



Submission on Proposed Far North District Plan

Form 5 Submission on publically notified proposal for policy statement or plan, change or variation

Clause 6 of Schedule 1, Resource Management Act 1991

To: Far North District Council - District Planning

Date received: 21/10/2022

This is a submission on the following proposed plan (the **proposal**): Proposed Far North District Plan

Address for service:

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New Zealand
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Submission on behalf of:

Chorus New Zealand Limited, Spark New Zealand Trading Limited, Spark TowerCo Limited, Vodafone New Zealand Limited

Attachments:

Infrastructure and Energy Rules.docx

Root zone diagram B.JPG

Root zone diagram A.JPG

Infrastructure and Energy Rules.docx

Proposed FNDC Plan Submission Telcos.pdf

I wish to be heard: Yes

I am willing to present a joint case: Yes

Could you gain an advantage in trade competition in making this submission?

- **No**

Are you directly affected by an effect of the subject matter of the submission that

(a) adversely affects the environment; and

(b) does not relate to trade competition or the effects of trade competition

- **No**

Submission points

S282.001

Point 68.1

Section: Definitions

Sub-section: Term Definition

Provision:

ROOTZONE AREA

is determined by using the Australian Standards (AS 4790-2009) Protection of trees on development sites, which uses the trunk diameter at breast high (DBH) to identify a tree rootzone area. The formula used is $RZA = DBH \times 12$ for a single stem tree, and for multiple

stem trees
$$DBH = \sqrt{(DBH_1)^2 + (DBH_2)^2 + (DBH_3)^2}$$

Sentiment: Oppose

Submission:

Current definition makes use of an Australian standard and is generally difficult to apply for a plan user.

Relief sought

Recommend the definition is changed to align with the following:

The circular area of ground around the trunk of a protected tree, the radius of which is the greatest distance between the trunk and the outer edge of the canopy. For columnar crown species the protected root zone is half the height of the tree.

S282.002

Point 68.2

Section: Definitions

Sub-section: Term Definition

Provision:

SITE AND AREA OF SIGNIFICANCE TO MAORI

means a site or place that tangata whenua has, or at any time has had an interest in; and the site holds cultural or spiritual significance to Māori, including wāhi tapu.

Sentiment: Support in Part

Submission:

While the general nature of the definition is supported, as it currently is drafted this does not cross-reference mapped extents unlike other overlays such as the Coastal Environment or Scheduled Heritage Resources. As such, this may result in confusion for plan users.

Relief sought

Recommend the definition be reworded to refer to identified areas on planning maps.

S282.003

Point 68.3

Section: Infrastructure

Sub-section: Objectives

Sentiment: Support

Submission:

The strategic objectives for infrastructure, risk and resilience set an appropriate overall direction for important infrastructure in the district. They recognise the benefits provided by infrastructure while minimising associated adverse effects through design and location.

Relief sought

Retain Objectives O1-O5.

Point 68.4 S282.004

Section: Infrastructure

Sub-section: Policies

Provision:

Notes:

1. There may be rules in other District-Wide Matters that apply to a proposed activity, in addition to the rules in this chapter. These other rules may be more stringent than the rules in this chapter. Ensure other relevant District-Wide Matters chapters are also referred to, in addition to this chapter, to determine whether resource consent is required under other rules in the District Plan. Refer to the *how the plan works* chapter to determine the activity status of a proposed activity where resource consent is required under multiple rules.
2. The operation, maintenance, upgrading, relocation or removal of an electricity transmission line and ancillary structures that exist prior to the 14 January 2010 and remain part of the National Grid is largely controlled by the Resource Management (National Environmental Standards for Electricity Transmission Activities) Regulations 2009 (NES-ETA). No rules in the Plan apply to activities associated with the existing electricity transmission line regulated by the NES-ETA. Where an activity associated with electricity transmission line is not regulated by the NES-ETA the rules and standards in the District Plan apply.
3. The installation and operation of telecommunications facilities (such as cabinets, antennas, poles, small cell-units and telecommunications lines) undertaken by a facility operator are controlled by the Resource Management (National Environmental Standards for Telecommunication Facilities) Regulations 2016 (NES-TF). No rules in the District Plan apply to activities regulated by the NES-TF, except where the regulated activity is located in an area subject to subpart 5 of the regulations (including areas with historic heritage values, visual amenity landscapes, significant natural areas). The District Plan also applies to telecommunication facilities not regulated under the NES-TF (e.g. new poles outside the road reserve and in rural zones).
4. The rules do not replace, supersede, or provide permission under the New Zealand Electrical Code of Practice for Electrical Safe Distances – NZECP 34:2001 or the Electricity (Hazards from Trees) Regulations 2003. Compliance is required under all documents.
5. These provisions are specific to network utility operations undertaken by a network utility operator except as the provisions relate to Amateur radio operators.

Sentiment: Support in Part

Submission:

While these notes are generally supported, there is no mention that the following rules override zone level provisions. As currently drafted the Infrastructure section rules work as an overarching framework to zone level provisions in relation to infrastructure activities throughout the district however this is not made clear. In addition, Note 3 implies that the NES-TF applies to all telecommunication activities that are not within a rural zone or a subpart 5 area however the NES-TF applies to new and existing facilities in road reserve and rural zones, and existing facilities in all zones.

Relief sought

Include note to advise plan users that zone level provisions do not apply to infrastructure activities. Amend Note 3 to properly advise plan users on NES-TF applicability.

Point 68.5 **S282.005**

Section: Infrastructure

Sub-section: Policies

Provision:

I-R5	New above ground customer connections	
Rural Production zone	Activity status: Permitted	Activity status where compliance not achieved with PER-1: Discretionary
		Activity status where compliance not achieved with PER-2: Non-complying
	Where:	
Māori Purpose zone	PER-1	
	The poles don't exceed a maximum of 25m in height.	
Rural Lifestyle zone	PER-2	
	The activity complies with standards:	
Horticulture zone	I-S1 Radio frequency fields; and	
	I-S2 Electric and magnetic fields.	
Kauri Cliffs zone		

Sentiment: Oppose

Submission:

The current rule only allows for new above ground customer connections in Rural zones however doesn't take into account subdivisions that are already serviced by aboveground connections and as such this rule would require consents for new connections in these areas regardless of there being an existing overhead network.

Relief sought

Amend I-R5 to apply in all zones.

Point 68.6 **S282.006**

Section: Infrastructure

Sub-section: Policies

Provision:

I-R7	New overhead lines and associated poles, telecommunication and attached antennas, or towers	
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Rural Production zone	Activity status: Permitted	Activity status where compliance not achieved with PER-1 or PER-2: Discretionary
	Where:	Activity status where compliance not achieved with PER-3: Non-complying
Rural Lifestyle zone	PER-1	
	Poles or telecommunications poles and attached antenna do not exceed a height of 25m.	
Māori Purpose zone	PER-2	
	Towers do not exceed a height of 15m.	
	PER-3	
	The activity complies with standards:	
	I-S1 Radio frequency fields; and	
	I-S2 Electric and magnetic fields.	

Sentiment: Oppose

Submission:

The current rule only allows for new telecommunications infrastructure in three Rural zones however the remainder of the Infrastructure section does not allow for new telecommunications infrastructure and as such, consents will be required for any new infrastructure not located within one of the three Rural zones captured by I-R7. As such, this severely limits the ability to deploy telecommunications infrastructure to effectively meet the needs of the district and provide services where required. It appears the applicability of the NES-TF has been misinterpreted in the proposed district plan as it not a catch-all document and relies heavily on an underlying rules framework in district plans to function effectively to allow for the provision of telecommunications infrastructure. This presents a serious risk to provide for telecommunications infrastructure and as such, must be rectified.

Relief sought

Amend I-R7 to better align with the attached best practice guidance document for infrastructure activities - refer to IE-R15.

Point 68.7 **S282.007, S282.008 & S282.009**

Section: Natural hazards

Sentiment: Oppose

Submission:

The current drafting of this section applies to telecommunications infrastructure. The application of natural hazard rules to telecommunications infrastructure is not supported given that telecommunications operators can make their own decisions

around where it is appropriate and necessary to site cabinets given that these structures are not expected to exacerbate existing hazards. The NES-TF specifically disappplies natural hazard rules in District Plans to regulated activities under NESTF Regulation 57, following a consideration of the risk profile of this type of equipment in making the regulations.

Relief sought

Amend NH section to not apply to telecommunications infrastructure .

Point 68.8 S282.010

Section: Heritage area overlays

Sub-section: Rules

Provision:

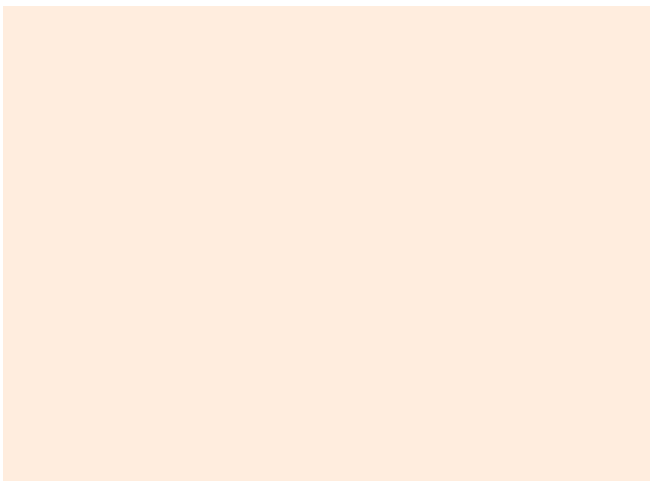
HA-R10	Infrastructure and renewable electricity generation infrastructure	
All zones	Activity status: Discretionary	Activity status where compliance not achieved: Not applicable
Heritage Area Overlays:		
Kerikeri – Part A		
Kohukohu		
Kororāreka Russell –		
Part A – The Strand, Part B – Wellington Street and Part C –		
Christ Church		
Mangōnui and Rangitoto Peninsula – Part A		
Paihia – Part A		

Pouerua

Rangihoua

Rāwene –
Part A

Te Waimate



Sentiment: Oppose

Submission:

Given the wide reaching extent of these heritage areas (many of which cover existing urban townships), requiring all infrastructure activities to require resource consent is not in keeping with what would be expected in urban areas.

Relief sought

Amend HA-R10 to align with HA-R6 and allow infrastructure activities to take place within Heritage Area overlays provided they are not located within a site containing a scheduled Heritage Resource.

Point 68.9 **S282.011**

Section: Historic heritage

Sub-section: Rules

Provision:

HH-R6 **Infrastructure and renewable electricity generation infrastructure within a site containing a scheduled Heritage Resource**

All zones **Activity status: Discretionary** **Activity status where compliance not achieved: Not applicable**

Outside of Heritage Area overlays **This rule shall not apply to** domestic small scale renewable electricity generation, and connections to buildings or structures for network utilities.

Sentiment: Support in Part

Submission:

While this rule states that it does not apply to connections to buildings or structures for network utilities, there are no other rules in this section that would otherwise allow these activities and as such it would appear the intent is to allow for such connections as permitted activities.

Relief sought

Add new rule to allow connections to buildings or structures for network utilities as permitted activities.

S282.012

Point 68.10

Section: Ecosystems and indigenous biodiversity

Sub-section: Policies

Provision:

IB-P5 Ensure that the management of land use and subdivision to protect Significant Natural Areas and maintain indigenous biodiversity is done in a way that:

- a. does not impose unreasonable restrictions on existing primary production activities, particularly on highly versatile soils;
- b. recognises the operational need and functional need of some activities, including regionally significant infrastructure, to be located within Significant Natural Areas in some circumstances;
- c. allows for maintenance, use and operation of existing structures, including infrastructure; and
- d. enables Māori land to be used and developed to support the social, economic and cultural well-being of tangata whenua, including the provision of papakāinga, marae and associated residential units and infrastructure.

Sentiment: Support

Submission:

This policy recognises the importance as well as operational and function needs of regionally significant infrastructure at a policy level and allows for the location of such within Significant Natural Areas in some circumstances.

Relief sought

Retain IB-P5.

S282.013

Point 68.11

Section: Natural character

Sub-section: Rules

Sentiment: Oppose

Submission:

The current rules framework in relation to Natural Character does not provide for new infrastructure activities noting that in instances there may be a functional or operational need for such activities to be located in Natural Character areas (margins of waterbodies). Allowing for new infrastructure within existing road reserve and road crossings would appear appropriate given the land has already been developed as well as allowing for new aerial telecommunication lines crossings in such areas given the scale of impact.

Relief sought

Add new rules to NATC to allow for telecommunication activities within road reserve and existing road crossings over waterbodies as permitted activities, as well as new aerial telecommunication lines crossings as appropriate.

S282.014

Point 68.12

Section: Earthworks

Sub-section: Rules

Provision:

EW-R8	Earthworks for new infrastructure or repair and upgrades of existing infrastructure owned by network utility providers or requiring authority	
All zones	Activity status: Permitted	Activity status where compliance not achieved with PER-2: Restricted discretionary
	Where:	Matters of discretion are restricted to:
	PER-1	a. the matters of discretion of any infringed standard.
	The activity is undertaken by the network utility operator or requiring authority.	
	PER-2	Activity status where compliance not achieved with PER-1: Discretionary
	The earthworks complies with standards:	
	EW-S1 Maximum earthworks thresholds;	
	EW-S2 Maximum depth and slope;	
	EW-S4 Site reinstatement;	
	EW-S6 Setbacks;	
	EW-S7 Land stability;	
	EW-S8 Nature of filling material; and	
	EW-S9 Flood and coastal hazards.	
	EW-S1 does not apply to Motoura Island or Orongo Bay zones	

Sentiment: Oppose

Submission:

While earthworks undertaken by network utility operators are permitted they are also subject to maximum earthworks thresholds, maximum depth and slope and setbacks from site boundaries. The earthworks undertaken by most telecommunications operators are relatively minor given works are generally for pole infrastructure, cabinet foundations and underground services. As such, it is considered inappropriate to restrict infrastructure works that are typically of lesser effect when compared to other forms of development.

Relief sought

Amend EW-R8 to remove the need to comply with EW-S1, S2 and S6 for telecommunication pole foundations, service trenches and trenchless methods such as directional drilling.

Section: SPK - Spark NZ Limited

Sentiment: Oppose

Submission:

The name of the requiring authority is incorrect.

Relief sought

Change requiring authority name to "Spark New Zealand Trading Limited".

Point 68.14 **S282.016**

Section: Infrastructure

Sub-section: Policies

Provision:

I-P3 Outside the coastal environment, manage the effects of the development, operation, maintenance and upgrading of infrastructure activities by:

- a. avoiding effects on historical and cultural values, significant natural areas, and outstanding natural features or landscapes to the extent practicable;
- b. minimising or remedying adverse effects on historical and cultural values, natural environment values that cannot be avoided;
- c. recognising the technical, operational and functional needs and constraints of infrastructure activities; and
- d. having regard to offsetting and environmental compensation measures where there are more than minor residual adverse effects that cannot be avoided, remedied or mitigated.

Sentiment: Oppose

Submission:

While it is considered the current wording of this policy will allow for certain infrastructure activities to be located in areas of historic/cultural values, significant natural areas, and outstanding natural features or landscapes, clause (d) appears to be overly restrictive in considering infrastructure activities (in particular telecommunication activities) noting that this clause appears to capture all adverse effects. These forms of infrastructure tend to be of a smaller footprint when compared to the likes of electricity distribution or pipeline networks and as such, environmental compensation or offsetting on top of restrictions within these areas may not be entirely appropriate noting the scale of such activities and the benefit they provide to the district. It is considered that clauses (a) - (c) appropriately manage effects outside the coastal environment within areas of historic/cultural values, significant natural areas, and outstanding natural features or landscapes. IB-P4 is considered a more suitable method when addressing the likes of environmental offsetting or compensation and is consistent with the draft National Policy Statement for Indigenous Biodiversity.

Relief sought

Amend I-P3 by removing clause (d).

Point 68.15 **S282.017**

Section: Infrastructure and electricity

Sentiment: Support

Submission:

The benefits of infrastructure are recognised, provided for and protected.

Relief sought

Retain provision as notified.

Point 68.16 **S282.018 & S282.019**

Section: Coastal environment

Sub-section: Rules

Sentiment: Oppose

Submission:

New telecommunications infrastructure is not expressly provided for in the current rules as notified. It is noted that the Coastal Environment covers large areas of urban development within the district (given the many coastal settlements) and as such, the current rules framework would limit the development of infrastructure within the areas where such infrastructure is required to service communities throughout the district.

Relief sought

Exempt telecommunications infrastructure activities from needing to comply with the provisions of CE however it is considered that requiring telecommunications infrastructure to comply with CE-S2 can provide an appropriate mitigation measure for instances where such infrastructure needs to be located within the Coastal Environment outside of natural character areas. A rule to this effect is considered appropriate.

Point 68.17 **S282.020**

Section: Infrastructure

Sub-section: Policies

Provision:

I-P1 Provide for the continued operation, maintenance, upgrading and replacement of existing infrastructure.

Sentiment: Support

Submission:

Recognises need to provide for existing infrastructure.

Relief sought

Retain provision as notified.

Point 68.18 **S282.021**

Section: Infrastructure

Sub-section: Policies

Provision:

- I-P4** Provide for infrastructure where there are benefits such as:
- a. significant social, economic and cultural benefits associated with regionally significant infrastructure
 - b. improved:
 - i. quality of life;
 - ii. standard of living;
 - iii. public health and safety;
 - iv. access to latest technology, such as fibre and high-speed wireless internet;
 - v. functioning of businesses; and
 - vi. transportation of freight, goods, people.
 - c. growth and development of the District;
 - d. a reduction in the operation and maintenance costs of infrastructure;
 - e. integration of infrastructure with urban development; and
 - f. facilitating local, regional, national or international connectivity.

Sentiment: Support

Submission:

Recognises need to provide for infrastructure and associated benefits.

Relief sought

Retain provision as notified.

Point 68.19 **S282.022**

Section: Infrastructure

Sub-section: Policies

Provision:

- I-P5** Require the coordination of infrastructure planning and delivery at the time of land use, subdivision and development so that land use and infrastructure is integrated, efficient and aligned.

Sentiment: Support

Submission:

Recognises benefit in coordinating infrastructure delivery.

Relief sought

Retain provision as notified.

Point 68.20 **S282.023**

Section: Infrastructure

Sub-section: Policies

Provision:

- I-P7** Protect regionally significant infrastructure from the effects of incompatible land use and subdivision, including

reverse sensitivity effects, which may compromise the operation and capacity of infrastructure by:

- a. locating and designing noise sensitive activities to avoid potential reverse sensitivity effects on airports and State Highways;
- b. avoiding physical obstructions in take-off, approach, landing and departure paths and runway end protections areas;
- c. managing new noise sensitive activities within a defined air noise contour;
- d. managing access to the railway corridor, and local, regional and national road network;
- e. managing landuse and subdivision activities in proximity to Critical Electricity Lines to:
 - i. retain the ability for the network utility operator to access, operate, maintain, repair and upgrade the line;
 - ii. ensure that future buildings and building alterations, earthworks, planting tress construction activities do not compromise the effective operation of the electricity distribution network and maintain safe electrical clearance distances under all electricity distribution line operating conditions.
- f. managing land disturbance and activities sensitive to gas transmission to avoid, or mitigate potential adverse effects on, gas transmission pipelines; and
- g. managing other activities, through set-backs and design controls where necessary, to achieve appropriate protection of local, regional and nationally significant infrastructure.

Sentiment: Support

Submission:

Recognises the role regionally significant infrastructure plays and the need to protect such assets.

Relief sought

Retain provision as notified.

Point 68.21 **S282.024**

Section: Infrastructure

Sub-section: Policies

Provision:

I-P8 Provide for resilient infrastructure that will meet the District's needs by considering:

- a. the impact on the network and levels of service if the work is not undertaken;
- b. the need for the infrastructure in the context of the wider network; and
- c. whether it is regionally significant infrastructure.

Sentiment: Support

Submission:

Recognises that infrastructure meets the needs of the District.

Relief sought

Retain provision as notified.

Point 68.22 **S282.025**

Section: Infrastructure

Sub-section: Policies

Provision:

I-P12 Recognise the benefits of new technology in infrastructure that:

- a. improve access to, and efficient use of, networks and services;
- b. increases resilience or reliability of networks and services;
- c. protects the on-going safety of the community and the integrity of the network; or
- d. results in environmental benefits or enhancements.

Sentiment: Support

Submission:

Recognises that infrastructure technology continues to develop over time.

Relief sought

Retain provision as notified.

