

A3

A

B

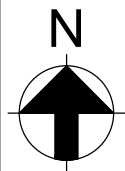
C

D

E

F

G



1

2

3

4

5

6

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Do not scale

Legend

Site Boundary

I1	24/10/16	DM	NM	GLD
Issued for Information				
Rev	Date	By	Chkd	Appd

ARUP

Scotstoun House, South Queensferry
West Lothian, EH30 9SE
T +44(0)131 331 1999
www.arup.com

Client
MVV Environment Services Ltd.

Project Title
Energy from Waste Combined
Heat and Power Facility, Forties
Road, Dundee

Drawing Title
PAN Site Boundary

Scale at A3 1:2500

Role Consultancy

Suitability Issue

Arup Job No
245510-00

Name
PA 01
(SK-PAN-003)

Rev
I1

© Arup

A3

A

B

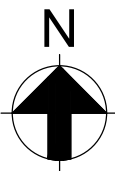
C

D

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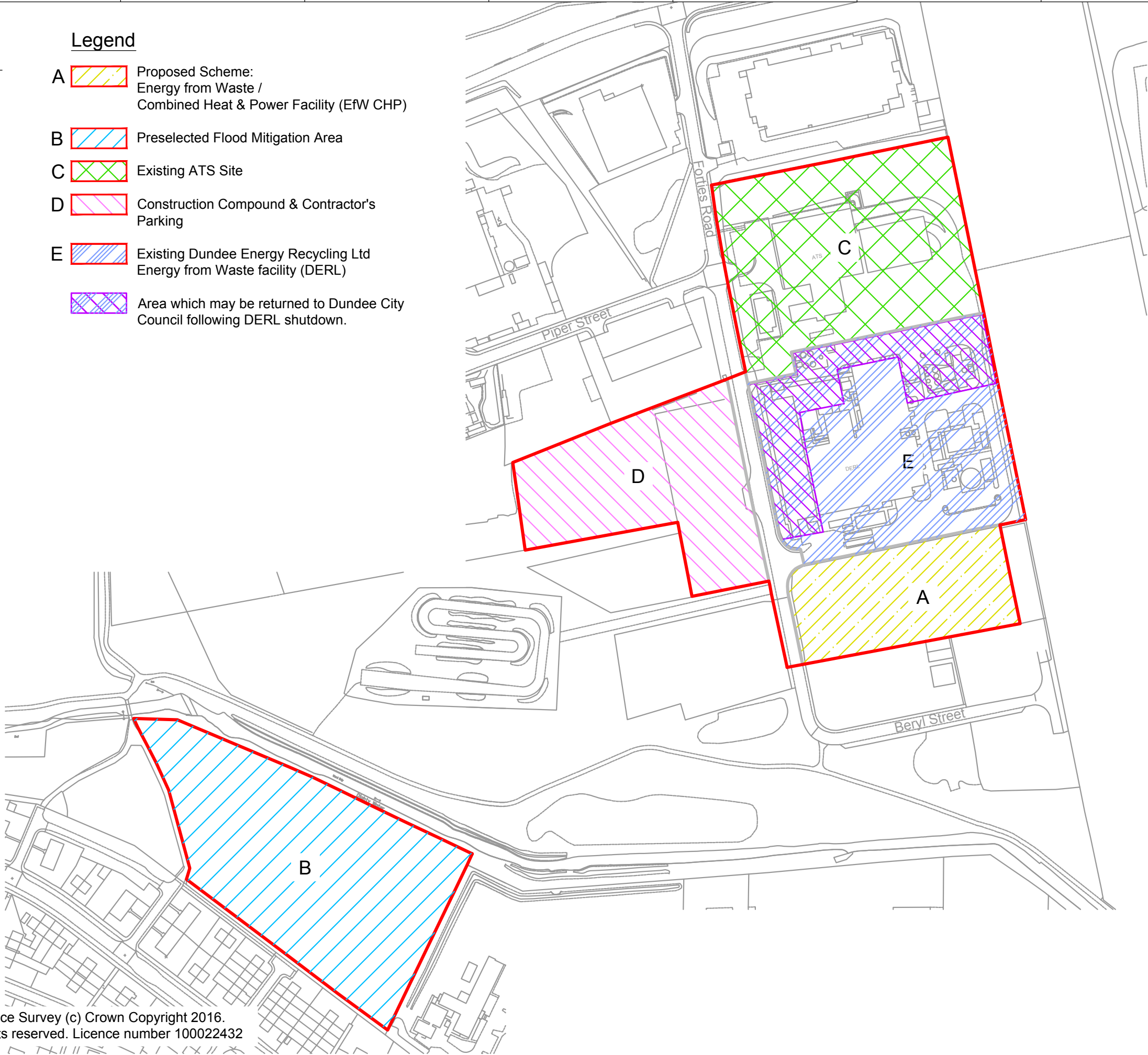
F

