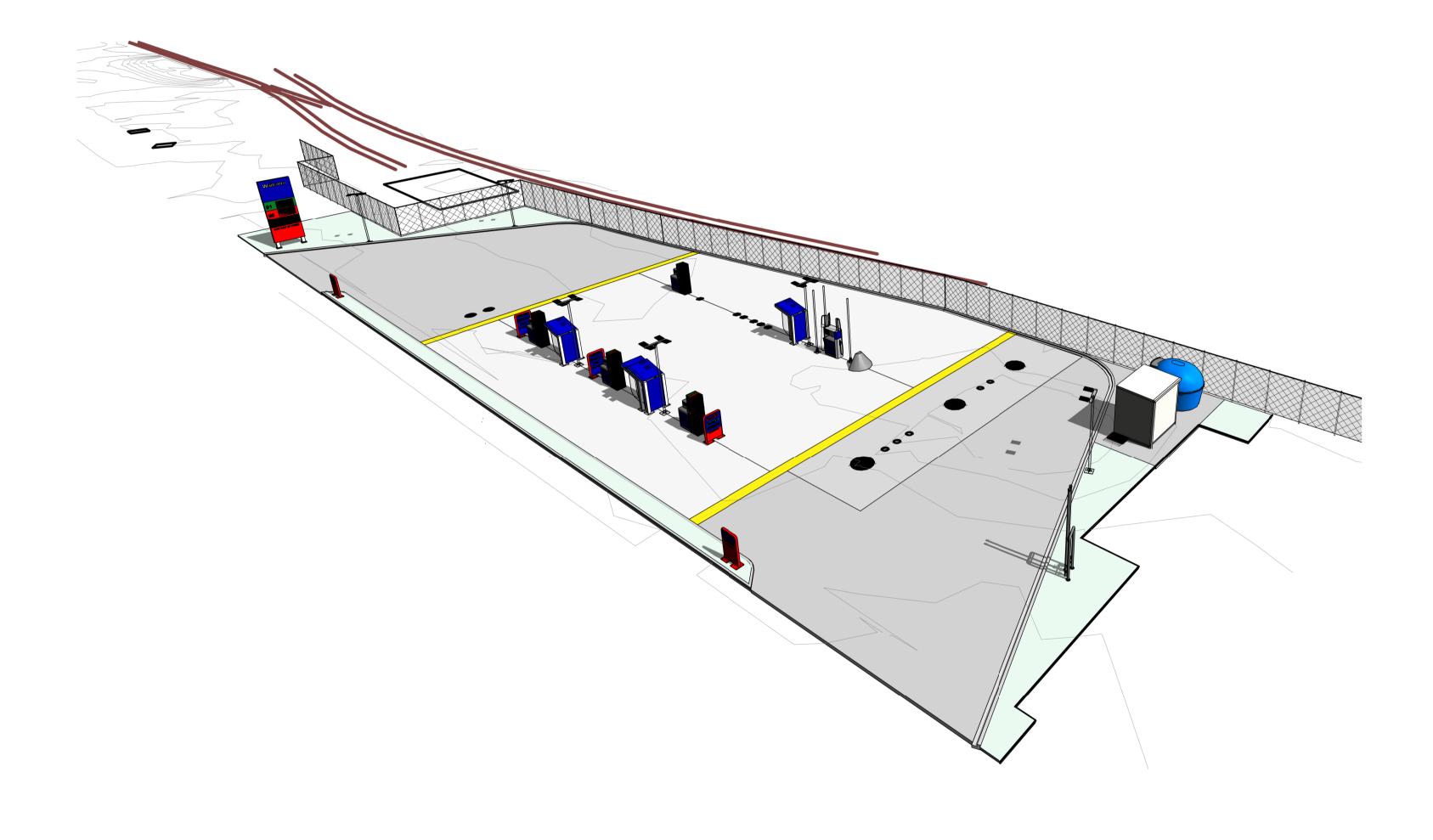
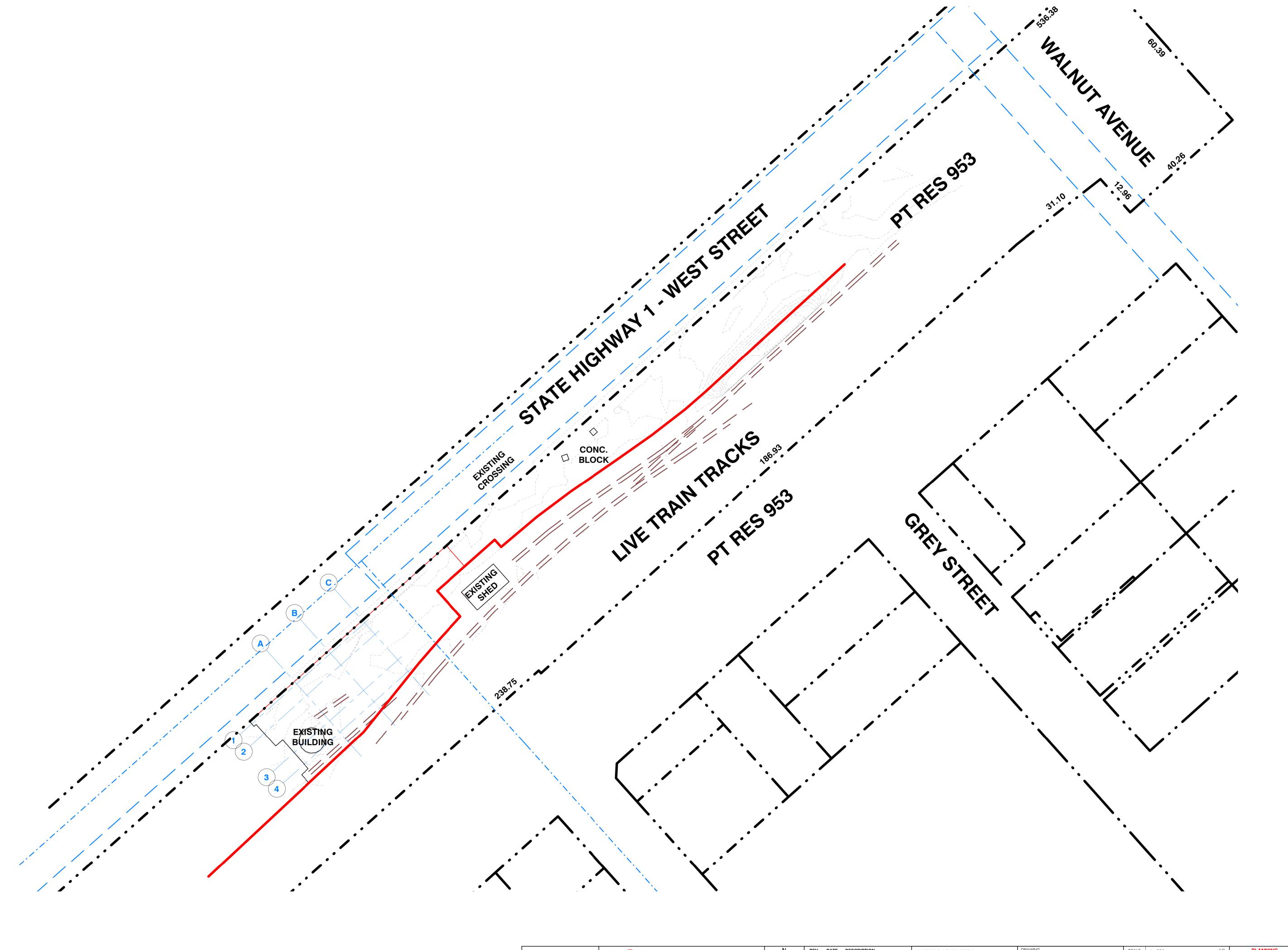


