This entire chapter has been notified using the RMA Part One, Schedule 1 process (P1 Sch1).

Tūāhanga — Takutai Moana

Infrastructure — Coastal Environment

INF-CE Infrastructure — Coastal Environment

Introduction

This sub-chapter applies to infrastructure within the Coastal Environment, It applies in addition to the principal Infrastructure chapter.

The Infrastructure – Coastal Environment sub chapter provides a specific policy framework and specific rules for infrastructure activities in the Coastal Environment, including the mapped Moa Point Seawall Area.

However, this sub-chapter does not apply to the following infrastructure that is managed by other chapters:

- The National Grid;
- Renewable electricity generation;
- Activities that fall under the definition of airport activities or airport related activities (and are located within the Airport Zone); or
- Activities that fall under the definition of port or operational port activities (and are located within the Port Zone)

Note: The objectives, policies and rules of the Infrastructure chapter apply in addition to those of this subchapter.

Other relevant District Plan provisions

It is important to note that in addition to the provisions in this chapter, the following Part 2: District-Wide chapters may also be of relevance, including:

-Subdivision - The Subdivision Chapter contains provisions which manage subdivision of land.

Light and glare - The Light Chapter contains specific provisions relating to light spill and the management of effects on residential areas.

Noise - The Noise Chapter contains specific controls in relation to noise, including effects standards NOISE-S1 (maximum noise levels).

Signs - The Signs Chapter contains specific controls in relation to signage, including official signs, the effects of signs on road safety, and third party signage.

Contaminated land - The Contaminated Land Chapter manages the use and development of Contaminated Land or potentially Contaminated Land.

Hazardous substances - The Hazardous Substances Chapter contains provisions to manage Hazardous Substances.

Trees — The Notable Tree chapter contains specific provisions relating to the management of Notable Trees.

Resource consent may therefore be required under rules in this chapter as well as other chapters. Unless specifically stated in a rule or in this chapter, resource consent is required under each relevant rule. The steps to determine the status of an activity are set out in the General Approach chapter.

Policies - Infrastructure

Infrastructure — Coastal Environment INF-CE-P14 Operation, maintenance and repair of existing infrastructure within the coastal environment: · Outside of high coastal natural character areas; and Outside of coastal and riparian margins. Allow the operation, maintenance, repair and upgrading of existing infrastructure and for new infrastructure within the coastal environment. INF-CE-P15 Operation, maintenance and repair of existing infrastructure within the coastal environment: • Within high coastal natural character areas. Provide for the operation, maintenance and repair of existing infrastructure within high coastal natural character areas where: 1. Related earthworks are of a scale that maintains or restores the identified values described in SCHED12: and 2. Any significant adverse effects on the natural character are avoided and any other adverse effects on the natural character are avoided, remedied or mitigated. INF-CE-P16 Operation, maintenance and repair of existing infrastructure within the coastal environment in the Residential Zones, Commercial and Mixed Use Zones, Industrial Zones, Airport, and Port Zones, and the mapped Moa Point Seawall Area that is Natural **Open Space Zone:** • Within coastal and riparian margins. Allow for the operation, maintenance and repair of existing infrastructure within areas of coastal margins and riparian margins in the coastal environment in the Residential Zones, Commercial and Mixed Use Zones, Industrial Zones, Airport, and Port Zones, and the mapped Moa Point Seawall Area that is Natural Open Space Zone. **INF-CE-P17** Operation, maintenance and repair of existing infrastructure within the coastal environment in the Rural Zone and Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone): • Within coastal and riparian margins. Provide for the operation, maintenance and repair of existing infrastructure within coastal margins and riparian margins in the coastal environment in the Rural Zone and Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone), where: 1. Related earthworks are of a scale that maintains or restores the natural character; and 2. Any significant adverse effects on the natural character are avoided and any other adverse effects on the natural character are avoided, remedied or mitigated. Upgrading of existing infrastructure within the coastal environment: **INF-CE-P18** · Outside of high coastal natural character areas; and Outside of coastal and riparian margins. Allow the upgrading of existing infrastructure within the coastal environment where it is located outside of high coastal natural character areas and outside of coastal and riparian margins. INF-CE-P19 Upgrading of existing infrastructure within the coastal environment that is located underground or within an existing road reserve: • Within high coastal natural character areas. Provide for the upgrading of existing infrastructure within high coastal natural character areas where the infrastructure is located underground or within an existing road reserve.

