

Denmark Cemetery Usage Analysis and Predicted Trends / Needs - Use of Facilities

Comments	Type	Name	Actual																				Predicted											
			2005		2006		2007		2008		2009		2010		2011		2012		2013		2014		2015		2016		2017		2018		2019		2020	
			Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining
Existing facility	Niche Wall	Ficifolia	3	35	2	33	3	30	3	27	4	23	0	23	3	20	0	23	0	23	1	22	1	21	1	20	1	19	1	18	1	17	1	16
Existing facility	Niche Wall	Jacksoni	2	29	0	29	0	29	2	27	0	27	2	25	0	25	1	24	0	24	1	23	1	22	1	21	1	20	1	19	1	18	1	17
Existing facility	Niche Wall	Kingia Australia	na	na	na	na	na	na	na	na	na	na	na	na	na	188	1	195	0	195	1	194	2	192	2	190	2	188	3	185	3	182	3	179
Existing facility	Memorialisation	Memorial Tree	na	na	na	na	na	na	na	na	na	na	na	na	na	130	0	130	0	130	4	124	4	120	4	116	5	111	5	106	5	101	6	95
Existing facility	Burial Ground	Existing Burial Ground	12	142	8	134	14	120	12	108	2	106	6	100	6	94	8	86	5	81	6	75	6	69	7	62	7	55	5	50	5	45	6	39
Survey expected to confirm approx. 345 sites	Lawn Burial Ground (Headstone Only)	New Burial Ground	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Proposed to be made available post 2013. survey expected to confirm approx. 49 sites.	Natural Earth Burial Ground	Natural Earth Burials	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
		Total Usage pa *	17		10		17		17		6		8		9		10		5															

* DOES NOT INCLUDE

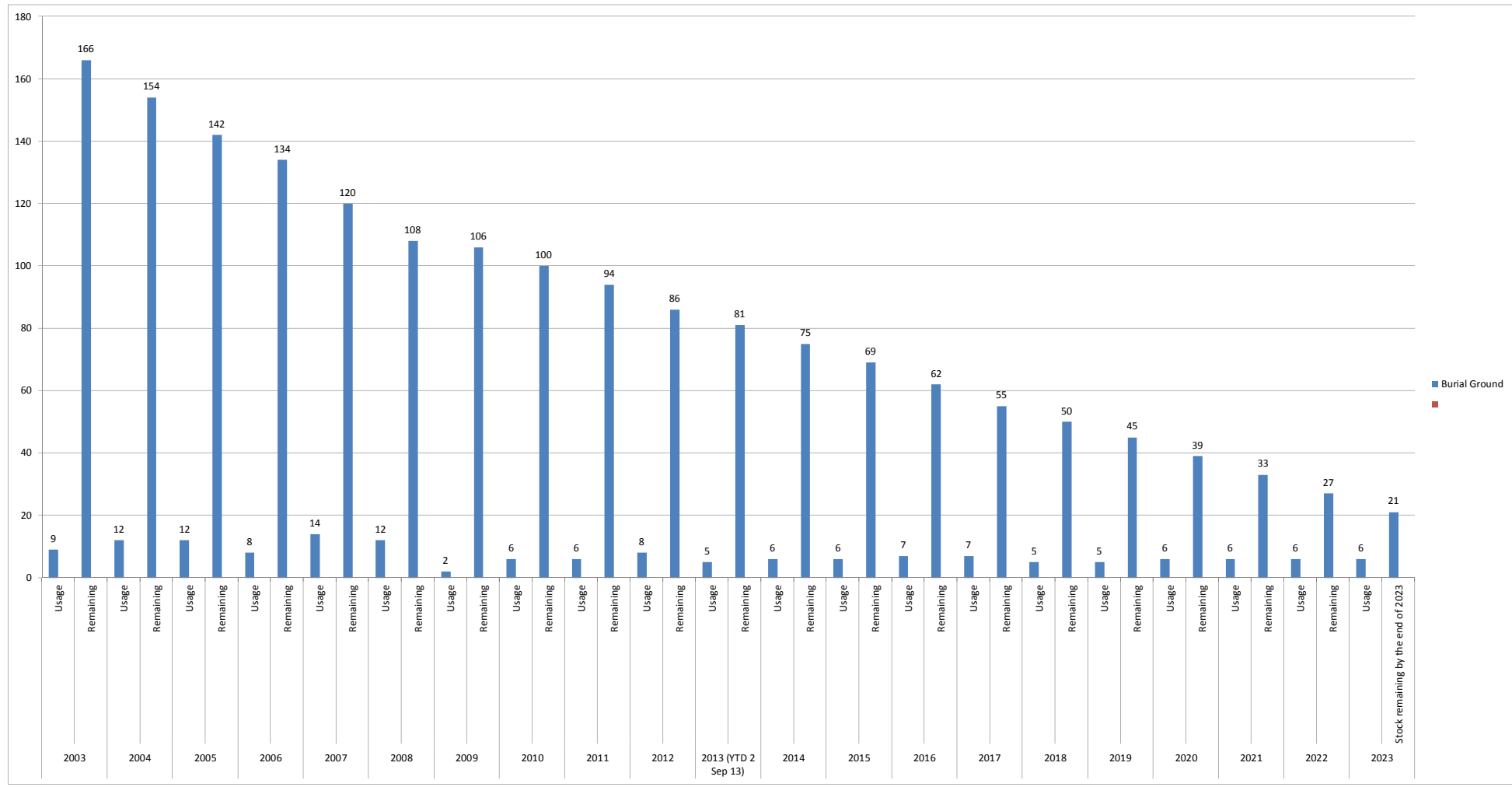
* interments into existing graves (ashes or re-openings)

* subsequent interments into existing facilities (niche walls or memorial tree.