WAITOMO ASHBURTON WEST STREET (SH1), ASHBURTON

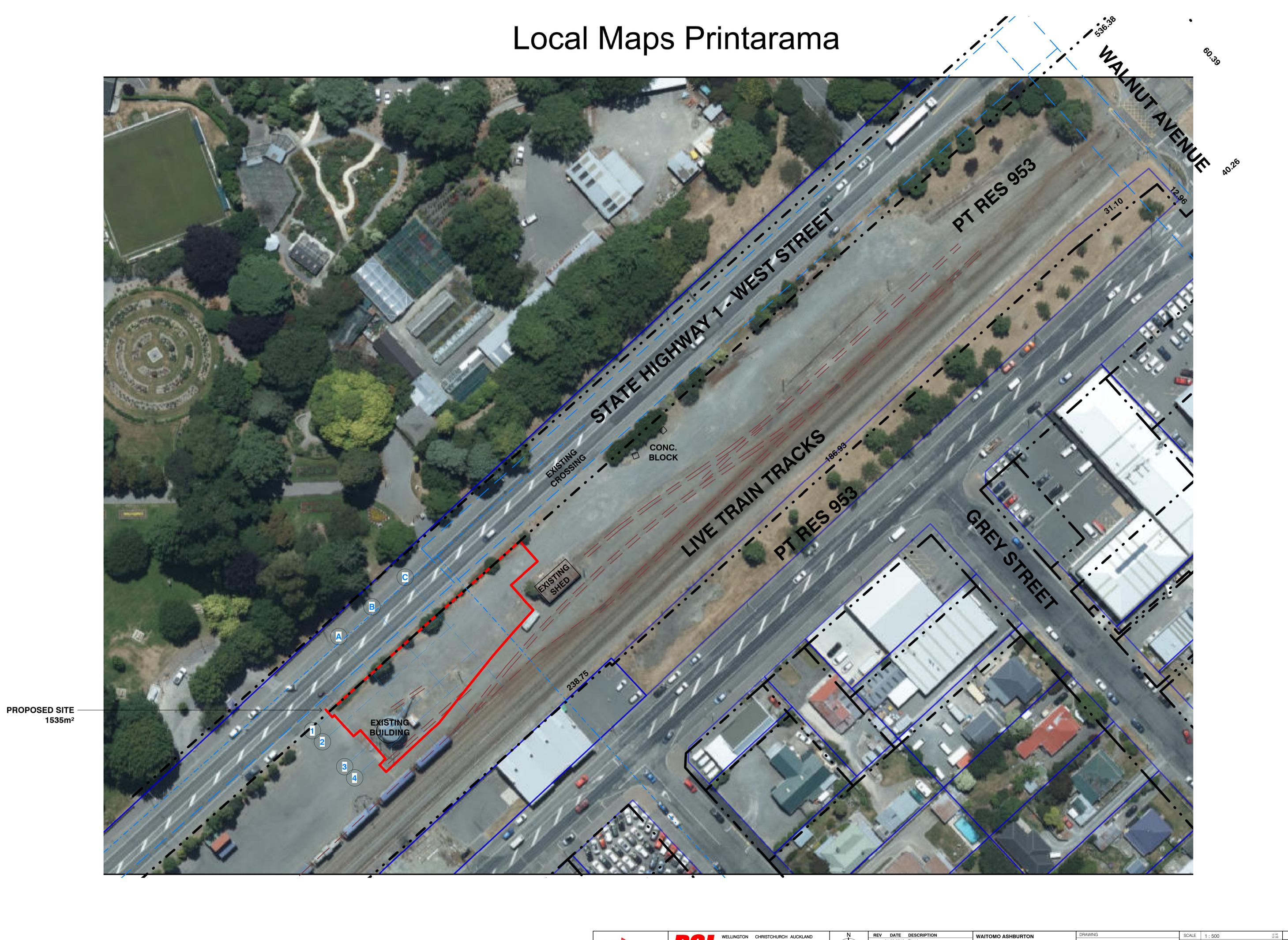
DRAWING LIST

DWG NO DWG NAME		Rev.	DATE
000 CO	VER & LEGENDS		
000-01	SHEET LIST	G	15.09.2021
100 FXI	STING SITE		
110-01	EXISTING SITE PLAN	-	19.10.2020
110-04	DEMOLITION SITE PLAN	A	19.10.2020
200 GA		ı	
210-01	LOCATION PLAN	G	30.07.2021
210-02	PROPOSED PLAN	Н	15.09.2021
210-03	SETOUT PLAN	-	15.09.2021
210-04	PAVEMENT SURFACES	-	15.09.2021
210-05	TANKER PATH	G	15.09.2021
210-07	EARTHWORKS PLAN	-	15.09.2021
210-08	LANDSCAPE PLAN	-	15.09.2021
250-01	ELEVATION SHEET 01	-	15.09.2021
600 HSI	NO		
610-01	SITE PLAN	-	15.09.2021
640-01	DETAIL SHEET 01	-	15.09.2021









DATE 19.10.2020

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WEST STREET (SH1), ASHBURTON

