



## APPENDIX G, H & I: PRELIMINARY PROJECT LISTS

**Appendix G:Rodney District - Proposed Walkways and Cycleways - Eastern (Hibiscus Coast) Ward - Preliminary Project List**

Timeframe (years)	Identifier	Name of Road/School (roll)/commercial centre or town	Physical Description & C/W generator	Route Distance (m)	Facility type(Walkway, Cycleway, combined C/W)	Safety Issues	Engineering Cost Estimate (ROC), excl. land purchase & end point facilities (\$ March 2007)	Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
		<b>Schools(15)</b>						
1 - 5	1ES	Orewa College (1458), Orewa Shopping Centre	Centreway Rd from Milton Road to Weiti Road	400	W	Completes link		Completed in 05/06 Other connections to be provided by West Orewa Walkway (item 6EC)
1 - 5	2ES	Kingsway School (642), Red Beach Primary School (610), Silverdale commercial area & new Silverdale Primary School (200)	Whangaparaoa Rd from Hibiscus Coast Highway (SH1) to Red Beach Road. Connections to Orewa also to be provided by West Orewa Walkway (item 6EC)	1500	C/W	High traffic volumes. Provides facility for cyclists		Footpath on north side of road. Provide C/W 2.2m wide. Now under construction (06/07)
1 - 5	3ES	Stanmore Bay Primary School (633)	D'Oyly Reserve from D'Oyly Avenue to Brightside Road	1000	C/W	Provision of safe(road safety) off-road school route		Completed in 05/06
1 - 5	4ES	Kingsway School(642), Silverdale Commercial Area	Hibiscus Coast Highway(SH1) from Jelas Road to Moffat Rd	350	C/W	High traffic volumes on SH1. Completes link	C/W \$350k	No Footpath on west side of road. Provide C/W 2.2m wide. Moderate construction difficulty.
1 - 5	5ES	Red Beach Primary School (610) , Red Beach Shopping Centre	Red Beach Rd from Hibiscus Coast Highway (SH1) to Albert Hall Drive	1000	C	High traffic volumes. Provides facility for cyclists	C \$100k	Cycleway on road pavement. Ped. counts 145(am peak),221(pm peak).Cyclists counts 16(am peak) , 14 (pm peak).
1 - 5	6ES	Hibiscus Coast Intermediate School (670), Whangaparaoa College (100),Whangaparaoa Town Centre, Hibiscus Coast Leisure Centre	Stanmore Bay Rd from Whangaparaoa Road to Brightside Road.	1300	C/W	High traffic volumes. Provides facility for cyclists	Enabling \$450k C/W \$250k	Footpath on west side and part of east side. Provide C/W 2.2m wide. Difficult construction. Service relocation required, retaining walls and regrading of driveways.
1 - 5	7ES	Hibiscus Coast Intermediate School, Whangaparaoa College, Whangaparaoa Town centre, Hibiscus Coast Leisure Centre	Brightside Rd from Stanmore Bay Road to Hibiscus Coast Leisure Centre	360	C/W	High traffic volumes. Provides facility for cyclists	Enabling \$45k Bridge \$75k C/W \$70k	Footpath south side only. Provide C/W 2.2m wide. Difficult construction. Service relocation required, retaining walls, regrading of driveways and foot bridge(16m).
1 - 5	8ES	Hibiscus Coast Intermediate School, Whangaparaoa College	Whangaparaoa Rd from Whangaparaoa Shopping Centre to Rakino Avenue (Stage 1)	1200	C/W	High traffic volumes. Provides facility for cyclists	Enabling \$200k C/W \$225k	Footpath both sides of road. Provide C/W 2.2m wide. Difficult construction. Service relocation required, retaining walls and regrading of driveways.
1 - 5	9ES	Hibiscus Coast Intermediate School, Whangaparaoa College,also Whangaparaoa Town Centre	Whangaparaoa Rd from Rakino Avenue to Rawhiti Road (Stage 2)	1200	C/W	High traffic volumes. Provides facility for cyclists	Enabling \$200k C/W \$225k	Footpath both sides of road. Provide C/W 2.2m wide. Difficult construction. Service relocation required, retaining walls and regrading of driveways.
1 - 5	10ES	Hibiscus Coast Intermediate School, Whangaparaoa College,also Whangaparaoa Town Centre	Whangaparaoa Rd from Rawhiti Road to Beach Rd (Stage 3)	700	C/W	High traffic volumes. Provides facility for cyclists	\$400k	Provide C/W 2.2m wide. Difficult construction. Service relocation required, retaining walls and regrading of driveways.
1 - 5	11ES	Maire Rd Primary School(opened 2006)	Maire Rd between school and Grand Drive	400	W	Safety issues with school traffic and high traffic flows on Grand Drive		New primary school opened in 2006.Walkway on Maire Rd completed in 05/06.

**Appendix G:Rodney District - Proposed Walkways and Cycleways - Eastern (Hibiscus Coast) Ward - Preliminary Project List**