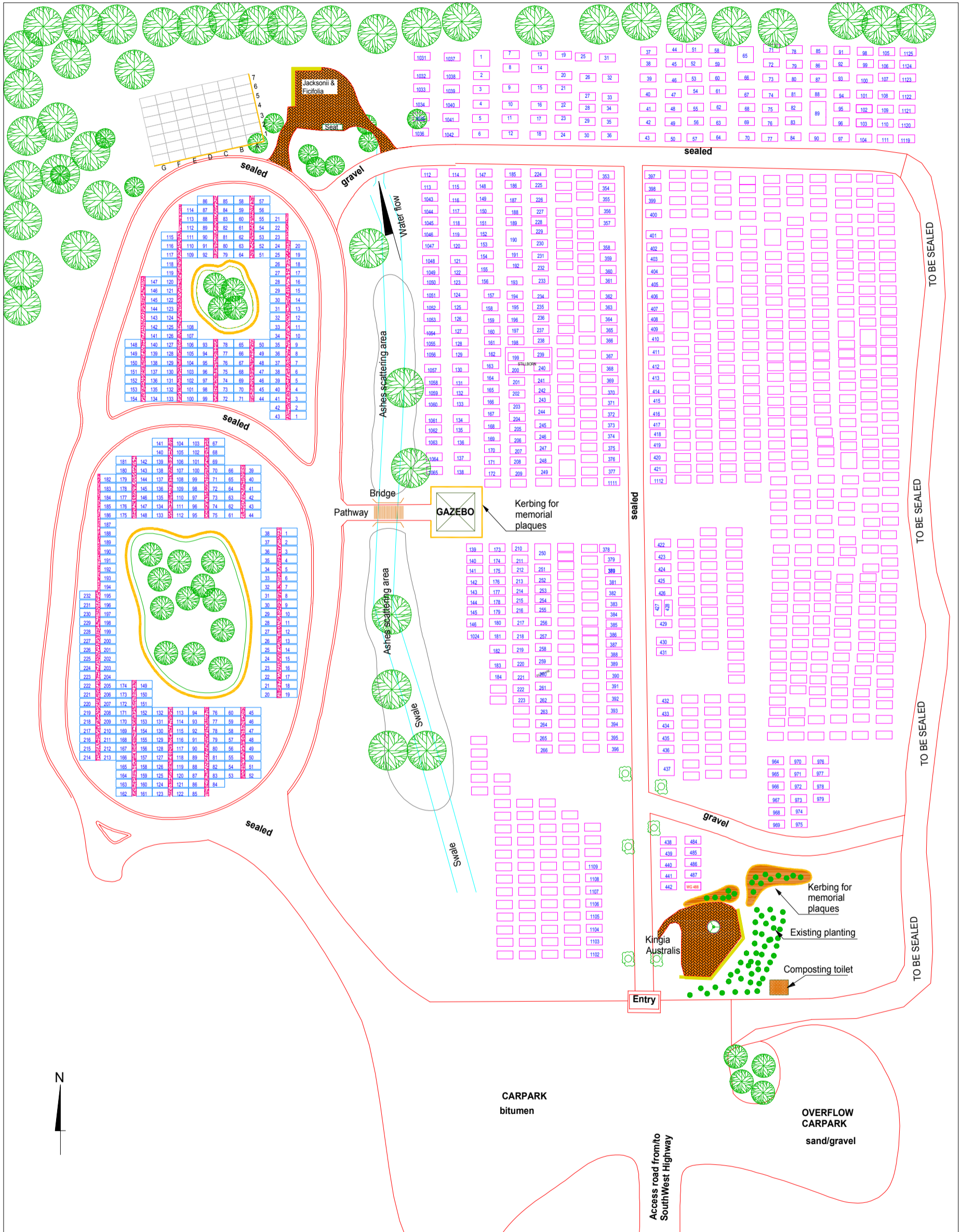
* memorialisation with no interment (eg. Memorial Tree)

