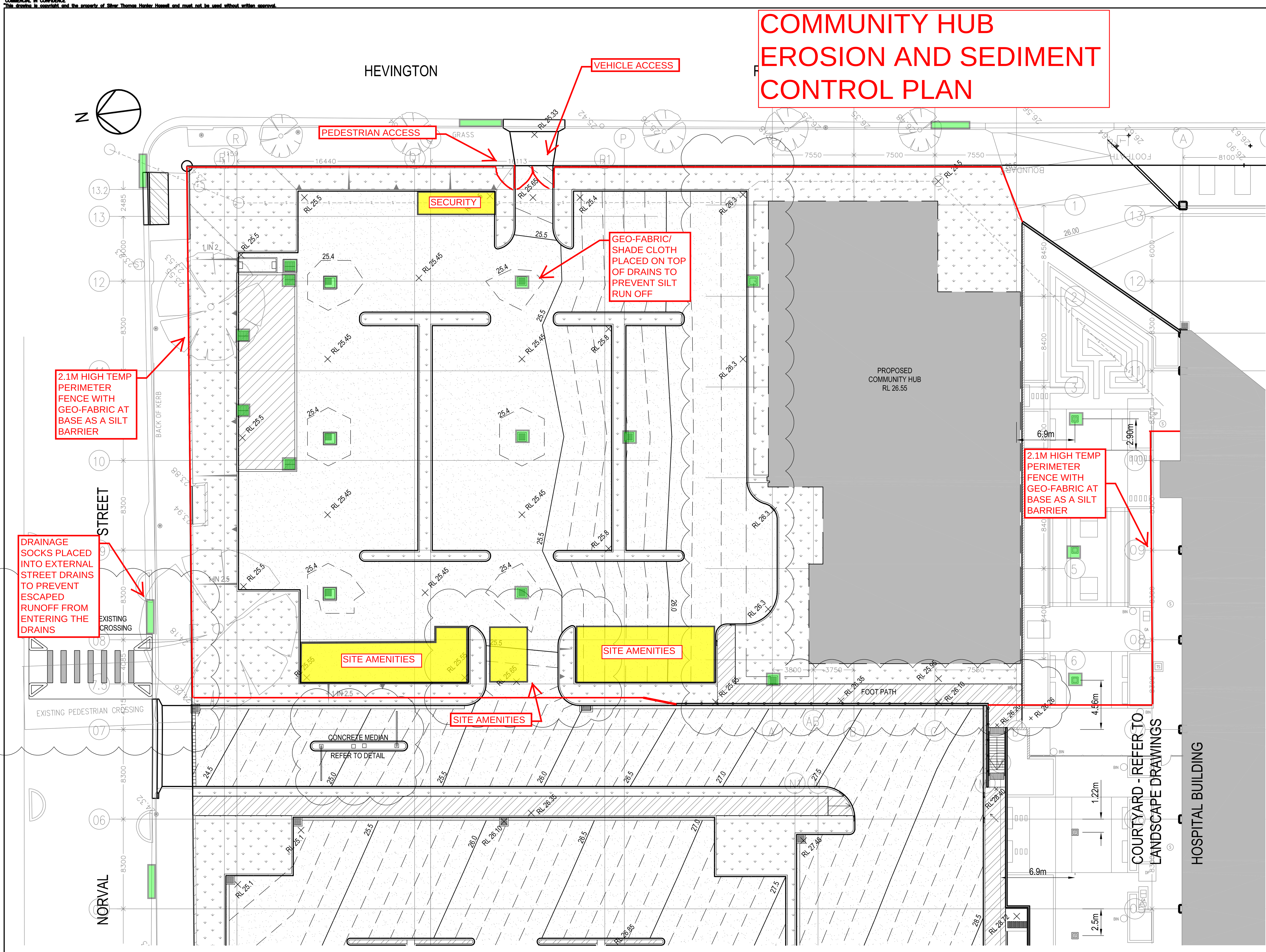
COMMUNITY HUB EROSION AND SEDIMENT CONTROL PLAN



PLAN
SCALE 1:200

LEGEND

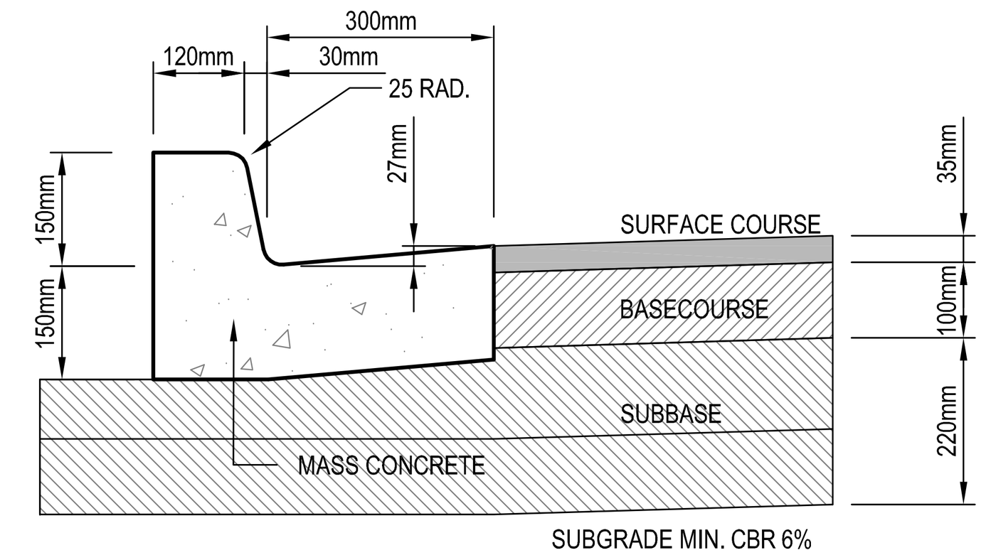
FLEXIBLE PAVEMENT
35mm AC SURFACE COURSE
100mm BASECOURSE (DGB20)
220mm SUBBASE (DGB40 OR EQUIVALENT)
SUB-GRADE MIN. CBR 6%

