

E26. Infrastructure

E26.1. Introduction and other relevant regulatory requirements

E26.1.1. Introduction

Infrastructure is critical to the social, economic, and cultural well-being of people and communities and the quality of the environment. This section provides a framework for the development, operation, use, repair, maintenance, repair, upgrading and removal of infrastructure.

As well as benefits infrastructure can have a range of adverse effects on the environment, visual amenity of an area, and public health and safety. The sensitivity of adjacent activities, particularly residential, to these effects can lead to complaints and ultimately constraints on the operation of infrastructure. Managing these reverse sensitivity effects is essential. Equally in some circumstances other activities and development need to be managed in a way that does not impede the operation of infrastructure.

Infrastructure is provided for on the basis of Auckland-wide provisions. Additional infrastructure provisions (zones, overlays and precincts), such as the National Grid Corridor Overlay, Auckland Airport Precinct and the Strategic Transport Corridor Zone are also provided throughout the plan and should be referred to where applicable. Designations may also provide for infrastructure.

The overlay and Auckland-wide provisions that are included in this section are set out in Table E26.1.1.1.

Table E26.1.1.1 Structure

Overlay or Auckland-wide provisions	E26 sub-section reference	Page number
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D10 Outstanding Natural Landscapes Overlay D11 Outstanding Natural Character and High Natural Character Overlay	E26.13 Network utilities and electricity generation – Outstanding Natural Landscapes Overlay (excluding outstanding natural features) and Outstanding Natural Character and High Natural Character Overlay	109
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E26.1.2. Other relevant regulatory requirements

- (1) Where relevant, the requirements of the National Code of Practice for Utility Operators' Access to Transport Corridors will apply to the placement, maintenance, improvement and removal of utility structures in the road, unformed road and Strategic Transport Corridor.
- (2) The requirements of the Resource Management (National Environmental Standards for Electricity Transmission Activities "NESETA") Regulations 2009 apply directly to the operation, maintenance, upgrading, relocation or removal of transmission line(s) that were operating or able to be operated on or prior to 14 January 2010 and remain part of the National Grid. In the case of conflict with any other provision of this plan, including any provision in the activity table in this section, the NESETA provisions shall prevail.

- (3) The Resource Management (National Environmental Standards for Telecommunication Facilities “NESTF”) Regulations 2008 provide for:
- (a) the planning and operation of a telecommunication facility such as a mobile phone transmitter, that generates radio frequency fields as a permitted activity provided it complies with the New Zealand Standard on Radiofrequency Fields Part 1: Maximum Exposure Levels 3 kHz to 300 GHz (NZS 2772.1: 1999);
 - (b) the installation of telecommunication equipment cabinets in the road reserve as a permitted activity, subject to specified limitations on their size and location;
 - (c) noise from telecommunication equipment cabinets located in the road reserve as a permitted activity, subject to the specified noise limits; and
 - (d) the installation or replacement of masts and antennas on existing structures in the road reserve as a permitted activity, subject to specified limitations on height and size.
- (4) Compliance with the NZECP 34:2001 is mandatory under the Electricity Act 1992. All activities regulated by the NZECP 34:2001, including any activities that are otherwise permitted by the Plan must comply with this regulation.
- (5) Connections to a network utility require approval of the relevant network utility operator and works within roads require approval of the relevant road controlling authority.

E26.2. Network utilities and electricity generation – All zones and roads

E26.2.1. Objectives [rcp/rp/dp]

- (1) The benefits of infrastructure are recognised.
- (2) The value of investment in infrastructure is recognised.
- (3) Safe, efficient and secure infrastructure is enabled, to service the needs of existing and authorised proposed subdivision, use and development.
- (4) Development, operation, maintenance, repair, replacement, renewal, upgrading and removal of infrastructure is enabled.
- (5) The resilience of infrastructure is improved and continuity of service is enabled.
- (6) Infrastructure is appropriately protected from incompatible subdivision, use and development, and reverse sensitivity effects.
- (7) The national significance of the National Grid is recognised and provided for and its effective development, operation, maintenance, repairs, upgrading and removal is enabled.
- (8) The use and development of renewable electricity generation is enabled.

E26.2.2. Policies [rcp/rp/dp]

- (1) Recognise the social, economic, cultural and environmental benefits that infrastructure provides, including:
 - (a) enabling enhancement of the quality of life and standard of living for people and communities;
 - (b) providing for public health and safety;
 - (c) enabling the functioning of businesses;
 - (d) enabling economic growth;
 - (e) enabling growth and development;
 - (f) protecting and enhancing the environment;
 - (g) enabling the transportation of freight, goods, people; and
 - (h) enabling interaction and communication.
- (2) Provide for the development, operation, maintenance, repair, upgrade and removal of infrastructure throughout Auckland by recognising:
 - (a) functional and operational needs;
 - (b) location, route and design needs and constraints;
 - (c) the complexity and interconnectedness of infrastructure services;

- (d) the benefits of infrastructure to communities with in Auckland and beyond;
- (e) the need to quickly restore disrupted services; and
- (f) its role in servicing existing, consented and planned development.

Adverse effects on infrastructure

- (3) Avoid where practicable, or otherwise remedy or mitigate adverse effects on infrastructure from subdivision, use and development, including reverse sensitivity effects, which may compromise the operation and capacity of existing, consented and planned infrastructure.

Adverse effects of infrastructure

- (4) Require the development, operation, maintenance, repair, upgrading and removal of infrastructure to avoid, remedy or mitigate adverse effects, including, on the:
 - (a) health, well-being and safety of people and communities, including nuisance from noise, vibration, dust and odour emissions and light spill;
 - (b) safe and efficient operation of other infrastructure;
 - (c) amenity values of the streetscape and adjoining properties;
 - (d) environment from temporary and ongoing discharges; and
 - (e) values for which a site has been scheduled or incorporated in an overlay.
- (5) Consider the following matters when assessing the effects of infrastructure:
 - (a) the degree to which the environment has already been modified;
 - (b) the nature, duration, timing and frequency of the adverse effects;
 - (c) the impact on the network and levels of service if the work is not undertaken;
 - (d) the need for the infrastructure in the context of the wider network; and
 - (e) the benefits provided by the infrastructure to the communities within Auckland and beyond.
- (6) Consider the following matters where new infrastructure or major upgrades to infrastructure are proposed within areas that have been scheduled in the Plan in relation to natural heritage, Mana Whenua, natural resources, coastal environment, historic heritage and special character:
 - (a) the economic, cultural and social benefits derived from infrastructure and the adverse effects of not providing the infrastructure;
 - (b) whether the infrastructure has a functional or operational need to be located in or traverse the proposed location;

- (c) the need for utility connections across or through such areas to enable an effective and efficient network;
 - (d) whether there are any practicable alternative locations, routes or designs, which would avoid, or reduce adverse effects on the values of those places, while having regard to E26.2.2(6)(a) - (c);
 - (e) the extent of existing adverse effects and potential cumulative adverse effects;
 - (f) how the proposed infrastructure contributes to the strategic form or function, or enables the planned growth and intensification, of Auckland;
 - (g) the type, scale and extent of adverse effects on the identified values of the area or feature, taking into account:
 - (i) scheduled sites and places of significance and value to Mana Whenua;
 - (ii) significant public open space areas, including harbours;
 - (iii) hilltops and high points that are publicly accessible scenic lookouts;
 - (iv) high-use recreation areas;
 - (v) natural ecosystems and habitats; and
 - (vi) the extent to which the proposed infrastructure or upgrade can avoid adverse effects on the values of the area, and where these adverse effects cannot practicably be avoided, then the extent to which adverse effects on the values of the area can be appropriately remedied or mitigated.
 - (h) whether adverse effects on the identified values of the area or feature must be avoided pursuant to any national policy statement, national environmental standard, or regional policy statement.
- (7) Enable the following activities within natural heritage, historic heritage, historic character and Mana Whenua cultural heritage overlays:
- (a) the use and operation of existing infrastructure; and
 - (b) the minor upgrading, maintenance and repair of existing infrastructure, while ensuring that the adverse effects on the values of the area are avoided and where those effects cannot practicably be avoided, minimise any such effects and ensure they are appropriately remedied or mitigated.
- (8) Encourage new linear infrastructure to be located in roads, and where practicable within the road reserve adjacent to the carriage way.

Undergrounding of infrastructure in urban areas

- (9) Require new or major upgrades to electricity and telecommunications lines to be located underground in urban areas unless:

- (a) there are significant operational, functional, technical or economic reasons that require an aboveground network; or
 - (b) the additional lines are part of minor upgrading to the network or are service connections.
- (10) Enable the coordinated undergrounding of existing electricity and telecommunications lines in the road, particularly where the opportunity exists when network improvements are undertaken.

New technologies

- (11) Provide flexibility for infrastructure operators to use new technological advances that:
- (a) improve access to, and efficient use of services;
 - (b) allow for the re-use of redundant services and structures where appropriate;
 - (c) result in environmental benefits and enhancements; and
 - (d) utilise renewable sources.

Renewable electricity generation

- (12) Provide for renewable electricity generation activities to occur at different scales and from different sources, including small and community-scale renewable electricity generation activities.

National Grid

- (13) Have regard to the extent to which actual and potential effects have been avoided, remedied or mitigated by the route, site and method selected when assessing the development of the National Grid.

Road network

- (14) Require road network activities to:
- (a) avoid, remedy or mitigate adverse effects on residential or other sensitive activities, including effects of vibration, noise, glare and vehicle emissions;
 - (b) avoid, remedy or mitigate adverse effects on amenity values of adjoining properties and the streetscape; and
 - (c) maintain or enhance the safety and efficiency of the transport network.
- (15) Ensure roads are designed, located and constructed to:
- (a) provide for the needs of all road users and modes of transport;
 - (b) avoid, remedy or mitigate adverse effects on amenity values of adjoining properties;

- (c) avoid, remedy or mitigate adverse construction effects including effects of vibration, noise, and dust;
- (d) avoid, remedy or mitigate adverse operational effects particularly on residential or other sensitive activities, including effects of vibration, noise, glare and vehicle emissions;
- (e) minimise severance effects and changes to drainage patterns; and
- (f) maintain or enhance the safety and efficiency of the transport network.

E26.2.3. Activity table

Table E26.2.3.1 Activity table specifies the activity status of land use and development activities in all zones and roads pursuant to sections 9(2), 9(3) and 12 of the Resource Management Act 1991.

- Network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.2.3.1 Activity table - Network utilities and electricity generation – All zones and roads

Activity	Roads, unformed roads and the Strategic Transport Corridor Zone	Rural zones, Future Urban Zone and Special Purpose – Quarry Zone	Coastal – Marina Zone (land) and Coastal – Minor Port Zone (land)	School Zone	Residential zones, Special Purpose – Māori Purpose Zone and Special Purpose – School Zone	Industrial zones and the Business – General Business Zone	Centres zones, Business – Mixed Use Zone, Special Purpose – Airports and Airfields Zone, Special Purpose – Major Recreation Facility Zone, Special Purpose – Healthcare Facility and Hospital Zone, Business – Business Park Zone and Special Purpose – Tertiary Education Zone	Open space zones and the Special Purpose – Cemetery Zone
General								
(A1)	Operation, maintenance and repair of network utilities and electricity generation facilities in existence on 30 September 2013 or which have been lawfully established or granted resource consent	P	P	P	P	P	P	P
(A2)	Minor infrastructure upgrading of network utilities	P	P	P	P	P	P	P
(A3)	Service connections	P	P	P	P	P	P	P
(A4)	Minor utility structure	P	P	P	P	P	P	P
(A5)	Electric vehicle charging stations	P	P	P	P	P	P	P
(A6)	Removal of network utilities and electricity generation facilities	P	P	P	P	P	P	P
(A7)	Ancillary telecommunication equipment/devices and networks for supporting the operation of a network utility and/or electricity generation facility, including but not limited to smart meters, antennae and aerials(excludes microwave and satellite dish aerials)	P	P	P	P	P	P	P
(A8)	Pipes and cables for the conveyance of water,	P	P	P	P	P	P	P

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	wastewater, stormwater, electricity, gas and telecommunications that are attached to existing structures							
(A9)	Pipe and cable bridges for the conveyance of water, wastewater, stormwater, electricity, gas and telecommunications	P	P	P	P	P	P	P
(A10)	Air quality and meteorological monitoring structures and devices	P	P	P	P	P	P	P
(A11)	Temporary network utilities operating for less than 12 months	P	P	P	P	P	P	P
(A12)	Temporary signage during the construction of network utilities and electricity generation facilities, which is in place for no longer than 12 months	P	P	P	P	P	P	P
(A13)	Diesel or petrol electricity generators used for the emergency backup of any activities in Table E26.2.3.1 Activity Table	P	P	P	P	P	P	P
(A14)	Network utilities and energy storage inside existing buildings used for network utilities.	P	P	P	P	P	P	P
(A15)	Network utilities and energy storage within buildings where the network utilities or energy storage services that building	P	P	P	P	P	P	P
(A16)	Network utilities and electricity generation facilities not listed in Table E26.2.3.1 Activity Table	D	D	D	D	D	D	D
Electricity transmission and distribution								
(A17)	Distribution substations	P	P	P	P	P	P	P
(A18)	Substations within new buildings *Centres zones and Business – Mixed Use Zone	NA	P	P	C	P	C	RD#
(A19)	Substations within existing buildings	NA	P	P	P	P	P	P
(A20)	Substations within existing buildings that require an increase in building platform area or building height *Centres zones and Business – Mixed Use Zone	NA	P	P	C	P	C	RD
(A21)	Unenclosed Substations *Business – Heavy Industry Zone	NA	RD#	D	D	D	D	D
(A22)	Underground electricity lines	P	P	P	P	P	P	P
(A23)	Pole mounted transformer * within areas of the Road, Unformed Road and Strategic Transport Corridor this activity shall have the same status as the adjacent zone ** Industrial zones *** within the areas of the Roads and Unformed Roads and Strategic Transport Corridor Zone, in rural and coastal towns; and serviced and un-serviced villages.	*	P	P	RD P***	RD P**	RD	RD
(A24)	Overhead electricity lines up to and including 110kV * within areas of the Road, Unformed Road and Strategic Transport Corridor this activity shall have the same status as the adjacent zone; *2 Business – Heavy Industry Zone	*	P	P	D	RD P**	D	D P***
(A25)	Overhead electricity lines greater than 110kV * Business – Heavy Industry Zone	D	D	D	D	D P*	D	D
Liquid fuels and gas transmission and distribution								
(A26)	Underground gas distribution regulator stations	P	P	P	P	P	P	P
(A27)	Aboveground gas distribution regulator stations	P	P	P	P	P	P	P
(A28)	Aboveground gas and petroleum product transmission regulator, valve, or pump stations * Business – Heavy Industrial Zone	D	D	D	D	D RD*	D	D
(A29)	Underground gas distribution pipelines at a gauge	P	P	P	P	P	P	P

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	pressure not exceeding 2000 kilopascals, including any aerial crossings of streams using bridges or any other structures, and ancillary underground equipment and fittings							
(A30)	Underground gas and petroleum product transmission pipelines at a gauge pressure exceeding 2000 kilopascals including any aerial crossings of streams or other low lying areas using bridges or any other structures, and ancillary underground equipment and fittings	D	D	D	D	D	D	D
Telecommunications								
(A31)	Antennas attached to a replacement utility structure that are subject to and do not comply with Regulation 7 of the NESTF	C	NA					
(A32)	Antennas attached to retaining walls, tunnels, bridges and other structures (other than replacement utility structures under the NESTF) in the road, unformed Road and Strategic Transport Corridor Zone	P	NA					
(A33)	Antennas attached to a building and/or structure where the face of the antenna does not exceed 1.5m ² or 1.2m in diameter for dish antennas (excludes private television antennas and satellite dishes)	NA	P	P	RD	P	P	P
(A34)	Mast and attached antennas * within Business – Local Centre Zone and Business – Neighbourhood Centre Zone ** within the Strategic Transport Corridor zone	RD# P**	P	P	D	P	P RD*#	RD#
(A35)	Antennas inside of new or existing buildings	P	P	P	P	P	P	P
(A36)	Antennas that do not exceed the following dimensions: GPS Antennas: <ul style="list-style-type: none"> • 300mm high and 130mm in diameter • small cell units/antennas that do not exceed a volumetric dimension of 0.25m³ Omni-directional antennas: <ul style="list-style-type: none"> • 650mm high; and • 60mm in diameter 	P	P	P	P	P	P	P
(A37)	Externally mounted telecommunication satellite dishes attached to buildings not exceeding 0.8m in diameter and ancillary components	NA	P	P	P	P	P	P
(A38)	Telecommunication cabinets and shelters *that meet the permitted standards in NESTF if within a road	P*	P	P	P	P	P	P
(A39)	Telecommunication cabinets in roads and Strategic Transport Corridor zone that do not meet the permitted standards in NESTF (excludes rail corridors)	RD						
(A40)	Underground telecommunication lines and facilities	P	P	P	P	P	P	P
(A41)	Overhead telecommunication lines * within areas of the road, unformed road and Strategic Transport Corridor Zone this activity shall have the same status as the adjacent zone ** Business – Heavy Industry Zone	*	P	P	D	RD P**	D	D
(A42)	Telecommunication kiosks	P	P	P	P	P	P	P
(A43)	Telephone exchanges	P	P	P	P	P	P	P
(A44)	Installation and operation of equipment inside existing telephone exchanges	P	P	P	P	P	P	P
Amateur radio								
(A45)	Amateur radio configurations	NC	P	P	P	P	P	P
(A46)	Amateur radio configurations that do not comply	NC	D	D	D	D	D	D

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	with Standard E26.2.5.3(25)							
Water, wastewater and stormwater structures								
(A47)	Underground reservoirs	P	P	P	P	P	P	P
(A48)	Above ground reservoirs	RD	P	P	RD	P	RD	RD
(A49)	Underground pipelines and ancillary structures for the conveyance of water, wastewater and stormwater (including above ground ancillary structures associated with underground pipelines)	P	P	P	P	P	P	P
(A50)	Aboveground pipelines and attached ancillary structures for the conveyance of water, wastewater and stormwater	RD	RD	RD	RD	RD	RD	RD
(A51)	Water, wastewater and stormwater pump stations	P	P	P	P	P	P	P
(A52)	Water, wastewater and stormwater storage tanks	P	P	P	P	P	P	P
(A53)	Water treatment plants	D	P	P	RD	P	RD	RD
(A54)	Wastewater treatment plants	D	RD	D	D	RD	D	D
(A55)	Stormwater detention/retention ponds/wetlands	C	C	C	C	C	C	C
(A56)	Water, wastewater and stormwater outfalls and ancillary structures	P	P	P	P	P	P	P
(A57)	Ventilation facilities, drop shafts and manholes	P	P	P	P	P	P	P
(A58)	Stormwater treatment devices; erosion protection; culverts; measuring devices (flows structures)	P	P	P	P	P	P	P
Electricity generation and its storage								
(A59)	Small-scale electricity generation * solar electricity generation which is ancillary to network utilities located in roads and unformed roads and Strategic Transport Corridor Zone	NA P*	P	P	P	P	P	P
(A60)	Community-scale electricity generation * solar electricity generation	NA	P	P	RD# P*	P	RD# P*	RD# P*
(A61)	Large scale wind farms	NA	RD#	D	NC	RD#	D	NC
(A62)	Research and exploratory scale investigations for renewable electricity generation activities	D	P	NA	NA	NA	NA	P
(A63)	Other electricity generating facilities	NC	D	D	NC	D	D	NC
(A64)	Electricity storage facility that is not a minor utility structure	RD	P	P	RD#	P	RD#	RD#
Infringement of standards								
(A65)	Any activity that does not comply with Standard E26.2.5.2(6)	NC	NC	NC	NC	NC	NC	NC
(A66)	Any activity that does not comply with Standard E26.2.5.2(7)	NC	NC	NC	NC	NC	NC	NC

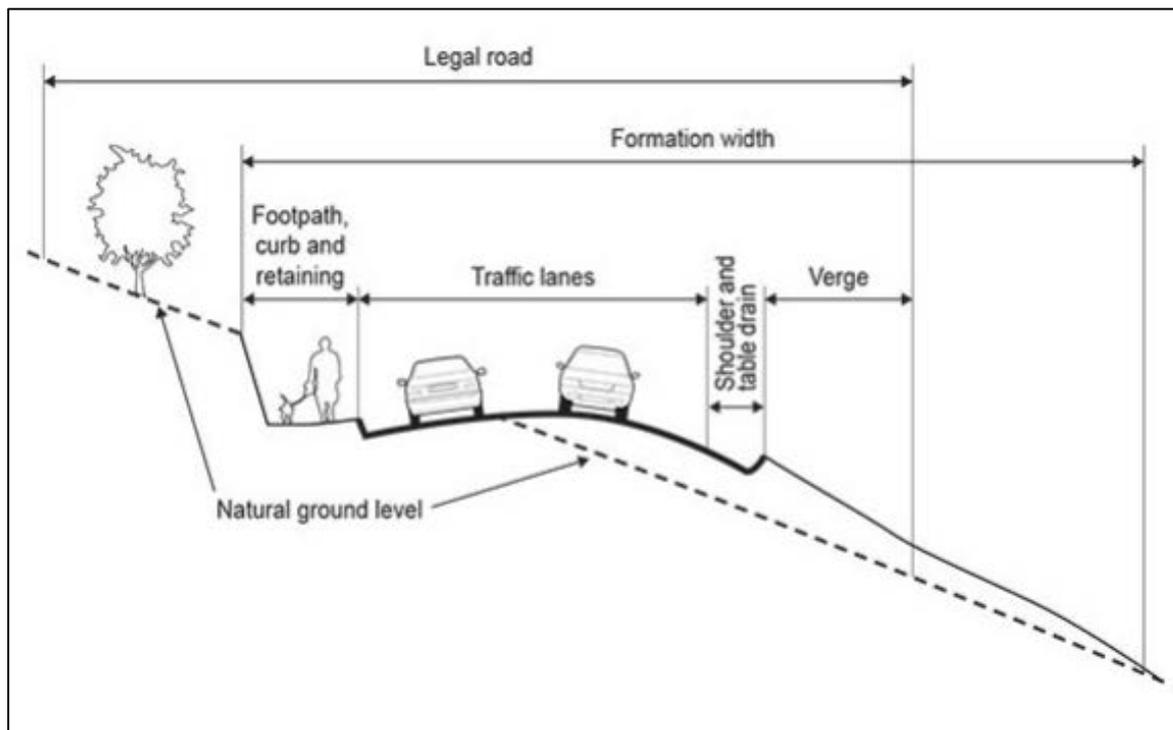
Table E26.2.3.2 Activity table specifies the activity status of land use and development for road network activities pursuant to section 9(3) of the Resource Management Act 1991.