Existing Burial Ground

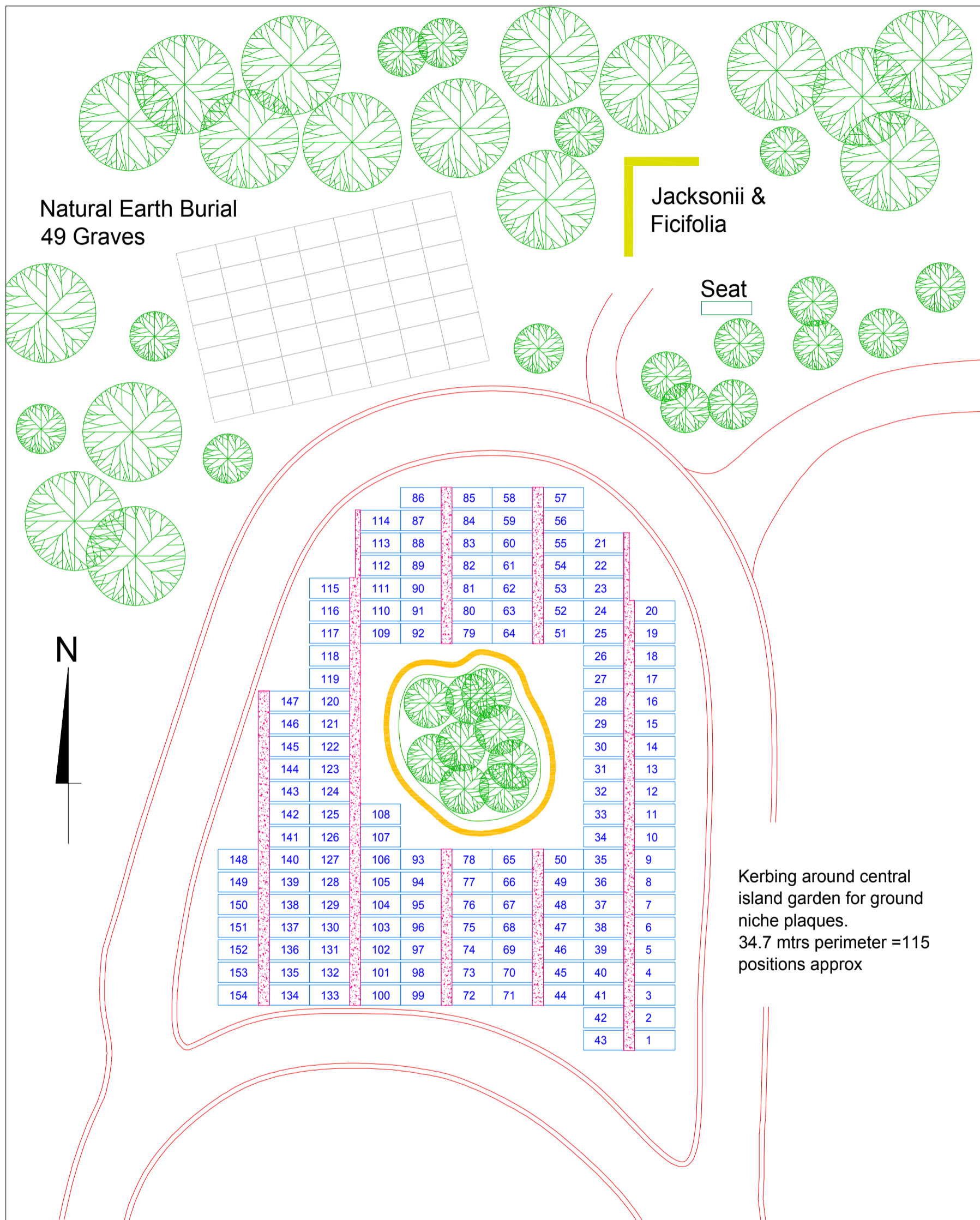
	Actual																							Predicted																		
	2003		2004		2005		2006		2007		2008		2009		2010		2011		2012		2013 (YTD 2 Sep 13)		2014		2015		2016		2017		2018		2019		2020		2021		2022		2023	
	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining	Usage	Remaining
Burial Ground	9	166	12	154	12	142	8	134	14	120	12	108	2	106	6	100	6	94	8	86	5	81	6	75	6	69	7	62	7	55	5	50	5	45	6	39	6	33	6	27	6	21



Realisations:
 10 years of use left until there is only 1 grave site left (this does not include reservations)
 New Burial Ground will be required by no later than 2023 - this includes a safeguard of 21 sites