100 EXISTING SITE

DEMOLITION SITE PLAN







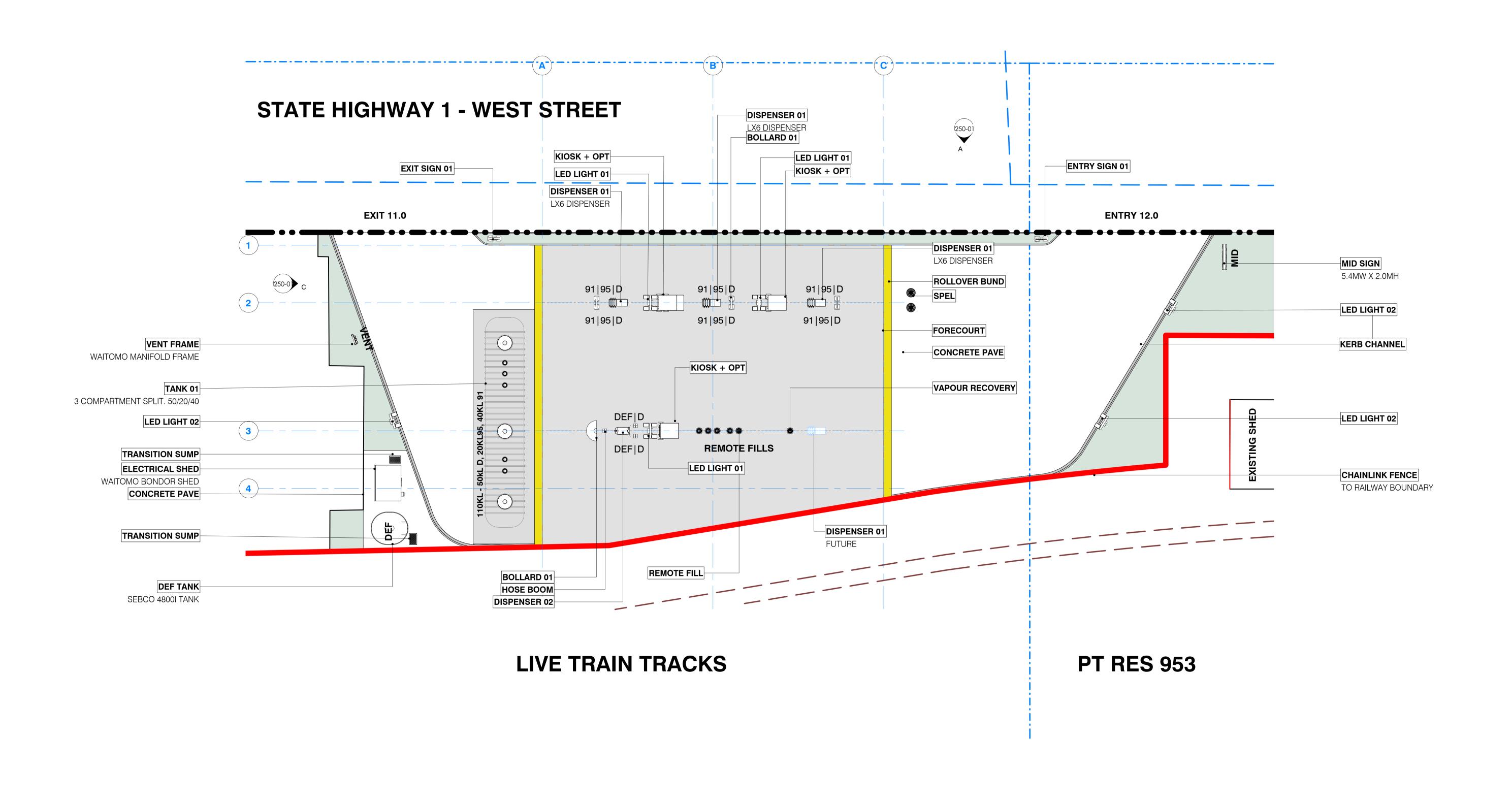


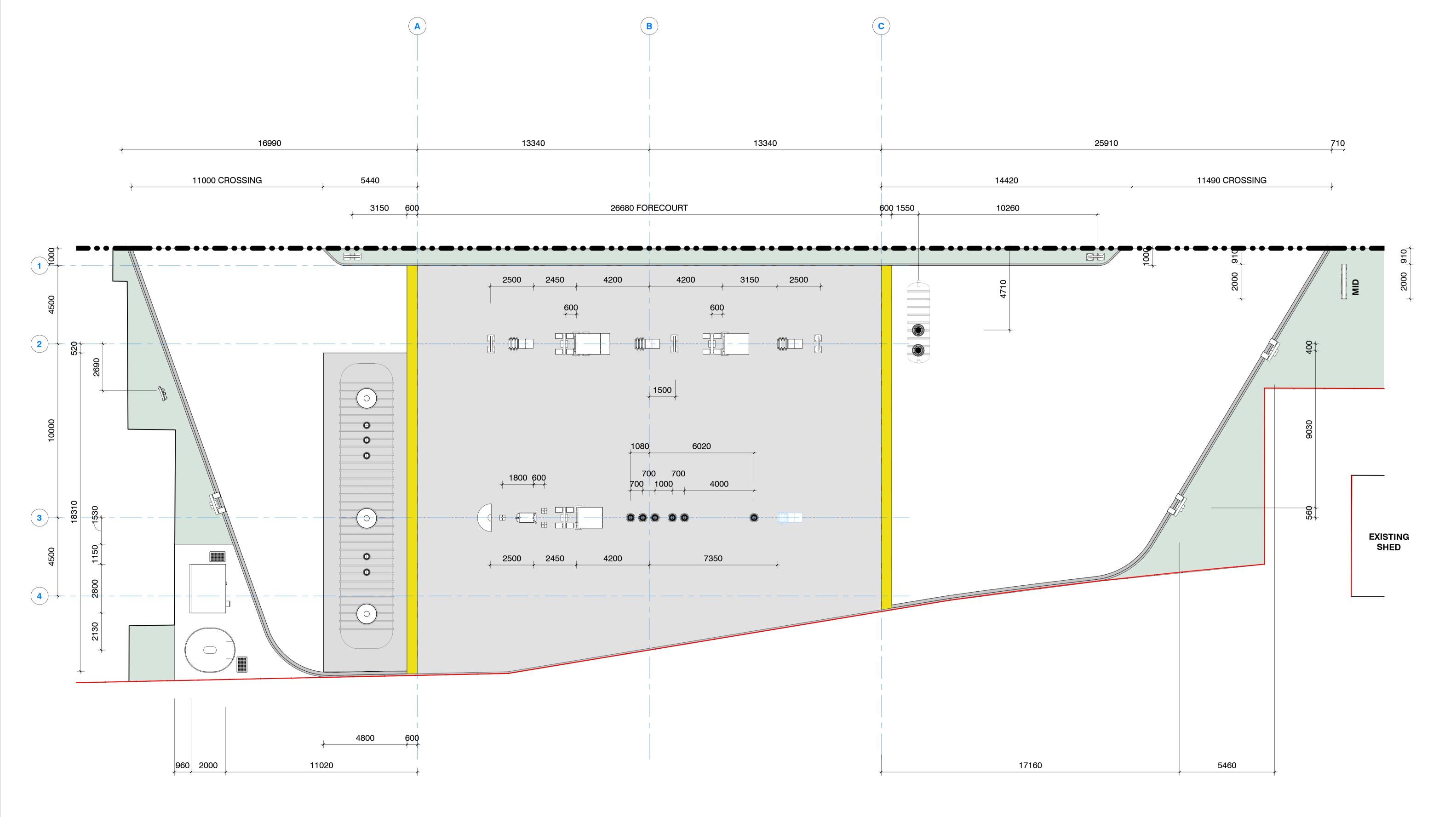


19.10.2020 Update post Topo

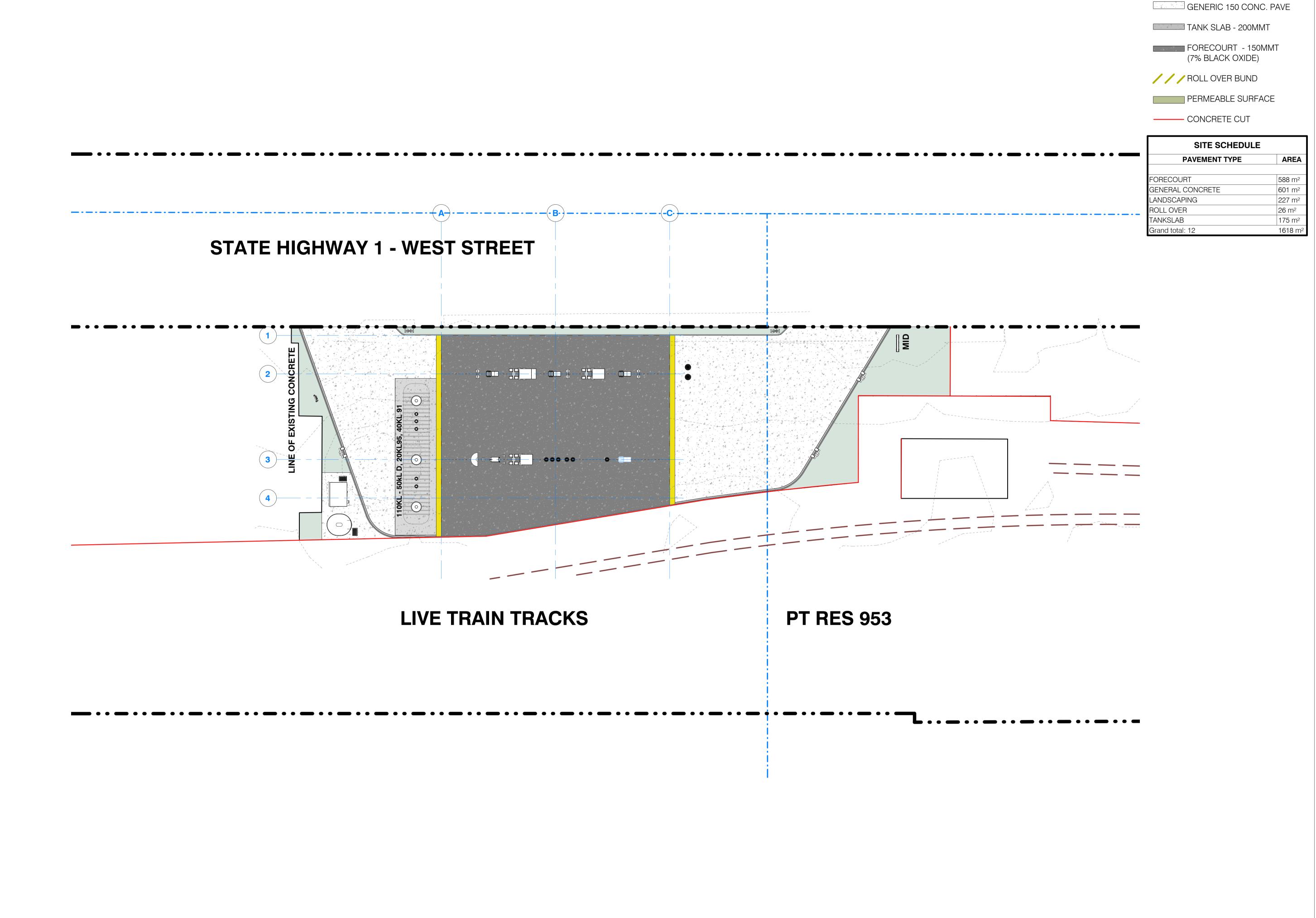
WAITOMO ASHBURTON WEST STREET (SH1), ASHBURTON 200 GA PLANS LOCATION PLAN

DATE 30.07.2021 PROJECT NO. DRW NO. REV. DRAWN SHAUN 210-01 G CHECK SHAUN

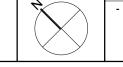




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TE DESCRIPTION

WAITOMO ASHBURTON

WEST STREET (SH1), ASHBURTON

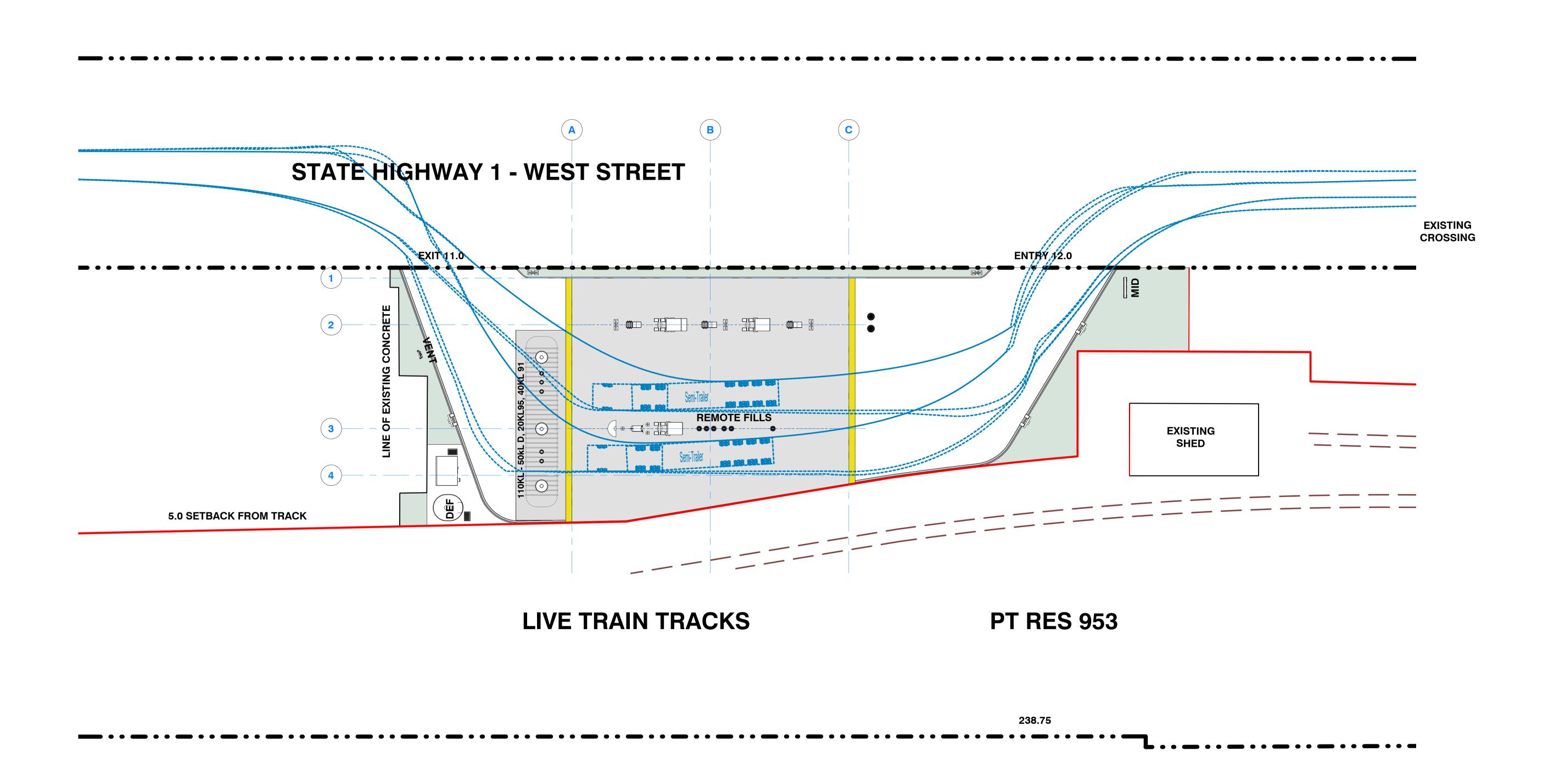
