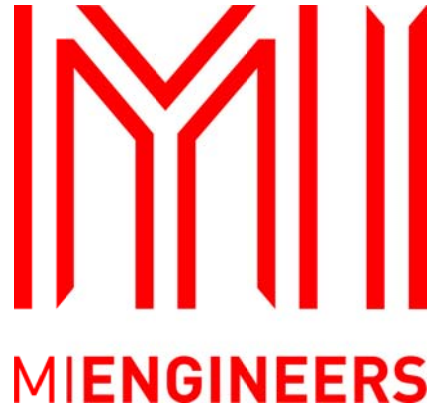


LAKE CONJOLA BOATING INFRASTRUCTURE

ANEY STREET

PREPARED BY



INDEX

DN160085/00 - COVER SHEET & NOTES

DN160085/01 - LAYOUT PLAN AND
LONGITUDINAL SECTION

DN160085/02 - DETAILS

CIVIL GENERAL NOTES:

1. THE NOTES CONTAINED ON THIS DRAWING ARE TYPICAL STANDARDS ONLY. ANY SPECIFIC DETAILS PROVIDED ELSEWHERE ARE TO TAKE PRECEDENCE.

2. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE RELATED SOIL EROSION CONTROL NOTES, RELATED ROAD AND DRAINAGE PLANS, SPECIFICATION AND STANDARD DRAWINGS AS APPLICABLE.

3. ALL WORK IS SUBJECT TO STATUTORY REQUIREMENTS, INCLUDING BUT NOT LIMITED TO OCCUPATIONAL HEALTH AND SAFETY REQUIREMENTS, & APPROPRIATE TRAFFIC CONTROL REQUIREMENTS.

4. THE CONTRACTOR IS TO ENSURE THE WORKS TO A MINIMUM OF THE VALUE OF THE CONTRACT SUM UNTIL PRACTICAL COMPLETION.

5. THE CONTRACTOR IS TO HAVE A CURRENT \$10 MILLION PUBLIC LIABILITY INSURANCE POLICY.

6. THE CONTRACT PERIOD IS (AS PER THE TENDER DOCUMENTATION) WEEKS, LIQUIDATED DAMAGES ARE (AS PER THE TENDER DOCUMENTATION) DAY. *

7. THE DEFECTS LIABILITY PERIOD IS (AS PER THE TENDER DOCUMENTATION) MONTHS.

8. A RETENTION OF (AS PER THE TENDER DOCUMENTATION)% FROM ALL PAYMENTS WILL BE HELD UNTIL THE END OF THE DEFECTS LIABILITY PERIOD.

9. THE CONTRACTOR IS TO PROVIDE ALL NECESSARY LABOUR, PLANT, MATERIALS AND ANYTHING ELSE REQUIRED TO COMPLETE THE INTENT OF THE DESIGN.

10. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SET OUT IN BOTH LINE AND LEVEL FOR THE WORKS IN ACCORDANCE WITH THE DESIGN.

11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE LOCATION OF EXISTING AND PROPOSED SERVICES AND TO ALLOW IN THE TENDERED PRICE TO ADJUST THESE AS REQUIRED TO PROVIDE FOR THE INTENT OF THE DESIGN.

12. THE CONTRACTOR IS TO ADJUST EXISTING AND NEW SERVICE PITS TO DESIGN LEVELS AS REQUIRED.

13. THE CONTRACTOR IS TO ALLOW FOR THE COST OF TESTING. ALL TESTING IS TO BE DONE BY A NATA REGISTERED LABORATORY, TEST RESULTS ARE TO BE SUBMITTED TO THE SUPERINTENDENT FOR APPROVAL PRIOR TO WORK PROCEEDING.

14. NO SOUND HEALTHY TREES SHALL BE CLEARED FROM ANY PROPOSED LOT WITHOUT OBTAINING THE WRITTEN APPROVAL OF THE COUNCIL.

15. THE CONTRACTOR SHALL AVOID UNWARRANTED DAMAGE TO ALL NATURAL FLORA ON SITE AND ON THE ADJACENT LAND.

16. THE CONTRACTOR SHALL ENSURE THAT THE ADJOINING PROPERTY OWNERS ARE NOT DEPRIVED OF ALL WEATHER ACCESS NOR ARE SUBJECT TO ADDITIONAL STORMWATER RUNOFF.

