

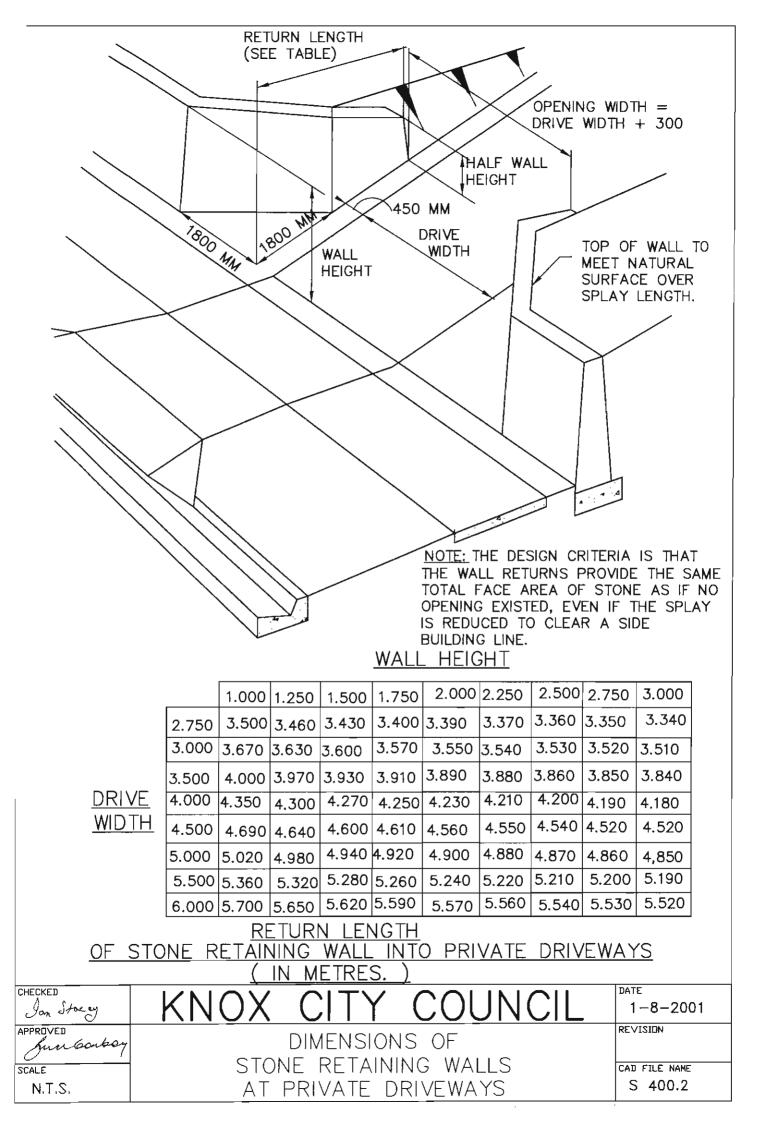
CONTRACTION JOINT DETAIL

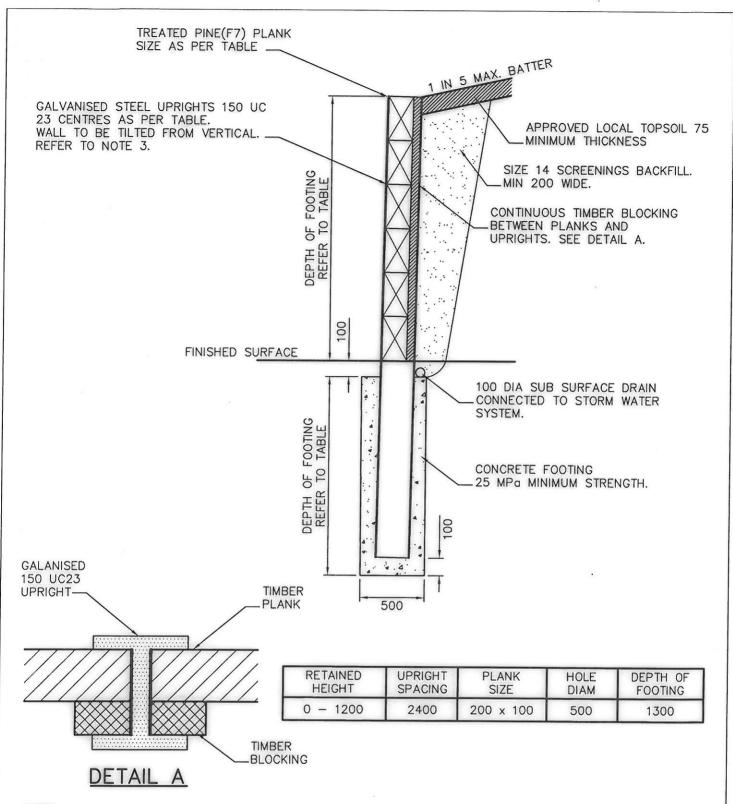
RETAINING WALL - GROUTED RANDOM RUBBLE

NOTES:

- MINIMUM BEARING VALUE OF THE FOUNDATION SHALL BE 22 TONNES PER SQUARE METRE.
- 100 MM X 50 MM WEEPHOLES AT 3.00 M CENTRES SHAL BE USED. ALTERNATIVELY THE AGRICULTURAL DRAINS SHALL BE CONNECTED TO THE ROAD DRAINAGE SYSTEM.
- LENGTH OF WALL BETWEEN CONTRACTION JOINTS SHALL NOT EXCEED 12.000 M.
- 4. THE TABLE FOR "1200 MM SURCHARGE" SHALL BE USED IF, WITH A HORIZONTAL BACKFILL, A ROAD PAVEMENT OR A BUILDING MAY BE CONSTRUCTED WITHIN A HORIZONTAL DISTANCE "H" FROM THE BACK OF THE WALL.
- 5. IF THE 1 1/2 TO 1 SLOPING BACKFILL EXTENDS LESS THAN A HORIZONTAL DISTANCE "H" FROM THE BACK OF THE WALL, THE TABLES MAY BE INTERPOLATED BETWEEN THE SLOPING BACKFILL CASE AND THE RELEVANT APPLIED SURCHARGE TABLE.