OSD TANK ROOF
REFER TO DWG C-9832

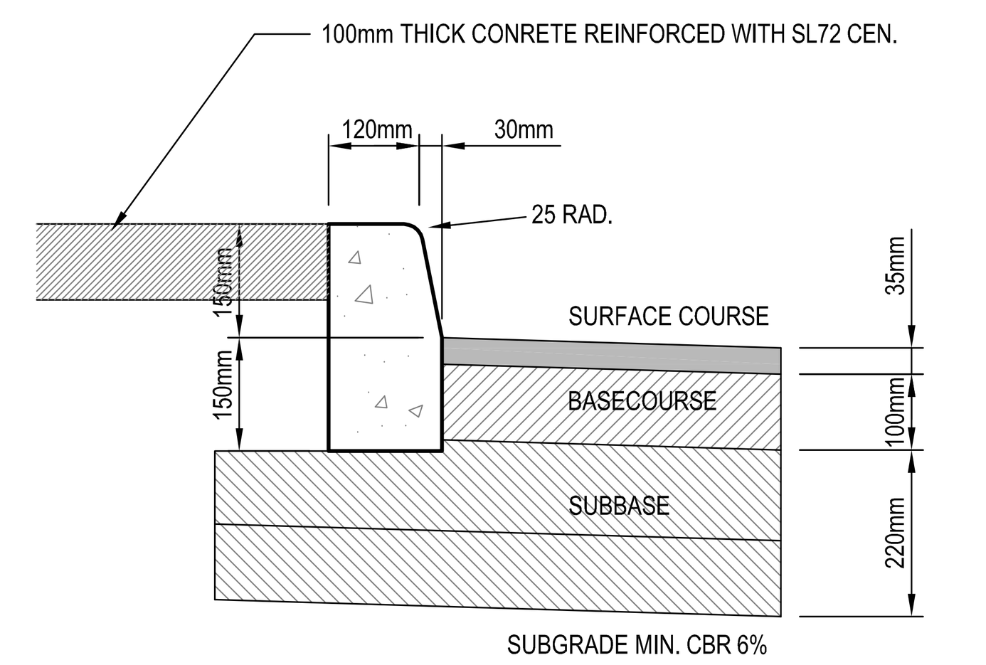
CONCRETE FOOTPATH
100mm THICK WITH SL72

LANDSCAPING - REFER TO LANDSCAPE PLANS FOR DETAILS

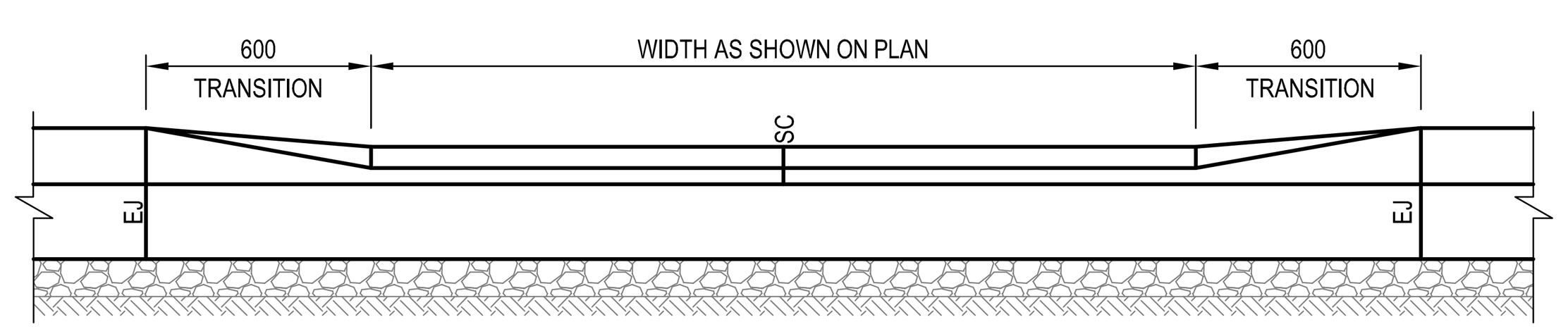
* DEMOLISH EXISTING VEHICULAR CROSSINGS AND REPLACE IT WITH LANDSCAPING AND FOOTPATH WHERE NECESSARY