- (1) The rules in Table E26.2.3.2 apply to the local public road network operated by Auckland Transport and any private road (provided the private road is in private ownership, provides public access and is connected to the public road network).
- (2) in this section:
 - (a) 'existing road' has the same meaning as in section 315 of the Local Government Act 1974 and includes legally established private roads (a road in private ownership providing public access and is connected to the public

road network). Section 315 does not include a motorway within the meaning of the Government Roading Powers Act 1989; and

- (b) for the purposes of these rules, the existing road includes activities undertaken within the formation width of the road which may extend beyond the legal road width refer to Figure E26.2.3.1; and

Figure E26.2.3.1 Formation width of the road



- (c) 'unformed road' means land that is vested or dedicated that has never been formed in full or in part,

- (3) Any zoning (including precinct provisions) ceases to have effect from the time the land is vested or dedicated as a road.
- (4) In the case of stopped roads, the zoning reverts to that of the adjoining land at the time when the road is stopped, and where there are two different zones, the adjacent zone extends to the centre line of the former road.
- (5) This section controls the road network activities (including structures) undertaken in the local public road network, and associated/ancillary structures and activities adjacent to but within the formation width of the existing road by Auckland Transport (or its agents) except where the overlay and Auckland-wide rules apply additional rules that must also be complied with.
- (6) Where an existing road (as defined in Rule E26.2.3(2) above) is also identified as having an underlying zoning, the rules as set out below will have precedence over any zone rules in regard to the activity status and standards.

Table E26.2.3.2 Activity table for road network activities

Activity		Existing Road	Unformed Road
(A67)	Construction, operation, use, maintenance and repair of road network activities	P	P
(A68)	Transportation of people, goods and services	P	P
(A69)	Construction of unformed roads	NA	RD#
(A70)	Public amenities	P	P

E26.2.4. Notification

(1) An application for resource consent for a controlled or restricted discretionary activity listed in Table E26.2.3.1 Activity table or Table E26.2.3.2 Activity table for road network activities above will be considered without public or limited notification or the need to obtain written approval from affected parties unless the Council decides that special circumstances exist under section 95A(4) of the Resource Management Act 1991, except that:

(a) any restricted discretionary activity identified by a # in the in Table E26.2.3.1 Activity table and Table E26.2.3.2 Activity table for road network activities will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.

(2) Any application for resource consent for an activity that infringes the permitted or controlled activity standards will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.

(3) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.2.5. Standards**E26.2.5.1. Activities within roads and unformed roads in Table E26.2.3.1 Activity table**

All activities listed as permitted in Table E26.2.3.1 Activity table must comply with the following permitted activity standards.

(1) Temporary network utilities:

(a) all temporary network utilities and associated buildings and structures must be removed from the site on completion of the works; and

(b) the site must be reinstated in accordance with conditions specified in the National Code of Practice for Utility Operators' Access to Transport Corridors (2011).

(2) Building area:

- (a) the maximum aboveground building area for structures, excluding electricity and telecommunication support structures is 2m^2 . This excludes:
 - (i) telecommunication cabinets permitted under NESTF;
 - (ii) distribution substations and gas distribution regulator stations provided they do not exceed 6m^2 ;
 - (iii) distribution substations that specifically connect between networks operating at different voltages or phase angles, and are located outside of urban areas provided they do not exceed 10m^2 ; and
 - (iv) pole mounted transformers provided the transformer does not exceed 2m^3 .

(3) Height:

- (a) the maximum height for structures, excluding electricity and telecommunication support structures, telecommunication devices, earth peaks, lightning rods, smart meters and GPS antennas is 1.8m;
- (b) the maximum height for support structures for electricity lines, telecommunication lines, telecommunication equipment/devices, including telecommunication equipment/devices is 25m. This measurement of height of the structure excludes any earth peaks, lightning rods, smart meters and GPS antennas; and
- (c) the maximum height for of 2.5m applies to:
 - (i) telecommunication kiosk; and
 - (ii) distribution substations that specifically connect between networks operating at different voltages or phase angles, and are located outside of urban areas.

E26.2.5.2. Activities within zones in Table E26.2.3.1 Activity table

All activities listed as permitted in Table E26.2.3.1 Activity table must comply with the following permitted activity standards.

(1) Temporary network utilities:

- (a) all temporary network utilities, temporary electricity generation facilities and associated buildings and structures must be removed from the site on completion of the works.

(2) Building area:

(a) the maximum aboveground building area for structures, excluding electricity and telecommunication support structures:

(i) in residential zones is 20m²;

(ii) in all other zones is 30m²;

(b) Standard E26.2.5.2(2)(a)(i) and (ii) excludes:

(i) structures in industrial zones; and

(ii) substations or telephone exchanges incorporated within a building complying with the rules for the relevant zone which are provided for as a separate activity.

(3) Height:

(a) the maximum height for structures, excluding electricity and telecommunication support structures, telecommunication devices, earth peaks, lightning rods, smart meters and GPS antennas, is 2.5m. Excludes:

(i) structures in industrial zones, where the height controls of the relevant zone will apply;

(ii) substations and telephone exchanges incorporated within a building complying with the rules for the relevant zone or otherwise approved; and

(iii) telecommunication shelters in rural zones, where a maximum height of 3m applies;

(b) the maximum height for support structures for electricity lines and telecommunication lines is 25m.

(4) Yards:

(a) electricity and telecommunication support structures must be set back at least 1m from any adjoining site that is zoned residential or Special Purpose – Māori Purpose Zone.

(5) Pole mounted transformers:

(a) The maximum dimension for transformers is 2m³

(6) Electricity transmission and distribution (Electric and magnetic fields):

(a) network utilities that emit electric and magnetic field emissions must comply 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).

(7) Radio Frequency Fields (RF fields):

- (a) network utilities should not result in radio-frequency fields produced by the network utility exceeding the maximum exposure level of the general public in the New Zealand Standard for Radiofrequency Fields Part 1: Maximum Exposure Levels 3 kHz to 300GHz (NZS 2772.1: 1999) measured at all places reasonably accessible to the general public.

E26.2.5.3. Specific activities within zones in Table E26.2.3.1

The specific activities listed below are required to comply with the permitted activity standards in E26.2.5.1 and E26.2.5.2. Where a standard in E26.2.5.3 for a specified activity varies from a standard in E26.2.5.1 or E26.2.5.2, E26.2.5.3 shall apply.

Minor infrastructure upgrading

(1) Minor infrastructure upgrading of network utilities must comply with the following controls (where relevant):

- (a) minor re-alignment, configuration, relocation or replacement of electricity, gas distribution, or telecommunication line, pipe, pole, conductors, cross arms, switches, transformers, cabinets or ancillary structures:
 - (i) that is within 2m of the existing alignment or location;
 - (ii) that is within 5m of the existing alignment or location when associated with road widening reasons or road safety or electricity clearance reasons.
- (b) alterations and additions to overhead electricity and telecommunication lines on existing poles:
 - (i) do not increase the number of conductors or wires/lines by more than 100 percent;
 - (ii) or when installing a new low voltage circuit on an existing pole, the total number of new conductors or wires/lines must not exceed 8, consisting specifically of 4 lines for electricity circuit, 1 hot water pilot line, 1 street light line, and 2 for telecommunication purposes. Where the hot water pilot and street light lines are not required, the maximum number of new conductors must not exceed 6.
 - (iii) the provisions in E26.2.5.3(1)(b)(i) and E26.2.5.3(1)(b)(ii) above exclude service connections and lateral network connections

- (iv) additional cross arms that do not exceed the length of the existing cross arm by more than 100 percent, up to a maximum of 4m; and
 - (v) additional or replacement electricity and telecommunication lines that do not exceed 30mm in diameter.
- (c) the addition or replacement of:
- (i) earthwires, either overhead or underground, and underground earthgrids, which may contain telecommunication lines, and earthpeaks; or
 - (ii) above-ground insulators on the poles.
- (d) any pole which replaces an existing pole provided that:
- (i) it must not have a diameter or width that is more than the existing pole's diameter or width at its largest point plus 50 percent and in the case of double pole 100 percent; and
 - (ii) it must not have a height greater than 25m
- (e) modification of an existing pole:
- (i) only where the mechanical loading requirements make this necessary in order to undertake reconductoring or the reconfiguration of equipment, such as staywires, anchor blocks, on overhead electricity and telecommunication lines; or
 - (ii) when modifications to structures are required to meet mechanical loading requirements the height and profile of any modified support structure must remain the same as existed prior to the modifications.
- (f) the installation of new mid-span electricity poles in existing networks to address clearances in NZECP 34:2001;
- (g) an increase in the power carrying or operating capacity, efficiency or security of electricity lines, gas distribution lines and telecommunications lines, where this uses the existing network utility and meets the requirements of E26.2.5.3(1)(c) - (f) above;
- (h) the alteration, replacement or relocation of water, wastewater or stormwater structures (excluding pipes):
- (i) there must be no more than a 10 percent increase in the width, length and/or height of the structure; and
 - (ii) the structure must be located within the 2m of existing alignment or location.

- (i) the alterations or replacement of water, wastewater, stormwater, gas pipes provided that:
 - (i) above ground pipes must not exceed 300mm increase in diameter of the pipe;
 - (ii) underground pipes must not exceed a 50 percent increase in the diameter of the pipe
- (j) the replacement of an existing antenna with a new antenna provided that:
 - (i) the new antenna does not exceed the maximum dimension of the existing antenna;
 - (ii) where the antenna is a dish antenna the diameter of the new antenna must not increase by more than 20 percent; and
 - (iii) the overall height of the facility to which the antenna is attached either does not increase or that any height increase is as a result of the antenna size increase only.

Substations

- (2) Noise from substations must not exceed the following noise limits when measured within the boundary of a residential zone site or within the notional boundary of a rural zone site:
 - (a) 55 dB L_{Aeq} between Monday to Saturday 7am to 10pm and Sundays 9am to 6pm and
 - (b) 45 dB L_{Aeq} /75 dB L_{Amax} for all other times
- (3) Noise from substations in other zones must not exceed the noise limits for the zone in which they are located as provided in E25 Noise and vibration.
- (4) Noise from distribution substations within roads, unformed roads and Strategic Transport Corridor Zone must not exceed 40 dB L_{Aeq} at 6m from the distribution substation or at the nearest residential boundary or rural notional boundary, whichever is the furthest.
- (5) In respect of E26.2.5.3(3) and (4) above noise levels must be measured in accordance with NZS6801:2008 "Acoustics – Measurement of environmental sound" and assessed in accordance with NZS6802:2008 "Acoustics – Environmental noise".

Telecommunication antennas attached to buildings

- (6) Antennas attached to buildings must not exceed the height at the point of attachment to the building by more than the height specified in Table E26.2.5.3.1.

For the purposes of this rule, the following ancillary components are excluded from the height standards: radio frequency units; GPS antennas; smart meters, lightning rods, shrouds and ancillary equipment such as amplifiers, controller boxes and tilt motors.

Table E26.2.5.3.1 Telecommunication antennas attached to buildings

Zone group	Permitted height
<ul style="list-style-type: none"> • Rural zones; • Coastal – Marina Zone (land) and Coastal – Minor Port Zone (land); • Future Urban Zone; • Special Purpose – Quarry Zone; • Industrial zones; • Centres zones and Business – Mixed Use Zone (excluding the Business – Local Centre Zone and Business – Neighbourhood Centre Zone); • Business – General Business Zone; • Special Purpose – Airports and Airfields Zone, Special Purpose – Major Recreation Zone, Special Purpose – Healthcare Facility and Hospital Zone and the Business – Business Park Zone; and • Special Purpose – Tertiary Education Zone 	5m
<ul style="list-style-type: none"> • Business – Local Centre Zone and Business – Neighbourhood Centre Zone; • Open space zones; and • Special Purpose – Cemetery Zone 	3.5m

Maximum number of antennas

(7) Standards E26.2.5.3(8) - (10) apply to individual antennas or clusters of antennas, provided that collectively these do not exceed 600mm in diameter.

(8) The maximum number of antennas specified in E26.2.5.3(9) and (10) do not apply to:

- (a) antennas mounted on the fascia of a building below the roofline; and
- (b) GPS antennas, smart meters, lightning rods, shrouds and ancillary equipment such as radio frequency units, amplifiers, controller boxes and tilt motors

(9) The maximum number of antennas in the Business – Local Centre Zone and Business – Neighbourhood Centre Zone are in Table E26.2.5.3.2.

Table E26.2.5.3.2 Maximum number of antennas

Roof area (plan view)	Maximum number of antennas per site
300m ² or less	6
Greater than 300m ² and less than 1,000m ²	8
1,000m ² or more	12

(10) For all other zones the maximum number of antennas is 12 per site.

Height of masts and attached antennas (excludes NESTF)

(11) Masts and attached antennas identified as permitted activities in Table E26.2.3.1 must not exceed the height limits in Table E26.2.5.3.3, excluding provision for lightning rods and GPS antennas, telecommunication devices and earthpeaks.

Table E26.2.5.3.3 Height of masts and attached antennas (excludes NESTF)

Zone groups	Maximum height
<ul style="list-style-type: none"> • Rural zones; • Industrial zones; • Strategic Transport Corridor Zone; • Centres zones and Business - Mixed Use Zone (excluding the Business – Local Centre Zone and Business – Neighbourhood Centre Zone); • Special Purpose – Airport Zone; • Special Purpose – Major Recreation Facility Zone; • Special Purpose – Healthcare Facility and Hospital Zone; • Business – Business Park Zone; • Business – General Business Zone; • Coastal – Minor Port Zone (land); • Future Urban Zone; • Coastal – Marina Zone (land); and • Special Purpose – Quarry Zone 	25m

Electricity generation – wind generation scale and location

(12) Meteorological masts for wind research and exploration must not exceed 90m in height.

(13) Roof-mounted wind turbines for small-scale electricity generation must:

- (a) not exceed the permitted height of the zone by more than 3m;
- (b) have a rotor diameter no more than 2.5m; and
- (c) be limited to one per dwelling within the residential zones.

- (14) Freestanding wind turbines for small-scale electricity generation must comply with Table E26.2.5.3.4.

Table E26.2.5.3.4 Freestanding wind turbines for small-scale electricity generation

Zone	Maximum height	Maximum rotor diameter (m)
Residential zones and the Special Purpose – Māori Purpose Zone	12	2.5
Rural zones, Future Urban Zone, Special Purpose – Quarry Zone and industrial zones	20	5
All other zones	15	3

- (15) In residential zones and the Special Purpose – Māori Purpose Zone, freestanding wind turbines for small-scale electricity generation are limited to one per site.
- (16) The noise (rating) level from small scale electricity generation must not exceed the noise control specified for activities in the zone in which the small scale electricity generation activity is located (including noise control for any zone interface), following the subtraction of 10 decibels from every applicable A-weighted noise limit in the applicable rule. A penalty for the noise containing Special Audible Characteristics in accordance with NZS6802:2008 Acoustics – Environmental Noise must not be applied.
- (17) Wind turbine towers, either freestanding tubular, lattice or tubular mast supported by guy wires, for a community-scale electricity generation facility must not exceed 25m in height.
- (18) Small and community scale wind turbines on sites adjoining residential zones must meet the height in relation to boundary control for the adjoining zone in which they are located.
- (19) There is no height limit for wind turbine towers associated with large-scale wind farms.

Electricity generation - solar panels

- (20) For small scale and community scale electricity, solar panels on the roof of a building must not exceed 250mm in height above the existing roof.

Setbacks

- (21) Wind turbine towers must be set back from the boundary of the site on which the wind turbine is located at a distance equivalent to the length of the turbine blades. The tips of the turbine blades must stay within the site at all times.

Shadow flicker

- (22) No dwellings on a neighbouring property must be exposed to more than 30 hours of shadow flicker per year based on realistic shadow flicker hours calculations from large-scale wind farms.

Pipe and cable bridges

- (23) Pipe and cable bridges must not exceed:

- (a) 25m in length;
- (b) 1m in diameter or width

Underground pipelines for the conveyance of gas, water, wastewater and stormwater

- (24) Any aboveground section of underground pipelines for the conveyance of gas, water, wastewater and stormwater must not exceed:

- (a) 25m continuous length of pipe that is aboveground in any one section; and
- (b) 300mm in diameter.

Amateur Radio Configurations

- (25) Amateur radio configuration activities must comply with the following standards:

- (a) no limit to the number of supporting structures less than 102mm in diameter. Where guy wires are used, these must not exceed 10mm in diameter;
- (b) a maximum of one supporting structure greater than 102mm. The maximum height of the supporting structure shall be the relevant building height. The maximum horizontal diameter of the pole or supporting structure is 800mm. The minimum setback from any boundary is 1.5m. Any guys used to support the pole must not exceed 10mm in diameter;
- (c) dish antennas located less than 5m above ground have a maximum horizontal diameter of 4m and a minimum boundary setback of 1m. Dish antennas situated more than 5m above ground have a maximum diameter of 1.2m;
- (d) the maximum height of antennas mounted on buildings using a supporting structure less than 102mm diameter shall be 18m in the residential zones, and 18m or the relevant permitted or actual building height plus 5m (whichever is greatest) in all other zones;

- (e) all antennas must be designed and operated in compliance with New Zealand Standard NZS 2772 : Part 1 : 1999 Radiofrequency Fields Part 1 – Maximum Exposure Levels – 3 kHz to 300 GHz at all times and in all places to which the public has access; and
- (f) no amateur radio configuration may be located on a site that is, or contains, a scheduled historic heritage place. In respect of a scheduled historic heritage place, no amateur radio configuration shall be located on a site with a extent of place or any area of legal road within that extent of place.

Licensed amateur radio operators have an important role in civil defence activities in the city. The rules recognise this by permitting certain amateur radio configurations for use by licensed amateur radio operators.

Electric vehicle charging stations

(26) Electric vehicle charging stations must be:

- (a) maximum height of 1.8m;
- (b) maximum area of 1.5m²; and
- (c) either have a socket connection, or a fitted cable management accessory.

E26.2.5.4. Standards for road network activities in Table E26.2.3.2

The following permitted activity standards apply to activities within Table E26.2.3.2 Activity table for road network activities in the existing road.

- (1) Temporary works, buildings and structures must be removed from the road on completion of works.
- (2) After completion of works, the ground must be reinstated to at least the condition existing prior to any work starting.
- (3) Work within the formation width of the road must be incidental to, and serve a supportive function for the existing public road or is required for the safety of road users or is required for the safety of adjacent landowners or occupiers.

E26.2.5.5. Controlled activity standards

All activities listed as controlled in Table E26.2.3.1 Activity table must comply with the following controlled activity standards.