17. THE CONTRACTOR SHALL ENSURE THAT ALL EROSION AND SEDIMENTATION CONTROL STRUCTURES ARE IN PLACE PRIOR TO COMMENCING.

18. THE CONTRACTOR SHALL NOT ENTER UPON ADJOINING PROPERTY WITH THE PERMISSION OF THE OWNER/OCCUPIER.

19. THE SITE IS TO BE LEFT CLEAN AND TIDY, AND TO THE SATISFACTION OF THE CLIENT.

SOIL/WATER MANAGEMENT:

1. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AND STRUCTURES SHALL BE LOCATED AS SHOWN, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE GUIDELINES AND PRINCIPLES AS OUTLINED IN LANDCOM'S "SOILS AND CONSTRUCTION" VOLUME 1 (MANAGING URBAN STORMWATER 4TH EDITION, MARCH 2004), (MUS).

2. THE CONTRACTOR IS RESPONSIBLE FOR CARRYING OUT ALL EARTHWORKS, ROAD AND DRAINAGE CONSTRUCTION GENERALLY IN ACCORDANCE WITH MUS AND TO THE SATISFACTION OF COUNCIL, THE SOIL CONSERVATION SERVICE AND THE SUPERINTENDENT.

3. CONSTRUCTION SEQUENCE SHALL BE PLANNED SO THAT LAND DISTURBANCE IS CONFINED TO AREAS OF MANAGEABLE SIZE. STABILISATION MEASURES SHALL BE APPLIED TO THE FIRST DISTURBED SECTION PRIOR TO COMMENCING ON THE NEXT SECTION.

4. BEFORE STRIPPING TOPSOIL ALL AREAS TO BE EXPOSED SHALL BE CLEARED AND GRUBBED OF ALL EXCESSIVE VEGETATION.

5. TOPSOIL REQUIRED TO BE RESPREAD ON SITE SHALL BE STOCKPILED CLEAR OF HAZARDS SUCH AS DRAINAGE AREAS, REMAINING TOPSOIL SHALL BE REMOVED AND STOCKPILED WHERE AGREED. STOCKPILED TOPSOIL IS TO BE RE-SPREAD LATER ON AREAS TO BE REVEGETATED AND STABILISED ONLY (ie. ALL FOOTPATHS, BATTERS, DRAINAGE RESERVE AND CHANNELS). TOPSOIL SHALL NOT BE SPREAD ON ANY OTHER AREAS UNLESS SPECIFICALLY INSTRUCTED BY THE SUPERINTENDENT. STOCKPILES REMAINING LONGER THAN THREE MONTHS SHALL BE PROTECTED FROM EROSION BY COVERING WITH A MULCH AND HYDROSEEDING AND, IF NECESSARY, BY LOCATING BANKS OR DRAINS UPSLOPE TO DIVERT RUNOFF.

6. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT ETC BEFORE NO MORE THAN 60% OF THEIR CAPACITY IS LOST. ALL SILT REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT. CONTROL DEVICES SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS ARE REVEGETATED OR FURTHER AS MAY BE DIRECTED BY THE SUPERINTENDENT IN ACCORDANCE WITH THE CONTRACT.

7. CUT AND FILL BATTERS SHALL BE:
a. FORMED AT MAXIMUMS OF 2:1 IN CUT AND 4:1 IN FILL
b. TOPSOILED AS SOON AS PRACTICABLE AFTER FORMATION WITH A:
i. MINIMUM DEPTH OF 150mm AND MAXIMUM OF 250mm.
ii. SCARIFIED BEFORE TOPSOILING.
iii. SEEDED WITHIN 7 DAYS OF TOPSOILING WITH AN APPROVED MIX.
c. WHERE LENGTH OF CUT BATTER SLOPES EXCEED 3m THE BATTER SHALL BE PROTECTED BY EITHER A CUT-OFF DRAIN 150mm DEEP OR A SOIL CUT-OFF BANK 150mm HIGH LEADING TO A SEDIMENT TRAP SO AS TO CONTROL RUNOFF OVER BATTERS PRIOR TO THEIR REVEGETATION.

8. OUTLETS:
a. ALL WATER SHALL BE RELEASED IN A NON-SEDIMENT MANNER, GENERALLY IN ACCORDANCE WITH MUS.
b. ENERGY DISSIPATORS SHALL BE PROVIDED AS DIRECTED BY THE SUPERINTENDENT WHEN DISCHARGE FLOW VELOCITIES ARE NOT IN ACCORDANCE WITH MUS.
c. SHALL HAVE CAPACITY TO DISCHARGE THE 5 YEAR CRITICAL STORM EVENT WITHOUT CAUSING FAILURE OF THE STRUCTURE.
d. AGGREGATE FOR OUTLETS SHALL BE CRUSHED BASALT.

