

Appendix B

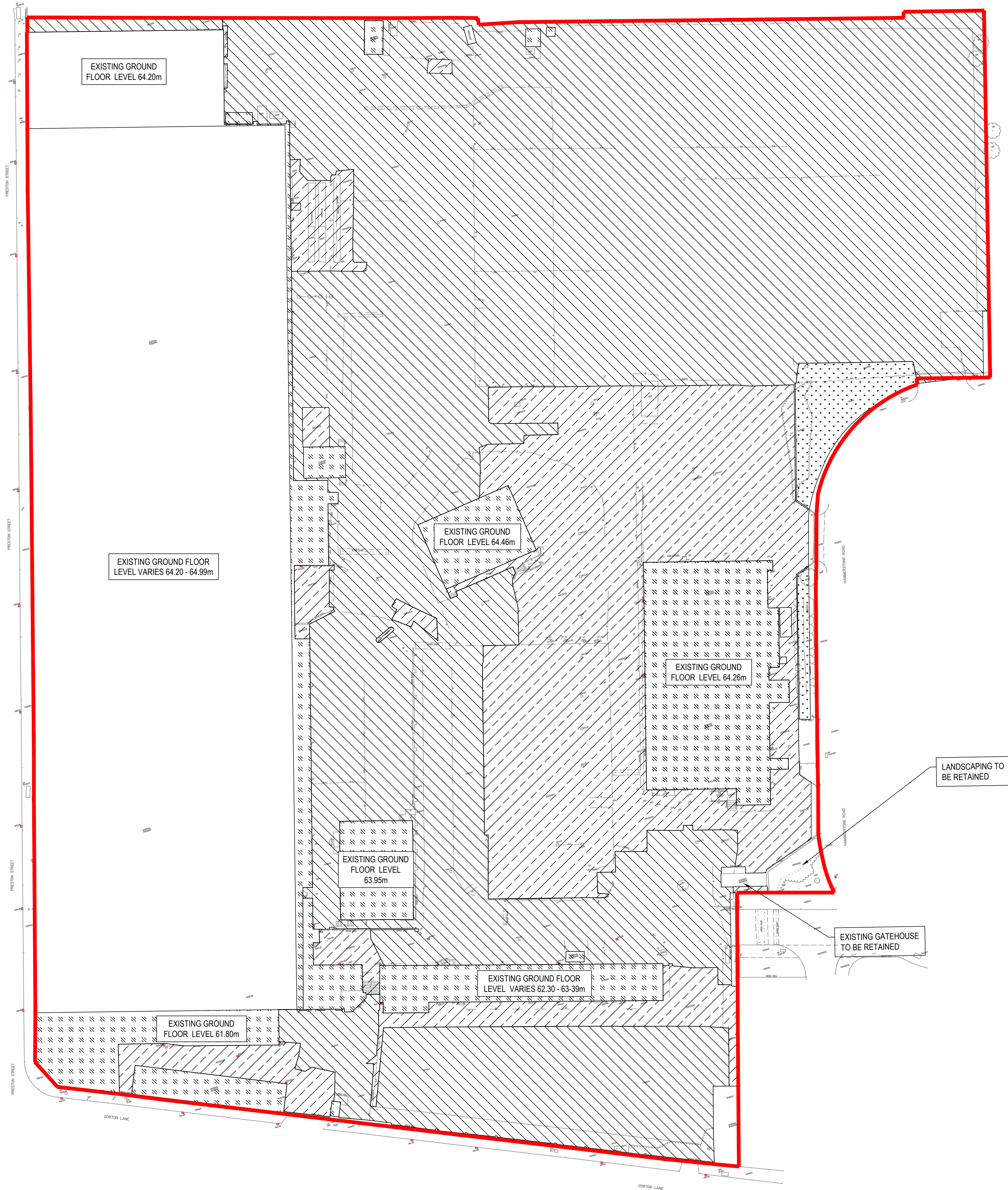
HRD-CUR-XX-00-DR-C-91-600 Site Strip Volumetrics

HRD-CUR-XX-00-DR-C-91-601 Cut & Fill Analysis

HRD-CUR-XX-00-DR-C-91-620 Proposed Levels Adjacent to Railway Line

HRD-CUR-XX-00-DR-C-91-621 Railway Line Boundary Sections

HRD-CUR-XX-00-DR-C-94-700 External Surfaces



NOTES

- THIS DRAWING HAS BEEN BASED ON THE TOPOGRAPHICAL SURVEY SUPPLIED BY SURVEY & ENGINEERING PROJECTS. DRAWING NUMBERS S15724-01 & 02.
- FLOOR LEVELS ESTIMATED FROM TOPOGRAPHICAL SURVEY BY SEP S15724-T
- THIS DRAWING HAS BEEN PRODUCED TO DEMONSTRATE AREAS AND DEPTHS USED TO PRODUCE THE MAIN CUT AND FILL DRAWING 068065-CUR-XX-00-DR-D-91601.
- THE EXISTING BUILD UPS ONCE REDUCED FORM THE SITE STRIP USED TO COMPARE ARE AGAINST THE PROPOSED FORMATION LEVELS TO PRODUCE A VOLUMETRIC ASSESSMENT.
- ONLY AREAS SHOWN HATCHED ARE INCLUDED TO FORM THE SITE STRIP.
- AREAS NOT SHOWN HATCHED BUT LIE WITHIN THE SITE BOUNDARY ARE ASSUMED TO REMAIN AS EXISTING.

SITE STRIP SUMMARY				
SURFACING	2D AREA	DEPTH	VOLUME	POTENTIAL FOR RE-USE AS FILL
CONCRETE CARRIAGEWAY	6,150 m²	225mm	1,390 m³	YES
TARMAC CARRIAGEWAY	17,300 m²	100mm	1,730 m³	NO
BUILDING SLAB	3,525 m²	200mm	705 m³	YES
LANDSCAPING	420 m²	150mm	65 m³	NO
TOTAL SITE STRIP	27,395 m²		3,890 m³	
TOTAL VOLUME FOR POTENTIAL RE-USE*			2,095 m³	

*RE-USE OF EXISTING CONCRETE AS FILL SUBJECT TO CONFIRMATION

KEY

- SITE BOUNDARY TAKEN FROM DRAWING HRD-FRA-ZZ-XX-DR-A-0200 REV C2
- EXISTING CONCRETE CARRIAGEWAY CONSTRUCTION
- EXISTING TARMAC CARRIAGEWAY CONSTRUCTION
- EXISTING BUILDING SLAB
- EXISTING LANDSCAPING

IT HAS BEEN ASSUMED THAT, IF SUB-BASE & CAPPING LAYERS ARE FOUND TO BE IN CONDITION, THEN THESE CAN BE RE-USED.

