MS 01.02 Residential Roof POLYMAT ROOF GARDEN SOIL (AS PER GARDENERS SPECIFICATION) WASHED GRAVEL/BORDER RIVER WASHED STONE WASHED GRAVEL/BORDER RIVER WASHED STONE SEPARATION LAYER(GEOTEXTILE ≈500g/m2) GARDEN SOIL (AS PER GARDENERS SPECIFICATION) DRAINAGE BOARD(AS PER GARDENERS SPECIFICATION) DRAINAGE BOARD(AS PER GARDENERS SPECIFICATION) PROTECTION/FILTRATION LAYER(GEOTEXTILE ≈140g/m2) THERMAL INSULATION PROTECTION/FILTRATION LAYER(GEOTEXTILE ≈140g/m2)-(BITUTHERM XPS BOARD ≈ 50-150MM) THERMAL INSULATION SEPARATION LAYER(GEOTEXTILE ≈140g/m2) (BITUTHERM XPS BOARD ≈ 50-150MM) SEPARATION LAYER(GEOTEXTILE ≈140g/m2) GREEN ROOF GULLY ELEMENT -POLYMAT ROOF NON UV-R, 2.00mm (1.50mm) PROTECTION LAYER(GEOTEXTILE ≈140g/m2) GARDEN FINISH LEVEL LIGHT WEIGHT CONCRETE IN SLOPE >1% GARDEN SOIL EDGING DETAIL ROOF SLAB NOTES: 1. DRAINAGE ARE AS PER LANDSCAPER/GARDENER'S SPECIFICATIONS. 2. GARDEN SOIL REQUIRED DEPTH ACCORDING TO LANDSCAPER/ GARDENERS GREENERY TYPES OR SELECTIONS. DEPTH VARIES ACCORDINGLY. 3. GARDEN ROOF SPECIFIED PVC WATERRPOOFING MEMBRANE BY BITUMAT IS ABSOLUTELY ROOT PROOF. DRAINAGE DETAIL 4. GARDEN ROOF WATERPROOFING SYSTEM DESIGN FOR GRASS AND SHRUBS ONLY. USE OF HEAVY GREENERIES/PLANTS IS SUBJECT TO CHANGES. 5. GARDEN ROOF WATERPROOFING SYSTEM DESIGN WILL BE RE-DESIGNED AND CHECKED ONCE THE FULL DETAILS OF THE GARDEN ROOF DRAWINGS AND *ROOF SLAB RÖOF SLAB SPECIFICATIONS ARE FURNISHED BY THE CONSULTANT & LANDSCAPER. 104 1 LIGHT WEIGHT CONCRETE IN SLOPE >1% PROTECTION LAYER(GEOTEXTILE ≈140g/m2) UMAT COMPANY LIMITED REVISION DRAWN BY DWG. No. REMARKS **POLYMAT PVC - SINGLE PLY** P.O. Box 7487, Dammam 31462, Kingdom of Saudi Arabia CHECKED BY EXEMPLARY PROJECT DATE (Inverted Roof) Tel. No. (+966-13) 8121210 / 8121213 MS.01.02-14



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ROOF GARDEN (GREEN ROOF)

SHEET CONTENTS: ROOF GARDEN SYSTEM DETAIL

DATE : REF. NO.