Antennas

- (1) Antennas attached to replacement utility structures that do not comply with Regulation 7 of the NESTF in roads, unformed roads and the Strategic Transport Corridor Zone:

- (a) the total height of the structure may exceed the limit specified in Regulation 7(2) of NESTF, by an additional 0.5m;
- (b) the maximum diameter of any shroud is 600mm; and
- (c) there is no limit on the size of antennas where contained within a shroud not exceeding the above limits.

Substations within new or existing buildings

- (2) Substations within new buildings and substations within existing buildings that require an increase in building platform area or building height:
 - (a) the substation building must comply with the development controls for the relevant zone; and
 - (b) noise from substations must not exceed the noise limits in Standards E26.2.5.3(2) - (5).

E26.2.6. Assessment – controlled activities

E26.2.6.1. Matters of control

The Council will reserve its control to all the following matters when assessing a controlled activity resource consent application:

- (1) antennas attached to replacement utility structure that do not comply with Regulation 7 of the NESTF in roads, unformed roads and the Strategic Transport Corridor Zone:
 - (a) compliance with Standard E26.2.5.5(1) Controlled activity standard for antennas.
- (2) stormwater detention and retention ponds and wetlands:
 - (a) effects on the use of open space;
 - (b) provision of safe access for maintenance; and
 - (c) effects on health and safety.
- (3) substations within new buildings and substations within existing buildings that require an increase in building platform area or building height:
 - (a) external building appearance;
 - (b) landscaping and fencing;
 - (c) compliance with Standard E26.2.5.5(2); and
 - (d) effects on health and safety.

E26.2.6.2. Assessment criteria

The Council will consider the relevant assessment criteria for controlled activities from the list below:

- (1) antennas attached to replacement utility structure that do not comply with Regulation 7 of the NESTF in roads, unformed roads and the Strategic Transport Corridor Zone:
 - (a) whether Standard E26.2.5.5(1) is complied with; and
 - (b) the ability to use a shroud to encompass antennas.
- (2) stormwater detention and retention ponds and wetlands:
 - (a) the extent to which interference with public use and enjoyment of open space is minimised where stormwater detention and retention ponds and wetlands are located in public open space;
 - (b) whether safe and direct access can be provided to enable the maintenance of stormwater detention and retention ponds and wetlands; and
 - (c) whether there will be health and safety effects associated with stormwater detention and retention ponds and wetlands and the extent to which these can be mitigated through measures such as fencing.
- (3) substations within new buildings and substations within existing buildings that require an increase in building platform area or building height:
 - (a) whether Standard E26.2.5.5(2) is complied with;
 - (b) the extent to which design features can be used to break up the bulk of the building by, for example varying building elevations, setting parts of the building back, and the use of architectural features without compromising the functional requirements of the substation;
 - (c) the extent to which the visual effects of the building can be softened by landscaping without compromising the functional requirements of the substation; and
 - (d) the extent to which fencing can be used to minimise potential health and safety hazards.

E26.2.7. Assessment – restricted discretionary activities

E26.2.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all restricted discretionary activities:

- (a) functional and operational needs of, and benefits derived from, the infrastructure;
 - (b) visual effects;
 - (c) where located within a road, the operation and function of road network activities and effects on the amenity values of the streetscape;
 - (d) noise and vibration effects;
 - (e) odour effects;
 - (f) shadow flicker effects; and
 - (g) implications in terms of future planned urban development.
- (2) substations within new buildings and substations within existing buildings that require an increase in building platform area or building height:
- (i) effects of external building appearance on amenity values of the streetscape and adjoining properties; and
 - (ii) effects on health and safety.
- (3) road construction of unformed roads and their operation:
- (a) adverse effects on amenity values of adjoining properties;
 - (b) adverse construction effects including effects of vibration, noise, and dust;
 - (c) adverse operational effects particularly on residential or other sensitive activities, including effects of vibration, noise, glare and vehicle emissions;
 - (d) severance effects and changes to drainage patterns;
 - (e) safety and efficiency of the transport network; and
 - (f) the benefits provided by the construction of the road.

E26.2.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
 - (a) function and operational needs of and the benefits derived from, infrastructure:

- (i) the extent to which the functional and operational requirements of the infrastructure affects or necessitates its location, form, height and size;
 - (ii) the extent to which the infrastructure or upgrade will benefit and contribute to the social, economic and cultural and environmental wellbeing of businesses, people and communities; and
 - (iii) the extent to which the infrastructure improves the resilience and security of the network or utility service provided.
- (b) visual effects:
- (i) the extent to which the cumulative adverse visual effects of additional infrastructure on the amenity values of the streetscape and adjoining properties, are avoided, remedied or mitigated;
 - (ii) the extent to which any adverse effects of the design, scale and height of the infrastructure can be internalised, modified or mitigated without compromising the functional requirements of the infrastructure;
 - (iii) the extent of any effects of any building envelope infringements on privacy, over-shadowing or domination of adjacent properties or roads; and
 - (iv) the extent to which the visual effects of the infrastructure can be softened by landscaping without compromising the functional requirements of the infrastructure.
- (c) where located within a road, the operation and function of road network activities and effects on the amenity values of the streetscape:
- (i) the extent to which the infrastructure impedes, restricts or compromises the safe and efficient movement and function of transport activities within a road (including access to and from adjoining properties); and
 - (ii) the extent to which infrastructure in a road adversely effects the amenity values of the streetscape and the function of public amenities.
- (d) implications in terms of future planned urban development:
- (i) the extent to which the proposed infrastructure provides for any planned urban development (for example approved structure plans); and

- (ii) the extent to which the proposed infrastructure may constrain future urban development.
- (e) measures required to avoid, remedy or mitigate adverse effects:
 - (i) whether measures proposed to avoid, remedy or mitigate the adverse effects where relevant to the above criteria will be; effective.
- (f) noise and vibration:
 - (i) the extent to which noise or vibration generated by the infrastructure adversely affects adjacent properties.
- (g) odour:
 - (i) the extent to which any odour emissions from the infrastructure adversely affects the amenity values of surrounding properties.
- (h) shadow flicker:
 - (i) the extent of any shadow flicker effects on adjacent properties and road.
- (2) substations within new buildings and substations within existing buildings that require an increase in building platform area or building height:
 - (a) the extent to which design features can be used to break up the bulk of the building by, for example varying building elevations, setting parts of the building back, and the use of architectural features without compromising the functional requirements of the substation;
 - (b) the extent to which the visual effects of the building can be softened by landscaping without compromising the functional requirements of the substation; and
 - (c) the extent to which fencing can be used to minimise potential health and safety hazards.
- (3) road construction of unformed roads and their operation:
 - (a) whether adverse effects on amenity values of adjoining properties are avoided, remedied or mitigated;
 - (b) whether adverse construction effects including effects of vibration, noise, and dust are avoided, remedied or mitigated;
 - (c) whether adverse operational effects particularly on residential or other sensitive activities, including effects of vibration, noise, glare and vehicle emissions are avoided, remedied or mitigated;

- (d) the extent to which severance effects and changes to drainage patterns can be avoided, remedied or mitigated; and
- (e) whether the safety and efficiency of the transport network will be compromised and the impact on the network and levels of service if the work is not undertaken.

E26.2.8. Special information requirements

There are no special information requirements in this sub-section.

E26.3. Network utilities and electricity generation – Vegetation management

E26.3.1. Objectives

The objectives for vegetation management are located in:

- D9 Significant Ecological Areas Overlay;
- D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay;
- D11 Outstanding Natural Character and High Natural Character Overlay; and
- E15 Vegetation management and biodiversity.

E26.3.2. Policies

The policies for vegetation management are located in:

- D9 Significant Ecological Areas Overlay;
- D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay;
- D11 Outstanding Natural Character and High Natural Character Overlay; and
- E15 Vegetation management and biodiversity.

E26.3.3. Activity table

Table E26.3.3.1 Activity table specifies the activity status of land use and development activities pursuant to sections 9(2) and 9(3) of the Resource Management Act 1991 in the:

- rural zones, coastal areas and riparian margins (refer to E15 Vegetation management and biodiversity);
- D9 Significant Ecological Areas Overlay; (SEA)
- D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay; and (ONF) and (ONL)
- D11 Outstanding Natural Character Overlay and High Natural Character Overlay; (ONC) and (HNC)

The acronyms in brackets after the overlays identified above are used to identify those overlays in the headings in Table E26.3.3.1

For Table E26.3.3.1 Activity table:

- vegetation alteration or removal in relation to existing transmission lines as at 14 January 2010 which form part of the National Grid must also comply with relevant regulations in the Resource Management (National Environmental Standards for Electricity Transmission Activities Regulations 2009. These regulations will also determine the relevant activity status for such activities notwithstanding any other rules in the Plan;

- for the vegetation management rules except where otherwise stated any square metre limit applies on a 'per project' basis; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.3.3.1 Activity table – Network utilities and electricity generation and vegetation management

Activity		Auckland wide rules Vegetation management	Overlay rules Vegetation management				
		Rural zones, coastal areas and riparian margins [rp]	SEA [rp]	ONF [dp]	HNC [dp]	ONL [dp]	ONC [dp]
Operation, maintenance, renewal, repair, construction and removal of network utilities and electricity generation facilities and minor infrastructure upgrading							
(A71)	Biosecurity tree works	P	P	P	P	P	P
(A72)	Dead wood removal	P	P	P	P	P	P
(A73)	Emergency tree works	P	P	P	P	P	P
(A74)	Pest plant removal	P	P	P	P	P	P
(A75)	Vegetation alteration or removal for the operation, repair and maintenance of access tracks and fences for network utilities	P	P	P	P	P	P
(A76)	Vegetation alteration or removal	P	P	P	P	P	P
(A77)	Vegetation alteration or removal that does not comply with Standards E26.3.5.1 to E26.3.5.4	RD	RD	RD	RD	RD	RD
(A78)	Vegetation alteration or removal not otherwise provided for	D	D	D	D	D	D

E26.3.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.3.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.3.5. Standards

All activities listed as permitted in Table E26.3.3.1 Activity table must comply with the following permitted activity standards.

Regional [rp]

Permitted activity standards for vegetation management in rural zones, coastal areas, riparian margins and the Significant Ecological Areas Overlay

E26.3.5.1. Vegetation alteration or removal for the operation, maintenance and repair of access tracks and fences for network utilities

- (1) Must be undertaken within and to 1m either side of existing tracks and fences.
- (2) Must not include trees over 6m in height, or 600mm in girth unless their removal is otherwise permitted by a rule in this Plan.
- (3) Must not result in the removal of more than 20m² of vegetation within a significant ecological area.
- (4) Must not result in the removal of more than 50m² of vegetation from areas not identified as a significant ecological area.

E26.3.5.2. Vegetation alteration or removal

- (1) Vegetation alteration or removal must not include trees over 6m in height, or 600mm in girth unless their removal is otherwise permitted by a rule in this Plan.
- (2) Must not result in the removal of more than 20m² of vegetation within a significant ecological area.
- (3) Must not result in the removal of more than 50m² of vegetation within a coastal area or riparian margin not identified as a significant ecological area.
- (4) Must not result in the removal of more than 20m² of vegetation within the legal road or the formation width of the road in the Waitakere Ranges Heritage Area Overlay.
- (5) Must not result in the removal of more than 500m² of vegetation within the legal road or the formation width of the road in a rural zone.
- (6) Must not result in the removal of more than 250m² of vegetation outside the legal road or the formation width of the road in a rural zone.
- (7) Vegetation alteration or removal from a significant ecological area must be for the purpose of maintaining the safety of the network utility and must be undertaken in any of the following:
 - (a) within the formation width of existing roads;

- (b) within 1m of the network utility, or existing access track;
 - (c) in accordance with the Electricity (Hazards from Trees) Regulations 2003;
 - (d) within state highway designations as at 30 September 2013; or
 - (e) within railway designations as at 30 September 2013.
- (8) Standards E26.3.5.2(1)-(7) do not apply to vegetation alteration or removal required to maintain the visibility of road safety signage, vehicle sightlines, carriageway clearance heights and widths as follows:
- (a) clearance of 4.5m height above the road carriage way or up to 5.3m where there is an overhead road signage above the road carriageway;
 - (b) clearance of a 0.5m width back from the road kerb;
 - (c) clearance of a 0.6m width back from the un-kerbed road; or
 - (d) clearance for any over dimension route requirement.

District [dp]

Permitted Activity Standards for vegetation management in the Outstanding Natural Features Overlay, Outstanding Natural Landscapes Overlay and Outstanding Natural Character and High Natural Character Overlay

E26.3.5.3. Vegetation alteration or removal for the operation, maintenance and repair of access tracks and fences for network utilities

- (1) Must be undertaken within and to 1m either side of existing tracks and fences.
- (2) Must not include trees over 6m in height, or 600mm in girth unless their removal is otherwise permitted by a rule in this Plan.
- (3) Must not result in the removal of more than 50m² of vegetation within an overlay.

E26.3.5.4. Vegetation alteration or removal

- (1) Vegetation alteration or removal must not include trees over 6m in height, or 600mm in girth unless their removal is otherwise permitted by a rule in this Plan.
- (2) Must not result in the removal of more than 50m² of vegetation within an overlay.
- (3) Must not result in the removal of more than 20m² of vegetation within the legal road or the formation width of the road in the Waitakere Ranges Heritage Area Overlay.

- (4) Must not result in the removal of more than 250m² of vegetation within the legal road or the formation width of the road in an overlay
- (5) Standards E26.3.5.4(1)-(4) do not apply to vegetation alteration or removal required to maintain the visibility of road safety signage, vehicle sightlines, carriageway clearance heights and widths as follows:
 - (a) clearance of 4.5m height above the road carriage way or up to 5.3m where there is an overhead road signage above the road carriageway;
 - (b) clearance of a 0.5m width back from the road kerb;
 - (c) clearance of a 0.6m width back from the un-kerbed road; or
 - (d) clearance for any over dimension route requirement.

E26.3.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.3.7. Assessment – restricted discretionary activities

E26.3.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) regional rules - vegetation management in rural zones, coastal areas, riparian margins and the Significant Ecological Areas Overlay that do not comply with the permitted activity standards [rp]:
 - (a) ecological values:
 - (i) the effects that the vegetation alteration or removal will have on ecological values, including on threatened species and ecosystems.
 - (b) sediment, water quality and hydrology:
 - (i) the effects the vegetation alteration or removal will have on soil conservation, water quality and the hydrological function of the catchment.
 - (c) use:
 - (i) the extent to which the vegetation alteration or removal is necessary to provide for the functional and operational needs of infrastructure.
 - (d) methods and location:

- (i) the minimisation of effects from alteration or removal of vegetation and land disturbance through alternative locations on the site and/or methods of undertaking the works.
 - (e) mitigation measures:
 - (i) the remedy or mitigation of adverse effects, including through revegetation, restoration of other areas of vegetation and ongoing maintenance.
 - (f) bonds and covenants:
 - (i) the benefit of imposing bonds, covenants or similar instruments as conditions of consent in implementing any of the matters of discretion.
 - (g) Mana Whenua values:
 - (i) the effects on Mana Whenua values associated with a Significant Ecological Areas Overlay.
- (2) district rules - vegetation management in the Outstanding Natural Features Overlay, Outstanding Natural Landscapes Overlay, Outstanding Natural Character Overlay and High Natural Character Overlay that do not comply with the permitted activity standards [dp]:
- (a) hazard mitigation:
 - (i) the role of the vegetation in avoiding or mitigating natural hazards and the extent to which the vegetation alteration or removal will increase any hazard risk.
 - (b) landscape, natural features and natural character values:
 - (i) the effects the vegetation alteration or removal will have on landscape, natural features and natural character.
 - (c) amenity values:
 - (i) the effects the vegetation alteration or removal will have on the amenity values of any adjacent open space including the coast, parks, reserves and walkways.
 - (d) use:
 - (i) the extent to which the vegetation alteration or removal is necessary to provide for the functional and operational needs of infrastructure.
 - (e) methods and location:

- (i) the minimisation of effects from alteration or removal of vegetation and land disturbance through alternative locations on the site and/or methods of undertaking the works.
- (f) mitigation measures:
 - (i) the remedy or mitigation of adverse effects, including through revegetation, restoration of other areas of vegetation and ongoing maintenance.
- (g) bonds and covenants:
 - (i) the benefit of imposing bonds, covenants or similar instruments as conditions of consent in implementing any of the matters of discretion.
- (h) Mana Whenua values:
 - (i) the effects on Mana Whenua values associated with an Outstanding Natural Features Overlay, Outstanding Natural Character Overlay, High Natural Character Overlay or the Outstanding Natural Landscapes Overlay.

E26.3.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) regional rules - vegetation management in rural zones, coastal areas, riparian margins and the D9 Significant Ecological Areas Overlay that do not comply with the permitted activity standards [rp]:
 - (a) ecological values:
 - (i) the extent to which the vegetation alteration or removal is minimised and adverse effects on the ecological and indigenous biodiversity values of the vegetation are able to be avoided, remedied or mitigated;
 - (ii) whether vegetation removal will have an adverse effect on threatened species or ecosystems; and
 - (iii) the extent to which the proposal for vegetation alteration or removal has taken into account relevant objectives and policies in D9 Significant Ecological Areas Overlay, D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay and E15 Vegetation management and biodiversity.
 - (b) sediment, water quality and hydrology:

- (i) the extent to which vegetation alteration or removal will adversely affect soil conservation, water quality and the hydrological function of the catchment and measures to avoid remedy or mitigate any adverse effects.

(c) use:

- (i) whether the vegetation alteration or removal will improve the reliance and security of the network utility;
- (ii) whether the vegetation alteration or removal is necessary for a structure that has a functional or operational need to be in the proposed location; and
- (iii) the extent of the benefits derived from infrastructure.

(d) methods and location:

- (i) whether there are practicable alternative locations and methods including consideration of an application to infringe development control where this would result in retention and enhancement of vegetation on the site; and
- (ii) whether the effects from the alteration or removal of vegetation and land disturbance can be minimised through works being undertaken on an alternative location on the site, and/or method of undertaking the works.

(e) mitigation measures:

- (i) the extent to which revegetation can remedy or mitigate adverse effects, including eco-sourcing and the ongoing maintenance of revegetation measures.

(f) bonds and covenants:

- (i) whether conditions of consent can avoid remedy or mitigate adverse effects including the imposition of bonds, covenants or similar instruments.

(g) Mana Whenua values:

- (i) the extent to which any adverse effects on Mana Whenua values can be avoided, remedied or mitigated, and having regard to the objectives and policies in E20 Māori Land whether the proposed works are appropriate to provide for Mana Whenua, mātauranga and tikanga values.

- (2) district rules - vegetation management in the Outstanding Natural Features Overlay, Outstanding Natural Landscapes Overlay, Outstanding

Natural Character Overlay and High Natural Character Overlay that do not comply with the permitted activity standards [dp]:

(a) hazard mitigation:

- (i) the extent to which the vegetation alteration or removal will increase natural hazard risks.

(b) landscape, natural features and natural character values:

- (i) the extent to which vegetation alteration or removal will have adverse effects on the values identified for scheduled outstanding natural landscape, outstanding natural features, outstanding natural character and high natural character areas; and
- (ii) the extent to which vegetation alteration or removal adversely affects landscape, natural features and natural character values particularly on adjacent public space including the coast, reserves and walkways and measures to avoid, remedy or mitigate any adverse effects.

(c) amenity values:

- (i) the extent to which the vegetation alteration or removal will have adverse effects on the amenity values of any adjacent open space including the coast, parks, reserves and walkways and measures to avoid, remedy or mitigate any adverse effects.

(d) use:

- (i) whether the vegetation alteration or removal will improve the reliance and security of the network utility;
- (ii) whether the vegetation alteration or removal is necessary for a structure that has a functional or operational need to be in the proposed location; and
- (iii) the extent of the benefits derived from infrastructure.

(e) methods and location:

- (i) whether there are practicable alternative locations and methods including consideration of an application to infringe development control where this would result in retention and enhancement of vegetation on the site; and
- (ii) whether the effects from the alteration or removal of vegetation and land disturbance can be minimised through works being undertaken on an alternative location on the site, and/or method of undertaking the works.

(f) mitigation measures:

- (i) the extent to which revegetation can remedy or mitigate adverse effects, including eco-sourcing and the ongoing maintenance of revegetation measures.

(g) bonds and covenants:

- (i) whether conditions of consent can avoid remedy or mitigate adverse effects including the imposition of bonds, covenants or similar instruments.

(h) Mana Whenua values:

- (i) the extent to which any adverse effects on Mana Whenua values can be avoided, remedied or mitigated, and having regard to the objectives and policies in E20 Māori Land whether the proposed works are appropriate to provide for Mana Whenua, mātauranga and tikanga values.

