

TURNOCK ST, KINGSCLIFF

BULK EARTHWORKS HAUL ROAD No. 27307-BE1

SCHEDULE OF DRAWINGS

NUMBER	REV. NO.	TITLE	NUMBER	REV. NO.	TITLE
GENERAL					
27307-BE1-000	A	COVER SHEET	27307-BE1-052	A	SECTIONS SHEET 02
27307-BE1-005	A	PROPOSED HAUL ROAD & FILL SEQUENCING PLAN SHEET 01	27307-BE1-060	A	PERIMETER EARTHWORKS SECTION KEY PLAN
27307-BE1-006	A	PROPOSED HAUL ROAD & FILL SEQUENCING PLAN SHEET 02	27307-BE1-061	A	SECTIONS TURNOCK ST NORTH PERIMETER SHEET 01
EARTHWORKS: EXISTING FEATURES & DEMOLITION					
27307-BE1-020	A	PLAN SHEET 01	27307-BE1-062	A	SECTIONS TURNOCK ST NORTH PERIMETER (Cont.) SHEET 02
27307-BE1-021	A	PLAN SHEET 02	27307-BE1-063	A	SECTIONS TURNOCK ST NORTH PERIMETER (Cont.) SHEET 03
27307-BE1-022	A	PLAN SHEET 03	27307-BE1-064	A	SECTIONS TURNOCK ST NORTH PERIMETER (Cont.) SHEET 04
27307-BE1-023	A	PLAN SHEET 04	27307-BE1-065	A	SECTIONS TURNOCK ST NORTH PERIMETER (Cont.) SHEET 05
EARTHWORKS: TREE PRESERVATION & CLEARING					
27307-BE1-030	A	PLAN SHEET 01	27307-BE1-066	A	SECTIONS TURNOCK ST SOUTH PERIMETER SHEET 01
27307-BE1-031	A	PLAN SHEET 02	27307-BE1-067	A	SECTIONS TURNOCK ST SOUTH PERIMETER (Cont.) SHEET 02
27307-BE1-032	A	PLAN SHEET 03	27307-BE1-068	A	SECTIONS TURNOCK ST SOUTH PERIMETER (Cont.) SHEET 03
27307-BE1-033	A	PLAN SHEET 04	EARTHWORKS: BULK EARTHWORKS CUT FILL		
27307-BE1-040	A	PLAN SHEET 01	27307-BE1-080	A	EARTHWORKS: FINAL SURFACE & SEDIMENT AND EROSION CONTROL PLAN SHEET 01
27307-BE1-041	A	PLAN SHEET 02	27307-BE1-081	A	PLAN SHEET 02
27307-BE1-042	A	PLAN SHEET 03	27307-BE1-082	A	PLAN SHEET 03
27307-BE1-043	A	PLAN SHEET 04	27307-BE1-083	A	PLAN SHEET 04
27307-BE1-044	A	PLAN SHEET 05	27307-BE1-084	A	PLAN SHEET 05
27307-BE1-045	A	PLAN SHEET 06	27307-BE1-085	A	PLAN SHEET 06
27307-BE1-046	A	PLAN SHEET 07	27307-BE1-086	A	PLAN SHEET 07
27307-BE1-047	A	PLAN SHEET 08	27307-BE1-087	A	PLAN SHEET 08
27307-BE1-048	A	PLAN SHEET 09	27307-BE1-088	A	PLAN SHEET 09
EARTHWORKS: BULK EARTHWORKS SECTIONS					
27307-BE1-050	A	EARTHWORKS SECTION KEY PLAN	DRAINAGE		
27307-BE1-051	A	SECTIONS SHEET 01	27307-BE1-600	A	SWALE PLAN
BITZIOS CONSULTING DRAWINGS					
NUMBER	ISSUE NO.	TITLE			
P4681-1	001	OPTION 3 SWEEP PATH ASSESSMENT			
P4681-2	002	OPTION 3 SWEEP PATH ASSESSMENT			

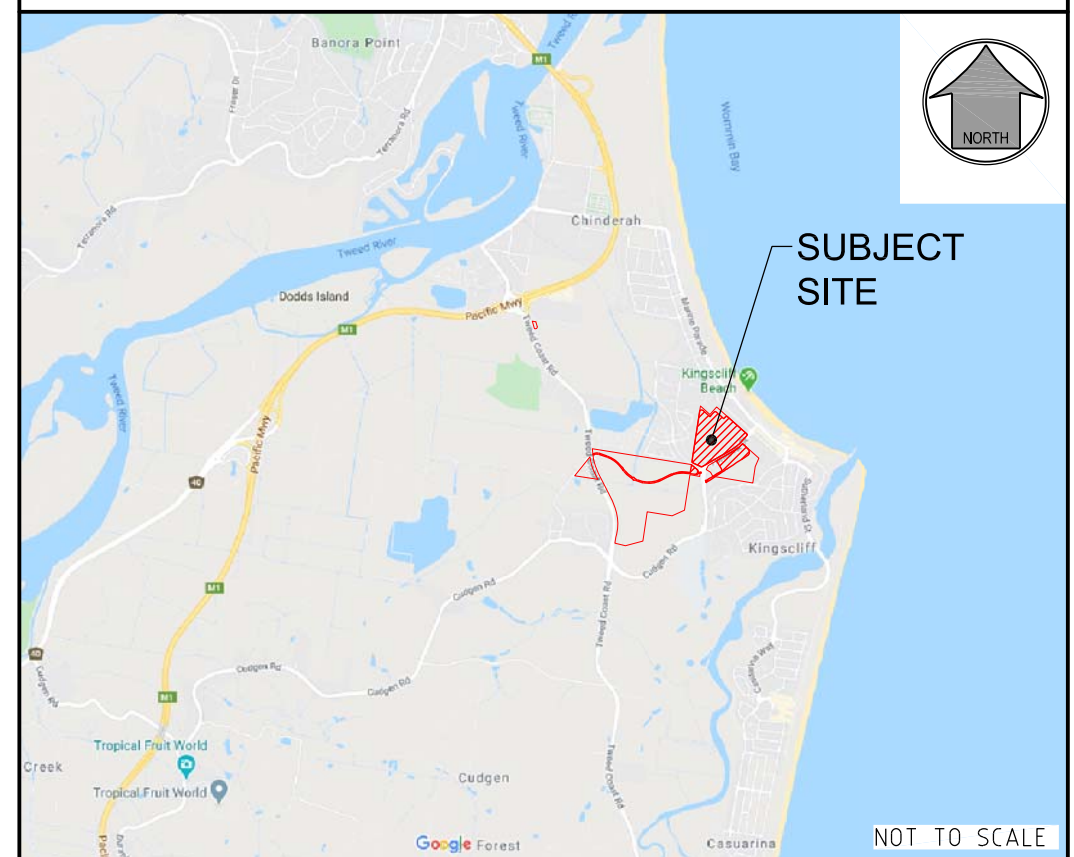


CLIENT

GALES
HOLDINGS

SUB-CONSULTANTS

LOCALITY PLAN

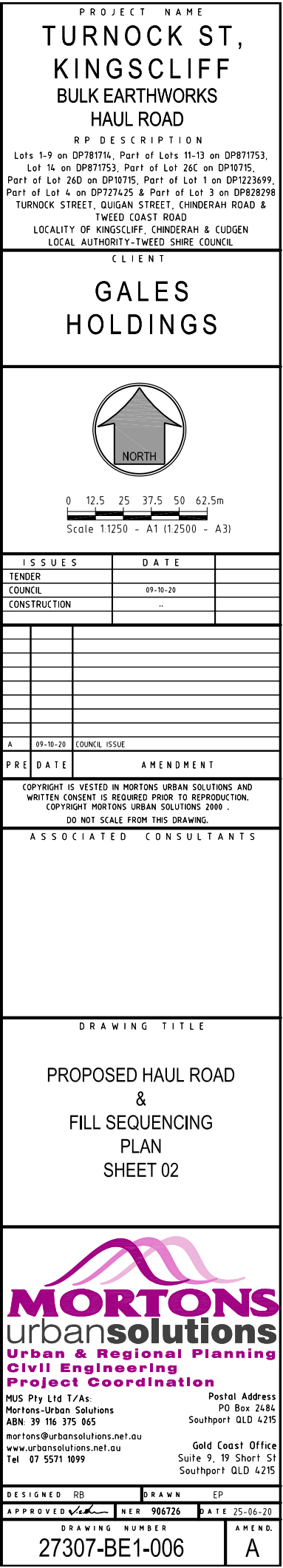


R. P. DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD
& TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

DRAWING NUMBER
27307-BE1-000

AMEND.
A



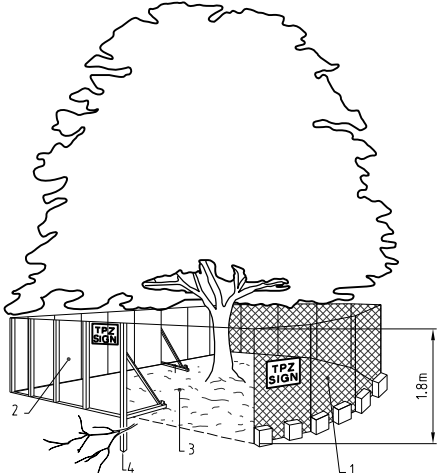
ALL VEGETATION CLEARING AND PROTECTION TO BE PERFORMED IN ACCORDANCE WITH THE APPROVED VEGETATION MANAGEMENT PLAN AND COUNCIL'S APPROVAL CONDITIONS.

VEGETATION CLEARING & PRESERVATION

1. PRECAUTIONS SHOULD BE TAKEN TO ENSURE PROPOSED ACTIVITIES ARE OUTSIDE THE PROTECTED ZONE.
2. DO NOT PLACE SOIL OR FILL FROM EXCAVATIONS AGAINST TREE TRUNKS OR ON ROOTS ATTACHED TO THE PARENT PLANT, EVEN FOR SHORT PERIODS.
3. DO NOT DE-BARK OR IMPACT ANY TREE TRUNK, ATTACH ANY STAYS, GUYS, WIRES ETC TO TREES WITHIN THE PROTECTED ZONE.
4. ENSURE THAT THERE IS NO REMOVAL OF TOPSOIL FROM WITHIN THE "TREE PROTECTION ZONE" (TPZ) UNLESS OTHERWISE APPROVED BY A SUITABLY QUALIFIED VEGETATION ARBORIST.
5. ENSURE THAT THERE IS NO PARKING OF VEHICLES OR HEAVY MACHINERY WITHIN THE TPZ OR BUFFER AREA (IF DIRECTED BY PROJECT ARBORIST) TO THE TPZ.
6. THE CONSTRUCTION CONTRACTOR IS NOT TO UNDERTAKE ANY PRUNING OF TREES. TREE MANAGEMENT IS TO BE UNDERTAKEN BY A SUITABLY QUALIFIED ARBORIST.
7. NO CLEARING OF PROTECTED SIZE VEGETATION IS TO OCCUR WITHOUT APPROVAL FROM THE RELEVANT AUTHORITY.

LEGEND

- EXISTING PROPERTY LINE
- EXISTING FENCE
- EXISTING KERB
- EXISTING EDGE OF BITUMEN
- EXISTING FOOTPATH
- EXISTING EDGE OF VEGETATION
- EXISTING RISING MAIN
- EXISTING SEWER
- EXISTING STORMWATER
- EXISTING WATER
- EXISTING GAS
- EXISTING UNDERGROUND ELECTRICITY
- EXISTING OVERHEAD ELECTRICITY
- EXISTING TELSTRA
- EXISTING COMMUNICATIONS
- EXISTING CONTOURS MAJOR
- EXISTING CONTOURS MINOR
- SITE BOUNDARY
- STAGE BOUNDARY
- LIMIT OF WORKS BOUNDARY
- TREE PROTECTION FENCE
- TREES TO BE RETAINED
- TREES TO BE REMOVED
- AREA OF VEGETATION TO BE CLEARED



AS4970 TREE PROTECTION FENCING
NOT TO SCALE

NOTES:

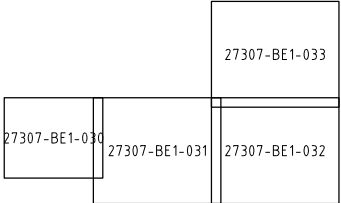
1. CHAIN WIRE MESH PANELS WITH SHADE CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH CONCRETE FEET.
2. ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THIS FENCING MATERIAL ALSO PREVENTS BUILDING MATERIALS OR SOIL ENTERING THE TPZ.
3. MULCH INSTALLATION ACROSS SURFACE OF TPZ (AT THE DISCRETION OF THE PROJECT ARBORIST.) NO EXCAVATION, CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR STORAGE OF MATERIALS OF ANY KIND IS PERMITTED WITHIN THE TPZ.
4. BRACING IS PERMITTED WITHIN THE TPZ. INSTALLATION OF SUPPORTS SHOULD AVOID DAMAGING ROOTS.

DETERMINING THE TPZ

THE RADIUS OF THE TPZ IS CALCULATED FOR EACH TREE BY MULTIPLYING ITS DBH X 12.
 $TPZ = DBH \times 12$
WHERE: DBH = TRUNK DIAMETER MEASURED AT 1.4m ABOVE GROUND & THE RADIUS IS MEASURED FROM THE CENTRE OF THE STEM AT GROUND LEVEL.