THIS DRAWING IS BASED ON:

- TOPOGRAPHICAL & BUILDING SURVEYS
 - S15724-1F-01 REV - BUILDING SURVEY
 - S15724-GF-03 REV A BUILDING SURVEY
 - S15724-T-01 REV - TOPO SURVEY

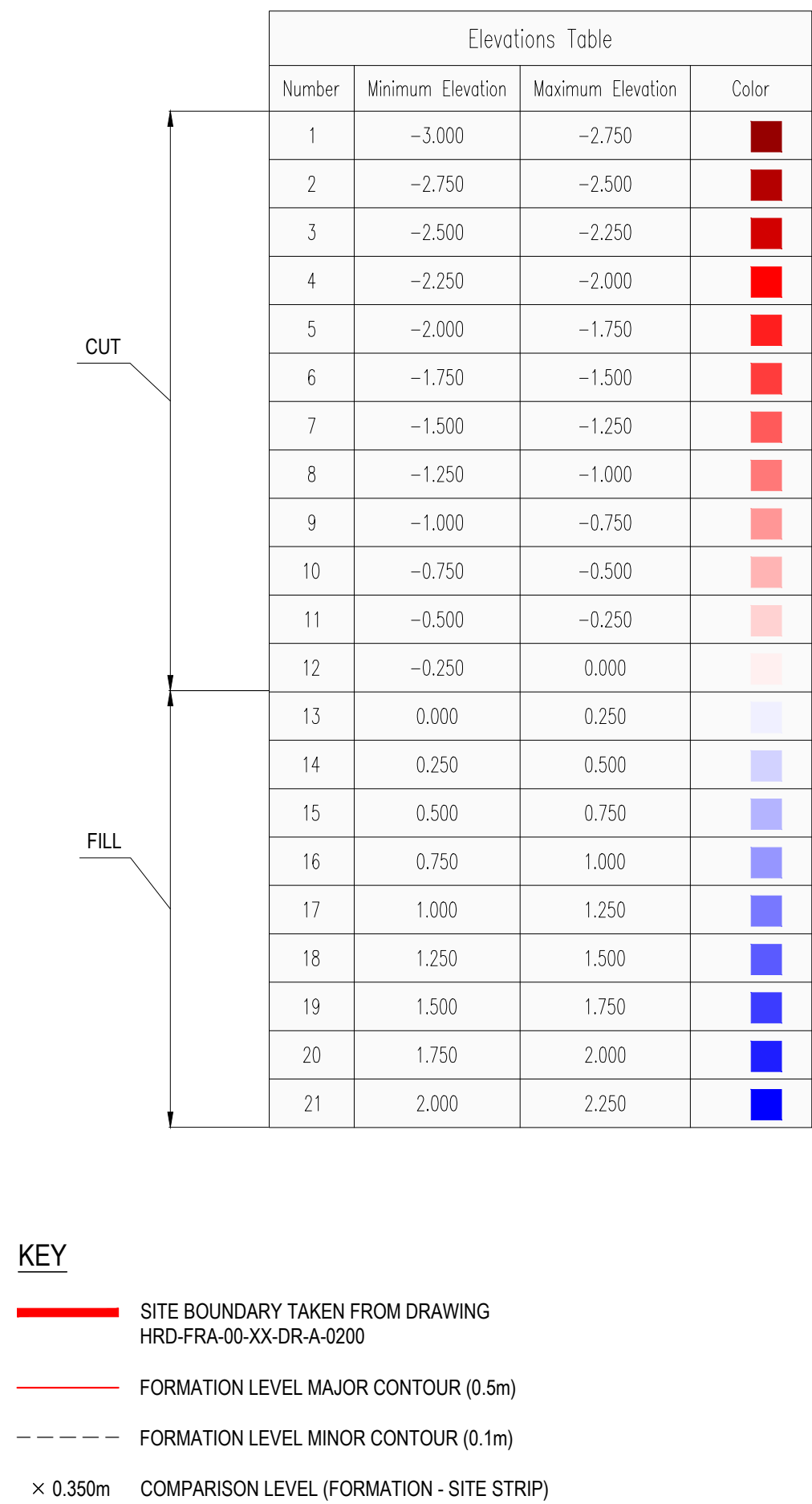
PHASE 2 SITE INVESTIGATION REPORT
068065-CUR-00-XX-RP-GE-002-V01

P04	DRAWING NUMBER CHANGE	15/04/21	ATL	ATL
P03	STAGE 4 ISSUE	12/04/21	ATL	MW
P02	STAGE 3 UPDATE	16/11/20	ATL	MW
P01	STAGE 3 ISSUE	29/01/19	ATL	MW
Rev:	Description:	Date:	By:	Chkd:

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Status: STAGE 4				
Project: HAMMERSTONE ROAD				
Orig Title: SITE STRIP EARTHWORKS VOLUMETRICS				
Size: A1	Date: 29.01.19	Drawn By: ATL	Designed By: MW	Checked By: MW
Scale: 1:500				
Project No:	Originator:	Zone:	Level:	Type: Discipline: Category / Number: Rev:
HRD - CUR - XX - 00 - DR - C - 91-600 -P04				



ALL CONTOURS AND LEVELS SHOWN ON THIS DRAWING
REPRESENT THE SITE FORMATION LEVELS.

THIS DRAWING IS BASED ON:

- PROPOSED SITE PLANS**
- HRD-FRA-00-XX-DR-A-90-0200 REV P9
 - HRD-FRA-00-XX-DR-A-90-0210 REV P6
 - HRD-FRA-00-XX-SK-A-90-9001 REV P1 PROPOSED ALTERNATE LOWER LEVEL CAR PARK LAYOUT SKETCH

GROUND FLOOR PLANS

- HRD-FRA-01-XX-DR-A-43-1531 REV C1 PROPOSED MCC FLOOR FINISHES PLAN
- HRD-FRA-01-XX-DR-A-43-1532 REV C1 PROPOSED BIFFA FLOOR FINISHES PLAN
- HRD-FRA-02-00-DR-A-20-2201 REV C1 PROPOSED GA GROUND FLOOR PLAN GRITTER GARAGE
- HRD-FRA-02-XX-DR-A-90-2001 REV C1 PROPOSED WINTER MAINTENANCE AREA
- HRD-FRA-04-XX-DR-A-20-4001 REV C1 PROPOSED WASHDOWN AREA PLAN
- HRD-FRA-05-XX-DR-A-20-5001 REV P3 PROPOSED REFUEL AREA PLAN

TOPOGRAPHICAL & BUILDING SURVEYS

- S15724-1F-01 REV - BUILDING SURVEY
- S15724-GF-03 REV A BUILDING SURVEY
- S15724-T-01 REV - TOPO SURVEY

PHASE 2 SITE INVESTIGATION REPORT

068065-CUR-00-XX-RP-GE-002-V01

NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
2. DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.

CUT & FILL CALCULATIONS

1. ALL AMBIGUITIES, ERRORS OR OMISSIONS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
2. THE ASSUMPTION HAS BEEN MADE THAT ALL MATERIAL BELOW SITE STRIP IS SUITABLE FOR RE-USE.
3. RESULTS BELOW DO NOT ACCOUNT FOR THE FOLLOWING:
 - ARISING
 - BULKING FACTORS
 - FOUNDATIONS
 - TEMPORARY STRUCTURES
 - DRAINAGE
4. THE CUT/FILL VOLUMES HAVE BEEN CALCULATED USING A COMPARISON BETWEEN THE FINISHED SITE STRIP LEVELS AND PROPOSED FINISHED LEVEL FORMATIONS.
5. THE TOPO HAS BEEN ASSUMED TO BE REPRESENTATIVE OF THE SITE UPON WORKS COMMENCEMENT OF EARTHWORKS OPERATIONS. CURTINS ACCEPT NO LIABILITY FOR VARIATION FROM THE PROVIDED TOPOGRAPHICAL SURVEY.
6. CONTRACTOR TO PRODUCE A MATERIALS MANAGEMENT PLAN IN ACCORDANCE WITH THE REQUIREMENTS OF THE SITE INVESTIGATION.
7. BULK EARTHWORKS DRAWING IS TO BE USED FOR COST PLAN USE ONLY. FURTHER DEVELOPMENT BY THE BULK EARTHWORKS CONTRACTOR IS REQUIRED.