Timeframe (years)	Identifier	Name of Road/School (roll)/commercial centre or town	Physical Description & C/W generator	Route Distance (m)	Facility type(Walkway, Cycleway, combined C/W)	Safety Issues	Engineering Cost Estimate (ROC), excl. land purchase & end point facilities (\$ March 2007)	Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
1 - 5	12ES	Orewa North School (379)	Review if new works required					Well served with existing footpaths-discuss with school/community possible new routes
1 - 5	13ES	Orewa Primary School (441)	Review if new works required					Well served with existing footpaths-discuss with school/community possible new routes
1 - 5	14ES	Whangaparaoa Primary School (638)	Review if new works required					Well served with existing footpaths-discuss with school/community possible new routes
1 - 5	15ES	Gulf Harbour Primary School (540)	Review if new works required					Well served with existing footpaths-discuss with school/community possible new routes
1 - 5	16ES	Wentworth College (48)	Review if new works required					Discuss cycleway needs with school/community
1 - 5	17ES	The Happy Rainbow Primary School (55)	Review if new works required					School in rural setting. Discuss C & W needs with school
1 - 5	18ES	Stella Maris Primary School (101)	Review if new works required					School adjacent to new Parkway development. Linkage to Parkway already in item 9EC.
		<b>Commercial/town centres links to residential areas</b>						
1 - 5	1EC	Orewa Shopping Centre	Hibiscus Coast Highway (SH1) from Kohu Street to Marine View	600	C/W	High traffic volumes. Provides facility for pedestrians. Completes link	\$75k	No footpath east side of road. Provide C/W 2.2m wide.
1 - 5	2EC	Whangaparaoa Town Centre, Whangaparaoa Commercial Area	Whangaparaoa Rd from Link Cres to Plaza	300	W	High traffic volumes. Provides facility for pedestrians	\$55k	Completes link in network
1 - 5	3EC	Whangaparaoa Town Centre, Whangaparaoa Commercial Area	Whangaparaoa Rd from Karepiro Drive to Link Cres	300	C/W	High traffic volumes. Provides facility for cyclists & pedestrians	C/W \$60k	No footpath south side of road. Provide C/W 2.2m wide. Easy construction
1 - 5	4EC	Whangaparaoa Town Centre, Whangaparaoa Commercial Area	Whangaparaoa Rd from Arklow lane to Karepiro Drive (links to Whangaparaoa Shopping Centre)	700	C/W	High traffic volumes. Provides facility for cyclists & pedestrians	C/W \$150k	No footpath south side of road. Provide C/W 2.2m wide.
1 - 5	5EC	Orewa Shopping Centre	Hibiscus Coast Highway (SH1) from Puriri Ave to Kohu Street	300	C/W	High traffic volumes. Provides facility for pedestrians. Completes link	Enabling \$50k C/W \$55k	No footpath east side of road. Provide C/W 2.2m wide.
1 - 5	6EC	Orewa College, Orewa Shopping Centre, Residential Development, other schools(Kingsway, new Silverdale Primary)	West Orewa Walkway, Orewa (around Orewa River estuary)	4600	C/W	Provides facility for cyclists/pedestrians. Completes link	Approx. \$1M	No footpath. Provide C/W 2.2m wide. Moderate construction difficulty. Will pass through a bridge to be constructed by delelopers.

**Appendix G:Rodney District - Proposed Walkways and Cycleways - Eastern (Hibiscus Coast) Ward - Preliminary Project List**