NOTE: A TPZ SHOULD NOT BE LESS THAN 2m NOR GREATER THAN 15m (EXCEPT WHERE CROWN PROTECTION IS REQUIRED). THE TPZ OF PALMS, OTHER MONOCOTS, CYCADS & TREE FERNS SHOULD NOT BE LESS THAN 1m OUTSIDE THE CROWN PROJECTION.

SHEET LAYOUT



TREE PROTECTION FENCE LOCATION TO BE DETERMINED ON SITE WITH COUNCIL, THE CLIENTS ARBORIST AND THE SUPERINTENDENT.



PROJECT NAME

**TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD**

RP DESCRIPTION

Lots 1-9 on DP871714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

**GALES
HOLDINGS**

NORTH

0 10 20 30 40 50m
Scale 1:1000 - A1 (1:2000 - A3)

ISSUES	DATE
TENDER	
COUNCIL	09-10-20
CONSTRUCTION	..

PRE DATE	AMENDMENT
A	09-10-20 COUNCIL ISSUE

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ASSOCIATED CONSULTANTS

DRAWING TITLE

**TREE CLEARING
AND PRESERVATION
PLAN
SHEET 01**

MORTONS
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Urban & Regional Planning
Civil Engineering
Project Coordination

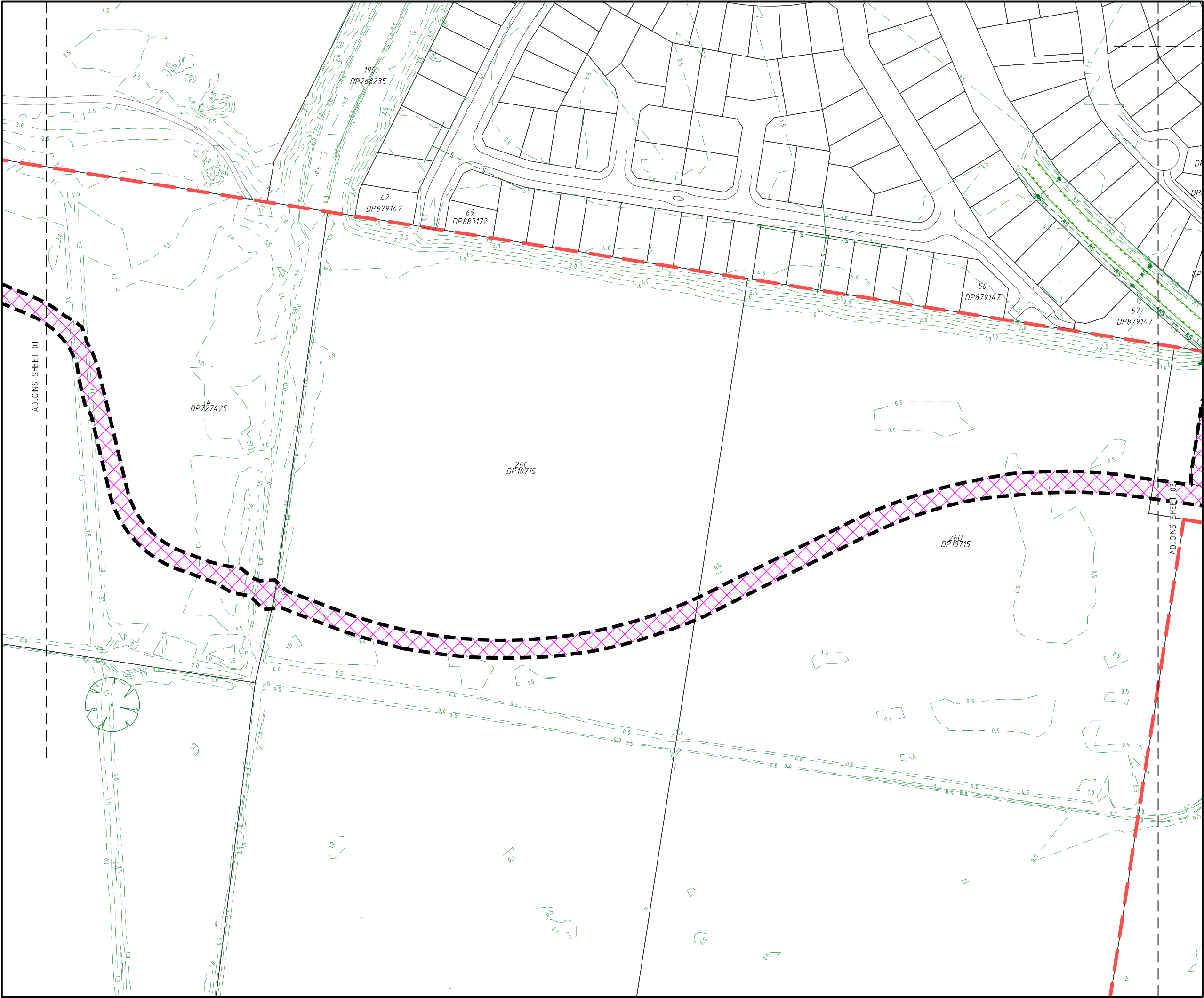
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DESIGNED	RB	DRAWN	EP
APPROVED		NER 906726	DATE 25-06-20

DRAWING NUMBER	AMEND.
27307-BE1-030	A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

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TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 10 20 30 40 50m
Scale 1:1000 - A1 (1:2000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

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TREE CLEARING
AND PRESERVATION
PLAN
SHEET 02

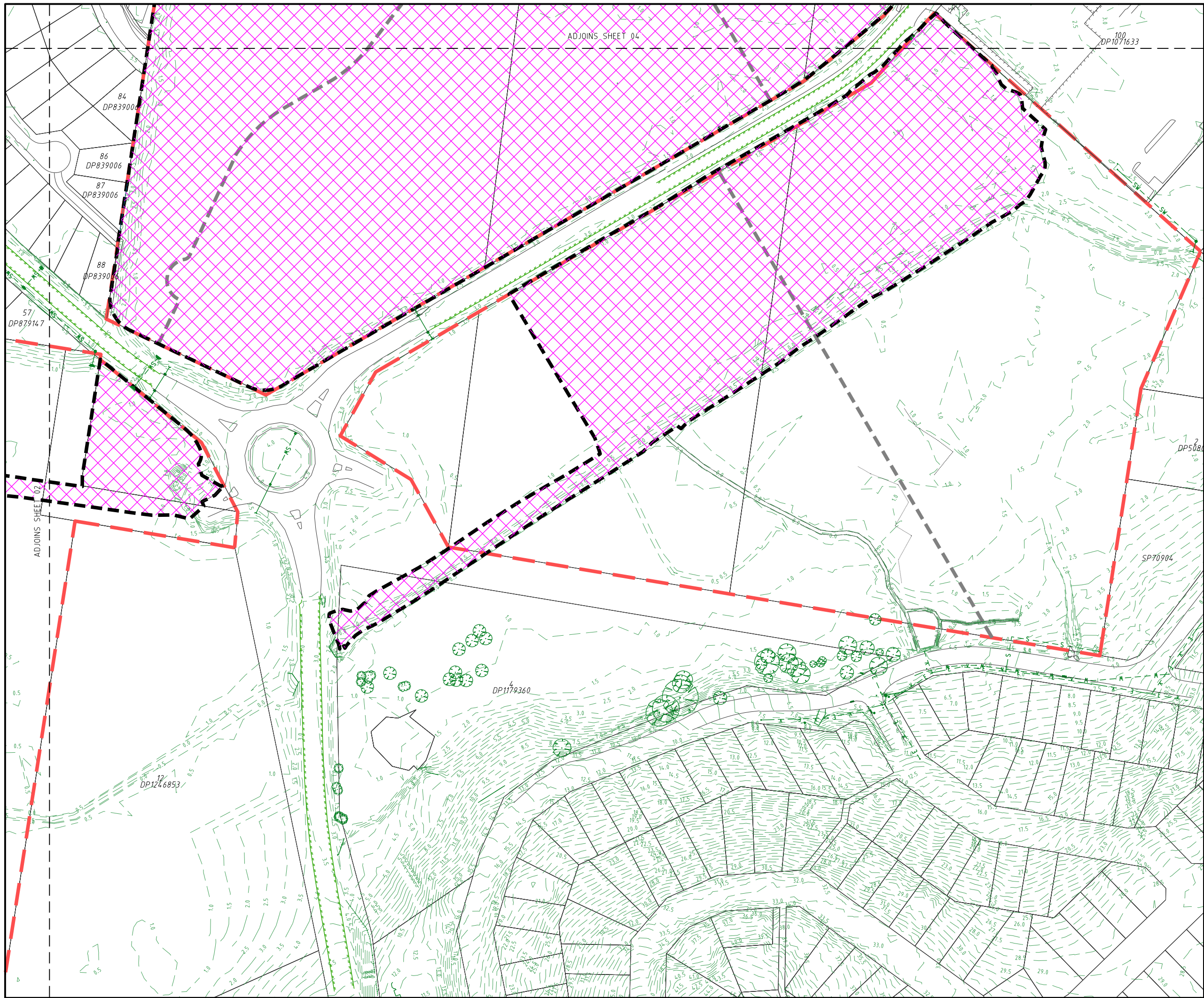
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27307-BE1-031		A	



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
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TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 10 20 30 40 50m
Scale 1:1000 - A1 (1:2000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

PRE DATE		AMENDMENT
A	09-10-20	COUNCIL ISSUE

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TREE CLEARING
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PLAN
SHEET 03

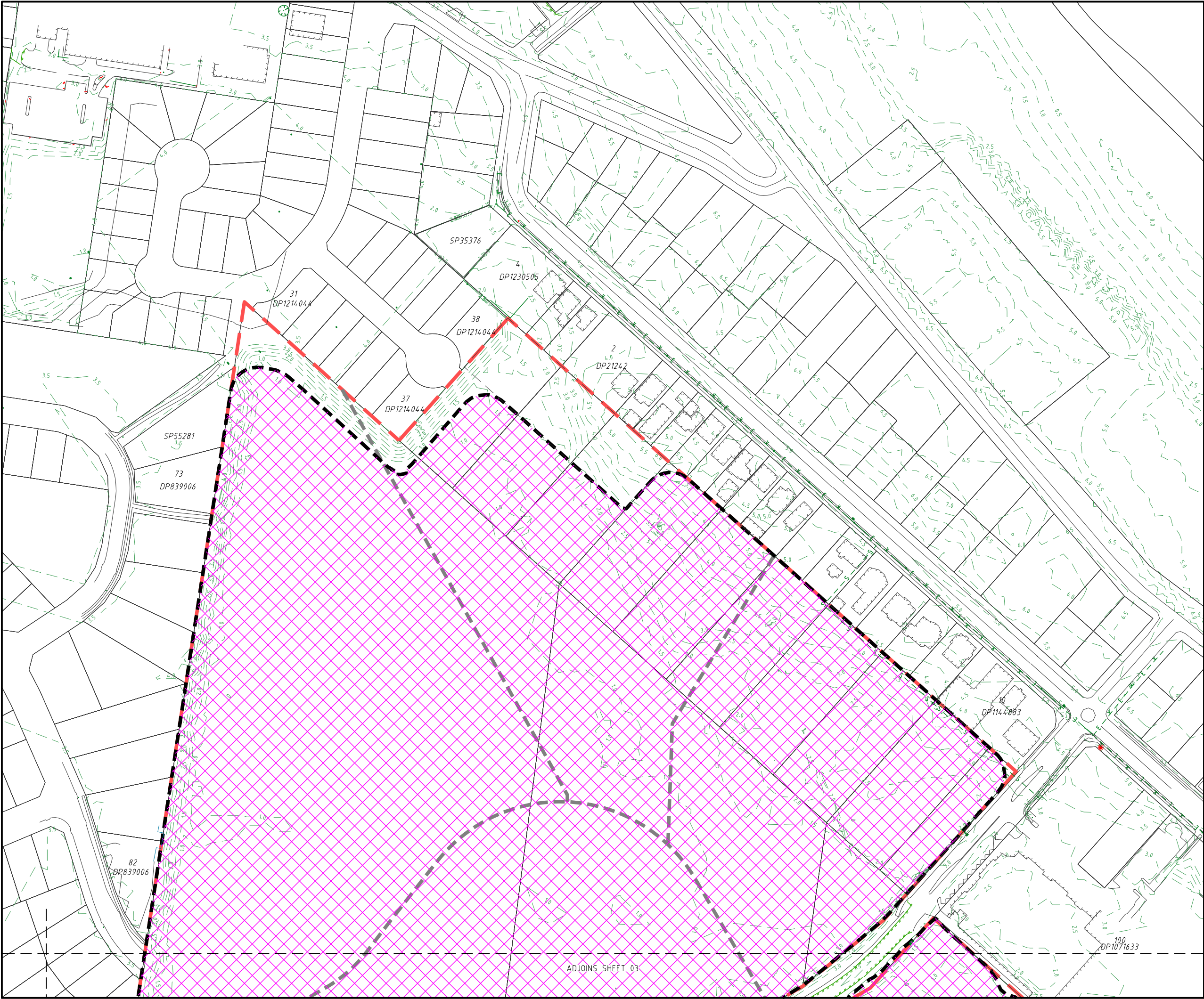
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27307-BE1-032	A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

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TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 10 20 30 40 50m
Scale 1:1000 - A1 (1:2000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