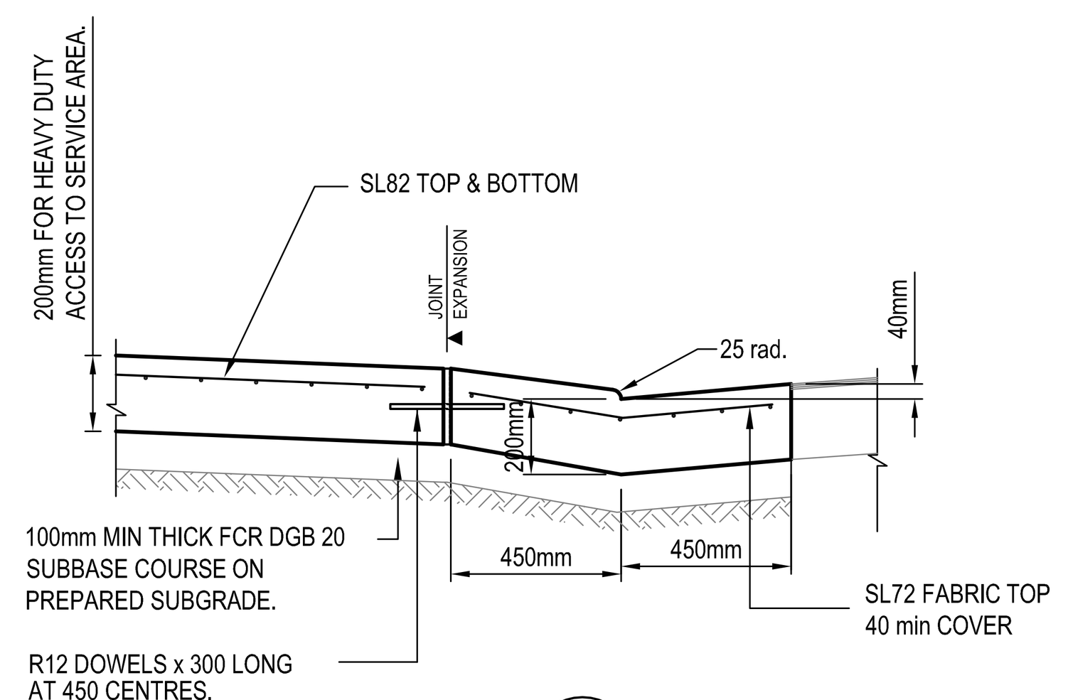
KERB AND GUTTER AND PAVEMENT DETAILS
SCALE 1:10



KERB ONLY
SCALE 1:10

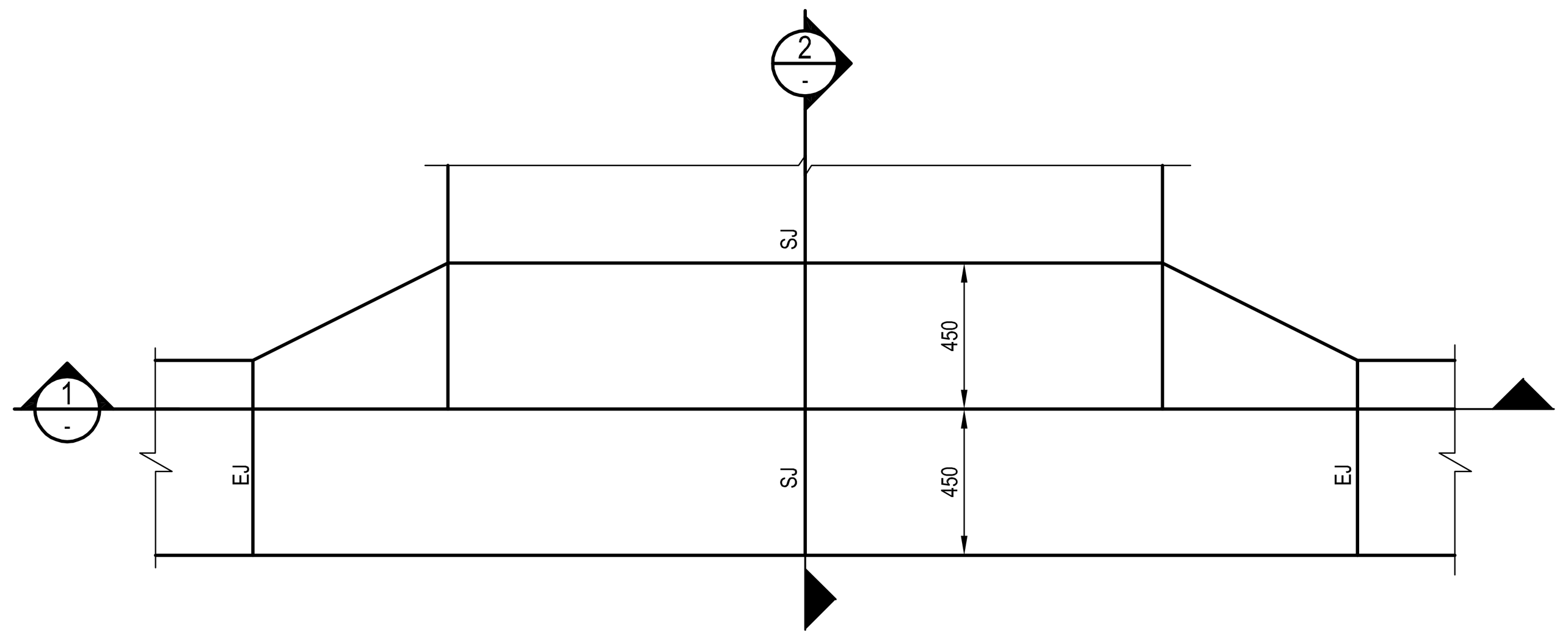


SECTION 1

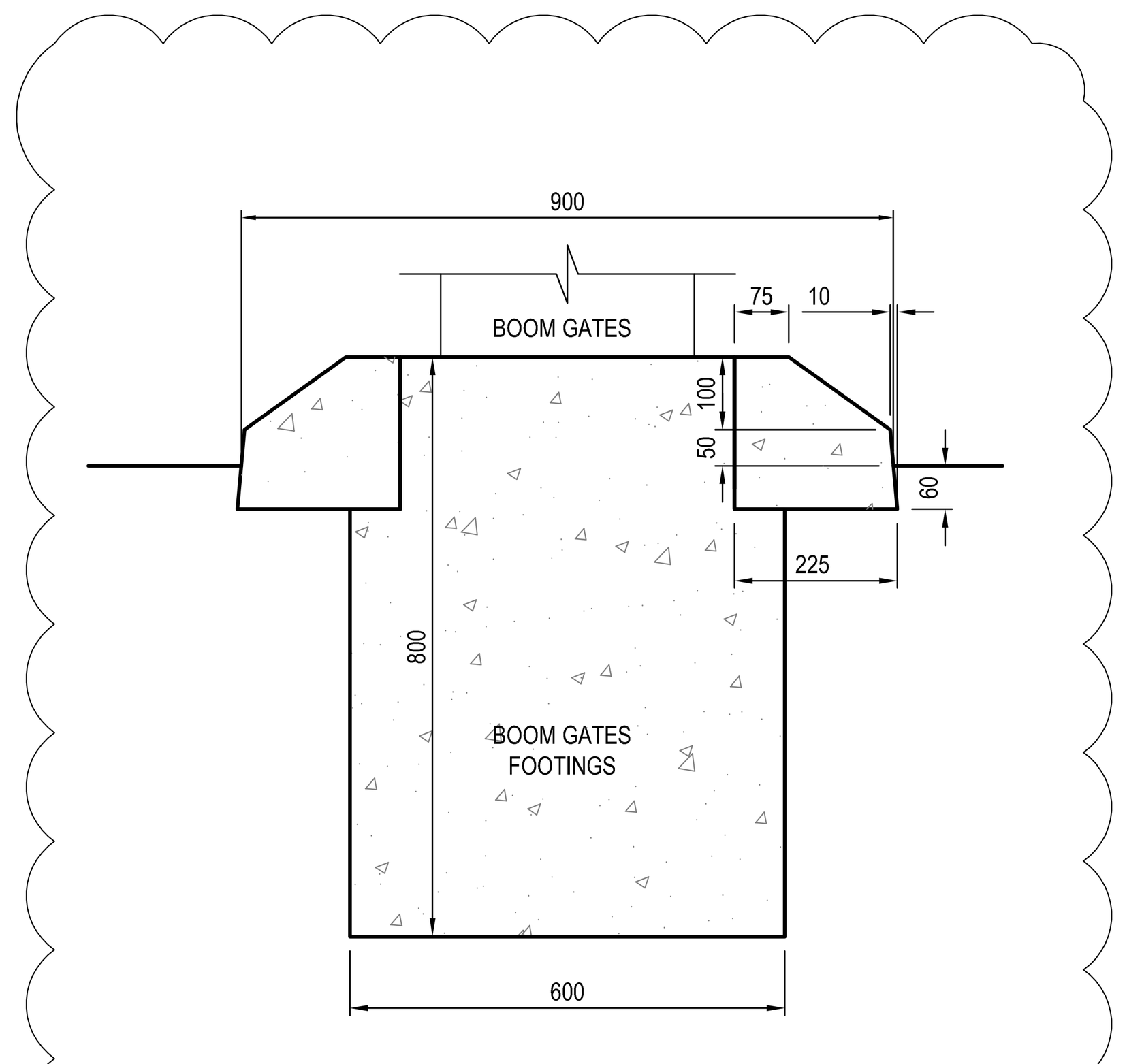


SECTION 2

NOTE:
12mm WIDE BITUMINOUS FIBREBOARD JOINTS 'EJ' TO BE INSTLLED WHERE SHOWN.
SAWCUT JOINTS DENOTED 'SC'



PLAN



BOOM GATE
CONCRETE MEDIAN
SCALE 1:10

GROUND WORKS & EXCAVATION

GW1. ALL GROUND WORKS & EXCAVATION SHALL BE IN ACCORDANCE WITH GEOTECH. REPORT.

GW2. SEPERATE AND REMOVE ALL TOP SOIL, NON SOIL MATERIAL, CONCRETE, VEGETATION, BRICKBATS, TIMBER, ROOT AFFECTED SOIL AND EXISTING FILL. STORE TOP SOIL IF REQUIRED.

GW3. ALL EXCAVATIONS SHALL BE FINISHED CLEAN AND HORIZONTAL AND SHALL NOT UNDERMINE FOOTINGS, WALLS etc.