E26.3.8. Special information requirements

There are no special information requirements in this sub-section.

E26.4. Network utilities and electricity generation – Trees in roads and open space zones and the Notable Trees Overlay

E26.4.1. Objectives

The objectives for trees in roads and open space zones and the Notable Trees Overlay are located in D13 Notable Trees Overlay, E16 Trees in open space zones and E17 Trees in roads.

E26.4.2. Policies

The policies for trees in roads and open space zones and the Notable Trees Overlay are located in D13 Notable Trees Overlay, E16 Trees in open space zones and E17 Trees in roads.

E26.4.3. Activity table

Table E26.4.3.1 Activity table specifies the activity status of land use and development activities in the trees in roads and open space zones provisions and the Notable Trees Overlay pursuant to section 9(3) of the Resource Management Act 1991:

- the activity status and rule applying to any particular tree is determined by the location of the trunk;
- all activities obtain the approval of the Tree Asset Manager, which in respect of roads is Auckland Transport and in respect of open space zones, owned by the Council, is the Auckland Council Parks Department;
- for the tree rules except where otherwise stated any square metre limit applies on a 'per project' basis; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.4.3.1 Activity table - Network utilities and electricity generation – Trees in roads and open space zones and the Notable Trees Overlay

Activity		Auckland wide-rules Trees		Overlay rules
		Trees in roads [dp]	Open space zones [dp]	Notable trees [dp]
Operation, maintenance, renewal, repair, construction and removal of network utilities and electricity generation facilities and, minor infrastructure upgrading				
(A79)	Biosecurity tree works	P	P	P
(A80)	Dead wood removal *if undertaken by a qualified arborist	P	P	P* C
(A81)	Emergency tree works	P	P	P
(A82)	Pest Plant Removal *of any tree less than 4m in height and less than 400mm in girth	P	P*	NA

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(A83)	Tree trimming or alteration	P	P	P
(A84)	Tree trimming or alteration that does not comply with Standard E26.4.5.1 (Trees in streets and open space zones) or Standard E26.4.5.3 (Notable trees)	RD	RD	RD
(A85)	Tree trimming of branch diameters greater than 50mm of Notable Trees in accordance with the Electricity (Hazards from Trees) Regulations 2003 up to the growth limit zone	NA	NA	C
(A86)	Works within the protected root zone undertaken by trenchless methods at a depth greater than 1m below ground level	NA	NA	P
(A87)	Works within the protected root zone that comply with Standard E26.4.5.2	P	P	NA
(A88)	Works within the protected root zone not otherwise provided for	RD	RD	RD
(A89)	Tree removal of Notable Trees	NA	NA	D
(A90)	Tree trimming, alteration or removal on roads adjoining rural zones and on roads adjoining the Future Urban Zone	P	NA	NA
(A91)	Tree alteration or removal of less than 4m in height and trees 400mm in girth	P	P	NA
(A92)	Tree alteration or removal of greater than 4m in height and trees 400mm in girth	RD	RD	NA
(A93)	Tree trimming, alteration or removal not otherwise provided for	D	D	D

E26.4.4. Notification

- (1) An application for resource consent for a controlled activity listed in Table E26.4.3.1 Activity table above will be considered without public or limited notification or the need to obtain written approval from affected parties unless the Council decides that special circumstances exist under section 95A(4) of the Resource Management Act 1991.
- (2) Any application for resource consent for an activity listed in Table E26.4.3.1 Activity table and which is not listed in E26.4.4(1) will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.

- (3) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.4.5. Standards

All activities listed as permitted in Table E26.4.3.1 Activity table must comply with the following permitted activity standards.

Trees in roads and open space zones

E26.4.5.1. Trees in roads and open space zones - tree trimming or alteration

- (1) Tree trimming or alteration of trees in streets and open space zones must comply with the following standards:
- (a) the maximum diameter of any branch removed must be no greater than 100mm;
 - (b) no more than 20 per cent of live growth of the tree must be removed which can be increased to 30 per cent under the direct supervision of a suitably qualified arborist and if there is an agreed tree management plan in place for trimming between 20 – 30 per cent;
 - (c) the natural shape, form and branch habit of the tree must be retained for trees in public open space; and
 - (d) the natural shape, form and branch habit of the tree must be retained for trees in streets where practicable.
- (2) The standards in E26.4.5.1(1) do not apply to tree trimming or alteration carried out:
- (a) in order to comply with the Electricity (Hazards from Trees) Regulations 2003;
 - (b) by Council or its agent or the road controlling authority or its agent to maintain the visibility of road safety signage, maintain vehicle sightlines for traffic safety, maintain legal clearance height and width above the road carriage way including to:
 - (i) maintain a clearance of 4.5 m height above the road carriage way or 5.3m where there is road safety and directional signage located above the carriageway;
 - (ii) maintain the clearance of 0.5m width back from the road kerb;
 - (iii) maintain the clearance of 0.6m width back from the unkerbed road; or
 - (iv) maintain clearance requirements for over dimension routes;

(c) within the legal road or the formation width of the road where the road adjoins any rural zone for maintaining visibility.

(3) Any diseased tree material is to be treated in accordance with the Biosecurity Act 1993.

E26.4.5.2. Trees in roads and open space zones - works within the protected root zone

(1) For roots under 60mm:

(a) excavation undertaken by hand digging or air spade or hydro vac or machine excavator within the protected root zone without direction and/or supervision of a qualified arborist.

(i) the surface area of a single excavation shall not exceed 1m²;

(ii) works involving root pruning must be less than 35mm in diameter at severance;

(iii) works will disturb less than 10 per cent of the protected root zone; and

(iv) any machine excavator must operate on top of paved surfaces and/or ground protection measures and must be fitted with a straight blade bucket.

(b) excavation undertaken by hand digging or air spade or hydro vac or machine excavator within the protected root zone with direction and/or supervision of a qualified arborist:

(i) works must not disturb more than 20 per cent of the protected root zone;

(ii) works involving root pruning must not be on roots greater than 60mm in diameter at severance; and

(iii) any machine excavator must operate on top of paved surfaces and/or ground protection measures and must be fitted with a straight blade bucket.

(c) excavation undertaken by trenchless methods must not be undertaken at a depth less than 800mm below ground level, and does not require the direction or supervision of a suitably qualified arborist;

(d) replacement of structures kerbs, and hard surfaces, does not require the direction or supervision of a suitably qualified arborist, provided that:

(i) the removal of the surface is carried out without damage to any tree roots; and

- (ii) the machine excavator must operate on top of paved surfaces and/or ground protection measures and must be fitted with a straight blade bucket.
- (e) Standards E26.4.5.2(1)(a) - (d) above do not apply to any tree works undertaken inside infrastructure such as pipes and meter boxes.
- (2) For roots greater than 60mm but less than 80mm:
 - (a) excavation undertaken by hand digging or air spade or hydro vac or machine excavator within the protected root zone with direction and/or supervision of a suitably qualified arborist:
 - (i) works must not disturb more than 20% of the protected root zone;
 - (ii) works involving root pruning must not be on roots greater than 80mm in diameter at severance;
 - (iii) any machine excavator must operate on top of paved surfaces and/or ground protection measures and must be fitted with a straight blade bucket;
 - (b) Standard E26.4.5.2(2)(a) above do not apply to any tree works undertaken inside infrastructure such as pipes and meter boxes.

Notable trees

E26.4.5.3. Notable trees - tree trimming or alteration

- (1) Tree trimming or alteration of notable trees must meet the following standards:
 - (a) the maximum branch diameter must not exceed 50mm at severance;
 - (b) must not result in the removal of more than 20 per cent of live growth of the tree in any one calendar year; and
 - (c) the trimming must retain the natural shape, form and branch habit of the tree.

E26.4.5.4. Notable trees - works within the protected root zone undertaken by trenchless methods at a depth greater than 1m below ground level

- (1) Excavation must be undertaken by hand-digging, air spade, hydro vac or drilling machine, within the protected root zone at a depth of 1m or greater.
- (2) The surface area of a single excavation must not exceed 1m².
- (3) Works involving root pruning must not be on roots greater than 35mm in diameter at severance.
- (4) Works must not disturb more than 10 per cent of the protected root zone.

- (5) Any machines must operate on top of paved surfaces and/or ground protection measures.
- (6) Any machines used must be fitted with a straight blade bucket.
- (7) All works must be undertaken under the direction of a suitably qualified arborist.

E26.4.6. Assessment – controlled activities

E26.4.6.1. Matters of control

The Council will reserve its control to all the following matters when assessing a controlled activity resource consent application:

- (1) for deadwood removal not undertaken by a qualified arborist:
 - (a) the extent of the alteration of the tree; and
 - (b) the method to be employed.
- (2) for tree trimming of branch diameters greater than 50mm at severance in accordance with Electricity (Hazards from Trees) Regulations 2003 up to the Growth Limit Zone:
 - (a) the required Growth Limit Zone clearances required by the Electricity (Hazards from Trees) Regulations 2003;
 - (b) the extent of the alteration to the tree; and
 - (c) the method to be employed.

E26.4.6.2. Assessment criteria

The Council will consider the relevant assessment criteria for controlled activities from the list below:

- (1) for deadwood removal not undertaken by a qualified arborist:
 - (a) criteria for the extent of the alteration of the tree and the method to be employed:
 - (i) the tree will not be unduly damaged or its health endangered through removal of deadwood;
 - (ii) the timing of the deadwood removal;
 - (iii) the size of the wounds; and
 - (iv) the position of the wounds.
- (2) tree trimming of branch diameters greater than 50mm at severance in accordance with Electricity (Hazards from Trees) Regulations 2003 up to the Growth Limit Zone:

- (a) that the trimming must not exceed the Growth Limit Zone clearances required by the Electricity (Hazards from Trees) Regulations 2003; and
- (b) whether the trimming retains the natural shape, form and branch habit of the tree, as far as practicable.

E26.4.7. Assessment – restricted discretionary activities

E26.4.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) trees in roads and open space zones:
 - (a) for tree trimming or alteration not meeting Standard E26.4.5.1;
 - (i) the methods proposed to reduce any adverse effects; and
 - (ii) the extent of the alteration of the tree or trees.
 - (b) for work within the protected root zone not otherwise provided for:
 - (i) the methods proposed to reduce any adverse effects of the works, including the depth of the works; and
 - (ii) the extent of area of the protected root zone or zones that is affected.
 - (c) tree alteration or removal of greater than 4m in height and trees 400mm in girth:
 - (i) the effect on the values of the tree or trees; and
 - (ii) any loss or reduction of amenity values provided by the tree or trees;
 - (iii) any mitigation proposed; and
 - (iv) the functional and operational requirements and benefits derived from infrastructure.
- (2) Notable Tree Overlay:
 - (a) for tree trimming or alteration not meeting Standard E26.4.5.3:
 - (i) the methods proposed to reduce any adverse effects; and
 - (ii) the extent of the alteration of the tree or trees.
 - (b) for work within the protected root zone not otherwise provided for:

- (i) the methods proposed to reduce any adverse effects of the works, including the depth of the works; and
- (ii) the extent of area of the protected root zone or zones that is affected.

E26.4.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

(1) trees in roads and open space zones:

- (a) the extent to which effects on the values of the tree or trees including any effects on the natural shape, form and branch habit and the root network can be minimised;
- (b) the extent to which any impact on the immediate or long term health and stability of the tree or trees is able to be minimised or avoided;
- (c) the risk of actual damage to people and property from the tree or trees including the extent to which adverse effects on the health and safety of people have been addressed;
- (d) the degree to which any proposed mitigation adequately responds to the effects on the tree or trees;
- (e) the degree to which the proposal is consistent with best arboricultural practice guidelines for tree management;
- (f) whether there is a need for the direction and supervision of a suitably qualified arborist while the works are being carried out; and
- (g) the extent to which functional and operational requirements make the works necessary.

(2) Notable Tree Overlay:

- (a) the extent to which effects on the values of the tree or trees including any effects on the natural shape, form and branch habit and the root network can be minimised;
- (b) the extent to which any impact on the immediate or long term health and stability of the tree or trees is able to be minimised or avoided;
- (c) the risk of actual damage to people and property from the tree or trees including the extent to which adverse effects on the health and safety of people have been addressed;
- (d) the degree to which any proposed mitigation adequately responds to the effects on the tree or trees;

- (e) the degree to which the proposal is consistent with best arboricultural practice guidelines for tree management;
- (f) the need for the direction and supervision of a suitably qualified arborist while the works are being carried out; and
- (g) the functional and operational requirements and benefits derived from infrastructure.

E26.4.8. Special information requirements

There are no special information requirements in this sub-section.

E26.5. Network utilities and electricity generation – Earthworks all zones and roads

E26.5.1. Objectives

The objectives for earthworks are located in:

- E11 Land disturbance – Regional; and
- E12 Land disturbance – District.

E26.5.2. Policies

The policies for earthworks are located in:

- E11 Land disturbance – Regional; and
- E12 Land disturbance – District.

E26.5.3. Activity table

Table E26.5.3.1 Activity table specifies the activity status of land use and development activities to pursuant to section 9(3) of the Resource Management Act 1991.

- for network utilities the thresholds apply to the area and volume of work being undertaken at any one time at a particular location such that, where practicable, progressive closure and stabilisation of works could be adopted to maintain the activity within the thresholds; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.5.3.1 Activity table - Earthworks all zones and roads [dp]

Activity	Residential zones	Business zones and Business – City Centre Zone	Future Urban Zone and rural zones (excluding Rural – Rural Conservation)	Open space zones	Rural – Rural Conservation Zone and Open Space – Conservation Zone	Special Purpose – Quarry Zone	All other zones and roads
(A94) Earthworks for maintenance, repair, renewal, minor infrastructure upgrading and service connections	P	P	P	P	P	P	P
(A95) Earthworks up to 2500m ² other than for maintenance, repair, renewal, minor infrastructure upgrading	P	P	P	P	P	P	P
(A96) Earthworks up to 2500m ³ other than for maintenance, repair, renewal, minor infrastructure upgrading	P	P	P	P	P	P	P
(A97) Earthworks greater than 2500m ² other than for maintenance, repair,	RD	RD	RD	RD	RD	RD	RD

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	renewal, minor infrastructure upgrading							
	Earthworks greater than 2500m ³ other than for maintenance, repair, renewal, minor infrastructure upgrading	RD	RD	RD	RD	RD	RD	RD
(A98)	Earthworks not otherwise listed in this table	Refer to Table E12.4.1 Activity table – all zones and roads						
Earthworks - Lava caves, fossils and sub-fossils								
(A99)	Land disturbance that disturb known lava caves >1m diameter along any axis or fossils or subfossils	RD	RD	RD	RD	RD	RD	RD

Table E26.5.3.2 Activity table specifies the activity status of land use and development activities pursuant to section 9(2) of the Resource Management Act 1991.

- for network utilities the thresholds apply to the area and volume of work being undertaken at any one time at a particular location such that, where practicable, progressive closure and stabilisation of works could be adopted to maintain the activity within the thresholds; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.5.3.2 Activity table all zones and roads [rp]

Activity		Residential zones	Business zones and Business - City Centre Zones	Future Urban Zone and Rural zones (excluding Rural – Rural Conservation Zone)	Open space Zone	Rural - Rural Conservation Zone and Open Space - Conservation Zone	Special Purpose - Quarry Zone	All other zones and roads
(A100)	Earthworks for maintenance, repair, renewal, minor infrastructure upgrading, service connections	P	P	P	P	P	P	P
(A101)	Up to 10,000m ² where land has a slope less than 10 degrees outside the Sediment Control Protection Area ¹ other than for maintenance, repair, renewal, minor infrastructure upgrading	P	P	P	P	P	P	P
(A102)	Greater than 10,000m ² up to 50,000m ² where land has a slope less than 10 degrees outside the Sediment Control Protection Area ¹ other than for maintenance, repair, renewal, minor infrastructure upgrading	C	C	C	C	C	C	C
(A103)	Greater than 50,000m ² where land has a slope less than 10 degrees	RD	RD	RD	RD	RD	RD	RD

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Activity	Residential zones	Business zones and Business - City Centre Zones	Future Urban Zone and Rural zones (excluding Rural – Rural Conservation Zone)	Open space Zone	Rural - Rural Conservation Zone and Open Space - Conservation Zone	Special Purpose - Quarry Zone	All other zones and roads	
	outside the Sediment Control Protection Area ¹ other than for maintenance, repair, renewal, minor infrastructure upgrading							
(A104)	Up to 2,500m ² where the land has a slope equal to or greater than 10 degrees other than for maintenance, repair, renewal, minor infrastructure upgrading	P	P	P	P	P	P	
(A105)	Up to 2,500m ² within the Sediment Control Protection Area ¹ other than for maintenance, repair, renewal, minor infrastructure upgrading	P	P	P	P	P	P	
(A106)	Greater than 2,500m ² where the land has a slope equal to or greater than 10 degrees other than for maintenance, repair, renewal, minor infrastructure upgrading	RD	RD	RD	RD	RD	RD	
(A107)	Greater than 2,500m ² within the Sediment Control Protection Area ¹ other than for maintenance, repair, renewal, minor infrastructure upgrading	RD	RD	RD	RD	RD	RD	
(A108)	General earthworks not otherwise listed in this table	Refer Table E11.4.1 Activity table – all zones and roads [rp]						
(A109)	Activities ancillary to erosion and sediment control	Refer Table E11.4.2 Activity table all zones and roads – diversion, damming and discharge of treated sediment laden water [rp]						

Note 1

Sediment Control Protection Area is defined as:

- (a) 100 metres either side of a foredune or 100m landward of the coastal marine area (whatever is the more landward of mean high water springs); or
- (b) 50 metres landward of the edge of a watercourse, or wetland of 1000m² or more.

E26.5.4. Notification

- (1) An application for resource consent for a controlled activity listed in Tables E26.5.3.1 and E26.5.3.2 above will be considered without public or limited notification or the need to obtain written approval from affected parties unless the Council decides that special circumstances exist under section 95A(4) of the Resource Management Act 1991.

- (2) Any application for resource consent for an activity listed in Table E26.5.3.1 and E26.5.3.2 and which is not listed in E26.5(1) will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (3) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.5.5. Standards

E26.5.5.1. Accidental discovery rule

- (1) Despite any other rule in this Plan permitting earthworks or land disturbance or any activity associated with earthworks or land disturbance, in the event of discovery of sensitive material which is not expressly provided for by any resource consent or other statutory authority, the standards and procedures set out in this rule must apply.
- (2) For the purpose of this rule, “sensitive material” means:
 - (a) human remains and kōiwi;
 - (b) an archaeological site;
 - (c) a Māori cultural artefact/taonga tuturu;
 - (d) a protected New Zealand object as defined in the Protected Objects Act 1975 (including any fossil or sub-fossil);
 - (e) evidence of contaminated land (such as discolouration, vapours, asbestos, separate phase hydrocarbons, landfill material or significant odour); or
 - (f) a lava cave greater than 1m in diameter on any axis.
- (3) On discovery of any sensitive material, the owner of the site or the consent holder must take the following steps:

Cease works and secure the area

- (a) Immediately cease all works within 20 metres of any part of the discovery, including shutting down all earth disturbing machinery and stopping all earth moving activities.
- (b) Secure the area of the discovery, including a sufficient buffer area to ensure that all sensitive material remains undisturbed.

Inform relevant authorities and parties

- (c) Inform the following parties immediately of the discovery:

- (i) the New Zealand Police if the discovery is of human remains or kōiwi;
- (ii) the Council in all cases;
- (iii) Heritage New Zealand Pouhere Taonga if the discovery is an archaeological site, Māori cultural artefact, human remains or kōiwi;
- (iv) Mana Whenua if the discovery is an archaeological site, Māori cultural artefact, or kōiwi.

Wait for and enable inspection of the site

- (d) Wait for and enable the site to be inspected by the relevant authority or agency:
 - (i) If the discovery is human remains or kōiwi the New Zealand Police are required to investigate the human remains to determine whether they are those of a missing person or are a crime scene. The remainder of this process will not apply until the New Zealand Police confirm that they have no further interest in the discovery; or
 - (ii) If the discovery is of any other sensitive material, a site inspection for the purpose of initial assessment and response will be arranged by the Council in consultation with Heritage New Zealand Pouhere Taonga and appropriate Mana Whenua representatives.
- (e) Following site inspection and consultation with all relevant parties (including the owner and consent holder), the Council will determine the area within which work must cease until the requirements of step E26.5.5.1(3)(f) are met.