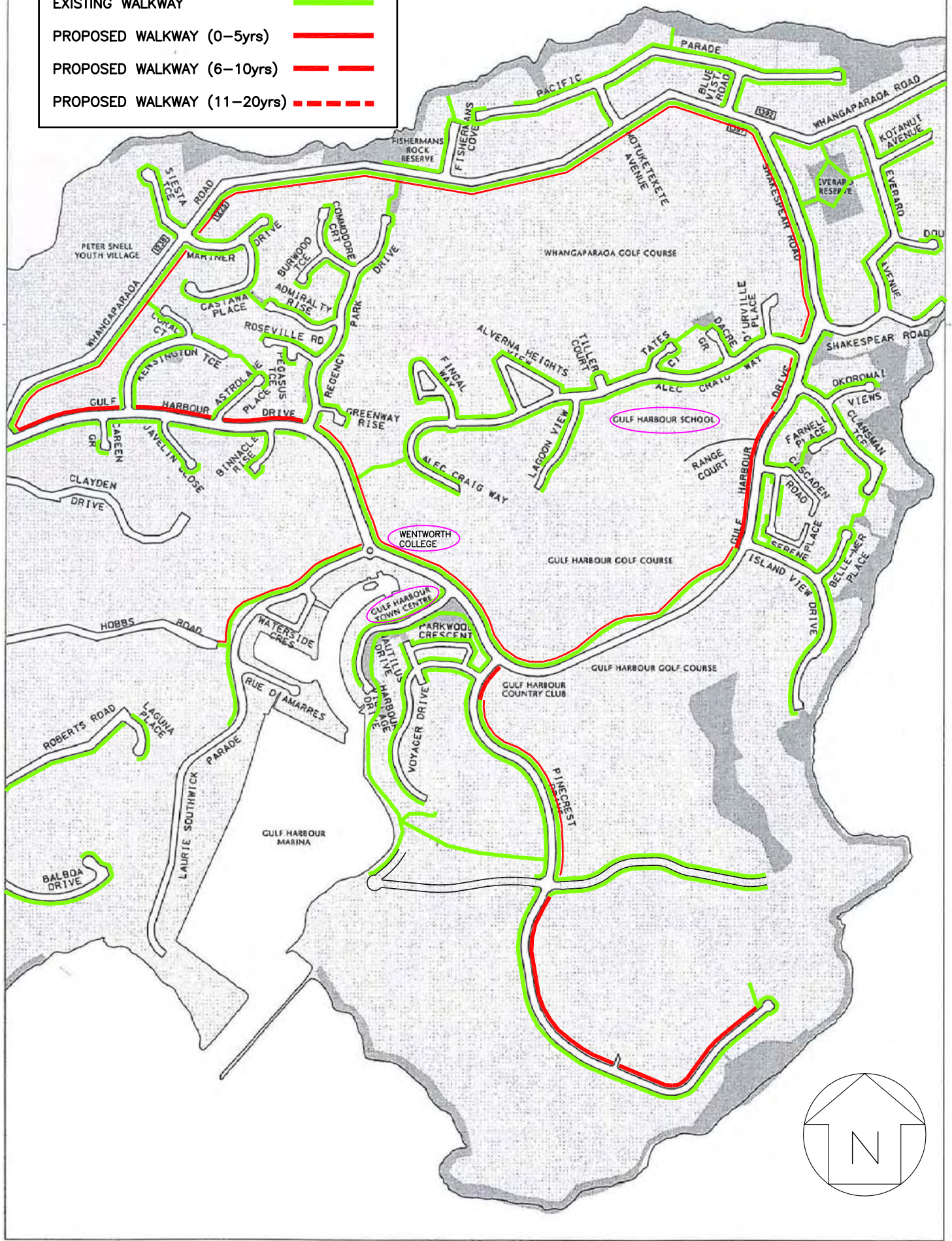
Timeframe (years)	Identifier	Name of Road/School (roll)/commercial centre or town	Physical Description & C/W generator	Route Distance (m)	Facility type(Walkway, Cycleway, combined C/W)	Safety Issues	Engineering Cost Estimate (ROC), excl. land purchase & end point facilities (\$ March 2007)	Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
6 - 10	7EC	Silverdale commercial area,Stella Maris School	Hibiscus Coast Highway (SH1) from Whangaparaoa Rd to Wainui Rd,on west side of highway	500	C/W	Provides facility for cyclists/pedestrians. Completes link	Not calculated as need Transit NZ approval	Completes link in network
1 - 5	8EC	Silverdale-Knowledge Economy Zone development	Several linked C & W facilities, as an integral part of the development	1500	C/W		Cost estimates still to be determined	New C & W facilities as part of development
1 - 5	9EC	Silverdale -Parkway development ( Stage 1)	Several linked C & W facilities, as an integral part of the development	5000	C/W		Cost estimates still to be determined	New C & W facilities as part of development
1 - 5	10EC	Stillwater ,residential link to bus-stop	Walkway along Duck Creek Rd from Stillwater Reserve to Snapper Rd intersection(bus-stop)	400	W	Provides pedestrian link to bus-stop.	\$150k	No footpath. Provide walkway. Moderate construction difficulty.
1 - 5	11EC	Hibiscus Coast Highway (SH1)-Silverdale Bowling Club/Rugby Club link to Silverdale commercial area/public transport depot	Walkway/cycleway linking Silverdale Bowling Club/Sports fields to Silverdale village and bus-stop	800	C/W	Provides pedestrian link to bus-stop & pedestrian /cyclist link to Silverdale shops.	Cost estimates still to be determined	Development of this project to be co-ordinated with Transit NZ initiatives for the adjacent Hibiscus Coast Highway.
1 - 5	12EC	Whangaparaoa Town Centre, Whangaparaoa Commercial Area	Brightside Rd (links Stanmore Bay residents to Whangaparaoa Shopping Centre)	500	C/W	Reasonably high traffic volumes. Provides facility for cyclists & pedestrians	C/W \$150k	Provide combined C/W facility 2.2m wide.
6 - 10	13EC	Silverdale -Parkway development ( Stage 2)	Several linked C & W facilities, as an integral part of the development	5000	C/W		Cost estimates still to be determined	New C & W facilities as part of development
		<b>Arterials &amp; State Highways(medium distance work routes)</b>						
1 - 5	1EA	Manly -safe access along Beach Rd	Beach Rd , Manly	600	C		\$200k	Encourage cycling for short trips
1 - 5	2EA	Stanmore Bay connection to Whangaparaoa town centre & commercial area	Glanville Close to Whangaparaoa town centre.Part of network to provide work and commerce link	1000	C		\$200k	Encourage cycling for short trips
1 - 5	3EA	Cycleway-Gulf Harbour ,including ferry terminal access	Hobbs Rd,Lawrie Southwick Parade,Gulf Harbour Drive,Shakespear Rd,Whangaparaoa Rd	3700	C		\$600k	Encourage cycling for short trips , linkage to ferry terminal
1 - 5	4EA	Cycleway-Pinecrest,Hobbs Bay	Pinecrest Drive to Hobbs Bay	1800	C		\$300k	Encourage cycling for short trips