GW4. PROOF ROLL WITH A MINIMUM 8 TONNE ROLLER, REPLACE ANY SOFT MATERIAL WITH APPROVED FILL AND RE-COMPACT. GEOTECHNICAL ENGINEER TO APPROVE.

GW5. THE FILL IS TO BE PLACED AND COMPACTED IN LAYERS OF MAXIMUM LOOSE THICKNESS 200mm.

GW6. TOP LAYER OF PAVED AREAS TO BE COMPACTED TO MINIMUM 100% STANDARD MAXIMUM DRY DENSITY. LOWER LAYERS IN PAVED AREAS AND ALL LAYERS IN BUILDING AREA TO BE COMPACTED TO A MINIMUM 98% STANDARD DRY DENSITY AT OPTIMUM MOISTURE CONTENT ± 2% AS REQUIRED BY AS 1289 E1.1.
GEOTECHNICAL ENGINEER TO VERIFY.

GW7. ALL PERMENANT EMBANKMENTS TO BE COMPACTED IN 200mm LAYERS AS PER NOTE GW6 AND AT A MAXIMUM SLOPE OF 1 VERTICAL TO 3 HORIZONTAL UNLESS NOTED OTHERWISE. SHOULD DRAINAGE BE REQUIRED THEN SUBMIT DETAILS TO THE ENGINEER.

GW8. ALL GROUND WORKS SHALL BE TESTED BY AN APPROVED GEOTECHNICAL ENGINEER TO A LEVEL 1 STANDARD IN ACCORDANCE WITH AS 3798 - 1996.

GW9. ALL EXCAVATIONS TO BE INSPECTED AT REGULAR INTERVALS BY A GEOTECHNICAL ENGINEER.

GW10. REFER TO ARCHITECTURAL DRAWINGS FOR SETOUT OF BUILDINGS, CARPARKS ETC.

GW11. THE LEVELS SHOWN ARE FINAL FINISH LEVELS.

GW12. CONTRACTOR TO ADVISE OF GEOTECHNICAL CONSULTANT AT TIME OF TENDER. ENGINEER TO APPROVE GEOTECHNICAL CONSULTANT FOR CONSTRUCTION.

GW13. ALL FINISHED FLOOR LEVELS ARE TO BE CONFIRMED BY ARCHITECT.

GW14. ALL EXISTING SERVICES ARE TO BE CAPPED OFF PRIOR TO ANY WORKS.

ROAD WORKS

RW1. REMOVE ALL VEGETATION, TOPSOIL AND DELETERIOUS MATERIAL FROM AREA OF PROPOSED BUILDING PLATFORM AND PAVEMENTS.

RW2. PROOF ROLL EXPOSED SUB GRADE TO ACHIEVE A MINIMUM COMPACTION OF 98% STANDARD MAXIMUM DRY DENSITY, (AS1289.5.1.1 OR AS1289.5.7.1, AS1289.5.4.1).

RW3. REMOVE ANY SOFT, HEAVING, WET OR UNSTABLE AREAS IDENTIFIED DURING PROOF ROLLING AND REPLACE USING SELECT IMPORTED FILL COMPACTED IN LAYERS NOT EXCEEDING 200MM MEASURED LOOSE TO ACHIEVE A MINIMUM 95% STANDARD COMPACTION.

RW4. NOTE THAT THE SITE IS UNDERLAIN BY EXISTING SERVICES AND COMPACTION UTILISING VIBRATION MAY NOT BE SUITABLE IN THE VICINITY OF UNDERGROUND SERVICES.

RW5. ANY FILL REQUIRED TO RAISE LEVELS TO BULK EARTHWORKS TO WITHIN 50MM OF NOMINATED LEVELS IS TO BE APPROVED GRANULAR MATERIAL COMPACTED IN LAYERS NOT EXCEEDING 300MM MEASURED LOOSE TO 98% STANDARD MAXIMUM DRY DENSITY WITHIN 2% OF STANDARD OPTIMUM MOISTURE CONTENT.

RW6. THE CONTRACTOR IS TO PROVIDE CERTIFICATION TO THE EFFECT THAT EARTHWORKS COMPACTION TO 98% STANDARD MAXIMUM DRY DENSITY, (AS 1289 E1.1, E4.1) HAS BEEN ACHIEVED, UNLESS OTHERWISE AGREED IN WRITING BY SITE SUPERINTENDENT.