Point 68.23 **S282.026**

Section: Earthworks

Sub-section: Rules

Provision:

EW-R10 Earthworks for the construction, or upgrade of walkways, cycle tracks and leisure activity		
All zones	Activity status: Permitted	Activity status where compliance not achieved with PER-1: Restricted discretionary
	Where:	Matters of discretion are restricted to:
	PER-1	a. the matters of discretion of any infringed standard.
	The earthworks complies with standards:	
	EW-S1 Maximum earthworks thresholds;	
	EW-S2 Maximum depth and slope;	
	EW-S4 Site reinstatement;	
	EW-S6 Setbacks;	
	EW-S7 Land stability;	
	EW-S8 Nature of filling material; and	
	EW-S9 Flood and coastal hazards.	
	EW-S1 does not apply to Motoura Island or Orongo Bay zones	

Sentiment: Support in Part

Submission:

While the intent of the rule is supported in allowing for earthworks associated with walkways and cycle tracks, it is considered appropriate to also extend the scope to cover access tracks for infrastructure activities.

Relief sought

Amend EW-R10 to include access tracks for infrastructure activities.

Point 68.24 **S282.027**

Section: Natural features and landscapes

Sub-section: Rules

Sentiment: Oppose

Submission:

The current rules framework in relation to Natural features and landscapes does not provide for new infrastructure activities noting that in instances there may be a functional or operational need for such activities to be located in Natural Character areas. Allowing for new infrastructure (compliant with the relevant standards within the Infrastructure section) within existing road reserve would appear appropriate given the land has already been developed and therefore has a lesser degree of impact in these areas.

Relief sought

Allow for new infrastructure to be established within road reserve when located within an ONL and ONF.

Point 68.25 **S282.028**

Section: Infrastructure

Sub-section: Policies

Sentiment: Oppose

Submission:

The current rules framework in the Infrastructure section does not provide for temporary infrastructure activities. It is noted that such activities may need to be deployed during emergencies to continue to provide services to the communities throughout the District.

Relief sought

Allow for temporary infrastructure activities as permitted over a 12 month period. Refer to IE-R6 of the attached best practice guidance document for infrastructure activities.

Point 68.26 **S282.029**

Section: Infrastructure

Sentiment: Support in Part

Submission:

The general intent of the section is supported in enabling and protecting infrastructure to serve the district while managing adverse effects through the design and location of such. The section does however require amending to ensure that infrastructure can be delivered in areas where it is required and as currently drafted there is limited scope to deliver infrastructure, for example within urban areas where there is currently no scope to deliver new overhead lines or telecommunications infrastructure as permitted.

Relief sought

Retain enabling provisions of infrastructure however increase scope to allow for infrastructure activities in areas where there is currently no provision.

Form 5

**Submission on publicly notified proposal for policy statement or plan, change or variation
Clause 6 of Schedule 1, Resource Management Act 1991**

To: Proposed District Plan
Strategic Planning and Policy
Far North District Council
Private Bag 752
Kaikōhe 0440

Name of submitter: Chorus New Zealand Limited
PO Box 632
Wellington

Spark New Zealand Trading Limited
Private Bag 92028
Auckland 1010

Spark TowerCo Limited
Private Bag 92028
Auckland 1010

Vodafone New Zealand Limited
Private Bag 92161
Auckland 1142

This is a submission on the following proposed plan, change or variation: **Far North Proposed District Plan**

Chorus New Zealand Limited (Chorus), Spark New Zealand Trading Limited (Spark), Spark TowerCo Limited (TowerCo) and Vodafone New Zealand Limited (Vodafone) have lodged a joint submission to the Far North Proposed District Plan.

Chorus, Spark, TowerCo and Vodafone could not gain an advantage in trade competition through this submission.

The specific provisions of the proposal that the submission relates to, the submission points, reasons and decisions sought are detailed in the attached large submitter bulk submission template spreadsheet. Chorus, Spark, TowerCo and Vodafone seek that the decisions sought as set out in the attached table are adopted, or any other such relief and/or consequential amendments that achieves an equivalent outcome.

Chorus, Spark, TowerCo and Vodafone wish to be heard in support of their submission. If others make a similar submission, Chorus, Spark, TowerCo and Vodafone will consider presenting a joint case with them at a hearing.

Please note that as Council staff work through submissions, Chorus, Spark, TowerCo and Vodafone would be willing to engage in further dialogue in relation to developing a rules framework for the Far North Proposed District Plan to enable the delivery of telecommunications infrastructure to serve the Far North District.



Signed:

On behalf of Chorus New Zealand Limited

Date: 21 October 2022



Signed:

On behalf of Spark New Zealand Trading Limited

Date: 21 October 2022



Signed:

On behalf of Spark TowerCo Limited

Date: 21 October 2022



Signed:

On behalf of Vodafone New Zealand Limited

Date: 21 October 2022

Address for Service:

Chorus New Zealand Limited, Spark New Zealand Trading Limited, Spark TowerCo Limited, and
Vodafone New Zealand Limited

C/- Incite

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Contact Details:

Attention: Sunit Patel

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Infrastructure and Energy Rules (Network Utilities)

Table 1: Rule overview table

Use/activity	Rule number
Operation, maintenance, repair and removal of existing above and underground network utilities and ancillary vehicle access tracks	IE-R1
New underground network utilities (including customer connections) and upgrading of existing underground network utilities	IE-R2
Upgrading of existing above ground network utilities (excluding access track extensions)	IE-R3
New signs	IE-R4
New and extended vehicle access tracks	IE-R5
Temporary network utilities	IE-R6
Electricity generators and self-contained power units for the supply of a network utility	IE-R7
New above ground customer connections	IE-R8
New substations (including switching stations), gas regulation, valve and/or takeoff stations and energy storage batteries (not enclosed by a building or structure)	IE-R9
New network utilities in existing buildings	IE-R10
New navigational aids, sensing and environmental monitoring equipment (including air quality and meteorological)	IE-R11
New overhead lines and associated poles, telecommunication poles or towers	IE-R12
New telecommunications kiosk	IE-R13
New small cell unit	IE-R14
New telecommunications poles and new antennas attached to poles (that are not regulated by the NESTF)	IE-R15
New telecommunications poles and new antennas in road reserve (regulated by Regulations 26 or 28 of the NESTF that do not meet the permitted activity standards in Regulations 27 or 29 of the NESTF)	IE-R16
New telecommunications poles and new antennas not in road reserve (regulated by Regulations 30, 32 or 34 of the NESTF that do not meet the permitted activity standards in Regulations 31, 33 or 35 of the NESTF)	IE-R17
New antennas attached to a building (that are not regulated by the NESTF)	IE-R18
New antennas attached to a building (regulated by Regulation 36 of the NESTF that do not meet the permitted standards in Regulation 37)	IE-R19

New telecommunications cabinets (regulated by Regulation 19 of the NESTF that do not meet the permitted standards in Regulations 20, 21 and 22)	IE-R20
Subdivision	IE-R21
Trimming and removal of trees and vegetation	IE-R22
New pedestrian and cycle facilities outside of a land transport corridor	IE-R23
New stock underpasses outside of a land transport corridor	IE-R24
New land transport infrastructure that is not provided for by Rule IE-R23 (new pedestrian and cycle facilities outside of a land transport corridor) or Rule IE-R24 (new stock underpasses outside of a land transport corridor)	IE-R25
New electric vehicle charging facilities	IE-R26
New above ground structures for the conveyance, treatment, storage or retention/detention of water, wastewater or stormwater that is not provided for by Rule IE-R28 (New above ground pipes and outfall structures) and Rule IE-R30 (New minor utility structures, including cabinets)	IE-R27
New above ground pipes and outfall structures	IE-R28
New ancillary utility equipment	IE-R29
New minor utility structures, including cabinets (that are not regulated by the NESTF)	IE-R30
New network utilities (including network utility buildings and enclosed substations) not provided for by another Rule	IE-R31

Table 2: Rule table

IE-R1	Operation, maintenance, repair and removal of existing above and underground network utilities and ancillary vehicle access tracks	
all zones	Activity status: Permitted	Activity status when compliance not achieved:
	<p>Where this activity complies with the following rule requirements:</p> <ol style="list-style-type: none"> IE-REQ1 Land disturbance. IE-REQ5 Radio frequency fields. IE-REQ6 Electric and magnetic fields. 	<ol style="list-style-type: none"> Non-complying where compliance with IE-REQ5 Radio frequency field is not achieved. Non-complying where compliance with IE-REQ6 Electric and magnetic fields is not achieved. Discretionary where compliance with IE-REQ1 Land

[disturbance](#) is not achieved.

IE-R2

New underground network utilities (including customer connections) and upgrading of existing underground network utilities

all zones

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A new gas pipeline does not exceed a gauge pressure of 2,000 kilopascals.
2. In the root protection area of a tree that is identified by, and managed by, a rule in a District Plan, the network utility:
 - a. is at least 1 metre below ground level;
 - b. is installed by hand-digging or trenchless means (such as, air spade, hydro vac or directional drilling methods); and
 - c. has an entry point that either:
 - i. is located outside of the root protection area; or
 - ii. has an area of less than 1m².

1. Non-complying where compliance with [IE-REQ5 Radio frequency field](#) is not achieved.
2. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
3. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
4. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
5. Restricted discretionary in all other circumstances.

Matters of discretion are restricted to:

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ4 National Grid](#).
3. [IE-REQ5 Radio frequency fields](#).
4. [IE-REQ6 Electric and magnetic fields](#).

1. For a network utility within the root protection area of a tree:
 - a. methods proposed to reduce any adverse effects on the tree;
 - b. the extent of the root

protection
area that is
affected.

2. For a gas pipeline that has a gauge pressure greater than 2,000 kilopascals:
 - a. the functional and operational needs of, and benefits derived from, the gas pipeline;
 - b. the risks of hazards affecting public or individual safety, and the risk of property damage;
 - c. measures to avoid or mitigate adverse effects, including separation from any activity sensitive to gas transmission;
 - d. technical advice, including an assessment of the level of risk;
 - e. when located within a land transport corridor, the impacts on the operation, maintenance and upgrade of existing network

utilities in that corridor.

IE-R3 Upgrading of existing above ground network utilities (excluding access track extensions)

all zones **Activity status:** Permitted

Activity status when compliance not achieved:

Where:

1. The realignment, relocation or replacement of a telecommunication line, pipe (excluding a gas transmission pipeline), pole, tower, conductor, cross arm, switch, transformer or ancillary structure is within 5m of the existing alignment or location.
2. The realignment, relocation or replacement of a gas transmission pipeline is within:
 - a. an existing easement in favour of the pipeline; and
 - b. is within 12 metres of the existing alignment or location.
3. A pole is not replaced with a tower.
4. A replacement pole, tower or telecommunication pole does not exceed a height (network utility) whichever is the lesser of the following:
 - a. 25 metres; or
 - b. the height (network utility) of the replaced pole or tower or telecommunication pole by more than 30 percent.
5. The diameter or width of a replacement pole or telecommunication pole:
 - a. does not exceed twice that of the replaced pole at its widest point; or
 - b. where a single pole is replaced with a pi pole, the width of the pi pole structure must not exceed three times the width of the replaced pole at its widest point.

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Non-complying where compliance with [IE-REQ5 Radio frequency field](#) is not achieved.
3. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
4. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
5. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
6. Controlled where compliance with Clause 15 is not achieved and where:
 - a. a replacement panel antenna does not exceed a face area of 1.2m²;
 - b. a replacement dish antenna does not increase in diameter by more than 50%.
7. Restricted discretionary in all other circumstances.

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| <p>6. A replacement tower's footprint does not exceed the width of the tower by more than 25 percent.</p> <p>7. A replacement pole or tower or telecommunication pole complies with height restrictions for any view shaft that is identified by, and managed by, a rule in a District Plan or does not increase the existing degree of non-compliance.</p> <p>8. The diameter of a replacement conductor or line does not exceed the diameter of the replaced conductor or line or 50mm, whichever is the greater.</p> <p>9. Additional conductors or lines:</p> <p style="padding-left: 40px;">a. do not increase the number of conductors or lines by more than 100 percent; and</p> <p style="padding-left: 40px;">b. have a diameter not exceeding 50mm.</p> <p>10. There are no additional towers.</p> <p>11. An additional pole, up to a maximum of two additional poles, is necessary to achieve the conductor clearances required by NZECP 34:2001.</p> <p>12. Additional cross arms do not exceed the length of the existing cross arm by more than 100%, up to a maximum of 4 metres.</p> <p>13. The diameter of replacement pipes does not exceed the diameter of the replaced pipe by more than 300mm.</p> <p>14. The realignment, relocation or replacement of any other network utility structure or building:</p> <p style="padding-left: 40px;">a. must be within 5m of the alignment or location of the original structure or building;</p> <p style="padding-left: 40px;">b. must not increase the footprint of structure or building by greater than 30 percent.</p> <p>15. In all zones including a protected area:</p> | <p>Matters over which control is reserved:</p> <p>1. The potential adverse visual effects of the antenna, including impacts on the values and attributes (including amenity values) of the locality and any contribution to cumulative adverse effects.</p> <p>Matters of discretion are restricted to:</p> <p>1. The functional and operational needs of, and benefits derived from, the network utility.</p> <p>2. The purposes and necessity of the upgrading.</p> <p>3. The potential adverse visual effects of the upgrading, including impacts on the amenity values of the locality, and any contribution to cumulative adverse effects.</p> <p>4. The potential adverse effects on the values and attributions of a protected area or historic heritage site.</p> <p>5. Any measures to avoid, remedy or mitigate adverse effects.</p> |
|--|--|

- a. a replacement panel antenna does not increase the face area by more than 20 percent;
 - b. a replacement dish antenna does not increase in diameter by more than 20 percent.
16. In a historic heritage site that is identified by, and managed by, a rule in a District Plan:
- a. a replacement antenna colour is the same or similar colour to a scheduled historic heritage building or structure.
 - b. a replacement panel antenna does not increase the face area by more than 20 percent;
 - c. a replacement dish antenna does not increase in diameter by more than 20 percent.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ4 National Grid.](#)
3. [IE-REQ5 Radio frequency fields.](#)
4. [IE-REQ6 Electric and magnetic fields.](#)
5. [IE-REQ7 Aircraft protection.](#)

IE-R4	New signs	
all zones	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The sign is an official sign. 2. The sign is not an official sign and: <ul style="list-style-type: none"> a. does not exceed an area of 1m²; b. is not attached to a tree, heritage building or structure that is 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 2. Restricted discretionary in all other cases.

identified by, and managed by, a rule in a District Plan.

3. The sign is a temporary sign associated with the construction, maintenance or upgrading of a network utility that is not an official sign and is:
 - a. installed no greater than 3 months prior to work commencing;
 - b. removed within 1 month of completion of the works;
 - c. no greater than 3m² in area.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the sign (including any illumination of the sign).
3. The potential impacts on the safe and efficient operation and function of other network utilities.
4. The potential adverse effects of the sign (including any illumination of the sign) on the amenity values of the locality, and any measures to avoid or mitigate those effects.
5. The potential for the sign (including any illumination of the sign) to contribute to cumulative adverse effects on amenity values.
6. The potential adverse effects of any illumination of the sign on the values of a protected area, or a nationally significant dark sky area.

Where this activity complies with the following rule requirements:

1. [IE-REQ7 Aircraft protection.](#)
2. [IE-REQ8 Outdoor lighting.](#)

IE-R5	New and extended vehicle access tracks
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all zones	Activity status: Permitted	Activity status when compliance not achieved: Discretionary
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Where:

1. The new or extended vehicle access track is located outside of the following areas:

- a. a protected area;
 - b. a historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a District Plan.
2. The new or extended vehicle access track is in a visual amenity landscape (that is not for the protection of a viewshaft) has a maximum width of 3 metres excluding passing bays.

Where this activity complies with the following rule requirements:

Nil

IE-R6	Temporary network utilities	
all zones	<p>Activity status: P</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The temporary network utility operates for a maximum of 12 months. 2. The temporary network utility is removed from the site when operation ceases. 3. The temporary network utility is setback at least 2 metres from a residential site boundary. <p>Where this activity complies with the following rule requirements:</p> <ol style="list-style-type: none"> 1. IE-REQ1 Land disturbance. 2. IE-REQ2 Noise. 3. IE-REQ5 Radio frequency fields. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ5 Radio frequency fields is not achieved. 2. Non-complying where compliance with IE-REQ6 Electric and magnetic fields is not achieved. 3. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 4. Restricted discretionary where compliance with IE-REQ2 Noise is not achieved.

4. [IE-REQ6 Electric and magnetic fields.](#)
 5. [IE-REQ7 Aircraft protection.](#)
 6. [IE-REQ8 Outdoor lighting.](#)
5. Restricted discretionary where compliance with [IE-REQ8 Outdoor lighting](#) is not achieved.
 6. Discretionary in all other cases.

Matters of discretion are restricted to:

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purpose and necessity of the temporary network utility.
3. The potential adverse effects any noise generated by the temporary network utility having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
4. The potential adverse effects of any outdoor lighting, particularly on the amenity values of the locality.
5. Any measures to avoid, remedy or

mitigate adverse effects.

6. The potential to contribute to cumulative adverse effects on amenity values.
7. The potential adverse effects of any outdoor lighting on the values and attributes of a protected area, or a nationally significant dark sky area.

IE-R7 Electricity generators and self-contained power units for the supply of a network utility

all zones Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A electricity generator is back-up or emergency electricity supply purposes (and not the primary electricity supply) for a network utility.
2. A temporary electricity generator:
 - a. is transportable;
 - b. operates for a maximum of 12 months; and
 - c. is removed from the site when it ceases to be used.
3. A permanent back-up or emergency electricity generator or a self-contained power unit is not located in a:

1. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
2. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
3. Restricted discretionary in all other cases.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the generator or power unit.
3. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
4. The potential adverse visual effects (including the effects of any outdoor lighting), particularly on the amenity values of the locality.
5. Any measures to avoid, remedy or mitigate adverse effects.

- a. protected area;
 - b. historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - c. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a District Plan;
 - d. visual amenity landscape.
4. A permanent back-up generator or a self-contained power unit is setback at least 2 metres from a residential site boundary.
6. The potential to contribute to cumulative adverse effects on amenity values.
7. The potential adverse effects of on the values and attributes of:
- a. a protected area;
 - b. a historic heritage site;
 - c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape;
 - e. a nationally significant dark sky area.

Where this activity complies with the following rule requirements:

- 1. [IE-REQ1 Land disturbance.](#)
- 2. [IE-REQ2 Noise.](#)
- 3. [IE-REQ7 Aircraft protection.](#)
- 4. [IE-REQ8 Outdoor lighting.](#)

IE-R8 New above ground customer connections

residential and commercial zones

Activity status: Permitted

Where:

Activity status when compliance not achieved:

- 1. Non-complying where compliance with [IE-REQ6 Electric](#)

- | | |
|---|--|
| <ol style="list-style-type: none"> 1. The connection does not include a new tower. 2. The connection does not exceed three additional poles. 3. The diameter of conductors, lines or cables does not exceed 30mm. 4. The connection is not to the primary feature of a heritage building or structure that is identified by, and managed by, a rule in a District Plan. | <p>and magnetic fields is not achieved.</p> <ol style="list-style-type: none"> 2. Controlled where compliance with Clause (4), relating to a heritage building or structure, is not achieved. 3. Discretionary in all other circumstances. |
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Matters over which control is reserved:

1. Effects on the values and characteristics of the heritage building or structure.
2. The extent to which any adverse effects on the values and characteristics of the heritage building or structure have been avoided or mitigated by the design, location and installation methods.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ6 Electric and magnetic fields](#).

all other zones Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. Outside of a land transport corridor, the connection does not exceed three additional poles up to a maximum of 25 metres in height (network utility) when located in a:
 - a. protected area;
 - b. historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - c. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a District Plan

1. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
2. Controlled where compliance with Clause (3), relating to a heritage building or structure, is not achieved.
3. Discretionary in all other circumstances.

Matters over which control is reserved:

1. Effects on the values and characteristics of the heritage building or structure.
2. The extent to which any adverse effects on the values and characteristics of the heritage building or structure have

- d. visual amenity landscape.
- 2. The diameter of conductors, lines or cables does not exceed 30mm.
- 3. The connection is not to the primary feature of a heritage building or structure that is identified by, and managed by, a rule in a District Plan.

e been avoided or mitigated by the design, location and installation methods.