CUT AND FILL FORMATION DEPTHS:

1. PROPOSED BUILDINGS - 350mm
2. PAVING TYPE P1A - PAVED AREA (OCCASIONAL HGV) - 350mm
3. PAVING TYPE P1B - PAVED AREA (LIGHT VEHICLE) - 365mm
4. PAVING TYPE P2 - TARMAC (OCCASIONAL HGV) - 500mm
5. PAVING TYPE P3 - EXTERNAL CONCRETE SLAB (REGULAR HGV) - 450mm
6. GRAVEL/ SOFT LANDSCAPING - 150mm (TBC BY LANDSCAPE ARCHITECT)

CUT & FILL SUMMARY				
ITEM	2D AREA	CUT	FILL	BALANCE
SITE STRIP TO BE DISPOSED	27,490 m ²	3,890 m ³	0 m ³	3,890 m ³ CUT
SITE STRIP TO FORMATION	26,623 m ²	4,770 m ³	1,630 m ³	3,140 m ³ CUT
TOTAL				7,030 m ³ <EXPORTED>
*TOTAL VOLUME FOR POTENTIAL RE-USE FROM SITE STRIP (RE-USE OF EXISTING CONCRETE AS FILL SUBJECT TO CONFIRMATION)				2,095 m ³

P07	UPDATED IN LINE WITH REVISED LEVELS PLAN	24/11/21	ATL	MW	
P06	UPDATED IN LINE WITH REVISED ARCHITECT'S SITE PLAN	05/08/21	ATL	MW	
P05	DRAWING NUMBER CHANGE	15/04/21	ATL	ATL	
P04	STAGE 4 UPDATE	13.04.21	ATL	MW	
P03	STAGE 4 ISSUE	12.04.21	ATL	MW	
P02	STAGE 3 UPDATE	16.11.20	ATL	MW	
P01	STAGE 3 ISSUE	29.01.19	ATL	MW	
Rev:	Description:	Date:	By:	Chk:	



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Status: STAGE 4

Project: **HAMMERSTONE ROAD**

Org Title:

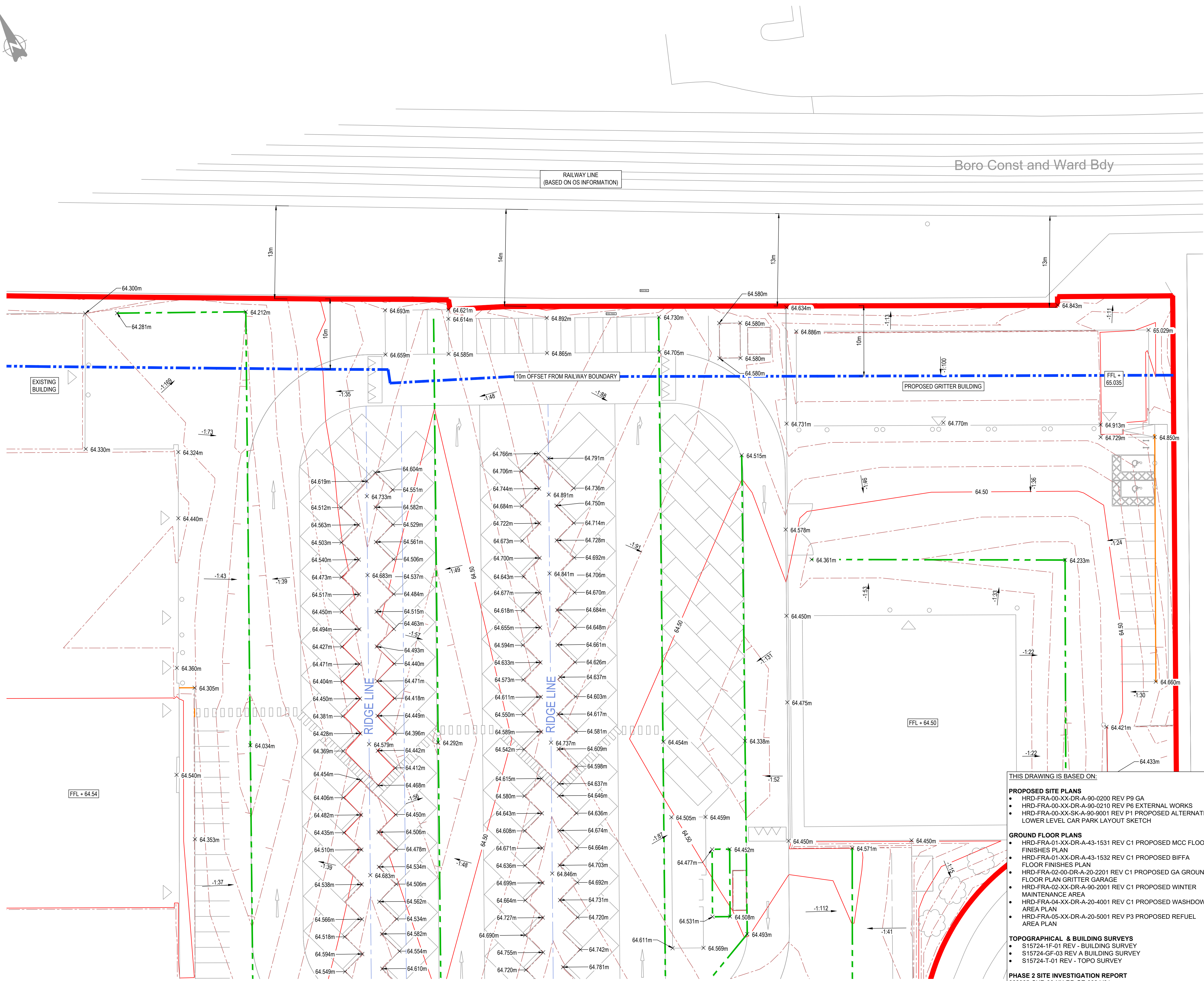
PROPOSED EARTHWORKS
CUT & FILL ANALYSIS

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	29.01.19	ATI	ATI	MM

Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
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HRD - CUR - XX - 00 - DR - C - 91-601 -P07

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Boro Const and Ward Bdy

RAILWAY LINE
(BASED ON OS INFORMATION)

PROPOSED GRITTER BUILDING

EXISTING BUILDING

FFL + 64.54

FFL + 64.50

FFL + 65.035

THIS DRAWING IS BASED ON:

PROPOSED SITE PLANS

- HRD-FRA-00-XX-DR-A-90-0200 REV P9 GA
- HRD-FRA-00-XX-DR-A-90-0210 REV P6 EXTERNAL WORKS
- HRD-FRA-00-XX-SK-A-90-9001 REV P1 PROPOSED ALTERNATE LOWER LEVEL CAR PARK LAYOUT SKETCH

GROUND FLOOR PLANS

- HRD-FRA-01-XX-DR-A-43-1531 REV C1 PROPOSED MCC FLOOR FINISHES PLAN
- HRD-FRA-01-XX-DR-A-43-1532 REV C1 PROPOSED BIFFA FLOOR FINISHES PLAN
- HRD-FRA-02-00-DR-A-20-2201 REV C1 PROPOSED GA GROUND FLOOR PLAN GRITTER GARAGE
- HRD-FRA-02-XX-DR-A-90-2001 REV C1 PROPOSED WINTER MAINTENANCE AREA
- HRD-FRA-04-XX-DR-A-20-4001 REV C1 PROPOSED WASHDOWN AREA PLAN
- HRD-FRA-05-XX-DR-A-20-5001 REV P3 PROPOSED REFUEL AREA PLAN

TOPOGRAPHICAL & BUILDING SURVEYS

- S15724-1F-01 REV - BUILDING SURVEY
- S15724-GF-03 REV A BUILDING SURVEY
- S15724-T-01 REV - TOPO SURVEY

PHASE 2 SITE INVESTIGATION REPORT

068065-CUR-00-XX-RP-GE-002-V01

NOTES

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3. ALL LEVELS ARE IN METRES ABOVE ORDINANCE DATUM UNLESS NOTED OTHERWISE.
4. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

PROPOSED LEVELS NOTES

1. ALL AMBIGUITIES, ERRORS OR OMISSIONS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
2. THE ASSUMPTION HAS BEEN MADE THAT ALL MATERIAL BELOW SITE STRIP IS SUITABLE FOR RE-USE.
3. ALL KERBS ASSUMED TO HAVE 100MM UPSTAND EXCEPT FOR DROPPED KERBS AS NOTED:
 - 6mm UPSTAND FOR PEDESTRIAN CROSSINGS
 - 25mm UPSTAND FOR VEHICULAR CROSSINGS
4. THE CUT/FILL VOLUMES HAVE BEEN CALCULATED USING A COMPARISON BETWEEN THE FINISHED SITE STRIP LEVELS AND PROPOSED FINISHED LEVEL FORMATIONS.
5. THE TOPO HAS BEEN ASSUMED TO BE REPRESENTATIVE OF THE SITE UPON WORKS COMMENCEMENT OF EARTHWORKS OPERATIONS. CURTINS ACCEPT NO LIABILITY FOR VARIATION FROM THE PROVIDED TOPOGRAPHICAL SURVEY.