INF-CE-P20

Upgrading of existing infrastructure within the coastal environment that is located aboveground and outside an existing road reserve:

• Within high coastal natural character areas.

Only allow for the upgrading of existing infrastructure that is located above ground and outside an existing road reserve within high coastal natural character areas where:

- 1. The activity is of a scale that maintains or restores the identified values described in SCHED1243 or the natural character:
- Any significant adverse effects are avoided and any other adverse effects are avoided, remedied or mitigated; and
- 3. There is a functional need or operational need for the activity to be undertaken inside a high coastal natural character areas.

INF-CE-P21

Upgrading of existing infrastructure within the coastal environment of the Residential Zones, Commercial and Mixed Use Zones, Industrial Zones and Special Purpose Zones, and the mapped Moa Point Seawall Area that is Natural Open Space Zone:

• Within coastal and riparian margins.

Allow for the upgrading of existing infrastructure within coastal margins and riparian margins in the coastal environment in the Residential Zones, Commercial and Mixed Use Zones, Industrial Zones and Special Purpose Zones, and the mapped Moa Point Seawall Area that is Natural Open Space Zone.

INF-CE-P22

Upgrading of existing infrastructure within the coastal environment of the Rural Zone and Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone) that is located underground or within an existing road reserve:

• Within coastal and riparian margins.

Provide for the upgrading of existing infrastructure within coastal margins and riparian margins in the coastal environment in the Rural Zones and Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone) where the infrastructure is located underground or within an existing road reserve.

INF-CE-P23

Upgrading of existing infrastructure within the coastal environment of the Rural Zone and Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone) that is located aboveground and outside an existing road reserve:

• Within coastal and riparian margins.

Only allow for the upgrading of existing infrastructure that is located above ground and outside an existing road reserve in the Rural Zone and Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone) within riparian margins and coastal margins in the coastal environment where:

- 1. The activity is of a scale that maintains or restores the natural character;
- 2. Any significant adverse effects are avoided and any other adverse effects are avoided, remedied or mitigated; and
- 3. There is a functional need or operational need for the activity to be undertaken within coastal margins or riparian margins in the coastal environment.

INF-CE-P24

New infrastructure within the coastal environment:

- · Outside of high coastal natural character areas; and
- Outside of coastal and riparian margins.

Allow for new infrastructure within the coastal environment where it is located outside of high coastal natural character areas and outside of coastal margins and riparian margins.

INF-CE-P25 New infrastructure within the coastal environment: • Within high coastal natural character areas; or within coastal and riparian margins. Only allow for new infrastructure within high coastal natural character areas and within coastal margins and riparian margins in the coastal environment, where: 1. In SCHED 12 areas, tThe activity is of a scale that maintains or restores the identified values described in SCHED12 or the natural character; 2. In other areas not identified in SCHED 12, the activity is of a scale that maintains or restores where appropriate the natural character 3. Any significant adverse effects on high coastal natural character areas or coastal and riparian margins are avoided and any other adverse effects on high coastal natural character areas or coastal and riparian margins are avoided, remedied or mitigated; and 4. There is a functional or operational need for the activity to be undertaken within these areas. INF-CE-P26 Operation, maintenance and repair of existing National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment Allow for the operation, maintenance, repair of existing National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment. INF-CE-P27 Upgrading of existing National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment: · Outside of high coastal natural character areas; or • Outside of coastal margins or riparian margins. Allow for the upgrading of existing National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment where it is located outside of high coastal natural character areas and outside of coastal margins or riparian margins. INF-CE-P28 Upgrading of existing National Grid (NG) infrastructure within the coastal environment: · Within high coastal natural character areas; or • Within coastal and riparian margins. Provide for the upgrading of existing National Grid (NG) infrastructure within high coastal natural character areas or within coastal margins and riparian margins in the coastal environment where: 1. The activity is of a scale that maintains or restores the identified values described in SCHED12 for natural character; 2. Any significant adverse effects are avoided and any other adverse effects are avoided, remedied or mitigated; and 3. There is a functional need or an operational need for the activity to be undertaken inside a high coastal natural character areas or within coastal margins or riparian margins in the coastal environment. INF-CE-P2829 Upgrading of existing Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment that is located underground or within an existing road reserve: • Within high coastal natural character areas; or Within coastal and riparian margins.