Recommencement of work

- (f) Work within the area determined by the Council at step E26.5.5.1(3)(e) must not recommence until all of the following requirements, so far as relevant to the discovery, have been met:
 - (i) Heritage New Zealand has confirmed that an archaeological authority has been approved for the work or that none is required;
 - (ii) any required notification under the Protected Objects Act 1975 has been made to the Ministry for Culture and Heritage;
 - (iii) the requirements of the Unitary Plan – Section E30 Contaminated land and/or the National Environmental Standards for Assessing and Managing Contaminants in Soil to Protect Human Health 2011 have been met;

- (iv) any material of scientific or educational importance must be recorded and if appropriate recovered and preserved;
- (v) if the discovery is a lava cave as outlined in E26.5.5.1(2)(f) above and if the site is assessed to be regionally significant, reasonable measures must be taken to minimise adverse effects of the works on the scientific values of the site; and
- (vi) where the site is of Māori origin and an authority from Heritage New Zealand Pouhere Taonga is not required the Council will confirm, in consultation with Mana Whenua, that:
 - any kōiwi have either been retained where discovered or removed in accordance with the appropriate tikanga; and
 - any agreed revisions to the planned works to be/have been made in order to address adverse effects on Māori cultural values; and
 - that there are no requirements in the case of archaeological sites that are not of Māori origin and are not covered by Heritage New Zealand Pouhere Taonga Act 2014.
- (vii) Resource consent has been granted to any alteration or amendment to the earthworks or land disturbance that may be necessary to avoid the sensitive materials and that is not otherwise permitted under the Plan or allowed by any existing resource consent.

E26.5.5.2. General standards

All activities listed as permitted, controlled and restricted discretionary in Table E26.5.3.1 and E26.5.3.2 must comply with the following standards.

Regional [rp]

- (1) Earthworks associated with the operation, repair, renewal, upgrading and maintenance of existing roads, will be undertaken within the legal road or the formation width of existing roads if this extends beyond the legal road width.
- (2) Land disturbed for the operation, repair, renewal, upgrading or maintenance of utilities will be stabilised by re-vegetation, grassing or other suitable means as soon as practicable after completion of the works to avoid erosion and scouring.
- (3) Land disturbance must not, after reasonable mixing, result in any of the following effects in receiving waters:
 - (a) the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials;

- (b) any conspicuous change in the colour or visual clarity;
 - (c) any emission of objectionable odour;
 - (d) the rendering of fresh water unsuitable for consumption by farm animals; or
 - (e) any significant adverse effects on aquatic life.
- (4) Best practice erosion and sediment control measures must be implemented for the duration of the land disturbance. Those measures must be installed prior to the commencement of land disturbance and maintained until the site is stabilised against erosion.

Note 1

Best practice in Auckland is generally deemed to be compliance with Auckland Council Technical Publication 90 Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region or similar design.

- (5) Dewatering of trenches and other excavations must be done in accordance with best practice and must not result in a discharge of untreated sediment laden water to any stormwater reticulation system or water body.
- (6) Trenching must be progressively closed and stabilised such that no more than 120m of continuous trench is exposed to erosion at any one time.
- (7) Only cleanfill material may be imported and utilised as part of the land disturbance.

District [dp]

- (8) Earthworks associated with the operation, repair, renewal, upgrading and maintenance of existing roads, will be undertaken within the legal road or the formation width of existing roads if this extends beyond the legal road width.
- (9) Land disturbed for the operation, renewal, repair, upgrading or maintenance of utilities outside the formation width of existing roads or abutments, or within an overland flow path, will be reinstated to the ground level prior to the works being undertaken as soon as practicable after completion of the works.
- (10) Land disturbed for the operation, repair, renewal, upgrading or maintenance of utilities will be stabilised by re-vegetation, grassing or other suitable means as soon as practicable after completion of the works to avoid erosion and scouring.

- (11) Land disturbance within Riparian Yards and Coastal Protection Yards are limited to:
- (a) operation, maintenance and repair (including network utilities);
 - (b) less than 5m² or 5m³; for general earthworks;
 - (c) less than 10m² or 5m³ for the installation of new network utilities;
 - (d) installation of fences and walking tracks;
 - (e) burial of marine mammals.
- (12) Works must not result in any instability of land or structures at or beyond the boundary of the property where the land disturbance occurs.
- (13) The land disturbance must not cause malfunction or result in damage to network utilities, or change the cover over network utilities so as to create the potential for damage or malfunction.
- (14) Access to public footpaths, berms, private properties, network utilities, or public reserves must not be obstructed unless that is necessary to undertake the works or prevent harm to the public.
- (15) Only cleanfill material may be imported and utilised as part of the land disturbance.
- (16) Measures must be implemented to ensure that any discharge of dust beyond the boundary of the site is avoided or limited such that it does not cause nuisance.
- (17) Earthworks (including filling) within a 100 year AEP flood plain:
- (a) must not raise ground levels more than 300mm, to a total fill volume up to 10m³ which must not be exceeded through multiple filling operations; and
 - (b) must not result in any adverse changes in flood hazard beyond the site.

Note 1

This standard does not limit excavation and replacement of fill to form building platforms, where those works do not raise ground levels.

- (18) Earthworks (including filling) within overland flow paths must maintain the same entry and exit point at the boundaries of a site and not result in any adverse changes in flood hazards beyond the site, unless such a change is authorised by an existing resource consent.

- (19) Temporary land disturbance and stockpiling of soil and other materials within 1% AEP flood plain and/or overland flow path for up to a maximum of 28 days in any calendar year may occur as part of construction or maintenance activities.
- (20) Burial of marine mammals must be undertaken by the Department of Conservation or the agents of the Department of Conservation.
- (21) Land disturbance around Transpower NZ Ltd electricity transmission line poles must:
- (a) be no deeper than 300mm within 2.2m of a transmission pole support structure or stay wire; and
 - (b) be no deeper than 750mm within 2.2 to 5m of a transmission pole support structure or stay wire; except that:
 - (c) vertical holes not exceeding 500mm diameter beyond 1.5m from the outer edge of a pole support structure or stay wire are exempt from Standards E26.5.5.2(21)(a) and (b) above.
- (22) Land disturbance around Transpower NZ Ltd electricity transmission lines towers must:
- (a) be no deeper than 300mm within 6m of the outer visible edge of a transmission tower support structure; and
 - (b) be no deeper than 3m between 6 to 12m from the outer visible edge of a transmission tower support structure.
- (23) Land disturbance within 12m of a Transpower NZ Ltd electricity transmission line pole or tower must not:
- (a) create an unstable batter that will affect a transmission support structure; or
 - (b) result in a reduction in the ground to conductor clearance distances as required by NZECP34:2001.

E26.5.6. Assessment – controlled activities

E26.5.6.1. Matters of control

The Council will reserve its control to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all regional controlled activities [rp]:
 - (a) compliance with the standards;
 - (b) the design and suitability of erosion and sediment control measures to be implemented;

- (c) adverse effects of land disturbance and sediment discharge on water bodies, particularly sensitive receiving environments;
- (d) the proportion of the catchment which is exposed;
- (e) staging of works and progressive stabilisation;
- (f) timing and duration of works;
- (g) term of consent; and
- (h) potential effects on significant ecological and indigenous biodiversity values.

E26.5.6.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all regional controlled activities [rp]:
 - (a) whether applicable standards are complied with;
 - (b) the proximity of the earthworks to any water body and the extent to which erosion and sediment controls and the proposed construction methodology will adequately avoid or minimise adverse effects on:
 - (i) water quality including of the Coastal Marine Area; and
 - (ii) ecological health including of the Coastal Marine Area.
 - (c) the extent to which the earthworks minimises soil compaction, other than where it benefits geotechnical or structural performance;
 - (d) the proximity of the earthworks to areas of significant ecological value and the extent the design, location and execution of the works provide for the maintenance and protection of these areas;
 - (e) whether monitoring the volume and concentration of sediment that may be discharged by the activity is appropriate within the scale of the proposed land disturbance; or
 - (f) whether the extent or impacts of adverse effects from the land disturbance can be mitigated by managing the duration, season or staging of such works.

E26.5.7. Assessment – restricted discretionary activities

E26.5.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all regional restricted discretionary activities [rp]:

- (a) compliance with the standards;
 - (b) the design and suitability of erosion and sediment control measures to be implemented;
 - (c) adverse effects of land disturbance and sediment discharge on water bodies, particularly sensitive receiving environments;
 - (d) effects on cultural and spiritual values of Mana Whenua including water quality, preservation of wāhi tapu, and kaimoana gathering;
 - (e) the proportion of the catchment which is exposed;
 - (f) staging of works and progressive stabilisation;
 - (g) timing and duration of works;
 - (h) term of consent;
 - (i) potential effects on significant ecological and indigenous biodiversity values;
 - (j) the treatment of stockpiled materials on the site including requirements to remove material if it is not to be reused on the site; and
 - (k) information and monitoring requirements.
- (2) all district restricted discretionary activities [dp]:
- (a) compliance with the standards;
 - (b) effects of noise, vibration, odour, dust, lighting and traffic on the surrounding environment;
 - (c) effects on the stability and safety of surrounding land, buildings and structures;
 - (d) effects on overland flow paths and flooding;
 - (e) protocol for the accidental discovery of kōiwi, archaeology and artefacts of Māori origin;
 - (f) the treatment of stockpiled materials on the site including requirements to remove material if it is not to be reused on the site;
 - (g) staging of works and progressive stabilisation;
 - (h) information and monitoring requirements;
 - (i) timing and duration of works;
 - (j) term of consent;

- (k) potential effects on significant ecological and indigenous biodiversity values;
- (l) risk that may occur as a result of natural hazards;
- (m) protection of or provision of network utilities and road networks.
- (n) potential effects on the natural character and values of the coastal environment, lakes, rivers and their margins, where works encroach into riparian or coastal yards; and
- (o) positive effects enabled through the land disturbance.

E26.5.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all regional restricted discretionary activities [rp]:
 - (a) whether applicable standards are complied with;
 - (b) the proximity of the earthworks to any water body and the extent to which erosion and sediment controls and the proposed construction methodology will adequately avoid or minimise adverse effects on:
 - (i) water quality including of the coastal marine area;
 - (ii) ecological health including of the coastal marine area;
 - (iii) riparian margins;
 - (iv) the mauri of water;
 - (c) the quality of taiāpure or mahinga mātaītai;
 - (d) the extent to which the earthworks minimises soil compaction, other than where it benefits geotechnical or structural performance;
 - (e) the proximity of the earthworks to areas of significant ecological value and the extent the design, location and execution of the works provide for the maintenance and protection of these areas;
 - (f) whether monitoring the volume and concentration of sediment that may be discharged by the activity is appropriate within the scale of the proposed land disturbance; or
 - (g) whether the extent or impacts of adverse effects from the land disturbance can be mitigated by managing the duration, season or staging of such works.
- (2) general district assessment criteria [dp]:

- (a) whether applicable standards are complied with;
- (b) the extent to which the earthworks will generate adverse noise, vibration, odour, dust, lighting and traffic effects on the surrounding environment and the effectiveness of proposed mitigation measures;
- (c) whether the earthworks and any associated retaining structures are designed and located to avoid adverse effects on the stability and safety of surrounding land, buildings, and structures;
- (d) whether the earthworks and final ground levels will adversely affect overland flow paths or increase potential volume or frequency of flooding within the site or surrounding sites;
- (e) whether a protocol for the accidental discovery of kōiwi, archaeology and artefacts of Māori origin has been provided and the effectiveness of the protocol in managing the impact on Mana Whenua cultural heritage if a discovery is made;
- (f) whether the extent or impacts of adverse effects from the land disturbance can be mitigated by managing the duration, season or staging of such works;
- (g) the extent to which the area of the land disturbance is minimised, consistent with the scale of development being undertaken;
- (h) the extent to which the land disturbance is necessary to provide for the functional or operational requirements of the network utility installation, repair or maintenance;
- (i) the extent of risks associated with natural hazards and whether the risks can be reduced or not increased;
- (j) whether the land disturbance and final ground levels will adversely affect existing utility services;
- (k) the extent to which the land disturbance is necessary to accommodate development otherwise provided for by the Unitary Plan, or to facilitate the appropriate use of land in the open space environment, including development proposed in a relevant operative reserve management plan or parks management plan;
- (l) for land disturbance near Transpower New Zealand Limited transmission towers:
 - (i) the outcome of any consultation with Transpower New Zealand Limited; and
 - (ii) the risk to the structural integrity of transmission lines; or

- (m) the extent to which earthworks avoid, minimise, or mitigate adverse effects on any archaeological sites that have been identified in the assessment of effects.

E26.5.8. Special information requirements

There are no special information requirements in this sub-section.

E26.6. Network utilities and electricity generation – Earthworks overlays except Outstanding Natural Features Overlay

E26.6.1. Objectives

The objectives for earthworks are located in:

- D9 Significant Ecological Areas Overlay;
- D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay;
- D11 Outstanding Natural Character and High Natural Character Overlay;
- D17 Historic Heritage Overlay;
- D18 Special Character Areas Overlay – Residential and Business
- E11 Land disturbance – Regional; and
- E12 Land disturbance – District.

E26.6.2. Policies

The policies for earthworks are located in:

- D9 Significant Ecological Areas Overlay;
- D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay;
- D11 Outstanding Natural Character and High Natural Character Overlay;
- D17 Historic Heritage Overlay;
- D18 Special Character Areas Overlay – Residential and Business
- E11 Land disturbance – Regional; and
- E12 Land disturbance – District.

E26.6.3. Activity table

Table E26.6.3.1 Activity table specifies the activity status of land use and development activities pursuant to sections 9(2) and 9(3) of the Resource Management Act 1991 in the:

- D9 Significant Ecological Areas Overlay; (SEA)
- D7 Water Supply Management Areas Overlay;(WSMA)
- D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay; (ONF) and (ONL)
- D11 Outstanding Natural Character and High Natural Character Overlay; (ONC) and (HNC)
- D17 Historic Heritage Overlay; (HH)
- D21 Sites and Places of Significance to Mana Whenua Overlay; (SSMW) and

- D18 Special Character Areas Overlay – Residential and Business (Special Character)

The acronyms in brackets after the overlays identified above (and the words “Special Character”) are used to identify those overlays in the headings in Table E26.6.3.1

For Table E26.6.3.1 Activity table:

- additional controls apply for earthworks within the D26 National Grid Corridor Overlay; and
- for network utilities the thresholds apply to the area and volume of work being undertaken at any one time at a particular location such that, where practicable, progressive closure and stabilisation of works could be adopted to maintain the activity within the thresholds; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.6.3.1 Activity table - Earthworks in overlay areas except Outstanding Natural Features Overlay

Activity		SEA [rp]	ONC [dp]	WSMA [rp]	ONL and HNC [dp]	Historic Heritage [dp]	SSMW [dp]	Special Character [dp]
(A110)	Earthworks for maintenance, renewal and repair of network utilities and electricity generation activities RD* where archaeological controls apply as listed in Schedule 14	P	P	P	P	P RD*	P	P
(A111)	Earthworks for service connections P* where identified as a site exception in Schedule 12 RD* where archaeological controls apply as listed in Schedule 14	P	P	P	P	P RD*	D P*	P
(A112)	Earthworks for minor infrastructure upgrading P* within the legal road or the formation width of the road RD* where archaeological controls apply as listed in Schedule 14	P	RD P*	P	P	P RD*	P	P
(A113)	Earthworks for minor utility structures P* within the legal road or the formation width of the	P	RD P*	P	P	P RD*	P	P

E26 Infrastructure

	road RD* where archaeological controls apply as listed in Schedule 14							
(A114)	Earthworks for minor upgrading of road network activities within the legal road or the formation width of the road RD* where archaeological controls apply as listed in Schedule 14.1	P	P	P	P	P RD*	P	P
(A115)	Earthworks for network utilities and electricity generation facilities that do not comply with the standards in E26.6.5.2	RD	RD	RD	RD	RD	RD	RD
(A116)	Other earthworks up to 10m ² and 5m ³ RD* where archaeological controls apply as listed in Schedule 14 * Earthworks greater than 5m ³ within the Isthmus C Special Character Overlay	P	P	P	P	P RD*	D	P D*
(A117)	Earthworks from 10m ² to 2500m ² and from 5m ³ to 2500m ³	RD	RD	RD	RD	RD	D	RD
(A118)	Earthworks greater than 2500m ² or 2500m ³	D	RD	D	RD	D	D	D
(A119)	Earthworks associated with temporary activities and land disturbance not otherwise listed in this table	Refer Table E11.4.3 Activity table overlays for regional overlays and Table E12.4.2 Activity table overlays (except Outstanding Natural Features Overlay) for district overlays.						

E26.6.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.6.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.6.5. Standards

E26.6.5.1. Accidental discovery rule

- (1) Despite any other rule in this Plan permitting earthworks or land disturbance or any activity associated with earthworks or land disturbance, in the event of discovery of sensitive material which is not expressly provided for by any resource consent or other statutory authority, the standards and procedures set out in this rule must apply.

(2) For the purpose of this rule, “sensitive material” means:

- (a) human remains and kōiwi;
- (b) an archaeological site;
- (c) a Māori cultural artefact/taonga tuturu;
- (d) a protected New Zealand object as defined in the Protected Objects Act 1975 (including any fossil or sub-fossil);
- (e) evidence of contaminated land (such as discolouration, vapours, asbestos, separate phase hydrocarbons, landfill material or significant odour); or
- (f) a lava cave greater than 1m in diameter on any axis.

(3) On discovery of any sensitive material, the owner of the site or the consent holder must take the following steps:

Cease works and secure the area

- (a) Immediately cease all works within 20 metres of any part of the discovery, including shutting down all earth disturbing machinery and stopping all earth moving activities.
- (b) Secure the area of the discovery, including a sufficient buffer area to ensure that all sensitive material remains undisturbed.

Inform relevant authorities and parties

- (c) Inform the following parties immediately of the discovery:
 - (i) the New Zealand Police if the discovery is of human remains or kōiwi;
 - (ii) the Council in all cases;
 - (iii) Heritage New Zealand Pouhere Taonga if the discovery is an archaeological site, Māori cultural artefact, human remains or kōiwi;
 - (iv) Mana Whenua if the discovery is an archaeological site, Māori cultural artefact, or kōiwi.

Wait for and enable inspection of the site

- (d) Wait for and enable the site to be inspected by the relevant authority or agency:
 - (i) If the discovery is human remains or kōiwi the New Zealand Police are required to investigate the human remains to determine whether they are those of a missing person or are a crime scene.

The remainder of this process will not apply until the New Zealand Police confirm that they have no further interest in the discovery;
or

- (ii) If the discovery is of any other sensitive material, a site inspection for the purpose of initial assessment and response will be arranged by the Council in consultation with Heritage New Zealand Pouhere Taonga and appropriate Mana Whenua representatives.
- (e) Following site inspection and consultation with all relevant parties (including the owner and consent holder), the Council will determine the area within which work must cease until the requirements of step E26.6.5.1(3)(f) are met.

Resumption of work

- (f) Work within the area determined by the Council at step E26.6.5(3)(e) must not recommence until all of the following requirements, so far as relevant to the discovery, have been met:
 - (i) Heritage New Zealand has confirmed that an archaeological authority has been approved for the work or that none is required;
 - (ii) any required notification under the Protected Objects Act 1975 has been made to the Ministry for Culture and Heritage;
 - (iii) the requirements of the Unitary Plan – Section E30 Contaminated land and/or the National Environmental Standards for Assessing and Managing Contaminants in Soil to Protect Human Health 2011 have been met;
 - (iv) any material of scientific or educational importance must be recorded and if appropriate recovered and preserved;
 - (v) if the discovery is a lava cave as outlined in E26.6.5.1(2)(f) above and if the site is assessed to be regionally significant, reasonable measures must be taken to minimise adverse effects of the works on the scientific values of the site; and
 - (vi) where the site is of Māori origin and an authority from Heritage New Zealand Pouhere Taonga is not required the Council will confirm, in consultation with Mana Whenua, that:
 - any kōiwi have either been retained where discovered or removed in accordance with the appropriate tikanga; and
 - any agreed revisions to the planned works to be/have been made in order to address adverse effects on Māori cultural values; and

- that there are no requirements in the case of archaeological sites that are not of Māori origin and are not covered by Heritage New Zealand Pouhere Taonga Act 2014.

(vii) Resource consent has been granted to any alteration or amendment to the earthworks or land disturbance that may be necessary to avoid the sensitive materials and that is not otherwise permitted under the Plan or allowed by any existing resource consent.

E26.6.5.2. General standards

All activities listed as permitted, controlled or restricted discretionary in Table E26.6.3.1 Activity table must comply with the following standards.