PRE DATE	AMENDMENT
A	09-10-20 COUNCIL ISSUE

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DRAWING TITLE

TREE CLEARING
AND PRESERVATION
PLAN
SHEET 04

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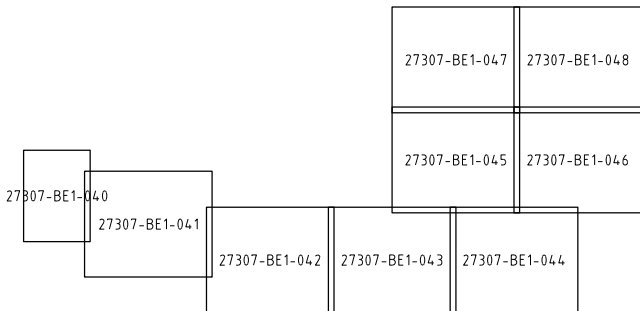
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27307-BE1-033		A	

EARTHWORKS

- TOPSOIL STRIPPING**
TOPSOIL SHALL BE STRIPPED ACROSS THE ENTIRE LIMIT OF THE EARTHWORKS CUT & FILL AREAS & SHALL BE STOCKPILED IN A LOCATION APPROVED BY THE SUPERINTENDENT. THE EXISTING STRATA IS TO BE TREATED IN ACCORDANCE WITH THE SPECIFICATION PRIOR TO PLACING ANY FILL.
- EARTHWORKS LEVELS**
EARTHWORKS LEVELS SHOWN ON DRAWINGS ARE TO FINISHED SURFACE LEVELS & INCLUDE 100mm OF TOPSOIL.
- COMPACTION STANDARD**
SITE FILLING & TRENCH BACKFILL SHALL BE COMPACTED TO THE STANDARDS OUTLINED IN THE LOCAL AUTHORITY'S SPECIFICATIONS. FILL BATTER FACES ARE TO BE OVERFILLED, COMPACTED & CUT BACK TO DESIGN LEVELS. ALL CUT BATTERS ARE TO BE CUT BACK & TRIMMED TO DESIGN LEVELS.
- PAVEMENT DEPTHS**
THE DESIGN PAVEMENT DEPTHS ALLOWED IN EARTHWORKS CALCULATIONS ARE BASED ON THE DEPTHS SHOWN IN THE SCHEDULE OF PAVEMENT DEPTHS. THE PAVEMENT DEPTHS GIVEN ARE DESIGN DEPTHS ONLY & MAY BE VARIED AFTER SUB GRADE TESTS ARE TAKEN & AUTHORITY APPROVAL.
- TESTING & CERTIFICATION**
ALL COMPACTION TESTING SHALL BE CARRIED OUT BY AN APPROVED N.A.T.A. TESTING AUTHORITY. ALL SITE FILLING SHALL BE TESTED AT LEVEL 1 REQUIREMENTS. THE CONTRACTOR IS TO PROVIDE ALL REQUIRED EARTHWORKS CERTIFICATIONS IN ACCORDANCE WITH THE APPROVAL CONDITIONS. THE CONTRACTOR IS TO PROVIDE A CONSTRUCTED EARTHWORKS SLOPE STABILITY CERTIFICATION CONFIRMING REQUIRED F.O.S. CERTIFIED BY A RPEQ.
- TOPSOIL REPLACEMENT**
ALL FOOTPATHS, BATTERS & ALLOTMENT CUT & FILL AREAS SHALL BE TOPSOILED WITH TOPSOIL FROM ONSITE STOCKPILES, & AMELIORATE SOIL AS NECESSARY TO ENSURE GRASS STRIKE.
- GRASSING**
ALL CUT/FILL AREAS, DISTURBED AREAS & TRENCHED AREAS SHALL BE GRASSED TO THE SATISFACTION OF THE SUPERINTENDENT & LOCAL AUTHORITY.
- ROCK**
THE CONTRACTOR IS TO INCLUDE ROCK EXCAVATION AS PART OF THEIR EARTHWORKS RATE.
- EARTHWORKS ZONE**
THE FOLLOWING ACTIVITIES ARE PROHIBITED OUTSIDE THE EARTHWORKS ZONE - STORAGE & MIXING OF MATERIALS, VEHICLE PARKING, LIQUID DISPOSAL, MACHINERY REPAIRS/REFUELING, PLACEMENT OF SITE OFFICES OR SHEDS, COMBUSTION OF ANY MATERIAL, STOCKPILING OF SOIL, RUBBLE OR DEBRIS, ANY FILLING OR EXCAVATION INCLUDING TRENCHES, TOPSOIL, SKIMMING AND/OR SURFACE EXCAVATION UNLESS OTHERWISE APPROVED BY THE RELEVANT AUTHORITY.
- CONSTRUCTION - STOCKPILING**
TEMPORARY SILT FENCE TO BE ERRECTED 5m FROM TOE OF BATTER ON LOW SIDE OF STOCKPILING. STOCKPILE SITE TO BE CLEAR OF ADJACENT PROPERTY BOUNDARIES SO AS NOT TO CAUSE A NUISANCE TO ADJOINING PROPERTIES. NO STOCKPILES ARE TO BE LOCATED WITHIN THE TREE PROTECTION ZONE, REFER VEGETATION MANAGEMENT PLAN FOR MORE DETAILS. THE CONTRACTOR SHALL NOT CREATE STOCKPILES OF SURPLUS MATERIALS UNLESS DIRECTED BY THE SUPERINTENDENT. ALL MATERIALS ARISING FROM THE WORKS SHALL BE COMPACTED TO FUTURE FILL AREAS AS NOMINATED OR REMOVED FROM THE SITE.
- TOPSOIL SCREENING**
TOPSOIL SHALL BE SCREENED BY THE CONTRACTOR WHEN DIRECTED BY THE SUPERINTENDENT. ALL UNSUITABLE MATERIAL SCREENED FROM THE TOPSOIL WILL BE TAKEN TO AN OFFSITE TIP BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE.
- EARTHWORKS MATERIAL SIZE**
ALL EARTHWORKS MATERIAL IS TO BE BROKEN DOWN TO AN ACCEPTABLE SIZE TO BE COMPACTED UNDER LEVEL 1 FILL. WHERE THE RELEVANT GUIDELINES DON'T SPECIFY AN ACCEPTABLE SIZE, EARTHWORKS MATERIAL IS TO BE BROKEN DOWN TO A SIZE NO LARGER THAN 75mm.
- MOISTURE CONTENT**
EARTHWORKS MOISTURE VARIATION TO NOT EXCEED ±2% OF THE OPTIMUM MOISTURE CONTENT.
- SURFACE FINISH**
THE FINISHED SURFACE LEVEL IS TO BE CAPPED WITH FINER MATERIAL & SMOOTH DRUM ROLLED & GRADED TO PROMOTE SURFACE WATER RUNOFF IN A CONTROLLED MANNER.
- EARTHWORKS LIMITS**
THE CONTRACTOR IS TO TIE IN TO THE NATURAL SURFACE AT THE LIMIT OF THE EARTHWORKS. THE TIE IN IS TO BE COMPLETED IN A MANNER TO ENSURE THERE IS NO PONDING OF SURFACE WATER.
- IMPORTED MATERIAL**
LOTS - ALL IMPORTED MATERIAL FOR PLACEMENT ON LOTS TO BE A MINIMUM CBR 10 MATERIAL & HAVE A SWELL % <1.5.
ROADS - ALL IMPORTED MATERIAL FOR PLACEMENT ON ROADS TO BE A MINIMUM CBR10 MATERIAL WITH A SWELL % <1.5, LIQUID LIMIT <70 & PLASTICITY INDEX <45.
SOIL PARAMETERS TO BE REVIEWED BY THE SITE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT ON SITE.
- REACTIVE SOILS**
 - ALL REACTIVE TOPSOIL TO BE IDENTIFIED BY THE GEOTECHNICAL ENGINEER & BE SEPARATED FROM THE NON REACTIVE TOPSOIL.
 - ALL REACTIVE TOPSOIL TO BE RESPREAD IN THE OPEN SPACE AREA. WHERE REACTIVE TOPSOIL IS REQUIRED TO BE RESPREAD ON DEVELOPABLE AREAS THE CONTRACTOR SHALL LIME TREAT THE TOPSOIL TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
 - WHEN UNDERTAKING THE EARTHWORKS CUT ALL MATERIALS SHOULD BE SELECTIVELY SORTED SO THAT THE REACTIVE SOILS ARE SEPARATED FROM THE LOW REACTIVE RESIDUAL SOILS & EXTREMELY WEATHERED BEDROCK
 - ALL REACTIVE SOILS ARE TO BE PLACED IN THE LOWER SECTIONS OF FILL WITH THE LESS REACTIVE RESIDUAL SOILS & EXTREMELY WEATHERD BEDROCK TO BE PLACE IN THE UPPER FILLS. ALTERNATIVELY, THE REACTIVE SOILS CAN BE BLENDED WITH THE LESS REACTIVE SOILS & EXTREMELY WEATHERD ROCK TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
 - NO REACTIVE CLAY SOILS SHOULD BE PLACED WITHIN THE UPPER 0.75m APPROX. FILL PROFILE WHERE POSSIBLE.
 - WHEN PLACING FILL OVER HIGHLY REACTIVE SOILS, TREATMENT MAY BE REQUIRED IF THE FILLS ARE ONLY MINOR, 0.3m APPROX. & THE REACTIVE SOIL PROFILE IS GREATER THAN 0.7m APPROX. IN THESE AREAS SUBGRADE REPLACEMENT OF AT LEAST 0.75m OF NON REACTIVE / LOW REACTIVE MATERIAL OVERLYING THE REACTIVE SOILS SHALL BE UNDERTAKEN.
 - ALL WORKS ASSOCIATED WITH THE IDENTIFICATION, PLACEMENT & TREATMENT OF REACTIVE SOILS SHALL BE UNDERTAKEN TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.

SHEET LAYOUT



NOTE:
CONTRACTOR TO MAKE ALL NECESSARY ALLOWANCES FOR EXISTING SERVICES DURING ALL WORKS.

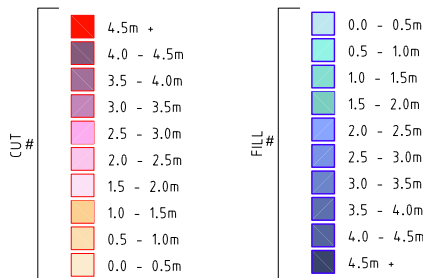


EARTHWORKS VOLUMES	
CUT	5,046m ³
FILL	473,302m ³
BALANCE	468,255m ³

EARTHWORKS FILL VOLUMES (PER STAGE)	
STAGE 1	63,586m ³
STAGE 2	145,296m ³
STAGE 3	41,256m ³
STAGE 4	135,657m ³
STAGE 5	40,055m ³
STAGE 6	39,293m ³
STAGE 7	3,112m ³
TOTAL	468,255m ³

LEGEND

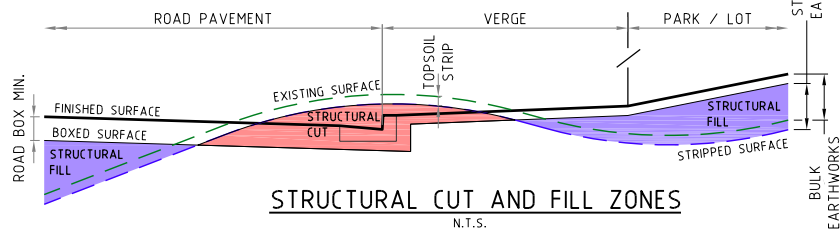
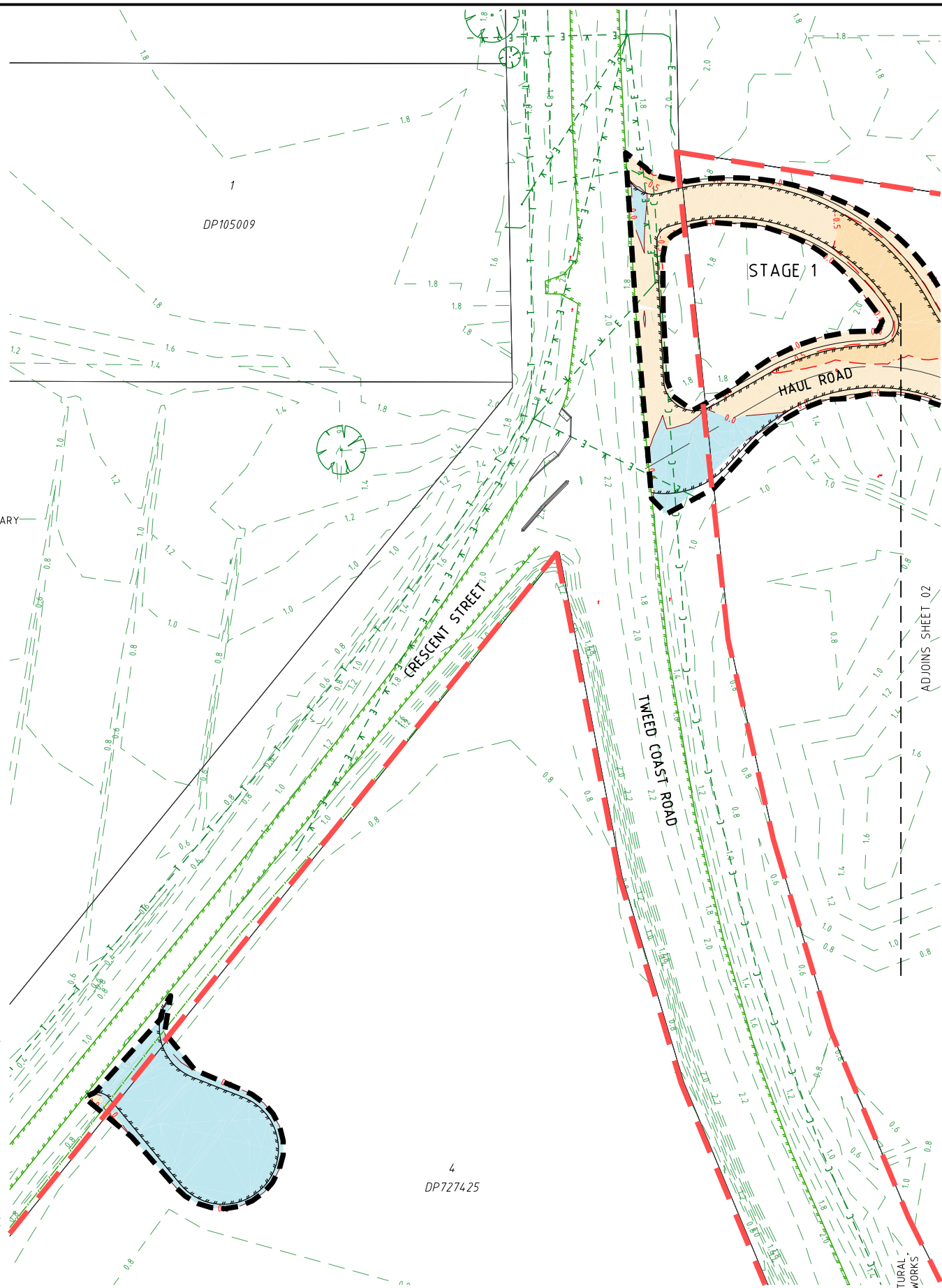
- EXISTING PROPERTY LINE
- EXISTING KERB (INVERT)
- EXISTING EDGE OF BITUMEN
- FUTURE KERB (INVERT)
- FUTURE PROPERTY LINE
- SITE BOUNDARY
- STAGE BOUNDARY
- LIMIT OF EARTHWORKS BOUNDARY
- PROPOSED PROPERTY LINE
- PROPOSED KERB (INVERT)
- PROPOSED EDGE OF BITUMEN
- CUT CONTOUR
- INTERFACE CONTOUR
- FILL CONTOUR