Provide for the upgrading of existing Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within high coastal natural character areas; or within coastal margins and riparian margins where the infrastructure is located underground or within an existing road reserve. **INF-CE-P2930** Upgrading of existing Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment that is located aboveground and outside an existing road reserve: • within High Coastal Natural Character Areas; or · within coastal and riparian margins Only allow for the upgrading of existing Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within High Coastal Natural Character Areas; or within coastal margins and riparian margins in the coastal environment that is located above ground or outside an existing road reserve where: 1. The activity is of a scale that maintains or restores the natural character; 2. Any significant adverse effects are avoided and any other adverse effects are avoided, remedied or mitigated; and 3. There is a functional need or an operational need for the activity to be undertaken inside a High Coastal Natural Character Area or within coastal margins or riparian margins in the coastal environment. INF-CE-P3031 New National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment: · Outside of high coastal natural character areas; or • Outside of coastal or riparian margins. Allow for new National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment where it is located outside of high coastal natural character areas and outside of coastal or riparian margins. INF-CE-P32 New National Grid (NG) & Gas Transmission Pipeline Corridor (GTPC) infrastructure within the coastal environment: · Within high coastal natural character areas; or Within coastal and riparian margins. Only allow for new National Grid (NG) & Gas Transmission Pipeline Corridor (GTPC) infrastructure within high coastal natural character areas and within coastal margins and riparian margins in the coastal environment where:

- 1. The activity is of a scale that maintains or restores the identified values described in SCHED12 or the natural character;
- 2. Any significant adverse effects are avoided and any other adverse effects are avoided, remedied or mitigated; and
- There is a functional or operational need for the activity to be undertaken inside a high
 coastal natural character areas or within coastal margins or riparian margins in the
 coastal environment.

Rules - Infrastructure activities			
INF-CE-R27	Operation, maintenance, repair of existing infrastructure, and customer connections within the coastal environment:		
	Outside of high coastal natural character areas; and		
	Outside of coastal and riparian margins.		
All Zones	Activity status: Permitted		

INF-CE-R28	Operation, maintenance and repair of existing infrastructure within the coastal environment:		
	Within high coastal natural character areas.		
All Zones	Activity status: Permitted		
	Where:		
	a. Compliance is achieved with INF-S3.		
All Zones	2. Activity status: Restricted Discretionary		
	Where:		
	a. Compliance with INF-S3 cannot be is not achieved. Matters of discretion are:		
	 The matters in INF-CE-P15 and CE-P5; and The matters in PA-P1 and PA-P2. 		
INF-CE-R29	Operation, maintenance and repair of existing infrastructure within the coastal environment:		
	Within coastal or riparian margins.		
Residential Zones, Commercial and Mixed Use Zones, Industrial Zones, Special Purpose Zones and the mapped Moa Point Seawall Area that is Natural Open Space Zone	1. Activity status: Permitted Where: a. Compliance is achieved with INF-S1; and b. Compliance is achieved with the following standards:		
Rural Zones, Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone)	2. Activity status: Permitted Where: a. Compliance is achieved with INF-S3.		
Rural Zones, Open Space and	3. Activity status: Restricted Discretionary		

Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone) INF-CE-R30	Where: a. Compliance with INF-CE-R29.2 cannot be is not achieved. Matters of discretion are: 1. The matters in INF-CE-P16 and CE-P6; and 2. The matters in PA-P1 and PA-P2. Upgrading of existing infrastructure and new infrastructure within the coastal environment: • Outside of high coastal natural character areas; and	
	Outside of coastal and riparian margins.	
All Zones	Activity status: Permitted	
INF-CE-R31	Upgrading of existing infrastructure within the coastal environment:	
	Within coastal or riparian margins.	
Residential Zones, Commercial and Mixed Use Zones, Industrial Zones, Special Purpose Zones, the mapped Moa Point Seawall Area that is Natural Open Space Zone	1. Activity status: Permitted	
Rural Zones Open Space and Recreation Zones (excluding the mapped Moa Point Seawall Area that is Natural Open Space Zone)	2. Activity status: Permitted Where: a. The infrastructure is located underground; or b. The infrastructure is located within an existing road reserve.	
Rural Zones, Open Space and Recreation Zones (excluding	3. Activity status: Restricted Discretionary Where: a. Compliance with the requirements of INF-CE-R31.2 cannot be is not achieved. Matters of discretion:	