200 GA PLANS
PAVEMENT SURFACES

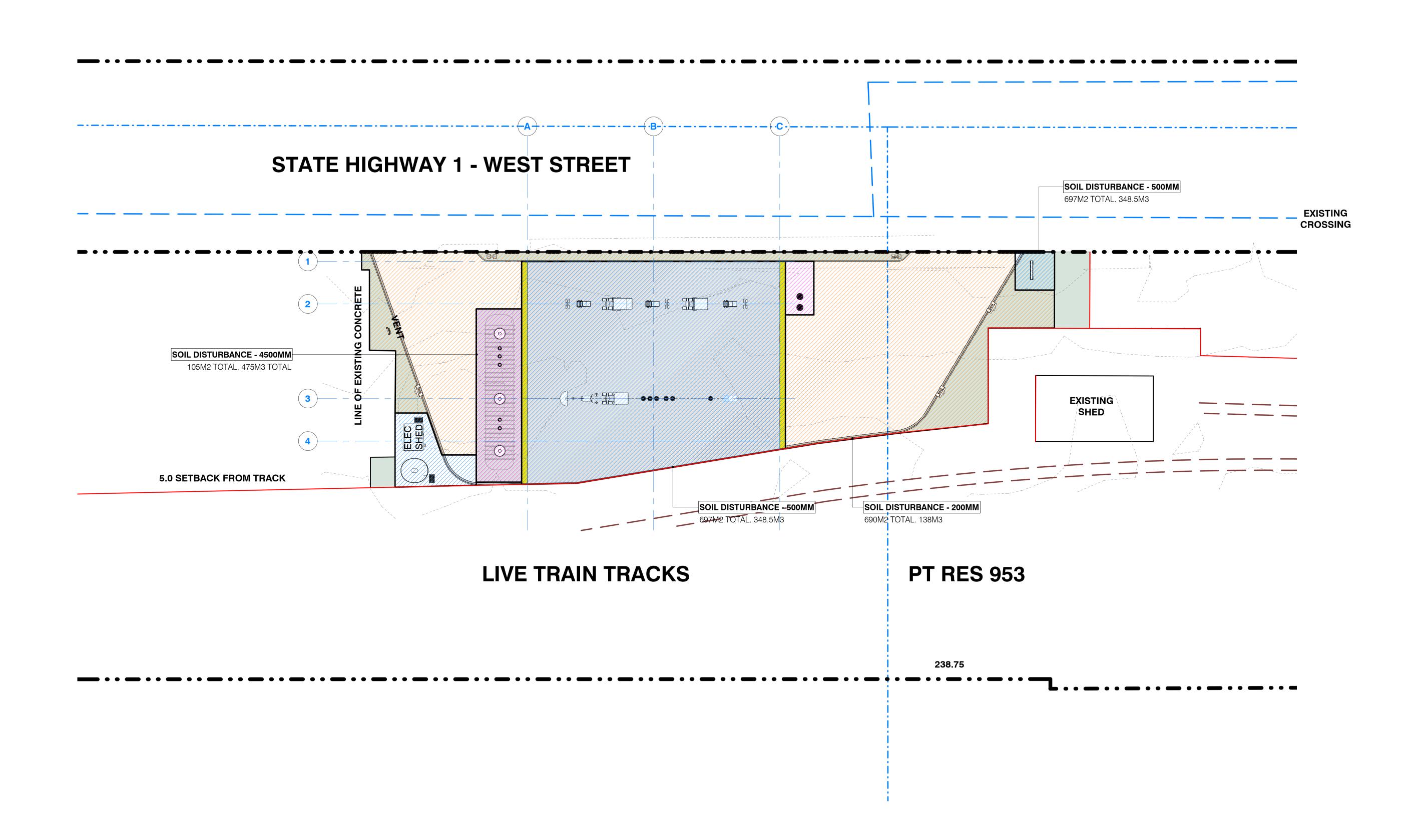
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 DRW NO.
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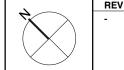
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PAVEMENT LEGEND









PESCRIPTION
WAITOMO ASHBURTON
WEST STREET (SH1), ASHBURTON

200 GA PLANS EARTHWORKS PLAN

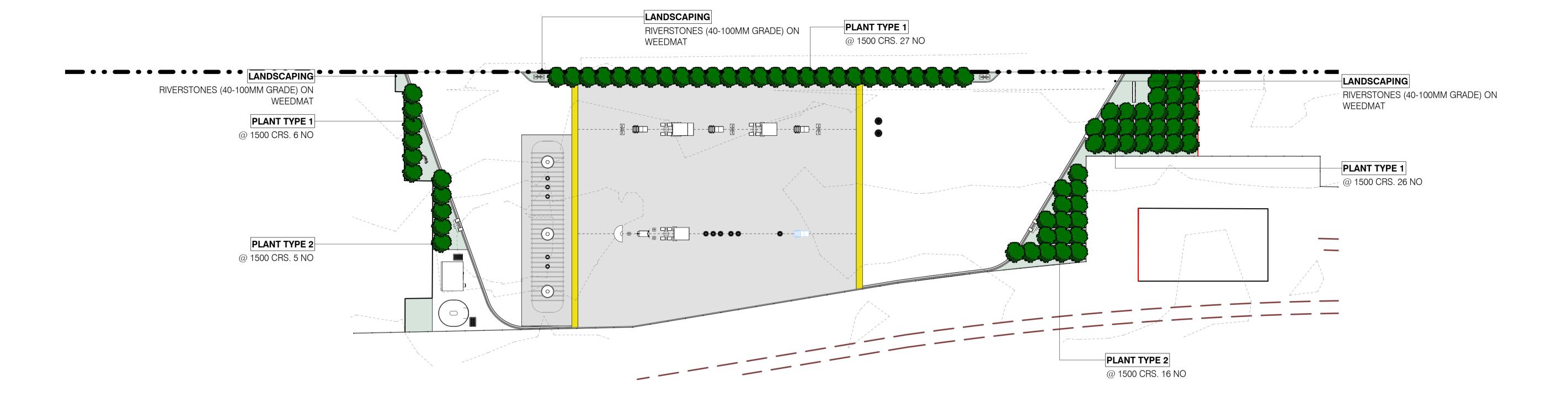
DATE 15.09.2021

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PROJECT NO. DRW NO. REV.

