KEY

+65.53 EXISTING GROUND LEVEL

+65.50 PROPOSED FINAL GROUND LEVEL (LEVELS ASSUME FLUSH ACCESS AT ALL ENTRANCES)

600RW EXTENTS OF PROPOSED RETAINING STRUCTURE WITH HEIGHT. REFER TO 3E STRUCTURAL DRAWINGS FOR DETAILS.

ALDI FOODSTORE – HIGH STREET – ROYSTON
VOLUMETRIC ANALYSIS – 04.11.14

EXISTING SITE STRIP IS ASSUMED TO BE 0mm

APPROXIMATE STRIP AREA = 11,255m2
(INCLUDING ALL BATTERS & SLOPES)

APPROXIMATE STRIP VOLUME = 0m3

CUT/FILL ANALYSIS BETWEEN EXISTING SITE LEVELS AND PROPOSED FORMATION LEVELS

BUILD UP THICKNESS – ASSUMING 5% CBR

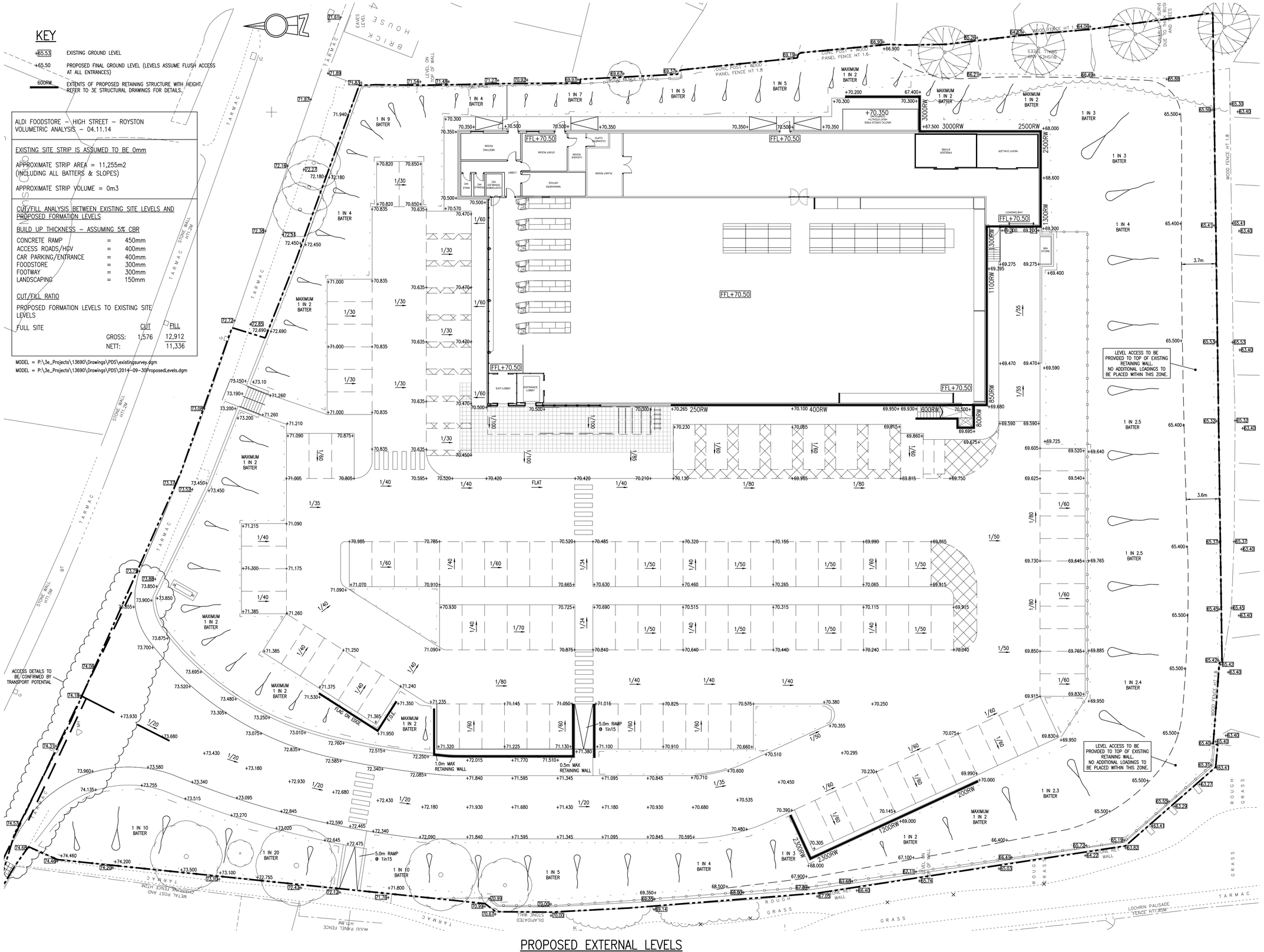
CONCRETE RAMP	=	450mm
ACCESS ROADS/HGV	=	400mm
CAR PARKING/ENTRANCE	=	400mm
FOODSTORE	=	300mm
FOOTWAY	=	300mm
LANDSCAPING	=	150mm