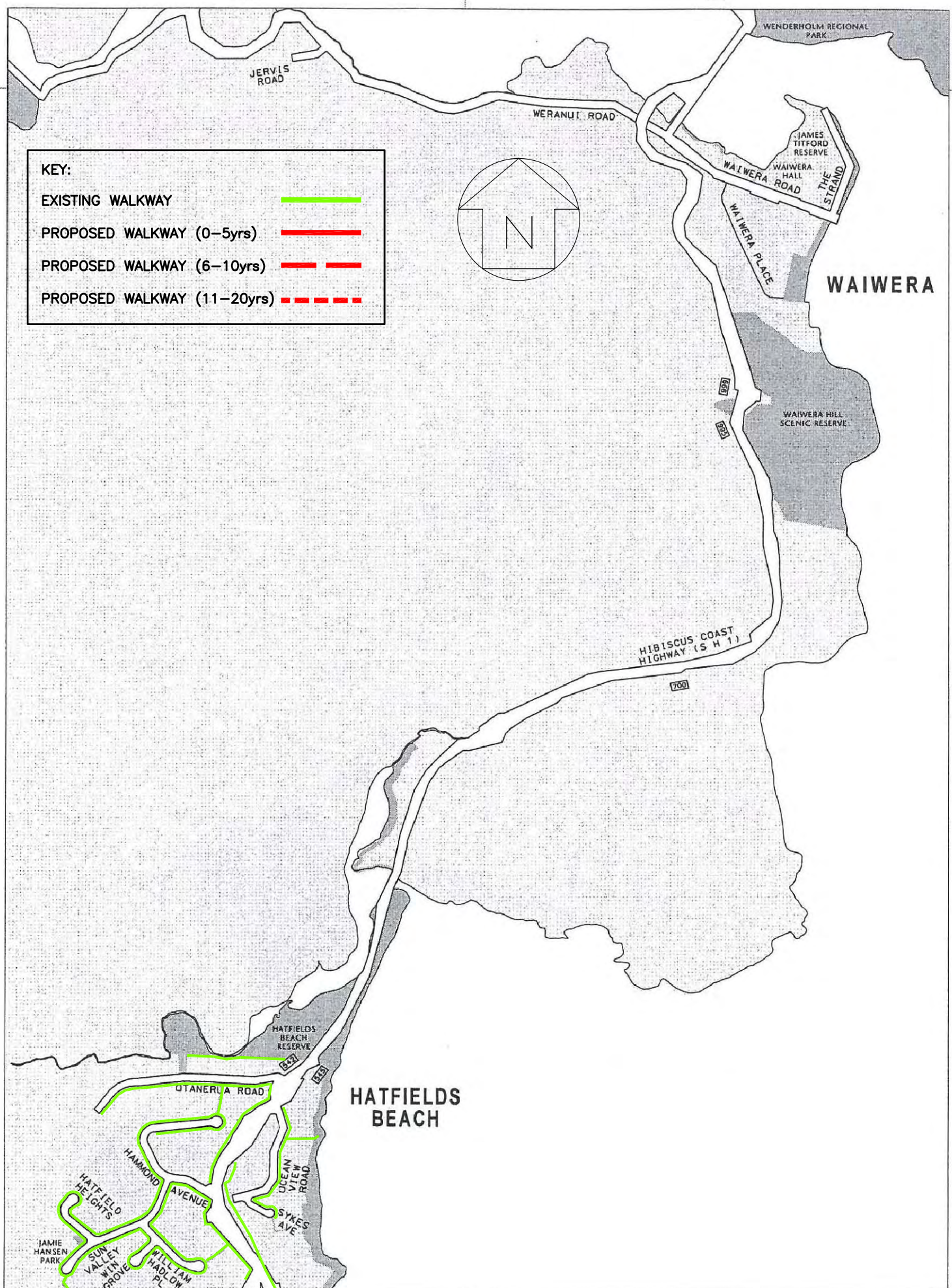
**Appendix G:Rodney District - Proposed Walkways and Cycleways - Eastern (Hibiscus Coast) Ward - Preliminary Project List**

<b>Timeframe (years)</b>	<b>Identifier</b>	<b>Name of Road/School (roll)/commercial centre or town</b>	<b>Physical Description &amp; C/W generator</b>	<b>Route Distance (m)</b>	<b>Facility type(Walkway, Cycleway, combined C/W)</b>	<b>Safety Issues</b>	<b>Engineering Cost Estimate (ROC), excl. land purchase &amp; end point facilities (\$ March 2007)</b>	<b>Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)</b>
1 - 5	5EA	Cycleway-Whangaparaoa Town centre to the Esplanade, Manly	Manly connection to Whangaparaoa town centre & commercial area	3000	C		\$500k	Encourage cycling for short trips
1 - 5	6EA	Cycleway-Whangaparaoa Rd, Manly	Whangaparaoa Rd - Beach Rd to the end, Manly.Part of network to provide work and commerce link	6000	C		\$1125k	Encourage cycling for short trips
1 - 5	7EA	Cycleway/walkway - Chenery Rd to Fairhaven Walk	Chenery Rd to Fairhaven Walk	5000	C/W		\$500k	Encourage cycling/walking for short trips
1 - 5	8EA	SH 1(Waiwera to Orewa)	SH 1 from Waiwera to Orewa - work and commerce link	6000	C	High traffic volumes on SH 1 and some steep hills to traverse	Not calculated as need Transit NZ approval	Provide Cycleway on-road both directions ,where sufficient width exists , following completion of Northern Motorway to Puhoi
1 - 5	9EA	Penlink - Stillwater to East Coast Rd	Provide cycleway connection between Stillwater and Redvale (on East Coast Rd) to later link with proposed East Coast Rd cycleway (Project 10 EA below)	5000	C	The investigations/design for Penlink project to include for safe cycle access.	Cost estimates still to be determined	The proposed Penlink project to include for a cycleway- as part of a long distance cycle route connecting Stillwater with the East Coast Bays of North Shore City.
6 - 10	10EA	East Coast Rd(Silverdale to Lonely Track Rd )	East Coast Rd from Silverdale to Lonely Track Rd to join existing North Shore City cycleway	11300	C	Limited carriageway width in some areas	Cost estimates still to be determined	Provide Cycleway on-road both directions, where sufficient width exists

KEY:

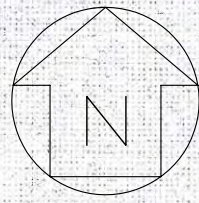
- EXISTING WALKWAY
- PROPOSED WALKWAY (0-5yrs)
- PROPOSED WALKWAY (6-10yrs)
- PROPOSED WALKWAY (11-20yrs)





**KEY:**

EXISTING WALKWAY	
PROPOSED WALKWAY (0-5yrs)	
PROPOSED WALKWAY (6-10yrs)	
PROPOSED WALKWAY (11-20yrs)	



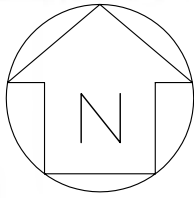
**PROJENZ**  
Professional Engineering Services

