINISHED WITH STEEL TROWEL. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 25MPA AT 28 DAYS
3. THE SUBGRADE SHALL BE THOROUGHLY COMPACTED BY THE USE OF VIBRATORY COMPACTION EQUIPMENT UNTIL IT SHOWS NO SIGNS OF MOVEMENT, OR AS DIRECTED BY COUNCIL OR THE SUPERVISING ENGINEER.
4. VEHICLE CROSSING TO BE CONSTRUCTED IN ACCORDANCE WITH APPROVED LEVELS AND SPECIFICATIONS ISSUED BY COUNCIL.
5. NEW KERB & GUTTERING TO BE CONSTRUCTED IN ACCORDANCE WITH COUNCIL SPECIFICATIONS.
6. REINSTATE AND MAKE GOOD ALL LAYBACKS, PATHS AND TURFED AREAS TO SATISFACTION OF SUPERVISING ENGINEER.
7. REGULAR COMPACTION TESTS ARE REQUIRED BY COUNCIL PRIOR TO ADDITION OF EACH LAYER OF SUB-BASE OR WEARING COURSE.
8. COUNCIL'S DEVELOPMENT ENGINEER IS TO BE GIVEN 48 HOURS NOTICE WHEN THE WORKS REACH THE FOLLOWING STAGES:

   (A) INSTALLATION OF SILT AND SEDIMENT CONTROL DEVICES.
   (B) SUBGRADE LEVEL / BASECOURSE LEVEL
   (C) PRIOR TO POURING OF STORMWATER GULLY PITS
   (D) PRIOR TO BACKFILLING OF PIPELINES
   (E) PRIOR TO POURING OF KERB & GUTTER
   (F) PRIOR TO POURING VEHICLE CROSSING
   (G) SEALING ROAD PAVEMENT

9. ALL STEEL ELEMENTS TO BE STAINLESS GRADE 316 OR EQUIVALENT (MARINE GRADE)
10. BENEATH ALL DRIVEWAY, KERB & GUTTER AREAS AND PRAM RAMPS PLACE & COMPACT DGB20 IN 150 LAYERS TO 98% STANDARD DENSITY AS NECESSARY

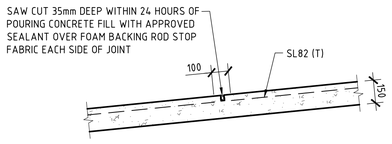
STANDARD VEHICLE CROSSING NOTES:

1. AT LEAST 48 HOURS NOTICE OF INTENTION TO PLACE CONCRETE ON THE ROAD RESERVE SHALL BE GIVEN TO THE DEVELOPMENT ENGINEER AND **NO CONCRETE SHALL BE PLACED UNTIL FORMWORK HAS BEEN APPROVED AND INSPECTION NOTICE ISSUED** (PHONE 1300 434 434 8.30 AM - 5.00 PM, MONDAY - FRIDAY)
2. ALL DISTURBED AREAS OF THE FOOTPATH ADJACENT THE VEHICLE CROSSING SHALL BE TURFED AND FINISHED LEVEL WITH THE CONCRETE SURFACE. RAISED EDGINGS ARE PROHIBITED.
3. CONCRETE FOOTPATH ADJUSTMENTS SHALL BE IN ACCORDANCE WITH COUNCIL'S FOOTPATH SPECIFICATION AND TO COUNCIL'S SATISFACTION.
4. THE SUBGRADE SHALL BE THOROUGHLY COMPACTED BY THE USE OF VIBRATORY COMPACTION EQUIPMENT UNTIL IT SHOWS NO SIGNS OF MOVEMENT, OR AS DIRECTED BY COUNCIL.
5. VEHICLE CROSSING SLABS SHALL BE POURED IN **PLAIN CONCRETE**. SLAB SURFACE TO BE BROOM FINISHED (OR EQUIVALENT) AND EDGES TO BE FINISHED WITH A 50mm MARGIN. ALL CHANGES IN GRADE SHALL BE SCREEDED TO ENSURE NO RIGID TRANSITIONS.
6. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 25 MPa AT 28 DAYS. MINIMUM CONCRETE DEPTH SHALL BE:
   a. SINGLE RESIDENTIAL DWELLING - 130mm REINFORCED WITH SL72 MESH PLACED 30mm BELOW TOP OF CONCRETE.
   b. MULTI-UNIT RESIDENTIAL - 150mm REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE.
   c. COMMERCIAL/INDUSTRIAL - 180mm REINFORCED WITH SL82 MESH PLACED 30mm BELOW TOP OF CONCRETE.
7. THE VEHICLE CROSSING TO 2400mm BEHIND THE GUTTER INVERT SHALL BE GRADED PARALLEL WITH THE ROAD CENTRE-LINE GRADING.
8. THE VEHICLE CROSSING SHALL BE CONSTRUCTED PERPENDICULAR TO THE ROAD PAVEMENT UNLESS DIRECTED BY COUNCIL.
9. THE CONSTRUCTION OF ALL VEHICULAR CROSSINGS AND ASSOCIATED WORKS ON THE ROAD RESERVE MUST BE COMPLETED BY A COUNCIL APPROVED CONCRETE CONTRACTOR.