the mapped Moa Point Seawall Area that is Natural Open Space Zone)	The matters in INF-CE-P18 and CE-P7; and The matters in PA-P1 and PA-P2.		
INF-CE-R32	Upgrading of existing infrastructure within the coastal environment:		
	Within high coastal natural character areas.		
All Zones	Activity status: Restricted Discretionary		
	Where:		
	a. The infrastructure is located underground; or b. The infrastructure is located within an existing road reserve. Matters of discretion are:		
	1. The matters in INF-CE-P17.		
All Zones	2. Activity status: Discretionary		
	Where:		
	 a. Compliance with any of the requirements of INF-CE-R32.1 cannot be is not achieved. 		
INF-CE-R33	New infrastructure within the coastal environment:		
	Outside of high coastal natural character areas; and		
	Outside of coastal and riparian margins		
All Zones	Activity status: Permitted		
INF-CE-R34	New infrastructure within the coastal environment:		
	Within high coastal natural character areas; or		
	Within coastal or riparian margins		
All Zones	Activity status: Discretionary		
Policies - Nati	onal Grid (NG) & Gas Transmission <u>Network</u> Pipeline Corridor (GTPC)		
	nal Grid (NG) & Gas Transmission <u>Network</u> Pipeline Corridor (GTPC)		
INF-CE-R35	Operation, maintenance, repair of existing National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure:		
	Within the coastal environment.		
All Zones	Activity status: Permitted		
INF-CE-R36	Upgrading of existing National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment:		
	Outside of high coastal natural character areas; and		
	Outside of coastal margins or riparian margins.		
All Zones	Activity status: Permitted		

INF-CE-R37	Upgrading of existing National Grid (NG) infrastructure within the coastal environment:	
	Within high coastal natural character areas; or	
	Within coastal or riparian margins.	
All Zones	Activity status: Restricted Discretionary Matters of discretion are:	
	1. The matters in INF-CE-P23, CE-P5, CE-P6 and CE-P7; and 2. The matters in PA-P1 and PA-P2.	
INF-CE-R <u>37</u> 38	Upgrading of existing Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment:	
	Within high coastal natural character areas; or	
	Within coastal or riparian margins.	
All Zones	Activity status: Restricted Discretionary	
	Where:	
	a. The infrastructure is located underground; or b. The infrastructure is located within an existing road reserve. Matters of discretion are:	
	 The matters in INF-CE-P23, CE-P5, CE-P6 and CE-P7; and The matters in PA-P1 and PA-P2. 	
All Zones	2. Activity status: Discretionary	
	Where:	
	a. Compliance with INF-CE-R38 cannot be <u>is not</u> achieved.	
INF-CE-R <u>38</u> 39	New National Grid (NG) & Gas Transmission Network Pipeline Corridor (GTPC) infrastructure within the coastal environment:	
	Outside of high coastal natural character areas; and	
	Outside of coastal or riparian margins.	
All Zones	Activity status: Permitted	
INF-CE-R3940 New National Grid (NG) & Gas Transmission Network Pipeline Corridor (GT infrastructure within the coastal environment:		
	Within high coastal natural character areas; or	
	Within coastal or riparian margins.	
All Zones	Activity status: Discretionary	

<u>Standards</u>				
INF-CE-S16	Hard engineering hazard mitigation structures (seawalls) located within the Moa Point Seawall Area			
All Zones	Addition and alteration to, or upgrade Repair and maintenance of hard engineering hazard mitigation structures	Assessment criteria where the standard is infringed:		

(seawalls) located within the Moa Point Seawall Area:

- a. Any addition works shall add no more than 1m in vertical projection to the structure, as it existed on the date on [insert date plan is made operative].
- The extent to which the additional height is necessary for the hard engineering hazard mitigation structure (seawall) to protect the adjacent regionally significant infrastructure.