Where this activity complies with the following rule requirements:

- 1. [IE-REQ1 Land disturbance.](#)
- 2. [IE-REQ6 Electric and magnetic fields.](#)

IE-R9	New substations (including switching stations), gas regulation, valve and/or takeoff stations and energy storage batteries (not enclosed by a building or structure)
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all zones outside of:	Activity status: Permitted	Activity status when compliance not achieved:
<p>a. a protected area;</p> <p>b. a historic heritage site that is identified by, and managed by, a rule in a plan.</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.</p> <p>d. a visual amenity landscape.</p>	<p>Where:</p> <ul style="list-style-type: none"> 1. The substation, gas regulation, valve and/or takeoff station or storage batteries do not exceed the permitted zone height limit established by a rule in a plan or the following, whichever is the greater: <ul style="list-style-type: none"> a. 10 metres in rural or industrial zones; b. 2.5 metres in all other zones. 2. The substation, gas regulation, valve and/or takeoff station or storage batteries do not exceed an area of: 	<ul style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ6 Electric and magnetic fields is not achieved. 2. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 3. Restricted discretionary where compliance with IE-REQ2 Noise is not achieved. 4. Restricted discretionary where compliance with IE-

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| <ul style="list-style-type: none"> a. 20m² in residential zones; b. 30m² in all other zones. | <ul style="list-style-type: none"> 5. Restricted discretionary where compliance with IE-REQ8 Outdoor lighting is not achieved. |
| <ul style="list-style-type: none"> 3. The substation, gas regulation, valve and/or takeoff station or storage batteries are setback at least 2 metres from a residential site boundary. | <ul style="list-style-type: none"> 6. Discretionary in all other circumstances. |

Matters of discretion are

**Where this activity complies with the restricted to:
following rule requirements:**

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|--|---|
| <ul style="list-style-type: none"> 1. IE-REQ1 Land disturbance. 2. IE-REQ2 Noise. 3. IE-REQ3 Parking and access. 4. IE-REQ6 Electric and magnetic fields. 5. IE-REQ7 Aircraft protection. 6. IE-REQ8 Outdoor lighting. | <ul style="list-style-type: none"> 1. The functional and operational needs of, and the benefits derived from, the network utility. 2. The purpose and necessity of the substation. 3. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment. 4. The potential effects on any outdoor lighting, particularly on the amenity values associated with the locality. 5. Impacts on the safe and efficient operation |
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of the local roading network.

6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

all zones in:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan.

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.

d. a visual amenity landscape.

Activity status: Discretionary

Where:

1. The substation, gas regulation, valve and/or takeoff station, or storage batteries are not in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

1. [IE-REQ6 Electric and magnetic fields](#).
2. [IE-REQ7 Aircraft protection](#).

Activity status when compliance not achieved:

1. Non-complying in all circumstances.

IE-R10

New network utilities in existing buildings

all zones

Activity status: Permitted

Where:

1. The new network utility does not modify the interior of a heritage building where the interior of the heritage building is specifically identified by, and managed by, a rule in a plan.

Activity status when compliance not achieved:

1. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
2. Restricted discretionary for all other matters

Where this activity complies with the Matters of discretion are following rule requirements: restricted to:

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. IE-REQ2 Noise. 2. IE-REQ6 Electric and magnetic fields. | <ol style="list-style-type: none"> 1. The functional and operational needs, and the benefits derived from, the network utility. 2. The purpose and necessity for the network utility. 3. Effects on the values and characteristics of the heritage building. 4. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment. 5. Any measures to avoid, remedy or mitigate adverse effects. |
|---|---|

IE-R11	New navigational aids, sensing and environmental monitoring equipment (including air quality and meteorological)
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all zones outside of: **Activity status:** Permitted

a. a protected area;

b. an historic heritage site that is identified by, and managed by a rule in a plan. **Where this activity complies with the following rule requirements:**

1. Nil

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

all zones in:

Activity status: Permitted

Activity status when compliance not achieved: Discretionary

a. a protected area;

b. an historic heritage site that is identified by, and managed by a rule in a plan.

Where:

1. The equipment does not exceed an:

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

a. area of 6m²; or

b. height (network utility) of 1.8 metres.

d. a visual amenity landscape.

Where this activity complies with the following rule requirements:

1. Nil

IE-R12

New overhead lines and associated poles, telecommunication poles or towers

rural and industrial zones

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. Except when in a land transport corridor, a new overhead line is not located in a:

a. protected area;

b. historic heritage site that is identified by, and managed by, a rule in a plan;

c. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. visual amenity landscape.

2. Poles or telecommunication poles do not exceed a height (network utility) of 25 metres.

1. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.

2. Non-complying where [IE-REQ7 Aircraft protection](#) is not achieved.

3. Non-complying when located outside of a land transport corridor and in a protected area in the coastal environment.

3. Towers do not exceed a height (network utility) of 15 metres.
4. Discretionary in all other circumstances.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ6 Electric and magnetic fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

all other zones

Activity status: Discretionary

Activity status when compliance not achieved: Non-complying in all circumstances

Where:

1. The new overhead line is not in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

1. [IE-REQ6 Electric and magnetic fields.](#)
2. [IE-REQ7 Aircraft protection.](#)

IE-R13

New telecommunications kiosk

all zones

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A telecommunication kiosk does not exceed:
 - a. a height of 3.5 metres;
 - b. an area of 1.5m².

1. Non-complying where compliance with [IE-REQ5 Radio frequency field](#) is not achieved.
2. Restricted discretionary in all other circumstances.
- 3.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields.](#)

Matters of discretion are restricted to:

1. The potential adverse visual effects, particularly on the amenity values and streetscape of the locality.

IE-R14	New small cell unit
all zones	Activity status: Permitted

Where this activity complies with the following rule requirements:

Nil

IE-R15	New telecommunications poles and new antennas attached to poles (that are not regulated by the NESTF)	
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all zones in the land transport corridor	Activity status: Permitted	Activity status when compliance not achieved:
	<p>Where:</p> <ol style="list-style-type: none"> 1. The telecommunications pole and antennas are not located in Queenstown Lakes District. 2. The combined height (network utility) of a telecommunications pole and antenna does not exceed the permitted zone height limit established by a rule in a plan or the following, whichever is the greater: <ol style="list-style-type: none"> a. 15 metres in a residential zone or local commercial zone that adjoins a residential zone and is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree 	<ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ5 Radio frequency fields is not achieved. 2. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 3. Discretionary where compliance with IE-REQ1 Land disturbance is not achieved. 4. Restricted discretionary in all other circumstances.

recession plane measured from a point 2.5 metres above ground level.

5.

- b. 20 metres in a neighbourhood commercial zone, is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree recession plane measured from a point 2.5 metres above ground level.
- c. 35 metres when located in the Canterbury Plains geographic area, or 40 metres where two or more users of the same pole;
- d. 25 metres in all other locations, or 30 metres where two or more users of the same pole.

3. A panel antenna:

- a. does not exceed a width of 0.7 metres; and
- b. when in a formed legal road, fits within an envelope of 3.5 metres in length and 0.7 metres in diameter.

4. A dish antenna (that is not in the rail corridor) does not exceed a diameter of:

- a. 0.38 metres when in a:
 - i. protected area;
 - ii. historic heritage site that is identified by, and managed by, a rule in a plan;

Matters of discretion are restricted to:

- 1. The functional and operational needs of, an benefits derived from, the network utility.
- 2. The potential adverse visual effects, particularly on the amenity values of the locality and streetscape.
- 3. The potential adverse effects on the values and attributes of:
 - a. a protected area;
 - b. an historic heritage site;
 - c. a site of cultural value;
 - d. a visual amenity landscape.
- 4. The potential impacts on the operation, maintenance and upgrade of other network utilities.
- 5. Any measures to avoid, remedy or mitigate adverse effects.

- iii. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
 - iv. visual amenity landscape; or
 - b. 1.2 metres in rural or industrial zones or commercial excluding neighbourhood and local commercial zones outside the areas listed in 4(a).
 - c. 0.9 metres in neighbourhood and local commercial zones locations outside the areas listed in 4(a).
- 5. A dish antenna in a railway corridor does not exceed a diameter of:
 - a. 0.6 metres when in a:
 - i. protected area;
 - ii. historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - iii. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
 - iv. visual amenity landscape; or
 - b. 1.2 metres outside the areas listed in 5(a).
- 6. Omni directional 'whip' or dipole antennas do not exceed:
 - 6. The potential to contribution to cumulative effects on amenity values.

- a. 1.6 metres in vertical length;
 - b. 60mm in diameter; and
 - c. 1.5 metres in horizontal length.
7. A headframe does not exceed the following:
- a. 2.5 metres in diameter in residential zones (except when located on formed legal road as provided for by 3(b) above);
 - b. 6 metres in diameter in all other zones and unformed legal road.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ5 Radio frequency fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

all zones, outside of the transport corridor and outside of:

- a. a protected area;
- b. an historic heritage site that is identified by, and managed by a rule in a plan;
- c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
- d. a visual amenity landscape.

Activity status: Permitted

Where:

1. The combined height (network utility) of a telecommunications pole and antenna does not exceed the permitted zone height limit established by a rule in a plan or the following, whichever is the greater:
 - a. 15 metres in a residential zone or local commercial zone that adjoins a residential zone and is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree recession plane measured

Activity status when compliance not achieved:

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.

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| <p>from a point 2.5 metres above ground level</p> | <p>4. Restricted discretionary in all other circumstances.</p> |
| <p>b. 20 metres in a neighbourhood commercial zone, is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree recession plane measured from a point 2.5 metres above ground level;</p> | <p>5.</p> |
| <p>c. 35 metres when located in the Canterbury Plains geographic area, or 40 metres where two or more users of the same pole;</p> | <p>Matters of discretion are restricted to:</p> |
| <p>d. 25 metres in all other locations, or 30 metres where two or more users of the same pole.</p> | <p>1. The functional and operational needs of, an benefits derive from, the network utility.</p> |
| <p>2. A panel antenna does not exceed a width of 0.7 metres.</p> | <p>2. The potential adverse visual effects, potentially on the amenity values of the locality.</p> |
| <p>3. A dish antenna does not exceed a diameter of 1.2 metres.</p> | <p>3. Any measures to avoid, remedy or mitigate adverse effects.</p> |
| <p>4. Omni directional 'whip' or dipole antennas do not exceed</p> | <p>4. The potential contribution to cumulative effects on amenity values.</p> |
| <p>a. 1.6 metres in vertical length;</p> | |
| <p>b. 60mm in diameter; and</p> | |
| <p>c. 1.5 metres in horizontal length.</p> | |
| <p>5. A headframe does not exceed the following:</p> | |
| <p>a. 2.5 metres in diameter in residential zones</p> | |
| <p>b. 6 metres in diameter in all other zones.</p> | |

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ5 Radio frequency fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

all zones, outside of the transport corridor and inside:

a. a protected area;

b. an historic heritage site that is identified by, and managed by a rule in a plan;

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

Activity status: Permitted

Where:

1. Located in an outstanding natural landscape indentified in the Queenstown Lakes District Plan and:
 - a. the combined height (network utility) of a telecommunications pole and antenna does not exceed 8 metres;
 - b. the telecommunications pole and antenna is finished in colours with a light reflectance value of less than 16%.

Activity status when compliance not achieved:

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Non-complying when located in a protected area in the coastal environment.
4. Discretionary in all other circumstances.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ5 Radio frequency fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

IE-R16

New telecommunications poles and new antennas in road reserve (regulated by Regulations 26 or 28 of the NESTF that do not meet the permitted activity standards in Regulations 27 or 29 of the NESTF)

all zones

Activity status: Controlled

Activity status when compliance not achieved:

Where:

1. The permitted activity combined height (network utility) of a telecommunications

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.

- pole and antenna is exceeded by a maximum of 1 metre.
2. The telecommunications pole permitted activity notional envelope is exceeded by a maximum of 1 metre in height up to 4.5 metres.
 3. A panel antenna does not exceed a width of 0.8 metres.
 4. A dish antenna does not exceed a diameter of:
 - a. 0.6 metres in a residential zone;
 - b. 0.9 metres in all other zones.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
 3. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
 4. Restricted discretionary in all other circumstances.
 - 5.

Matters of discretion are restricted to:

Matters over which control is reserved:

1. The potential adverse visual effects, particularly on the amenity values of the locality and streetscape.
2. The potential impacts on the operation, maintenance and upgrade of other network utilities.

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential adverse visual effects, particularly on the amenity values of the locality and streetscape.
3. Any measures to avoid, remedy or mitigate adverse effects.
4. The potential impacts on the operation, maintenance and upgrade of other network utilities.
5. The potential to contribute to cumulative effects on amenity values.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ5 Radio frequency fields](#).
3. [IE-REQ7 Aircraft protection](#).

Notification:

Application for resource consent under this rule will be decided without public notification.

IE-R17

New telecommunications poles and new antennas not in road reserve (regulated by Regulations 30, 32 or 34 of the NESTF that do not meet the permitted activity standards in Regulations 31, 33 or 35 of the NESTF)

all zones

Activity status: Controlled

Activity status when compliance not achieved:

Where:

1. A telecommunications pole is not located in:
 - a. a protected area;
 - b. an historic heritage site that is identified by, and managed by, a rule in a plan;
 - c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan
 - d. a visual amenity landscape.
2. In a rural or industrial zone (not immediately adjoining a residential zone), the permitted activity combined height (network utility) of a telecommunications pole and antenna does not exceed 30 metres, or 35 metres where two or more operators utilise the same pole.
3. A panel antenna does not exceed a width of 0.8 metres (excluding than in a residential zone).
4. A dish antenna does not exceed a diameter of:
 - a. 0.6 metres in a residential zone;
 - b. 2.0 metres in all other zones.

Matters over which control is reserved:

1. The potential adverse visual effects, particularly on the visual amenity of the locality.

Where this activity complies with the following rule requirements:

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
4. Restricted discretionary in all other circumstances.
- 5.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential adverse visual effects, particularly on the visual amenity of the locality.
3. The potential adverse effects on the values and attributes of:

1. [IE-REQ1 Land disturbance.](#)
 2. [IE-REQ5 Radio frequency fields.](#)
 3. [IE-REQ7 Aircraft protection.](#)
- a. a protected area;
 - b. an historic heritage site;
 - c. a site of cultural value;
 - d. a visual amenity landscape.

Notification:

Application for resource consent under this rule will be decided without public notification.

4. Any measures to avoid, remedy or mitigate adverse effects.
5. The potential to contribute to cumulative effects on amenity values.

IE-R18 New antennas attached to a building (that are not regulated by the NESTF)

all zones	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The face area of a panel antenna does not exceed 1.5m². 2. A dish antenna: <ol style="list-style-type: none"> a. does not exceed a diameter of 1.2 metres; and b. is not attached to building that is a historic heritage site identified by, and managed by, a rule in a District Plan; 3. The antenna does not exceed a height of 5 metres above the point of attachment to the building. 4. Is not attached to a building in a residential zone, except where the antenna is attached at least 15 metres above ground level. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ5 Radio frequency fields is not achieved. 2. Restricted discretionary in all other circumstances. 3. <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and benefits derived from, the network utility. 2. The potential adverse visual effects, particularly
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Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields](#).

on the visual amenity of the locality.

3. Effects on the characteristics and values of a building that is a historic heritage site.
4. Measures to avoid, remedy or mitigate adverse effects.
5. The potential to contribute to cumulative effects on amenity values.

IE-R19

New antennas attached to a building (regulated by Regulation 36 of the NESTF that do not meet the permitted standards in Regulation 37)

all zones outside:

Activity status: Controlled

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where:

1. A new panel antenna does not exceed a maximum face area of 2m².

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

Matters over which control is reserved:

d. a visual amenity landscape.

1. The potential adverse visual effects, particularly on the visual amenity of the locality.

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.

2. Restricted discretionary in all other circumstances.

3.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields](#).

Matters of discretion are restricted to:

Notification:

1. The functional and operational needs of, and benefits

Application for resource consent under this rule will be decided without public notification.

derived from, the network utility.

2. The potential adverse visual effects, particularly on the visual amenity of the locality.
3. Measures to avoid, remedy or mitigate adverse effects.
4. The potential to contribute to cumulative effects on amenity values.

all zones in:

Activity status: Restricted discretionary

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where:
Nil

Non-complying

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

Matters of discretion are restricted to:

d. a visual amenity landscape.

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential adverse visual effects, particularly on the visual amenity of the locality.
3. The potential adverse effects on the values and attributes of:
 - a. a protected area;
 - b. an historic heritage site or building;

- c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape.
4. measures to avoid, remedy or mitigate adverse effects.
 5. The potential to contribute to cumulative adverse effects.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields.](#)

Notification:

Application for resource consent under this rule will be decided without public notification.

IE-R20	New telecommunications cabinets (regulated by Regulation 19 of the NESTF that do not meet the permitted standards in Regulation 20, 21 and 22)
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<p>all zones outside of:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and protected by, a rule in a plan;</p> <p>d. a visual amenity landscape.</p>	<p>Activity status: Controlled</p> <p>Where:</p> <ol style="list-style-type: none"> 1. A single telecommunications cabinet does not have a footprint exceeding 2.5m² or a height (network utility) of 2 metres. 2. A group of telecommunications cabinets does not have a footprint exceeding 3m². <p>Matters over which control is reserved:</p> <ol style="list-style-type: none"> 1. The potential adverse visual effects, particularly on the visual amenity of the locality and streetscape. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Restricted discretionary in all other circumstances. 2. <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and the benefits derived from, the network utility. 2. The potential adverse visual
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2. The potential effects on the operation, maintenance and upgrade of other network utilities.

effects, particularly on the visual amenity of the locality and streetscape.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification.

3. The potential effects on the operation, maintenance and upgrade of other network utilities.
4. Measures to avoid, remedy or mitigate adverse effects.
5. The potential to contribute to cumulative effects on amenity values.

all zones in:

Activity status: Controlled

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

c. a site of cultural value to tangata whenua that is identified by, and protected by, a rule in a plan;

d. a visual amenity landscape.

Where:

1. Located in a land transport corridor and
 - a. A single telecommunications cabinet does not have a footprint exceeding 2.5m² or a height (network utility) of 2 metres; and
 - b. A group of telecommunications cabinets does not have a footprint exceeding 3m².

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Discretionary in all other circumstances.
- 3.

Matters over which control is reserved:

1. The potential adverse visual effect, particularly on the visual amenity of the locality and streetscape.
2. The potential effects on the operation, maintenance and upgrade of existing network utilities.
3. The potential adverse effects on the values and attributes of:
 - a. a protected area;
 - b. an historic heritage site;
 - c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields.](#)

Notification:

Application for resource consent under this rule will be decided without public notification.

IE-R21	Subdivision	
all zones	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The subdivision for the purpose of accommodating a network utility that is a permitted activity or allowed by a resource consent or designation. 2. All resulting sites have legal access to a road. 3. Any balance site complies with the permitted activity or controlled activity minimum allotment size that applies. 	<p>Activity status when compliance not achieved: Restricted discretionary</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The nature and timing of development of the site. 2. The ability for the

	<p>Where this activity complies with the following rule requirements:</p> <p>Nil</p>	<p>balance site to be used.</p> <p>3. The ability to gain safe and efficient access to the site.</p>
IE-R22	Trimming and removal of trees and vegetation	
all zones outside of a protected area	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. Trimming of a tree identified by, and managed by, a rule in a plan, trimming is limited to: <ol style="list-style-type: none"> a. trimming branches that do not exceed a diameter of 50mm at the point of severance; b. the removal of less than 10% of live growth of the tree in any one calendar year; or c. trimming or removal that is required by statute or regulations, including Electricity (Hazards from Trees) Regulations 2003 and the Telecommunications Act 2001. 	<p>Activity status when compliance not achieved: Restricted discretionary</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and benefits derived from, the network utility. 2. The potential impacts on the values of the tree. 3. The potential loss of amenity values provided by the tree. 4. Any measures to reduce or mitigate adverse effects.
	<p>Where this activity complies with the following rule requirements:</p> <p>Nil</p>	
all zones in a protected area	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The trimming or removal is required by statute or regulations, including the Electricity (Hazards from Trees) 	<p>Activity status when compliance not achieved: Restricted discretionary</p>

Regulations 2003 and the Telecommunications Act 2001;

2. The tree or vegetation is damaging, or threatening to damage, a network utility; or
3. The trimming or removal is required to maintain an existing access track.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential impacts on the values and attributes of the protected area, and particularly the values associated with the tree/s or vegetation to be removed.
3. Any measures to reduce or mitigate adverse effects.