RW7. THE CONTRACTOR IS TO PROVIDE TO THE SITE SUPERINTENDENT A SURVEY CONFIRMATION FROM A REGISTERED SURVEYOR, CONFIRMING BULK EARTHWORKS LEVELS AS WITHIN +/-50mm OF LEVELS NOMINATED.

RW8. SUBGRADE REPLACEMENT MATERIAL IS TO CONSIST OF CLEAN, UNCONTAMINATED, WELL-GRADED MATERIAL WITH A MAXIMUM PARTICLE SIZE OF 75MM, WITH 80% LESS THAN 20MM, AND A SOAKED C.B.R. GREATER THAN 10% AND A PLASTICITY INDEX LESS THAN 12%.

RW9. BACK FILLING FOR SERVICE TRENCHES AND REMOVED SERVICES OR PITS OR FOUNDATIONS IS TO USE APPROVED WELL-GRADED GRANULAR MATERIAL WITH MINIMUM VOIDS, (EITHER SELECT INSITU OR IMPORTED FILL), COMPACTION AS SPECIFIED ABOVE.

RW10. ALL EARTHWORKS TO BE UNDERTAKEN IN ACCORDANCE WITH AS3798-1996: GUIDELINES ON EARTHWORKS FOR COMMERCIAL & RESIDENTIAL DEVELOPMENTS.

FLEXIBLE PAVEMENT NOTES

F1. SUBGRADE SHALL BE PREPARED AS OUTLINED IN EARTHWORKS.

F2. PAVEMENT MATERIAL SHALL CONSIST OF APPROVED OR RIPPED SANDSTONE, NATURAL GRAVEL OR FINE CRUSH ROCK AS PER COUNCIL SPECIFICATION.

F3. PAVEMENT MATERIALS SHALL BE SPREAD IN LAYERS NOT EXCEEDING 150mm AND NOT LESS 75mm COMPACTED THICKNESS. PAVEMENT MATERIALS SHALL BE SIZED AND OF A STANDARD OUTLINED IN AS1141.

F4. CRUSHED OR RIPPED SANDSTONE SHALL BE MINUS 200mm NOMINAL SIZE DERIVED FROM SOUND, CLEAN SANDSTONE FREE FROM OVERBURDEN, CLAY SEAMS, SHALE AND OTHER DELETERIOUS MATERIAL.

F5. PAVEMENT MATERIALS SHALL BE COMPACTED BY SUITABLE MEANS TO SATISFY THE FOLLOWING MINIMUM SPECIFICATIONS (AS PER AS1289.52)

DESCRIPTION	MEDIUM DENSITY RATIO
SUB-BASE	98% MOD
BASE COURSE	98% MOD
ASPHALTIC CONCRETE	97% MOD

AND SUBJECT TO COUNCIL'S CONSTRUCTION SPECIFICATION.

F6. TESTING FOR EACH LAYER SHALL BE UNDERTAKEN BY A N.A.T.A. REGISTERED LABORATORY IN ACCORDANCE WITH AS1289, AT NOT MORE THAN 50m INTERVALS AND A MINIMUM OF TWO PER LAYER. FURTHER FREQUENCY OF TESTING SHALL BE NO LESS THAN THAT REQUIRED BY AS3978-1996.