BULK EARTHWORKS (EXISTING TO FINISHED SURFACE)

NOTES:

- EARTHWORKS VOLUMES ARE APPROXIMATE ONLY. CONTRACTOR TO VERIFY & ALLOW FOR ANY DISCREPANCY IN THE CONTRACT VALUE.
- VOLUMES INDICATE THE STRUCTURAL QUANTITY OF EARTHWORKS, ie. BETWEEN THE EXISTING SURFACE & THE UNDERSIDE OF THE MINIMUM BOX & OF THE FSL, AS PROSCRIBED IN THE CONTRACT DOCUMENTATION.
- NO ALLOWANCE FOR COMPACTION OR BULKING FACTOR IS INCLUDED IN THE EARTHWORKS VOLUMES. THE CONTRACTOR IS TO MAKE ALLOWANCES FOR BULKING/COMPACTION AS PART OF THEIR CONTRACT WORKS.
- THE CONTRACTOR IS TO VERIFY EXISTING SURFACE & TOPSOIL DISTRIBUTION PRIOR TO SIGNING THE CONTRACT. THE CONTRACTORS PRICE FOR THESE WORKS IS DEEMED TO BE ACCEPTING OF THE NATURAL SURFACE & TOPSOIL DISTRIBUTION.
- THE CONTRACTOR IS REQUIRED TO EXPORT / IMPORT AS NEEDED TO ACHIEVE THE FINAL SURFACE LEVELS. THE EXPORT/IMPORT AS REQUIRED TO COMPLETE EARTHWORKS FORMS PART OF THE CONTRACT WORKS.
- WHERE NO SPOIL AREA IS AVAILABLE WITHIN THE PROJECT FOOTPRINT, THE CIVIL CONTRACTOR SHALL EXPORT EXCESS MATERIALS TO A LICENCED TIP OFF SITE. THESE WORKS FORM PART OF THE CONTRACT WORKS.



PROJECT NAME

TURNOCK ST, KINGSCLIFF BULK EARTHWORKS HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP878114, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES HOLDINGS



0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

ISSUES	DATE	
TENDER		
COUNCIL	09-10-20	
CONSTRUCTION	..	

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PRE	DATE	AMENDMENT

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Civil Engineering
Project Coordination

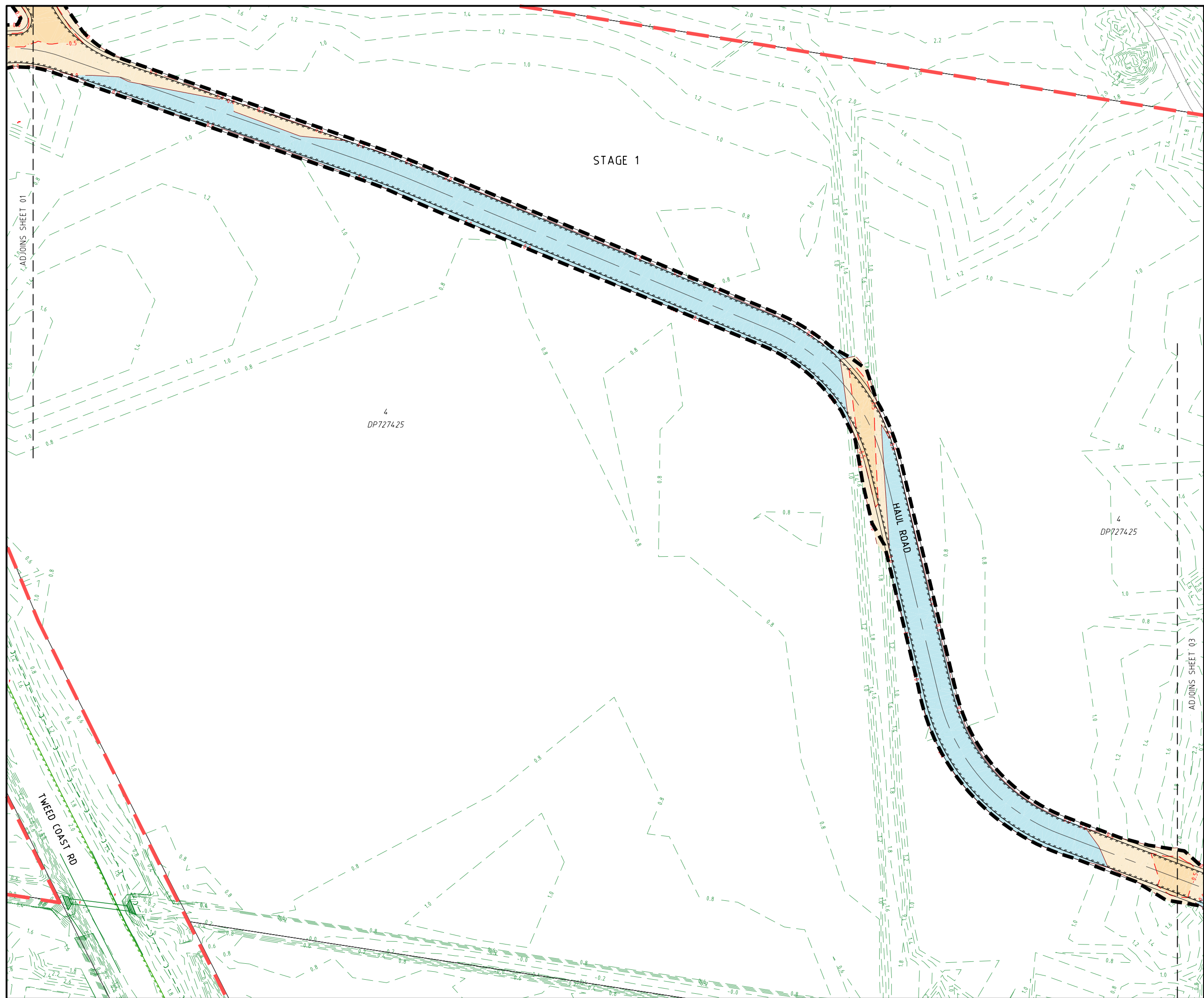
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APPROVED <i>[Signature]</i>	NER 906726

DRAWING NUMBER	AMEND.
27307-BE1-040	A



PROJECT NAME
TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

R P D E S C R I P T I O N

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 and Part of Lot 3 on DP828298
**TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD and
TWEED COAST ROAD**
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS



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TENDER		
COUNCIL	09-10-20	
CONSTRUCTION	..	

A	09-10-20	COUNCIL ISSUE

PRE	DATE	AMENDMENT
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D R A W I N G T I T L E

EARTHWORKS
CUT TO FILL
PLAN
SHEET 02



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Southport QLD 4215

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APPROVED <i>[Signature]</i>	NER	906726	DATE 25-06-20

DRAWING NUMBER	AMEND.
27307-BE1-041	A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298,
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

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COUNCIL		09-10-20
CONSTRUCTION		..

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PRE DATE	AMENDMENT	

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EARTHWORKS
CUT TO FILL
PLAN
SHEET 03

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Civil Engineering
Project Coordination

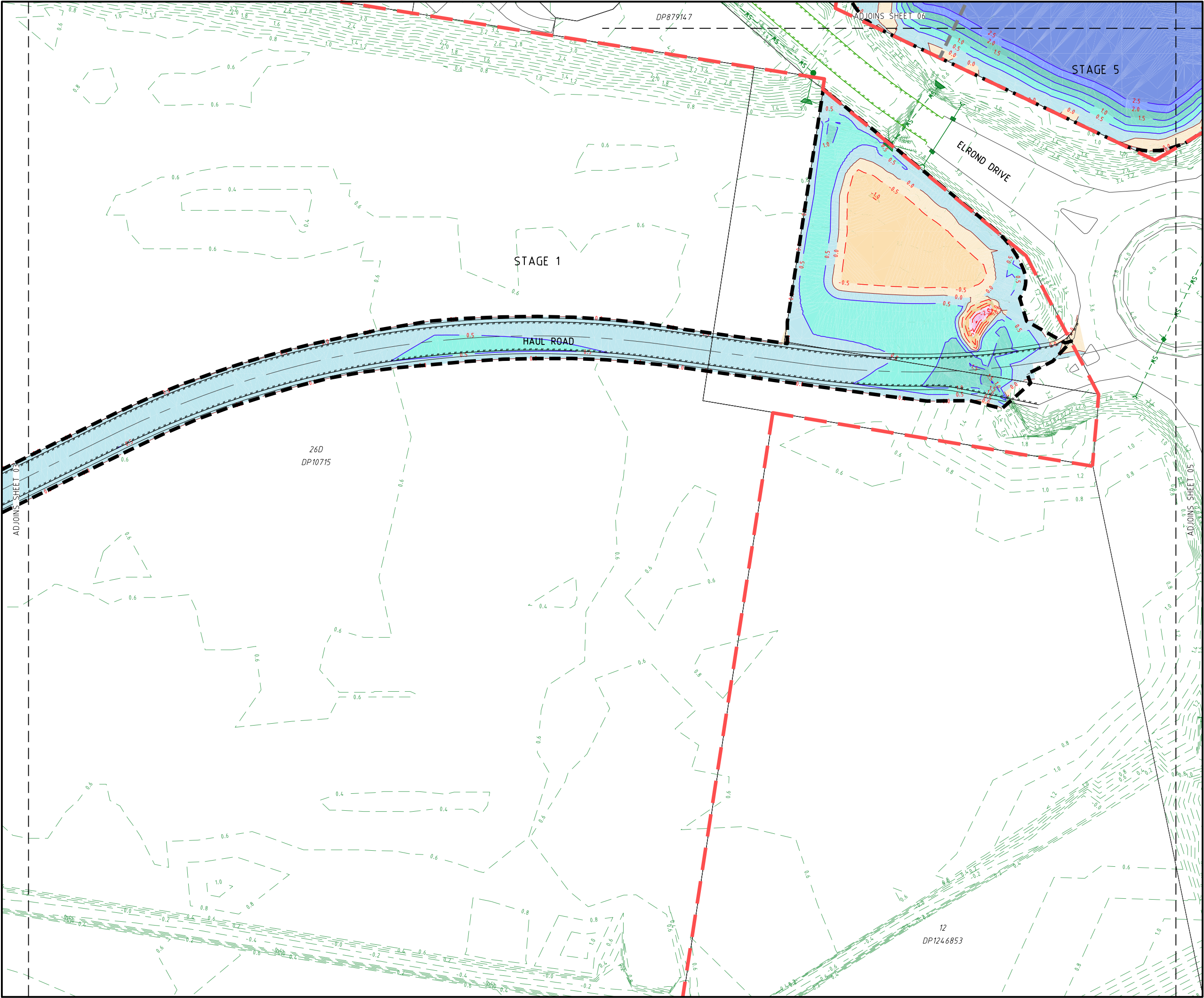
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APPROVED		NER 906726	DATE 25-06-20
DRAWING NUMBER			AMEND.
27307-BE1-042			A

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PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