G



Legend

- A  Proposed Scheme:
Energy from Waste /
Combined Heat & Power Facility (EfW CHP)
- B  Preselected Flood Mitigation Area
- C  Existing ATS Site
- D  Construction Compound & Contractor's
Parking
- E  Existing Dundee Energy Recycling Ltd
Energy from Waste facility (DERL)
-  Area which may be returned to Dundee City
Council following DERL shutdown.



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Do not scale

I8	25/10/16	ML	NM	GLD
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Energy from Waste Combined
Heat and Power Facility, Forties
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Drawing Title
PAN Site Location

Scale at A3 1:2500

Role Consultancy

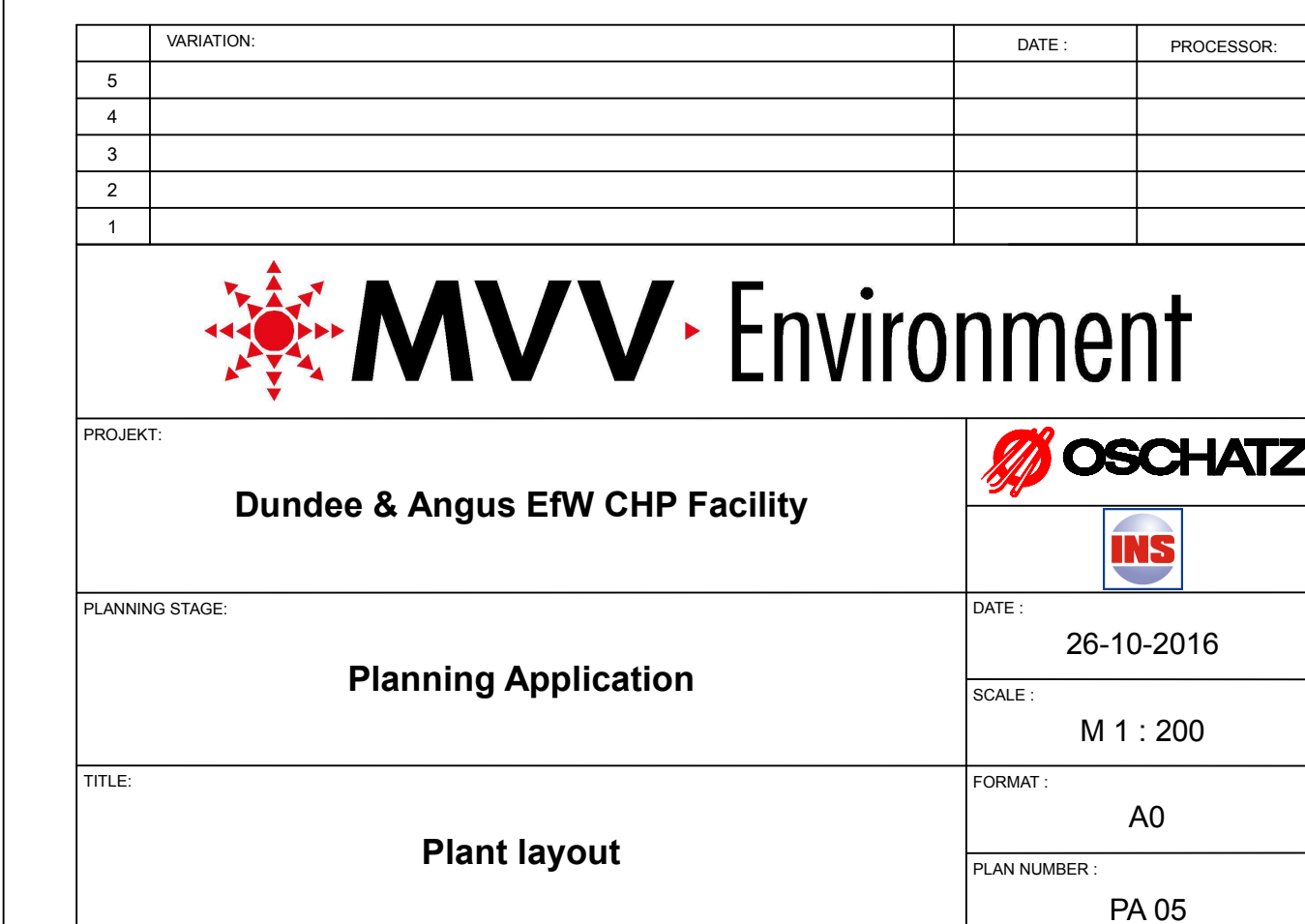
Suitability Issue

Arup Job No
245510-00

Rev
I8

Name
PA 02
(SK-PAN-002)