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ALL AREA TO PLANT SHALL BE ENTIRELY FREE OF GRASS, PLANT PESTS AND NUISANCE WEED SPECIES. IF HERBICIDE ERADICATION IS REQUIRED THE CONTRACTOR SHALL SUFFICIENTLY SPRAY TO AREA TO REMOVE ALL TREES OVER 2M HEIGHT SHALL BE STAKED VERTICALLY WITH TWO STAKES. TIE TREES AT 2/3 THE SUCH AND NOTIFY THE PROJECT MANAGER OF THE JOB. A REGISTERED SPRAYING CONTRACTOR SHALL BE ONSITE AND CONTROLLING THE SPRAYING OPERATIONS AT ALL TIMES. THEY SHALL BE A REGISTERED CHEMICAL APPLICATOR WITH A CURRENT A AND B CERTIFICATES, OR GROWSAFE EQUIVALENT, SPRAYING ACTIVITIES SHALL MEET THE REQUIREMENTS OF THE CONTROLLING AUTHORITY. HERBICIDE GENERAL: APPLY USING PROTECTIVE CLOTHING, IN DRY, STILL-AIR CONDITIONS TO THE SPRAY MANUFACTURERS REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REINSTATING ANY DAMAGE CAUSED BY DRIFT OF SPRAY.

GARDEN BED PREPARATION

WHERE EXISTING TOPSOIL IS OF SUFFICIENT DEPTH AND QUALITY, CULTIVATE TO AN EVEN DEPTH OF 300MM TO PRODUCT A FINE TILTH AND AN EVEN SURFACE. WHERE TOPSOIL IS OF A SUBSTANDARD QUALITY OR IS NON-EXISTENT, IMPORT AND PLACE FIRST CLASS TOPSOIL TO A DEPTH OF 300MM. FINISHED LEVELS SHALL ALLOW FOR 100MM (THAT INCLUDED FOR 75MM FOR MULCH + 25MM SO FINISHED LEVEL SITS BELOW SURROUNDING HARD SURFACES). FORMED SUBGRADE SHALL NOT HOLD WATER. SIX MONTHS.

PLANTING

ALL PLANTS SHALL BE HEALTHY AND WITH NO EVIDENCE OF DECLINE OR DAMAGE E.G. DEAD, DYING, OR DISEASE. PLANTING ARE TO BE THOROUGHLY WATERED PRIOR TO PLANTING. THE PLANTING HOLE SHALL BE AVERAGE, WITHIN THE SPECIFIED MAINTENANCE PERIOD. THE FREQUENCY OF VISITS WILL CHANGE TWICE THE SIZE OF THE ROOT BALL WIDTH AND TWICE THE ROOT BALL DEPTH. PLANTING HOLES SHALL BE LOOSENED FOR AT LEAST 75MM EACH SIDE OF AND UNDER THE PLANT PRIOR TO PLANTING.

FERTILISER

AGPRO CONTROLLED RELEASE FERTILISER TABLETS OR APPROVEaD EQUIVALENT MUST BE PLACED CLOSE BUT NOT IN CONTACT WITH THE ROOTS IN THE BOTTOM OF THE PLANTING HOLE.1 TABLET PER ROOT TRAINER OR PB3, 2 TABLETS FOR PB5, 3 TABLETS FOR PLANTS LARGER THAN PB5.

HEIGHT OF THE MAIN STEM LEAVING ENOUGH PLAY FOR A SMALL AMOUNT OF NATURAL MOVEMENT. ALL STAKES SHALL BE ROUGH SAWN, FREE FROM KNOTS AND WEAKNESSES. SIZE/LENGTH 50MM X 50MM, LENGTH TO SUIT TREE SIZE., H4 TREATED TIMBER. TIES SHALL BE 40MM WIDE FLEXIBLE RUBBER TIES, OR OTHER SUCH MATERIAL THAT NOT CAUSE ABRASION TO THE TREE.

WATERING

EACH PLANT SHALL BE THOROUGHLY WATERED AFTER PLANTING, ENSURING THAT THE MOISTURE HAS PENETRATED TO THE FULL DEPTH OF THE ROOTBALL.

WEEDMAT

CONTRACTOR SHALL USE A FABRIC SPUN BONDED 80GSM WEEDMAT, SUCH AS 'WEED SAFE PRO''. ENSURE ALL WEEDS HAVE BEEN ERADICATED BEFORE INSTALLING. WEEDMAT SHALL BE PLACED ON ALL GARDEN BEDS. PLACED RIGHT TO GARDEN EDGES AND SECURED AS PER MANUFACTURES REQUIREMENTS.

MAINTENANCE:

FOLLOWING THE DATE OF ISSUE OF THE PRACTICAL COMPLETION CERTIFICATE, THE MAINTENANCE PERIOD SHALL BE 12 MONTHS FOR ALL GRASSED, MULCHED AND PLANTED AREAS. THE CONTRACTOR SHALL ALLOW FOR A MINIMUM OF 12 MAINTENANCE VISITS; BEING ONE VISIT EVERY 4 WEEKS ON RELATIVE TO SEASONAL DEMAND OF WEED CONTROL WITHIN THE MAINTENANCE PERIOD.

WORKS SHALL INCLUDE

MANUAL WATERING; WATERING BY WATER TRUCK OR BY HAND UTILISING AN ONSITE SUPPLY PROVIDED BY THE DEVELOPER. VISITS SHALL BE SUFFICIENT TO ENSURE THE SUCCESS OF THE PLANTS OVER THE ESTABLISHMENT PERIOD.

WEED CONTROL: TO KEEP PLANTED AREAS WEED FREE, WEED ERADICATION SHALL COMPLY WITH THE SPRAYING REQUIREMENTS OF THIS SPECIFICATION

MAINTENANCE OF BARK MULCH: TO BE MAINTAINED AT A DEPTH OF 75MM.

MAINTENANCE OF GRASS AREA: WITHIN TWO MONTHS OF SOWING THE GRASS SHALL BE EVENLY DISTRIBUTED ACROSS THE LAWN WITH AT LEAST 95% OF THE GROUND SURFACE COVERED WITH NO BARE PATCHES GREATER THAN 30MM IN DIAMETER.

CONTROL OF PESTS AND DISEASES, REMOVAL OF LITTER, CHECKING OF STAKES AND TIES, TRIMMING, PRUNING OR MOWING AND OTHER ACCEPTED HORTICULTURAL OPERATIONS NECESSARY TO ENSURE NORMAL AND HEALTHY LANDSCAPE ESTABLISHMENT AND GROWTH.

REPLACEMENT OF PLANTS: AN INSPECTION WILL BE HELD THREE WEEKS PRIOR TO THE END OF THE MAINTENANCE PERIOD. ALL PLANTS DEEMED BY THE PROJECT MANAGER/ARCHITECT AS DEAD, DEFECTIVE OR UNHEALTHY ARE TO BE REMOVED AND REPLACEMENTS SUPPLIED AND PLANTED AT THE CONTRACTOR'S EXPENSE, WITHIN THREE WEEKS OF THE INSPECTION DATE. WHERE IT IS IDENTIFIED THAT DEATH IS DUE TO CONTRACTORS SPRAYING OF HERBICIDE. REPLACEMENT WILL BE AT CONTRACTOR'S EXPENSE.