KEY

- SITE BOUNDARY TAKEN FROM DRAWING HRD-FRA-00-XX-DR-A-0200
- - - - - 10m OFFSET FROM RAILWAY BOUNDARY
- 64.00 MAJOR CONTOUR
- MINOR CONTOUR
- = PROPOSED RETAINING WALL
- - - - - INDICATIVE GRADIENT (ARROW POINTS DOWN)
- PROPOSED LINEAR DRAINAGE CHANNEL LOCATION
- PROPOSED DROPPED KERB LOCATION

P01	ISSUED FOR PLANNING CONDITION DISCHARGE	04/02/22	ATL	MW
Rev:	Description:	Date:	By:	Chkd:



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Status: **APPROVAL**

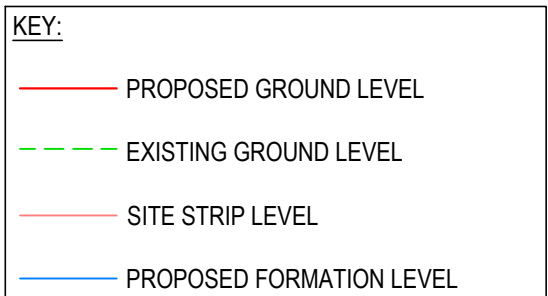
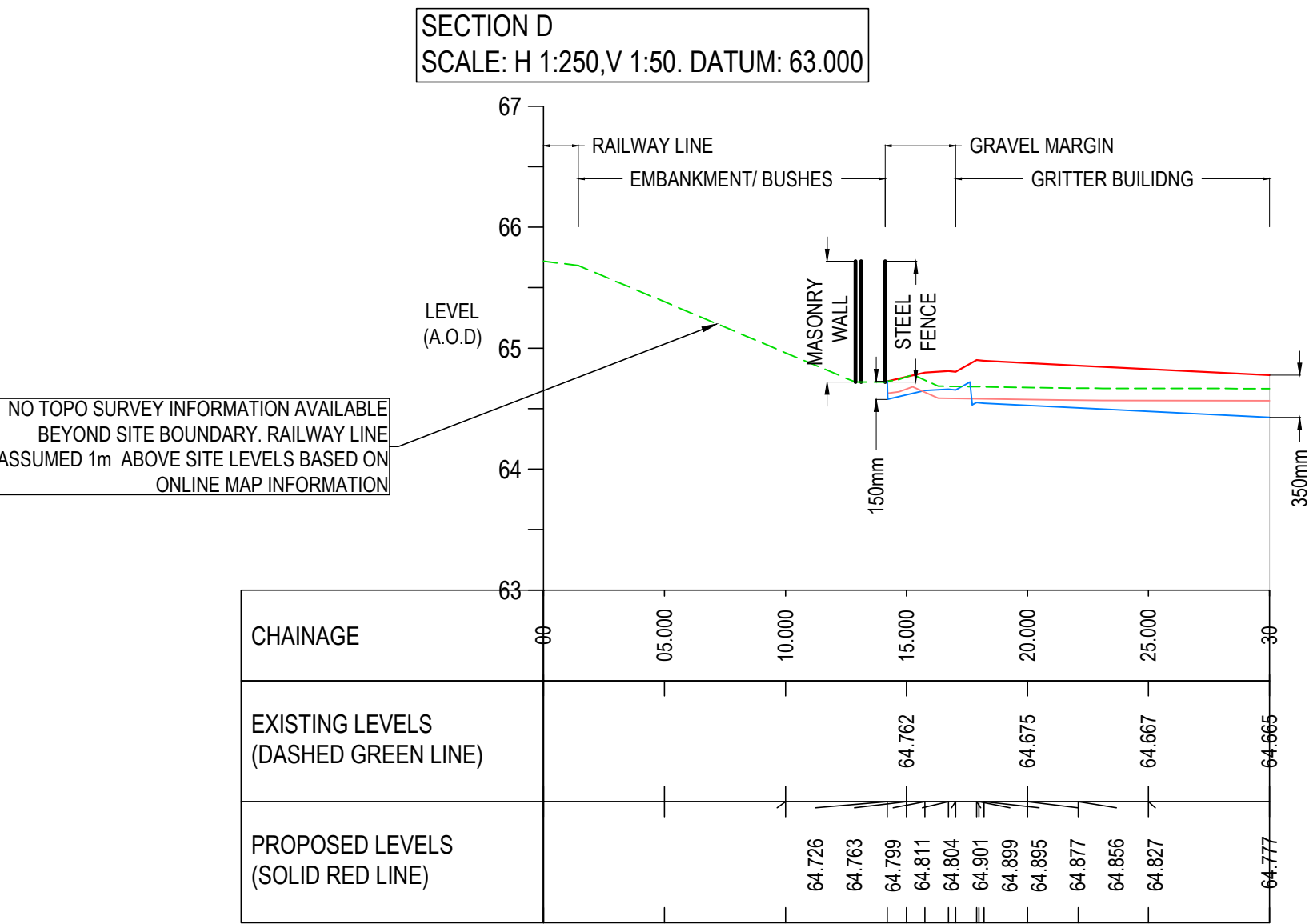
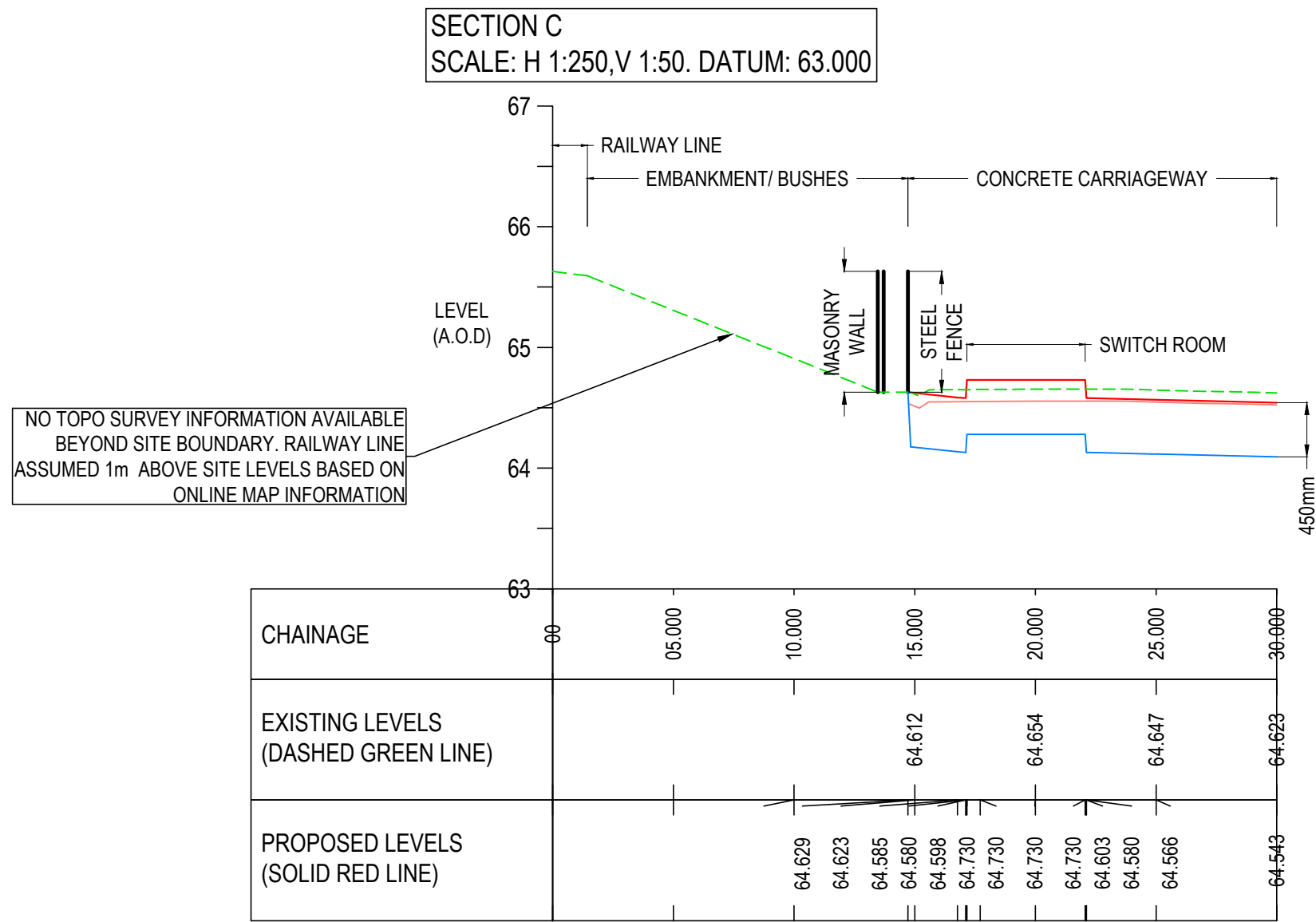
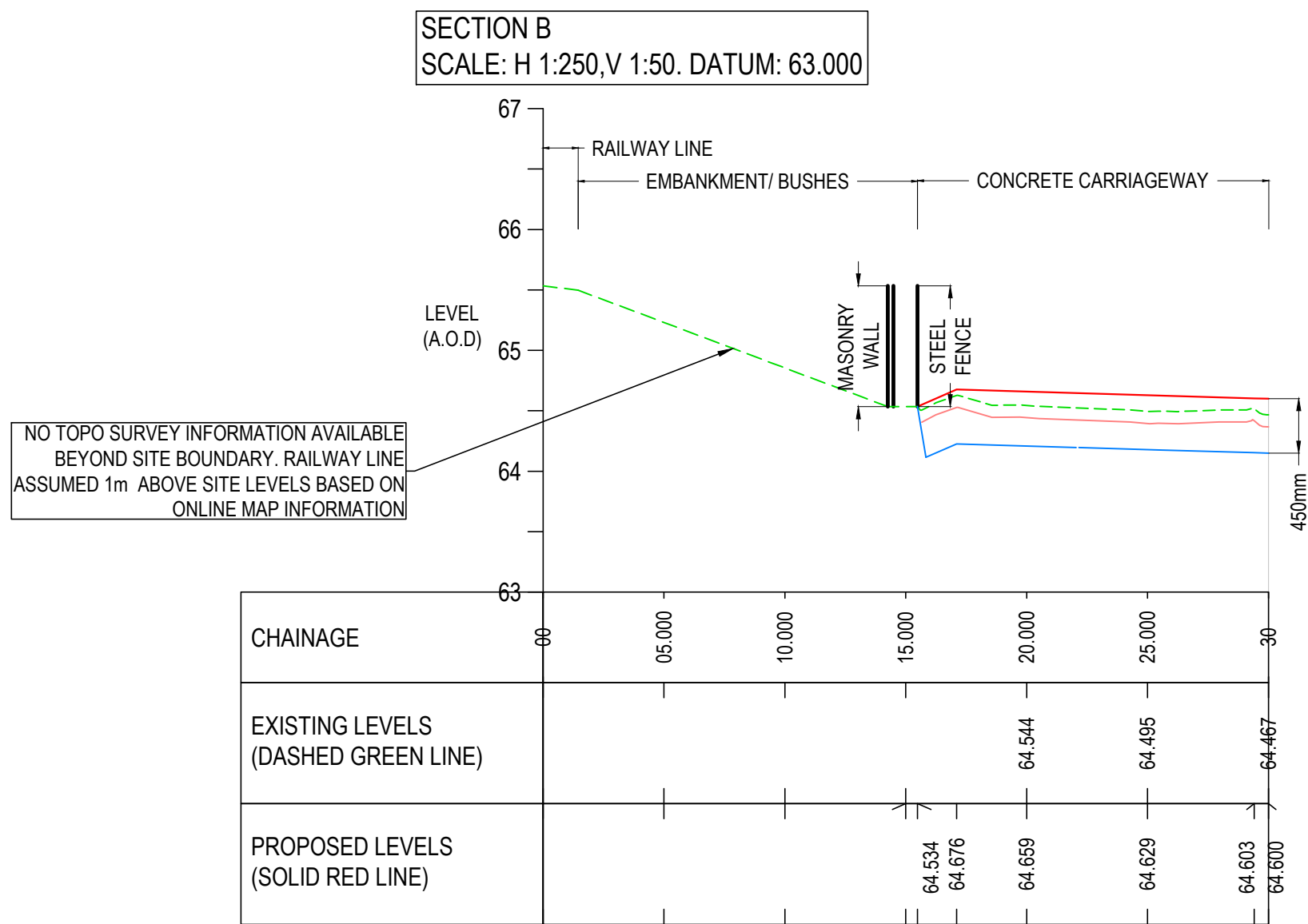
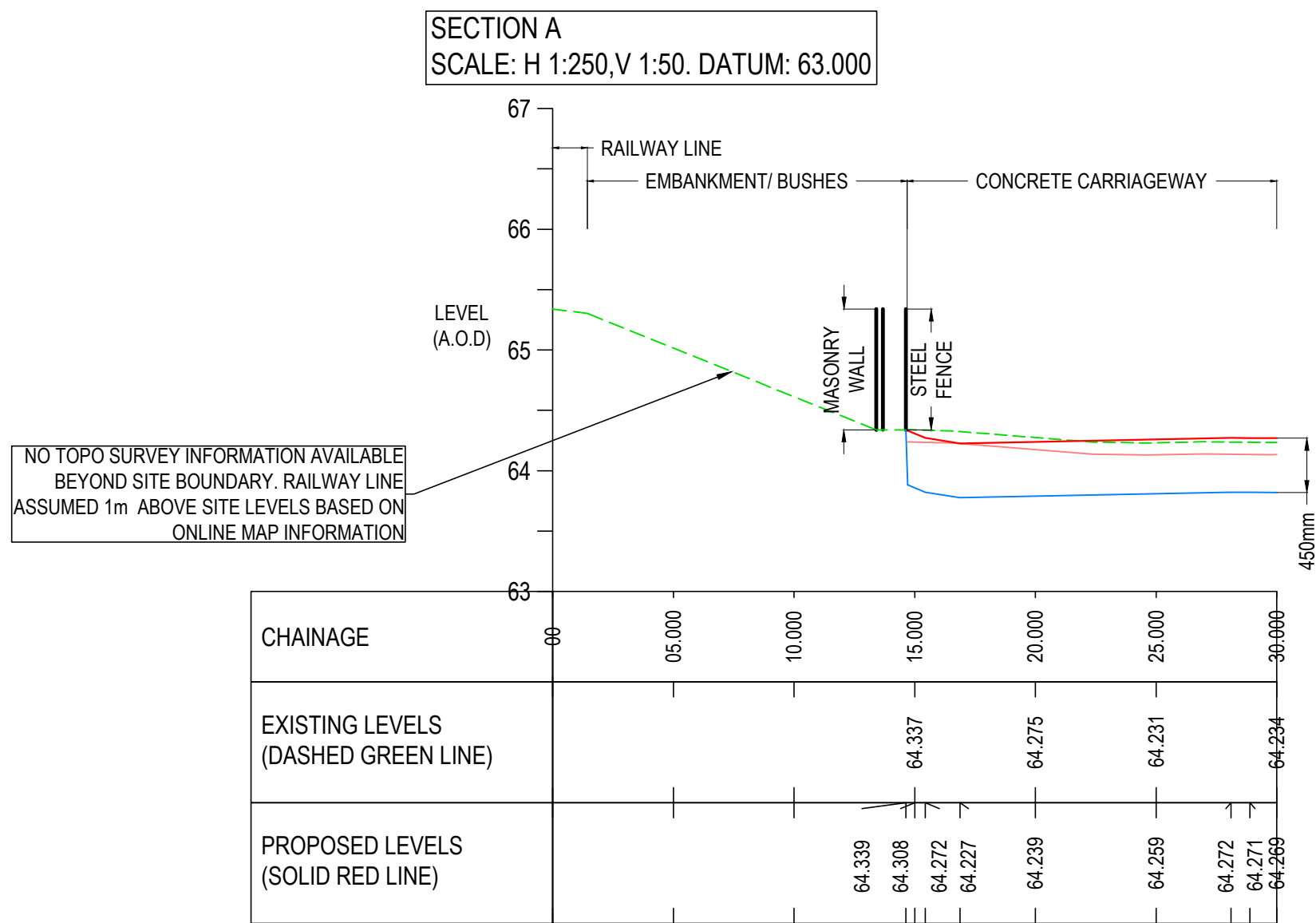
Project: **HAMMERSTONE ROAD**