© Arup





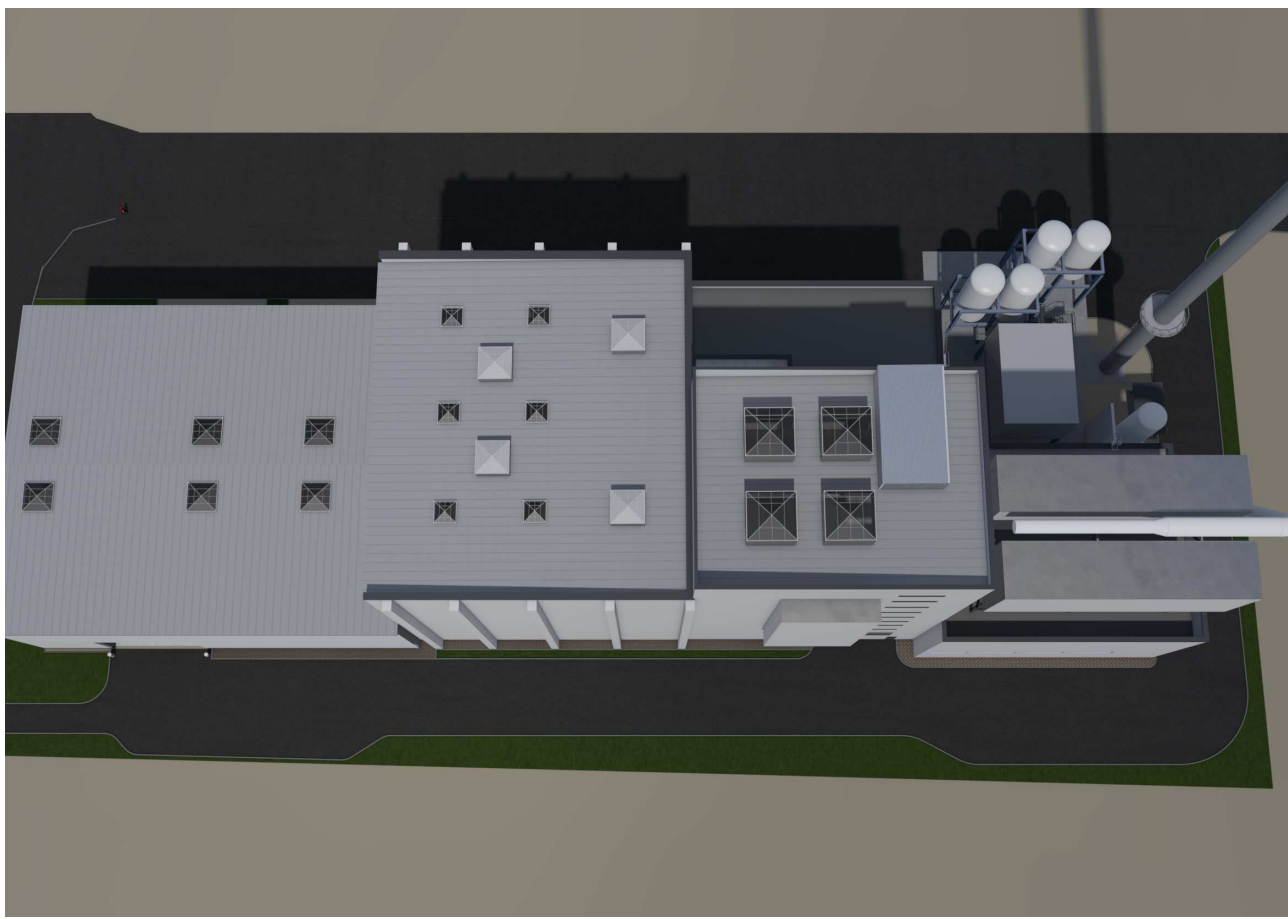
NORTH VIEW



NORTH-EAST VIEW



NORTH-WEST VIEW



TOP VIEW

VARIATION		DATE	PROCESSOR
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4			
3			
2			
1			
			