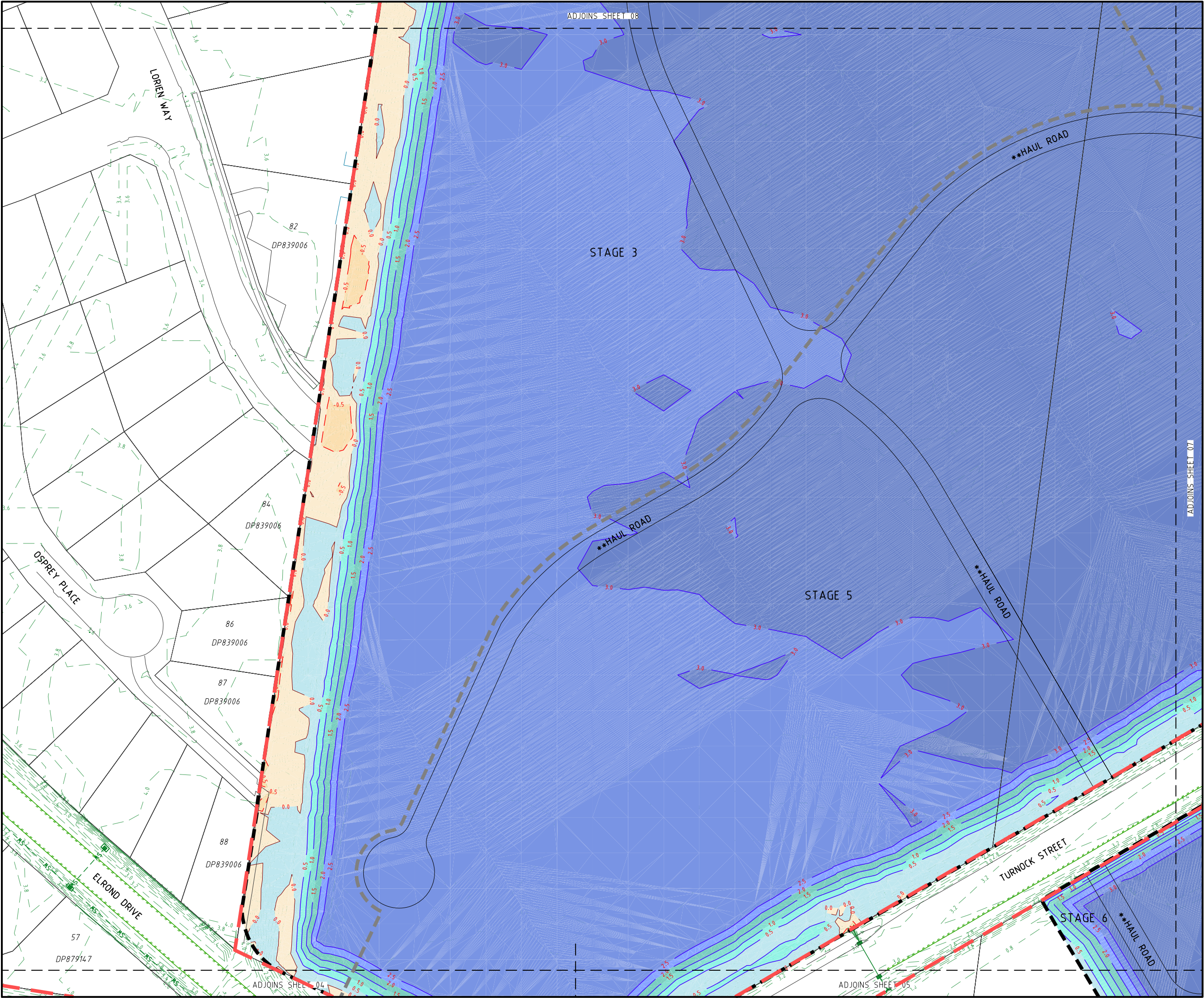
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HOLDINGS

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CONSTRUCTION		..																
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PRE DATE	AMENDMENT																	
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EARTHWORKS CUT TO FILL PLAN SHEET 04																		
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27307-BE1-043		A																

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PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP871714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP127425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

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Scale 1:500 - A1 (1:1000 - A3)

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COUNCIL		09-10-20
CONSTRUCTION		..

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DRAWING TITLE

EARTHWORKS
CUT TO FILL
PLAN
SHEET 06

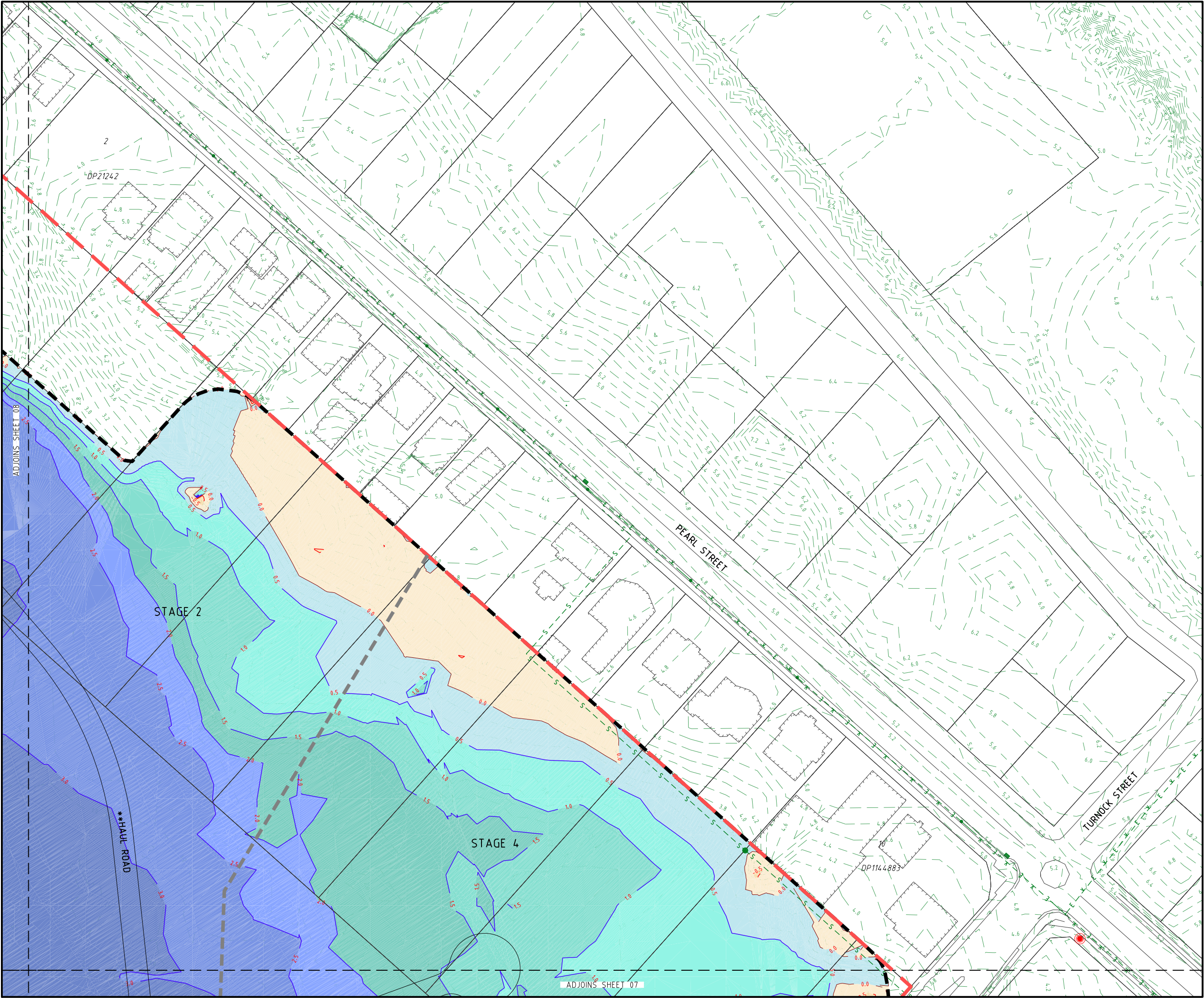
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27307-BE1-045	A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP127425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 5 10 15 20 25m
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EARTHWORKS
CUT TO FILL
PLAN
SHEET 09

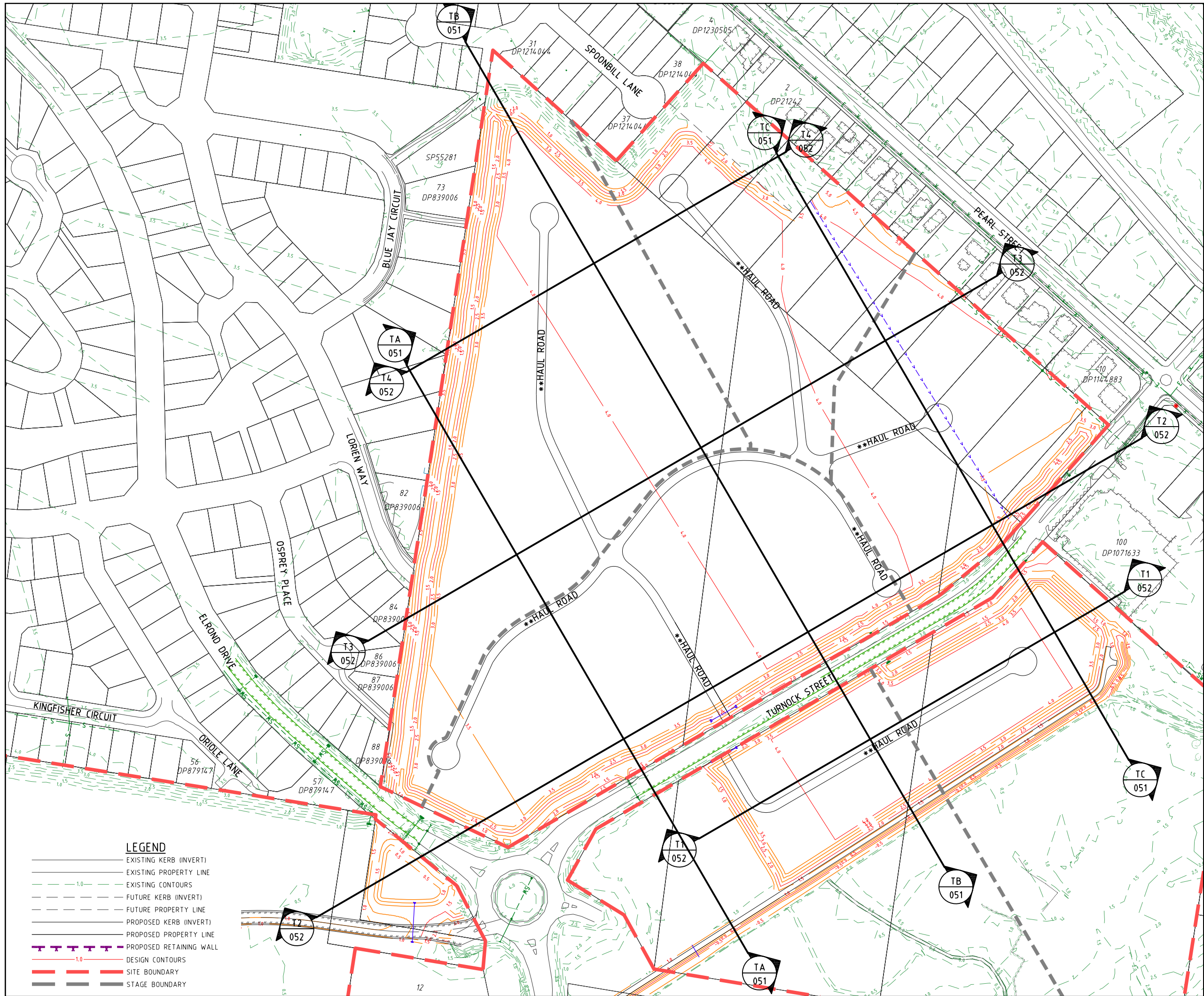
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27307-BE1-048		A	



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP878174, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP127425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

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TENDER		
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BULK EARTHWORKS
SECTION KEY PLAN