Orig Title: **PROPOSED EXTERNAL LEVELS
ADJACENT TO RAILWAY LINE**

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	04.02.22	ATL	ATL	MW

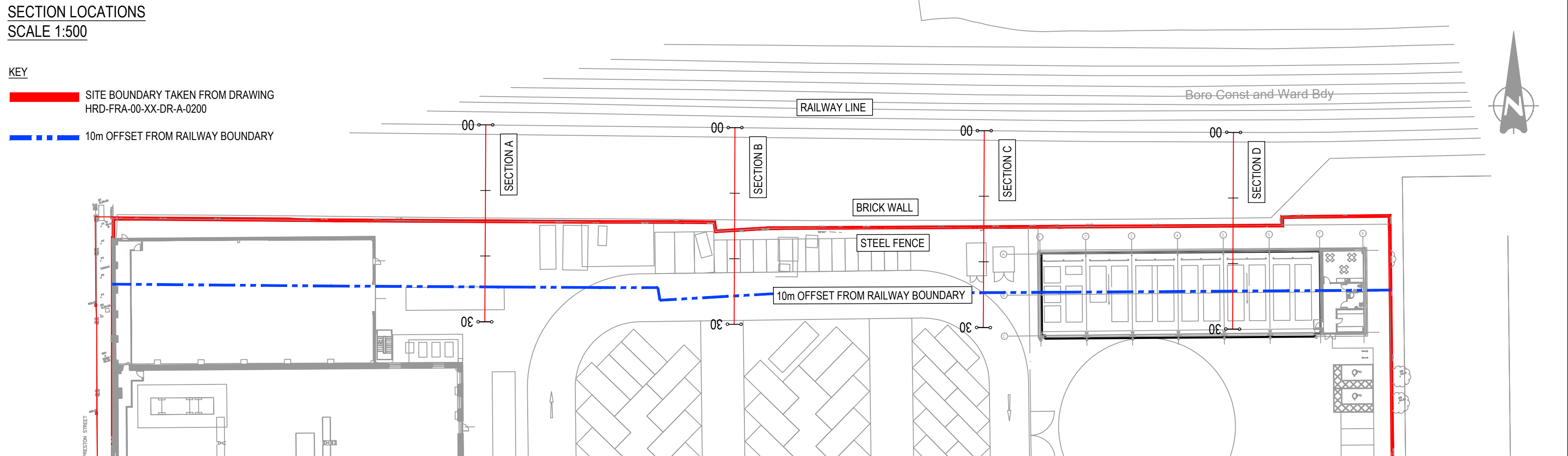
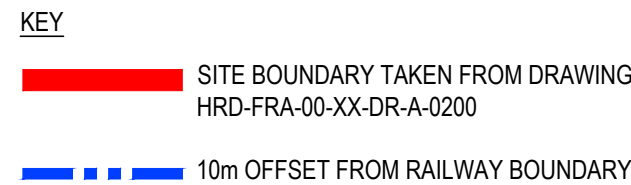
Scale: 1:250	Project No:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:
	HRD	- CUR	- XX	- 00	- DR	- C	- 91-620	-P01

\\nas02\Projects\068065 - 068065 - Hammerstone Road Depot\GIS 4 Production\B Models & Drawings - Civil\CCAD1



FOR CONSTRUCTION DEPTHS REFER TO DRAWING HRD-CUR-XX-00-DR-C-94-700

SECTION LOCATIONS
SCALE 1:500



THIS DRAWING IS BASED ON:

PROPOSED SITE PLANS

- HRD-FRA-00-XX-DR-A-90-0200 REV P9 GA
- HRD-FRA-00-XX-DR-A-90-0210 REV P6 EXTERNAL WORKS
- HRD-FRA-00-XX-SK-A-90-9001 REV P1 PROPOSED ALTERNATE LOWER LEVEL CAR PARK LAYOUT SKETCH

GROUND FLOOR PLANS

- HRD-FRA-01-XX-DR-A-43-1531 REV C1 PROPOSED MCC FLOOR FINISHES PLAN
- HRD-FRA-01-XX-DR-A-43-1532 REV C1 PROPOSED BIFFA FLOOR FINISHES PLAN
- HRD-FRA-02-00-DR-A-20-2201 REV C1 PROPOSED GA GROUND FLOOR PLAN GRITTER GARAGE
- HRD-FRA-02-XX-DR-A-90-2001 REV C1 PROPOSED WINTER MAINTENANCE AREA
- HRD-FRA-04-XX-DR-A-20-4001 REV C1 PROPOSED WASHDOWN AREA PLAN
- HRD-FRA-05-XX-DR-A-20-5001 REV P3 PROPOSED REFUEL AREA PLAN

TOPOGRAPHICAL & BUILDING SURVEYS

- S15724-1F-01 REV - BUILDING SURVEY
- S15724-GF-03 REV A BUILDING SURVEY
- S15724-T-01 REV - TOPO SURVEY

PHASE 2 SITE INVESTIGATION REPORT
068065-CUR-00-XX-RP-GE-002-V01

- NOTES
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS AND SPECIFICATIONS.
 - DO NOT SCALE FROM THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON THIS DRAWING SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE VERIFIED ON SITE.
 - ALL LEVELS ARE IN METRES ABOVE ORDINANCE DATUM UNLESS NOTED OTHERWISE.
 - ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.

PROPOSED LEVELS NOTES

- ALL AMBIGUITIES, ERRORS OR OMISSIONS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY.
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- ALL KERBS ASSUMED TO HAVE 100MM UPSTAND EXCEPT FOR DROPPED KERBS AS NOTED.
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 - 25mm UPSTAND FOR VEHICULAR CROSSINGS
- THE CUT/FILL VOLUMES HAVE BEEN CALCULATED USING A COMPARISON BETWEEN THE FINISHED SITE STRIP LEVELS AND PROPOSED FINISHED LEVEL FORMATIONS.
- THE TOPO HAS BEEN ASSUMED TO BE REPRESENTATIVE OF THE SITE UPON WORKS COMMENCEMENT OF EARTHWORKS OPERATIONS. CURTINS ACCEPT NO LIABILITY FOR VARIATION FROM THE PROVIDED TOPOGRAPHICAL SURVEY.