9. EARTH OR HAY BALE BANKS:
a. SHALL BE PROVIDED WHERE REQUIRED.
i. TO DIVERT SEDIMENT LADEN RUNOFF TO A SEDIMENT TRAP OR BASIN, OR
ii. INCORPORATED AS PART OF A BARRIER OR DAM USED TO INTERCEPT AND RETARD SEDIMENT LADEN RUNOFF.
b. FREEBOARD; BANKS SHALL HAVE FIXED 300mm FREEBOARD WHEN USED AS A DIVERSION BANK.

EXISTING SERVICES:

1. THE CONTRACTOR IS TO INFORM THEMSELVES OF ALL EXISTING SERVICES. ATTEND TO EXISTING SERVICES AS FOLLOWS:
(a) IF THE SERVICE(S) IS/ARE TO BE CONTINUED, REPAIR, DIRECT OR RELOCATE AS REQUIRED. IF SUCH A SERVICE(S) CROSSES THE LINE OF A TRENCH, OR WILL LOSE SUPPORT WHEN THE TRENCH IS EXCAVATED, PROVIDE PERMANENT SUPPORT FOR THE EXISTING SERVICES.
(b) IF THE SERVICE IS TO BE ABANDONED, CUT AND SEAL OR DISCONNECT, AND MAKE SAFE.

2. THE CONTRACTOR'S PRICE IS TO ALLOW FOR HAND EXCAVATION AND BACKFILL NEAR ALL EXISTING SERVICES OR IN AREAS WHERE THERE MAY BE EXISTING SERVICES.

3. THE COST OF ALL EXISTING SERVICES, AND THE TIME ASSOCIATED WITH THE WORK, IS TO BE INCLUDED IN THE TENDER.

4. THE PRINCIPAL AND THE DESIGN CONSULTANT WILL NOT BE RESPONSIBLE FOR DAMAGES TO EXISTING SERVICES. THE CONTRACTOR IS TO TAKE ALL ACTION NECESSARY TO AVOID DAMAGE TO EXISTING SERVICES.

CLEARING AND GRUBBING:

1. THE CONTRACTOR SHALL GIVE COUNCIL AT LEAST THREE FULL WORKING DAYS NOTICE OF INTENTION TO COMMENCE CLEARING OPERATIONS.

2. ONLY TREES IDENTIFIED TO BE REMOVED IN THE DEVELOPMENT CONSENT ARE TO BE FELLED OR DAMAGED IN ANY WAY. SURPLUS SOIL IS TO BE KEPT WELL CLEAR OF EXISTING TREE TRUNKS. CARE MUST BE TAKEN TO PROTECT THE ROOTS OF TREES TO BE RETAINED.

3. ALL MATERIAL CLEARED OR GRUBBED SHALL BE DISPOSED OF BY THE CONTRACTOR TO AN APPROVED SITE. THE CONTRACTOR SHALL PAY ALL FEES, BURNING IS NOT PERMISSIBLE.

4. ANY HOLES OR DEPRESSION CAUSED BY THE CLEARING OR GRUBBING WORK SHALL BE INSPECTED BY THE SUPERINTENDENT. HOLES ARE TO BE BACKFILLED WITH APPROVED MATERIAL, AND COMPACTED TO AT LEAST 98% OF STANDARD MAXIMUM DRY DENSITY.

PROTECTION OF THE ENVIRONMENT:

1. ALL WORK SHALL BE CARRIED OUT IN SUCH A MANNER AS TO AVOID NUISANCE AND/OR DAMAGE TO THE ENVIRONMENT. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE CONDITIONS OF APPROVAL IMPOSED BY THE MINISTER FOR LAND AND WATER CONSERVATION. THE RELEVANT LOCAL COUNCIL, THE ENVIRONMENTAL PROTECTION AUTHORITY, THE CLEAN WATERS ACT, THE CLEAN AIR ACT AND THE NOISE CONTROL ACT, THE CONTRACTOR IS TO ALLOW FOR THIS IN THEIR TENDER.

2. THE CONTRACTOR SHALL PLAN AND CARRY OUT THE WORKS TO AVOID EROSION, CONTAMINATION AND SEDIMENTATION OF THE SITE AND ITS SURROUNDINGS.

3. HERBICIDES AND OTHER TOXIC CHEMICALS SHALL NOT BE USED ON THE SITE WITHOUT THE PRIOR WRITTEN APPROVAL OF THE SUPERINTENDENT.