ESTABLISHMENT RATES REQUIRED AT THE END OF THE MAINTENANCE PERIOD ARE 100% FOR ALL TREES (PB95, PB150) AND 95% FOR SMALLER GRADE PLANTS (RT, PB3, PB5, PB6.5).

PLANTS DAMAGED BY WILFUL VANDALISM OR LOST BY THEFT SHALL BE REPLACED AT THE EXPENSE OF WAITOMO. ALL REPLACEMENT PLANTS SHALL BE TO THE SAME GRADE ORIGINALLY PLANTED, AND BE THE SAME SPECIES AND POSITION AS THE REMOVED PLANT, UNLESS OTHERWISE STATED. REPLACEMENT PLANTS SHALL BE MAINTAINED

PLANTING LEGEND



PLANT TYPE 1 LOMANDRA TANIKA 0.65M HIGH X 0.6M WIDE



PLANT TYPE 2 HEBE 'WIRI MIST' 1M HIGH X 1M WIDE







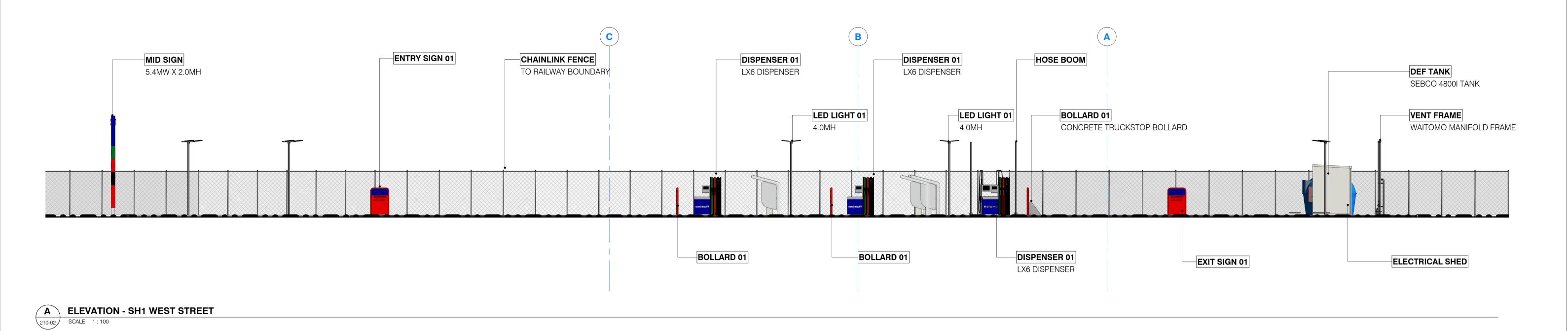


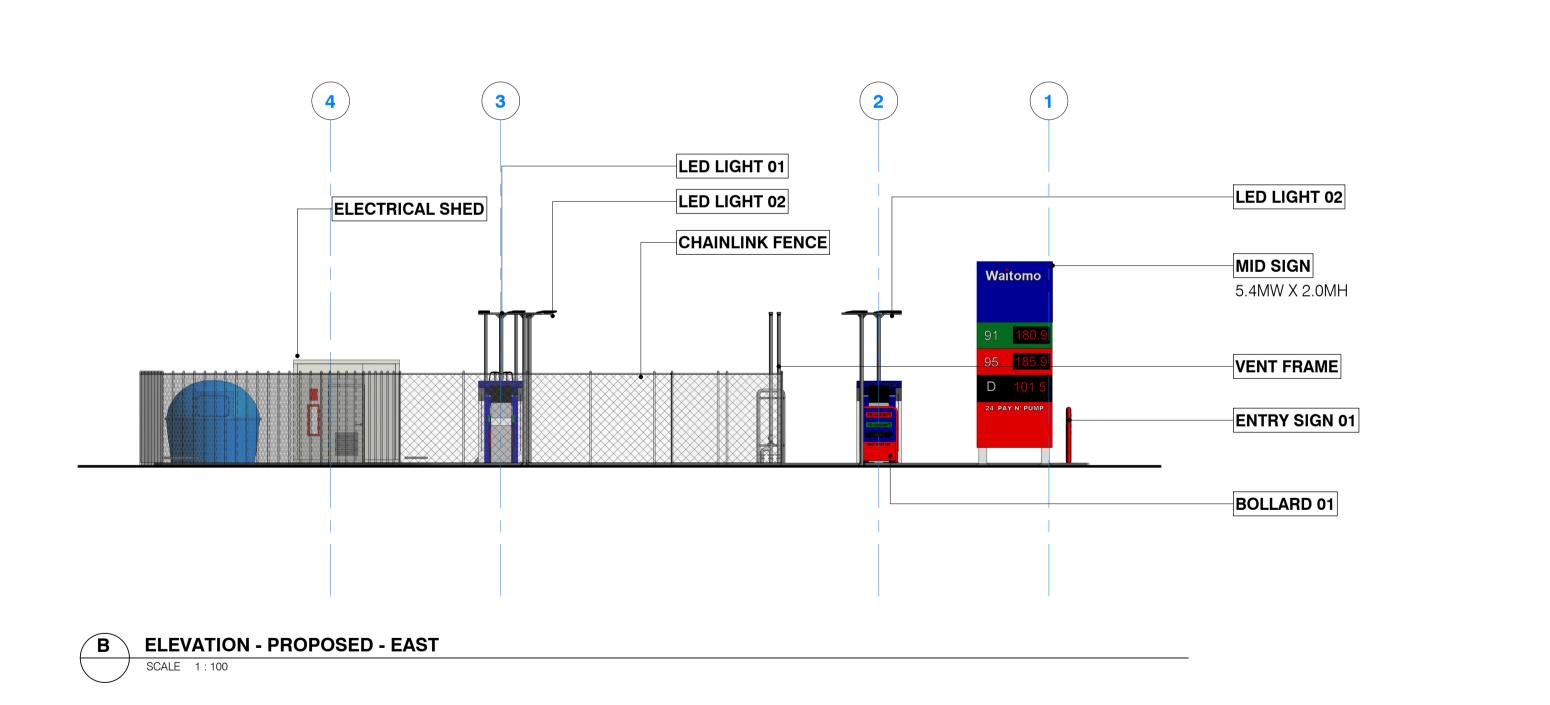


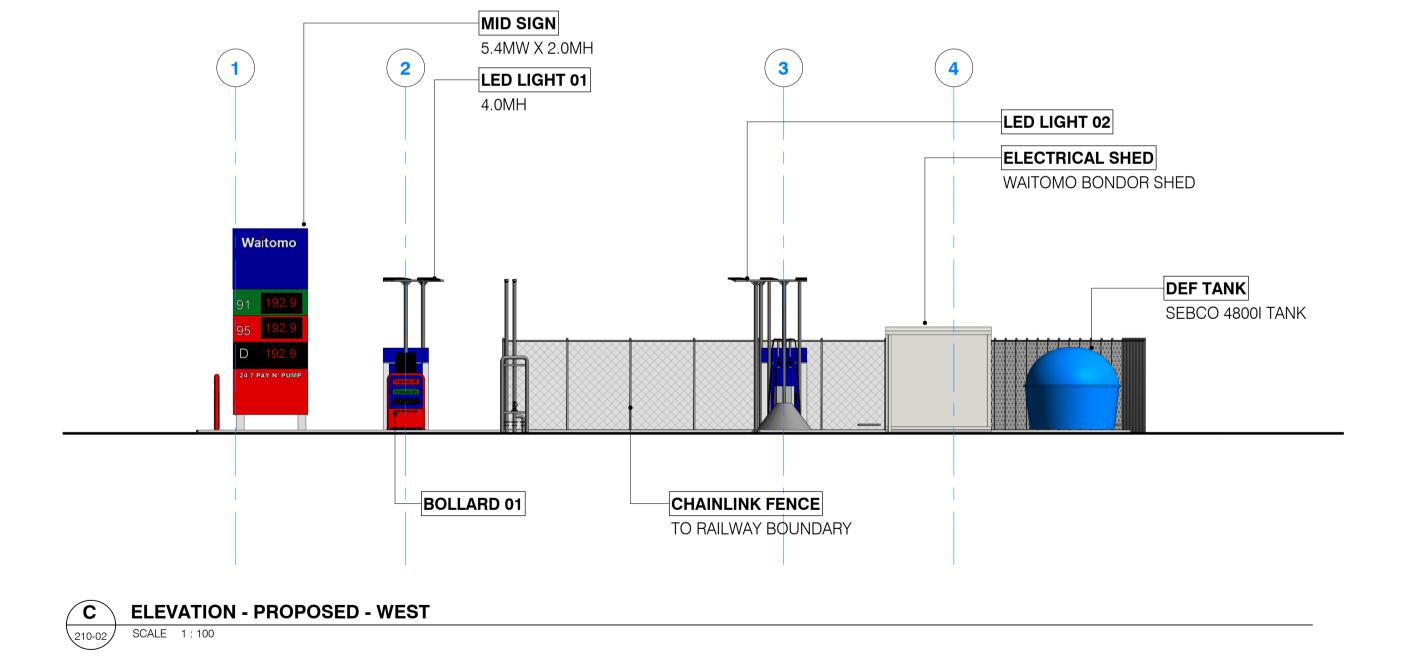
REV DATE DESCRIPTION **WAITOMO ASHBURTON** WEST STREET (SH1), ASHBURTON

200 GA PLANS LANDSCAPE PLAN