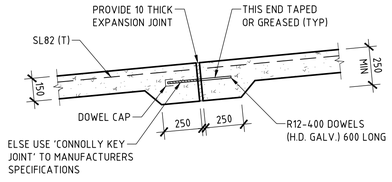
CONCRETE DISH DRAIN DETAIL

NOT TO SCALE



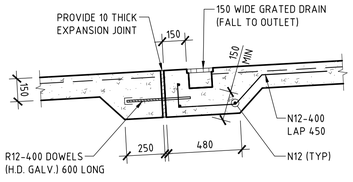
SAW CUT JOINT DETAIL ('SC' ON PLAN)

SCALE 1:20



EXPANSION JOINT DETAIL (E.J. ON PLAN)

SCALE 1:20



TYPICAL GRATED DRAIN DETAIL AT 'EJ'

SCALE 1:20
NOTE: FALL DRAIN TO P.V.C. OUTLET

ISSUE DATE	REVISION
30 JULY 2025	FOOTPATH UPDATED, DRIVEWAY AMENDED
14 AUGUST 2025	OFF FORM WALL REMOVED

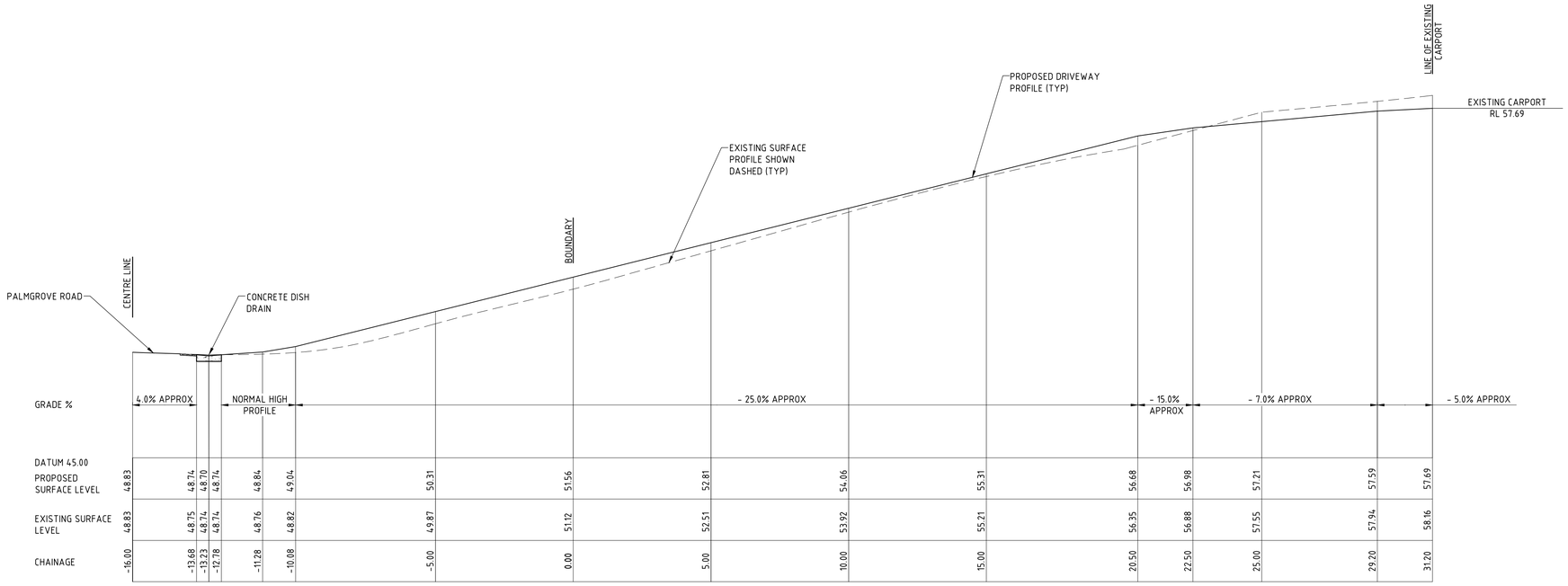
TITLE
DRIVEWAY PLAN
81 PALMGROVE ROAD, AVALON BEACH

DRAWN	DATE	CHECKED	SCALE @ A1
JBP	18 JULY 2025	BE Civil (Hons) MIE Aust.	1:100 1:20
ENGINEER DMS			

TAYLOR

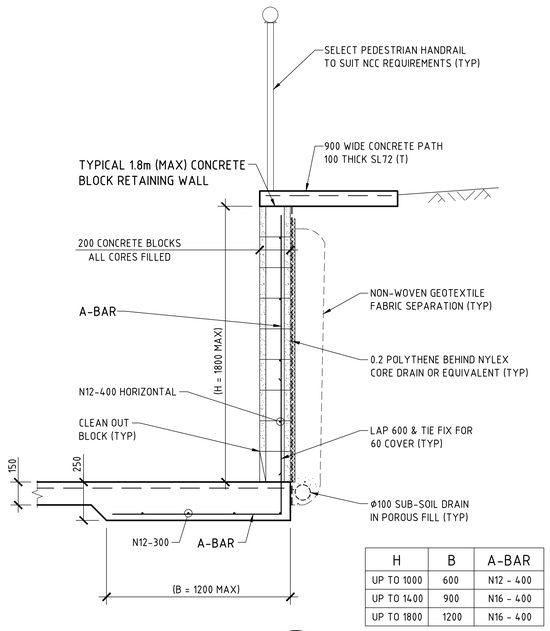
DRAWING NO. CIVIL-1/B

"Seascape" Suite 7 22-26 Fisher Rd Dee Why NSW 2099 | T 02 9982 7092 | F 02 9982 5898 | enquire@taylorconsulting.net.au | www.taylorconsulting.net.au



DRIVEWAY CENTRELINE LONG-SECTION

SCALE 1:100

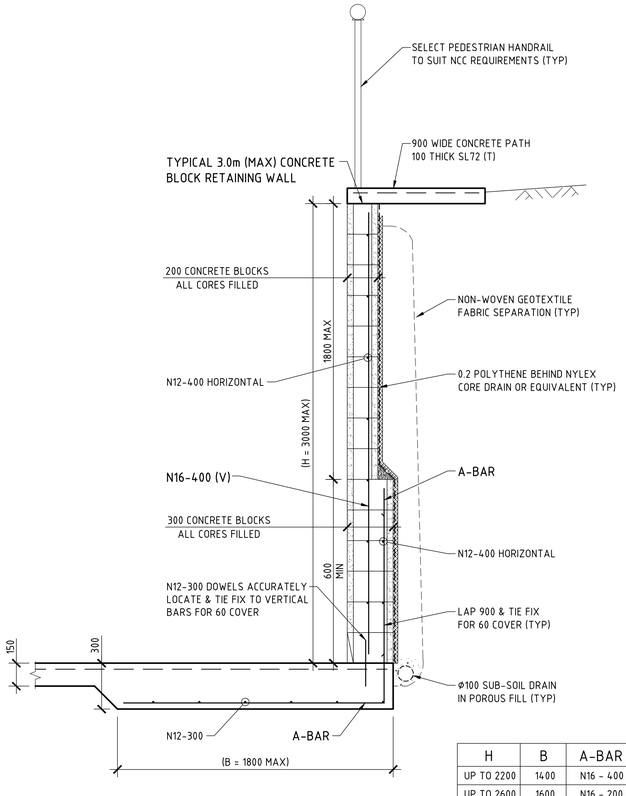


H	B	A-BAR