PO Box 301 254  
Albany  
Auckland

Ph 09-913-3688  
Fax 09-415-5064  
Email  
admin@projenz.co.nz

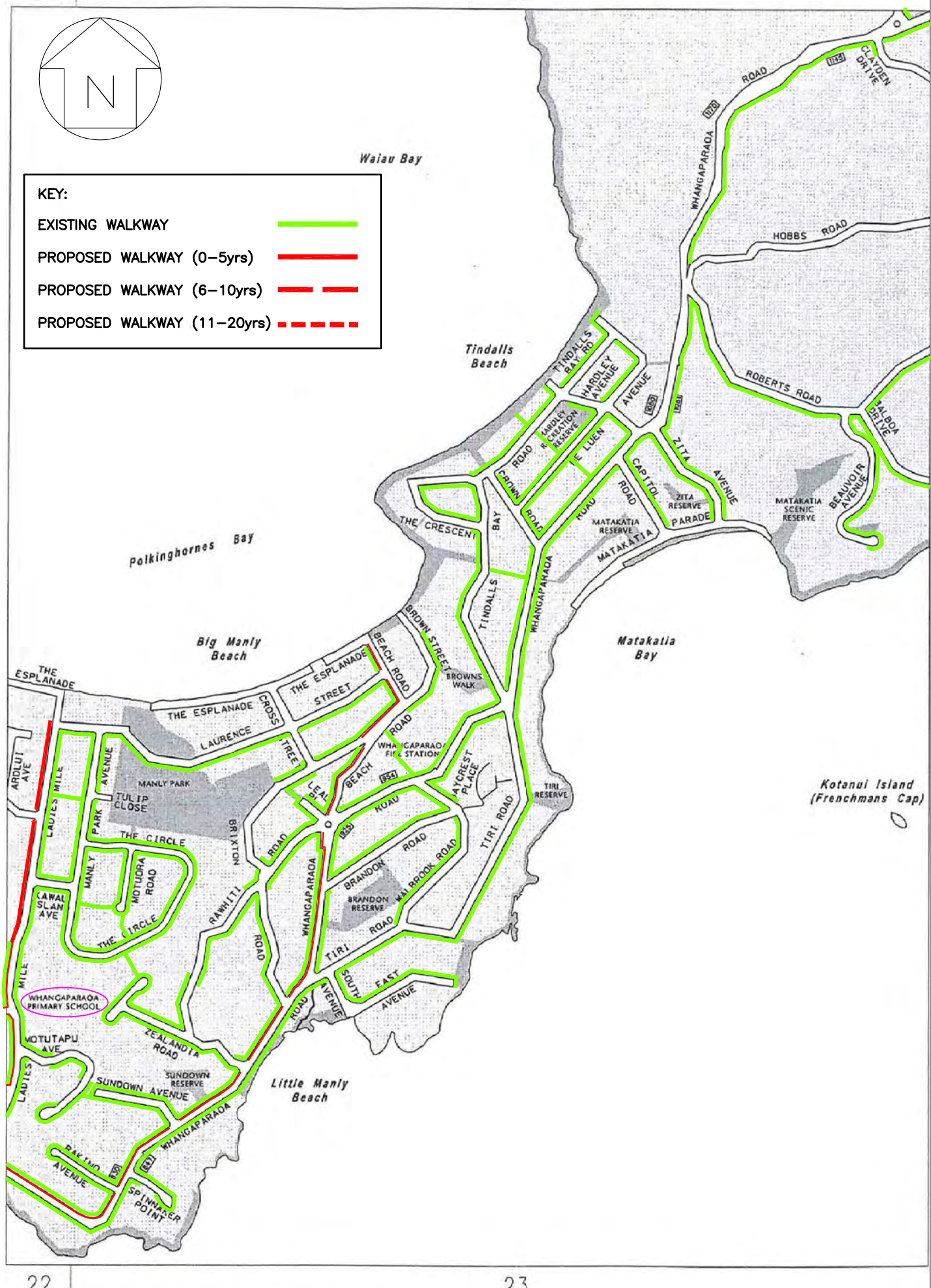
TITLE	<b>HATFIELDS WALKWAY PLAN</b>	
CLIENT	RODNEY DISTRICT COUNCIL	

DATE	SEPT 2005	SCALE	1:14,000
DRAWING NUMBER	0450-078-C-HAT	REV	



**KEY:**

EXISTING WALKWAY	
PROPOSED WALKWAY (0-5yrs)	
PROPOSED WALKWAY (6-10yrs)	
PROPOSED WALKWAY (11-20yrs)	



