## 9000 MIN LENGTH SOIL AND WATER MANAGEMENT NOTES ── BERM (300 MIN HIGH) CONSTRUCTION DRAINAGE AREA 0.6ha MAX LEGEND GENERAL INSTRUCTIONS SLOPE GRADIENT 1V:2H MAX **AUBURN 01** SLOPE LENGTH 60m MAX 1. All references of details, testing and procedures are to be followed as specified in SANDBAGS OVERLAP — · — · — CONSTRUCT TEMPORARY SEDIMENT the department of housing "managing urban stormwater soils and construction" manual ONTO KERB FENCE (REFER TO THIS DWG) WIRE OR STEEL MESH 15-21 PARRAMATTA ROAD LIDCOMBE NSW, AUSTRALIA CONSTRUCT BARRIER FENCE 2. This plan is to be read in conjunction with the engineering plans, and any other plans DISTURBED (1800mm HIGH TEMPORARY CONSTRUCTION or written instructions that may be issued and relating to development at the subject FENCE). COSTCO EXISTING GEOTEXTILE FILTER 3. The contractor will ensure that all soil and water management works are located as CONSTRUCT TEMPORARY VEHICLE ENTRY RUNOFF ROADWAY FABRIC WHOLESALE shown in this specification. AND WASH BAY (REFER TO THIS DWG) 4. All contractors shall be aware of their responsibilities in minimising the potential for - 1.2m STAR PICKET DRIVEN CORPORATION GRAVEL soil erosion and pollution to downslope lands and waterways. 0.6m INTO GROUND GAP BETWEEN BAGS INSTALL SANDBAG SEDIMENT TRAP - DETAIL OF OVERLAR 5. These plans present concepts only, the contractor shall be responsible for the ACT AS SPILLWAY RUNOFF FROM PAD (REFER TO THIS DWG) 999 LAKE DRIVE THREE LAYERS OF SANDBAGS establishment & management of a detailed scheme meeting council's approval. DIRECTED TO SEDIMENT TRAP ISSAQUAH, WA 98027 WITH ENDS OVERLAPPED UNDISTURBED CONSTRUCTION SEQUENCE INSTALL HAY BALE SEDIMENT FENCE T: 425.313.8100 TEMPORARY SITE ENTRANCE (REFER TO THIS DWG) SEDIMENT TRAP FOR KERB INLET Costco.com 6. The soil erosion potential on this site shall be minimised. hence initial works shall be undertaken in the following sequence prior to commencing construction :-ARCHITECT OF RECORD: NOT TO SCALE INSTALL TEMPORARY GEOTEXTILE (ON GRADE - SANDBAG) MAINTENANCE (a) Install all temporary sediment fences and barrier fences.where fences are adjacent to FILTER FABRIC DROP INLET SEDIMENT each other the sediment fence can be incorporated into the barrier fence. NOT TO SCALE TRAP (REFER TO THIS DWG). • THE TEMPORARY ACCESS SHALL BE MAINTAINED IN A CONDITION THAT (b) Construct temporary stabilised site access. SEDIMENT FENCE PREVENTS TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS OF (c) Install sediment traps and sediment basins. INSTALL TEMPORARY SEDIMENT 7. Undertake site development works so that land disturbance is confined to areas of (GEOTEXTILE FILTER FABRIC) BASIN (REFER TO THIS DWG). Group GSA Pty Ltd ABN 76 002 113 779 Level 7, 80 William St East Sydney NSW Australia 2011 www.groupgsa.com THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL GRAVEL AS minimum workable size. CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES NOT TO SCALE EROSION CONTROL T +612 9361 4144 F +612 9332 3458 USED TO TRAP SEDIMENT, architecture interior design urban design planning ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC 8. At all times and in particular during windy and dry weather, large, unprotected areas nom architect M. Sheldon 3990 RIGHTS OF WAY MUST BE REMOVED IMMEDIATELY. will be kept moist (not wet) by sprinkling with water to keep dust under control. SEDIMENT CONTROL 9. Any sand used in the concrete curing process (spread over the surface) will be removed as soon as possible and within 10 working days from placement. ANGLE FIRST STAKE TOWARDS MULVANNY G2 10. Water will be prevented from entering the permanent drainage system unless it is PREVIOUSLY LAID STRAW BALE relatively sediment free, i.e. the catchment area has been permanently landscaped/stabilised and/or any likely sediment has been filtered through an approved 1.2m STAR PICKET DRIVEN **DESIGN ARCHITECT** 0.6m INTO THE GROUND structure. 