

East Sussex County Council Planning Committee 15 June 2022

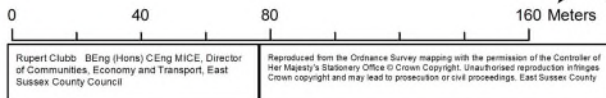
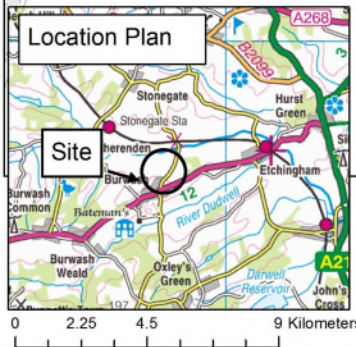
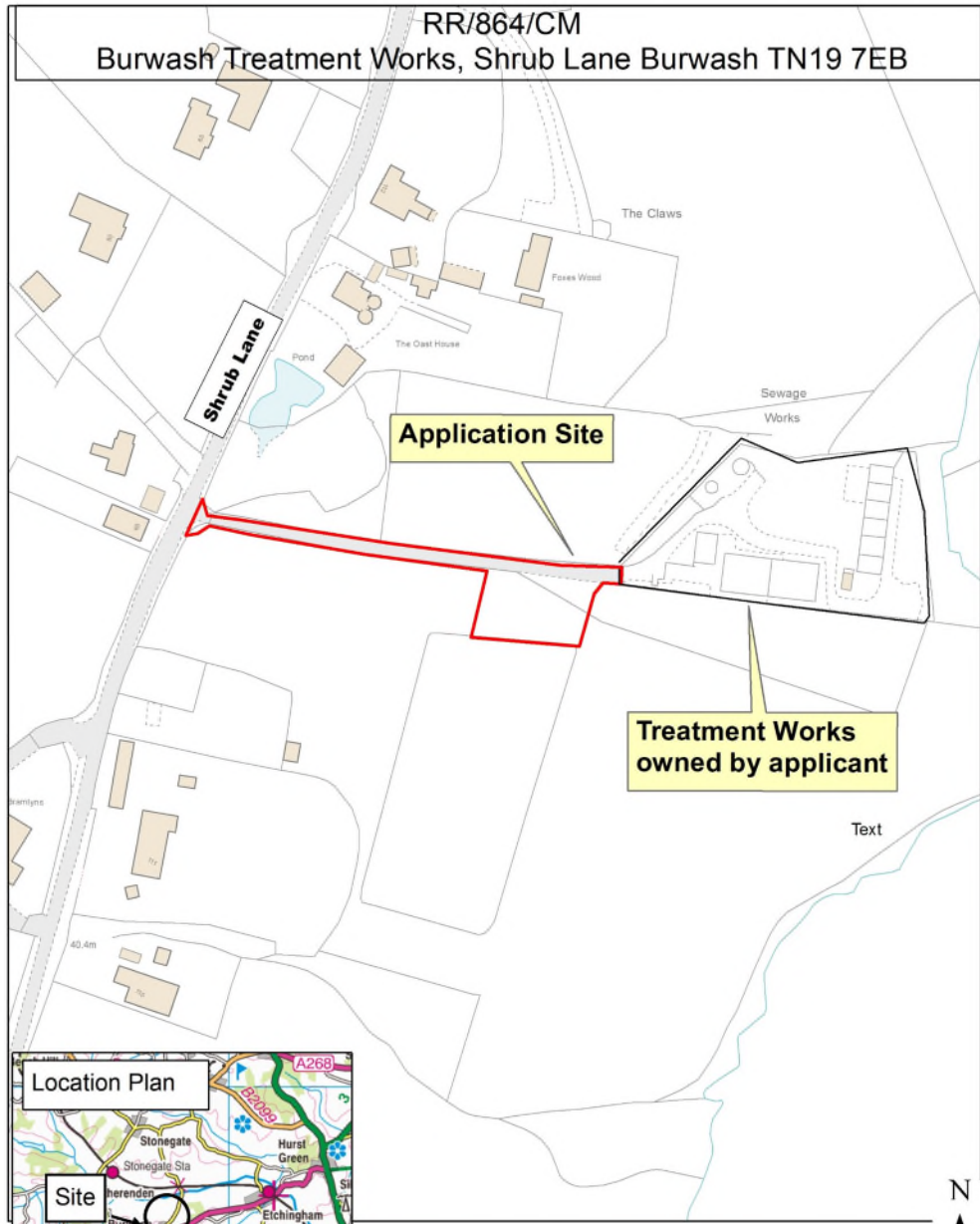
Agenda Item 5.

RR/861/CM

Temporary widening of the access junction between Shrub Lane and the access track leading to Burwash Wastewater Treatment Works and temporary use of land adjacent to the Works as a compound for a period of 12 months to enable essential upgrade works to be carried out at the Treatment Works (retrospective).