Where this activity complies with the following rule requirements:

Nil

IE-R23	New pedestrian and cycle facilities outside of a land transport corridor	
<p>all zones outside of a:</p> <p>a. a protected area</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan.</p> <p>c. a site of cultural value to tangata whenua that is identify by, and managed by, a rule in a plan.</p>	<p>Activity status: Permitted</p> <p>Where: Nil</p> <p>Where this activity complies with the following rule requirements:</p> <p>1. IE-REQ1 Land disturbance</p>	<p>Activity status when compliance not achieved: Discretionary</p>
<p>all zones in a:</p> <p>a. a protected area</p>	<p>Activity status: Discretionary</p> <p>Where:</p>	<p>Activity status when compliance</p>

<p>b. an historic heritage site that is identified by, and managed by, a rule in a plan.</p> <p>c. a site of cultural value to tangata whenua that is identify by, and managed by, a rule in a plan.</p>	<p>1. The new pedestrian or cycle facilities are not located in a protected area in the coastal environment.</p>	<p>not achieved:</p> <p>Non-complying</p>
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Where this activity complies with the following rule requirements:

Nil

IE-R24	New stock underpasses outside of a land transport corridor
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<p>all zones outside of:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.</p>	<p>Activity status: Permitted</p> <p>Where:</p> <p>Nil</p>	<p>Activity status when compliance not achieved:</p> <p>Discretionary</p>
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Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#)

<p>all zones in:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.</p>	<p>Activity status: Discretionary</p> <p>Where:</p> <ol style="list-style-type: none"> 1. A new stock underpass is not located in a protected area in a coastal environment. 	<p>Activity status when compliance not achieved:</p> <p>Non-complying</p>
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Where this activity complies with the following rule requirements:

Nil

IE-R25	New land transport infrastructure that is not provided for by Rule IR-R23 (new pedestrian and cycle facilities outside of a land transport corridor) or Rule IR-R24 (new stock underpasses outside of a land transport corridor)
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<p>all zones in a land</p>	<p>Activity status: Permitted</p>	<p>Activity status when compliance not achieved:</p>
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**transport
corridor**

Where:

1. The new land transport infrastructure is not a new railway level crossing (road or pedestrian).
2. Road lighting and associated support structures do not exceed a height of 25 metres.
3. A building and any other structure does not exceed a height of 10 metres or the permitted zone height limit established by a rule in a plan, whichever is the greater.
4. A building does not exceed an area of 20m².
5. A building is setback at least 2 metres from a residential site boundary.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ2 Noise](#).
3. [IE-REQ3 Parking and access](#).
4. [IE-REQ7 Aircraft protection](#).
5. [IE-REQ8 Outdoor lighting](#).

1. Non-complying where compliance with Clause (1) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Restricted discretionary where compliance with [IE-REQ2 Noise](#) is not achieved.
4. Restricted discretionary where compliance with [IE-REQ3 Parking and access](#) is not achieved.
5. Restricted discretionary where compliance with [IE-REQ8 Outdoor lighting](#) is not achieved.
6. Discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purposes and necessity of the network utility.
3. The potential adverse effects of any noise generated, having regard to the

level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.

4. The potential effects of any outdoor lighting, particularly on the amenity values associated with the locality.
5. Impacts on the safe and efficient operation of transport networks.
6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

all zones outside of a land transport corridor **Activity status:** Discretionary **Activity status when compliance not achieved:** Non-complying

Where:

1. The new land transport infrastructure is not a new railway level crossing (road or pedestrian).
2. The new land transport infrastructure is not located in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

Nil

IE-R26 **New electric vehicle charging facilities**

all zones in a land transport corridor **Activity status:** Permitted

Where this activity complies with the following rule requirements:

Nil

all zones outside of a land transport corridor **Activity status:** Permitted

Activity status when compliance not achieved:

Restricted discretionary

Where:

1. The electric vehicle charging device is installed in association with an existing, permitted or consented vehicle park, vehicle depot or garage structure.
2. A freestanding electric vehicle charging device does not exceed:
 - a. a height (network utility) of 2.1 metres;
 - b. an area of 3m².

Matters of discretion are restricted to:

1. Impacts on the safe and efficient operation of the transport network.

Where this activity complies with the following rule requirements:

Nil

IE-R27 **New above ground structures for the conveyance, treatment, storage or retention/detention of water, wastewater and stormwater that are not provided for by Rule IE-R28 (New above ground pipes and outfall structures) or Rule IE-R30 (New minor utility structure)**

all zones outside of: Activity status: Permitted

- a. a protected area;
- b. an historic heritage site that is identified by, and managed by, a rule in a plan;
- c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.

Where:

1. A building or structure does not exceed a height of 10 metres or the permitted zone height limit established by a rule in a plan, whichever is the greater.
2. A building or structure does not exceed an area of 20m².
3. A building or structure is setback at least 2 metres from a residential site boundary.
4. A building is setback at least 5 metres from a railway corridor boundary.

- d. a visual amenity landscape.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ2 Noise.](#)
3. [IE-REQ3 Parking and access.](#)
4. [IE-REQ4 National Grid.](#)
5. [IE-REQ7 Aircraft protection.](#)
6. [IE-REQ8 Outdoor lighting.](#)

Activity status when compliance is not achieved:

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Non-complying where compliance with [IE-REQ Aircraft protection](#) is not achieved.
3. Restricted discretionary where compliance with [IE-REQ2 Noise](#) is not achieved.
4. Restricted discretionary where compliance with [IE-REQ3 Parking and access](#) is not achieved.
5. Restricted discretionary where compliance with [IE-REQ8 Outdoor lighting](#) is not achieved.
6. Discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the network utility.

3. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
4. The potential effects of any outdoor lighting, particularly on the amenity values associated with the locality.
5. Impacts on the safe and efficient operation of the transport network.
6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

all zones in:

Activity status: Discretionary

a. a protected area;

Where:

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

1. A building or structure is not located in:

- a. a protected area in the coastal environment;
- b. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.

c. a site of cultural value to tangata whenua that is

Activity status when compliance is not achieved:

Non-complying

identified by, and managed by, a rule in a plan. Where this activity complies with the following rule requirements:

d. a visual amenity landscape.

1. [IE-REQ4 National Grid](#).
2. [IE-REQ7 Aircraft protection](#).

IE-R28 New above ground pipes and outfall structures (including cables, conductors and lines not provided for by [Rule IE-R12](#) New overhead lines and associated poles, telecommunications poles or towers)

all zones outside of a protected area

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A new gas pipeline does not exceed a gauge pressure of 2,000 kilopascals.
2. New pipes, cables, conductors, lines or structures do not exceed:
 - a. a diameter of 600mm;
 - b. a width of 1 metre, in the case of associated structures; and
 - c. a length of 100 metres.
3. When located above a waterbody new pipes, cables, conductors or lines are:
 - a. attached to an existing bridge structure and incorporated within an existing bridge structure or culvert; or
 - b. within an existing attached conduit or duct; and
 - c. not attached to a heritage structure that is identified by, and managed by, a rule in a plan.

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Discretionary when compliance with [IE-REQ1 Land disturbance](#) is not achieved.
3. Restricted discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purpose and necessity of the network utility.
3. The potential adverse visual effects, particularly on the visual amenity of the locality.
4. The potential adverse effects on the integrity and functionality of a

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#)
2. [IE-REQ4 National Grid](#).

bridge or
culvert structure.

5. Effects on the characteristics and values associated with a heritage structure.
6. The potential to contribute to cumulative adverse effects on visual amenity values.

and

1. For a gas pipeline that has a gauge pressure greater than 2,000 kilopascals:
 - a. the risks of hazard affecting public or individual safety, and the risk of property damage;
 - b. measures to avoid or mitigate adverse effects, including separation from any activity sensitive to gas transmission;
 - c. technical advice, including an assessment of the level of risk;
 - d. when located within a land transport corridor, the impacts on the operation, maintenance and upgrade of existing network

utilities in than
corridor.

**all zones in
a protected area**

Activity status: Permitted

**Activity status when compliance
not achieved:**

Where:

1. A new gas pipeline does not exceed a gauge pressure of 2,000 kilopascals.
2. New pipes, cables, conductors, lines or structures:
 - a. do not exceed a diameter of 150mm;
 - b. a width of 1 metre, in the case of associated structures; and
 - c. are in a cluster of no more than two pipes.
3. When located above a waterbody new pipes, cables, conductors or lines are:
 - a. attached to an existing bridge structure and incorporated within an existing bridge structure or culvert; or
 - b. within an existing attached conduit or duct; and
 - c. not attached to a heritage structure that is identified by, and managed by, a rule in a plan.

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Discretionary when compliance with [IE-REQ1 Land disturbance](#) is not achieved.
3. Restricted discretionary in all other circumstances.

**Matters of discretion are
restricted to:**

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purpose and necessity of the network utility.
3. The potential adverse visual effects, particularly on the visual amenity of the locality.
4. The potential adverse effects on the integrity and functionality of a bridge or culvert structure.
5. Effects on the characteristics and values associated with a heritage structure.
6. The potential to contribute to cumulative

**Where this activity complies with the
following rule requirements:**

1. [IE-REQ1 Land disturbance](#)
2. [IE-REQ4 National Grid](#).

adverse effects on
visual amenity values.

and

1. For a gas pipeline that has a gauge pressure greater than 2,000 kilopascals:
 - a. the risks of hazard affecting public or individual safety, and the risk of property damage;
 - b. measures to avoid or mitigate adverse effects, including separation from any activity sensitive to gas transmission;
 - c. technical advice, including an assessment of the level of risk;
 - d. when located within a land transport corridor, the impacts on the operation, maintenance and upgrade of existing network utilities in than corridor.

IE-R29

New ancillary utility equipment

all zones

Activity status: Permitted

Where this activity complies with the following rule requirements:

Nil

IE-R30	New minor utility structures, including cabinets (that are not regulated by the NESTF)	
<p>all zones in a land transport corridor; and</p> <p>all zones outside of a land transport corridor not in:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;</p> <p>d. a visual amenity landscape.</p>	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. A new minor utility structure does not exceed: <ol style="list-style-type: none"> a. a maximum floor area of 6m². b. a maximum height (network utility) of 1.8 metres. <p>Where this activity complies with the following rule requirements:</p> <ol style="list-style-type: none"> 1. IE-REQ1 Land disturbance. 2. IE-REQ2 Noise. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Discretionary when compliance with IE-REQ1 Land disturbance is not achieved. 2. Restricted discretionary in all other circumstances. <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and benefits derived from, the minor utility structure. 2. The purpose and necessity of the minor utility structure. 3. The potential visual effects, particularly on the visual amenity of the locality and streetscape. 4. The potential effects on the operation, maintenance and upgrade of existing network utilities. 5. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment. 6. The potential adverse effects on the values and attributes of: <ol style="list-style-type: none"> a. a protected area; b. an historic heritage site;

- c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape.
7. Any measures to avoid, remedy or mitigate adverse effects.
 8. The potential to contribute to cumulative adverse effects.

all zones outside of a land transport corridor and in: **Activity status:** Discretionary

a. a protected area; **Where:**

Nil

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where this activity complies with the following rule requirements:

Nil

c. a site of cultural value to tangata whenau that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

IE-R31 New network utilities (including network utility buildings and enclosed substations) not provided for by another Rule

in all zones outside of: **Activity status:** Permitted

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where:

1. A building does not exceed a height of 10 metres or the permitted zone height limit established by a rule in a plan, whichever is the greater.
2. A building does not exceed an area of 20m².

1. Non-complying when compliance with {IE-REQ4 National Grid} is not achieved.
2. Non-complying when compliance with {IE-REQ5 Rado frequency fields} is not achieved.
3. Non-complying when compliance with [IE-REQ6](#) Electric and

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

3. A building is setback 2 metres from a residential boundary.
4. A building is setback 5 metres from a railway corridor boundary.

magnetic fields} is not achieved.

4. Non-complying when compliance with {IE-REQ7 Aircraft protection} is not achieved.

Where this activity complies with the following rule requirements:

1. {IE-REQ1 Land disturbance}.
2. {IE-REQ2 Noise}.
3. {IE-REQ3 Parking and access}.
4. {IE-REQ4 National Grid}.
5. {IE-REQ5 Radio frequency fields}.
6. {IE-REQ6 Electric and magnetic fields}.
7. {IE-REQ7 Aircraft protection}.
8. {IE-REQ8 Outdoor lighting}.

5. Restricted discretionary when compliance with {IE-REQ2 Noise} is not achieved.

6. Restricted discretionary when compliance with {IE-REQ3 Parking and access} is not achieved.

7. Restricted discretionary when compliance with {IE-REQ8 Outdoor lighting} is not achieved.

8. Discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the network utility.
3. The potential adverse effects of any noise generated, having regard to the level, duration and

characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.

4. The potential effects of outdoor lighting, particularly on the amenity values associated with the locality.
5. Impacts on the safe and efficient operation of the transport network.
6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

in all zones in:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

c. a site of cultural value to tangata whenua that is identified by, and

Activity status: Discretionary

Where:

1. A new network utility is not located in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

Activity status when compliance not achieved:

Non-complying

- managed by, a rule in a plan;
- d. a visual amenity landscape.
1. {IE-REQ4 National Grid}.
 2. {IE-REQ5 Radio frequency fields}.
 3. {IE-REQ6 Electric and magnetic fields}.
 4. {IE-REQ7 Aircraft protection}.

Table 3: Rule requirements table

IE-REQ1	Land disturbance
all zones	<p>Land disturbance must:</p> <ol style="list-style-type: none"> 1. be located outside of a protected area, unless: <ol style="list-style-type: none"> a. the land disturbance is for the maintenance, repair or removal of an existing network utility; and b. the area has been previously disturbed. 2. not exceed an area of 20m², a volume of 10m³ and a depth of 1m (unless within a land transport corridor or for a new customer connection) in: <ol style="list-style-type: none"> a. an historic heritage site that is identified and managed by a rule in the plan; b. a site of cultural value to Tangata Whenua that is identified and managed by a rule in the plan; 3. not exceed an area of 2500m² or volume of 2500m³; 4. not be for the reticulation and storage of water for irrigation purposes within 12m of the outer edge of a foundation of a National Grid support structure or centreline of a National Grid transmission line; 5. meet the requirements of The New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001); 6. in the event of discovery of an archaeological site, implement an accidental discovery protocol set by Heritage New Zealand.
IE-REQ2	Noise
all zones	<p>Any noise limits established by a rule in a plan for the relevant zone must be met except that:</p> <ol style="list-style-type: none"> 1. All new roads and all altered road that are within the scope of New Zealand Standard NZS 6806:2010

Acoustics – Road traffic noise – New and altered roads must comply with the requirements of New Zealand Standard NZS 6806:2010 Acoustics – Road traffic noise – New and altered roads.

2. Noise limits do not apply to emergency and back-up generator noise operated for a duration not exceeding 48 hours.
3. When operated for a duration exceeding 48 hours, emergency and back-up generator noise must not exceed a day time noise limit established by a rule in a plan for the relevant zone (at any time).
4. Substations and energy storage batteries must not exceed:
 - a. when measured at the boundary of a site in a residential zone or at the notional boundary of a site in a rural zone:
 - i. 55 dB L_{Aeq} between Monday to Saturday 7am to 10pm and Sundays between 9am and 6pm;
 - ii. 45 dB L_{Aeq} /75 dB L_{Amax} at all other times.
 - b. the permitted activity noise standards in all other circumstances.
5. Compressors associated with gas transmission pipelines must not exceed 75 dB L_{A10} when measured at the boundary of a site in a residential zone or at the notional boundary of a site in a rural zone.

IE-REQ3

Parking and access

all zones

Where a network utilities is permanently staffed:

1. a minimum of 1 car park per full time equivalent must be provided;
2. access to the network utilities and car park must be provided to a minimum formed width of 2.7 metres; and
3. any new vehicle crossing place must be a minimum of 10 metres from an intersection and any existing vehicle crossing.

IE-REQ4

National Grid

all zones The reticulation and storage of water for irrigation purposes must be located outside of the National Grid Yard.

IE-REQ5 Radio frequency fields

all zones If generating radiofrequency fields, an activity must not exceed the maximum exposure level of the general public in New Zealand Standards NZS 2772.1:1999 Radiofrequency fields – Maximum exposure levels – 3kHz to 300 GHz.

IE-REQ6 Electric and magnetic fields

all zones If generating electric and magnetic fields, the activity must not exceed with the International Commission on Non-ionising Radiation Protection Guidelines for limiting exposure to time varying electric and magnetic fields (1Hz – 100kHz) (Health physics, 2010, 99(6); 818-836) and recommendations from the World health Organisation monograph Environmental Health Criteria (No 238, June 2007).

IE-REQ7 Aircraft protection

all zones Buildings and structures must not:

1. penetrate protection surfaces that are identified, and protected by a rule, in a plan and are in accordance the Civil Aviation Authority of New Zealand Rule Part 139 Appendix E with surface dimensions as noted in Advisory Circular 139-6 (AC 139-6);
2. be located in a runway end protection area identified, and protected by a rule, in a plan.

IE-REQ8 Outdoor lighting

residential, open space and recreation zones Outdoor artificial lighting must not exceed 4 lux spill (horizontal or vertical added illuminance) when measured 2 metres within the boundary of an adjacent site and in accordance with AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting, except:

1. outdoor artificial lighting must not exceed 2.5 lux spill (horizontal or vertical added illuminance) in any part of at state highway;
2. this requirement does not apply to vehicles, traffic signals and navigational aids;

3. when located in a nationally significant dark sky area identified, and protected by a rule, in a plan, the provisions of the plan apply;
4. when located in an area identified, and protected by a rule, in a plan for the purposes of managing ground lighting for aircraft safety, the provisions of the plan apply.

rural and special purpose zones

Outdoor artificial lighting must not exceed 10 lux spill (horizontal or vertical added illuminance) when measured 2 metres within the boundary of an adjacent site and in accordance with AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting, except:

1. outdoor artificial lighting must not exceed 2.5 lux spill (horizontal or vertical added illuminance) in any part of at state highway;
2. this requirement does not apply to vehicles, traffic signals and navigational aids;
3. when located in a nationally significant dark sky area identified, and protected by a rule, in a plan, the provisions of the plan apply;
4. when located in an area identified, and protected by a rule, in a plan for the purposes of managing ground lighting for aircraft safety, the provisions of the plan apply.

commercial and industrial zones

Outdoor artificial lighting must not exceed 20 lux spill (horizontal or vertical added illuminance) when measured 2 metres within the boundary of an adjacent site and in accordance with AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting, except:

1. outdoor artificial lighting must not exceed 2.5 lux spill (horizontal or vertical added illuminance) in any part of at state highway;
2. this requirement does not apply to vehicles, traffic signals and navigational aids;
3. when located in a nationally significant dark sky area identified, and protected by a rule, in a plan, the provisions of the plan apply;
4. when located in an area identified, and protected by a rule, in a plan for the purposes of managing ground lighting for aircraft safety, the provisions of the plan apply.

IE-REQ9	Gas transmission pipeline
all zones inside the land transport corridor	<ol style="list-style-type: none"> 1. Land disturbance must not be within 3 metres of a gas transmission pipeline except where the land disturbance is undertaken in accordance with a Gas Transmission Pipeline Risk Assessment. 2. The use of explosives must be more than 60 metres from a gas transmission pipeline.
all zones outside the land transport corridor	<ol style="list-style-type: none"> 1. Land disturbance must not be within 20 metres of a gas transmission pipeline must except where the land disturbance is undertaken in accordance with a Gas Transmission Pipeline Risk Assessment. 2. The use of explosives must be more than 60 metres from a gas transmission pipeline.

Infrastructure and Energy Rules (Management of the Effects of Other Activities on Network Utilities)

The following rules do not apply to network utilities, and instead apply to all other activities and manage or regulate the activities of others' where they have the potential to have an adverse effect on a network utility.

