## Maine Department of Humon Services Division of Health Engineering, Station 10 (207) 287-5672 FAX (207) 287-417 SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION Town, City, Plantation Street,Road,Subdivision Owner's Name PORTLAND, GREAT DIAMOND ISLAND 24 MEADOW ROAD N/F ROBERT JORDAN SCALE 1" - 20 FT SUBSURFACE WASTEWATER DISPOSAL PLAN NOTE: THOROUGHLY SCARJFY UNDER GRAPHIC SCALE ENTIRE DISPOSAL FIELD, SHOULDER ERP: BOTTOM OF AREA, & FILL EXTENSION AREA PRIOR ELECTRIC METER BOX TO FILL PLACEMENT, THEN BLEND FIRST 55" ABOVE GROUND LEVEL 6" LIFT OF FILL INTO EXISTING SOIL SURFACE TO PROMOTE MIXING EXISTING DWELLING PROPOSED DISPOSAL AREA (4 ROWS OF 6 ELJEN GSF UNITS EACH EXISTING GRADE NEW 1000 GALLON CONCRETE AT CORNER SEPTIC TANK LOCATE 40 53<sub>, 5′</sub> WHERE FEASIBLE, B' MIN. FROM BUILDING STRUCTURE SET AT HIGH ENOUGH ELEVATION TO ASSURE GRAVITY FLOW APPROXIMATE OR PROVIDE PUMP STATION TOE OF FILL PUMP STATION (RAISE PLUMBING AS (IF NEEDED) NECESSARY) IF PUMPING USE 11/2" TO 2" DIA EFFLUENT LINE BURIED DISTRIBUTION BELOW FROST OR INSULATE BOX (BOTTOM CR055 TO PROTECT FROM FREEZING FEED IF PUMPING) I.P.F. SECTION -30 OR IF GRAVITY FLOW USE APPROXIMATE PROPERTY LINE 4" DIA SDR35 SOLID PVC (ASSURE WATERTIGHTNESS) ELEVATION REFERENCE POINT FILL REQUIREMENTS CONSTRUCTION ELEVATIONS SEE 5"-7" Finished Grade Elevation Location & Description BOTTOM OF ELECTRIC METER BOX, 55" ABOVE GRADE Depth of Fill (Upslope) DETAIL Top of Distribution Pipe or Proprietory Device : 11" - 15" Depth of Fill (Downslope) Reference Elevation is: 0.0" or \_\_\_\_\_ Bottom of Disposal Area BELOW DEPTHS AT CROSS-SECTION (shown below) SCALE: DISPOSAL AREA CROSS SECTION VERTICAL: 1" - 5 FT HORIZONTAL: 1" -IO FT 15' FILL EXT. SHOULDER SHOULDER FILL EXT. 4" DIA PERFORATED GRAVELLY COARSE SAND ...\* DISTRIBUTION PIPE CROWN AT 3% EXISTING GRADE EXISTING GRADE ROTOTILL/SCARIFY (SEE NOTE ABOVE) DEPTH V FINISHED GRADEV CAP TOE OF FILL ELJEN GSF UNIT CLEAN FILL GEOTEXTILE FABRIC WITH SANDY LOAM OVER 4" DIA. PERF. PIPE MATERIAL ELJEN GSF UNIT -54

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