Regional [rp]

Regional permitted activity standards for the Significant Ecological Areas Overlay and Water Supply Management Area Overlay

- (1) Earthworks for network utilities outside the legal road or the formation width of the road shall be limited to the area and depth of the land previously disturbed or modified or within a width or depth not exceeding 2m either side of a National Grid structure or cable.
- (2) Earthworks for network utilities within the legal road or the formation width of the road shall not exceed 10m² and 5m³
- (3) Earthworks for the minor upgrading of road network activities shall not exceed an excavation depth of 0.6m.
- (4) Earthworks for service connections in SEAs shall be limited to the area and depth of earth previously disturbed or modified or shall not exceed 10m² and 5m³
- (5) After completion of the earthworks, the ground must be reinstated to at least the condition existing prior to any work starting.
- (6) Land disturbance must not, after reasonable mixing, result in any of the following effects in receiving waters:
 - (a) the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
 - (b) any conspicuous change in the colour or visual clarity;
 - (c) any emission of objectionable odour;
 - (d) the rendering of fresh water unsuitable for consumption by farm animals; or
 - (e) any significant adverse effects on aquatic life.

- (7) Best practice erosion and sediment control measures must be implemented for the duration of the land disturbance. Those measures must be installed prior to the commencement of land disturbance and maintained until the site is stabilised against erosion.

Note 1

Best practice in Auckland is generally deemed to be compliance with Auckland Council Technical Publication 90 Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region or similar design.

- (8) Dewatering of trenches and other excavations must be done in accordance with best practice and must not result in a discharge of untreated sediment laden water to any stormwater reticulation system or water body.
- (9) Trenching must be progressively closed and stabilised such that no more than 120m of continuous trench is exposed to erosion at any one time.
- (10) Only cleanfill material may be imported and utilised as part of the land disturbance.
- (11) Earthworks for maintenance and repair of driveways, parking areas, sports fields and major recreational facilities within a Significant Ecological Area Overlay shall be limited to the area of earth previously disturbed or modified.
- (12) Earthworks associated with a temporary activity within a Significant Ecological Area Overlay shall be limited to the area of earthwork previously disturbed or modified.

District [dp]

District permitted activity standards for the Outstanding Natural Features Overlay, Outstanding Natural Landscapes Overlay, Outstanding Natural Character and High Natural Character Overlay, Historic Heritage Overlay, Sites and Places of Significance to Mana Whenua Overlay and Special Character Areas Overlay – Residential and Business

- (13) Earthworks for network utilities outside the legal road or the formation width of the road shall be limited to the area and depth of the land previously disturbed or modified or within a width or depth not exceeding 2m either side of a National Grid structure or cable.
- (14) Earthworks for network utilities within the legal road or the formation width of the road shall not exceed 10m² and 5m³
- (15) Earthworks for the minor upgrading of road network activities shall not exceed an excavation depth of 0.6m.

- (16) Earthworks for the network utilities within the Historic Heritage Overlay must not:
- (a) take place within 20m of any building or structure within the scheduled historic heritage place;
 - (b) take place within the protected root zone of any tree identified in Schedule 14.1 excluding features identified in the exclusions column of Schedule 14.1 and
 - (c) exceed an excavation depth of 0.6m
- (17) Earthworks for network utilities on a site or place of significance to Mana Whenua shall be limited to the area and depth of earth previously disturbed or modified.
- (18) After completion of the earthworks, the ground must be reinstated to at least the condition existing prior to any work starting
- (19) Land disturbance within Riparian Yards and Coastal Protection Yards are limited to:
- (a) operation, maintenance and repair (including network utilities);
 - (b) less than 5m² or 5m³; for general earthworks;
 - (c) less than 10m² or 5m³ for the installation of new network utilities;
 - (d) installation of fences and walking tracks;
 - (e) burial of marine mammals.
- (20) Works must not result in any instability of land or structures at or beyond the boundary of the property where the land disturbance occurs.
- (21) The land disturbance must not cause malfunction or result in damage to network utilities, or change the cover over network utilities so as to create the potential for damage or malfunction.
- (22) Access to public footpaths, berms, private properties, network utilities, or public reserves must not be obstructed unless that is necessary to undertake the works or prevent harm to the public.
- (23) Only cleanfill material may be imported and utilised as part of the land disturbance.
- (24) Measures must be implemented to ensure that any discharge of dust beyond the boundary of the site is avoided or limited such that it does not cause nuisance.
- (25) Earthworks (including filling) within a 100 year AEP flood plain:

- (a) must not raise ground levels more than 300mm, to a total fill volume up to 10m³ which must not be exceeded through multiple filling operations; and
- (b) must not result in any adverse changes in flood hazard beyond the site.

Note 1

This standard does not limit excavation and replacement of fill to form building platforms, where those works do not raise ground levels.

- (26) Earthworks (including filling) within overland flow paths must maintain the same entry and exit point at the boundaries of a site and not result in any adverse changes in flood hazards beyond the site, unless such a change is authorised by an existing resource consent.
- (27) Temporary land disturbance and stockpiling of soil and other materials within 1% AEP flood plain and/or overland flow path for up to a maximum of 28 days in any calendar year may occur as part of construction or maintenance activities.
- (28) Burial of marine mammals must be undertaken by the Department of Conservation or the agents of the Department of Conservation.
- (29) Land disturbance around Transpower NZ Ltd electricity transmission line poles must:
 - (a) be no deeper than 300mm within 2.2m of a transmission pole support structure or stay wire; and
 - (b) be no deeper than 750mm within 2.2 to 5m of a transmission pole support structure or stay wire; except that:
 - (c) vertical holes not exceeding 500mm diameter beyond 1.5m from the outer edge of a pole support structure or stay wire are exempt from Standards E26.6.5.2(29)(a) and (b) above.
- (30) Land disturbance around Transpower NZ Ltd electricity transmission lines towers must:
 - (a) be no deeper than 300mm within 6m of the outer visible edge of a transmission tower support structure; and
 - (b) be no deeper than 3m between 6 to 12m from the outer visible edge of a transmission tower support structure.
- (31) Land disturbance within 12m of a Transpower NZ Ltd electricity transmission line pole or tower must not:

- (a) create an unstable batter that will affect a transmission support structure; or
 - (b) result in a reduction in the ground to conductor clearance distances as required by NZECP34:2001.
- (32) Earthworks for maintenance and repair of driveways, parking areas, sports fields and major recreational facilities on a site or places of significance to Mana Whenua shall be limited to the area and depth of earth previously disturbed or modified.
- (33) Earthworks for maintenance and repair of driveways, parking areas, sports fields and major recreational facilities within the D17 Historic Heritage Overlay must not extend more than 300 mm below the surface where archaeological controls apply (as listed in Schedule 14 Historic Heritage Schedule, Statements and Maps).
- (34) Earthworks/land disturbance for the planting of any tree within the D17 Historic Heritage Overlay must not be undertaken where archaeological controls apply (as listed in Schedule 14 Historic Heritage Schedule, Statements and Maps) other than as a replacement for a pre-existing tree; and, within the area previously occupied by the root plate of the pre-existing tree.

E26.6.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.6.7. Assessment – restricted discretionary activities

E26.6.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all regional restricted discretionary activities [rp]:
 - (a) the matters set out in E26.5.7.1(1);
 - (b) the effects that the earthworks will have on ecological values, including on threatened species and ecosystems;
 - (c) the effects the vegetation alteration or removal will have on soil conservation, water quality and the hydrological function of the catchment;
 - (d) the necessity of the earthworks to provide for the functional and operational needs of infrastructure;
 - (e) the minimisation of effects from land disturbance through alternative locations on the site and/or methods of undertaking the works;

- (f) the remedy or mitigation of adverse effects, including through revegetation, or restoration of other areas and ongoing maintenance;
 - (g) the benefit of imposing bonds, covenants or similar instruments as conditions of consent in implementing any of the matters of discretion; and
 - (h) the effects on Mana Whenua values associated with a Significant Ecological Areas Overlay.
- (2) all district restricted discretionary activities [dp]:
- (a) the matters set out in E26.5.7.1(2);
 - (b) effects on the characteristics and qualities that contribute to the natural character and/or landscape values of the area;
 - (c) landscape, visual and amenity effects;
 - (d) modification to landform;
 - (e) Mana Whenua values;
 - (f) the mitigation of effects; and
 - (g) the necessity of the earthworks to provide for the functional and operational needs of infrastructure.

E26.6.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all regional restricted discretionary activities [rp]:
- (a) the relevant assessment criteria in E26.5.7.2(1);
 - (b) the extent to which the earthworks are minimised and adverse effects on the ecological and indigenous biodiversity values of the vegetation are able to be avoided, remedied or mitigated;
 - (c) whether the earthworks will have an adverse effect on threatened species or ecosystems;
 - (d) the extent to which the earthworks will adversely affect soil conservation, water quality and the hydrological function of the catchment and measures to avoid remedy or mitigate any adverse effects;
 - (e) whether the earthworks will improve the reliance and security of the network utility;

- (f) whether the earthworks are necessary for a structure that has a functional or operational need to be in the proposed location;
 - (g) the extent of the benefits derived from infrastructure;
 - (h) whether the effects from the earthworks can be minimised through works being undertaken on an alternative location on the site, and/or method of undertaking the works;
 - (i) the extent to which re-vegetation can remedy or mitigate adverse effects;
 - (j) whether conditions of consent can avoid remedy or mitigate adverse effects including the imposition of bonds, covenants or similar instruments; and
 - (k) the extent to which any adverse effects on Mana Whenua values can be avoided, remedied or mitigated, and having regard to the objectives and policies in E20 Māori Land whether the proposed works are appropriate to provide for Mana Whenua, mātauranga and tikanga values.
- (2) all district restricted discretionary activities [dp]:
- (a) the relevant assessment criteria in E26.5.7.2(2);
 - (b) whether there are practicable alternative locations for the activity, building or structure outside of the overlay area;
 - (c) whether, taking into account the characteristics and qualities of the site of the proposed earthworks, that the proposed location has the greatest potential to absorb change and minimise adverse effects on the landscape and/or natural character values;
 - (d) whether the proposed mitigation measures will ensure that there will be no more than minor effects on all of the following:
 - (i) amenity values or views, both from land and sea;
 - (ii) landscape and natural character values; and
 - (iii) people's experience and values associated with an area, including the predominance of nature and wilderness values.
 - (e) whether the siting of the earthworks adversely affects the line and form of the landscape with particular regard to ridgelines, headlands and promontories;
 - (f) whether the earthworks will be visually obtrusive from any public road or public place, including from beaches and the sea;

- (g) the extent of adverse visual or ecological effects from the proposed earthworks and landform modification;
- (h) the extent to which the proposed earthworks will impact on Mana Whenua values;
- (i) whether the earthworks will improve the reliance and security of the network utility;
- (j) whether the earthworks are necessary for a structure that has a functional or operational need to be in the proposed location; and
- (k) the extent of the benefits derived from infrastructure.

E26.6.8. Special information requirements

There are no special information requirements in this sub-section.

E26.7. Network utilities and electricity Generation – Earthworks Outstanding Natural Features Overlay

E26.7.1. Objectives

The objectives for earthworks are located in:

- D10 Outstanding Natural Features Overlay; and
- E12 Land disturbance – District.

E26.7.2. Policies

The policies for earthworks are located in:

- D10 Outstanding Natural Features Overlay; and
- E12 Land disturbance – District.

E26.7.3. Activity table

Table E26.7.3.1 Activity table specifies the activity status of land use and development activities in the D10 Outstanding Natural Features Overlay pursuant to section 9(3) of the Resource Management Act 1991:

- for network utilities the thresholds apply to the area and volume of work being undertaken at any one time at a particular location such that, where practicable, progressive closure and stabilisation of works could be adopted to maintain the activity within the thresholds; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.7.3.1 Activity table - Network utilities and electricity Generation – Earthworks Outstanding Natural Features Overlay

Activity		Feature Code from Table D10.4.1 for activity tables applying to outstanding natural features									
		A1	A	V1	V2	B	C	D	E	F1	F2
(A120)	Earthworks for maintenance, renewal and repair of network utilities and electricity generating facilities	P	P	P	P	P	P	P	P	P	P
(A121)	Earthworks for minor infrastructure upgrading P* within the legal road or the formation width of the road	P	P	RD P*	RD P*	RD	RD	RD	RD	RD	RD
(A122)	Earthworks for minor utility structures P* within the legal road or the formation width of the road	P	P	RD P*	RD P*	RD	RD	RD	RD	RD	RD
(A123)	Earthworks for service connections	P	P	RD	RD	RD	RD	RD	RD	RD	RD

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(A124)	Earthworks for minor upgrading of road network activities within the legal road or the formation width of the road	P	P	P	P	P	P	P	P	P	P
(A125)	Earthworks for network utilities and electricity generation facilities that do not comply with standards in E26.7.5.2	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD
(A126)	Earthworks for network utilities and electricity generating facilities activities not otherwise provided for	RD	RD	RD	RD	RD	RD	RD	RD	RD	RD
(A127)	Land disturbance not otherwise listed in this table	Refer Table E12.4.3 Activity table Outstanding Natural Features Overlay									

E26.7.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.7.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.7.5. Standards

E26.7.5.1. Accidental discovery rule

- (1) Despite any other rule in this Plan permitting earthworks or land disturbance or any activity associated with earthworks or land disturbance, in the event of discovery of sensitive material which is not expressly provided for by any resource consent or other statutory authority, the standards and procedures set out in this rule must apply.
- (2) For the purpose of this rule, “sensitive material” means:
 - (a) human remains and kōiwi;
 - (b) an archaeological site;
 - (c) a Māori cultural artefact/taonga tuturu;
 - (d) a protected New Zealand object as defined in the Protected Objects Act 1975 (including any fossil or sub-fossil);
 - (e) evidence of contaminated land (such as discolouration, vapours, asbestos, separate phase hydrocarbons, landfill material or significant odour); or

(f) a lava cave greater than 1m in diameter on any axis.

(3) On discovery of any sensitive material, the owner of the site or the consent holder must take the following steps:

Cease works and secure the area

(a) Immediately cease all works within 20 metres of any part of the discovery, including shutting down all earth disturbing machinery and stopping all earth moving activities.

(b) Secure the area of the discovery, including a sufficient buffer area to ensure that all sensitive material remains undisturbed.

Inform relevant authorities and parties

(c) Inform the following parties immediately of the discovery:

(i) the New Zealand Police if the discovery is of human remains or kōiwi;

(ii) the Council in all cases;

(iii) Heritage New Zealand Pouhere Taonga if the discovery is an archaeological site, Māori cultural artefact, human remains or kōiwi;

(iv) Mana Whenua if the discovery is an archaeological site, Māori cultural artefact, or kōiwi.

Wait for and enable inspection of the site

(d) Wait for and enable the site to be inspected by the relevant authority or agency:

(v) If the discovery is human remains or kōiwi the New Zealand Police are required to investigate the human remains to determine whether they are those of a missing person or are a crime scene. The remainder of this process will not apply until the New Zealand Police confirm that they have no further interest in the discovery; or

(vi) If the discovery is of any other sensitive material, a site inspection for the purpose of initial assessment and response will be arranged by the Council in consultation with Heritage New Zealand Pouhere Taonga and appropriate Mana Whenua representatives.

(e) Following site inspection and consultation with all relevant parties (including the owner and consent holder), the Council will determine the area within which work must cease until the requirements of step E26.7.5.1(3)(f) are met.

Recommencement of work

- (f) Work within the area determined by the Council at step E26.7.5.1(3)(e) must not recommence until all of the following requirements, so far as relevant to the discovery, have been met:
- (i) Heritage New Zealand has confirmed that an archaeological authority has been approved for the work or that none is required;
 - (ii) any required notification under the Protected Objects Act 1975 has been made to the Ministry for Culture and Heritage;
 - (iii) the requirements of the Unitary Plan – Section E30 Contaminated land and/or the National Environmental Standards for Assessing and Managing Contaminants in Soil to Protect Human Health 2011 have been met;
 - (iv) any material of scientific or educational importance must be recorded and if appropriate recovered and preserved;
 - (v) if the discovery is a lava cave as outlined in E26.7.5.1(2)(f) above and if the site is assessed to be regionally significant, reasonable measures must be taken to minimise adverse effects of the works on the scientific values of the site; and
 - (vi) where the site is of Māori origin and an authority from Heritage New Zealand Pouhere Taonga is not required the Council will confirm, in consultation with Mana Whenua, that:
 - any kōiwi have either been retained where discovered or removed in accordance with the appropriate tikanga; and
 - any agreed revisions to the planned works to be/have been made in order to address adverse effects on Māori cultural values; and
 - that there are no requirements in the case of archaeological sites that are not of Māori origin and are not covered by Heritage New Zealand Pouhere Taonga Act 2014.
 - (vii) Resource consent has been granted to any alteration or amendment to the earthworks or land disturbance that may be necessary to avoid the sensitive materials and that is not otherwise permitted under the Plan or allowed by any existing resource consent.

E26.7.5.2. General standards

All activities listed as permitted or restricted discretionary in Table E26.7.3.1 Activity table must comply with the following standards.

- (1) Earthworks for network utilities outside the legal road or the formation width of the road shall be limited to the area and depth of the land previously disturbed or modified or within a width or depth not exceeding 2m either side of a National Grid structure or cable.
- (2) Earthworks for network utilities within the legal road or the formation width of the road shall not exceed 10m² and 5m³.
- (3) Earthworks for the minor upgrading of road network activities shall not exceed an excavation depth of 0.6m.
- (4) After completion of the earthworks, the ground must be reinstated to at least the condition existing prior to any work starting.
- (5) Land disturbance within Riparian Yards and Coastal Protection Yards are limited to:
 - (a) operation, maintenance and repair (including network utilities);
 - (b) less than 5m² or 5m³; for general earthworks;
 - (c) less than 10m² or 5m³ for the installation of new network utilities;
 - (d) installation of fences and walking tracks;
 - (e) burial of marine mammals.
- (6) Works must not result in any instability of land or structures at or beyond the boundary of the property where the land disturbance occurs.
- (7) The land disturbance must not cause malfunction or result in damage to network utilities, or change the cover over network utilities so as to create the potential for damage or malfunction.
- (8) Access to public footpaths, berms, private properties, network utilities, or public reserves must not be obstructed unless that is necessary to undertake the works or prevent harm to the public.
- (9) Only cleanfill material may be imported and utilised as part of the land disturbance.
- (10) Measures must be implemented to ensure that any discharge of dust beyond the boundary of the site is avoided or limited such that it does not cause nuisance.
- (11) Earthworks (including filling) within a 100 year AEP flood plain:
 - (a) must not raise ground levels more than 300mm, to a total fill volume up to 10m³ which must not be exceeded through multiple filling operations; and

- (b) must not result in any adverse changes in flood hazard beyond the site.

Note 1

This standard does not limit excavation and replacement of fill to form building platforms, where those works do not raise ground levels.

- (12) Earthworks (including filling) within overland flow paths must maintain the same entry and exit point at the boundaries of a site and not result in any adverse changes in flood hazards beyond the site, unless such a change is authorised by an existing resource consent.
- (13) Temporary land disturbance and stockpiling of soil and other materials within 1% AEP flood plain and/or overland flow path for up to a maximum of 28 days in any calendar year may occur as part of construction or maintenance activities.
- (14) Burial of marine mammals must be undertaken by the Department of Conservation or the agents of the Department of Conservation.
- (15) Land disturbance around Transpower NZ Ltd electricity transmission line poles must:
 - (a) be no deeper than 300mm within 2.2m of a transmission pole support structure or stay wire; and
 - (b) be no deeper than 750mm within 2.2 to 5m of a transmission pole support structure or stay wire; except that:
 - (c) vertical holes not exceeding 500mm diameter beyond 1.5m from the outer edge of a pole support structure or stay wire are exempt from Standards E26.7.5.2(15)(a) and (b) above.
- (16) Land disturbance around Transpower NZ Ltd electricity transmission lines towers must:
 - (a) be no deeper than 300mm within 6m of the outer visible edge of a transmission tower support structure; and
 - (b) be no deeper than 3m between 6 to 12m from the outer visible edge of a transmission tower support structure.
- (17) Land disturbance within 12m of a Transpower NZ Ltd electricity transmission line pole or tower must not:
 - (a) create an unstable batter that will affect a transmission support structure; or
 - (b) result in a reduction in the ground to conductor clearance distances as required by NZECP34:2001.

E26.7.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.7.7. Assessment – restricted discretionary activities

E26.7.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all restricted discretionary activities:
 - (a) the matters set out in E26.5.7.1(2);
 - (b) the nature, form and extent of proposed works;
 - (c) the degree of geological modification;
 - (d) the need for, or purpose of, the proposed works;
 - (e) alternative methods and locations;
 - (f) protection or enhancement of the feature; and
 - (g) effects on Mana Whenua values.