Table 4: Rule overview table

Use/activity	Rule number
<u>Management of the effects of other activities on significant electricity distribution lines</u>	
Subdivision of a site containing a significant electricity distribution line	IE-R32
<u>Management of the effects of other activities on state highways and the rail network</u>	
Vehicle crossings within 30 metres of a railway level crossings	IE-R33
Buildings and structures within a road/railway level crossing sight triangle	IE-R34
Buildings within 5 metres of a railway corridor boundary	IE-R35
Activities sensitive to noise within 100 metres of a state highway or railway corridor	IE-R36
<u>Management of the effects of other activities on gas transmission lines</u>	
Gas transmission sensitive activities within 60 metres of a gas transmission pipeline	IE-R37
Land disturbance within 20 metres of a gas transmission pipeline	IE-R38
The use of explosives within 60 metres of a gas transmission pipeline	IE-R39
Subdivision of a site containing a gas transmission pipeline	IE-R40

Table 5: Rule table

Management of the effects of other activities on significant electricity distribution lines

IE-R32

Subdivision of a site containing a significant electricity distribution line

all zones

Activity status: RD

Matters of discretion are restricted to:

1. The extent to which the subdivision allows for earthworks, buildings and structures to comply with the safe distance requirements of the New Zealand Electrical Code of Practice for Safe Electrical Distances (NZECP 34:2001).
2. The provision for the on-going efficient operation, maintenance, development and upgrade of the Significant Electricity Distribution Infrastructure, including the ability for continued reasonable access for maintenance, inspections and upgrading.
3. The location of any proposed building platform and the design and use of any future building as it relates to the Significant Electricity Distribution Infrastructure.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner/operator of the significant electricity distribution line is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

Management of the effects of other activities on state highways and the railway corridor

IE-R33

Vehicle crossings within 30 metres of a railway level crossing

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the safety and efficiency of railway and road operations will be adversely affected.
2. The outcome of any consultation with KiwiRail.
3. Any characteristics of the proposed use that will make compliance unnecessary.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. KiwiRail is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R34

Buildings and structures within a road/railway level crossing sight triangle

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the safety and efficiency of railway and road operations will be adversely affected.
2. The outcome of any consultation with KiwiRail.
3. Any characteristics of the proposed use that will make compliance unnecessary.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. KiwiRail is likely to be the only

affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R35 Buildings within 5 metres of a railway corridor boundary

all zones Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The size, nature and location of the buildings on the site.
2. The extent to which the safety and efficiency of railway and road operations will be adversely affected.
3. The outcome of any consultation with KiwiRail.
4. Any characteristics of the proposed use that will make compliance unnecessary.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. KiwiRail is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R36 Activities sensitive to noise within 100 metres of a state highway or railway corridor

At any point within 100 metres of a state highway or 100 metres from the legal boundary of any railway corridor
Activity status: Permitted
Where: *Outdoor road noise*

1. Any new building, or alteration to an existing building, that contains an activity sensitive to noise where:
 - a. external road noise levels are less than 57 dB $L_{Aeq(24h)}$ at all points 1.5 metres above ground level within the proposed notional boundary; or

Activity status when compliance not achieved: Restricted discretionary

Matters of discretion are restricted to:

1. Whether the activity sensitive to noise could be located further from the state

- b. there is a noise barrier at least 3 metres high which blocks the line-of-sight to the road surface from all points 1.5 metres above ground level within the proposed notional boundary.

highway or railway corridor.

Indoor road and railway noise

- 2. Any new building, or alteration to an existing building, that contains an activity sensitive to noise where the building or alteration is:
 - a. designed, constructed and maintained to achieve indoor design noise levels resulting from the road or railway not exceeding the maximum values in the following table; or

Occupancy /activity	Maximum road noise level L_{Aeq}(24h)	Maximum railway noise level L_{Aeq}(1h)
<i>Building type: Residential</i>		

Sleeping spaces	40 dB	35 dB
All other habitable rooms	40 dB	40 dB

<i>Building type: Education</i>		
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Lecture rooms/theatres, music studios, assembly halls	35 dB	35 dB
Teaching areas, conference rooms, drama studios, sleeping areas	40 dB	40 dB
Libraries	45 dB	45 dB

- 2. The extent to which the noise and vibration criteria are achieved and the effects of any non-compliance.
- 3. The character of, and degree of, amenity provided by the existing environment and proposed activity.
- 4. The reverse sensitivity effects on the state highway or railway corridor, and the extent to which mitigation measures can enable their ongoing operation, maintenance and upgrade.
- 5. Special topographical, building features or ground conditions which will mitigate vibration impacts;
- 6. The outcome of any

Building type: Health

Overnight medical care, wards 40 dB 40 dB

Clinics, consulting rooms, theatres, nurses' stations 45 dB 45 dB

consultation with the New Zealand Transport Agency or Kiwi Rail.

Notification:

Application for resource consent under this rule will be decided without public notification. The New Zealand Transport Agency or KiwiRail (as relevant) are likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

Building type: Cultural

Places of worship, marae 35 dB 35 dB

- b. at least 50 metres from the carriageway of any state highway or 50 metres from any railway corridor, and is designed so that a noise barrier entirely blocks line-of-sight from all parts of doors and windows, to the road surface and to all points 3.8 metres above railway tracks.

Mechanical ventilation

3. If windows must be closed to achieve the design noise levels in clause 2(a), the building is designed, constructed and maintained with a mechanical ventilation system that
- a. For habitable rooms for a residential activity, achieves the following requirements:
 - i. provides mechanical ventilation to satisfy clause G4 of the New Zealand Building Code; and
 - ii. is adjustable by the occupant to control the ventilation rate in increments up to a high air flow setting that provides at least 6 air changes per hour; and
 - iii. provides relief for equivalent volumes of spill air;

- iv. provides cooling and heating that is controllable by the occupant and can maintain the inside temperature between 18°C and 25°C; and
 - v. does not generate more than 35 dB $L_{Aeq(30s)}$ when measured 1 metre away from any grille or diffuser.
- b. For other spaces, is as determined by a suitably qualified and experienced person.

Indoor road and railway vibration

4. Any new buildings or alterations to existing buildings containing an activity sensitive to noise, closer than 40 metres to the carriageway of a state highway or 60 metres from the boundary of a railway corridor, is designed, constructed and maintained to achieve road and rail vibration levels not exceeding 0.3 mm/s $v_{w,95}$.

Design report [may be replaced with a construction schedule]

5. A report is submitted to the council demonstrating compliance with clauses (1) to (4) above (as relevant) prior to the construction or alteration of any building containing an activity sensitive to noise. In the design:
- a. railway noise is assumed to be 70 $L_{Aeq(1h)}$ at a distance of 12 metres from the track, and must be deemed to reduce at a rate of 3 dB per doubling of distance up to 40 metres and 6 dB per doubling of distance beyond 40 metres; and
 - b. road noise is based on measured or predicted noise levels plus 3 dB.

Where this activity complies with the following rule requirements:

Nil

IE-R37

Gas transmission sensitive activities within 60 metres of a gas transmission pipeline

rural, industrial, open space and recreation, and special purpose zones
Activity status: Permitted
Where:

1. Any building or structure for a gas transmission sensitive activity is located more than 20 metres from the gas transmission pipeline.
2. Vehicular, physical and legal access to the gas transmission pipeline is maintained.
3. The gas transmission sensitive activity does not include the use or storage of hazardous substances with explosive or flammable intrinsic properties (except when in domestic scale quantities).

Where this activity complies with the following rule requirements:

Nil

Activity status when compliance not achieved: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the proposed activities are likely to compromise the stability or integrity of the gas transmission pipeline and the operation, maintenance and upgrading of the pipeline.
2. The risk of hazards affecting public or individual safety, and the risk of property damage.
3. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline.
4. Technical advice, including an assessment of the level of risk.
5. The outcome of any consultation with the owner and operator of the gas transmission pipeline.
6. Whether the gas transmission sensitive activity could be located a greater distance from the gas transmission pipeline.

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

residential zones

Activity status: Permitted

Where:

Activity status when compliance not achieved: Restricted discretionary

1. The gas transmission sensitive activity does not include the use or storage of hazardous substances with explosive or flammable intrinsic properties (except when in domestic scale quantities).
- Matters of discretion are restricted to:**
1. The risk of hazards affecting public or individual safety, and the risk of property damage.
 2. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline.
 3. Technical advice, including an assessment of the level of risk.
 4. The outcome of any consultation with the owner and operator of the gas transmission pipeline.
 5. Whether the gas transmission sensitive activity could be located a greater distance from the gas transmission pipeline.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R38	Land disturbance within 20 metres of a gas transmission pipeline	
all zones	<p>Activity status: Permitted activity</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The stability or integrity of the gas transmission pipeline is not compromised. 2. The land disturbance does not include: <ol style="list-style-type: none"> a. a change the ground contour or ground level; or b. the planting of trees within 10 metres of the gas transmission pipeline; 	<p>Activity status when compliance not achieved: Restricted discretionary</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The risk of hazards affecting public or individual

- | | |
|--|---|
| <ul style="list-style-type: none"> c. loading of the soil; or d. the use of heavy vehicles or machinery. | <p>safety, and the risk of property damage.</p> |
| <ul style="list-style-type: none"> 3. For any works within a gas pipeline easement area, a Pipeline Easement Permit has been obtained. | <ul style="list-style-type: none"> 2. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline. |
| <ul style="list-style-type: none"> 4. For any works outside of a gas pipeline easement area, at least 5 working days prior to the commencement of the land disturbance, written advice of the work is provided to the gas transmission pipeline owner and operator. | <ul style="list-style-type: none"> 3. Technical advice, including an assessment of the level of risk. |
| <ul style="list-style-type: none"> 5. Clauses (1) to (4) above do not apply to land disturbance undertaken as part of normal agricultural, horticultural or domestic cultivation. | <ul style="list-style-type: none"> 4. The outcome of any consultation with the owner and operator of the gas transmission pipeline. |

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with

section 95B of
the Resource
Management Act
1991.

IE-R39

The use of explosives within 60 metres of a gas transmission pipeline

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The risk of hazards affecting public or individual safety, and the risk of property damage.
2. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline.
3. Technical advice, including an assessment of the level of risk.
4. The outcome of any consultation with the owner and operator of the gas transmission pipeline.
5. Whether the use of explosives could be located a greater distance from the gas transmission pipeline.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R40

Subdivision of a site containing a gas transmission pipeline

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the subdivision allows for the on-going efficient operation, maintenance and upgrading of the gas transmission pipeline, including the ability for continued reasonable access for inspections, maintenance and upgrading.
2. The location of any future building platform as it relates to the gas transmission pipeline.
3. The extent to which the subdivision design allows for activities to be setback from the gas transmission pipeline.
4. The nature and location of any vegetation to be planted in the vicinity of the gas transmission pipeline.
5. The outcome of any consultation with the owner and operator of the gas transmission pipeline.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

Infrastructure and Energy Rules (Network Utilities)

Table 1: Rule overview table

Use/activity	Rule number
Operation, maintenance, repair and removal of existing above and underground network utilities and ancillary vehicle access tracks	IE-R1
New underground network utilities (including customer connections) and upgrading of existing underground network utilities	IE-R2
Upgrading of existing above ground network utilities (excluding access track extensions)	IE-R3
New signs	IE-R4
New and extended vehicle access tracks	IE-R5
Temporary network utilities	IE-R6
Electricity generators and self-contained power units for the supply of a network utility	IE-R7
New above ground customer connections	IE-R8
New substations (including switching stations), gas regulation, valve and/or takeoff stations and energy storage batteries (not enclosed by a building or structure)	IE-R9
New network utilities in existing buildings	IE-R10
New navigational aids, sensing and environmental monitoring equipment (including air quality and meteorological)	IE-R11
New overhead lines and associated poles, telecommunication poles or towers	IE-R12
New telecommunications kiosk	IE-R13
New small cell unit	IE-R14
New telecommunications poles and new antennas attached to poles (that are not regulated by the NESTF)	IE-R15
New telecommunications poles and new antennas in road reserve (regulated by Regulations 26 or 28 of the NESTF that do not meet the permitted activity standards in Regulations 27 or 29 of the NESTF)	IE-R16
New telecommunications poles and new antennas not in road reserve (regulated by Regulations 30, 32 or 34 of the NESTF that do not meet the permitted activity standards in Regulations 31, 33 or 35 of the NESTF)	IE-R17
New antennas attached to a building (that are not regulated by the NESTF)	IE-R18
New antennas attached to a building (regulated by Regulation 36 of the NESTF that do not meet the permitted standards in Regulation 37)	IE-R19

New telecommunications cabinets (regulated by Regulation 19 of the NESTF that do not meet the permitted standards in Regulations 20, 21 and 22)	IE-R20
Subdivision	IE-R21
Trimming and removal of trees and vegetation	IE-R22
New pedestrian and cycle facilities outside of a land transport corridor	IE-R23
New stock underpasses outside of a land transport corridor	IE-R24
New land transport infrastructure that is not provided for by Rule IE-R23 (new pedestrian and cycle facilities outside of a land transport corridor) or Rule IE-R24 (new stock underpasses outside of a land transport corridor)	IE-R25
New electric vehicle charging facilities	IE-R26
New above ground structures for the conveyance, treatment, storage or retention/detention of water, wastewater or stormwater that is not provided for by Rule IE-R28 (New above ground pipes and outfall structures) and Rule IE-R30 (New minor utility structures, including cabinets)	IE-R27
New above ground pipes and outfall structures	IE-R28
New ancillary utility equipment	IE-R29
New minor utility structures, including cabinets (that are not regulated by the NESTF)	IE-R30
New network utilities (including network utility buildings and enclosed substations) not provided for by another Rule	IE-R31

Table 2: Rule table

IE-R1	Operation, maintenance, repair and removal of existing above and underground network utilities and ancillary vehicle access tracks	
all zones	Activity status: Permitted	Activity status when compliance not achieved:
	<p>Where this activity complies with the following rule requirements:</p> <ol style="list-style-type: none"> IE-REQ1 Land disturbance. IE-REQ5 Radio frequency fields. IE-REQ6 Electric and magnetic fields. 	<ol style="list-style-type: none"> Non-complying where compliance with IE-REQ5 Radio frequency field is not achieved. Non-complying where compliance with IE-REQ6 Electric and magnetic fields is not achieved. Discretionary where compliance with IE-REQ1 Land

[disturbance](#) is not achieved.

IE-R2

New underground network utilities (including customer connections) and upgrading of existing underground network utilities

all zones

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A new gas pipeline does not exceed a gauge pressure of 2,000 kilopascals.
2. In the root protection area of a tree that is identified by, and managed by, a rule in a District Plan, the network utility:
 - a. is at least 1 metre below ground level;
 - b. is installed by hand-digging or trenchless means (such as, air spade, hydro vac or directional drilling methods); and
 - c. has an entry point that either:
 - i. is located outside of the root protection area; or
 - ii. has an area of less than 1m².

1. Non-complying where compliance with [IE-REQ5 Radio frequency field](#) is not achieved.
2. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
3. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
4. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
5. Restricted discretionary in all other circumstances.

Matters of discretion are restricted to:

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ4 National Grid](#).
3. [IE-REQ5 Radio frequency fields](#).
4. [IE-REQ6 Electric and magnetic fields](#).

1. For a network utility within the root protection area of a tree:
 - a. methods proposed to reduce any adverse effects on the tree;
 - b. the extent of the root

protection
area that is
affected.

2. For a gas pipeline that has a gauge pressure greater than 2,000 kilopascals:
 - a. the functional and operational needs of, and benefits derived from, the gas pipeline;
 - b. the risks of hazards affecting public or individual safety, and the risk of property damage;
 - c. measures to avoid or mitigate adverse effects, including separation from any activity sensitive to gas transmission;
 - d. technical advice, including an assessment of the level of risk;
 - e. when located within a land transport corridor, the impacts on the operation, maintenance and upgrade of existing network

utilities in that corridor.

IE-R3 Upgrading of existing above ground network utilities (excluding access track extensions)

all zones **Activity status:** Permitted

Activity status when compliance not achieved:

Where:

1. The realignment, relocation or replacement of a telecommunication line, pipe (excluding a gas transmission pipeline), pole, tower, conductor, cross arm, switch, transformer or ancillary structure is within 5m of the existing alignment or location.
2. The realignment, relocation or replacement of a gas transmission pipeline is within:
 - a. an existing easement in favour of the pipeline; and
 - b. is within 12 metres of the existing alignment or location.
3. A pole is not replaced with a tower.
4. A replacement pole, tower or telecommunication pole does not exceed a height (network utility) whichever is the lesser of the following:
 - a. 25 metres; or
 - b. the height (network utility) of the replaced pole or tower or telecommunication pole by more than 30 percent.
5. The diameter or width of a replacement pole or telecommunication pole:
 - a. does not exceed twice that of the replaced pole at its widest point; or
 - b. where a single pole is replaced with a pi pole, the width of the pi pole structure must not exceed three times the width of the replaced pole at its widest point.

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Non-complying where compliance with [IE-REQ5 Radio frequency field](#) is not achieved.
3. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
4. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
5. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
6. Controlled where compliance with Clause 15 is not achieved and where:
 - a. a replacement panel antenna does not exceed a face area of 1.2m²;
 - b. a replacement dish antenna does not increase in diameter by more than 50%.
7. Restricted discretionary in all other circumstances.

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| <p>6. A replacement tower's footprint does not exceed the width of the tower by more than 25 percent.</p> <p>7. A replacement pole or tower or telecommunication pole complies with height restrictions for any view shaft that is identified by, and managed by, a rule in a District Plan or does not increase the existing degree of non-compliance.</p> <p>8. The diameter of a replacement conductor or line does not exceed the diameter of the replaced conductor or line or 50mm, whichever is the greater.</p> <p>9. Additional conductors or lines:</p> <p style="padding-left: 40px;">a. do not increase the number of conductors or lines by more than 100 percent; and</p> <p style="padding-left: 40px;">b. have a diameter not exceeding 50mm.</p> <p>10. There are no additional towers.</p> <p>11. An additional pole, up to a maximum of two additional poles, is necessary to achieve the conductor clearances required by NZECP 34:2001.</p> <p>12. Additional cross arms do not exceed the length of the existing cross arm by more than 100%, up to a maximum of 4 metres.</p> <p>13. The diameter of replacement pipes does not exceed the diameter of the replaced pipe by more than 300mm.</p> <p>14. The realignment, relocation or replacement of any other network utility structure or building:</p> <p style="padding-left: 40px;">a. must be within 5m of the alignment or location of the original structure or building;</p> <p style="padding-left: 40px;">b. must not increase the footprint of structure or building by greater than 30 percent.</p> <p>15. In all zones including a protected area:</p> | <p>Matters over which control is reserved:</p> <p>1. The potential adverse visual effects of the antenna, including impacts on the values and attributes (including amenity values) of the locality and any contribution to cumulative adverse effects.</p> <p>Matters of discretion are restricted to:</p> <p>1. The functional and operational needs of, and benefits derived from, the network utility.</p> <p>2. The purposes and necessity of the upgrading.</p> <p>3. The potential adverse visual effects of the upgrading, including impacts on the amenity values of the locality, and any contribution to cumulative adverse effects.</p> <p>4. The potential adverse effects on the values and attributions of a protected area or historic heritage site.</p> <p>5. Any measures to avoid, remedy or mitigate adverse effects.</p> |
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- a. a replacement panel antenna does not increase the face area by more than 20 percent;
 - b. a replacement dish antenna does not increase in diameter by more than 20 percent.
16. In a historic heritage site that is identified by, and managed by, a rule in a District Plan:
- a. a replacement antenna colour is the same or similar colour to a scheduled historic heritage building or structure.
 - b. a replacement panel antenna does not increase the face area by more than 20 percent;
 - c. a replacement dish antenna does not increase in diameter by more than 20 percent.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ4 National Grid.](#)
3. [IE-REQ5 Radio frequency fields.](#)
4. [IE-REQ6 Electric and magnetic fields.](#)
5. [IE-REQ7 Aircraft protection.](#)

IE-R4	New signs	
all zones	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The sign is an official sign. 2. The sign is not an official sign and: <ul style="list-style-type: none"> a. does not exceed an area of 1m²; b. is not attached to a tree, heritage building or structure that is 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 2. Restricted discretionary in all other cases.

identified by, and managed by, a rule in a District Plan.

3. The sign is a temporary sign associated with the construction, maintenance or upgrading of a network utility that is not an official sign and is:
 - a. installed no greater than 3 months prior to work commencing;
 - b. removed within 1 month of completion of the works;
 - c. no greater than 3m² in area.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the sign (including any illumination of the sign).
3. The potential impacts on the safe and efficient operation and function of other network utilities.
4. The potential adverse effects of the sign (including any illumination of the sign) on the amenity values of the locality, and any measures to avoid or mitigate those effects.
5. The potential for the sign (including any illumination of the sign) to contribute to cumulative adverse effects on amenity values.
6. The potential adverse effects of any illumination of the sign on the values of a protected area, or a nationally significant dark sky area.

Where this activity complies with the following rule requirements:

1. [IE-REQ7 Aircraft protection.](#)
2. [IE-REQ8 Outdoor lighting.](#)

IE-R5	New and extended vehicle access tracks
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all zones	Activity status: Permitted	Activity status when compliance not achieved: Discretionary
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Where:

1. The new or extended vehicle access track is located outside of the following areas:

- a. a protected area;
 - b. a historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a District Plan.
2. The new or extended vehicle access track is in a visual amenity landscape (that is not for the protection of a viewshaft) has a maximum width of 3 metres excluding passing bays.

Where this activity complies with the following rule requirements:

Nil

IE-R6	Temporary network utilities	
all zones	<p>Activity status: P</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The temporary network utility operates for a maximum of 12 months. 2. The temporary network utility is removed from the site when operation ceases. 3. The temporary network utility is setback at least 2 metres from a residential site boundary. <p>Where this activity complies with the following rule requirements:</p> <ol style="list-style-type: none"> 1. IE-REQ1 Land disturbance. 2. IE-REQ2 Noise. 3. IE-REQ5 Radio frequency fields. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ5 Radio frequency fields is not achieved. 2. Non-complying where compliance with IE-REQ6 Electric and magnetic fields is not achieved. 3. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 4. Restricted discretionary where compliance with IE-REQ2 Noise is not achieved.