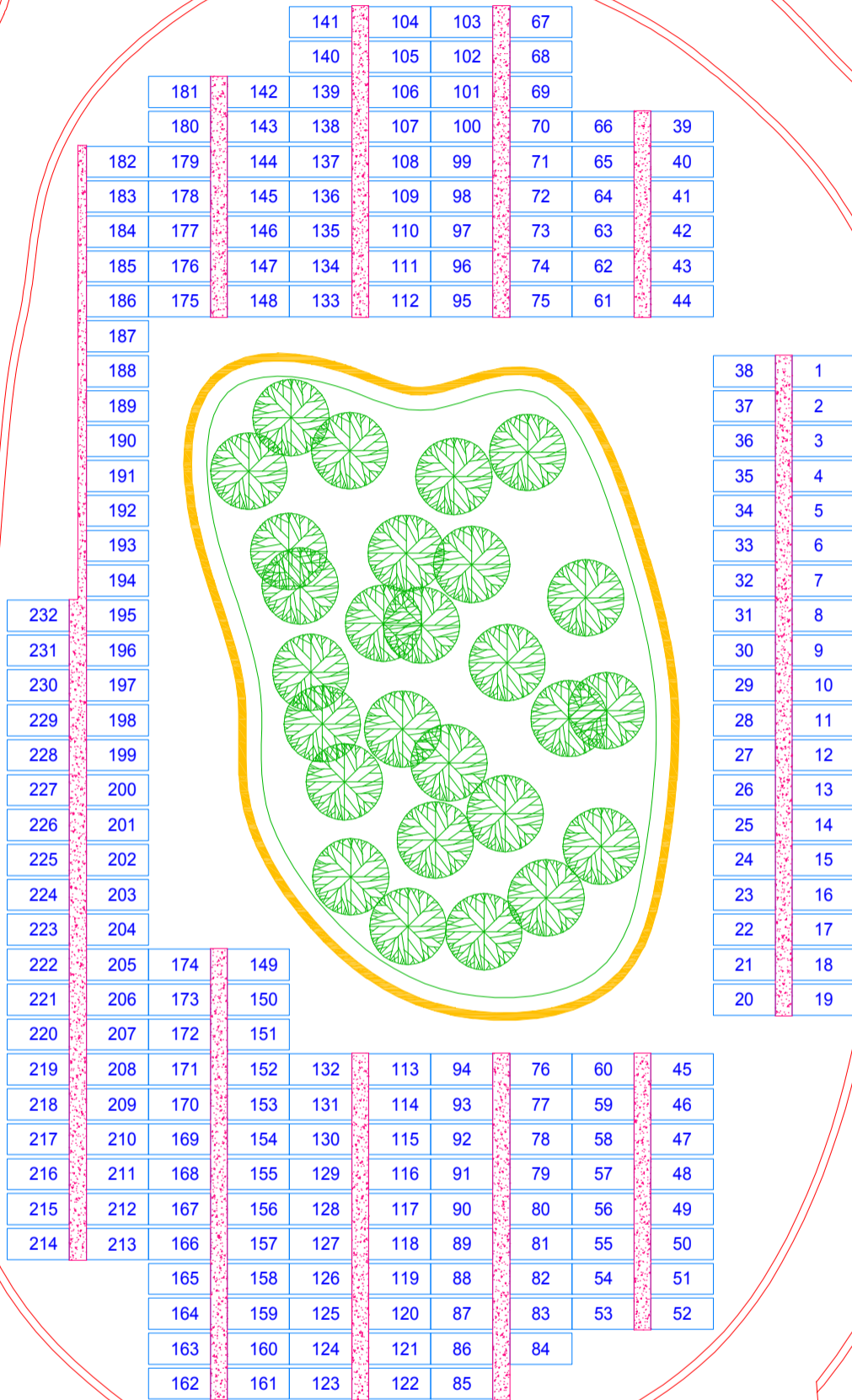


CLIENT	SHIRE of DENMARK	TITLE	DATE	MAY 2013
			DRWN	C.C.
SUBJECT	CONCEPT PLAN	GENERAL CEMETERY ARRANGEMENT FINAL CONCEPT PLAN	SCALE	1 : 600
			DRG No	DC 2000



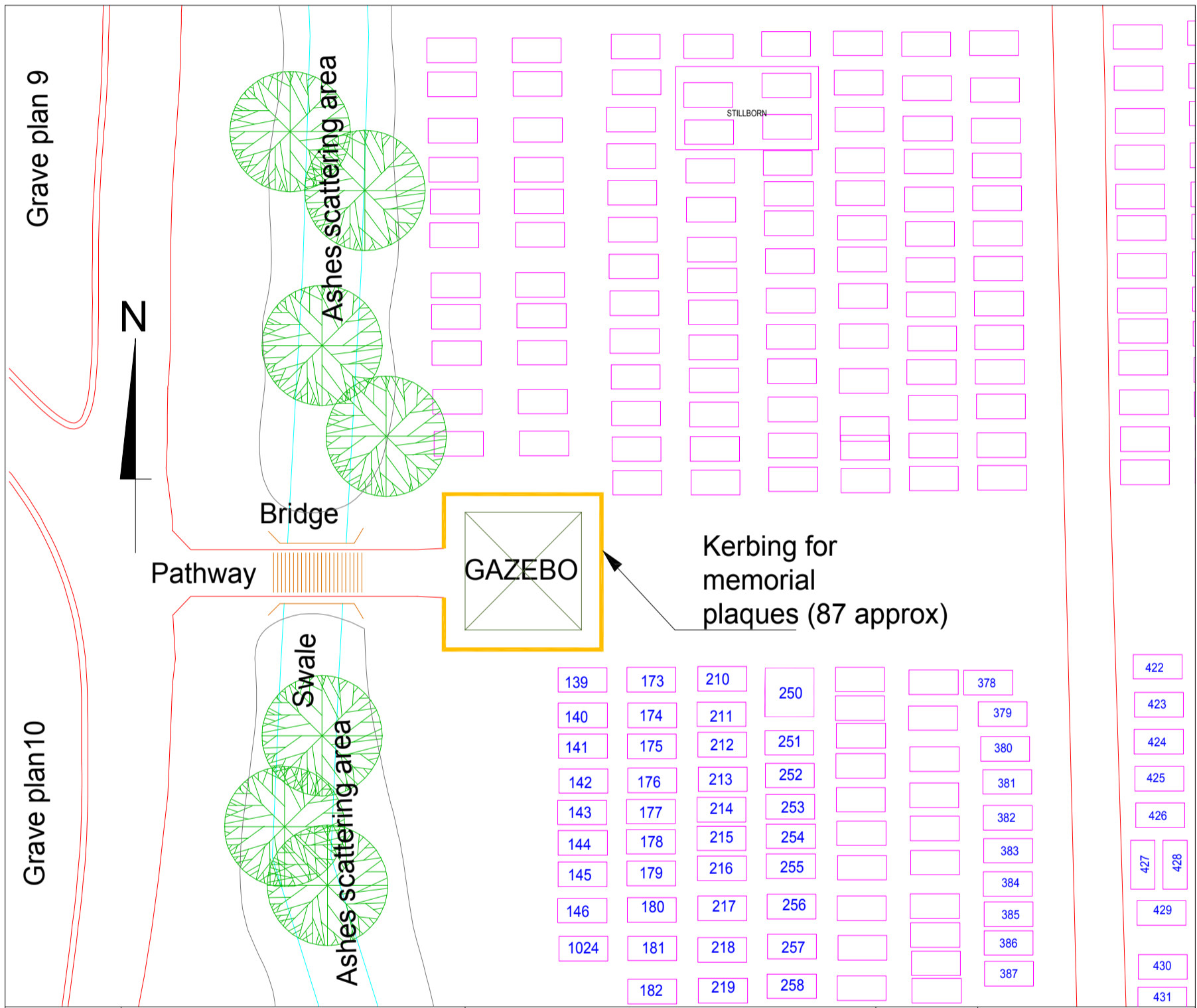
CLIENT	SHIRE of DENMARK	TITLE	DATE	MAY 2013
		GRAVE PLAN 9 LAWN BEAM FINAL CONCEPT	DRWN	C.C
SUBJECT	DRAFT CEMETERY PLANS		SCALE	1: 250
			DRG No	DC 2003