**PROJENZ**  
Professional Engineering Services

PO Box 301 254  
Albany  
Auckland

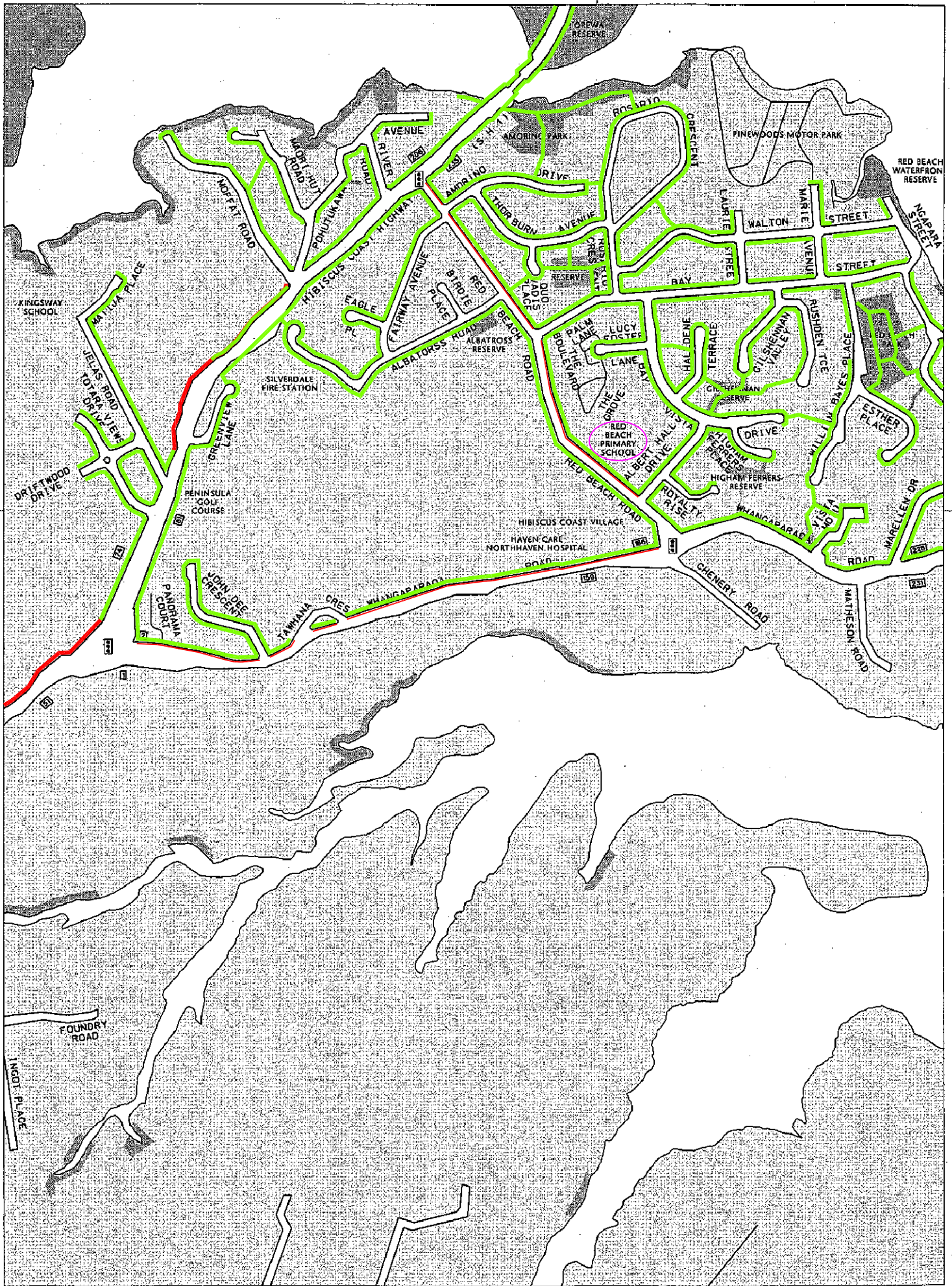
Ph 09-913-3688  
Fax 09-415-5064  
Email  
admin@projenz.co.nz

TITLE  
**MANLY WALKWAY PLAN**

CLIENT  
RODNEY DISTRICT COUNCIL

DATE MAR 2006	SCALE 1:14,000
DRAWING NUMBER 0450-078-C-Manly	REV





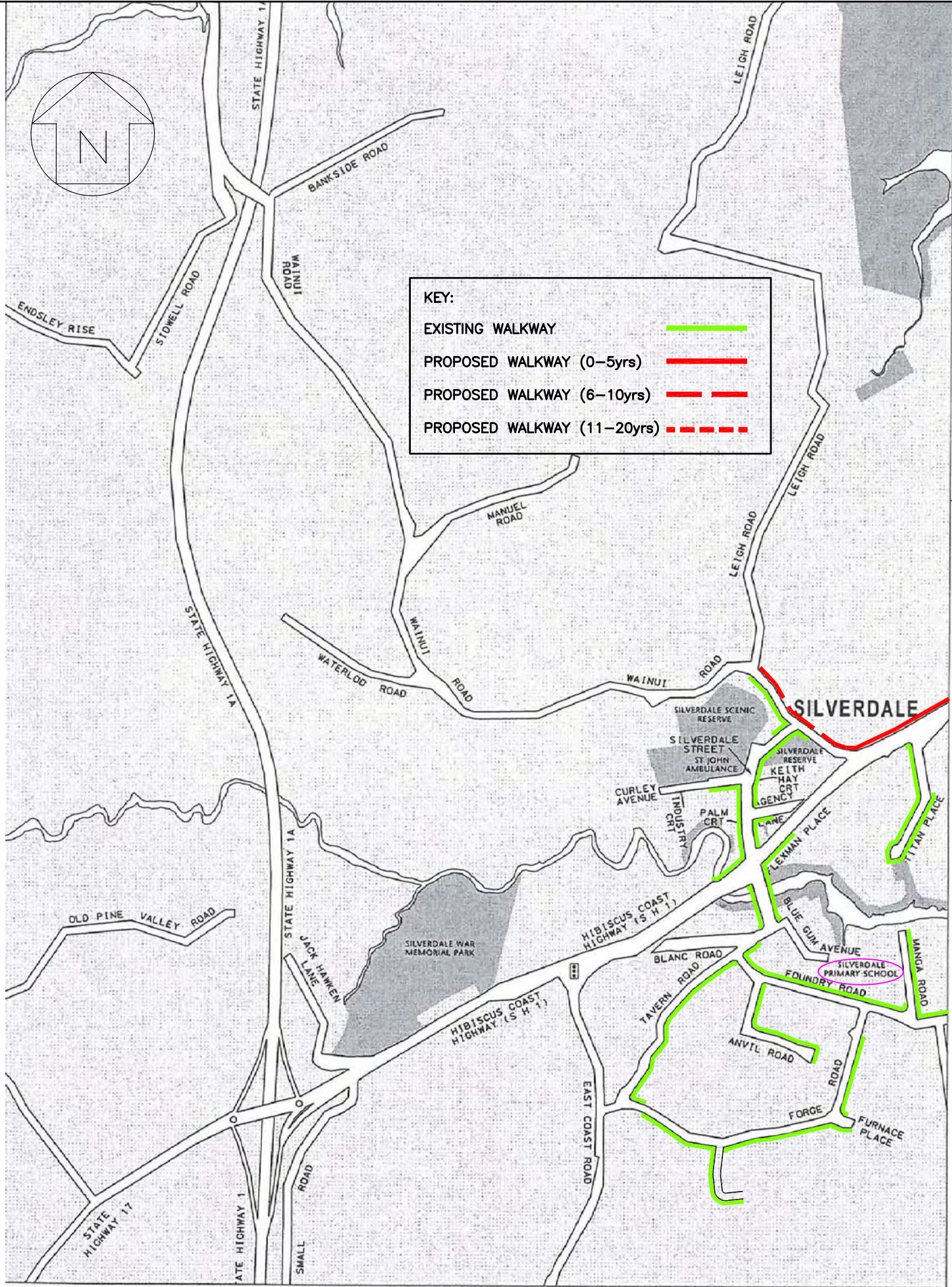
**PROJENZ**  
Professional Engineering Services