4. NO NOISE, SMOKE, OR OTHER NUISANCE WHICH IN THE OPINION OF THE SUPERINTENDENT IS UNNECESSARY OR EXCESSIVE SHALL BE PERMITTED BY THE CONTRACTOR IN THE PERFORMANCE OF THE WORKS UNDER THIS CONTRACT. SHOULD WORK OUTSIDE CUSTOMARY WORKING HOURS BE APPROVED, THE CONTRACTOR SHALL NOT USE, DURING SUCH PERIOD, ANY PLANT, MACHINERY OR EQUIPMENT WHICH IN THE OPINION OF THE SUPERINTENDENT IS CAUSING OR LIKELY TO CAUSE A NUISANCE TO THE PUBLIC. NO NOISY WORKS AND/OR WORKS LIKELY TO DISTURB NEARBY RESIDENTS SHALL BE UNDERTAKEN DURING THE HOURS PRECLUDING SUCH ACTIVITY AS SPECIFIED BY COUNCIL IN ACCORDANCE WITH THE REQUIREMENTS FOR DEVELOPMENT CONSENT AND BUILDING APPROVAL MADE UNDER THE LOCAL GOVERNMENT ACT AND THE NOISE CONTROL ACT.

5. THE CONTRACTOR SHALL ENSURE THAT FUGITIVE DUST FROM DISTURBED AREAS IS MINIMISED BY A METHOD APPROVED BY THE SUPERINTENDENT.

WORKING AREA:

1. THE PRINCIPLE WILL NOT BE RESPONSIBLE FOR THE SAFE KEEPING OF ANY OF THE CONTRACTOR'S PLANT, EQUIPMENT, TOOLS, MATERIALS OR OTHER PROPERTY. THE CONTRACTOR MAY PROVIDE, AT THEIR OWN COST, ANY SECURITY FENCING CONSIDERED NECESSARY AROUND THE SITE OFFICE, WORKSHOPS OR STORAGE AREAS, SUBJECT TO THE SUPERINTENDENT'S PRIOR APPROVAL.

2. IF EXISTING FENCING IS CUT OR ALTERED BY THE CONTRACTOR, IT SHALL PROVIDE AND MAINTAIN TEMPORARY FENCING TO THE SATISFACTION OF THE SUPERINTENDENT DURING THE CONTRACT TO PREVENT UNAUTHORISED ENTRY INTO THE PROPERTY, AND SHALL REINSTATE THE FENCING AND REMOVE TEMPORARY FENCING ON COMPLETION OF THE WORK.

STRUCTURAL GENERAL NOTES

1. MAXIMUM DEPTH OF FILL (OTHER THAN BELOW) SHALL BE 400mm DEEP AND WELL COMPACTED IN 150mm LAYERS (AFTER COMPACTION) BY A MECHANICAL ROLLER. THIS FILL SHALL BE MOIST DURING COMPACTION. OR APPROVED SOUND GRANULAR FILL (FREE OF MATERIAL THAT WOULD PRECLUDE COMPACTION) SHALL BE PLACED TO A MAXIMUM DEPTH OF 800mm. FILL IS TO BE PLACED IN 200mm LAYERS (AFTER COMPACTION) BY A VIBRATING PLATE OR VIBRATING ROLLER. WHERE DEPTH OF FILL EXCEEDS 800mm CONTROLLED FILL SHALL BE PLACED IN ACCORDANCE WITH AS3798 AND CERTIFIED BY A SUITABLY QUALIFIED GEOTECHNICAL ENGINEER. IF SOFT SPOTS ARE ENCOUNTERED THEN ALL SOFT MATERIAL IS TO BE REMOVED AND THEN BACKFILLED WITH A SUITABLE MATERIAL COMPACTED AS SPECIFIED ABOVE.

2. ALL EDGE BEAMS AND BEAMS SUPPORTING BRICK OR LOAD BEARING WALLS SHALL BE FOUNDED ON FIRM NATURAL MATERIAL WITH AT LEAST 100kPa BEARING CAPACITY TO THE ENGINEERS APPROVAL, OR ARE TO BE SUPPORTED ON PIERS AS DETAILED.

3. THE ENGINEER SHALL VIEW AND APPROVE ALL CONCRETE WORK PRIOR TO THE POURING OF ANY CONCRETE.

4. THE INFORMATION CONTAINED ON THESE DRAWINGS IS FOR STRUCTURAL PURPOSES ONLY. IN ALL OTHER MATTERS, THE APPROVED ARCHITECTURAL DRAWING SHALL TAKE PRECEDENCE. ALL DISCREPANCIES SHALL BE REFERRED TO THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.