PLANNING DATE 15.09.2021 PROJECT NO. DRW NO. REV. DRAWN SHAUN 210-08 CHECK SHAUN





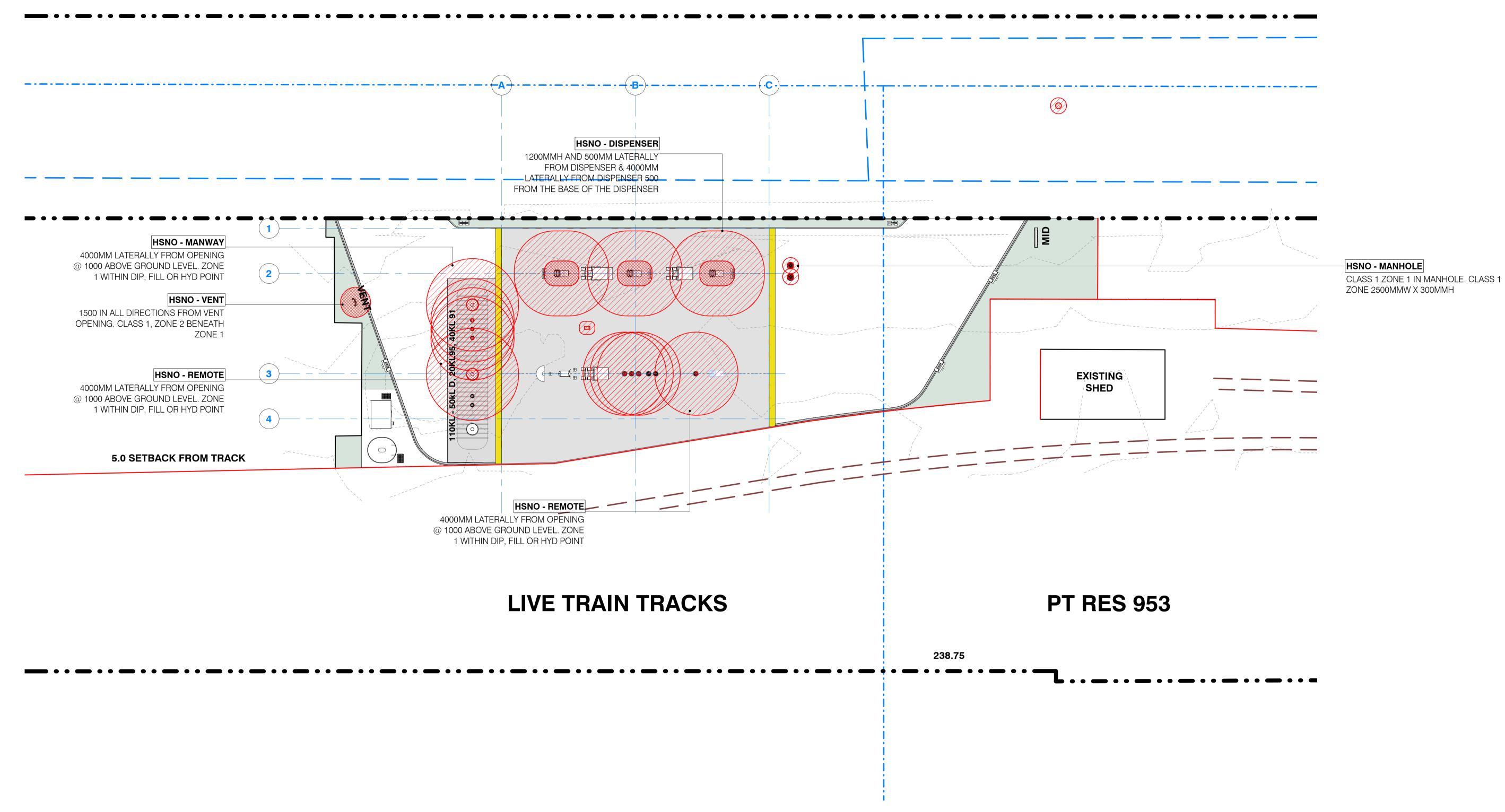


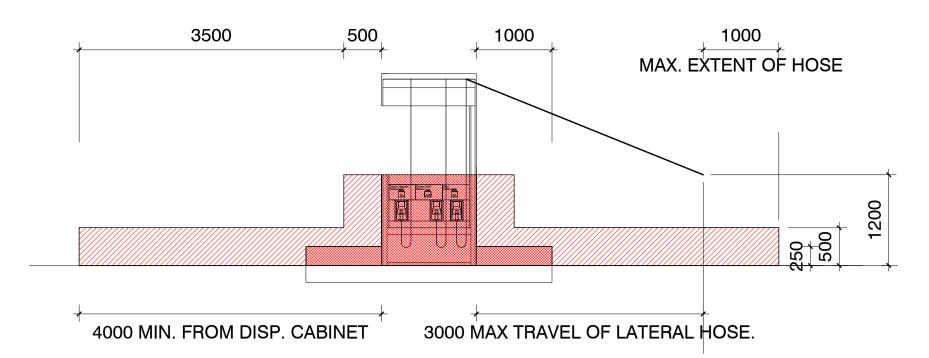
PLANNING

PROJECT NO. DRW NO. REV.

610-01 -

STATE HIGHWAY 1 - WEST STREET







HAZNO AREA - PETROL DISPENSER1

SCALE 1:50

ZONE CLASSIFICATION: AS/NZS 60079 (2009)

EXTERIOR OF PETROL DISPENSING UNITS IN ADEQUATELY VENTILATED LOCATIONS.

ZONE 1:

A) WITHIN 0.05M ABOVE AND 0.1M BELOW THE DISPENSER NOZZLE SPOUT HOUSING AND EXTENDING 0.1M LATERALLY FROM THE DISPENSER HOUSING.

B) FOR DISPENSERS MOUNTED AT OR NEAR GROUND LEVEL, THE AREA WITHIN THE SPACE 0.25M ABOVE THE BASE OF THE DISPENSING EQUIPMENT AND EXTENDING 1.0M IN ALL DIRECTIONS HORIZONTALLY FROM THE DISPENSING UNIT.

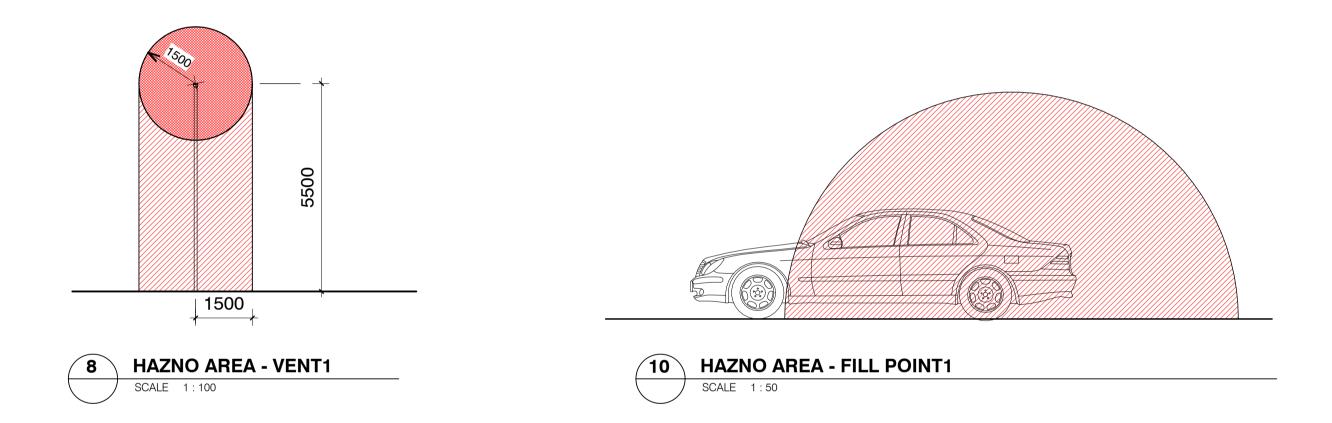
ZONE 2:

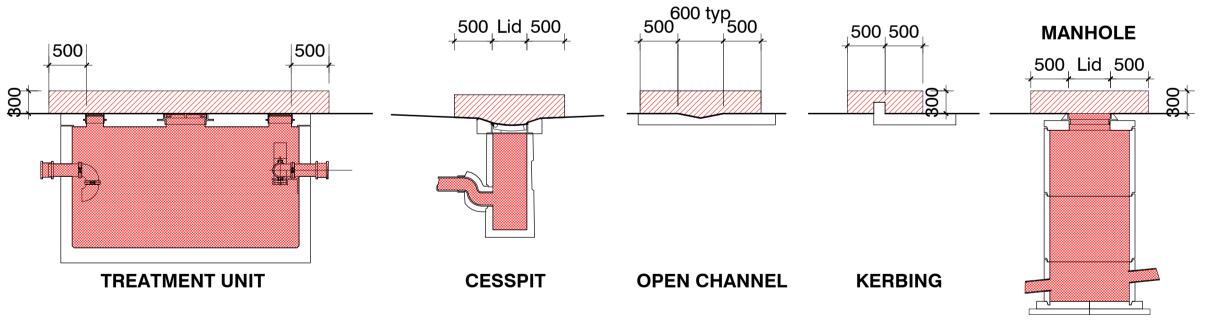
C) WITHIN THE SPACE 0.5M LATERALLY OF THE DISPENSING EQUIPMENT TO A HEIGHT OF 1.2M ABOVE THE BASE OF THE DISPENSER.

D) WITHIN THE SPACE 0.5M ABOVE THE DRIVEWAY OR GROUND LEVEL AND EXTENDING 4.0M IN ALL DIRECTIONS HORIZONTALLY FROM THE DISPENSING UNIT OR 1.0M FROM THE HOSE NOZZLE, WHICHEVER IS THE GREATER.

NOTE

THE DISTANCE OF 1.0M SPECIFIED IN D) IS TAKEN FROM THE END OF THE HOSE NOZZLE HEAD AT A HEIGHT OF 1.2M, AT ITS MAXIMUM LATERAL DISTANCE OF TRAVEL FROM THE DISPENSER UNIT IN ANY DIRECTION.





7

HAZNO AREA - CONTAMINATED SURFACE TREATMENT FIXTURES1

SCALE 1:50

ZONE CLASSIFICATION: AS/NZS 60079 (2009)

WASTE COLLECTION STORAGE VESSELS, DRAINS, SUMPS OR PITS ZONE 1:

A) THE AREA WITHIN COLLECTION DRAINS, SUMPS AND PITS LOCATED ON THE FORECOURT OF THE PETROL DISPENSING AREA.

ZONE 2:

B) THE AREA WITHIN 0.3M VERTICAL AND 0.5M LATERAL FROM OPENINGS OF COLLECTION STORAGE VESSEL, DRAINS, SUMPS OR PITS.

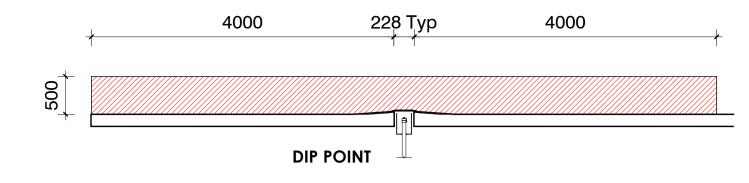
ZONE 1:

C) INTERIOR OF COLLECTION STORAGE VESSEL

INTERPRETATION:
THE ABOVE ZONING ALSO APPLIES TO ALL
CONTAMINATED STORMWATER
CONTAINMENT/TREATMENT FEATURES. THIS
INCLUDES AREAS WITHIN A WASTEWATER
TREATMENT UNIT AS WELL AS ALL PIPING
LEADING TO IT. THE DISTANCE OF 0.5M SPECIFIED
IN B) IS TAKEN FROM THE EDGE OF OPENINGS
(EG: RIM OF MANHOLE LID, CESSPIT LID) OR 0.5M
BEYOND THE EDGES OF CONTAINED SURFACE
FLOWS (EG: OPEN CHANNELS, ACO DRAINS,
KERBING ETC)

CLASS 1 ZONE 2

CLASS 1 ZONE 1



3 HAZN SCALE

HAZNO AREA - FILL, VENT & VR1

SCALE 1:50

ZONE CLASSIFICATION: AS/NZS 60079 (2009)

FILL, VENT AND OTHER PIPES FOR UNDERGROUND PETROL TANKS

ZONE1:A) WITHIN 1.5M RADIUS IN ALL DIRECTIONS FROM VENT PIPE OUTLET

ZONE 2:

B) WITHIN CYLINDRICAL VOLUME BELOW THE ZONE 1 SPHERICAL VOLUME.

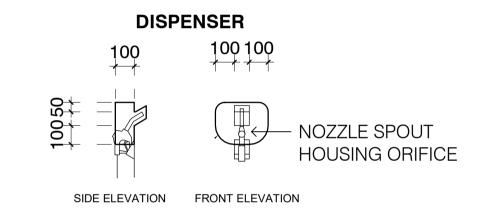
C) WITHIN THE SPACE FROM GROUND LEVEL TO 0.5M ABOVE AND 3.0M LATERALLY FROM ANY

ALLOWANCES SHOULD BE MADE FOR POSSIBLE VARIATIONS IN TANKER POSITIONS.

THE RADIUS OF 1.5M IN A) & B) IS TAKEN FROM THE OUTER EDGE OF THE VENT PIPE. THE

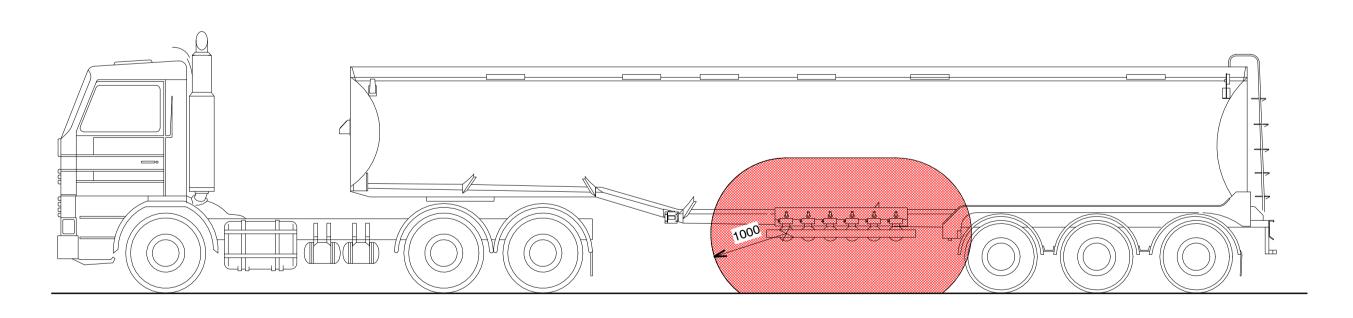
FILL PIPE OR DIP PIPE OPENING

DISTANCE OF 0.5M SPECIFIED & C) IS TAKEN FROM THE EDGE OF OPENINGS (EG; RIM OF DIP OR FILL POINT)





HAZNO AREA - NOZZLE1





HAZNO AREA - SEMI TANKER WITH OR WITHOUT VR1

Rev Date Description SCALE As indicated PLANNING WAITOMO ASHBURTON WELLINGTON CHRISTCHURCH AUCKLAND P.O Box 45 060 P.O Box 17 017 P.O Box 97 310 Waterloo Woolston South Auckland 15.09.2021 RESOURCE CONSENT Waitomo DATE 15.09.2021 600 HSNO WEST STREET (SH1), ASHBURTON PROJECT NO. DRW NO. REV. DETAIL SHEET 01 Lower Hutt DRAWN SHAUN 640-01 -Tel: 04 567 0877 Tel: 03 376 6080 Tel: 09 263 7393 CHECK SHAUN