PO Box 301 254 Albany Auckland  
Ph 09-913-3688 Fax 09-415-5064  
Email admin@projenz.co.nz

TITLE  
**RED BEACH WALKWAY PLAN**

CLIENT  
RODNEY DISTRICT COUNCIL

DATE NOV 2005	SCALE 1:14,000
DRAWING NUMBER 0450-078-C-Red Beach	REV



19

20



PO Box 301 254 Albany Auckland  
 Ph 09-913-3688 Fax 09-415-5064  
 Email admin@projenz.co.nz

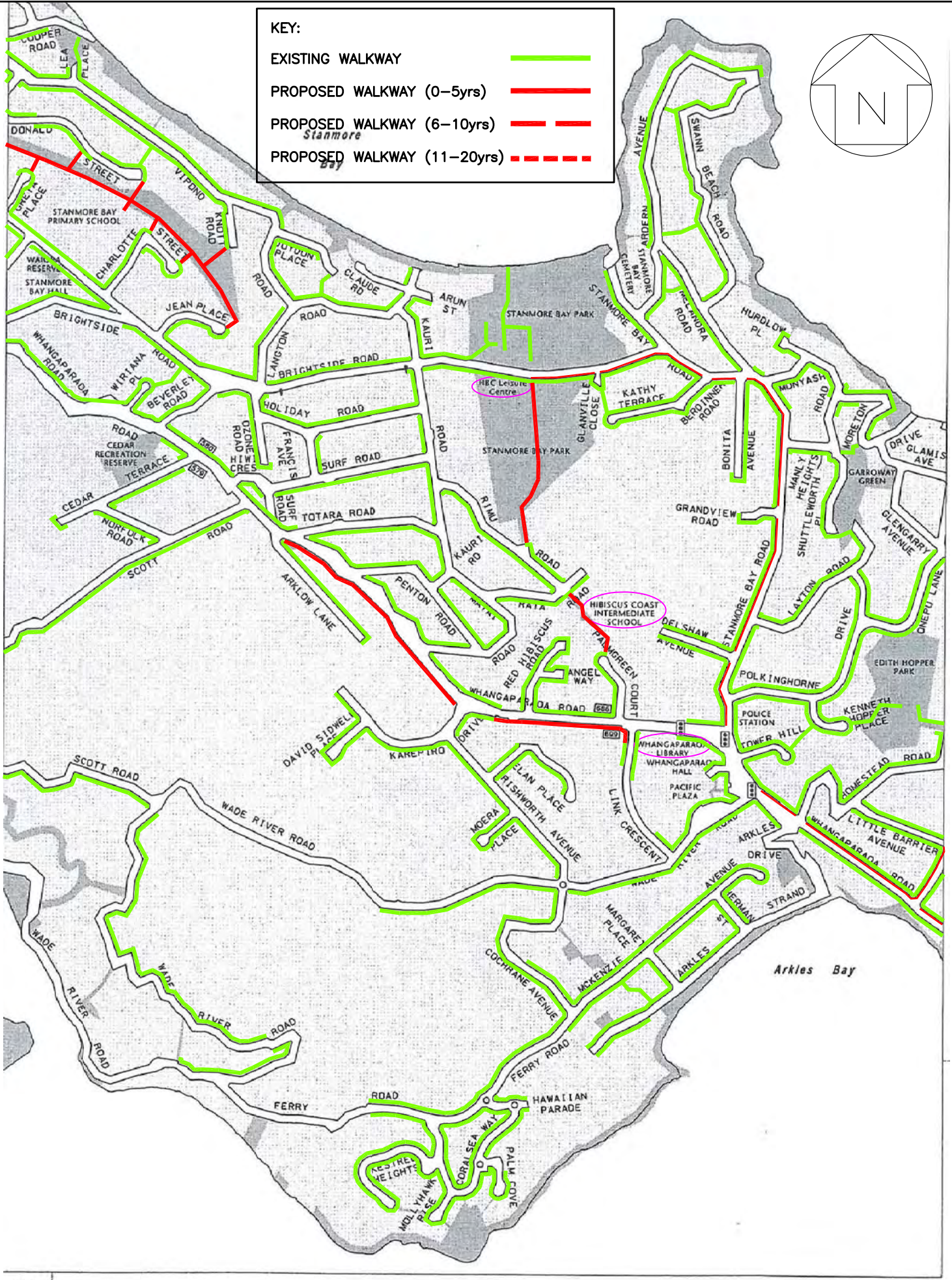
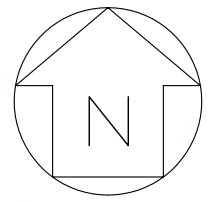
TITLE  
**SILVERDALE WALKWAY PLAN**