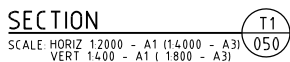
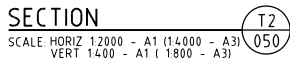
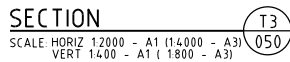
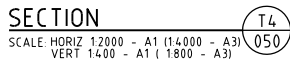
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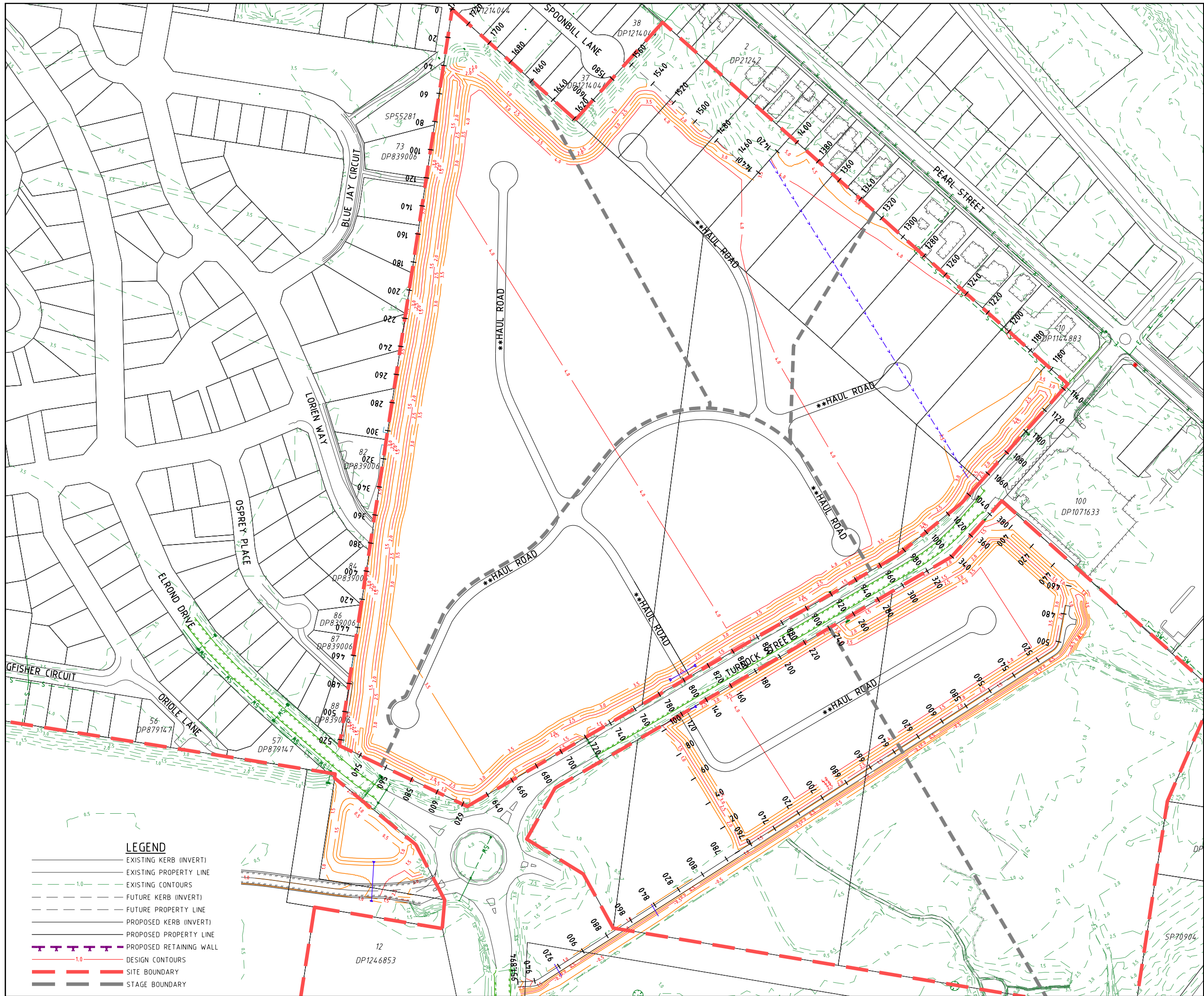
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DRAWING NUMBER			AMEND.
27307-BE1-052			A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
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TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

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Scale 1:1250 - A1 (1:2500 - A3)

ISSUES		DATE
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PERIMETER
SECTION KEY PLAN

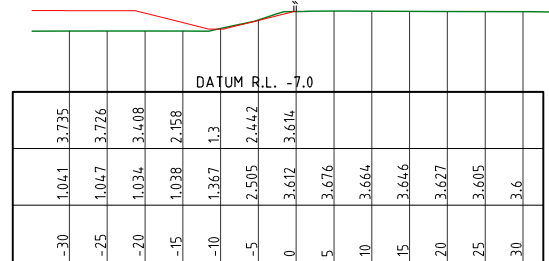
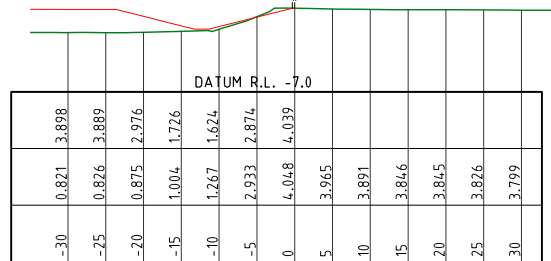
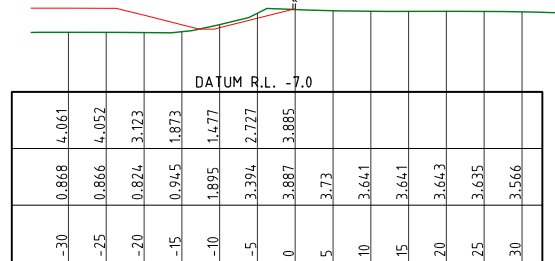
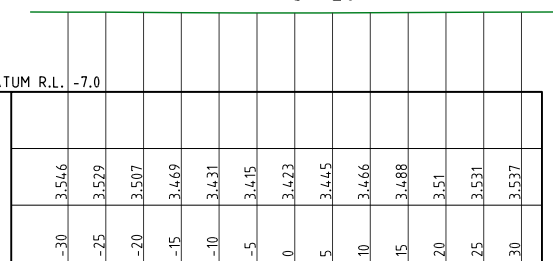
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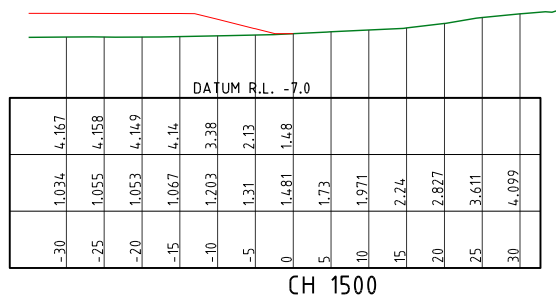
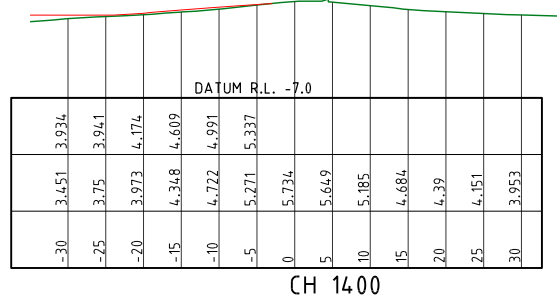
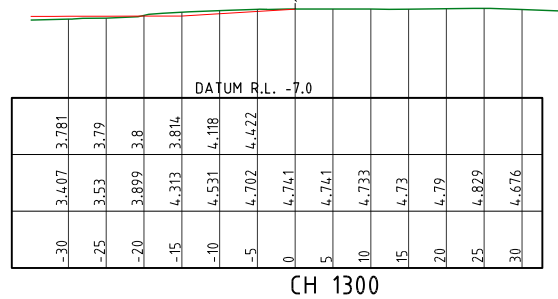
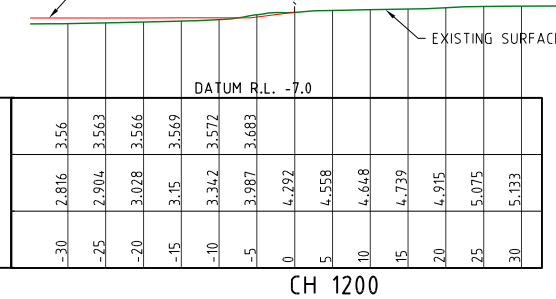
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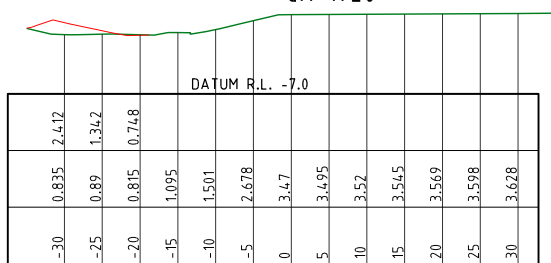
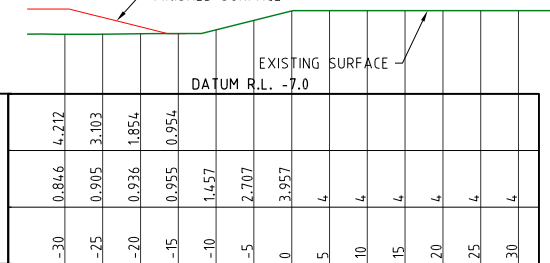
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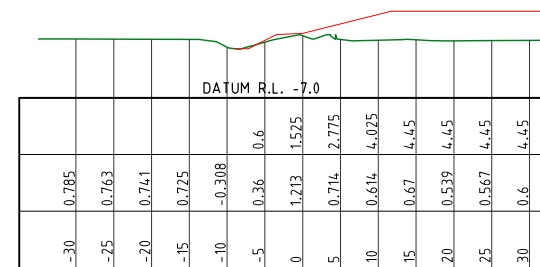
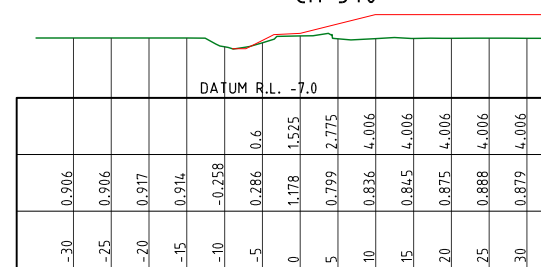
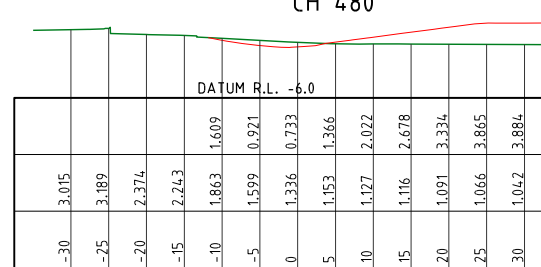
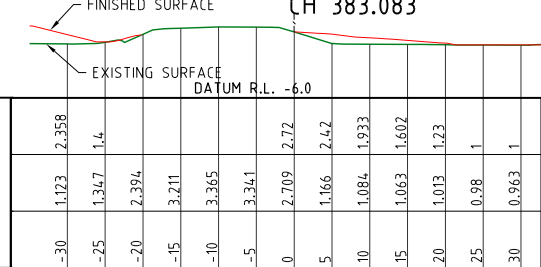
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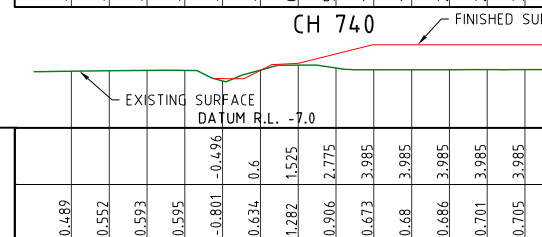
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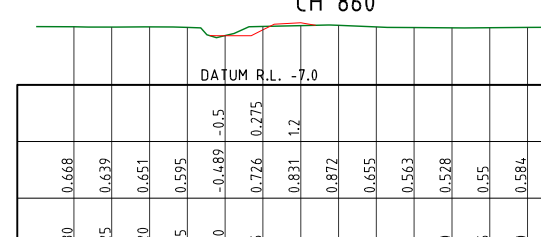
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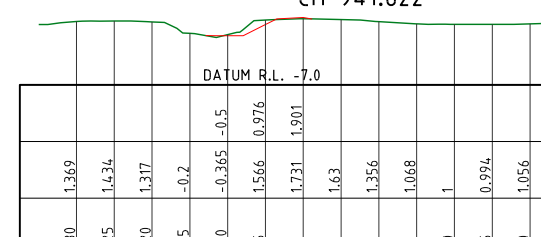
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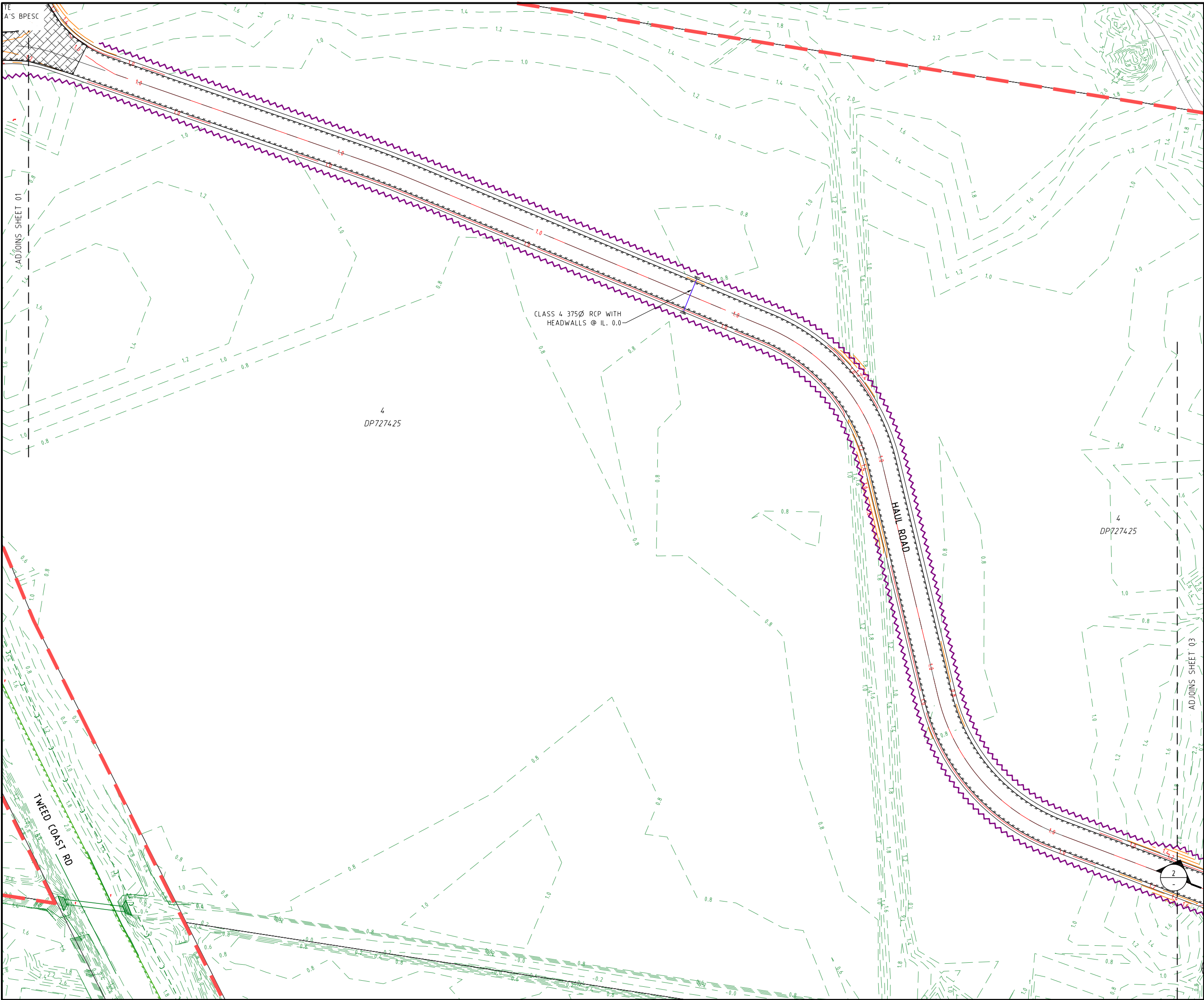
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PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
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TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 5 10 15 20 25m