- COLLECTOR DRAIN SHALL BE GRADED TO DISCHARGE INTO THE ROAD DRAINAGE SYSTEM.
- 7. DESIGN BASES ADOPTED WERE: HORIZONTAL EARTH PRESSURE -- 195 H KG PER SQ METRE MINIMUM FACTOR OF SAFETY == 1.3 TO 1.4

CHECKED Jan Stocey	KNOX CITY COUNCIL	1-8-2001
Sun barbay	RETAINING WALL	REVISI□N
SCALE N.T.S.	GROUTED RANDOM RUBBLE	CAD FILE NAME S 400.1





NOTES

- 1. ALL TIMBER SHALL BE A MINIMUM STRESS GRADE OF F7 (ACQ).
- 2. THIS WALL IS NOT TO BE USED WITHIN A HIGH OR M2 LANDSLIP RISK AREA, TO RETAIN SANDY SOILS, CARPARK AREAS OR ANY STRUCTURES. THE AREA ABOVE THE WALL IS FOR PEDESTRIAN TYPE USE ONLY NO VEHICULAR LOADING.
- 3. TILT WALL BACK FROM VERTICAL BY 40mm FOR EACH 1000 HEIGHT.
- 4. FOUNDATION MATERIAL SHALL BE FIRM CLAY OVER FULL DEPTH OF FOOTING.

CHECKEO	KNOX CITY COUNCIL	11-07-2012
APPROVED	TIMBER RETAINING WALL	REVISION
N.T.S.	(STEEL UPRIGHTS)	CAD FILE NAME S 402.2