GENERAL

THROUGHOUT THIS DOCUMENT, THE CONTRACTOR IS EXPECTED TO COMPLY WITH THE CURRENTLY APPLICABLE BUILDING CODES, LOCAL REGULATIONS, AND ANY ADDITIONAL REQUIREMENTS SPECIFIED IN THE DOCUMENTATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION AND TESTING OF THE SYSTEMS ACCORDING TO THE REQUIREMENTS SET OUT IN THE DOCUMENTATION. ALL WORK PERFORMED BY THE CONTRACTOR MUST MEET THE STANDARDS AND REQUIREMENTS SPECIFIED IN THE DRAWINGS AND SPECIFICATIONS.

13. PRELIMINARY ISSUE FOR REVIEW

13.1 MESH AND BARRIERS TO ALL OPENINGS AND ELEVATED EDGES.

13.2 HAVE TESTING PERFORMED BY AN INDEPENDENT NATA (NATIONAL ASSOCIATION OF TESTING AUTHORITIES) ACCREDITED LABORATORY.

13.3 DETAILS OF ALL FIXTURES, INSERTS, SLEEVES, RECESSES OR OPENINGS etc REQUIRED.

13.4 HAVE SURVEY AND SETTING OUT UNDERTAKEN BY A REGISTERED SURVEYOR.

13.5 REQUIREMENTS AND RECOMMENDATIONS.

13.6 (CEMP).

13.7 CARRY OUT WORK IN A SAFE MANNER IN ACCORDANCE WITH APPLICABLE LEGISLATION, STATUTORY REGULATIONS, BY-LAWS, AND ANY OTHER REGULATIONS APPLICABLE TO THE WORK.

13.8 THE WORKS WHERE IT MAY BE NECESSARY TO PROVIDE A WORKING BUFFER BETWEEN ANY WATER IN THE BASIN AND THE TREATED TIMBER etc) BY CONCEALED LAYERS OF SUITABLE INERT MATERIALS OF SUITABLE THICKNESSES. USE PLASTIC TARP

13.9 INSPECTION AND TESTING OF EACH EARTHFILL LAYER PRIOR TO PLACING ANY SUBSEQUENT LAYER.

13.10 TOLERANCES

13.11-9:52 AM

13.12 DRAWN

13.13 MANAGER

13.14

13.15 TOLERANCES

13.16 INFRASTRUCTURE DESIGN MANUAL.

13.17 RISKS PERTAINING TO CONSTRUCTION, OPERATION, MAINTENANCE AND DEMOLITION PHASES OF THE ASSET. INCLUSION (OR PROVISION AND MAINTENANCE OF ALL NECESSARY DIVERSION FLUMES, DRAINS, PUMPS, COFFERDAMS, BANKS OR OTHER SYSTEMS, ACCESS STAIRS, etc AS EARLY AS POSSIBLE.

13.18 ACCOUNT FOR ALL CONSTRUCTION, OPERATION, MAINTENANCE AND DEMOLITION SAFETY RISKS. BASED ON INFORMATION ACQUIRED DURING THE DESIGN STAGE, THE CONTRACTOR SHALL IDENTIFY AND EVALUATE POTENTIAL RISKS AND DETERMINE APPROPRIATE CONTROL MEASURES TO MINIMIZE THE RISKS.

13.19 LIFTS SHALL NOT VARY IN THICKNESS BY MORE THAN 10% OF THE LIFT HEIGHT.

13.20 MINIMUM DEPTH OF 1 m BELOW THE EXISTING SURFACE.

13.21 THE VERTICAL THICKNESS SHALL NOT BE LESS THAN SHOWN ON THE DRAWINGS AND NOT MORE THAN 100 mm. INDIVIDUAL COFFERDAMS OR OTHER PROVISIONS TO BE MADE TO AVOID COMPRESSION CAUSED BY FOUNDATION MOVEMENTS.

13.22 ABRUPT CHANGES WILL NOT BE PERMITTED IN THE DIVISION LINES BETWEEN ZONES. THE MAXIMUM OFFSET OF THE DIVISION LINES BETWEEN ZONES SHALL NOT BE GREATER THAN 100 mm.

13.23 INSPECTION OF THE SURFACE MAY INCLUDE PROOF-ROLLING THE SURFACE AS DESCRIBED IN CLAUSES 130 TO 135. FURTHER CONSTRUCTION JOINTS.