Scale 1:500 - A1 (1:1000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

PRE	DATE	AMENDMENT
A	09-10-20	COUNCIL ISSUE

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DRAWING TITLE

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PLAN
SHEET 02

Urban & Regional Planning
Civil Engineering
Project Coordination

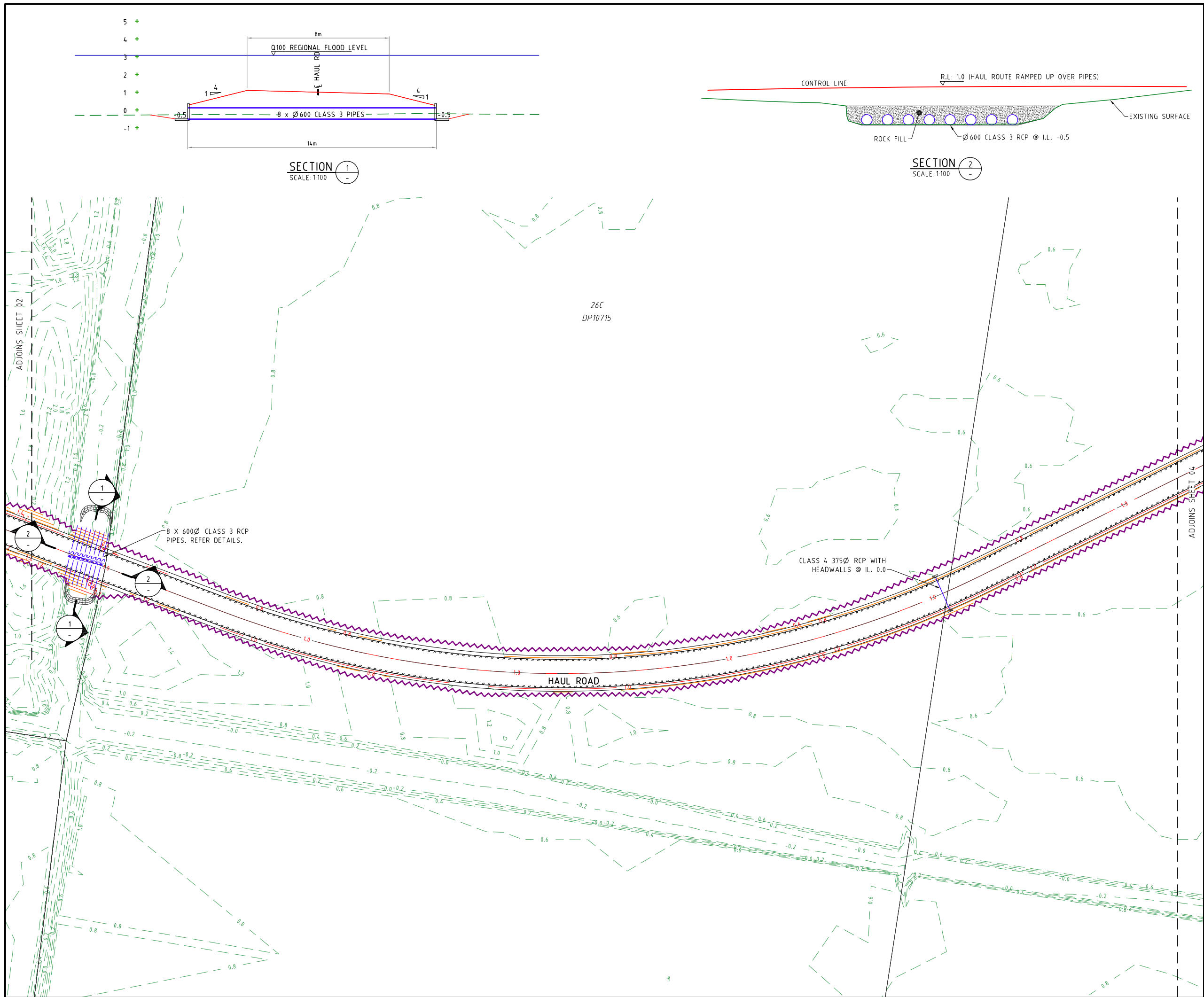
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APPROVED		NER 906726	DATE 25-06-20

DRAWING NUMBER	AMEND.
27307-BE1-081	A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

R.P. DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

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DRAWING TITLE

FINAL SURFACE AND
SEDIMENT AND EROSION
PLAN
SHEET 03

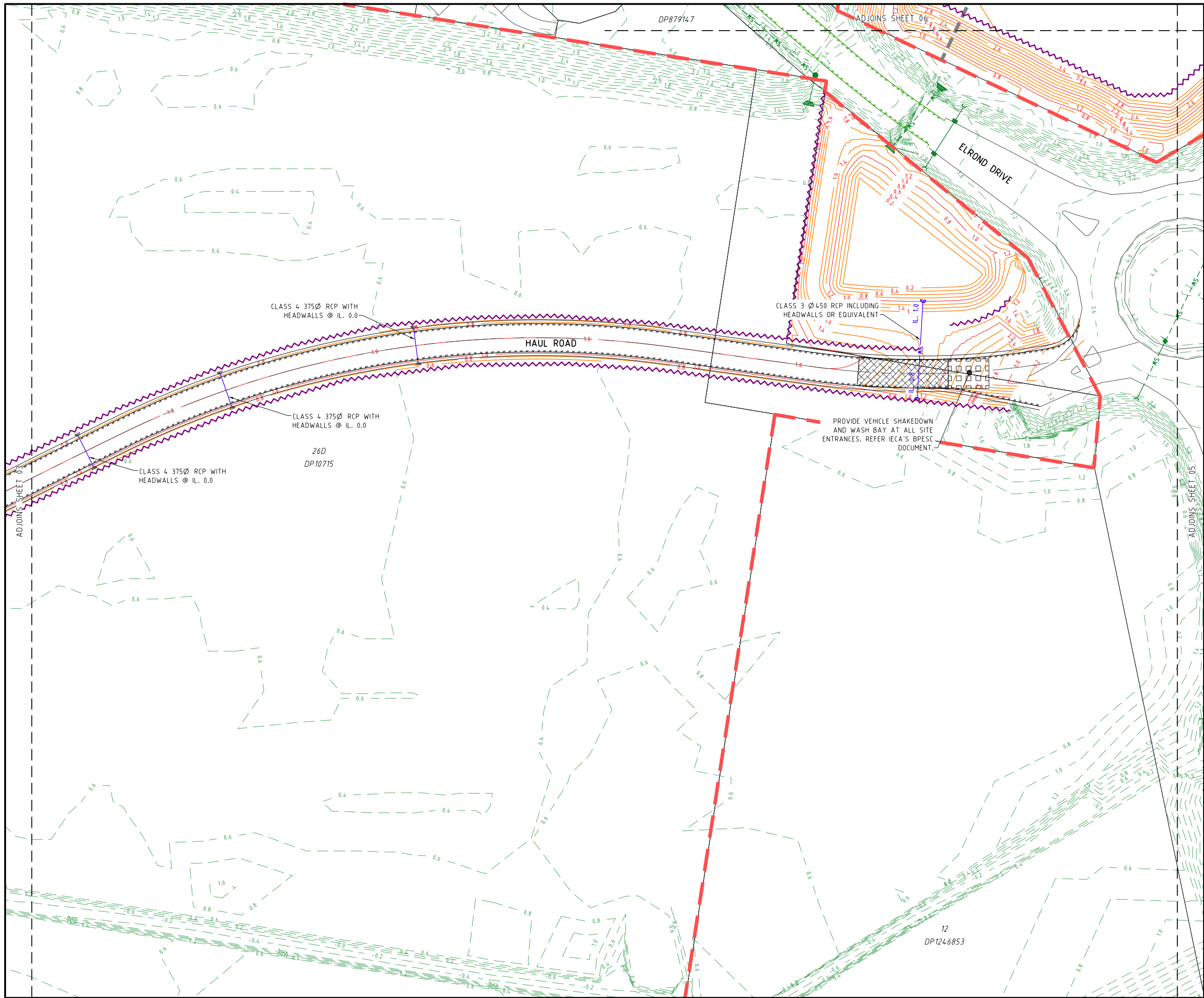
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PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT

GALES
HOLDINGS

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

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FINAL SURFACE AND
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PLAN
SHEET 04

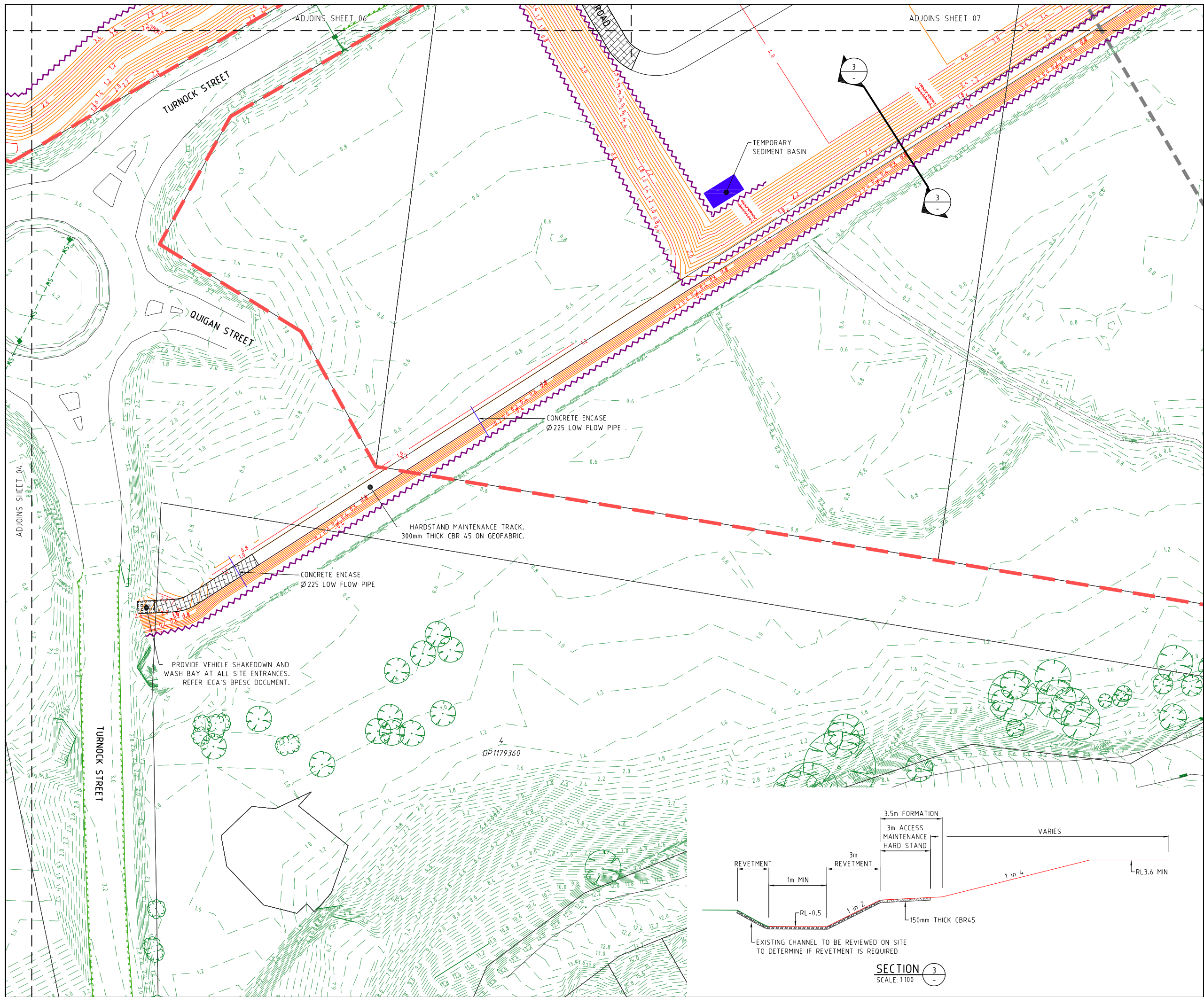
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PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP127425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

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GALES
HOLDINGS

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

ISSUES		DATE
TENDER		
COUNCIL		09-10-20
CONSTRUCTION		..