Burwash Water Treatment Works, Shrub Lane, Burwash TN19 7EB

RR/864/CM
Burwash Treatment Works, Shrub Lane Burwash TN19 7EB



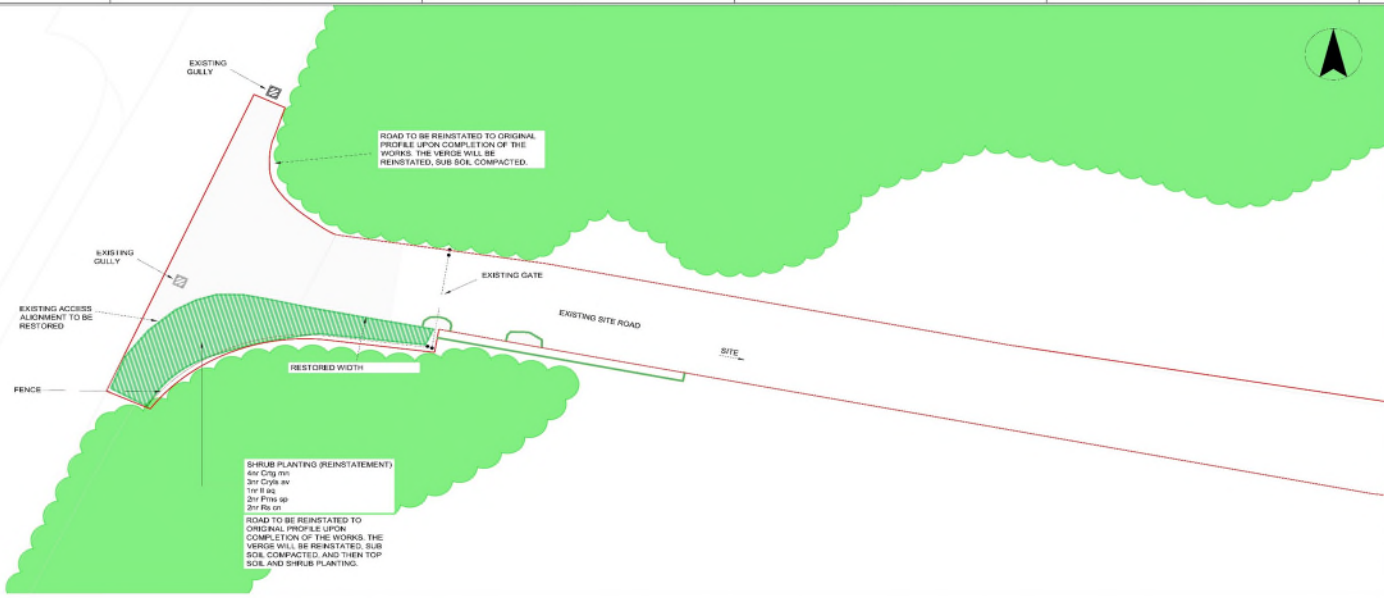
Rupert Clubb BEng (Hons) CEng MICE, Director of Communities, Economy and Transport, East Sussex County Council
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RR/864/CM
Burwash Treatment Works, Shrub Lane Burwash TN19 7EB



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Landscape Plan



LANDSCAPE SPECIFICATION

All plants and planting operations to comply with the requirements and recommendations of all current relevant British Standard specification including but not limited to:

- BS 3095: 1992 Nursery stock. Specifications for trees and shrubs
- BS 3882: 2015 Specification for topsoil and requirements for use
- BS 4428:1988. Code of practice for general landscape operations (excluding hard surfaces)

General: Carry out the soft landscape works while soil and weather conditions are suitable. Early spring or autumn are ideal times when weather is generally mild, not too wet or too dry. Avoid extreme conditions including very wet, dry, windy and cold weather.

Site Clearance: Remove compounds and temporary access track, to full depth. Surface vegetation will be cleared, by spraying with a suitable non-residual herbicidal herbicide and/or stemming and raking. Surface of all land affected, to be broken up to the minimum depth below finished levels.

- Grass, ground cover and perennial planting: 300mm
- Shrub planting: 750mm
- Within 2 m of tree planting: 1000mm

Prior to spreading subsoil the working area shall be loosened by deep ploughing or using ripping equipment. Stones and extraneous material greater than 50mm in size shall be cleared from subsoil, before placing of topsoil.

Spreading topsoil: Depth: 150 mm to grassed/seeded areas maximum after firming and settlement. Gently firm each layer before spreading the next. Soil structure Do not compact topsoil. Avoid trafficking as far as practical over areas of spread topsoil to preserve a friable texture of separate visible 'crumbs'. Areas disturbed as part of the works and/or areas stripped of topsoil may have been compacted. Subsoil should be cultivated to loosen the surface to a depth of 150-300mm to alleviate compaction prior to application of topsoil.