5. ALL CONCRETE SHALL BE COMPACTED ADEQUATELY IN ACCORDANCE WITH AS3600 BY THE USE OF A MECHANICAL VIBRATOR.

6. ALL CONCRETE SHALL BE CURED FOR A PERIOD OF AT LEAST 7 DAYS IN ACCORDANCE WITH AS3600.

7. DURING CONSTRUCTION, THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED. THE DESIGN INSTALLATION AND MAINTENANCE OF ALL TEMPORARY PROPPING, BRACING AND SHORING SHALL BE PROVIDED BY THE CONTRACTOR TO KEEP THE WORKS AND EXCAVATIONS STABLE AT ALL TIMES. THE COST OF ALL SUCH WORK SHALL BE DEEMED TO BE INCLUDED IN THE CONTRACTORS TENDER.

8. ALL WORKS CONDUCTED SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE RELEVANT AUSTRALIAN STANDARDS (INCLUDING ALL AMENDMENTS).

9. WHERE ROCK IS ENCOUNTERED THE REMAINDER OF THE FOOTING SYSTEM SHALL BE FOUNDED ON ROCK AS APPROVED BY THE ENGINEER.

10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CHECK THE LOCATION OF ALL EXISTING AND PROPOSED SERVICES PRIOR TO START OF CONSTRUCTION AND TO ALLOW TO ADJUST THESE AS REQUIRED TO PROVIDE FOR THE INTENT OF THE DESIGN.

SLAB NOTES:

1. SLAB ON GROUND IS TO BE 110mm THICK WITH A CONCRETE STRENGTH OF F'c = 50 MPa (U.N.O.)

2. SLAB TO BE REINFORCED WITH SL82 MESH TOP THROUGHOUT (U.N.O) REFER TO PLAN AND SECTIONS FOR EXTRA REINFORCEMENT

3. SLAB TO BE LAID ON 0.2mm HIGH IMPACT RESISTANT CONTINUOUSLY BRANDED DAMP PROOFING MEMBRANE AND ITS INSTALLATION SHALL BE IN ACCORDANCE WITH THE REQUIREMENT OF AS2870 AND THE BUILDING CODE OF AUSTRALIA.

4. ALL SLAB FINISHES ARE TO BE CONSTRUCTED WITH JOINTS CORRESPONDING TO ANY TYPE OF SLAB JOINT OR SAW CUT JOINT IN THE SLAB.

SOFT SPOT NOTES

1. ALL SOFT SPOTS SHALL HAVE ALL LOOSE MATERIAL REMOVED AND SHALL BE BACK FILLED WITH SUITABLE MATERIAL AND COMPACTED AS INDICATED IN NOTE 1 OF GENERAL NOTES.

STRIP FOOTING NOTES:

1. ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH THE CURRENT EDITION OF AS3600.

2. ALL STRIP FOOTINGS SHALL BE FOUNDED ON FIRM NATURAL MATERIAL WITH AT LEAST 100kPa BEARING CAPACITY TO THE ENGINEERS APPROVAL, OR ARE TO BE SUPPORTED ON PIERS AS DETAILED.

3. WHERE STRIP FOOTINGS DO NOT BEAR DIRECTLY ON FIRM NATURAL MATERIAL OF 100kPa BEARING CAPACITY OR BEAR UPON FILL 400mm DEEP OR GREATER, THEN PIERS SHALL BE CONSTRUCTED AS SHOWN ON THE PLAN (OR AS DETERMINED NECESSARY BY THE ENGINEER AT THE TIME OF THE VIEWING).

4. THE ENGINEER SHALL VIEW AND APPROVE ALL WORK PRIOR TO POURING CONCRETE.

CONCRETE NOTES

1. ALL WORKMANSHIP AND MATERIALS SHALL COMPLY WITH THE CURRENT EDITION OF AS3600 AND AS2870 FOR RESIDENTIAL CONSTRUCTION.

2. CONCRETE STRENGTH SHALL BE AS FOLLOWS U.N.O.:

ELEMENT	SLAB ON GROUND (EXTERNAL)
STRENGTH	50MPa
SLUMP	75mm
MAX. AGG. SIZE	20mm

3. CLEAR CONCRETE COVER TO REINFORCEMENT SHALL BE AS FOLLOWS U.N.O.:

ELEMENT	TOP	BOTTOM	SIDE
SLAB ON GROUND (EXTERNAL)	45	30	30
FOOTINGS	50	50	50

4. THE SIZES OF THE CONCRETE ELEMENTS DO NOT INCLUDE THICKNESSES OF ANY APPLIED FINISHES.

5. ALL CONCRETE SHALL BE COMPACTED ADEQUATELY IN ACCORDANCE WITH AS3600 BY THE USE OF A MECHANICAL VIBRATOR.

6. ALL CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600.

7. BRICKWORK SHALL BE ARTICULATED CORRESPONDING TO THE LOCATIONS OF ANY KEVD JOINTS. REFER TO TECHNICAL NOTE 61 IN THE SPECIFICATION FOR DETAILS.