N

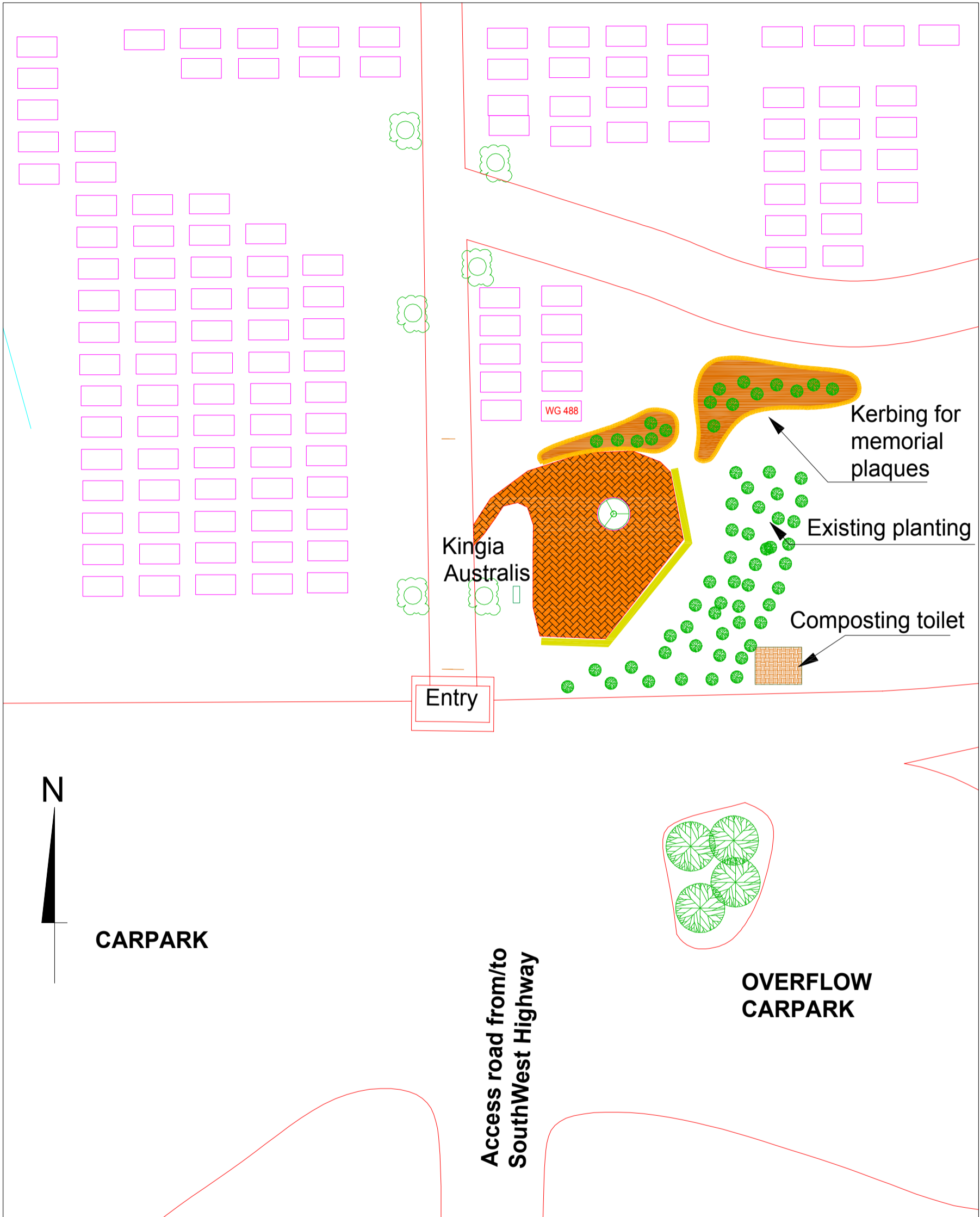


Kerbing around central island garden for ground niche plaques.
76 mtrs perimeter = 230 positions approx