P01	ISSUED FOR PLANNING CONDITION DISCHARGE	04.02.22	ATL	MW
Rev:	Description:	Date:	By:	Chkd:

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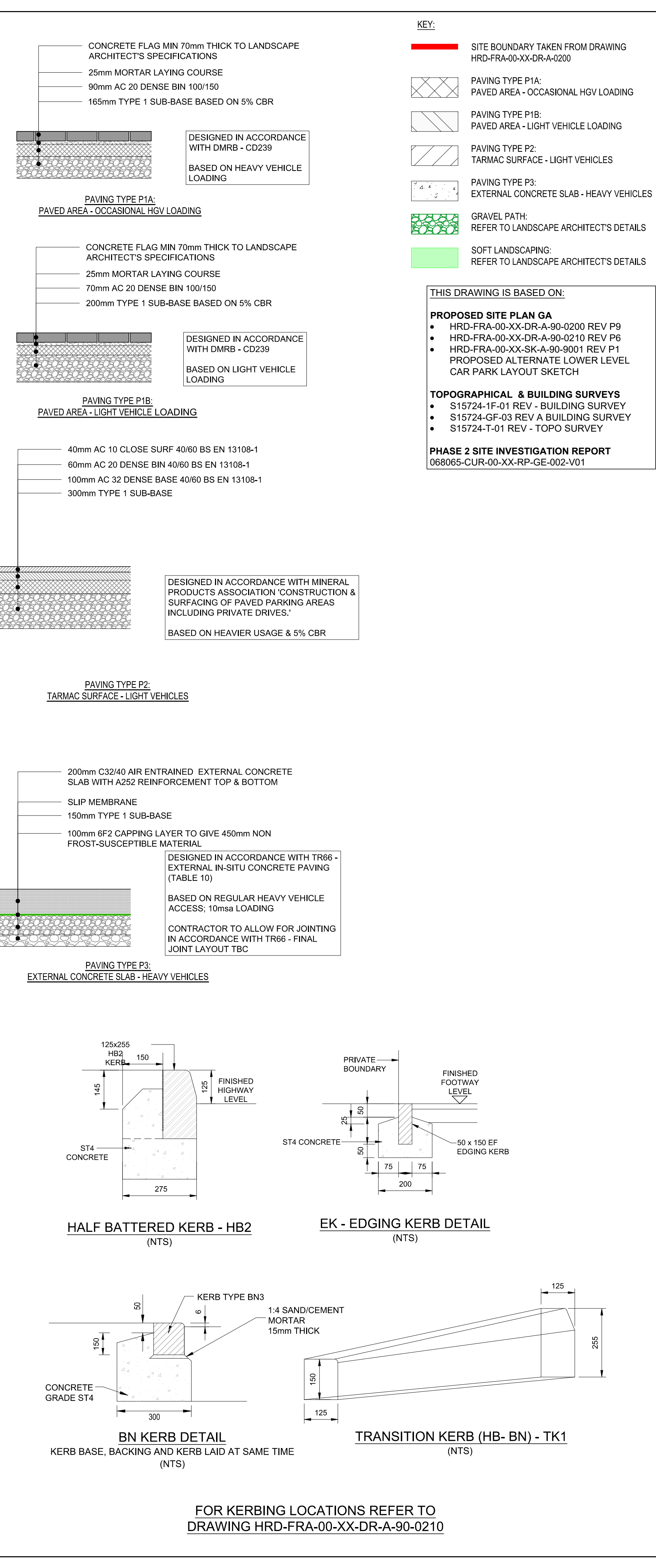
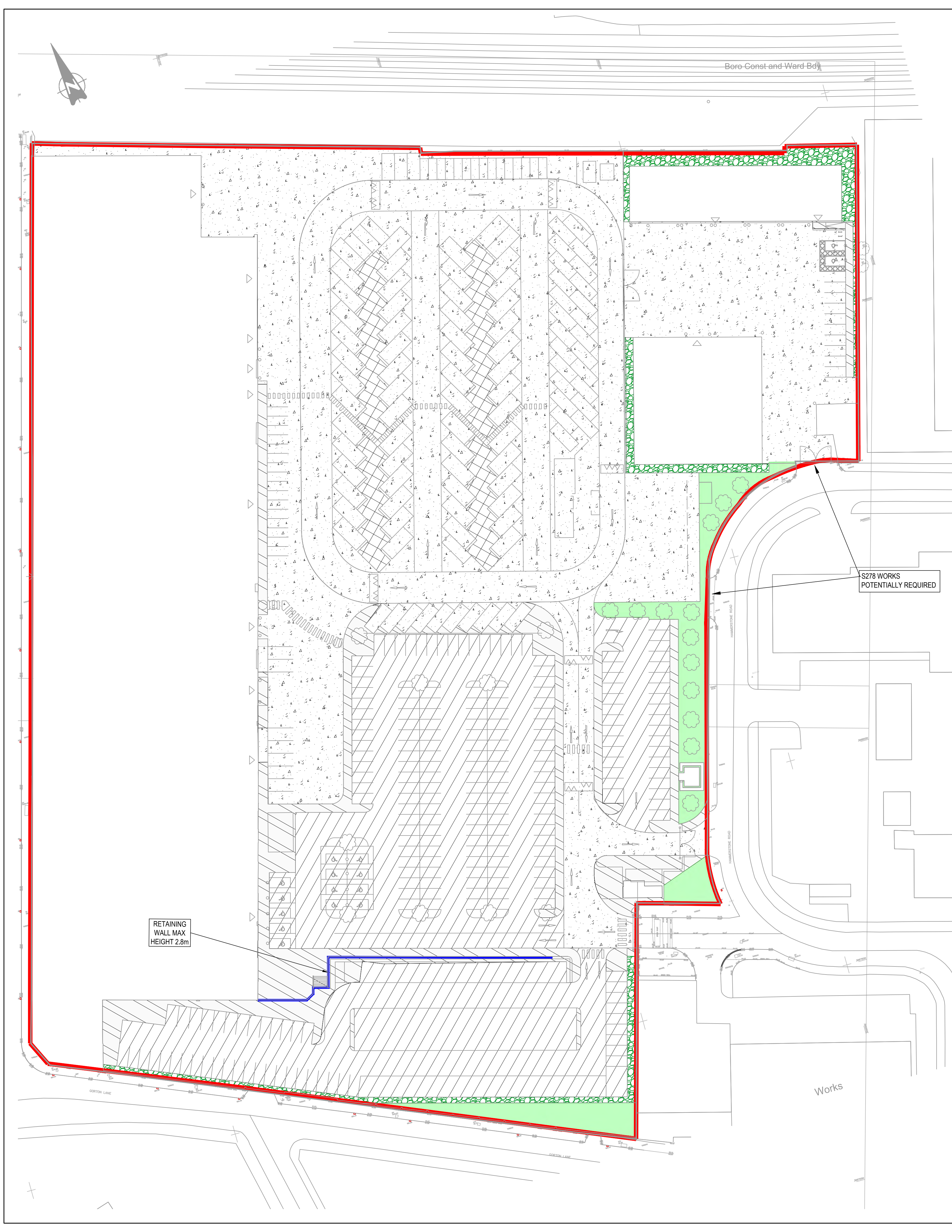
Status: APPROVAL

Project: HAMMERSTONE ROAD

Orig Title: PROPOSED SECTIONS THROUGH RAILWAY LINE BOUNDARY

Project No:	Size:	Date:	Drawn By:	Designed By:	Checked By:		
068065	A1	04.02.22	ATL	ATL	MW		
	Scale: AS SHOWN						
Project Code:	Originator:	Zone:	Level:	Type:	Discipline:	Category / Number:	Rev:

HRD - CUR - XX - 00 - DR - C - 91-621 -P01



GENERAL NOTES:

- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
- DO NOT SCALE THIS DRAWING. ANY AMBIGUITIES, OMISSIONS AND ERRORS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
- ALL WORKS AND MATERIALS TO BE IN ACCORDANCE WITH CURRENT BRITISH STANDARDS AND BUILDING REGULATIONS.
- THE LANDSCAPE ARCHITECT'S DRAWING HAS BEEN USED AS A BASE FOR THIS PLAN. PLEASE REFER TO THE LATEST LANDSCAPING LAYOUT.
- REFER TO LANDSCAPE ARCHITECTS SPECIFICATION FOR SURFACE FINISHES.
- KERBING REQUIREMENTS/DETAILS TO BE CONFIRMED BY LANDSCAPE ARCHITECT.
- REFER TO LANDSCAPE ARCHITECTS SPECIFICATION FOR JOINTING MATERIAL. CONSIDERATION REQUIRED OF COMPATIBILITY OF JOINTING AND BEDDING MATERIAL AND WHETHER SUB-SURFACE DRAINAGE IS REQUIRED.
- ALL SUB-BASES AND CAPPING LAYERS TO BE GRADED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SFHW).
- ALL PAVEMENT CONSTRUCTIONS ARE BASED ON AN ASSUMED CBR VALUE OF 5%. TO BE CONFIRMED BY INSITU TESTING AT FORMATION.
- IT IS RECOMMENDED THAT CBR TESTS ARE CARRIED OUT TO CONFIRM AND SUB-BASE ADJUSTED IN ACCORDANCE WITH THE CAPPING AND SUB-BASE THICKNESS TABLE.
- CBR TEST PROCEDURE IS DETAILED WITHIN DMRB IAN73/06 AND BS 1377-4.
- MEASURED CBR VALUE TO BE AT FORMATION LEVEL AND TO BE A 'SOAKED' CONDITION.
- ANY VARIATIONS IN GROUND CONDITIONS SHOULD BE NOTIFIED TO THE ENGINEER PRIOR TO CONSTRUCTION.
- THE CONSTRUCTION DEPTHS GIVEN ARE THE MINIMUM REQUIRED (COMPACTED).
- THE CONSTRUCTION DEPTHS GIVEN ASSUME FORMATION IS NON-FROST SUSCEPTIBLE.
- WHERE FORMATION IS FROST SUSCEPTIBLE PROVIDE CAPPING MATERIAL TO GIVE A MINIMUM 450mm OVERALL CONSTRUCTION THICKNESS.
- THE CONSTRUCTIONS GIVEN ARE FOR PRIVATE AREAS ONLY AND NOT FOR ADAPTABLE AREAS.
- IN AREAS WHERE LEVELS ARE TO BE RAISED, ACCEPTABLE FILL MATERIAL IS TO BE USED TO THE UNDERSIDE OF THE PROPOSED CONSTRUCTION MAKE UP.
- NO REGULATING OR FILL MATERIAL HAS BEEN INCLUDED IN CONSTRUCTION BUILD UP. CONTRACTOR TO INCLUDE FOR REGULATING/FILL MATERIAL IN THEIR RATES.
- IN AREAS WHERE LEVELS ARE TO BE LOWERED, EXISTING CONSTRUCTION IS TO BE REMOVED (FULL DEPTH).
- CONSTRUCTION OF CONCRETE SURFACES SUBJECT TO CASTING IN APPROPRIATE BAY SIZES / LENGTHS.
- CONTRACTOR TO ALLOW FOR CONTRACTION JOINTING WITHIN CONCRETE AREAS.
- TYPE 1 SUB-BASE IN ACCORDANCE WITH SFHW.
- CAPPING MATERIAL TO BE 6F1, 6F2 OR 6F5 MATERIAL IN ACCORDANCE WITH SFHW 600 SERIES.

Rev.	Description:	Date:	By:	Chkd:
P09	UPDATED IN LINE WITH REVISED ARCHITECT'S SITE PLAN	05.08.21	ATL	MW
P08	UPDATED IN LINE WITH ARCHITECT'S COMMENTS	27.04.21	ATL	MW
P07	DRAWING NUMBER CHANGE	15/04/21	ATL	ATL
P06	STAGE 4 UPDATE: LAYOUT UPDATED	13.04.21	ATL	MW
P05	STAGE 4 ISSUE	12.04.21	ATL	MW
P04	STAGE 3 - PAVING TYPE P4 AMENDED	21.12.20	ATL	ATL
P03	STAGE 3 - SITE PLAN UPDATED	02.12.20	MW	MW
P02	STAGE 3 UPDATE	16.11.20	ATL	MW
P01	ISSUED FOR STAGE 3	29.01.19	MW	CG

Rev:

Description:

Date:

By:

Chkd:

STAGE 4

HAMMERSTONE ROAD

EXTERNAL SURFACES

Project No:	Size:	Date:	Drawn By:	Designed By:	Checked By:
068065	A1	29.01.19	MW	MW	CG
Scale: 1:500					
Project Code:	Originator:	Zone:	Level:	Type:	Discipline:
HRD	- CUR	- XX	- 00	- DR	- C -
					94-700
					-P09

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Umsd/2/Projects/068001 - 068000/068065 - Hammerstone Road Depot/CMS 4 Production/4B Nodes & Drawings - Cmt-CCAA/

Appendix C

HRD-FRA-00-XX-DR-A-90-0210 Proposed Site External Works Plan



Refer to Curtins drawing HRD-CUR-XX-00-DR-C-91-602 for external levels

Refer to Curtins drawing HRD-CUR-XX-00-DR-C-94-700 for type & extent of external hardstanding surfaces

General Notes

Do not scale from this drawing. Only work to written dimensions.

All site dimensions shall be verified by the Contractor on site prior to commencing any works.

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MORGAN SINDALL

- Site Boundary
- Indicative Thermoplastic White Lining, final layout TBC
- Proposed Paving NBS: Q25 120A
- Proposed Soft Landscaping NBS: Q29 & Q30 115
- Refer to Curtins drawings for external hardstanding surface finishes
- Proposed Gravel Margin NBS: Q23 172A
- 2.4m Paladin Fence NBS: Q40 355B
- Palisade Fence to match existing NBS: Q40 350A
- Balustrade NBS: Q41 110A
- Bollards NBS: Q50 190B
- Armco Vehicle Barrier NBS: Q41 135A
- Tactile Paving Type 1 NBS: Q25 123A
- Tactile Paving Type 2 NBS: Q25 124A
- Standard HB Kerb NBS: Q10 110A
- Dropped Kerb NBS: Q10 110A
- Pin Kerb NBS: Q10 111A
- Speed Hump refer to drawing HRD-FRA-00-DR-A-90-0212
- HGV Wheel Stop NBS: Q50 191A
- 22no. New Native Trees (Types TBC under Planning Condition) based on 2 for 1 replacement

Notes:

- 8no. House Sparrow nest boxes to be built into the western facade of the Loco Shed as specified in Enviro Solutions Bat Survey
- Pest Control Bee Hives relocated from Hooper Street Depot to the south east corner of the Hammerstone Road Depot site
- Existing fences are to be retained and repaired where necessary
- All proposed external materials subject to approval with the Planning Authority

P7	Gatehouse and surrounding area updated, lower car park layout amended to reduce retaining load on the Gorton Lane boundary wall	2021.10.15	AT	AT
P6	Speed humps and additional white lining indicated	2021.07.06	AS	AT
C3	Number of proposed trees increased based on 2 for 1 replacement, Sparrow nesting box note added, Bee Hive reference added	2021.05.11	AS	AT
C2	Gatehouse area amended and visitor parking added, nbs refs added, kerb, tactile paving and wheelstop notes added	2021.05.07	AS	AT

Rev.	Description	Date	ISS	APP
Scale	As indicated @ A1			
Status	S2 Information			
Drawn By	JB			
Checked By	AT			
Date	21.08.20			
Client:				

Morgan Sindall

Project:
**18021 Hammerstone Road
Manchester**

Sheet Name:

Proposed Site External Works Plan

Project No. Orig. Zone Level Type Role CIs Dwg No. Rev
HRD-FRA-00-XX-DR-A-90-0210 P7

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