13.24 CONSTRUCT EACH PART OF THE WORKS, SHALL ENSURE THE STABILITY OF EXCAVATIONS DURING CONSTRUCTION, AND WORK IN A SAFE MANNER.

13.25 STRIP THE TOPSOIL TO A DEPTH JUST SUFFICIENT TO INCLUDE THE ROOT ZONE OR DEEPER AS DIRECTED BY THE ENGINEERING PROJECTS OFFICER.

13.26 WHERE THE SUBGRADE IS UNABLE TO SUPPORT CONSTRUCTION EQUIPMENT, OR IT IS NOT POSSIBLE TO COMPACT THE FILL, FOUNDATIONS OR WITH COMPACTING OF THE FILL.

13.27 THE MOISTURE CONTENT OF FILL MATERIALS SHALL BE MAINTAINED TO ATTAIN REQUIRED COMPACTION DENSITY, AND THE PROPERTIES OF THE MATERIAL WHEN COMPACTED IN PLACE SHALL BE AS FOLLOWS:

13.28 MATERIALS UNSUITABLE FOR USE IN THE WORKS OR IN THE EXPOSED FOUNDATIONS, INCLUDE THOSE MATERIALS SPECIFIED IN THE DRAWINGS.

13.29 PIPELINE.

13.30 OTHER WORKS AS CONSIDERED NECESSARY.

13.31 THE LAYER IN WHICH IT IS TO BE PLACED.

13.32 ALL SECTIONS OF THE WORK SHALL BE CARRIED OUT IN A CAREFUL, SECURE AND SAFE MANNER WITH DUE PRECAUTIONS TAKEN TO AVOID ACCIDENTS. SUPPORT OF EXCAVATIONS (INCLUDING TIMBERING, SHORING, PROPPING AND THE LIKE), IF REQUIRED, MUST BE PROVIDED TO ENSURE THE SAFETY OF PERSONNEL OR PROPEPERTY.

13.33 MATERIALS SHALL BE STORED AS FOLLOWS:

13.34 AVOID ANY MATERIALS LIKELY TO SUPPORT THE EXCAVATIONS SHALL BE SURVEYED AND THE LONG TERM PERFORMANCE OF THE WORKS.

13.35 USE MATERIALS OR SPECIES AS DESCRIBED IN THE DRAWINGS.

13.36 ANY MATERIALS LIKELY TO SUPPORT THE EXCAVATIONS SHALL BE SURVEYED AND THE LONG TERM PERFORMANCE OF THE WORKS.

13.37 THE CONTRACTOR SHALL ENSURE THAT THE WORK IS CONCEALED TO THE EYE FROM ANY OTHER SNOW OR HIGHWAY ACCESS ENTRANCE.

WORKS, KEEP THE EXCAVATIONS FREE FROM WATER WHILE THE WORKS ARE IN PROGRESS, AND PREVENT ANY DAMAGE TO THE SURROUNDING AREAS.

THE CONTRACTOR MAY CONTRACT TO CONSTRUCT SMALL EARTHWORKS SUCH AS THE CUT AND COVER FOR THE EMBANKMENT. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A TEMPORARY BUFFER BETWEEN THE WORK AND THE AREAS OF THE WORKS.
TWO OR MORE TESTS
ANY TESTS FAIL BY 1%
TWO OR MORE TESTS
ONE TEST OF THREE

IN SITU DENSITY SHALL BE MEASURED BY ONE OF:
PLACING THE NEXT LAYER OF MATERIAL.

DENSITY MEETS THE CRITERION THAT THE HILF DENSITY RATIO IS IN EXCESS OF 98% WHEN TESTED IN ACCORDANCE WITH AS1141.25.3
LAYER, DURING AND AFTER COMPACTION, WITHIN THE RANGE OF OPTIMUM MOISTURE CONTENT TO PLUS 3% (WET OF OMC)
MORE ADDITIONAL LOTS.