CLIENT  
 RODNEY DISTRICT COUNCIL

DATE MAR 2006	SCALE 1:14,000
DRAWING NUMBER 0450-078-C-Silverdale	REV

**KEY:**

- EXISTING WALKWAY ———
- PROPOSED WALKWAY (0-5yrs) ———
- PROPOSED WALKWAY (6-10yrs) - - - - -
- PROPOSED WALKWAY (11-20yrs) - - - - -



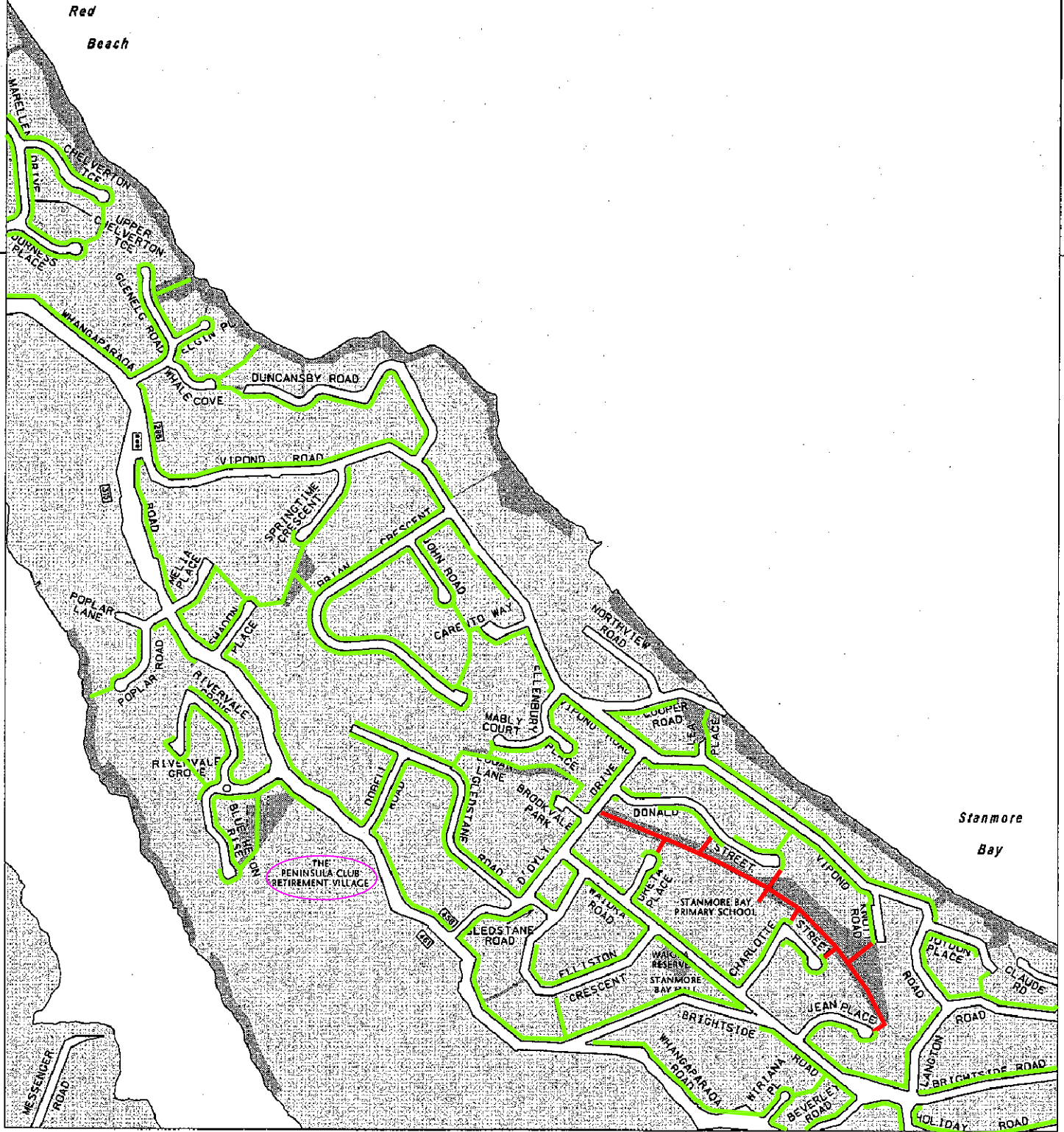
21

22

 Professional Engineering Services	<b>TITLE</b> STANMORE BAY/MANLY WALKWAY PLAN	<b>DATE</b> MAR 2006	<b>SCALE</b> 1: 14,000
		<b>DRAWING NUMBER</b> 0450-078-C-Stanmore/Ma	<b>REV</b>
PO Box 301 254 Albany Auckland	Ph 09-913-3688 Fax 09-415-5064 Email admin@projenz.co.nz	<b>CLIENT</b> RODNEY DISTRICT COUNCIL	

P

Q



21

22

**PROJENZ**  
Professional Engineering Services

PO Box 301 254 Albany Auckland  
Ph 09-913-3688 Fax 09-415-5064  
Email admin@projenz.co.nz

TITLE **STANMORE BAY WALKWAY PLAN**  
CLIENT **RODNEY DISTRICT COUNCIL**

DATE **NOV 2005**  
DRAWING NUMBER **0450-078-C-Stanmore Bay**

SCALE **1:14,000**  
REV