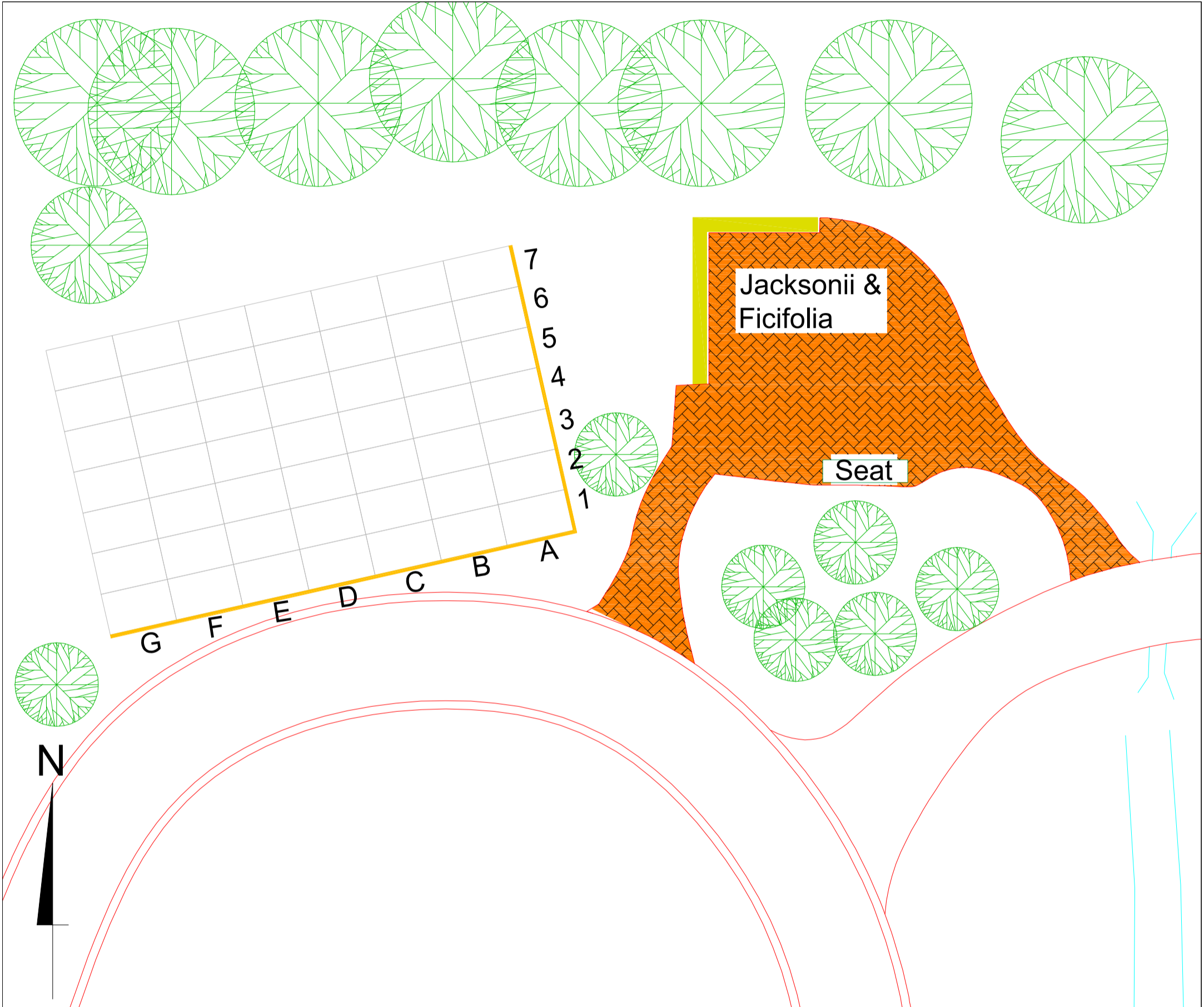
CLIENT	SHIRE of DENMARK	TITLE	DATE	MAY 2013
		GRAVE PLAN 10 LAWN BEAM FINAL CONCEPT	DRWN	C.C
SUBJECT	DRAFT CEMETERY PLANS		SCALE	1: 250
			DRG No	DC 2006



CLIENT	SHIRE of DENMARK	TITLE GAZEBO LINKWAY BETWEEN AREAS	DATE	MAY 2013
			DRWN	C.C
SUBJECT	DRAFT CEMETERY PLANS		SCALE	1: 250
			DRG No	DC 2009



CLIENT	SHIRE of DENMARK	TITLE KINGIA AUSTRALIS DEVELOPMENT	DATE	MAY 2013
			DRWN	C.C
SUBJECT	DRAFT CEMETERY PLANS		SCALE	1: 250
			DRG No	DC 2013



CLIENT	SHIRE of DENMARK	TITLE NATURAL EARTH BURIAL AREA and JACKSONII/FICIFOLIA DEVELOPMENT	DATE	MAY 2013
			DRWN	C.C
SUBJECT	DRAFT CEMETERY PLANS		SCALE	1: 150
			DRG No	DC 2016

Denmark

level of significance

MUNICIPAL HERITAGE INVENTORY

*Considerable*Denmark Public
Cemetery**Place Details**

Place Name:	Denmark Public Cemetery
Other Name:	
Place Type:	Cemetery
Original Use:	Pioneer Burials
Current Use:	General Public Burials/ Niche Wall
Lot/Location No.:	Reserve 11655, Loc 7478 part of 21845 aerial landing ground
Address:	South Coast Highway
Locality:	Denmark
Map Reference:	
HCWA Number:	
ASS Number:	3212
Description:	
Walls:	
Roof:	
Condition:	Good
Integrity:	High

1 October 2013 - Attachment 9.1 d)

The Cemetery is located on the eastern outskirts of the Denmark township on the South Coast Highway. Set back behind a picket fence and a number of mature trees, the cemetery is well ordered and maintained.