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FINAL SURFACE AND
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PLAN
SHEET 05

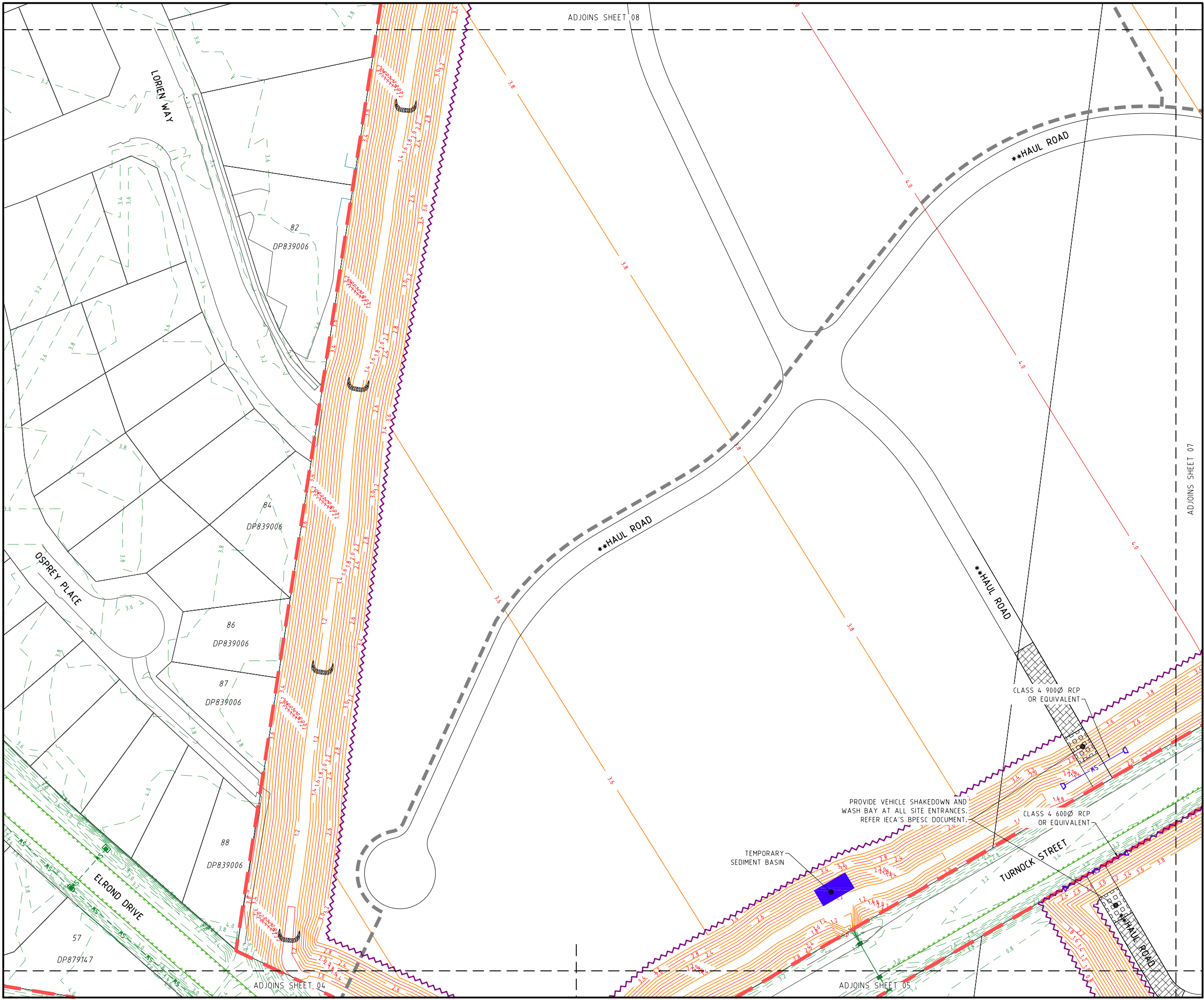
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AMEND.	
A	



PROJECT NAME
**TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD**

RP DESCRIPTION
Lots 1-9 on DP871714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

CLIENT
**GALES
HOLDINGS**

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

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COUNCIL		09-10-20
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**FINAL SURFACE AND
SEDIMENT AND EROSION
PLAN
SHEET 06**

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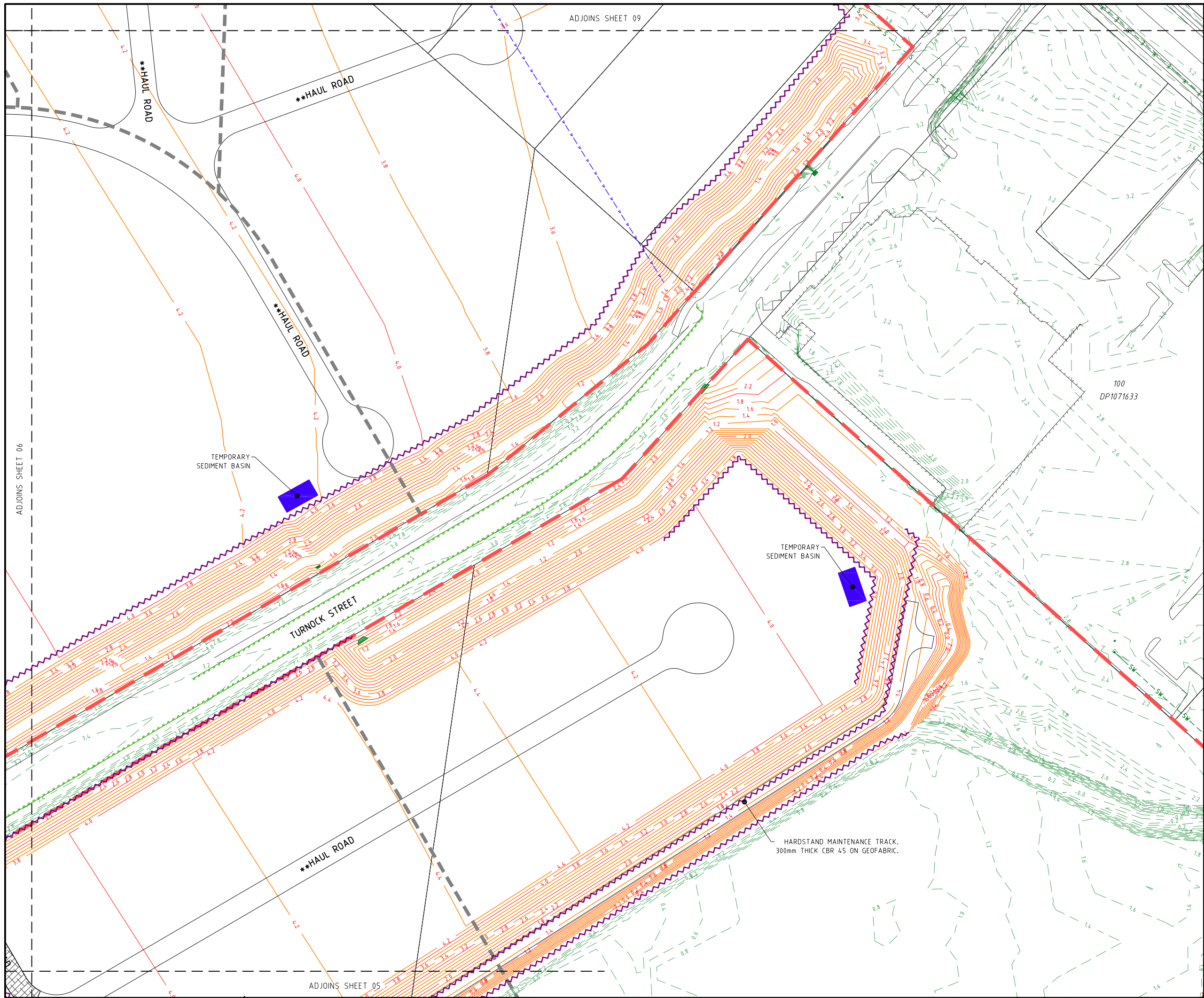
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DRAWING NUMBER		AMEND.
27307-BE1-085		A



PROJECT NAME

TURNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715,
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP127425 & Part of Lot 3 on DP828298
TURNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

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GALES
HOLDINGS

0 5 10 15 20 25m
Scale 1:500 - A1 (1:1000 - A3)

ISSUES	DATE	
TENDER		
COUNCIL	09-10-20	
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FINAL SURFACE AND
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PLAN
SHEET 07

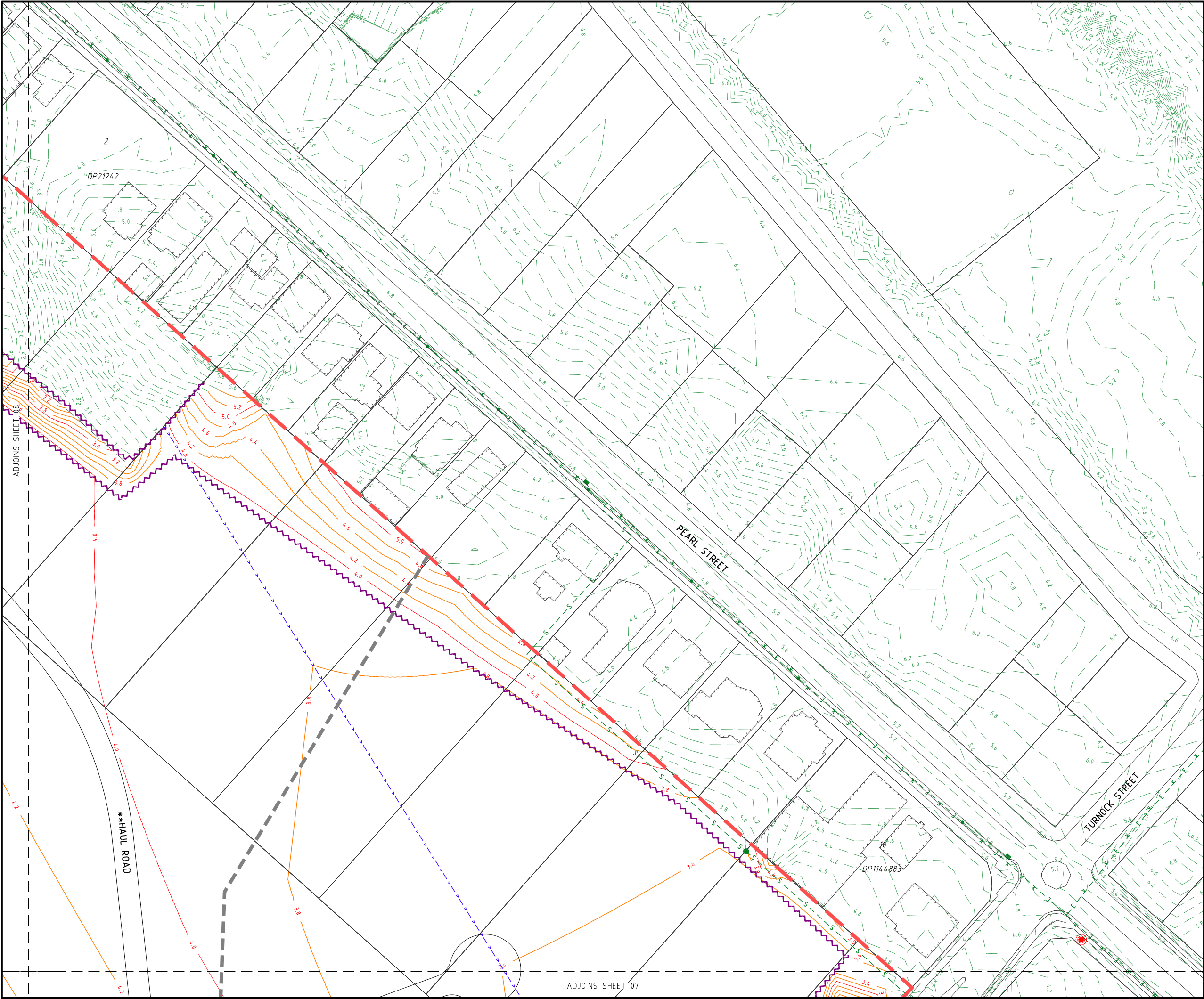
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PROJECT NAME

TURNNOCK ST,
KINGSCLIFF
BULK EARTHWORKS
HAUL ROAD

RP DESCRIPTION

Lots 1-9 on DP781714, Part of Lots 11-13 on DP871753,
Lot 14 on DP871753, Part of Lot 26C on DP10715
Part of Lot 26D on DP10715, Part of Lot 1 on DP1223699,
Part of Lot 4 on DP727425 & Part of Lot 3 on DP828298
TURNNOCK STREET, QUIGAN STREET, CHINDERAH ROAD &
TWEED COAST ROAD
LOCALITY OF KINGSCLIFF, CHINDERAH & CUDGEN
LOCAL AUTHORITY-TWEED SHIRE COUNCIL

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GALES
HOLDINGS

0 5 10 15 20 25m
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FINAL SURFACE AND
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PLAN
SHEET 09

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