CUT/FILL RATIO

PROPOSED FORMATION LEVELS TO EXISTING SITE LEVELS

FULL SITE	CUT	FILL
GROSS:	1,576	12,912
NETT:		11,336

MODEL = P:\3e_Projects\13690\Drawings\PDS\existingsurvey.dgm
MODEL = P:\3e_Projects\13690\Drawings\PDS\2014-09-30ProposedLevels.dgm



PROPOSED EXTERNAL LEVELS

(SCALE 1:200)

SUBJECT TO THE APPROVAL OF ALL RELEVANT AUTHORITIES

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Note for Contractors

This 3E drawing should be considered along with the risk information contained in the CDM Pre Construction Information. This information will include details of the SIGNIFICANT risks which 3E have identified which may arise from constructing the designs shown on this drawing. A competent Contractor should be aware of the typical risks associated with doing this work.

Note for Workers

DO NOT START YOUR WORK unless you know the Risks and Controls relating to the work on this drawing (including SAFE SEQUENCES OF WORK and EQUIPMENT).

STOP

Do not issue copies of parts of this drawing without the above Note for Workers (unless you are sure that the Workers can undertake the work safely).

HEALTH & SAFETY
1. CONTRACTOR SHOULD BE AWARE OF GENERAL CONSTRUCTION RISKS TO PREVENT SLIPS, TRIPS AND FALLS AND TAKE NECESSARY PRECAUTIONS WITHOUT SPECIAL INSTRUCTION.

ROADS & DRAINAGE
2. CONTRACTOR TO PROVIDE TRENCH SUPPORTS AS APPROPRIATE AND ENSURE THAT PLANT REMAINS A SAFE DISTANCE FROM TRENCHES PRIOR TO INSTALLING DRAINAGE
3. THE TIME THAT EXCAVATIONS ARE OPEN ON SITE SHOULD BE KEPT TO A MINIMUM AND ALL TRENCHES SHOULD BE SURROUNDED BY A BARRIER.
4. CONNECTIONS TO EXISTING SEWERS TO ONLY BE MADE BY THE RELEVANT WATER AUTHORITY APPROVED CONTRACTOR.
5. CONTRACTOR TO MAKE OPERATIVES AWARE OF ASSOCIATED DANGERS TO HEALTH SUCH AS LEPTOSPIROSIS (WEILS DISEASE) AND RECOMMENDED PRECAUTIONS. ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING TO BE PROVIDED AS REQUIRED.
6. UNFINISHED MANHOLES MUST BE COVERED WITH LOAD BEARING MATERIALS AND SURROUNDED WITH BARRIER.

PIPES & CABLES
7. ALL EXISTING SERVICE RECORDS TO BE OBTAINED FROM THE M&E CONSULTANT.
8. THE CONTRACTOR SHOULD BE AWARE OF AND REFER TO ALL THE RELEVANT SERVICE RECORDS PRIOR TO ANY WORK COMMENCING. ALL NECESSARY PERMISSIONS AND PROTECTION MEASURES TO BE IN PLACE PRIOR TO ANY EXCAVATION WORKS. FOR THE AVOIDANCE OF DOUBT ANY DISCREPANCIES SHOULD BE REPORTED TO THE M&E AND CIVIL CONSULTANTS IMMEDIATELY. THE CONTRACTOR SHOULD PROCEED WITH CAUTION AND LOCATE ALL SERVICES BY HAND DIG ONLY.

EXCAVATION/FILL
9. CONTRACTOR TO ENSURE RELEVANT MEASURES ARE TAKEN TO KEEP PLANT AND PEOPLE A SAFE DISTANCE FROM STEEP SLOPES DURING THE WORKS.
10. CONTRACTOR TO ENSURE THAT PROCEDURES ARE IN PLACE TO KEEP PEOPLE A SAFE DISTANCE FROM WORKING PLANT WHERE NECESSARY.
11. CONTRACTOR TO REFER TO GROUND INVESTIGATION REPORT FOR CONTAMINATION TESTS AND TO PROVIDE ADEQUATE WELFARE FACILITIES AND PROTECTIVE CLOTHING AS REQUIRED.
12. ALL IMPORTED FILL MATERIAL, COMPACTION METHOD AND TESTING REGIME TO BE IN ACCORDANCE WITH THE CURRENT 3E CONSULTING ENGINEERS EARTHWORKS SPECIFICATION.

Date	Revisions	Drawn	Rev.
19.06.17	INITIAL ISSUE.	JM	P1

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Client
Aldi Stores Limited (Goldthorpe North)

Project
Proposed Aldi Store
High Street, Royston

Title
Proposed External Levels

Scale	Author	Checked	Date
1:200	JM	ST	June '17

Drawing Status
Preliminary

Job Number	Originator	Zone	Level	Type	Role	Drawing No.	Rev
13690	3E	00	XX	DR	C	2000	P1