E26.7.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
- (2) the relevant assessment criteria in E26.5.7.2(2);
- (3) whether the nature, form and extent of the proposed works or activity adversely affects the feature or features for which the item was scheduled;
- (4) whether the activity will interfere with natural processes e.g. hydrology or adverse effects on nature and form of sand dunes;
- (5) whether the proposed works or activity cause adverse visual effects or adversely affect landscape values;
- (6) the degree to which the feature or features have already been modified so that further modification will not cause significant additional loss of geological value;
- (7) the extent to which the proposed works will protect the feature from further damage, such as erosion protection, or remediate it from previous damage. This excludes potential damage from the activity for which consent is sought;

- (8) whether the proposed land disturbance is for an activity which has a functional or operational need to be in the location proposed; and
- (9) the objectives and policies in D10 Outstanding Natural Features Overlay and Outstanding Natural Landscapes Overlay.

E26.7.8. Special information requirements

- (1) An application for an activity must be accompanied by:
 - (a) a site plan showing location of the Outstanding Natural Feature and the location of the proposed activity.

E26.8. Network utilities and electricity generation – Historic Heritage Overlay

E26.8.1. Objectives

The objectives for this sub-section are located in D17 Historic Heritage Overlay.

E26.8.2. Policies

The policies for this sub-section are located in D17 Historic Heritage Overlay.

E26.8.3. Activity table

Table E26.8.3.1 Activity table specifies the activity status of land use and development activities in the D17 Historic Heritage Overlay pursuant to section 9(3) of the Resource Management Act 1991:

- these rules apply to network utilities and electricity generation facilities within the Historic Heritage Overlay;
- these rules do not cover demolition, partial demolition or relocation of Scheduled Historic Heritage structures. If the activity affects the primary feature of a scheduled historic heritage place, the rules of D17 Historic Heritage Overlay apply. For the avoidance of doubt, the identification of primary features is provided for in D17 Historic Heritage Overlay.
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table; and
- In respect of network utilities, and electricity generation activities within this overlay, also refer to:
 - Table E26.3.3.1 Activity table – Network utilities and electricity generation and vegetation management; and
 - Table E26.6.3.1 Activity table earthworks in overlay areas except Outstanding Natural Features Overlay.

Table E26.8.3.1 Activity table - Network utilities and electricity generation – Historic Heritage Overlay

Activity		Activity status
Network utilities and electricity generation facilities		
(A128)	Operation, maintenance, renewal and repair of network utilities and electricity generation facilities	P
(A129)	Minor infrastructure upgrading	P
(A130)	Minor upgrading of road network utilities	P
(A131)	Minor utility structure	P
(A132)	Service connections	P
(A133)	Antennas and aerials	P
(A134)	Distribution substations that meet Standard E26.2.5.1(2)	RD
(A135)	Small and community scale electricity generation facilities	RD

(A136)	Road network activities comprising road lighting and associated support structures	P
(A137)	Road network activities comprising traffic operation and safety signs, direction signs and road name signs	P
(A138)	Road network activities comprising traffic operational signals and associated cabinets, equipment and support structures, traffic monitoring equipment and support structures	P
(A139)	Temporary buildings, structures and signs	P
(A140)	Network utilities and electricity generation facilities that do not comply with permitted activity standards in E26.8.5.1	RD
(A141)	Network utilities and electricity generation facilities not otherwise provided for	D

E26.8.4. Notification

Refer to D17.5 for notification.

E26.8.5. Standards

All activities listed as permitted in Table E26.8.3.1 Activity table must comply with the following permitted activity standards.

E26.8.5.1. Permitted activity standards

- (1) Where the scheduled historic heritage place affected by the proposed works is subject to additional archaeological controls (refer Schedule 14 Historic Heritage Schedule, Statements and Maps), the proposed works must not result in any earthworks
- (2) Operation, maintenance, renewal and repair of network utilities and electricity generation facilities not result in the removal of any tree or other planting identified in Schedule 14.1 Schedule of Historic Heritage.
- (3) Minor infrastructure upgrading must:
 - (h) not increase the size or alter the existing location of the existing footprint;
 - (i) not result in the removal of any tree or other planting identified in Schedule 14.1 Schedule of Historic Heritage; and
 - (j) must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (4) Minor upgrading of road network activities must:
 - (a) only occur within the legal road or the formation width of the road;

- (b) not increase the size or alter the location of the existing footprint and any replacement of existing buildings and structures is to be within the same location of the existing building or structure, and will not result in any increase to the height or bulk of the existing building or structure; and
 - (c) not result in the removal of any tree or other planting identified in Schedule 14.1 Schedule of Historic Heritage.
- (5) Road network activities involving the renewal or minor upgrading of road pavement (excluding footpaths), bridges, retaining walls and tunnels, within 20m of any building or structure included in the Schedule 14.1 Schedule of Historic Heritage, a vibration management plan must be prepared by a suitably qualified and experienced person to establish that vibration levels will meet Rule E25.6.31 Vibration. The Plan must include the information set out in E26.8.8 and be provided to the Council no less than 5 days prior to the works commencing.
- (6) Minor utility structures must:
 - (a) not be affixed or attached to a primary feature of a historic heritage place (other than if it is a noted exclusion in Schedule 14.1 Schedule of Historic Heritage) or a contributing property or feature in a historic heritage area;
 - (b) not exceed a maximum height of 0.9m and a maximum area of 0.5m²; and
 - (c) not result in the removal of any tree or other planting identified in Schedule 14.1 Schedule of Historic Heritage
- (7) Service connections must be not affixed or attached to a primary feature of a historic heritage place (other than if it is a noted exclusion in Schedule 14.1 Schedule of Historic Heritage) or a contributing property or feature in a historic heritage area.
- (8) Antennas and aerials must:
 - (a) not be affixed or attached to a primary feature of a historic heritage place (other than if it is a noted exclusion in Schedule 14.1 Schedule of Historic Heritage) or a contributing property or feature in a historic heritage area; and
 - (b) not have a cross sectional dimension greater than 300mm
- (9) Road network activities comprising traffic operation and safety signs, direction signs and road name signs must:
 - (a) not be affixed or attached to a primary feature of a historic heritage place (other than if it is a noted exclusion in Schedule 14.1 Schedule

of Historic Heritage) or a contributing property or feature in a historic heritage area;

(b) be co-located on an existing (non-heritage) structure; and

(c) where co-location is not possible, there shall be no more than one sign and support structure for regulatory control within any single road frontage within any individual scheduled historic heritage extent of place

(10) Temporary buildings, structures and signs must:

(a) not be affixed or attached to a primary feature of a historic heritage place (other than if it is a noted exclusion in Schedule 14.1 Schedule of Historic Heritage) or a contributing property or feature in a historic heritage area; and

(b) not be in place longer than either:

(i) the maximum duration of the temporary activity, where the building or structure is ancillary to a temporary activity; or

(ii) 21 consecutive days in any 60 day period.

E26.8.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.8.7. Assessment – restricted discretionary activities

E26.8.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

(1) all restricted discretionary activities:

(a) effects on the known heritage values of a historic heritage place from the scale, location, design, (including materials), duration and extent of the proposal, the construction methodology and associated site works;

(b) effects on the heritage and Mana Whenua values;

(c) effects on the setting of the historic heritage place, and on the inter-relationship between buildings, structures and features within the place;

(d) effects of the proposal on the overall significance of the place;

(e) effects on the inter-relationship between contributing places within a historic heritage area, including the views to, within or from the place or area;

- (f) the purpose and necessity for the works and any alternatives considered;
- (g) effects of the proposal on the long term viability and/or the ongoing functional use of the place;
- (h) the mitigation of effects; and
- (i) the functional or operation need for any infrastructure in the location proposed.

E26.8.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
 - (a) whether the proposed works will result in adverse effects (including cumulative adverse effects) on the heritage values of the place and the extent to which adverse effects are avoided, remedied or mitigated;
 - (b) whether the proposed works will maintain or enhance the heritage values of the place;
 - (c) whether the proposed works will compromise the ability to interpret features within the place and the relationship of the place to other scheduled historic heritage places;
 - (d) whether the proposed works, including the cumulative effects of proposed works, will result in adverse effects on the overall significance of the place such that it no longer meets the significance thresholds for which it was scheduled;
 - (e) the extent to which the activity, building or structure will impact on Mana Whenua values;
 - (f) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure.

E26.8.8. Special information requirements

- (1) The vibration management plan must include a description of the following:
 - (b) a description of the area affected by the works;
 - (c) a contact name and number of the works supervisor who can be contacted if any issues arise;

- (d) a description of the works and its duration, anticipated equipment to be used and the processes to be undertaken; and
- (e) a methodology for monitoring the proposed works to measure compliance with DIN 4150-3 (1999): Structural vibration – Part 3 Effects of vibration on structures in relation to the scheduled historic heritage building or structure.

E26.9. Network utilities and electricity generation – Special Character Areas Overlay – Residential and Business

E26.9.1. Objectives

The objectives for this sub-section are located in D18 Special Character Areas Overlay – Residential and Business.

E26.9.2. Policies

The policies for this sub-section are located in D18 Special Character Areas Overlay – Residential and Business.

E26.9.3. Activity table

Table E26.9.3.1 Activity table specifies the activity status of land use and development activities in the Special Character Areas Overlay – Residential and Business pursuant to section 9(3) of the Resource Management Act 1991:

- areas in the Special Character Areas Overlay - General may contain a mix of sites zoned residential or business. In such cases, for any site/s in a business zone, the Special Character Areas Overlay - Business rules in Table D18.4.2 Activity table will apply and for any site/s in a residential zone, the Special Character Areas Overlay - Residential rules in Table D18.4.1 Activity table will apply;
- these rules do not cover total demolition, substantial demolition, relocation or removal of buildings in the Special Character Areas Overlay – Residential and Business. If the activity affects buildings other than accessory buildings in these overlays, the rules of D18 apply;
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table; and
- in respect of network utilities and electricity generation activities within this overlay, also refer to:
 - Table E26.3.3.1 Activity table – Network utilities and electricity generation and vegetation management; and
 - Table E26.6.3.1 Activity table - earthworks in overlay areas except Outstanding Natural Features Overlay

Table E26.9.3.1 Activity table - Network utilities and electricity generation – Special Character Areas Overlay – Residential and Business

Activity		Special Character Areas Overlay - Residential Activity status	Special Character Areas Overlay - Business Activity status
Network utilities and electricity generation facilities			
(A142)	Operation, maintenance, renewal and repair of network utilities and	P	P

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	electricity generation facilities		
(A143)	Minor infrastructure upgrading	P	P
(A144)	Minor upgrading of road network utilities	P	P
(A145)	Minor utility structure	P	P
(A146)	Service connections	P	P
(A147)	Antennas and aerials	P	P
(A148)	Distribution substations that meet Standard E26.2.5.1(2)	RD	RD
(A149)	Small and community scale electricity generation facilities	RD	RD
(A150)	Road network activities comprising road lighting and associated support structures	P	P
(A151)	Road network activities comprising traffic operation and safety signs, direction signs and road name signs	P	P
(A152)	Road network activities comprising traffic operational signals and associated cabinets, equipment and support structures, traffic monitoring equipment and support structures	P	P
(A153)	Temporary buildings, structures and signs,	P	P
(A154)	Network utilities and electricity generation facilities that do not comply with permitted activity standards in E26.9.5.1	RD	RD
(A155)	Network utilities and electricity generation facilities not otherwise provided for	D	D

E26.9.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.9.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.9.5. Standards

All activities listed as permitted in Table E26.9.3.1 Activity table must comply with the following permitted activity standards.

E26.9.5.1. Permitted activity standards

- (1) Minor infrastructure upgrading:
 - (g) maximum height no greater than 25m or 10 per cent in addition to the existing height of the structure whichever is the lesser;
 - (h) replacement pole diameter will be no greater than 20 per cent larger than that of the original pole;
 - (i) any new lines attached to existing poles shall be no higher than the maximum height of the existing lines; and
 - (j) must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (2) Minor upgrading of road network activities must comply with the following standards:
 - (a) the alteration, replacement or relocation of ancillary structures for road network activities:
 - (iii) there must be no more than a 10 percent increase in the width, length and/or height of the structure; and
 - (iv) the structure must be located within 2m of the existing alignment or location.
 - (b) any support structure or pole which replaces an existing support structure or pole:
 - (i) must not have a diameter or width that is greater than 20 percent larger than the existing support structure or pole; and
 - (ii) must not have a height greater than 25m or 10 percent in addition to the existing support structure or pole.
 - (c) all activities and works must only occur within the legal road or the formation width of the road.
- (3) Antennas and aerials must:
 - (a) not have a cross sectional dimension greater than 300mm; and
 - (b) must not protrude above the roof line of the part of the building to which they are attached. Where attached to the front facade, the antenna or aerial must be attached so it has a maximum horizontal

projection of 450mm from the face of the building and must be colour matched to the part of the building to which it is attached;

- (c) E26.9.5.1(3)(b) does not apply where the antenna or aerial is not visible when viewed at a height 1.8m above street level from any part of any road which is located within the character overlay.

(4) Temporary buildings, structures and signs must:

(a) not be in place longer than either:

- (i) the maximum duration of the temporary activity, where the building or structure is ancillary to a temporary activity; or
- (ii) 21 consecutive days in any 60 day period.

E26.9.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.9.7. Assessment – restricted discretionary activities

E26.9.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

(1) all restricted discretionary activities:

- (a) effects on the on the special character values and context of the areas as identified in the special character area statements;
- (b) effects on the on the special character qualities, design and architectural features of buildings;
- (c) the scale, location, design, (including materials), duration and extent of the proposal, the construction methodology and associated site works;
- (d) the purpose and necessity for the works and any alternatives considered;
- (e) the mitigation of effects; and
- (f) the functional or operation need for any infrastructure in the location proposed.

E26.9.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

(1) all restricted discretionary activities:

- (a) whether the proposed works will result in adverse effects (including cumulative adverse effects) special characteristics of the streetscape

and area and the extent to which adverse effects are avoided, remedied or mitigated.

- (b) whether the proposed works will maintain or enhance the special character qualities and the design and architectural features of buildings.
- (c) whether design or location alternatives have been considered to minimise the adverse effects on the special characteristics of the streetscape, area or building
- (d) whether the location and design of any attachments minimises effects on the building through the use of appropriate colour, design, form and location on the building
- (e) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure.

E26.9.8. Special information requirements

There are no special information requirements in this sub-section.

E26.10. Network utilities and electricity generation – Sites and Places of Significance to Mana Whenua Overlay

E26.10.1. Objectives

The objectives for this sub-section are located in D21 Sites and Places of Significance to Mana Whenua Overlay.

E26.10.2. Policies

The policies for this sub-section are located in D21 Sites and Places of Significance to Mana Whenua Overlay.

E26.10.3. Activity table

Table E26.10.3.1 Activity table specifies the activity status of land use and development activities in the Sites and Places of Significance to Mana Whenua Overlay pursuant to section 9(3) of the Resource Management Act 1991.

Table E26.10.3.1 Activity table - Network utilities and electricity generation – Sites and Places of Significance to Mana Whenua Overlay

Activity		Activity status
Network utilities and electricity generation facilities		
(A156)	Operation, maintenance, renewal, repair and removal of network utilities and electricity generation facilities	P
(A157)	Minor infrastructure upgrading	P
(A158)	Minor upgrading of road network activities within the legal road or the formation width of the road	P
(A159)	Network utilities and electricity generation facilities that do not comply with permitted activity standards E26.10.5.1	RD
(A160)	Network utilities and electricity generation facilities not otherwise provided for where the site is identified as a site exception in Schedule 12 Sites and Places of Significance to Mana Whenua Schedule	RD
(A161)	Network utilities and electricity generation facilities not otherwise provided for where the site is not identified as a site exception in Schedule 12 Sites and Places of Significance to Mana Whenua Schedule	D

E26.10.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.10.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.10.5. Standards

All activities listed as permitted in Table E26.10.3.1 Activity table must comply with the following permitted activity standards.

E26.10.5.1. Minor infrastructure upgrading

- (1) Minor infrastructure upgrading must not increase the size or alter the existing location of the existing footprint within a site or place of significance and must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (2) Minor upgrading of road network activities must not increase the size or alter the location of the existing footprint within a site or place of significance and any replacement of existing buildings and structures is to be within the same location of the existing building or structure, and will not result in any increase to the height or bulk of the existing building or structure.

E26.10.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.10.7. Assessment – restricted discretionary activities

E26.10.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all restricted discretionary activities:
 - (a) the effects of the proposal on the values and associations of Mana Whenua with the site or place including effects on the context of the local history and whakapapa;
 - (b) the nature, location, design and extent of the proposal;
 - (c) the purpose and necessity for the works and any alternatives considered; or
 - (d) the provisions of any relevant iwi planning document.

E26.10.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
 - (a) Policies D21.3(1) - (3).
 - (b) The extent to which the proposal provides for the relationship of the site or place with Mana Whenua in the context of local history and whakapapa, if appropriate, through:

- (i) the design and location of proposed structures;
 - (ii) landscaping and vegetation including removal and replanting; and
 - (iii) landform and modification;
- (c) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure.

E26.10.8. Special information requirements

There are no special information requirements in this sub-section.

E26.11. Network utilities and electricity generation – Volcanic Viewshafts and Height Sensitive Areas Overlay

E26.11.1. Objectives

The objectives for this sub-section are located in D14 Volcanic Viewshafts and Height Sensitive Areas Overlay.

E26.11.2. Policies

The policies for this sub-section are located in D14 Volcanic Viewshafts and Height Sensitive Areas Overlay.

E26.11.3. Activity table

Table E26.11.3.1 Activity table specifies the activity status of land use and development activities in D14 Volcanic Viewshafts and Height Sensitive Areas Overlay pursuant to section 9(3) of the Resource Management Act 1991:

- these rules apply to network utilities and electricity generation facilities within the Volcanic Viewshafts and Height Sensitive Areas Overlay; and
- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.11.3.1 Activity table - Network utilities and electricity generation – Volcanic Viewshafts and Height Sensitive Areas Overlay

Activity		Activity status		
		Regionally Significant Volcanic Viewshaft	Locally Significant Volcanic Viewshaft	Height Sensitive Area
Network utilities and electricity generation activities that intrude into a scheduled viewshaft				
(A162)	Buildings and structures for network utilities and electricity generation facilities that do not intrude into a scheduled viewshaft	P	P	NA
(A163)	Operation, maintenance, renewal and repair of network utilities and electricity generation facilities and like for like replacement	P	P	P
(A164)	Minor infrastructure upgrading	P	P	P
(A165)	Minor upgrading of road network utilities	P	P	P
(A166)	Minor utility structure	P	P	P
(A167)	Service connections	P	P	P
(A168)	Antennas and aerials	P	P	P
(A169)	Small and community scale electricity generation facilities	RD	RD	RD

(A170)	Road network activities comprising road lighting and associated support structures	P	P	P
(A171)	Road network activities comprising traffic and direction signs and road name signs	P	P	P
(A172)	Road network activities comprising traffic safety and operational signals, traffic information signage and support structures	P	P	P
(A173)	Temporary construction and safety structures	P	P	P
(A174)	Network utilities and electricity generation facilities that do not comply with permitted activity standards E26.11.5.1(1) - (7)	NC	RD	NC
(A175)	Network utilities and electricity generation facilities not otherwise provided for	NC	D	NC

E26.11.4. Notification

- (1) Any application for resource consent for any non-complying activity in Table E26.11.3.1 Activity table must be publicly notified.
- (2) Any application for resource consent for an activity listed in Table E26.11.3.1 Activity table and which is not listed in E26.5(1) above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (3) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.11.5. Standards

All activities listed as permitted in Table E26.11.3.1 Activity table must comply with the following permitted activity standards.

