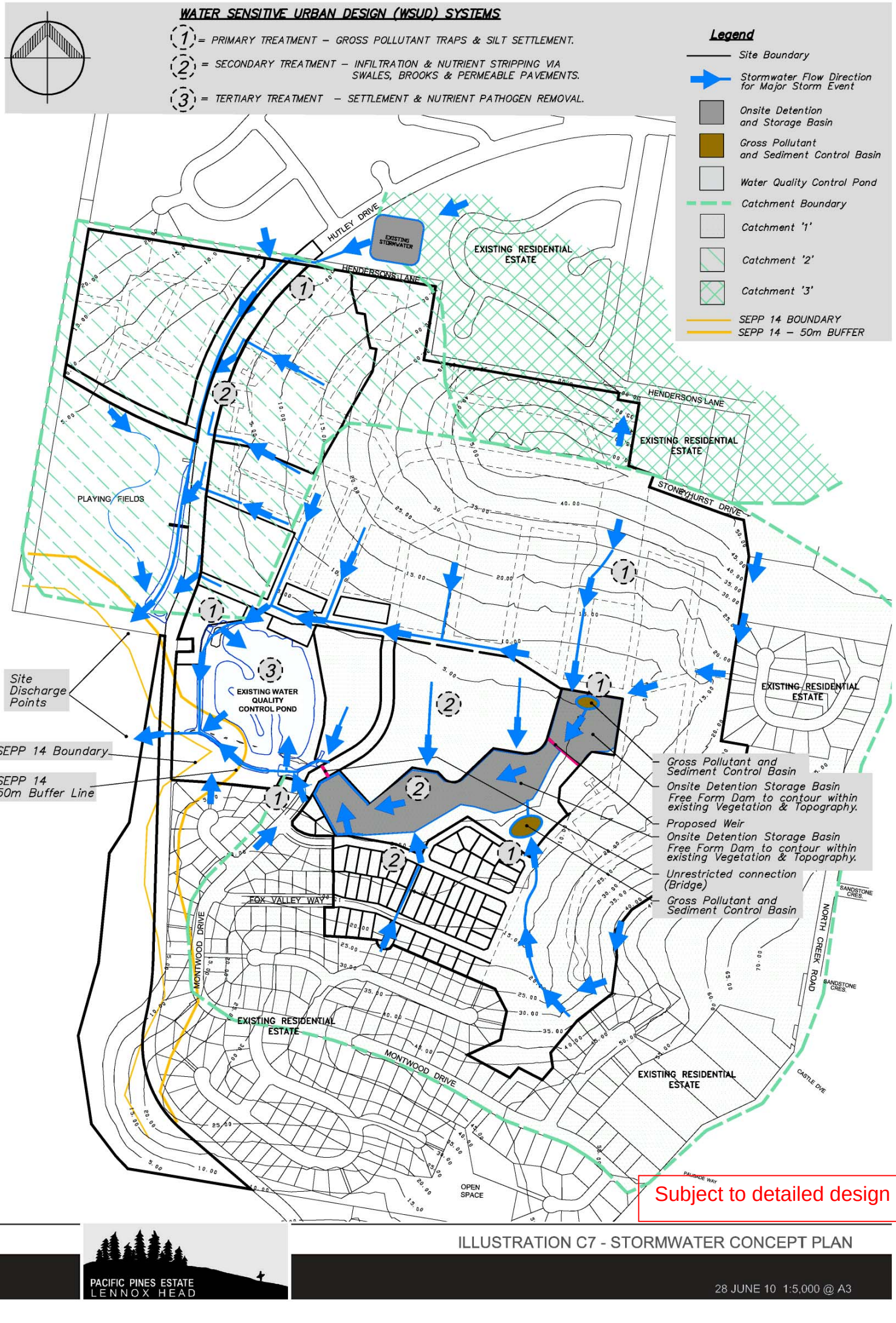
WATER SENSITIVE URBAN DESIGN (WSUD) SYSTEMS
1 = PRIMARY TREATMENT – GROSS POLLUTANT TRAPS & SILT SETTLEMENT.
2 = SECONDARY TREATMENT – INFILTRATION & NUTRIENT STRIPPING VIA SWALES, BROOKS & PERMEABLE PAVEMENTS.
3 = TERTIARY TREATMENT – SETTLEMENT & NUTRIENT PATHOGEN REMOVAL.
Legend
Site Boundary
Stormwater Flow Direction for Major Storm Event
Onsite Detention and Storage Basin
Gross Pollutant and Sediment Control Basin
Water Quality Control Pond
Catchment Boundary
Catchment '1'
Catchment '2'
Catchment '3'
SEPP 14 BOUNDARY
SEPP 14 – 50m BUFFER
HUTLEY DRIVE
EXISTING STORMWATER
EXISTING RESIDENTIAL ESTATE
HENDERSONS LANE
PLAYING FIELDS
STONEYHURST DRIVE
Site Discharge Points
SEPP 14 Boundary
SEPP 14 50m Buffer Line
EXISTING WATER QUALITY CONTROL POND
Gross Pollutant and Sediment Control Basin
Onsite Detention Storage Basin Free Form Dam to contour within existing Vegetation & Topography.
Proposed Weir
Onsite Detention Storage Basin Free Form Dam to contour within existing Vegetation & Topography.
Unrestricted connection (Bridge)
Gross Pollutant and Sediment Control Basin
FOX VALLEY WAY
MONTWOOD DRIVE
NORTH CREEK ROAD
SANDSTONE CRES.
CASTLE DVE
PALISADE WAY
OPEN SPACE
Subject to detailed design
PACIFIC PINES ESTATE
LENNOX HEAD
ILLUSTRATION C7 - STORMWATER CONCEPT PLAN
28 JUNE 10 1:5,000 @ A3