8. REINFORCEMENT SYMBOLS:
N - DENOTES GRADE 500 DEFORMED BARS TO AS4671
R - DENOTES GRADE 250 N PLAIN BARS TO AS4671
SL - DENOTES WELDED GRADE 500 REINFORCING FABRIC TO AS4671

9. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.

10. SPLICES IN REINFORCEMENT SHALL BE MADE ONLY IN POSITIONS SHOWN OR OTHERWISE APPROVED IN WRITING BY THE ENGINEER. LAPS SHALL BE IN ACCORDANCE WITH AS3600 AND NOT LESS THAN THE DEVELOPMENT LENGTH FOR EACH BAR.

REVISION	AMENDMENTS	DATE	APP'D	CLIENT:	ARCHITECT:	PROJECT :	DESIGNED:	DRAWN:	APPROVED:
A	ISSUE FOR REVIEW	02/09/16	G.S			LAKE CONJOLA BOATING INFRASTRUCTURE	T.S	A.J	G.S
B	ISSUE FOR REVIEW - ROCK RETVEMENT REMOVED	08/09/16	G.S			ANEY STREET			
							SHEET SIZE:	SCALE:	DATE:
							A3	-	08/09/16
						DRAWING NAME:	DRAWING NUMBER:	REVISION:	
						COVER SHEET	DN160085/00	B	



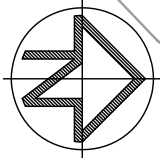
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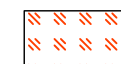
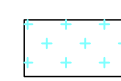
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DO NOT SCALE