Preparation of Ground for Sowing: Seed should be applied to bare soil cleared of vegetation and debris which has been leveled and cultivated (refer also to guidance produced by seed supplier). Seed bed cultivation: Cultivate the soil to sufficient depth to alleviate any compaction, then rake or harrow and not to produce a fairly fine, firm surface. The finished seedbed should be firm enough to walk on without leaving impressions. The finished surface should be free of obstructions such as large stones or lumps, and free of deep ruts or ridges. Seed in calm weather in the sowing season. Avoid extreme conditions including very wet, dry, windy and cold weather. If seeded in April germination may not occur for all species until the following spring (as many seeds need the cold of winter to break dormancy).

Proposed Shrub planting: Bare-root stock to be notch planted deep enough to accommodate full depth of roots. Plants to be planted in groups of 3, 5 or 7 of the same species. Ensure plants are planted to the correct depth to correspond to the soil mark on main stem.

Stakes & Guards: shall be manufactured by Tubex or equivalent. The product reference is Shrubstake/750w or equivalent: It shall be of a round type comprised of biopolymer degradable, 750mm high by 100mm in diameter and supported by two latter stakes. The colour shall be selected by the Project Manager. The Contractor shall ensure that protection methods do not impede the natural movement of shrubs or restrict growth.

Mulch: A 75 mm layer of medium sized mulch applied around the base of each plant 1000 mm dia.

Five Year Maintenance

Planting

- At the end of the first growing season, check all stock and remove all dead wood and broken/damaged branches. Replace planting failures with equivalent plants in the next planting season;
- In the second growing season prevent weeds from getting established by applying a 0.5 metre ring spray of non-residual herbicide 2 x year for 5 years or remove weeds entirely by hand taking care not to disturb plants;
- Top up with medium grade mulch to a thickness of 70 mm;
- Replace or re-plant as necessary at base or faulty tree guards and stakes; and
- Ratify trees and shrubs by tracing around base until firmly bedded, particular after strong winds and frost heave.

- Guards, shelters, stakes and ties shall be removed during Spring two years after planting and stake holes shall be filled with light compacted soil.

General amenity (short cut grass) areas:

Watering:

- New planting shall be wet full depth of topsoil when watering, which shall be applied evenly and without damaging or displacing plants or soil. Watering shall be completed frequently as required to ensure establishment and continued thriving of the planting.

PLANT SCHEDULE

Abb	Name	Common Name	Age	Height	Form	Grth	Root Condition	Brks	Percentag e	Ctrs	Qty
Crig mn	Crataegus monogyna	Common hawthorn		100-125cm	Feathered		C		35.00 %	1,500	4
Cryfs av	Corylus avellana	Hazel, Cobnut	3x	125-150cm			C	5	25.00 %	1,500	3
H aj	Hax aquifolium	Holly		80-100cm			C		10.00 %	1,500	1
Pms sp	Prunus spinosa	Blackthorn		50-60cm			C	2	15.00 %	1,500	2
Ra on	Rosa canina	Dog rose					C	5	15.00 %	1,500	2
											12

NOTES
1. ALL DIMENSIONS IN MILLIMETRES AND ALL LEVELS IN METRES UNLESS SHOWN OTHERWISE.

REFERENCES
JN XXXXXXXX.XXXXX DRAWING TITLE

LEGEND
REINSTATEMENT OF HABITATS AND HABITAT CREATION

PROPOSED MIXED NATIVE SHRUB
Matrix planting of native shrub of varied specified sizes (TOTAL AREA = 27 M2)

EXISTING VEGETATION TO BE RETAINED AND PROTECTED DURING THE WORKS

SCALE 1 : 100
10m

CURRENT VERSION INFORMATION
NEW BALANCING TANK AREA LAYOUT AND ASSOCIATED PIPEWORK REVISED. ON 10/01/2010
PIPEWORK UPDATED TO D110. FUTURE BALANCING TANK AREA ADDED.

25/03/22	CO	LB	PU	LB	PO1	SZ	SE	SE	SE	SE
DATE	USER	CHKD	RECD	APPR	REV	BY	DATE	REASON FOR ISSUE		

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PROJECT TITLE
Shrub Lane (Burwash Village) WWTW

DRAWING TITLE
LANDSCAPE PLAN

SITE/WORKS NAME BURWILL	SITE/WORKS NO. 103185	METER ARE A1
NR 751149	SCALE 1:100	STATUS S2
S.V. DRAWING NO. 751149-STA-Z0-XX-DR-Z-00001	REVISION P01	

1. View of site access at junction with Shrub Lane



2. Northern side of site access at junction with Shrub Lane looking north-east



3. Site access showing removal of hedgerow on southern side



4. Southern side of access showing removal of hedgerow



5. View east along site access from Shrub Lane showing location of gate



6. View west along first part of access



7. View west further along access.



8. Western side of compound with access track on right



9. Western part of compound



10. Eastern part of compound



RR/864/CM

Temporary widening of the treatment works access with Shrub Lane and temporary use of Temporary widening of the access junction between Shrub Lane and the access track leading to Burwash Wastewater Treatment Works and temporary use of land adjacent to the Works as a compound for a period of 12 months to enable essential upgrade works to be carried out at the Treatment Works (retrospective).

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