

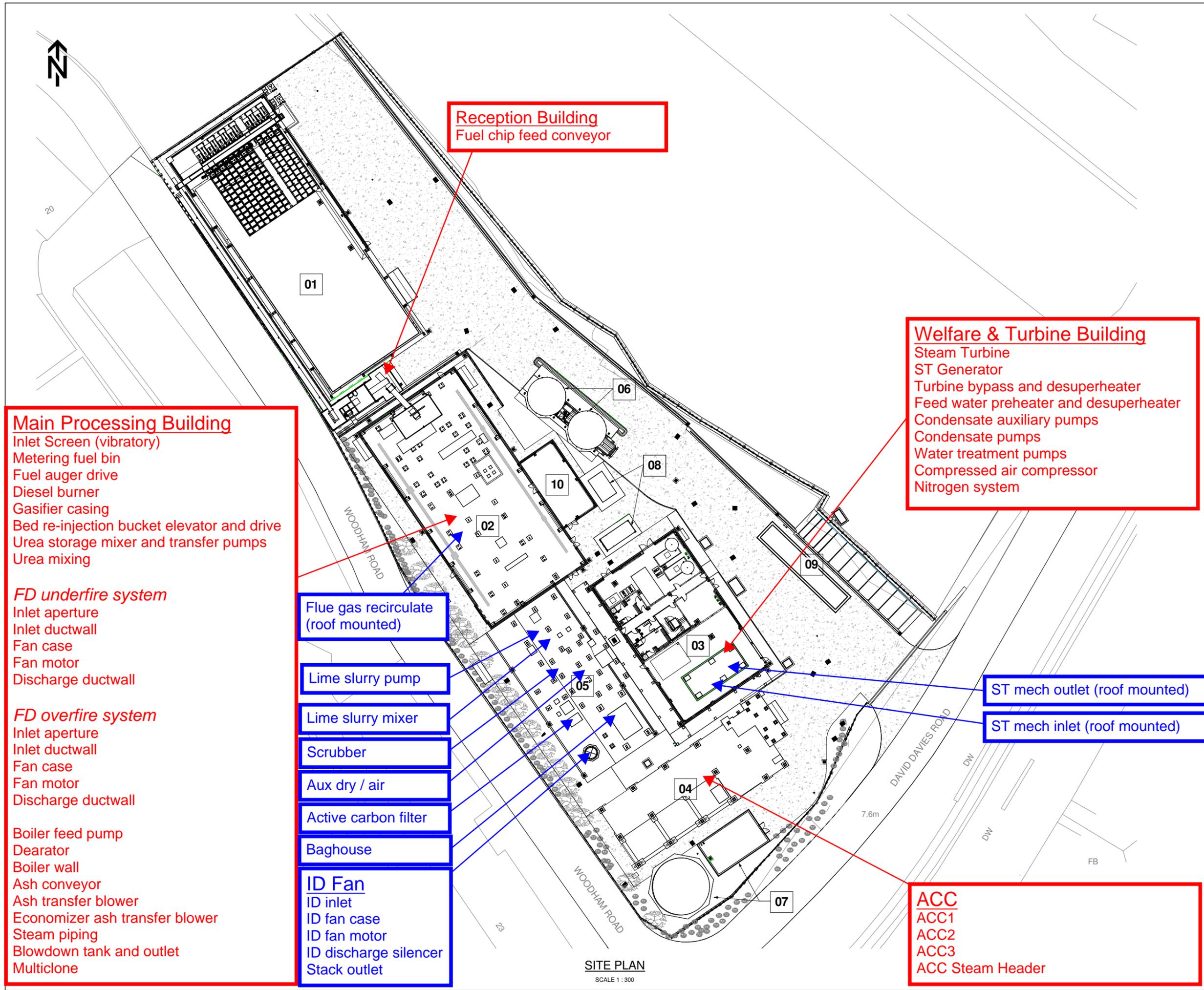
NOTES

GENERAL

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN MILLIMETRES (mm) & ALL LEVELS ARE IN METRES (m) AOD, UNLESS STATED OTHERWISE.
3. ALL DIMENSIONS & LEVELS TO BE CHECKED ON SITE AND ANY DISCREPANCIES SHOULD BE REPORTED TO GHD LIVIGUNN.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT PROJECT STANDARDS AND SPECIFICATIONS.

LEGEND

- 01 RECEPTION BUILDING
- 02 MAIN PROCESS BUILDING
- 03 WELFARE & TURBINE BUILDING
- 04 ACC STRUCTURE
- 05 FGT SLAB
- 06 ASH SILOS
- 07 FIRE WATER TANK & PUMPHOUSE
- 08 GENERATOR & FUEL TANK
- 09 WEIGHBRIDGE
- 10 AIR BLAST COOLERS



Reception Building
Fuel chip feed conveyor

Welfare & Turbine Building
Steam Turbine
ST Generator
Turbine bypass and desuperheater
Feed water preheater and desuperheater
Condensate auxiliary pumps
Condensate pumps
Water treatment pumps
Compressed air compressor
Nitrogen system

Main Processing Building
Inlet Screen (vibratory)
Metering fuel bin
Fuel auger drive
Diesel burner
Gasifier casing
Bed re-injection bucket elevator and drive
Urea storage mixer and transfer pumps
Urea mixing

FD underfire system
Inlet aperture
Inlet ductwall
Fan case
Fan motor
Discharge ductwall

FD overfire system
Inlet aperture
Inlet ductwall
Fan case
Fan motor
Discharge ductwall

Boiler feed pump
Dearator
Boiler wall
Ash conveyor
Ash transfer blower
Economizer ash transfer blower
Steam piping
Blowdown tank and outlet
Multiclone

Flue gas recirculate (roof mounted)

Lime slurry pump

Lime slurry mixer

Scrubber

Aux dry / air

Active carbon filter

Baghouse

ID Fan
ID inlet
ID fan case
ID fan motor
ID discharge silencer
Stack outlet

ST mech outlet (roof mounted)

ST mech inlet (roof mounted)

ACC
ACC1
ACC2
ACC3
ACC Steam Header

SITE PLAN
SCALE 1 : 300

2D EXPORT FROM A 3D MODEL
ALL ALTERATIONS TO BE MADE IN THE MODEL FILE

PRELIMINARY

Rev	Date	Description	By	Chk	App
C	17.11.16	SITE LAYOUT UPDATED	JW	MS	GB
B	14.04.16	SITE LAYOUT UPDATED	JW	MS	GB
A	24.03.16	FIRST ISSUE	JW	MS	GB

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GHD LIVIGUNN

CLIENT
GallifordTry

PROJECT
BARRY BIOMASS UK NO 2 LIMITED

TITLE
SITE LAYOUT

SCALE 1:300	DRAWING SIZE A1
DWG No. BARRY_01_DWG_01_20100	REV. C