Sir Grange Zoysia Specification Sheet

1.1 RESPONSIBILITIES

General

Requirement: Provide natural grass surface with AusGAP certified Sir Grange Zoysia as documented.

1.2 SUBMISSIONS

Execution Details

Program: Submit a work program in the form of a Gannt chart, for the natural grass surfaces landscape works.

Maintenance program: - Refer to maintenance program listed below.

Material storage on site: Store the grass in a cool place, preferably in shade to prevent overheating and lay as soon as possible.

Products and Materials

Supplier's data: Submit supplier's data including the following:

- Material source of supply.
- Evidence of experience in supply of the required material.
- Production capacity for material of the required type and quantity.
- Lead times for delivery of material to the site.
- Evidence of AusGAP certification.

1.3 INSPECTION

Notice

Inspection: Give notice so that inspection may be made of the following:

- Clearing completed.
- Setting out completed.
- Grassing bed prepared before turfing.
- Turfing completed.

1.4 LAWN SOLUTIONS AUSTRALIA TURF

General

Description: Sir Grange Zoysia cultivated turf of even thickness, free from weeds and other foreign matter.

Supplier: Lawn Solutions Australia certified turf supplier.

Turf certification program: AusGAP – the Australian turf certification system.

General

Description: Proprietary fertilisers, delivered to the site in sealed bags or buckets marked to show manufacturer or vendor, weight, fertiliser type, N:P: K ratio, recommended uses and application rates.

1.5 PREPARATION

Existing Grass Removal

Herbicide: Spray existing grass with a non-residual glyphosate herbicide in any registered formulae, at the recommended maximum rate. Re-apply herbicide at the recommended maximum rate once initial application has dried and within 3 hours of initial application.

Manual removal: A minimum of 2 weeks after application of herbicide remove existing grass layer.

Weed Eradication

Herbicide: Eradicate existing weeds using environmentally acceptable methods, including a non-residual glyphosate herbicide in any registered formulae, at the recommended maximum rate.

Manual weeding: Remove weed growth throughout grassed areas.

Vegetative Spoil

Disposal: Remove vegetative spoil from site once dead. Do not burn.

Soil Preparation

Subsoil: Remove any debris and level and shape the dry soil surface.

Soil improvement: Add soil improvements as needed e.g., add gypsum to clay soils at recommended rates to increase the porosity of soil before adding top soil. A soil analysis is recommended prior to turfing to provide a true and accurate results for required soil amendments.

Site topsoil or imported topsoil: A minimum of 100mm of quality top soil is recommended before turfing for domestic/residential settings, and 250mm for high traffic or public turfed areas. Recommended ratio of 80% sand to 20% organics. Allow maximum 30 mm set-down to hard surfaces for turf and stolons.

Drainage

Turf requires a free-drainage base for best results. It is critical to ensure a predominantly sand profile is used, and profile is shaped to allow water movements without pooling. For high-traffic and high-profile areas, a detailed drainage plan is recommended prior to turfing.

Starter Fertiliser

Spread recommended starter fertiliser immediately prior to installing. Blend is recommended to include a water crystal/wetting agent for maximum water savings. Mix the fertiliser thoroughly into the topsoil before placing the turf or stolons.

1.6 LAWN SOLUTIONS AUSTRALIA TURFING

Supply

Elapsed time: Deliver the turf within 24 hours of cutting and lay within 8 hours of delivery. Prevent turf from drying out between cutting and laying and store in shade where possible. If not laid within 8 hours of delivery, roll turf out on a flat surface with the grass up, and water as required to maintain a good condition.

Application

General

Method: Lay the turf as follows:

- Stretcher bond pattern with the joints staggered and close butted.
- Parallel with the long sides of level areas, and with contours on slopes.
- Finish flush, after tamping, with adjacent finished surfaces of ground, paving edging or grass areas.

Tamping: Lightly tamp to an even surface immediately after laying or roll with a light roller on completion.

Stabilising on steep slopes: Peg the turf to prevent downslope movement. Remove the pegs when the turf is established or use bio-degradable pegs.

Watering

General: Water immediately after laying until the topsoil is moistened to its full depth. Maintain moisture to full depth by watering daily for the first 2 weeks as a minimum. Please refer and adhere to Lawn Solutions Australia best practice irrigation guide which will be made available to you.

Establishment

General: Maintain irrigation to turfed areas until there is a dense continuous sward of healthy grass over the whole turfed area, evenly green and of a consistent height. Ensure all turf has knitted to the soil by pulling on the edges of slabs/rolls to ensure contact. Once contact is achieved, you can treat as established turf.

Failed turf: Lift failed turf and replace with new turf from the same certified supplier.

Levels: If levels have deviated from the design levels after placing and watering, lift turf and regrade topsoil to achieve design levels.

Fertiliser: Apply lawn fertiliser as per the below maintenance schedule and at other times as required to maintain healthy grass cover. Water immediately after applying fertiliser to prevent leaf burn.

Mowing: Mow to maintain the grass height within the required range as specified in the Sir Grange Zoysia Technical Data Sheet. Do not remove more than one third of the grass height at any one time.

Top dressing: If once established the grass surface needs to be levelled, or if joint lines remain, mow the established turf and remove cuttings. Lightly top dress to a depth of 10 mm. Rub the dressing into the joints and correct any unevenness in the turf surface. Leave at least third of the grass height showing through topsoil. Water thoroughly.

1.7 MAINTENANCE OF ESTABLISHED TURF

Irrigation

Established Sir Grange Zoysia will require at least 30mm of irrigation per week for best results. If this is received naturally (via rainfall), no timed irrigation will be required.

Fertiliser

An application of a balanced NPK fertiliser of 24-2-9 with controlled release nitrogen (CRN) is recommended. Applications times should be as close as possible to September 1st, January 1st and May 1st for best results. Always irrigate after application.

Grub Control

Preventative insecticide applications are recommended. For best results, apply Acelepryn, Acelepryn GR or Grub Guard Ultimate at highest label rates. Application times should be as close as possible to September 1st and February 1st. Application should always adhere to label rates and instructions.

Weed Control

If weeds appear, treat with the relative selective herbicide for the diagnosed weed. Sir Grange is tolerant to all commonly used herbicides but always adhere to label rates and instructions.

Scarification

If thatch build up is noticeable in turfed areas, scarification/verti-cutting is recommended. Timing for this is during September or October for best results.

Top-Dressing

If top-dressing is required, double or triple washed sand must be used.

1.8 LAWN SOLUTIONS AUSTRALIA TURFING

With turf being a naturally farmed product, there is a variety of factors which can alter the minimum thickness, turf roll size and mowing height for each variety and application. For further information consult Lawn Solutions Australia or nearest certified producer.

Turfing schedule

Property	**A**	**B**	**C**
Location			
Variety			
Minimum Thickness			
Turf Roll Size (mm)			
Mowing Height (mm)			

Stolons schedule

Property	**A**	**B**	**C**
Location			
Species or Variety			
Stimulant			
Mowing Height (mm)			