PLACEMENT OF THE OVERLYING LAYER HAS BEEN COMPLETED.
PLANT, SHALL NOT BE PERMITTED TO TRAVEL ON THE PREPARED AND SCARIFIED SURFACE OF THE FILL LAYER BEFORE CONDITIONING OF COMPACTED EARTHFILL ON THE EMBANKMENT BY THE ADDITION OF WATER, OTHER THAN TO REPLACE REFUSE, TREE ROOTS LARGER THAN 20 mm IN DIAMETER AND 300 mm IN LENGTH, NOXIOUS WEEDS, CLAY LUMPS AND STONES TO THE EMBANKMENT.
THE SURFACE OF ANY LAYER OF FILL MATERIAL SHALL BE WORKED WITH EXCAVATOR TYNES, A PADFOOT ROLLER OR SIMILAR EQUIPMENT UNTIL A LAYER DEEP IS ATTAINED.
THE CONSTRUCTION OF THE LAYER, WHICH WILL ALLOW UNIFORM SPREADING.
TOPSOIL SHALL NOT BE PLACED WHEN WET.
THE WORKS. THE TOPSOIL SHALL BE PLACED AT A MOISTURE CONTENT WHICH WILL ALLOW UNIFORM SPREADING.
Topsoil shall not be placed on alluvial deposits. Alluvial deposits include deposits arising from stream or river action and their deposits containing large quantities of organic matter.

THE CONSTRUCTION OF THE TOPSOIL DURING STOCKPILING SHALL BE AVOIDED.

SOW THE PREPARED TOPSOIL WITH GRASS TO THE SATISFACTION OF THE ENGINEERING PROJECTS OFFICER IN ACCORDANCE WITH THE SPECIFICATIONS FOR SOILS, SEEDS AND SEEDING.

COMPACTED EARTHFILL SHALL BE COMPACTED WITH APPROVED TAMPING FOOT VIBRATING ROLLERS UNTIL THE FIELD DENSITY MEETS THE CRITERION THAT THE HILF DENSITY RATIO IS IN EXCESS OF 98% WHEN TESTED IN ACCORDANCE WITH AS1141.25.3
THE CONSTRUCTION OF EARTHFILL SHALL NOT BE ALLOWED TO BEGIN UNTIL A PERMIT IS OBTAINED FROM THE ENGINEERING PROJECTS OFFICER.
THE PREMISE OF THE EMBANKMENT BY THE ADDITION OF WATER, OTHER THAN TO REPLACE REFUSE, TREE ROOTS LARGER THAN 20 mm IN DIAMETER AND 300 mm IN LENGTH, NOXIOUS WEEDS, CLAY LUMPS AND STONES TO THE EMBANKMENT.
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Warning

Beware of Asbestos

Some underground services may be constructed from asbestos containing material. Contact the superintendent for instructions on how to manage any potential asbestos hazard.

Note

Time: Extopofbank 26mar 2019
Level changes in 2020

Do not scale

Preceding Drawing: C002

This drawing must not be used for construction unless signed as Approved by the Project Director.

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GENERAL NOTES
1. ALL WORKSHOPS, PROJECTS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE BCA CODES AND THE BY LAWS AND ORDINANCES OF THE RELEVANT BUILDING AUTHORITIES.

CONCRETE
1. ALL WORKSHOPS, PROJECTS AND MATERIALS SHALL BE IN ACCORDANCE WITH AS 3600.

PRELIMINARY ISSUE FOR REVIEW
PRELIMINARY ISSUE FOR REVIEW
Revision
Engineer shall be obtained for any other splices. Where the lap length is not shown it shall be
reinforcement is represented diagramatically. It is not necessarily shown in true projection.
members without the prior approval of the engineer.
No holes or chases other than those shown on the structural drawings shall be made in concrete
during construction the structure shall remain in a stable condition and no part shall be
dimensions shall not be obtained by scaling the structural drawings.
Sufficient to develop the full strength of the reinforcement.
splices in reinforcement shall be made only in the positions shown. The written approval of the
construction joints where not shown shall be located to the approval of the engineer.
Clear concrete cover to reinforcement shall be as follows unless otherwise shown:
Ductility Class L to AS4671.
DENOTES STRUCTURAL GRADE 250 PLAIN ROUND BAR TO AS4671.
DENOTES HOT ROLLED GRADE 500 DEFORMED (RIBBED) BAR DUCTILITY CLASS N TO AS4671.
DENOTES HOT ROLLED GRADE 500 DEFORMED BAR DUCTILITY CLASS L TO AS4671.
DENOTES HARD DRAWN WIRE GRADE 500 RECTANGULAR REINFORCING MESH DUCTILITY CLASS L TO AS4671.
DENOTES GRADE 500 STEEL REINFORCING WIRE TO AS4671.

SOUTHERN GIPPSLAND SHIRE COUNCIL
WALKERVILLE BASIN UPGRADE WORKS
STRUCTURAL NOTES, PLAN & SECTIONS

DO NOT SCALE

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