UP TO 1000	600	N12 - 400
UP TO 1400	900	N16 - 400
UP TO 1800	1200	N16 - 400

SECTION 2/1

SCALE 1:20

SHOWING TYPICAL 1.8m (MAX) CONCRETE BLOCK RETAINING WALL DETAIL

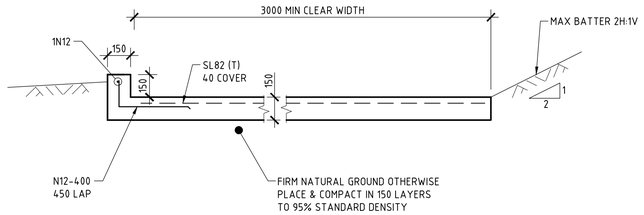


H	B	A-BAR
UP TO 2200	1400	N16 - 400
UP TO 2600	1600	N16 - 200 OR N20 - 400
UP TO 3000	1800	N20 - 200 OR N24 - 400

SECTION 3/1

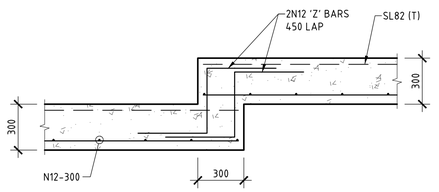
SCALE 1:20

SHOWING TYPICAL 3.0m (MAX) CONCRETE BLOCK RETAINING WALL DETAIL



SECTION 1/1

SCALE 1:20



TYPICAL FOOTING STEP DETAIL

SCALE 1:20

ISSUE DATE	REVISION
30 JULY 2025	SECTION 4 DELETED
14 AUGUST 2025	SECTION 1 AMENDED

TITLE

DRIVEWAY LONG-SECTION AND DETAILS 81 PALMGROVE ROAD, AVALON BEACH

DRAWN	DATE	CHECKED	SCALE @ A1
MDB	18 JULY 2025		1:100 1:20
ENGINEER DMS		BE Civil (Hons) MIE Aust.	

TAYLOR

DRAWING NO. CIVIL-2/B

Seascape Suite 7 22-26 Fisher Rd Dee Why NSW 2099 | T 02 9982 7092 | F 02 9982 5898 | enquire@taylorconsulting.net.au | www.taylorconsulting.net.au