4. [IE-REQ6 Electric and magnetic fields.](#)
 5. [IE-REQ7 Aircraft protection.](#)
 6. [IE-REQ8 Outdoor lighting.](#)
5. Restricted discretionary where compliance with [IE-REQ8 Outdoor lighting](#) is not achieved.
 6. Discretionary in all other cases.

Matters of discretion are restricted to:

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purpose and necessity of the temporary network utility.
3. The potential adverse effects any noise generated by the temporary network utility having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
4. The potential adverse effects of any outdoor lighting, particularly on the amenity values of the locality.
5. Any measures to avoid, remedy or

mitigate adverse effects.

6. The potential to contribute to cumulative adverse effects on amenity values.
7. The potential adverse effects of any outdoor lighting on the values and attributes of a protected area, or a nationally significant dark sky area.

IE-R7 Electricity generators and self-contained power units for the supply of a network utility

all zones Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A electricity generator is back-up or emergency electricity supply purposes (and not the primary electricity supply) for a network utility.
2. A temporary electricity generator:
 - a. is transportable;
 - b. operates for a maximum of 12 months; and
 - c. is removed from the site when it ceases to be used.
3. A permanent back-up or emergency electricity generator or a self-contained power unit is not located in a:

1. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
2. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
3. Restricted discretionary in all other cases.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the generator or power unit.
3. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
4. The potential adverse visual effects (including the effects of any outdoor lighting), particularly on the amenity values of the locality.
5. Any measures to avoid, remedy or mitigate adverse effects.

- a. protected area;
 - b. historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - c. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a District Plan;
 - d. visual amenity landscape.
4. A permanent back-up generator or a self-contained power unit is setback at least 2 metres from a residential site boundary.
6. The potential to contribute to cumulative adverse effects on amenity values.
7. The potential adverse effects of on the values and attributes of:
- a. a protected area;
 - b. a historic heritage site;
 - c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape;
 - e. a nationally significant dark sky area.

Where this activity complies with the following rule requirements:

- 1. [IE-REQ1 Land disturbance.](#)
- 2. [IE-REQ2 Noise.](#)
- 3. [IE-REQ7 Aircraft protection.](#)
- 4. [IE-REQ8 Outdoor lighting.](#)

IE-R8 New above ground customer connections

residential and commercial zones

Activity status: Permitted

Where:

Activity status when compliance not achieved:

- 1. Non-complying where compliance with [IE-REQ6 Electric](#)

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| <ol style="list-style-type: none"> 1. The connection does not include a new tower. 2. The connection does not exceed three additional poles. 3. The diameter of conductors, lines or cables does not exceed 30mm. 4. The connection is not to the primary feature of a heritage building or structure that is identified by, and managed by, a rule in a District Plan. | <p>and magnetic fields is not achieved.</p> <ol style="list-style-type: none"> 2. Controlled where compliance with Clause (4), relating to a heritage building or structure, is not achieved. 3. Discretionary in all other circumstances. |
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Matters over which control is reserved:

1. Effects on the values and characteristics of the heritage building or structure.
2. The extent to which any adverse effects on the values and characteristics of the heritage building or structure have been avoided or mitigated by the design, location and installation methods.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ6 Electric and magnetic fields](#).

all other zones Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. Outside of a land transport corridor, the connection does not exceed three additional poles up to a maximum of 25 metres in height (network utility) when located in a:
 - a. protected area;
 - b. historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - c. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a District Plan

1. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
2. Controlled where compliance with Clause (3), relating to a heritage building or structure, is not achieved.
3. Discretionary in all other circumstances.

Matters over which control is reserved:

1. Effects on the values and characteristics of the heritage building or structure.
2. The extent to which any adverse effects on the values and characteristics of the heritage building or structure have

- d. visual amenity landscape.
- 2. The diameter of conductors, lines or cables does not exceed 30mm.
- 3. The connection is not to the primary feature of a heritage building or structure that is identified by, and managed by, a rule in a District Plan.

e been avoided or mitigated by the design, location and installation methods.

Where this activity complies with the following rule requirements:

- 1. [IE-REQ1 Land disturbance.](#)
- 2. [IE-REQ6 Electric and magnetic fields.](#)

IE-R9	New substations (including switching stations), gas regulation, valve and/or takeoff stations and energy storage batteries (not enclosed by a building or structure)
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all zones outside of:	Activity status: Permitted	Activity status when compliance not achieved:
<p>a. a protected area;</p> <p>b. a historic heritage site that is identified by, and managed by, a rule in a plan.</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.</p> <p>d. a visual amenity landscape.</p>	<p>Where:</p> <ul style="list-style-type: none"> 1. The substation, gas regulation, valve and/or takeoff station or storage batteries do not exceed the permitted zone height limit established by a rule in a plan or the following, whichever is the greater: <ul style="list-style-type: none"> a. 10 metres in rural or industrial zones; b. 2.5 metres in all other zones. 2. The substation, gas regulation, valve and/or takeoff station or storage batteries do not exceed an area of: 	<ul style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ6 Electric and magnetic fields is not achieved. 2. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 3. Restricted discretionary where compliance with IE-REQ2 Noise is not achieved. 4. Restricted discretionary where compliance with IE-

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| <ul style="list-style-type: none"> a. 20m² in residential zones; b. 30m² in all other zones. | <ul style="list-style-type: none"> 5. Restricted discretionary where compliance with IE-REQ8 Outdoor lighting is not achieved. |
| <ul style="list-style-type: none"> 3. The substation, gas regulation, valve and/or takeoff station or storage batteries are setback at least 2 metres from a residential site boundary. | <ul style="list-style-type: none"> 6. Discretionary in all other circumstances. |

Matters of discretion are

**Where this activity complies with the restricted to:
following rule requirements:**

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| <ul style="list-style-type: none"> 1. IE-REQ1 Land disturbance. 2. IE-REQ2 Noise. 3. IE-REQ3 Parking and access. 4. IE-REQ6 Electric and magnetic fields. 5. IE-REQ7 Aircraft protection. 6. IE-REQ8 Outdoor lighting. | <ul style="list-style-type: none"> 1. The functional and operational needs of, and the benefits derived from, the network utility. 2. The purpose and necessity of the substation. 3. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment. 4. The potential effects on any outdoor lighting, particularly on the amenity values associated with the locality. 5. Impacts on the safe and efficient operation |
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of the local roading network.

6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

all zones in:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan.

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.

d. a visual amenity landscape.

Activity status: Discretionary

Where:

1. The substation, gas regulation, valve and/or takeoff station, or storage batteries are not in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

1. [IE-REQ6 Electric and magnetic fields](#).
2. [IE-REQ7 Aircraft protection](#).

Activity status when compliance not achieved:

1. Non-complying in all circumstances.

IE-R10

New network utilities in existing buildings

all zones

Activity status: Permitted

Where:

1. The new network utility does not modify the interior of a heritage building where the interior of the heritage building is specifically identified by, and managed by, a rule in a plan.

Activity status when compliance not achieved:

1. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
2. Restricted discretionary for all other matters

Where this activity complies with the Matters of discretion are following rule requirements:

1. [IE-REQ2 Noise](#).
2. [IE-REQ6 Electric and magnetic fields](#).

restricted to:

1. The functional and operational needs, and the benefits derived from, the network utility.
2. The purpose and necessity for the network utility.
3. Effects on the values and characteristics of the heritage building.
4. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
5. Any measures to avoid, remedy or mitigate adverse effects.

IE-R11

New navigational aids, sensing and environmental monitoring equipment (including air quality and meteorological)

all zones outside of:

Activity status: Permitted

a. a protected area;

b. an historic heritage site that is identified by, and managed by a rule in a plan.

Where this activity complies with the following rule requirements:

1. Nil

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

all zones in:

Activity status: Permitted

Activity status when compliance not achieved: Discretionary

a. a protected area;

b. an historic heritage site that is identified by, and managed by a rule in a plan.

Where:

1. The equipment does not exceed an:

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

a. area of 6m²; or

b. height (network utility) of 1.8 metres.

d. a visual amenity landscape.

Where this activity complies with the following rule requirements:

1. Nil

IE-R12

New overhead lines and associated poles, telecommunication poles or towers

rural and industrial zones

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. Except when in a land transport corridor, a new overhead line is not located in a:
 - a. protected area;
 - b. historic heritage site that is identified by, and managed by, a rule in a plan;
 - c. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
 - d. visual amenity landscape.
2. Poles or telecommunication poles do not exceed a height (network utility) of 25 metres.

1. Non-complying where compliance with [IE-REQ6 Electric and magnetic fields](#) is not achieved.
2. Non-complying where [IE-REQ7 Aircraft protection](#) is not achieved.
3. Non-complying when located outside of a land transport corridor and in a protected area in the coastal environment.

3. Towers do not exceed a height (network utility) of 15 metres.
4. Discretionary in all other circumstances.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ6 Electric and magnetic fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

all other zones

Activity status: Discretionary

Activity status when compliance not achieved: Non-complying in all circumstances

Where:

1. The new overhead line is not in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

1. [IE-REQ6 Electric and magnetic fields.](#)
2. [IE-REQ7 Aircraft protection.](#)

IE-R13

New telecommunications kiosk

all zones

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A telecommunication kiosk does not exceed:
 - a. a height of 3.5 metres;
 - b. an area of 1.5m².

1. Non-complying where compliance with [IE-REQ5 Radio frequency field](#) is not achieved.
2. Restricted discretionary in all other circumstances.
- 3.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields.](#)

Matters of discretion are restricted to:

1. The potential adverse visual effects, particularly on the amenity values and streetscape of the locality.

IE-R14	New small cell unit
all zones	Activity status: Permitted

Where this activity complies with the following rule requirements:

Nil

IE-R15	New telecommunications poles and new antennas attached to poles (that are not regulated by the NESTF)	
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all zones in the land transport corridor	Activity status: Permitted	Activity status when compliance not achieved:
	<p>Where:</p> <ol style="list-style-type: none"> 1. The telecommunications pole and antennas are not located in Queenstown Lakes District. 2. The combined height (network utility) of a telecommunications pole and antenna does not exceed the permitted zone height limit established by a rule in a plan or the following, whichever is the greater: <ol style="list-style-type: none"> a. 15 metres in a residential zone or local commercial zone that adjoins a residential zone and is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree 	<ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ5 Radio frequency fields is not achieved. 2. Non-complying where compliance with IE-REQ7 Aircraft protection is not achieved. 3. Discretionary where compliance with IE-REQ1 Land disturbance is not achieved. 4. Restricted discretionary in all other circumstances.

recession plane measured from a point 2.5 metres above ground level.

5.

- b. 20 metres in a neighbourhood commercial zone, is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree recession plane measured from a point 2.5 metres above ground level.
- c. 35 metres when located in the Canterbury Plains geographic area, or 40 metres where two or more users of the same pole;
- d. 25 metres in all other locations, or 30 metres where two or more users of the same pole.

3. A panel antenna:

- a. does not exceed a width of 0.7 metres; and
- b. when in a formed legal road, fits within an envelope of 3.5 metres in length and 0.7 metres in diameter.

4. A dish antenna (that is not in the rail corridor) does not exceed a diameter of:

- a. 0.38 metres when in a:
 - i. protected area;
 - ii. historic heritage site that is identified by, and managed by, a rule in a plan;

Matters of discretion are restricted to:

- 1. The functional and operational needs of, an benefits derived from, the network utility.
- 2. The potential adverse visual effects, particularly on the amenity values of the locality and streetscape.
- 3. The potential adverse effects on the values and attributes of:
 - a. a protected area;
 - b. an historic heritage site;
 - c. a site of cultural value;
 - d. a visual amenity landscape.
- 4. The potential impacts on the operation, maintenance and upgrade of other network utilities.
- 5. Any measures to avoid, remedy or mitigate adverse effects.

- iii. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
 - iv. visual amenity landscape; or
 - b. 1.2 metres in rural or industrial zones or commercial excluding neighbourhood and local commercial zones outside the areas listed in 4(a).
 - c. 0.9 metres in neighbourhood and local commercial zones locations outside the areas listed in 4(a).
- 5. A dish antenna in a railway corridor does not exceed a diameter of:
 - a. 0.6 metres when in a:
 - i. protected area;
 - ii. historic heritage site that is identified by, and managed by, a rule in a District Plan;
 - iii. site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
 - iv. visual amenity landscape; or
 - b. 1.2 metres outside the areas listed in 5(a).
- 6. Omni directional 'whip' or dipole antennas do not exceed:
 - 6. The potential to contribution to cumulative effects on amenity values.

- a. 1.6 metres in vertical length;
 - b. 60mm in diameter; and
 - c. 1.5 metres in horizontal length.
7. A headframe does not exceed the following:
- a. 2.5 metres in diameter in residential zones (except when located on formed legal road as provided for by 3(b) above);
 - b. 6 metres in diameter in all other zones and unformed legal road.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ5 Radio frequency fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

all zones, outside of the transport corridor and outside of:

- a. a protected area;
- b. an historic heritage site that is identified by, and managed by a rule in a plan;
- c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;
- d. a visual amenity landscape.

Activity status: Permitted

Where:

1. The combined height (network utility) of a telecommunications pole and antenna does not exceed the permitted zone height limit established by a rule in a plan or the following, whichever is the greater:
 - a. 15 metres in a residential zone or local commercial zone that adjoins a residential zone and is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree recession plane measured

Activity status when compliance not achieved:

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.

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| <p>from a point 2.5 metres above ground level</p> | <p>4. Restricted discretionary in all other circumstances.</p> |
| <p>b. 20 metres in a neighbourhood commercial zone, is setback from a residential zone boundary (but not a road boundary) determined by a 45 degree recession plane measured from a point 2.5 metres above ground level;</p> | <p>5.</p> |
| <p>c. 35 metres when located in the Canterbury Plains geographic area, or 40 metres where two or more users of the same pole;</p> | <p>Matters of discretion are restricted to:</p> <p>1. The functional and operational needs of, an benefits derive from, the network utility.</p> |
| <p>d. 25 metres in all other locations, or 30 metres where two or more users of the same pole.</p> | <p>2. The potential adverse visual effects, potentially on the amenity values of the locality.</p> |
| <p>2. A panel antenna does not exceed a width of 0.7 metres.</p> | <p>3. Any measures to avoid, remedy or mitigate adverse effects.</p> |
| <p>3. A dish antenna does not exceed a diameter of 1.2 metres.</p> | <p>4. The potential contribution to cumulative effects on amenity values.</p> |
| <p>4. Omni directional 'whip' or dipole antennas do not exceed</p> <p>a. 1.6 metres in vertical length;</p> <p>b. 60mm in diameter; and</p> <p>c. 1.5 metres in horizontal length.</p> | |
| <p>5. A headframe does not exceed the following:</p> <p>a. 2.5 metres in diameter in residential zones</p> <p>b. 6 metres in diameter in all other zones.</p> | |

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ5 Radio frequency fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

all zones, outside of the transport corridor and inside:

a. a protected area;

b. an historic heritage site that is identified by, and managed by a rule in a plan;

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

Activity status: Permitted

Where:

1. Located in an outstanding natural landscape indentified in the Queenstown Lakes District Plan and:
 - a. the combined height (network utility) of a telecommunications pole and antenna does not exceed 8 metres;
 - b. the telecommunications pole and antenna is finished in colours with a light reflectance value of less than 16%.

Activity status when compliance not achieved:

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Non-complying when located in a protected area in the coastal environment.
4. Discretionary in all other circumstances.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ5 Radio frequency fields.](#)
3. [IE-REQ7 Aircraft protection.](#)

IE-R16

New telecommunications poles and new antennas in road reserve (regulated by Regulations 26 or 28 of the NESTF that do not meet the permitted activity standards in Regulations 27 or 29 of the NESTF)

all zones

Activity status: Controlled

Activity status when compliance not achieved:

Where:

1. The permitted activity combined height (network utility) of a telecommunications

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.

- pole and antenna is exceeded by a maximum of 1 metre.
2. The telecommunications pole permitted activity notional envelope is exceeded by a maximum of 1 metre in height up to 4.5 metres.
 3. A panel antenna does not exceed a width of 0.8 metres.
 4. A dish antenna does not exceed a diameter of:
 - a. 0.6 metres in a residential zone;
 - b. 0.9 metres in all other zones.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
 3. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
 4. Restricted discretionary in all other circumstances.
 - 5.

Matters of discretion are restricted to:

Matters over which control is reserved:

1. The potential adverse visual effects, particularly on the amenity values of the locality and streetscape.
2. The potential impacts on the operation, maintenance and upgrade of other network utilities.

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential adverse visual effects, particularly on the amenity values of the locality and streetscape.
3. Any measures to avoid, remedy or mitigate adverse effects.
4. The potential impacts on the operation, maintenance and upgrade of other network utilities.
5. The potential to contribute to cumulative effects on amenity values.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ5 Radio frequency fields](#).
3. [IE-REQ7 Aircraft protection](#).

Notification:

Application for resource consent under this rule will be decided without public notification.

IE-R17

New telecommunications poles and new antennas not in road reserve (regulated by Regulations 30, 32 or 34 of the NESTF that do not meet the permitted activity standards in Regulations 31, 33 or 35 of the NESTF)

all zones

Activity status: Controlled

Activity status when compliance not achieved:

Where:

1. A telecommunications pole is not located in:
 - a. a protected area;
 - b. an historic heritage site that is identified by, and managed by, a rule in a plan;
 - c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan
 - d. a visual amenity landscape.
2. In a rural or industrial zone (not immediately adjoining a residential zone), the permitted activity combined height (network utility) of a telecommunications pole and antenna does not exceed 30 metres, or 35 metres where two or more operators utilise the same pole.
3. A panel antenna does not exceed a width of 0.8 metres (excluding than in a residential zone).
4. A dish antenna does not exceed a diameter of:
 - a. 0.6 metres in a residential zone;
 - b. 2.0 metres in all other zones.

Matters over which control is reserved:

1. The potential adverse visual effects, particularly on the visual amenity of the locality.

Where this activity complies with the following rule requirements:

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Discretionary where compliance with [IE-REQ1 Land disturbance](#) is not achieved.
4. Restricted discretionary in all other circumstances.
- 5.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential adverse visual effects, particularly on the visual amenity of the locality.
3. The potential adverse effects on the values and attributes of:

1. [IE-REQ1 Land disturbance.](#)
 2. [IE-REQ5 Radio frequency fields.](#)
 3. [IE-REQ7 Aircraft protection.](#)
- a. a protected area;
 - b. an historic heritage site;
 - c. a site of cultural value;
 - d. a visual amenity landscape.

Notification:

Application for resource consent under this rule will be decided without public notification.

4. Any measures to avoid, remedy or mitigate adverse effects.
5. The potential to contribute to cumulative effects on amenity values.

IE-R18 New antennas attached to a building (that are not regulated by the NESTF)

all zones	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The face area of a panel antenna does not exceed 1.5m². 2. A dish antenna: <ol style="list-style-type: none"> a. does not exceed a diameter of 1.2 metres; and b. is not attached to building that is a historic heritage site identified by, and managed by, a rule in a District Plan; 3. The antenna does not exceed a height of 5 metres above the point of attachment to the building. 4. Is not attached to a building in a residential zone, except where the antenna is attached at least 15 metres above ground level. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Non-complying where compliance with IE-REQ5 Radio frequency fields is not achieved. 2. Restricted discretionary in all other circumstances. 3. <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and benefits derived from, the network utility. 2. The potential adverse visual effects, particularly
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Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields](#).

on the visual amenity of the locality.

3. Effects on the characteristics and values of a building that is a historic heritage site.
4. Measures to avoid, remedy or mitigate adverse effects.
5. The potential to contribute to cumulative effects on amenity values.

IE-R19

New antennas attached to a building (regulated by Regulation 36 of the NESTF that do not meet the permitted standards in Regulation 37)

all zones outside:

Activity status: Controlled

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where:

1. A new panel antenna does not exceed a maximum face area of 2m².

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

Matters over which control is reserved:

d. a visual amenity landscape.

1. The potential adverse visual effects, particularly on the visual amenity of the locality.

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.

2. Restricted discretionary in all other circumstances.

3.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields](#).

Matters of discretion are restricted to:

Notification:

1. The functional and operational needs of, and benefits

Application for resource consent under this rule will be decided without public notification.

derived from, the network utility.