History

Construction Date: 1910
Architect: Surveyor Fenton (1919)
Builder:

The original part of the Cemetery (divided into four parts - and labelled "Primitive Methodist, Church of England, Roman Catholic and Presbyterian") consisted of half an acre cleared in the centre of a ten acre reserve. The first burials were conducted in 1910 when four children were buried. Later a portion 20ft x 20ft in the (then) extreme North West corner was fenced off to be used as a Stillbirth Section. The first official plans were drawn up in 1919 by Surveyor Fenton at the cost of £7.7.0. This amount had to be paid in yearly instalments.

Significance

Historic Theme: Community efforts
Sub Theme: Community services

This place has historic and social cultural heritage significance. This is the last resting place of many of Denmark's pioneers. Many headstones are typical of a past age. Much research into the death/burial records has uncovered tragedies such as diphtheria epidemics, drownings and boating accidents on the lake and in dams. Maternal tragedies (many young mothers and their babies died in circumstances which would not occur today) and many premature deaths caused by accidents also took their toll. The early deaths reflect the extreme loneliness, isolation, stress and hardship faced by the early settlers. The cemetery is still in use.

Level of Significance

Considerable

Very important to the heritage of the locality. High degree of integrity/authenticity. Conservation of the place is highly desirable. Any alterations or extensions should reinforce the significance of the place.

Supporting Information

Denmark Historical Society

B McGuinness, *Denmark Cemetery, 1910 -2008*, 3d ed., Denmark WA; Denmark Historical Society, 2008.

Previous Listing

Assessment Date 1999



Original Gate.



DENMARK CEMETERY draft CONCEPT DEVELOPMENT PLAN – Budget Estimates

Project	Estimated Cost	Benefits for Council / Community
Kingia Australis Niche Wall & Memorial Tree		
Landscaping Including Memorial Garden(s) for interment or scattering of ashes.	\$3,000	<ul style="list-style-type: none"> • More aesthetically appealing. • Further / additional memorialisation / interment options (Council asset). • More aesthetically appealing. • Define area • make the area more accessible, particularly for the elderly or people in wheelchairs, gophers etc.. • The gardens would enhance the project and provide interment options (eg. lavender or rosemary garden) where people could also scatter ashes. This would be beneficial for people who wanted to scatter ashes next to the Memorial Tree – where they place a leaf.
Brickpaving Included small garden in front (and length of) Niche Wall.	\$4,000	
Jacksonii & Ficifolia Niche Walls		
Brickpaving Including paths in from current area and out to new area.	\$5,000	<ul style="list-style-type: none"> • Define pathway and help link current with new burial section. • Open up area – make more visible from the rest of the Cemetery – incorporate as part of. • Easier to locate for visitors & families • More aesthetically pleasing particularly for families and friends of loved ones who are already “in the wall”. <p><i>Council still has 47 Niches available for purchase / use and given the installation of the Kingia Australis, these “older” assets need to be refurbished to make them more attractive to buyers. Council Officers have also received complaints that this area has been “forgotten” and one family has relocated their loved one from Jacksonii to Kingia Australis because it was “two upsetting” to leave them where they were.</i></p>
Garden / Landscaping Parkland clear existing – reduce vegetation ‘screen’ on the southern side.	\$3,000	
Refurbishment Includes capping, cleaning & name signs	\$5,000	

Opening up the area by clearing vegetation 'screen' could potentially see more light enter the site thus reducing the "dark and dank" look and the potentially for mould growth.



Figure 1 - View from Eastern Access

Figure 2 - View from Western Access

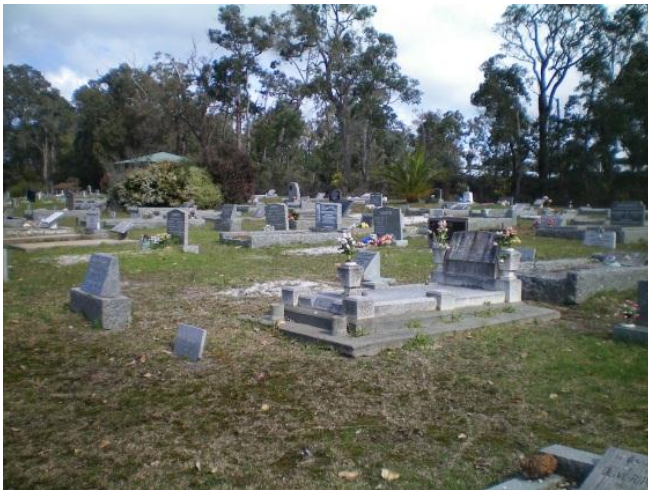
Other

Top dressing of Burial Ground (current)

\$15,000

- Promote lawn growth - aesthetics
- Even surface for easier maintenance

Denmark Lions Club (who have the maintenance contract for the Cemetery) requested this approx. 3 years ago as they find the surface very uneven and the grass "patchy".