E26.11.5.1. Permitted activity standards

- (1) Height must be measured using the rolling height method.
- (2) Minor infrastructure upgrading:
 - (d) maximum height no greater than 25m or 10 per cent in addition to the existing height of the structure whichever is the lesser;
 - (e) replacement pole diameter will be no greater than 20 per cent larger than that of the original pole;

- (f) any new lines attached to existing poles shall be no higher than the maximum height of the existing lines; and
 - (g) must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (3) Minor upgrading of road network activities must comply with the following standards:
- (a) the alteration, replacement or relocation of ancillary structures for road network activities:
 - (i) there must be no more than a 10 percent increase in the width, length and/or height of the structure; and
 - (ii) the structure must be located within 2m of the existing alignment or location
 - (b) any support structure or pole which replaces an existing support structure or pole:
 - (i) must not have a diameter or width that is greater than 20 percent larger than the existing support structure or pole; and
 - (ii) must not have a height greater than 25m or 10 percent in addition to the existing support structure or pole.
 - (c) all activities and works must only occur within the legal road or the formation width of the road.
- (4) Minor utility structures must not exceed a maximum height of 0.9m and a maximum area of 0.5m²
- (5) Antennas and aerials must not have a cross sectional dimension greater than 300mm
- (6) Temporary construction and safety structures and signs must be removed within 30 days or upon completion of the construction works.
- (7) Road network activities must comply with the following standards:
- (a) maximum height of 25m for road lighting and associated support structures; and
 - (b) maximum height of 5.3m for traffic and direction signs, road name signs, traffic safety and operational signals, traffic information signage and support structures including interactive warning signs, real time information signs, lane control signals, ramp signals, cameras, vehicle identification and occupancy counters.

E26.11.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.11.7. Assessment – restricted discretionary activities

E26.11.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all restricted discretionary activities:
 - (a) effects on the visual integrity of the view of the volcanic maunga from the identified viewing point or line;
 - (b) location, nature, form and extent of proposed works;
 - (c) mana whenua values associated with the maunga; and
 - (d) the functional or operation need for any infrastructure in the location proposed and any alternatives considered to achieve fulfil that need without the intrusion into the viewshaft or exceeding the maximum height limit of a height sensitive area.

E26.11.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
 - (a) having regard to the viewshaft in Appendix 20 Volcanic Viewshafts and Height Sensitive Areas – Values Assessments, whether the nature, form and extent of the building adversely affects the visual integrity of the maunga;
 - (b) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure;
 - (c) whether there are practicable alternatives available that will not intrude, or will minimise the intrusion into the viewshaft or exceedance of the maximum height of a height sensitive area;
 - (d) whether the proposed building will impact on Mana Whenua values associated with the maunga; or
 - (e) the relevant objectives and policies in B4 Natural heritage at B4.3 and in D14 Volcanic Viewshafts and Height Sensitive Areas Overlay.

E26.11.8. Special information requirements

There are no special information requirements in this sub-section.

E26.12. Network utilities and electricity generation – Auckland War Memorial Museum Viewshaft, Local Public Views, Ridgelines Overlays

E26.12.1. Objectives

The objectives for this sub-section are located in D15 Ridgeline Protection Overlay, D16 Local Public Views Overlay and D19 Auckland War Memorial Museum Viewshaft Overlay.

E26.12.2. Policies

The policies for this sub-section are located in D15 Ridgeline Protection Overlay, D16 Local Public Views Overlay and D19 Auckland War Memorial Museum Viewshaft Overlay.

E26.12.3. Activity table

Table E26.12.3.1 Activity table specifies the activity status of land use and development activities in the Ridgeline Protection Overlay, Local Public Views Overlay and Auckland War Memorial Museum Viewshaft Overlay pursuant to section 9(3) of the Resource Management Act 1991:

- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.

Table E26.12.3.1 Activity table - Network utilities and electricity generation – Auckland War Memorial Museum Viewshaft, Local Public Views, Ridgelines Overlays

Activity		Activity status		
Network utilities and electricity generation activities				
		Auckland War Memorial Museum Viewshaft	Local Public Views	Ridgelines
(A176)	Operation, maintenance, renewal and repair of network utilities and electricity generation facilities	P	P	P
(A177)	Minor infrastructure upgrading	P	P	P
(A178)	Minor upgrading of road network utilities	P	P	P
(A179)	Minor utility structure	P	P	P
(A180)	Service connections	P	P	P
(A181)	Antennas and aerials	P	P	P
(A182)	Road network activities comprising road lighting and associated support structures	P	P	P
(A183)	Road network activities comprising traffic and direction signs, road	P	P	P

	name signs			
(A184)	Road network activities comprising traffic signals and support structures	P	P	P
(A185)	Temporary construction and safety structures	P	P	P
(A186)	Small and community scale electricity generation facilities	NC	RD	RD
(A187)	Network utilities and electricity generation facilities that do not comply with permitted activity standards RD* modified ridgelines NC* natural ridgelines	NC	RD	RD* NC*
(A188)	Network utilities and electricity generation facilities not otherwise provided for D* modified ridgelines NC* natural ridgelines	NC	D	D* NC*

E26.12.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.12.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.12.5. Standards

All activities listed as permitted in Table E26.12.3.1 Activity table must comply with the following permitted activity standards.

E26.12.5.1. Permitted activity standards

- (1) Height must be measured using the rolling height method.
- (2) Minor infrastructure upgrading in the Auckland War Memorial Museum Viewshaft Overlay and Natural Ridgelines Overlays must:
 - (a) not increase the size or alter the existing location of the existing footprint; and
 - (b) must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).

- (3) Minor infrastructure upgrading in the Local Public Views and Modified Ridgelines Overlays:
- (a) maximum height no greater than 25m or 10 per cent in addition to the existing height of the structure whichever is the lesser;
 - (b) replacement pole diameter will be no greater than 20 per cent larger than that of the original pole;
 - (c) any new lines attached to existing poles shall be no higher than the maximum height of the existing lines;
 - (d) must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (4) Minor upgrading of road network activities in the Auckland War Memorial Museum Viewshaft Overlay and Natural Ridgelines Overlays must:
- (a) only occur within the legal road or the formation width of the road; and
 - (b) not increase the size or alter the location of the existing footprint and any replacement of existing buildings and structures is to be within the same location of the existing building or structure, and will not result in any increase to the height or bulk of the existing building or structure.
- (5) Minor upgrading of road network activities in the Local Public Views Overlay and Modified Ridgelines Overlays must comply with the following standards:
- (a) the alteration, replacement or relocation of ancillary structures for road network activities:
 - (i) there must be no more than a 10 percent increase in the width, length and/or height of the structure; and
 - (ii) the structure must be located within 2m of the existing alignment or location.
 - (b) any support structure or pole which replaces an existing support structure or pole:
 - (i) must not have a diameter or width that is greater than 20 percent larger than the existing support structure or pole; and
 - (ii) must not have a height greater than 25m or 10 percent in addition to the existing support structure or pole.
 - (c) all activities and works must only occur within the legal road or the formation width of the road.

- (6) Minor utility structures in the Auckland War Memorial Museum Viewshaft and Natural Ridgelines Overlays must not:
 - (a) exceed a maximum height of 0.9m and a maximum area of 0.5m²; and
 - (b) in the Auckland War Memorial Museum Viewshaft Overlay exceed the height limits specified on Figures D19.6.1.1, D19.6.1.2 and D19.6.1.3 within the areas identified on the planning maps to protect views to or from the Auckland War Memorial Museum.
- (7) Antennas and aerials must not:
 - (a) not have a cross sectional dimension greater than 300mm; and
 - (b) in the Auckland War Memorial Museum Viewshaft Overlay exceed the height limits specified on Figures D19.6.1.1, D19.6.1.2 and D19.6.1.3 within the areas identified on the planning maps to protect views to or from the Auckland War Memorial Museum.
- (8) Temporary construction and safety structures and signs must be removed within 30 days or upon completion of the construction works.
- (9) Road network activities must comply with the following standards:
 - (a) maximum height of 25m for road lighting and associated support structures; and
 - (b) maximum height of 5.3m for traffic and direction signs, road name signs, traffic signals and support structures.

E26.12.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.12.7. Assessment – restricted discretionary activities

E26.12.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) restricted discretionary activities in the Local Public Views Overlay:
 - (a) effects on the visual integrity of the view from the identified viewing point;
 - (b) location, nature, form and extent of proposed works;
 - (c) The functional or operation need for any infrastructure in the location proposed and any alternatives considered to fulfil that need without the intrusion into the viewshaft; and
 - (d) the relevant objectives and policies in D16 Local Public Views Overlay.

(2) restricted discretionary activities in the Ridgelines Protection Overlay:

- (a) location, siting and design of buildings;
- (b) effects on landscape values and visual amenity;
- (c) mitigation of effects;
- (d) the functional or operation need for any infrastructure in the location proposed and any alternatives considered; and
- (e) the relevant objectives and policies in D15 Ridgeline Protection Overlay.

E26.12.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

(1) restricted discretionary activities in the Local Public Views Overlay:

- (a) whether the nature, form and extent of the intrusion adversely affects the visual integrity of the viewshaft and its view;
- (b) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure; and
- (c) whether there are practicable alternatives available that will not intrude, or will minimise the intrusion into the viewshaft.

(2) restricted discretionary activities in the Ridgelines Protection Overlay:

- (a) whether the siting, size and height of the building or structure adversely affects the form and integrity of the ridgeline;
- (b) whether the building or structure can be located in a less prominent location;
- (c) whether the building, including its design and materials, will be visually intrusive from a public place;
- (d) whether there are adverse visual effects associated with the building or structure, such as landform modification associated with creating a building platform or access ways, or other servicing requirements;
- (e) the extent to which existing vegetation can be retained and planting can be provided to ensure buildings will integrate with the form of the ridgeline; and

- (f) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure.

E26.12.8. Special information requirements

There are no special information requirements in this sub-section.

E26.13. Network utilities and electricity generation – Outstanding Natural Landscapes Overlay (excluding outstanding natural features) and Outstanding Natural Character and High Natural Character Overlay

E26.13.1. Objectives

The objectives for this sub-section are located in D10 Outstanding Natural Landscapes Overlay and D11 Outstanding Natural Character and High Natural Character Overlay.

E26.13.2. Policies

The policies for this sub-section are located in D10 Outstanding Natural Landscapes Overlay and D11 Outstanding Natural Character and High Natural Character Overlay.

E26.13.3. Activity table

Table E26.13.3.1 Activity table specifies the activity status of land use and development activities in the Outstanding Natural Landscapes Overlay and the Outstanding Natural Character and High Natural Character Overlay outside the coastal marine area (for the rules applying within the coastal marine area, refer to the coastal zone rules) pursuant to section 9(3) of the Resource Management Act 1991:

- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table.
- in respect of network utilities, and electricity generation activities within this overlay, also refer to:
 - Table E26.3.3.1 Activity table – Network utilities and electricity generation and vegetation management; and
 - Table E26.6.3.1 Activity table - earthworks in overlay areas except Outstanding Natural Features Overlay

Table E26.13.3.1 Activity table - Network utilities and electricity generation – Outstanding Natural Landscapes Overlay (excluding outstanding natural features) and Outstanding Natural Character and High Natural Character Overlay

Activity		Activity status		
Network utilities and electricity generation activities				
		High Natural Character	Outstanding Natural Landscape areas	Outstanding Natural Character
(A189)	Operation, maintenance, renewal and repair of network utilities and electricity generation facilities	P	P	P
(A190)	Underground network utilities	P	P	P
(A191)	Buildings and structures for network utilities and electricity	P	P	P

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	generation facilities			
(A192)	Buildings and structures for network utilities and electricity generation facilities that do not comply with permitted activity standards E26.13.5.2	RD	RD	NC
(A193)	Network utilities within an existing building	P	P	P
(A194)	Minor infrastructure upgrading	P	P	P
(A195)	Service connections	P	P	P
(A196)	Antennas and aerials with a cross-sectional dimension that does not exceed 300mm	P	P	P
(A197)	Minor upgrading of road network utilities	P	P	P
(A198)	Road lighting and associated support structures	P	P	RD
(A199)	Traffic operation and safety signs, direction signs, road name signs	P	P	P
(A200)	Traffic operational signals and associated cabinets, equipment and support structures, traffic monitoring equipment and support structures	P	P	RD
(A201)	Temporary buildings, structures and signs	P	P	P
(A202)	Network utilities and electricity generation facilities that do not comply with permitted activity standards in E26.13.5.1	RD	RD	NC
(A203)	Network utilities and electricity generation facilities not otherwise provided for	D	D	NC

E26.13.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.13.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.13.5. Standards

All activities listed as permitted in Table E26.13.3.1 Activity table must comply with the following permitted activity standards.

E26.13.5.1. Minor infrastructure upgrading

- (1) Minor infrastructure upgrading must not increase the size or alter the existing location of the existing footprint and must otherwise be in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (2) Minor upgrading of road network activities must not increase the size or alter the location of the existing footprint and any replacement of existing buildings and structures is to be within the same location of the existing building or structure, and will not result in any increase to the height or bulk of the existing building or structure.

E26.13.5.2. Buildings and structures for network utilities and electricity generation facilities

- (1) The gross floor area shall not exceed 50m² in high natural character and outstanding natural landscapes and 25m² in outstanding natural character areas.
- (2) The maximum height shall not exceed 5m. This rule does not apply to temporary activities, road lighting, traffic and direction signs, road name signs, traffic safety and operational signals, traffic monitoring equipment, or the support structures for these activities.
- (3) The exterior finish of the building or structure has a reflectance value of, or less than, 30 per cent and within Groups A, B or C as defined within the BS5252 standard colour palette. This rule does not apply to temporary activities, traffic and direction signs, road name signs, traffic safety and operational signals, aerials operated by a network utility operator and associated fixtures, galvanised steel poles, and GPS antennas.

E26.13.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.13.7. Assessment – restricted discretionary activities

E26.13.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (1) all restricted discretionary activities:
 - (a) effects on the characteristics and qualities that contribute to the natural character and/or landscape values of the area;

- (b) the setback from mean high water springs;
- (c) architectural elements and design, including height, bulk, colour, reflectivity and materials;
- (d) the cumulative effects of subdivision, use and development;
- (e) landscape, visual and amenity effects;
- (f) Mana Whenua values;
- (g) the mitigation of effects;
- (h) the functional or operation need for any infrastructure in the location proposed.

E26.13.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
 - (a) whether there are practicable alternative locations for the activity, building or structure outside of the overlay area;
 - (b) whether, taking into account the characteristics and qualities of the site, the activity, building or structure is located within an area that has the greatest potential to absorb change and minimise adverse effects on the landscape and/or natural character values;
 - (c) whether the proposed mitigation measures will ensure that there will be no more than minor effects on all of the following:
 - (i) amenity values or views, both from land and sea;
 - (ii) landscape and natural character values; and
 - (iii) people's experience and values associated with an area, including the predominance of nature and wilderness values.
 - (d) whether the siting of the activity, building or structure adversely affects the line and form of the landscape with particular regard to ridgelines, headlands and promontories.
 - (e) whether the activity, building or structure will be visually obtrusive from any public road or public place, including from beaches and the sea;
 - (f) the extent to which the location, scale, height, design, external appearance and overall form of the building or structure is appropriate to the rural and coastal context, and the colours and material used for

roofs, walls and windows is of low reflectivity and merges with the surrounding landscape;

- (g) whether the activity, building or structure will result in adverse cumulative effects, having regard to other activities, buildings or use and development.
- (h) the extent to which the activity, building or structure will impact on Mana Whenua values; or
- (i) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure.

E26.13.8. Special information requirements

There are no special information requirements in this sub-section.

E26.14. Network utilities and electricity generation – Outstanding Natural Features Overlay (excluding outstanding natural landscapes)

E26.14.1. Objectives

The objectives for this sub-section are located in D10 Outstanding Natural Features Overlay.

E26.14.2. Policies

The policies for this sub-section are located in D10 Outstanding Natural Features Overlay.

E26.14.3. Activity table

Table E26.14.3.1 Activity table specifies the activity status of land use and development activities in the Outstanding Natural Features Overlay above MHWS (for the rules applying to those overlays in the coastal marine area, refer to the coastal zone rules) pursuant to section 9(3) of the Resource Management Act 1991:

- network utilities include road network activities within the legal road and its formation width, unless otherwise stated in the activity table;
- for a description of the features and feature codes refer to Section D10 Outstanding Natural Features Overlay;
- in respect of network utilities, and electricity generation activities within this overlay, also refer to
 - Table E26.3.3.1 Activity table – Network utilities and electricity generation and vegetation management; and
 - Table E26.7.3.1 Network utilities and electricity generation – Earthworks in Outstanding Natural Features Overlay.

Table E26.14.3.1 Activity table - Network utilities and electricity generation – Outstanding Natural Features Overlay (excluding outstanding natural landscapes)

Activity		Feature Code from Table D10.4.1 for activity tables applying to outstanding natural features									
		A1	A	V1	V2	B	C	D	E	F1	F2
(A204)	Operation, maintenance, renewal and repair of network utilities and electricity generation facilities	P	P	P	P	P	P	P	P	P	P
(A205)	Service connections	P	P	RD	RD	RD	RD	RD	RD	RD	RD
(A206)	Minor utility structures P* within the legal road or the formation width of the road	P	P	RD P*	RD P*	RD	RD	RD	RD	RD	RD
(A207)	Minor infrastructure upgrading	P	P	RD	RD	RD	RD	RD	RD	RD	RD

	P* within the legal road or the formation width of the road			P*	P*						
(A208)	Minor upgrading of road network activities within the legal road or the formation width of the road	P	P	P	RD						
(A209)	Pipe and cable bridges for the conveyance of water, wastewater, stormwater, electricity, gas and telecommunications	P	P	RD							
(A210)	Network utilities and electricity generation facilities that do not comply with permitted activity standards E26.14.5.1	RD	RD	RD	RD	NC	NC	RD	NC	NC	NC
(A211)	Network utilities and electricity generation facilities not otherwise provided for	P	RD	RD	RD	NC	NC	RD	NC	NC	NC

E26.14.4. Notification

- (1) Any application for resource consent for an activity listed in Table E26.14.3.1 Activity table above will be subject to the normal tests for notification under the relevant sections of the Resource Management Act 1991.
- (2) When deciding who is an affected person in relation to any activity for the purposes of section 95E of the Resource Management Act 1991 the Council will give specific consideration to those persons listed in Rule C1.13(4).

E26.14.5. Standards

All activities listed as permitted in Table E26.14.3.1 Activity table must comply with the following permitted activity standards.

E26.14.5.1. Permitted activity standards

- (1) Minor infrastructure upgrading must not increase the size or alter the existing location of the existing footprint within a site or place of significance and is otherwise in accordance with the permitted activity standards for minor infrastructure upgrading in E26.2.5.3(1).
- (2) Minor upgrading of road network activities must not increase the size or alter the location of the existing footprint and any replacement of existing buildings and structures is to be within the same location of the existing building or structure, and will not result in any increase to the height or bulk of the existing building or structure.

- (3) Network utilities and electricity generation facilities not otherwise provided for must comply with the relevant permitted activity standards in E26.2.5

E26.14.6. Assessment – controlled activities

There are no controlled activities in this sub-section.

E26.14.7. Assessment – restricted discretionary activities

E26.14.7.1. Matters of discretion

The Council will reserve its discretion to all of the following matters when assessing a restricted discretionary resource consent application:

- (4) all restricted discretionary activities:
- (a) the nature, form and extent of proposed works;
 - (b) the degree of existing geological modification;
 - (c) the necessity of the works to provide for the functional and operational needs of infrastructure;
 - (d) alternative methods and locations;
 - (e) protection or enhancement of the feature; and
 - (f) effects on Mana Whenua values.

E26.14.7.2. Assessment criteria

The Council will consider the relevant assessment criteria below for restricted discretionary activities:

- (1) all restricted discretionary activities:
- (a) the extent to which the nature, form and extent of the proposed use or development adversely affects the criteria or values for which the feature was scheduled taking into account all of the following;
 - (i) whether the use or development will result in increased erosion, of the feature;
 - (ii) whether the use or development will result in increased compaction or erosion of the feature, or changes to the vegetation will adversely affect the values for which the feature is scheduled;
 - (iii) whether the use or development will result in ground disturbance or earthworks that will affect the values for which the feature is scheduled; and
 - (iv) whether the use or development will interfere with natural processes associated with the feature.

- (b) the extent to which the proposed use or development will cause adverse visual effects, or adversely affect landscape values associated with the feature;
- (c) the extent to which the proposed use or development will cause any significant loss of geological value of a feature, taking into account the extent a feature has already been modified and whether further modification will cumulatively result in a significant loss of geological value;
- (d) the extent to which modification of a feature is necessary to provide for the proposed use or development and the proposed structure has a functional or operational need to be in the location proposed;
- (e) whether there are alternative methods and locations available to undertake the use or development that will not affect a scheduled feature;
- (f) the extent to which the proposed works will protect the feature from damage, such as providing for erosion protection, or remediate previous damage, excluding any damage resulting from the use or development itself;
- (g) the extent to which the proposed use or development will adversely affect Mana Whenua values;
- (h) the extent to which the use and development is necessary to provide for, or improve, the resilience and security of the infrastructure network having regard to the objectives and policies in Section E26 Infrastructure.

E26.14.8. Special information requirements

- (1) An application for an activity must be accompanied by:
 - (a) a site plan showing location of the outstanding natural feature and the location of the proposed activity.