1110 112TH AVE. NE | SUITE 500 11. Temporary soil and water management structures will be removed only after the DISTURBED lands they are protecting are stabilised/rehabilitated. BELLEVUE, WA | 98004 t 425.463.2000 | f 425.463.2002 OTHER MATTERS 12. Acceptable receptors will be constructed for concrete and mortar slurries, paints, MulvannyG2.com acid washings, light-weight waste materials and litter. 13. Any existing trees which form part of the final landscaping plan will be protected from construction activities by: UNDISTURBED (a) Protecting them with barrier fencing or similar materials installed outside the drip (b) Ensuring that nothing is nailed to them: Seattle Structural PS Inc. (c) Prohibiting paving, grading, sediment wash or placing of stockpiles within the drip line Civil and Structural Engineering 1420 Fifth Avenue, Suite 425 HAY BALE SEDIMENT FENCE except under the following conditions. Seattle, WA 98101-4019 206-343-3000 phone 206-343-3013 fax (i) Encroachment only occurs on one side and no closer to the trunk than either 1.5 Branches @ St Leonards Parramatta metres or half the distance between the outer edge of the drip line and the trunk, which ever is the greater Canberra Wagga Wagga (ii) A drainage system that allows air and water to circulate through the root zone ─ STAKES (e.g. a gravel bed) is placed under all fill layers of more than 300 millimetres depth (iii) Care is taken not to cut roots unnecessarily nor to compact the soil around them. WITH GRATE SITE INSPECTION & MAINTENANCE 14. Allow for grass stabilisation of unstable areas, open channels and rock batters as and where directed. 15. Allow for establishment of other erosion protection measures as directed. ABN 53 831 529 091 Level 2, 60 Pacific Hwy, PO Box 151, ST LEONARDS 16. Receptors for concrete and mortar slurries, paints, acid washings, light-weight waste materials and litter are to be emptied as necessary. disposal of waste shall be in a T +61 2 9439 2633 F +61 2 9438 4505 stleonards@hughestrueman.com.au manner approved by the site superintendent 17. Erosion and sediment control measures shall be inspected to ensure that they operate -GEOTEXTILE FILTER effectively. repairs and or maintenance shall be undertaken regularly and as required, FABRIC particularly following storm events. 18. The contractor shall provide all monitoring controls & testing. GEOTEXTILE FILTER UTILITY/ STORAGE RUNOFF WATER WITH SEDIMENT WATER \_EMERGENCY SPILLWAY SEDIMENT TRAP FOR DROP INLET (GEOTEXTILE FILTER FABRIC) STORAGE ZONE -NOT TO SCALE PROTECTION LENGTH / WIDTH RATIO 3:1 MIN Scale 1:200 SEDIMENT BASIN (TYPICAL) PLAN NOT TO SCALE BEFORE CONSTRUCTION OF BANK, PREVIOUSLY STRIPPED TOPSOIL SHOULD STRIP 100mm DEPTH OF TOPSOIL DATE DESCRIPTION BE RETURNED TO SURFACES OF THE BANK UNDER AREA OF BANK AND ALL 02.09.09 ISSUED FOR REVIEW TO PROVIDE A MINIMUM OF 40mm AND A TOPSOIL FROM AREA OF EXCAVATION MAXIMUM OF 60mm DEPTH OF TOPSOIL — 07.09.09 RE-ISSUED FOR REVIEW 14.09.09 ISSUED FOR D.G. SUBMISSION 13.10.09 RE-ISSUED FOR D.G. SUBMISSION FREEBOARD 500mm MIN - RIPRAP OUTLET PROTECTION PERFORATED RISER TO FILTER RUNOFF. — RISER SHALL DISCHARGE TO STABLE AREA — ANTI SEEP COLLAR OR TO STORMWATER PIPE LINE. RISER SHALL BE CAPABLE OF DRAINING BASIN 3000 CUT-OFF TO BE TAKEN AT LEAST 300mm THE MATERIAL FORMING THE EMBANKMENT -INTO IMPERVIOUS MATERIAL AND TO BE SHOULD BE SPREAD IN LAYERS NOT EXCEEDING A MINIMUM OF 600mm DEEP SOIL AND WATER 100mm LOOSE THICKNESS AND EACH LAYER THOROUGHLY COMPACTED BEFORE THE NEXT MANAGEMENT CONCEPT LAYER IS ADDED PLAN, NOTES & DETAILS SEDIMENT BASIN (TYPICAL) CROSS SECTION NOT TO SCALE

NOT FOR CONSTRUCTION \_\_\_\_\_\_