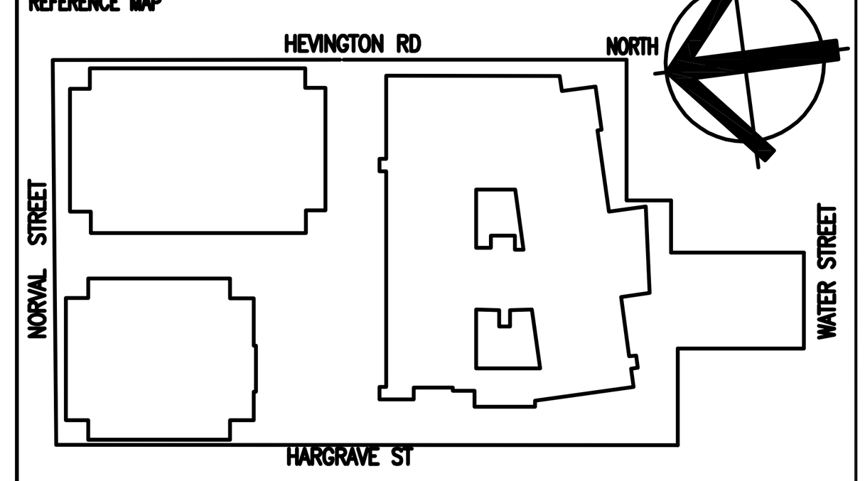
DOCUMENT REVIEW
Multiplex Constructions Pty. Ltd.
☐ A- Acceptable for Construction/Tender (Delete Applicable)
☐ B- Acceptable for Construction/Tender/subject to comments. Correct and Re-submit
☐ C- Unacceptable for Construction/Tender. Correct and Re-submit for Review
☐ D- Drawing on HOLD
☐ E- Progress/Coordination review. Review incorporate comments

Reviewed: Date:

These documents have been reviewed for confirmity with design intent. Acceptance does not mean approval of dimensions, sizes or weights, nor does it relieve the Subcontractor and/or the Consultant from responsibility for errors, commissions or compliance with his obligations and/or requirements of the Contract and or Subcontract.

REV	DESCRIPTION	DATE	BY
B	ADDED MEDIAN DETAIL, FOOTPATH AMENDED PEDESTRIAN CROSSING	03-11-2009	FZX
A	AMENDED KERB LEVEL	27-10-2009	FZX
1	FOR TENDER	16-10-2009	FZX

REFERENCE MAP



THIS DRAWING TO BE READ IN CONJUNCTION WITH REFERENCE DOCUMENTS LISTED BELOW

DRAWING NO	REV	TITLE	DESCRIPTION

ARCHITECT/HEALTH PLANNING
SILVER THOMAS HANLEY HASSELL
Ph. (02)82994600 Fax (02) 82994646
NSW 2000
Level 1, Rear Building 348 Kent Street, SYDNEY

BCA
Level 1, 364 KENT STREET,
SYDNEY, N.S.W. 2000
AUSTRALIA.
Ph. (02) 8270 3500
Fax. (02) 8270 3501
PLANNING BUILDING HERITAGE LANDSCAPE URBAN DESIGN CITY PLAN SERVICES

SERVICES
Lincolne Scott
Consulting Engineers
Level 1 41 McLaren Street North Sydney 2060
PO Box 6245 North Sydney 2060 NSW Australia
Tel: 02 8907 0900 Fax: 02 9957 4127
Email: sydney@lincolnescott.com

STRUCTURE
Level 5, 35-37 CHANDOS STREET,
ST. LEONARDS, N.S.W. 2065
AUSTRALIA.
Ph. (02) 9436 0433
Fax. (02) 9436 1370
E-mail : vdm@vdmgroup.com.au
VAN DER MEER CONSULTING
VDM PROJECTS PTY. LTD. - A.C.N. 109 829 405
CONSULTING ENGINEERS

CLIENT
NSW HEALTH
SYDNEY WEST AREA HEALTH SERVICE | NSW HEALTH
73 MILLER STREET
NORTH SYDNEY, NSW 2060
Ph. (02) 9391 9000 Fax. (02) 9391 9101

PRINCIPAL
Capital Insight
123 WALKER STREET
NORTH SYDNEY, NSW 2060
Ph. (02) 99552300
Fax. (02) 99555574

DESIGN & CONSTRUCT CONTRACTOR
MULTIPLEX
Multiplex Constructions Pty. Ltd.
1 Kent Street, Sydney, NSW 2000
Ph: (02) 9615 4200

PROJECT
AUBURN HEALTH SERVICES REDEVELOPMENT COMMUNITY HUB

DRAWING TITLE
EXTERNAL PAVEMENT TYPES & LEVELS

STATUS
FOR CONSTRUCTION

SCALE AT B1	DRAWN	CO-ORDINATED	CHECKED	APPROVED
AS SHOWN	FZX	RJB	RJB	RJB

JOB NO.	DRAWING NUMBER	REV
NC09-0255	C-9831	B