2. The potential adverse visual effects, particularly on the visual amenity of the locality.
3. Measures to avoid, remedy or mitigate adverse effects.
4. The potential to contribute to cumulative effects on amenity values.

all zones in:

Activity status: Restricted discretionary

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where:

Nil

Non-complying

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

Matters of discretion are restricted to:

d. a visual amenity landscape.

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential adverse visual effects, particularly on the visual amenity of the locality.
3. The potential adverse effects on the values and attributes of:
 - a. a protected area;
 - b. an historic heritage site or building;

- c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape.
4. measures to avoid, remedy or mitigate adverse effects.
 5. The potential to contribute to cumulative adverse effects.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields.](#)

Notification:

Application for resource consent under this rule will be decided without public notification.

IE-R20	New telecommunications cabinets (regulated by Regulation 19 of the NESTF that do not meet the permitted standards in Regulation 20, 21 and 22)
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<p>all zones outside of:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and protected by, a rule in a plan;</p> <p>d. a visual amenity landscape.</p>	<p>Activity status: Controlled</p> <p>Where:</p> <ol style="list-style-type: none"> 1. A single telecommunications cabinet does not have a footprint exceeding 2.5m² or a height (network utility) of 2 metres. 2. A group of telecommunications cabinets does not have a footprint exceeding 3m². <p>Matters over which control is reserved:</p> <ol style="list-style-type: none"> 1. The potential adverse visual effects, particularly on the visual amenity of the locality and streetscape. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Restricted discretionary in all other circumstances. 2. <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and the benefits derived from, the network utility. 2. The potential adverse visual
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2. The potential effects on the operation, maintenance and upgrade of other network utilities.

effects, particularly on the visual amenity of the locality and streetscape.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification.

3. The potential effects on the operation, maintenance and upgrade of other network utilities.
4. Measures to avoid, remedy or mitigate adverse effects.
5. The potential to contribute to cumulative effects on amenity values.

all zones in:

Activity status: Controlled

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

c. a site of cultural value to tangata whenua that is identified by, and protected by, a rule in a plan;

d. a visual amenity landscape.

Where:

1. Located in a land transport corridor and
 - a. A single telecommunications cabinet does not have a footprint exceeding 2.5m² or a height (network utility) of 2 metres; and
 - b. A group of telecommunications cabinets does not have a footprint exceeding 3m².

1. Non-complying where compliance with [IE-REQ5 Radio frequency fields](#) is not achieved.
2. Discretionary in all other circumstances.
- 3.

Matters over which control is reserved:

1. The potential adverse visual effect, particularly on the visual amenity of the locality and streetscape.
2. The potential effects on the operation, maintenance and upgrade of existing network utilities.
3. The potential adverse effects on the values and attributes of:
 - a. a protected area;
 - b. an historic heritage site;
 - c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape.

Where this activity complies with the following rule requirements:

1. [IE-REQ5 Radio frequency fields.](#)

Notification:

Application for resource consent under this rule will be decided without public notification.

IE-R21	Subdivision	
all zones	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The subdivision for the purpose of accommodating a network utility that is a permitted activity or allowed by a resource consent or designation. 2. All resulting sites have legal access to a road. 3. Any balance site complies with the permitted activity or controlled activity minimum allotment size that applies. 	<p>Activity status when compliance not achieved: Restricted discretionary</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The nature and timing of development of the site. 2. The ability for the

Where this activity complies with the following rule requirements:

Nil

balance site to be used.

3. The ability to gain safe and efficient access to the site.

IE-R22

Trimming and removal of trees and vegetation

all zones outside of a protected area

Activity status: Permitted

Activity status when compliance not achieved: Restricted discretionary

Where:

1. Trimming of a tree identified by, and managed by, a rule in a plan, trimming is limited to:
 - a. trimming branches that do not exceed a diameter of 50mm at the point of severance;
 - b. the removal of less than 10% of live growth of the tree in any one calendar year; or
 - c. trimming or removal that is required by statute or regulations, including Electricity (Hazards from Trees) Regulations 2003 and the Telecommunications Act 2001.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential impacts on the values of the tree.
3. The potential loss of amenity values provided by the tree.
4. Any measures to reduce or mitigate adverse effects.

Where this activity complies with the following rule requirements:

Nil

all zones in a protected area

Activity status: Permitted

Activity status when compliance not achieved: Restricted discretionary

Where:

1. The trimming or removal is required by statute or regulations, including the Electricity (Hazards from Trees)

Regulations 2003 and the Telecommunications Act 2001;

2. The tree or vegetation is damaging, or threatening to damage, a network utility; or
3. The trimming or removal is required to maintain an existing access track.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The potential impacts on the values and attributes of the protected area, and particularly the values associated with the tree/s or vegetation to be removed.
3. Any measures to reduce or mitigate adverse effects.

Where this activity complies with the following rule requirements:

Nil

IE-R23	New pedestrian and cycle facilities outside of a land transport corridor	
<p>all zones outside of a:</p> <p>a. a protected area</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan.</p> <p>c. a site of cultural value to tangata whenua that is identify by, and managed by, a rule in a plan.</p>	<p>Activity status: Permitted</p> <p>Where: Nil</p> <p>Where this activity complies with the following rule requirements:</p> <p>1. IE-REQ1 Land disturbance</p>	<p>Activity status when compliance not achieved: Discretionary</p>
<p>all zones in a:</p> <p>a. a protected area</p>	<p>Activity status: Discretionary</p> <p>Where:</p>	<p>Activity status when compliance</p>

<p>b. an historic heritage site that is identified by, and managed by, a rule in a plan.</p> <p>c. a site of cultural value to tangata whenua that is identify by, and managed by, a rule in a plan.</p>	<p>1. The new pedestrian or cycle facilities are not located in a protected area in the coastal environment.</p>	<p>not achieved:</p> <p>Non-complying</p>
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Where this activity complies with the following rule requirements:

Nil

IE-R24	New stock underpasses outside of a land transport corridor
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<p>all zones outside of:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.</p>	<p>Activity status: Permitted</p> <p>Where:</p> <p>Nil</p>	<p>Activity status when compliance not achieved:</p> <p>Discretionary</p>
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Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#)

<p>all zones in:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.</p>	<p>Activity status: Discretionary</p> <p>Where:</p> <ol style="list-style-type: none"> 1. A new stock underpass is not located in a protected area in a coastal environment. 	<p>Activity status when compliance not achieved:</p> <p>Non-complying</p>
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Where this activity complies with the following rule requirements:

Nil

IE-R25	New land transport infrastructure that is not provided for by Rule IR-R23 (new pedestrian and cycle facilities outside of a land transport corridor) or Rule IR-R24 (new stock underpasses outside of a land transport corridor)
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<p>all zones in a land</p>	<p>Activity status: Permitted</p>	<p>Activity status when compliance not achieved:</p>
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transport corridor

Where:

1. The new land transport infrastructure is not a new railway level crossing (road or pedestrian).
2. Road lighting and associated support structures do not exceed a height of 25 metres.
3. A building and any other structure does not exceed a height of 10 metres or the permitted zone height limit established by a rule in a plan, whichever is the greater.
4. A building does not exceed an area of 20m².
5. A building is setback at least 2 metres from a residential site boundary.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#).
2. [IE-REQ2 Noise](#).
3. [IE-REQ3 Parking and access](#).
4. [IE-REQ7 Aircraft protection](#).
5. [IE-REQ8 Outdoor lighting](#).

1. Non-complying where compliance with Clause (1) is not achieved.
2. Non-complying where compliance with [IE-REQ7 Aircraft protection](#) is not achieved.
3. Restricted discretionary where compliance with [IE-REQ2 Noise](#) is not achieved.
4. Restricted discretionary where compliance with [IE-REQ3 Parking and access](#) is not achieved.
5. Restricted discretionary where compliance with [IE-REQ8 Outdoor lighting](#) is not achieved.
6. Discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purposes and necessity of the network utility.
3. The potential adverse effects of any noise generated, having regard to the

level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.

4. The potential effects of any outdoor lighting, particularly on the amenity values associated with the locality.
5. Impacts on the safe and efficient operation of transport networks.
6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

all zones outside of a land transport corridor **Activity status:** Discretionary **Activity status when compliance not achieved:** Non-complying

Where:

1. The new land transport infrastructure is not a new railway level crossing (road or pedestrian).
2. The new land transport infrastructure is not located in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

Nil

IE-R26 **New electric vehicle charging facilities**

all zones in a land transport corridor **Activity status:** Permitted

Where this activity complies with the following rule requirements:

Nil

all zones outside of a land transport corridor **Activity status:** Permitted

Activity status when compliance not achieved:

Restricted discretionary

Where:

1. The electric vehicle charging device is installed in association with an existing, permitted or consented vehicle park, vehicle depot or garage structure.
2. A freestanding electric vehicle charging device does not exceed:
 - a. a height (network utility) of 2.1 metres;
 - b. an area of 3m².

Matters of discretion are restricted to:

1. Impacts on the safe and efficient operation of the transport network.

Where this activity complies with the following rule requirements:

Nil

IE-R27 **New above ground structures for the conveyance, treatment, storage or retention/detention of water, wastewater and stormwater that are not provided for by Rule IE-R28 (New above ground pipes and outfall structures) or Rule IE-R30 (New minor utility structure)**

all zones outside of: Activity status: Permitted

- a. a protected area;
- b. an historic heritage site that is identified by, and managed by, a rule in a plan;
- c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.

Where:

1. A building or structure does not exceed a height of 10 metres or the permitted zone height limit established by a rule in a plan, whichever is the greater.
2. A building or structure does not exceed an area of 20m².
3. A building or structure is setback at least 2 metres from a residential site boundary.
4. A building is setback at least 5 metres from a railway corridor boundary.

- d. a visual amenity landscape.

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance.](#)
2. [IE-REQ2 Noise.](#)
3. [IE-REQ3 Parking and access.](#)
4. [IE-REQ4 National Grid.](#)
5. [IE-REQ7 Aircraft protection.](#)
6. [IE-REQ8 Outdoor lighting.](#)

Activity status when compliance is not achieved:

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Non-complying where compliance with [IE-REQ Aircraft protection](#) is not achieved.
3. Restricted discretionary where compliance with [IE-REQ2 Noise](#) is not achieved.
4. Restricted discretionary where compliance with [IE-REQ3 Parking and access](#) is not achieved.
5. Restricted discretionary where compliance with [IE-REQ8 Outdoor lighting](#) is not achieved.
6. Discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the network utility.

3. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.
4. The potential effects of any outdoor lighting, particularly on the amenity values associated with the locality.
5. Impacts on the safe and efficient operation of the transport network.
6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

all zones in:

Activity status: Discretionary

a. a protected area;

Where:

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

1. A building or structure is not located in:

- a. a protected area in the coastal environment;
- b. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan.

c. a site of cultural value to tangata whenua that is

Activity status when compliance is not achieved:

Non-complying

identified by, and managed by, a rule in a plan. Where this activity complies with the following rule requirements:

d. a visual amenity landscape.

1. [IE-REQ4 National Grid](#).
2. [IE-REQ7 Aircraft protection](#).

IE-R28 New above ground pipes and outfall structures (including cables, conductors and lines not provided for by [Rule IE-R12](#) New overhead lines and associated poles, telecommunications poles or towers)

all zones outside of a protected area

Activity status: Permitted

Activity status when compliance not achieved:

Where:

1. A new gas pipeline does not exceed a gauge pressure of 2,000 kilopascals.
2. New pipes, cables, conductors, lines or structures do not exceed:
 - a. a diameter of 600mm;
 - b. a width of 1 metre, in the case of associated structures; and
 - c. a length of 100 metres.
3. When located above a waterbody new pipes, cables, conductors or lines are:
 - a. attached to an existing bridge structure and incorporated within an existing bridge structure or culvert; or
 - b. within an existing attached conduit or duct; and
 - c. not attached to a heritage structure that is identified by, and managed by, a rule in a plan.

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Discretionary when compliance with [IE-REQ1 Land disturbance](#) is not achieved.
3. Restricted discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purpose and necessity of the network utility.
3. The potential adverse visual effects, particularly on the visual amenity of the locality.
4. The potential adverse effects on the integrity and functionality of a

Where this activity complies with the following rule requirements:

1. [IE-REQ1 Land disturbance](#)
2. [IE-REQ4 National Grid](#).

bridge or
culvert structure.

5. Effects on the characteristics and values associated with a heritage structure.
6. The potential to contribute to cumulative adverse effects on visual amenity values.

and

1. For a gas pipeline that has a gauge pressure greater than 2,000 kilopascals:
 - a. the risks of hazard affecting public or individual safety, and the risk of property damage;
 - b. measures to avoid or mitigate adverse effects, including separation from any activity sensitive to gas transmission;
 - c. technical advice, including an assessment of the level of risk;
 - d. when located within a land transport corridor, the impacts on the operation, maintenance and upgrade of existing network

utilities in than
corridor.

**all zones in
a protected area**

Activity status: Permitted

**Activity status when compliance
not achieved:**

Where:

1. A new gas pipeline does not exceed a gauge pressure of 2,000 kilopascals.
2. New pipes, cables, conductors, lines or structures:
 - a. do not exceed a diameter of 150mm;
 - b. a width of 1 metre, in the case of associated structures; and
 - c. are in a cluster of no more than two pipes.
3. When located above a waterbody new pipes, cables, conductors or lines are:
 - a. attached to an existing bridge structure and incorporated within an existing bridge structure or culvert; or
 - b. within an existing attached conduit or duct; and
 - c. not attached to a heritage structure that is identified by, and managed by, a rule in a plan.

1. Non-complying where compliance with [IE-REQ4 National Grid](#) is not achieved.
2. Discretionary when compliance with [IE-REQ1 Land disturbance](#) is not achieved.
3. Restricted discretionary in all other circumstances.

**Matters of discretion are
restricted to:**

1. The functional and operational needs of, and the benefits derived from, the network utility.
2. The purpose and necessity of the network utility.
3. The potential adverse visual effects, particularly on the visual amenity of the locality.
4. The potential adverse effects on the integrity and functionality of a bridge or culvert structure.
5. Effects on the characteristics and values associated with a heritage structure.
6. The potential to contribute to cumulative

**Where this activity complies with the
following rule requirements:**

1. [IE-REQ1 Land disturbance](#)
2. [IE-REQ4 National Grid](#).

adverse effects on
visual amenity values.

and

1. For a gas pipeline that has a gauge pressure greater than 2,000 kilopascals:
 - a. the risks of hazard affecting public or individual safety, and the risk of property damage;
 - b. measures to avoid or mitigate adverse effects, including separation from any activity sensitive to gas transmission;
 - c. technical advice, including an assessment of the level of risk;
 - d. when located within a land transport corridor, the impacts on the operation, maintenance and upgrade of existing network utilities in than corridor.

IE-R29

New ancillary utility equipment

all zones

Activity status: Permitted

Where this activity complies with the following rule requirements:

Nil

IE-R30	New minor utility structures, including cabinets (that are not regulated by the NESTF)	
<p>all zones in a land transport corridor; and</p> <p>all zones outside of a land transport corridor not in:</p> <p>a. a protected area;</p> <p>b. an historic heritage site that is identified by, and managed by, a rule in a plan;</p> <p>c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;</p> <p>d. a visual amenity landscape.</p>	<p>Activity status: Permitted</p> <p>Where:</p> <ol style="list-style-type: none"> 1. A new minor utility structure does not exceed: <ol style="list-style-type: none"> a. a maximum floor area of 6m². b. a maximum height (network utility) of 1.8 metres. <p>Where this activity complies with the following rule requirements:</p> <ol style="list-style-type: none"> 1. IE-REQ1 Land disturbance. 2. IE-REQ2 Noise. 	<p>Activity status when compliance not achieved:</p> <ol style="list-style-type: none"> 1. Discretionary when compliance with IE-REQ1 Land disturbance is not achieved. 2. Restricted discretionary in all other circumstances. <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The functional and operational needs of, and benefits derived from, the minor utility structure. 2. The purpose and necessity of the minor utility structure. 3. The potential visual effects, particularly on the visual amenity of the locality and streetscape. 4. The potential effects on the operation, maintenance and upgrade of existing network utilities. 5. The potential adverse effects of any noise generated, having regard to the level, duration and characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment. 6. The potential adverse effects on the values and attributes of: <ol style="list-style-type: none"> a. a protected area; b. an historic heritage site;

- c. a site of cultural value to tangata whenua;
 - d. a visual amenity landscape.
7. Any measures to avoid, remedy or mitigate adverse effects.
 8. The potential to contribute to cumulative adverse effects.

all zones outside of a land transport corridor and in: **Activity status:** Discretionary

a. a protected area; **Where:**

Nil

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where this activity complies with the following rule requirements:

Nil

c. a site of cultural value to tangata whenau that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

IE-R31 New network utilities (including network utility buildings and enclosed substations) not provided for by another Rule

in all zones outside of: **Activity status:** Permitted

Activity status when compliance not achieved:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

Where:

1. A building does not exceed a height of 10 metres or the permitted zone height limit established by a rule in a plan, whichever is the greater.
2. A building does not exceed an area of 20m².

1. Non-complying when compliance with {IE-REQ4 National Grid} is not achieved.
2. Non-complying when compliance with {IE-REQ5 Rado frequency fields} is not achieved.
3. Non-complying when compliance with [IE-REQ6](#) Electric and

c. a site of cultural value to tangata whenua that is identified by, and managed by, a rule in a plan;

d. a visual amenity landscape.

3. A building is setback 2 metres from a residential boundary.
4. A building is setback 5 metres from a railway corridor boundary.

magnetic fields} is not achieved.

4. Non-complying when compliance with {IE-REQ7 Aircraft protection} is not achieved.

Where this activity complies with the following rule requirements:

1. {IE-REQ1 Land disturbance}.
2. {IE-REQ2 Noise}.
3. {IE-REQ3 Parking and access}.
4. {IE-REQ4 National Grid}.
5. {IE-REQ5 Radio frequency fields}.
6. {IE-REQ6 Electric and magnetic fields}.
7. {IE-REQ7 Aircraft protection}.
8. {IE-REQ8 Outdoor lighting}.

5. Restricted discretionary when compliance with {IE-REQ2 Noise} is not achieved.

6. Restricted discretionary when compliance with {IE-REQ3 Parking and access} is not achieved.

7. Restricted discretionary when compliance with {IE-REQ8 Outdoor lighting} is not achieved.

8. Discretionary in all other circumstances.

Matters of discretion are restricted to:

1. The functional and operational needs of, and benefits derived from, the network utility.
2. The purpose and necessity of the network utility.
3. The potential adverse effects of any noise generated, having regard to the level, duration and

characteristics of the noise and the nature and proximity of nearby activities, including the amenity values associated with the receiving environment.

4. The potential effects of outdoor lighting, particularly on the amenity values associated with the locality.
5. Impacts on the safe and efficient operation of the transport network.
6. Any measures to avoid, remedy or mitigate adverse effects.
7. The potential to contribute to cumulative effects on amenity values.

in all zones in:

a. a protected area;

b. an historic heritage site that is identified by, and managed by, a rule in a plan;

c. a site of cultural value to tangata whenua that is identified by, and

Activity status: Discretionary

Where:

1. A new network utility is not located in a protected area in the coastal environment.

Where this activity complies with the following rule requirements:

Activity status when compliance not achieved:

Non-complying

- managed by, a rule in a plan;
- d. a visual amenity landscape.
1. {IE-REQ4 National Grid}.
 2. {IE-REQ5 Radio frequency fields}.
 3. {IE-REQ6 Electric and magnetic fields}.
 4. {IE-REQ7 Aircraft protection}.

Table 3: Rule requirements table

IE-REQ1	Land disturbance
all zones	<p>Land disturbance must:</p> <ol style="list-style-type: none"> 1. be located outside of a protected area, unless: <ol style="list-style-type: none"> a. the land disturbance is for the maintenance, repair or removal of an existing network utility; and b. the area has been previously disturbed. 2. not exceed an area of 20m², a volume of 10m³ and a depth of 1m (unless within a land transport corridor or for a new customer connection) in: <ol style="list-style-type: none"> a. an historic heritage site that is identified and managed by a rule in the plan; b. a site of cultural value to Tangata Whenua that is identified and managed by a rule in the plan; 3. not exceed an area of 2500m² or volume of 2500m³; 4. not be for the reticulation and storage of water for irrigation purposes within 12m of the outer edge of a foundation of a National Grid support structure or centreline of a National Grid transmission line; 5. meet the requirements of The New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001); 6. in the event of discovery of an archaeological site, implement an accidental discovery protocol set by Heritage New Zealand.
IE-REQ2	Noise
all zones	<p>Any noise limits established by a rule in a plan for the relevant zone must be met except that:</p> <ol style="list-style-type: none"> 1. All new roads and all altered road that are within the scope of New Zealand Standard NZS 6806:2010

Acoustics – Road traffic noise – New and altered roads must comply with the requirements of New Zealand Standard NZS 6806:2010 Acoustics – Road traffic noise – New and altered roads.