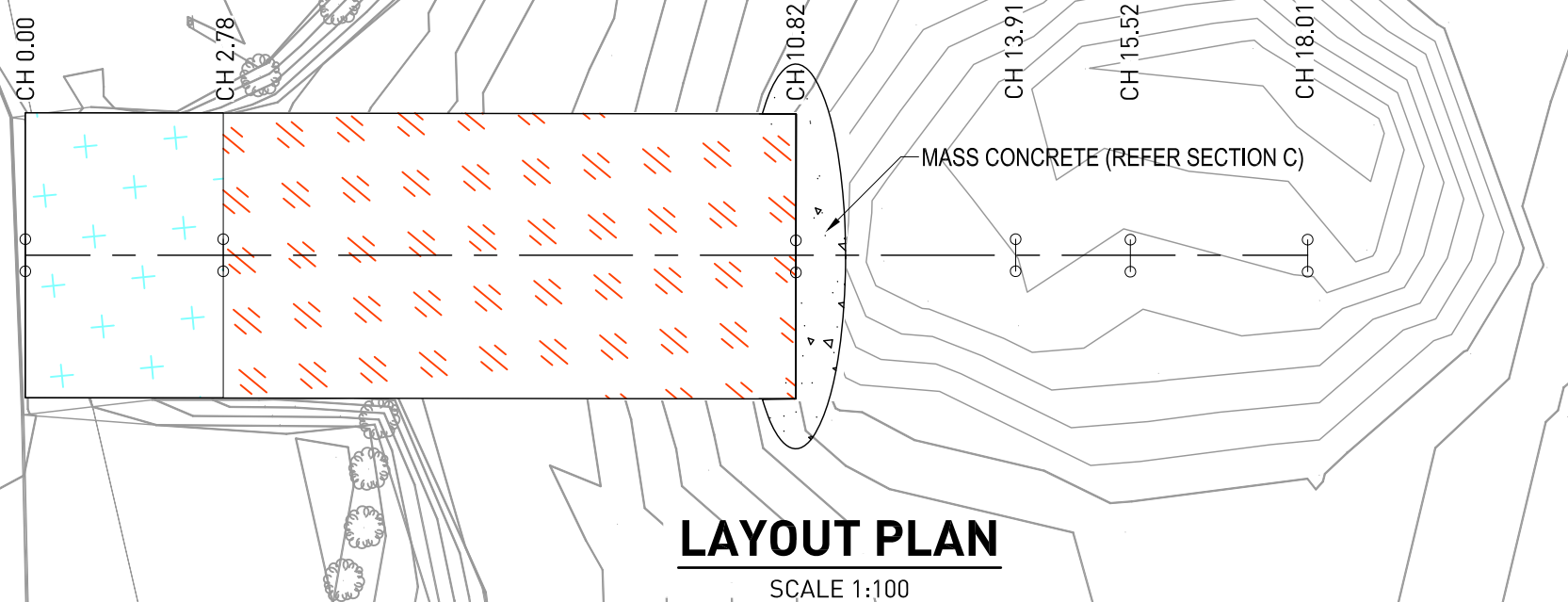


NOTE: REFER TO DN160085/00 FOR CONSTRUCTION NOTES

LEGEND:

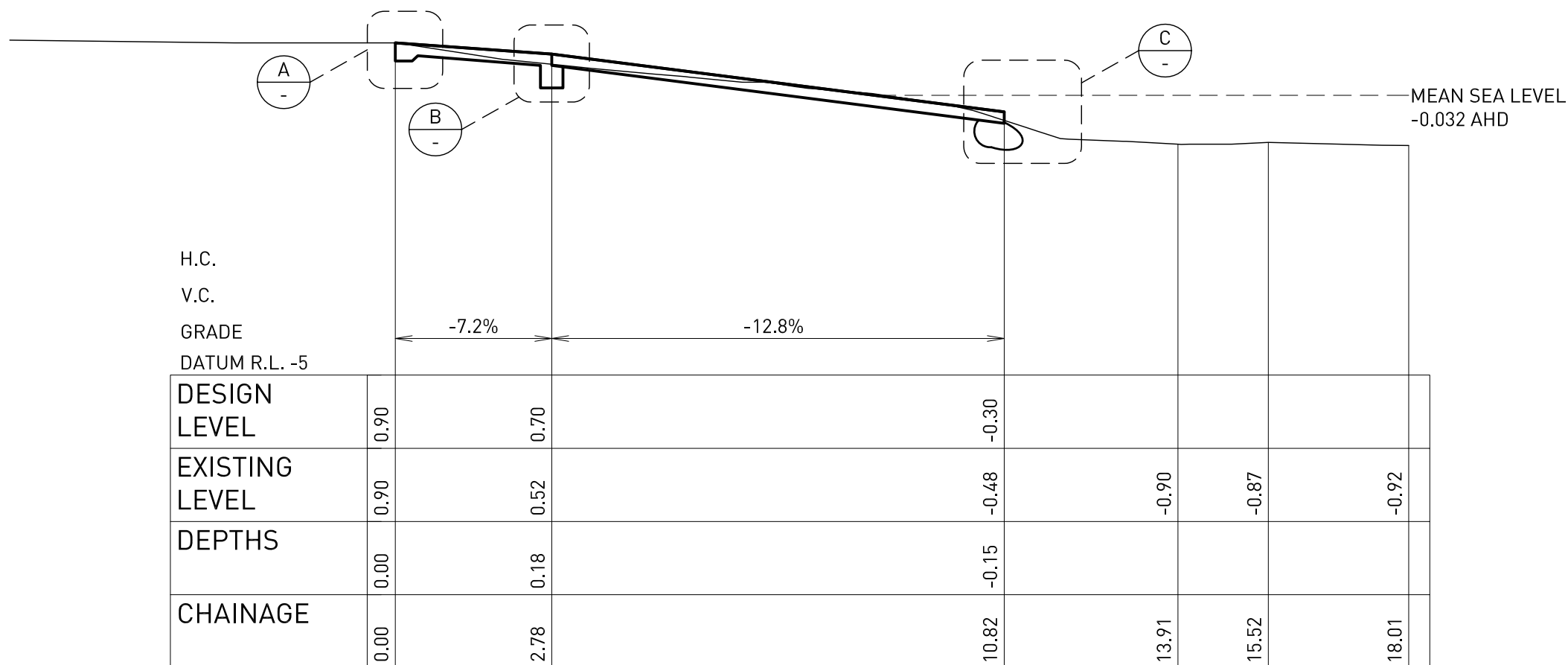
-  PROPOSED PRECAST CONCRETE BOAT RAMP
-  PROPOSED CONCRETE OR FLEXIBLE PAVEMENT (TBC)

EXISTING PAVEMENT
(PARKING & ACCESS)