Eco Toilet (accessible)

\$30,000

- Convenience for visitors and families

Cemetery Advisory Committee do not list this as a priority but have included in the Concept Plan for future consideration / installation. Visitors used to be able to access toilets, via a bush pathway, on an adjacent reserve but is no longer useable or appropriate.



Figure 3 - Example of an Eco Toilet Block at the Busselton Cemetery

<p>Sealing of Eastern Road</p>	<p>\$7,000</p>	<ul style="list-style-type: none"> • Service road – sealing will make accessible all year round. <p><i>Currently gets very wet & muddy in winter, unable to be used at times.</i></p>
<p>Pedestrian (universally accessible) bridge & pathway between new & current burial grounds</p> <p>Includes pushing through a portion of the vegetation between the current and the new sections.</p>	<p>\$7,000</p>	<ul style="list-style-type: none"> • Enable visitors to walk through to new Burial Ground (& Natural Earth Burial Ground) from “middle” of current section rather than having to walk around the north or south roadways. • Bridge will provide new options for memorialisation (Council asset). <p><i>Cemetery Committee has stored the old fence posts, which have historical significance (from Church’s Farm), to incorporate into the bridge.</i></p>



Figure 4 – Examples of linking bridge (from Pinnaroo Memorial)

<p>Parkland Clear & landscape between current & new burial areas</p> <p>Including seating & kerbing.</p>	<p>\$20,000</p>	<ul style="list-style-type: none"> • Create new interment and memorialisation options (Council assets). • Make the area more aesthetically pleasing. • Assist with linking old burial ground with new. <p><i>Will enable natural bushland gardens to be created (defined) which can be used for interment of ashes and/or memorialisation. Seats & kerbing can also be used for memorialisation.</i></p>
---	-----------------	---



<p>Update Signage</p> <p>Internal signage – to niche walls, new burials grounds,</p>	<p>\$3,000</p>	<ul style="list-style-type: none"> • Assist visitors to navigate around the Cemetery and find loved ones / sites. <p><i>This will assist visitors as well assist potential customers</i></p>
---	----------------	---

Gatehouse signage (including QR Code) & new interment / memorialisation areas (gardens)		<i>identify the different areas (assets and options) within the Cemetery.</i>
---	--	---

Gazebo Area

Paving	\$4,000	<ul style="list-style-type: none"> • lead visitors through to walkway between old and new sections. • Create bigger area for funeral services • Creating of definition and interment of ashes or memorialisation (Council asset). Approx. 87 positions. <p><i>This will use the gazebo as more of a focal point and the area where visitors can walk through from one section to another, there is potential to establish memorialisation options within the gazebo (Council asset).</i></p>
---------------	---------	---



Figure 5 - Gazebo at the Denmark Cemetery along pathway (Pinnaroo)




Figure 6 - Example of Interment positions Memorial)

New Burial Area(s)

<p>New Natural Earth Burial (NEB) Ground</p> <p>Parkland Clear, Survey and installation of memorial wall</p>	\$7,000	<ul style="list-style-type: none"> • New burial option <p><i>Natural Earth Burials (NEB) has been considered by the Cemetery Advisory Committee for a number of years and would like to provide the option for people. The Committee would like to install a 'wall' where people can place plaques for their loved ones who are buried in the NEB ground.</i></p>
---	---------	--



Survey – new Burial Ground	\$3,000	<ul style="list-style-type: none"> • Required in order to continue providing burial areas within the Denmark Cemetery. • Enable Council to keep operating at the existing Reserve site. • Provide approx. 368 new sites (av. 12 burials/year = 30.67 years of asset) * <p><i>This new area will be required by 2017, if not earlier,</i></p>
-----------------------------------	---------	---

		<p><i>based on the current burial statistics for Denmark. A survey is required to enable a map and grave sites to be marked – these records are required under the Cemeteries Act 1986.</i></p> <p><i>* Industry trend is 65% / 35% towards cremation. (ie. current burial trend for the Denmark Cemetery could alter as more interment and memorialisation options are provided).</i></p>
<p>Installation of Headstone Plinths for new Lawn Burial Ground (Headstone Only)</p>	<p>\$22,000</p>	<ul style="list-style-type: none"> • Ensures maximum use of the site • Easier to maintain – mowing etc.. • Approx. 270 metres length (750mm – 800mm wide, approx.. 150mm deep & reinforced mesh) x \$81p/metre = \$21,870.00 (based on doubling of single plinth installed at Albany Cemetery). <p><i>The Cemetery Advisory Committee recommend that the new burial area be a lawn, headstone only site. These sites tend to look neater and are much easier to maintain.</i></p>
<p>Kerbing – Creation of 2 memorial garden areas – centre of new Lawn Burial Ground (Headstone Only)</p>	<p>\$12,000</p>	<ul style="list-style-type: none"> • Aesthetically appealing – create contained garden area in the centre of each burial ground (north and south). • Creation of interment and / or memorialisation options (Council Asset) – approx. 345 positions on kerbing <p><i>This will provide further interment options for families.</i></p>
<p>TOTAL ESTIMATED COST</p>	<p>\$150,000</p>	