2. Noise limits do not apply to emergency and back-up generator noise operated for a duration not exceeding 48 hours.
3. When operated for a duration exceeding 48 hours, emergency and back-up generator noise must not exceed a day time noise limit established by a rule in a plan for the relevant zone (at any time).
4. Substations and energy storage batteries must not exceed:
 - a. when measured at the boundary of a site in a residential zone or at the notional boundary of a site in a rural zone:
 - i. 55 dB L_{Aeq} between Monday to Saturday 7am to 10pm and Sundays between 9am and 6pm;
 - ii. 45 dB L_{Aeq} /75 dB L_{Amax} at all other times.
 - b. the permitted activity noise standards in all other circumstances.
5. Compressors associated with gas transmission pipelines must not exceed 75 dB L_{A10} when measured at the boundary of a site in a residential zone or at the notional boundary of a site in a rural zone.

IE-REQ3

Parking and access

all zones

Where a network utilities is permanently staffed:

1. a minimum of 1 car park per full time equivalent must be provided;
2. access to the network utilities and car park must be provided to a minimum formed width of 2.7 metres; and
3. any new vehicle crossing place must be a minimum of 10 metres from an intersection and any existing vehicle crossing.

IE-REQ4

National Grid

all zones The reticulation and storage of water for irrigation purposes must be located outside of the National Grid Yard.

IE-REQ5 Radio frequency fields

all zones If generating radiofrequency fields, an activity must not exceed the maximum exposure level of the general public in New Zealand Standards NZS 2772.1:1999 Radiofrequency fields – Maximum exposure levels – 3kHz to 300 GHz.

IE-REQ6 Electric and magnetic fields

all zones If generating electric and magnetic fields, the activity must not exceed with the International Commission on Non-ionising Radiation Protection Guidelines for limiting exposure to time varying electric and magnetic fields (1Hz – 100kHz) (Health physics, 2010, 99(6); 818-836) and recommendations from the World health Organisation monograph Environmental Health Criteria (No 238, June 2007).

IE-REQ7 Aircraft protection

all zones Buildings and structures must not:

1. penetrate protection surfaces that are identified, and protected by a rule, in a plan and are in accordance the Civil Aviation Authority of New Zealand Rule Part 139 Appendix E with surface dimensions as noted in Advisory Circular 139-6 (AC 139-6);
2. be located in a runway end protection area identified, and protected by a rule, in a plan.

IE-REQ8 Outdoor lighting

residential, open space and recreation zones Outdoor artificial lighting must not exceed 4 lux spill (horizontal or vertical added illuminance) when measured 2 metres within the boundary of an adjacent site and in accordance with AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting, except:

1. outdoor artificial lighting must not exceed 2.5 lux spill (horizontal or vertical added illuminance) in any part of at state highway;
2. this requirement does not apply to vehicles, traffic signals and navigational aids;

3. when located in a nationally significant dark sky area identified, and protected by a rule, in a plan, the provisions of the plan apply;
4. when located in an area identified, and protected by a rule, in a plan for the purposes of managing ground lighting for aircraft safety, the provisions of the plan apply.

rural and special purpose zones

Outdoor artificial lighting must not exceed 10 lux spill (horizontal or vertical added illuminance) when measured 2 metres within the boundary of an adjacent site and in accordance with AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting, except:

1. outdoor artificial lighting must not exceed 2.5 lux spill (horizontal or vertical added illuminance) in any part of at state highway;
2. this requirement does not apply to vehicles, traffic signals and navigational aids;
3. when located in a nationally significant dark sky area identified, and protected by a rule, in a plan, the provisions of the plan apply;
4. when located in an area identified, and protected by a rule, in a plan for the purposes of managing ground lighting for aircraft safety, the provisions of the plan apply.

commercial and industrial zones

Outdoor artificial lighting must not exceed 20 lux spill (horizontal or vertical added illuminance) when measured 2 metres within the boundary of an adjacent site and in accordance with AS 4282:1997 Control of the Obtrusive Effects of Outdoor Lighting, except:

1. outdoor artificial lighting must not exceed 2.5 lux spill (horizontal or vertical added illuminance) in any part of at state highway;
2. this requirement does not apply to vehicles, traffic signals and navigational aids;
3. when located in a nationally significant dark sky area identified, and protected by a rule, in a plan, the provisions of the plan apply;
4. when located in an area identified, and protected by a rule, in a plan for the purposes of managing ground lighting for aircraft safety, the provisions of the plan apply.

IE-REQ9	Gas transmission pipeline
all zones inside the land transport corridor	<ol style="list-style-type: none"> 1. Land disturbance must not be within 3 metres of a gas transmission pipeline except where the land disturbance is undertaken in accordance with a Gas Transmission Pipeline Risk Assessment. 2. The use of explosives must be more than 60 metres from a gas transmission pipeline.
all zones outside the land transport corridor	<ol style="list-style-type: none"> 1. Land disturbance must not be within 20 metres of a gas transmission pipeline must except where the land disturbance is undertaken in accordance with a Gas Transmission Pipeline Risk Assessment. 2. The use of explosives must be more than 60 metres from a gas transmission pipeline.

Infrastructure and Energy Rules (Management of the Effects of Other Activities on Network Utilities)

The following rules do not apply to network utilities, and instead apply to all other activities and manage or regulate the activities of others’ where they have the potential to have an adverse effect on a network utility.

Table 4: Rule overview table

Use/activity	Rule number
<u>Management of the effects of other activities on significant electricity distribution lines</u>	
Subdivision of a site containing a significant electricity distribution line	IE-R32
<u>Management of the effects of other activities on state highways and the rail network</u>	
Vehicle crossings within 30 metres of a railway level crossings	IE-R33
Buildings and structures within a road/railway level crossing sight triangle	IE-R34
Buildings within 5 metres of a railway corridor boundary	IE-R35
Activities sensitive to noise within 100 metres of a state highway or railway corridor	IE-R36
<u>Management of the effects of other activities on gas transmission lines</u>	
Gas transmission sensitive activities within 60 metres of a gas transmission pipeline	IE-R37
Land disturbance within 20 metres of a gas transmission pipeline	IE-R38
The use of explosives within 60 metres of a gas transmission pipeline	IE-R39
Subdivision of a site containing a gas transmission pipeline	IE-R40

Table 5: Rule table

Management of the effects of other activities on significant electricity distribution lines

IE-R32

Subdivision of a site containing a significant electricity distribution line

all zones

Activity status: RD

Matters of discretion are restricted to:

1. The extent to which the subdivision allows for earthworks, buildings and structures to comply with the safe distance requirements of the New Zealand Electrical Code of Practice for Safe Electrical Distances (NZECP 34:2001).
2. The provision for the on-going efficient operation, maintenance, development and upgrade of the Significant Electricity Distribution Infrastructure, including the ability for continued reasonable access for maintenance, inspections and upgrading.
3. The location of any proposed building platform and the design and use of any future building as it relates to the Significant Electricity Distribution Infrastructure.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner/operator of the significant electricity distribution line is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

Management of the effects of other activities on state highways and the railway corridor

IE-R33

Vehicle crossings within 30 metres of a railway level crossing

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the safety and efficiency of railway and road operations will be adversely affected.
2. The outcome of any consultation with KiwiRail.
3. Any characteristics of the proposed use that will make compliance unnecessary.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. KiwiRail is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R34

Buildings and structures within a road/railway level crossing sight triangle

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the safety and efficiency of railway and road operations will be adversely affected.
2. The outcome of any consultation with KiwiRail.
3. Any characteristics of the proposed use that will make compliance unnecessary.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. KiwiRail is likely to be the only

affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R35 Buildings within 5 metres of a railway corridor boundary

all zones Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The size, nature and location of the buildings on the site.
2. The extent to which the safety and efficiency of railway and road operations will be adversely affected.
3. The outcome of any consultation with KiwiRail.
4. Any characteristics of the proposed use that will make compliance unnecessary.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. KiwiRail is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R36 Activities sensitive to noise within 100 metres of a state highway or railway corridor

At any point within 100 metres of a state highway or 100 metres from the legal boundary of any railway corridor
Activity status: Permitted
Where: *Outdoor road noise*

1. Any new building, or alteration to an existing building, that contains an activity sensitive to noise where:
 - a. external road noise levels are less than 57 dB $L_{Aeq(24h)}$ at all points 1.5 metres above ground level within the proposed notional boundary; or

Activity status when compliance not achieved: Restricted discretionary

Matters of discretion are restricted to:

1. Whether the activity sensitive to noise could be located further from the state

- b. there is a noise barrier at least 3 metres high which blocks the line-of-sight to the road surface from all points 1.5 metres above ground level within the proposed notional boundary.

highway or railway corridor.

Indoor road and railway noise

- 2. Any new building, or alteration to an existing building, that contains an activity sensitive to noise where the building or alteration is:
 - a. designed, constructed and maintained to achieve indoor design noise levels resulting from the road or railway not exceeding the maximum values in the following table; or

Occupancy /activity	Maximum road noise level L_{Aeq}(24h)	Maximum railway noise level L_{Aeq}(1h)
<i>Building type: Residential</i>		

Sleeping spaces	40 dB	35 dB
All other habitable rooms	40 dB	40 dB

<i>Building type: Education</i>		
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Lecture rooms/theatres, music studios, assembly halls	35 dB	35 dB
Teaching areas, conference rooms, drama studios, sleeping areas	40 dB	40 dB
Libraries	45 dB	45 dB

- 2. The extent to which the noise and vibration criteria are achieved and the effects of any non-compliance.
- 3. The character of, and degree of, amenity provided by the existing environment and proposed activity.
- 4. The reverse sensitivity effects on the state highway or railway corridor, and the extent to which mitigation measures can enable their ongoing operation, maintenance and upgrade.
- 5. Special topographical, building features or ground conditions which will mitigate vibration impacts;
- 6. The outcome of any

Building type: Health

Overnight medical care, wards 40 dB 40 dB

Clinics, consulting rooms, theatres, nurses' stations 45 dB 45 dB

consultation with the New Zealand Transport Agency or Kiwi Rail.

Notification:

Application for resource consent under this rule will be decided without public notification. The New Zealand Transport Agency or KiwiRail (as relevant) are likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

Building type: Cultural

Places of worship, marae 35 dB 35 dB

- b. at least 50 metres from the carriageway of any state highway or 50 metres from any railway corridor, and is designed so that a noise barrier entirely blocks line-of-sight from all parts of doors and windows, to the road surface and to all points 3.8 metres above railway tracks.

Mechanical ventilation

3. If windows must be closed to achieve the design noise levels in clause 2(a), the building is designed, constructed and maintained with a mechanical ventilation system that
- a. For habitable rooms for a residential activity, achieves the following requirements:
- i. provides mechanical ventilation to satisfy clause G4 of the New Zealand Building Code; and
 - ii. is adjustable by the occupant to control the ventilation rate in increments up to a high air flow setting that provides at least 6 air changes per hour; and
 - iii. provides relief for equivalent volumes of spill air;

- iv. provides cooling and heating that is controllable by the occupant and can maintain the inside temperature between 18°C and 25°C; and
 - v. does not generate more than 35 dB $L_{Aeq(30s)}$ when measured 1 metre away from any grille or diffuser.
- b. For other spaces, is as determined by a suitably qualified and experienced person.

Indoor road and railway vibration

4. Any new buildings or alterations to existing buildings containing an activity sensitive to noise, closer than 40 metres to the carriageway of a state highway or 60 metres from the boundary of a railway corridor, is designed, constructed and maintained to achieve road and rail vibration levels not exceeding 0.3 mm/s $v_{w,95}$.

Design report [may be replaced with a construction schedule]

5. A report is submitted to the council demonstrating compliance with clauses (1) to (4) above (as relevant) prior to the construction or alteration of any building containing an activity sensitive to noise. In the design:
- a. railway noise is assumed to be 70 $L_{Aeq(1h)}$ at a distance of 12 metres from the track, and must be deemed to reduce at a rate of 3 dB per doubling of distance up to 40 metres and 6 dB per doubling of distance beyond 40 metres; and
 - b. road noise is based on measured or predicted noise levels plus 3 dB.

Where this activity complies with the following rule requirements:

Nil

IE-R37

Gas transmission sensitive activities within 60 metres of a gas transmission pipeline

rural, industrial, open space and recreation, and special purpose zones
Activity status: Permitted
Where:

1. Any building or structure for a gas transmission sensitive activity is located more than 20 metres from the gas transmission pipeline.
2. Vehicular, physical and legal access to the gas transmission pipeline is maintained.
3. The gas transmission sensitive activity does not include the use or storage of hazardous substances with explosive or flammable intrinsic properties (except when in domestic scale quantities).

Where this activity complies with the following rule requirements:

Nil

Activity status when compliance not achieved: Restricted discretionary

Matters of discretion are restricted to:

1. The extent to which the proposed activities are likely to compromise the stability or integrity of the gas transmission pipeline and the operation, maintenance and upgrading of the pipeline.
2. The risk of hazards affecting public or individual safety, and the risk of property damage.
3. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline.
4. Technical advice, including an assessment of the level of risk.
5. The outcome of any consultation with the owner and operator of the gas transmission pipeline.
6. Whether the gas transmission sensitive activity could be located a greater distance from the gas transmission pipeline.

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

residential zones

Activity status: Permitted

Where:

Activity status when compliance not achieved: Restricted discretionary

1. The gas transmission sensitive activity does not include the use or storage of hazardous substances with explosive or flammable intrinsic properties (except when in domestic scale quantities).
- Matters of discretion are restricted to:**
1. The risk of hazards affecting public or individual safety, and the risk of property damage.
 2. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline.
 3. Technical advice, including an assessment of the level of risk.
 4. The outcome of any consultation with the owner and operator of the gas transmission pipeline.
 5. Whether the gas transmission sensitive activity could be located a greater distance from the gas transmission pipeline.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R38	Land disturbance within 20 metres of a gas transmission pipeline	
all zones	<p>Activity status: Permitted activity</p> <p>Where:</p> <ol style="list-style-type: none"> 1. The stability or integrity of the gas transmission pipeline is not compromised. 2. The land disturbance does not include: <ol style="list-style-type: none"> a. a change the ground contour or ground level; or b. the planting of trees within 10 metres of the gas transmission pipeline; 	<p>Activity status when compliance not achieved: Restricted discretionary</p> <p>Matters of discretion are restricted to:</p> <ol style="list-style-type: none"> 1. The risk of hazards affecting public or individual

- | | |
|--|---|
| <ul style="list-style-type: none"> c. loading of the soil; or d. the use of heavy vehicles or machinery. | <p>safety, and the risk of property damage.</p> |
| <ul style="list-style-type: none"> 3. For any works within a gas pipeline easement area, a Pipeline Easement Permit has been obtained. | <ul style="list-style-type: none"> 2. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline. |
| <ul style="list-style-type: none"> 4. For any works outside of a gas pipeline easement area, at least 5 working days prior to the commencement of the land disturbance, written advice of the work is provided to the gas transmission pipeline owner and operator. | <ul style="list-style-type: none"> 3. Technical advice, including an assessment of the level of risk. |
| <ul style="list-style-type: none"> 5. Clauses (1) to (4) above do not apply to land disturbance undertaken as part of normal agricultural, horticultural or domestic cultivation. | <ul style="list-style-type: none"> 4. The outcome of any consultation with the owner and operator of the gas transmission pipeline. |

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with

section 95B of
the Resource
Management Act
1991.

IE-R39

The use of explosives within 60 metres of a gas transmission pipeline

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

1. The risk of hazards affecting public or individual safety, and the risk of property damage.
2. Measures proposed to avoid or mitigate potential adverse effects on the gas transmission pipeline.
3. Technical advice, including an assessment of the level of risk.
4. The outcome of any consultation with the owner and operator of the gas transmission pipeline.
5. Whether the use of explosives could be located a greater distance from the gas transmission pipeline.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.

IE-R40

Subdivision of a site containing a gas transmission pipeline

all zones

Activity status: Restricted discretionary

Matters of discretion are restricted to:

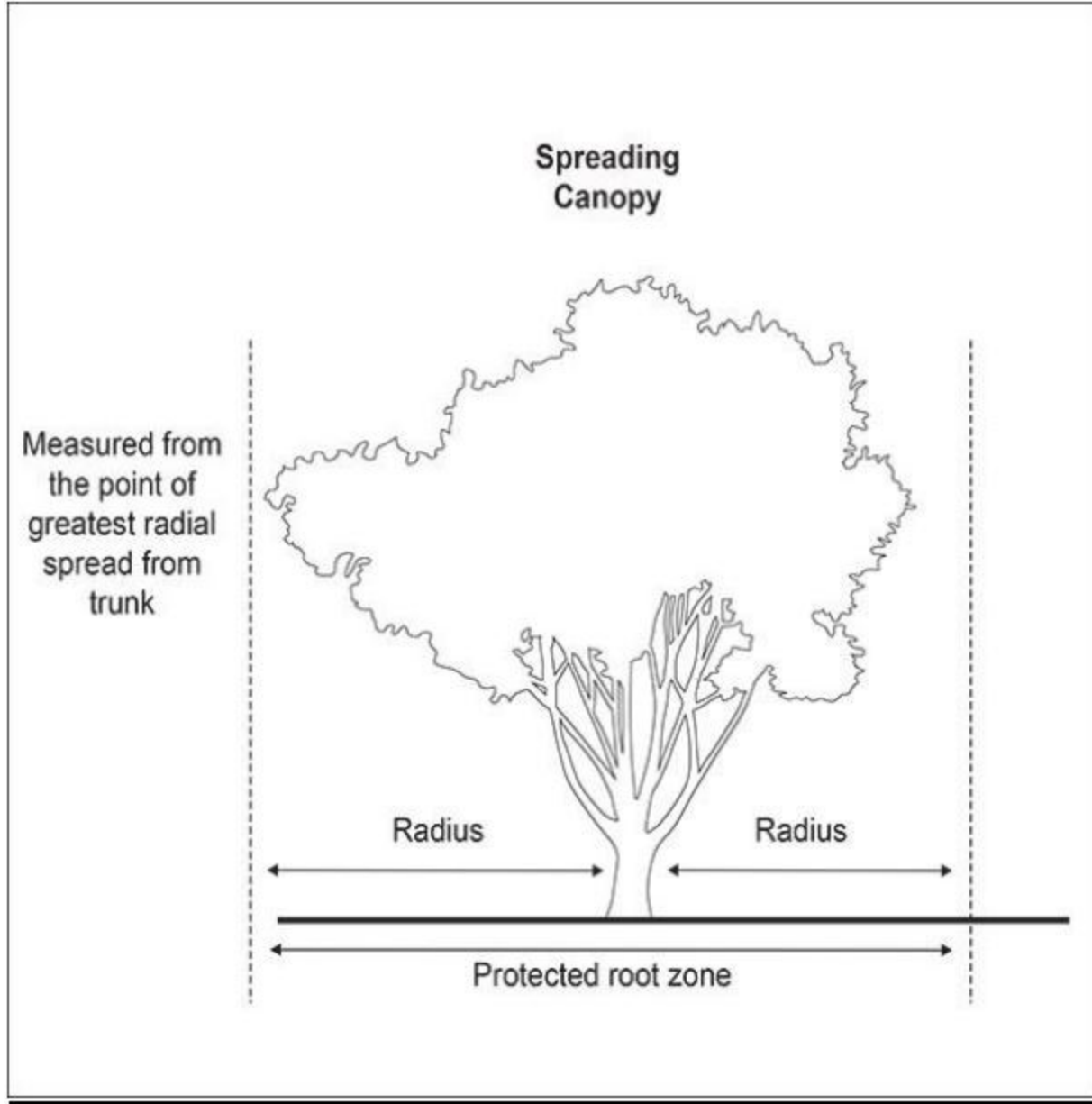
1. The extent to which the subdivision allows for the on-going efficient operation, maintenance and upgrading of the gas transmission pipeline, including the ability for continued reasonable access for inspections, maintenance and upgrading.
2. The location of any future building platform as it relates to the gas transmission pipeline.
3. The extent to which the subdivision design allows for activities to be setback from the gas transmission pipeline.
4. The nature and location of any vegetation to be planted in the vicinity of the gas transmission pipeline.
5. The outcome of any consultation with the owner and operator of the gas transmission pipeline.

Where this activity complies with the following rule requirements:

Nil

Notification:

Application for resource consent under this rule will be decided without public notification. The owner and operator of the gas transmission pipeline is likely to be the only affected person determined in accordance with section 95B of the Resource Management Act 1991.



Columnar Canopy