LAYOUT PLAN

SCALE 1:100



LONGITUDINAL SECTION

HORIZONTAL SCALE 1:100

VERTICAL SCALE 1:100

REVISION	AMENDMENTS	DATE	APP'D	CLIENT:	ARCHITECT:	PROJECT:	DESIGNED:	DRAWN:	APPROVED:
A	ISSUE FOR REVIEW	02/09/16	G.S			LAKE CONJOLA BOATING INFRASTRUCTURE ANEY STREET	T.S	A.J	G.S
B	ISSUE FOR REVIEW - ROCK REVETMENT REMOVED	08/09/16	G.S				SHEET SIZE:	SCALE:	DATE:
						A3	AS NOTED	08/09/16	
						DRAWING NAME:	DRAWING NUMBER:	REVISION:	
						LAYOUT PLAN AND LONGITUDINAL SECTION	DN160085/01	B	



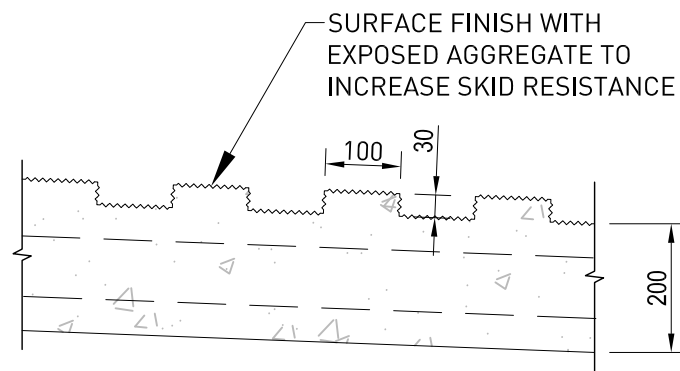
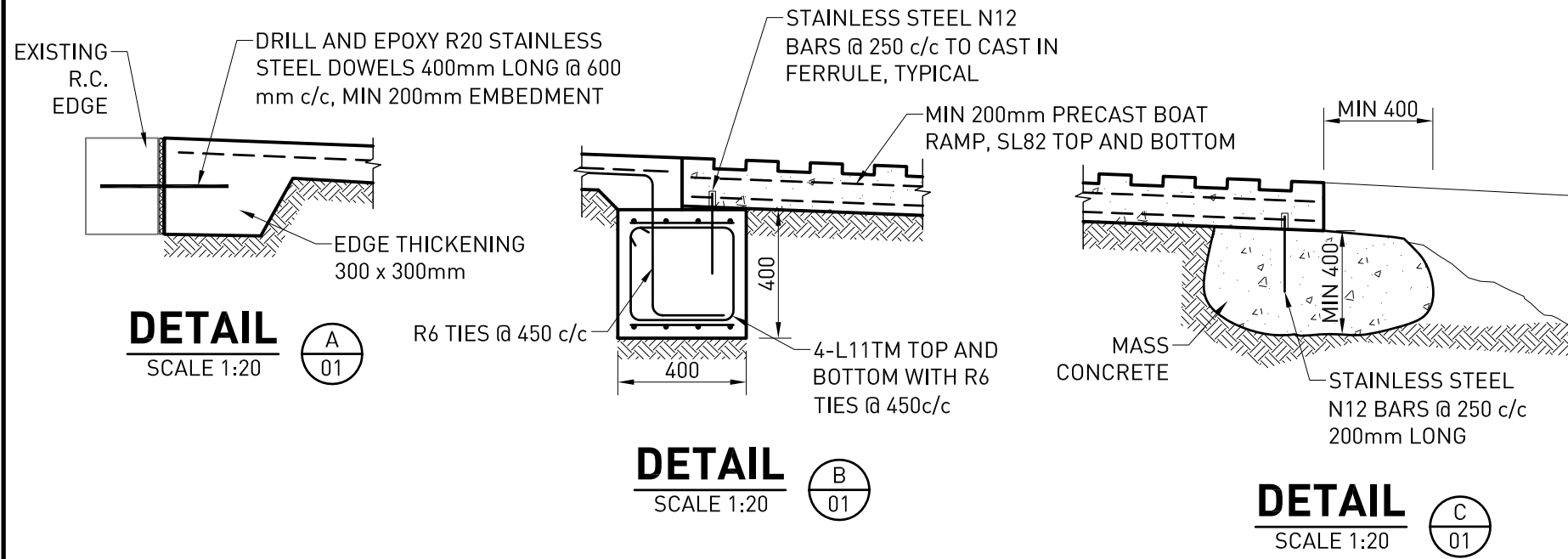
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NOTE: REFER TO DN160085/01 FOR CONSTRUCTION NOTES



PRECAST SURFACE FINISH
SCALE 1:10

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