PROJECT			
Dundee & Angus EFW CHP Facility		26-10-2016	
PLANNING STAGE		SCALE	
Planning Application		M 1 : 200	
TITLE		FORMAT	
north view		A0	
		PLAN NUMBER	
		PA 06 A	



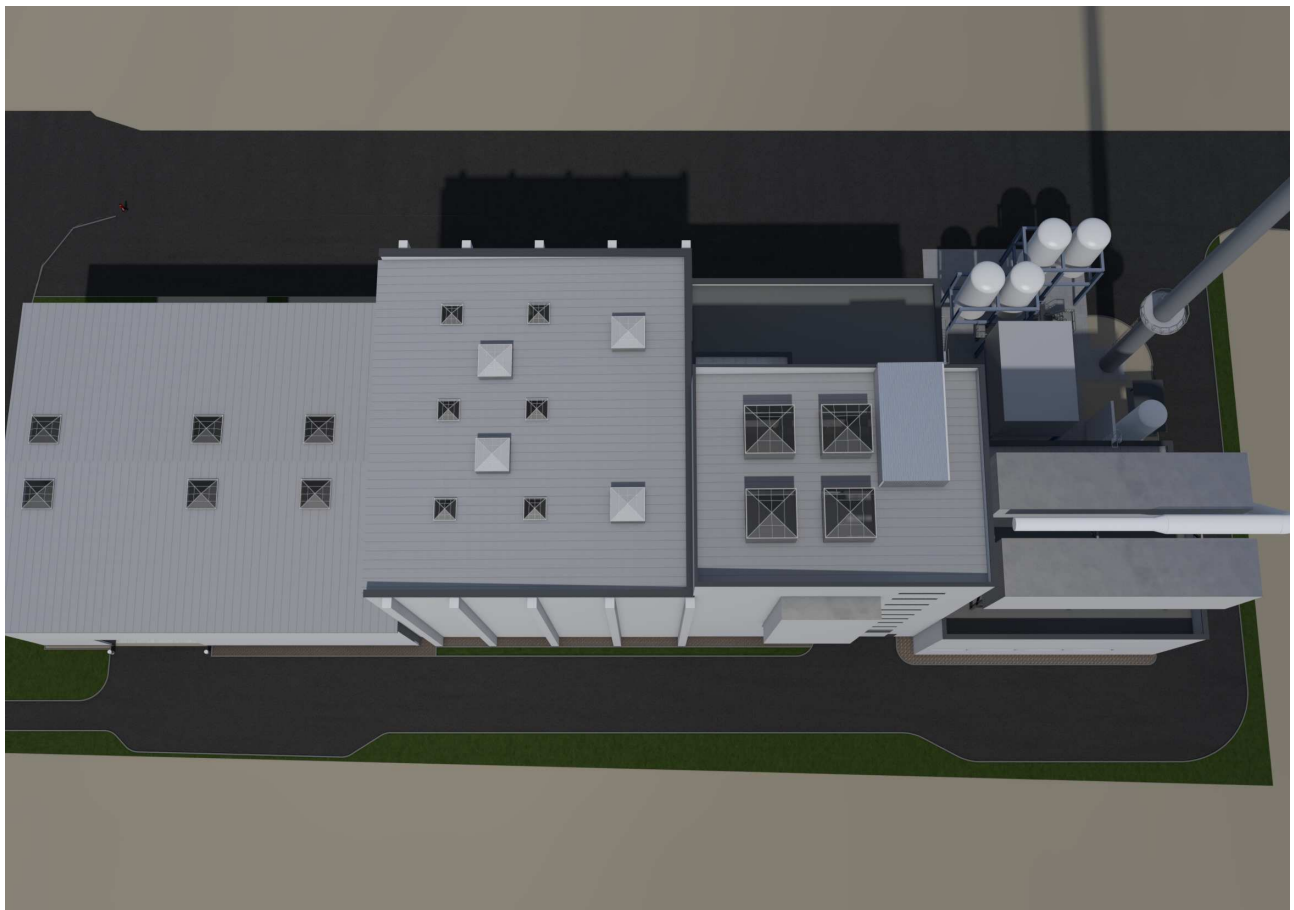
SOUTH VIEW



SOUTH - EAST VIEW

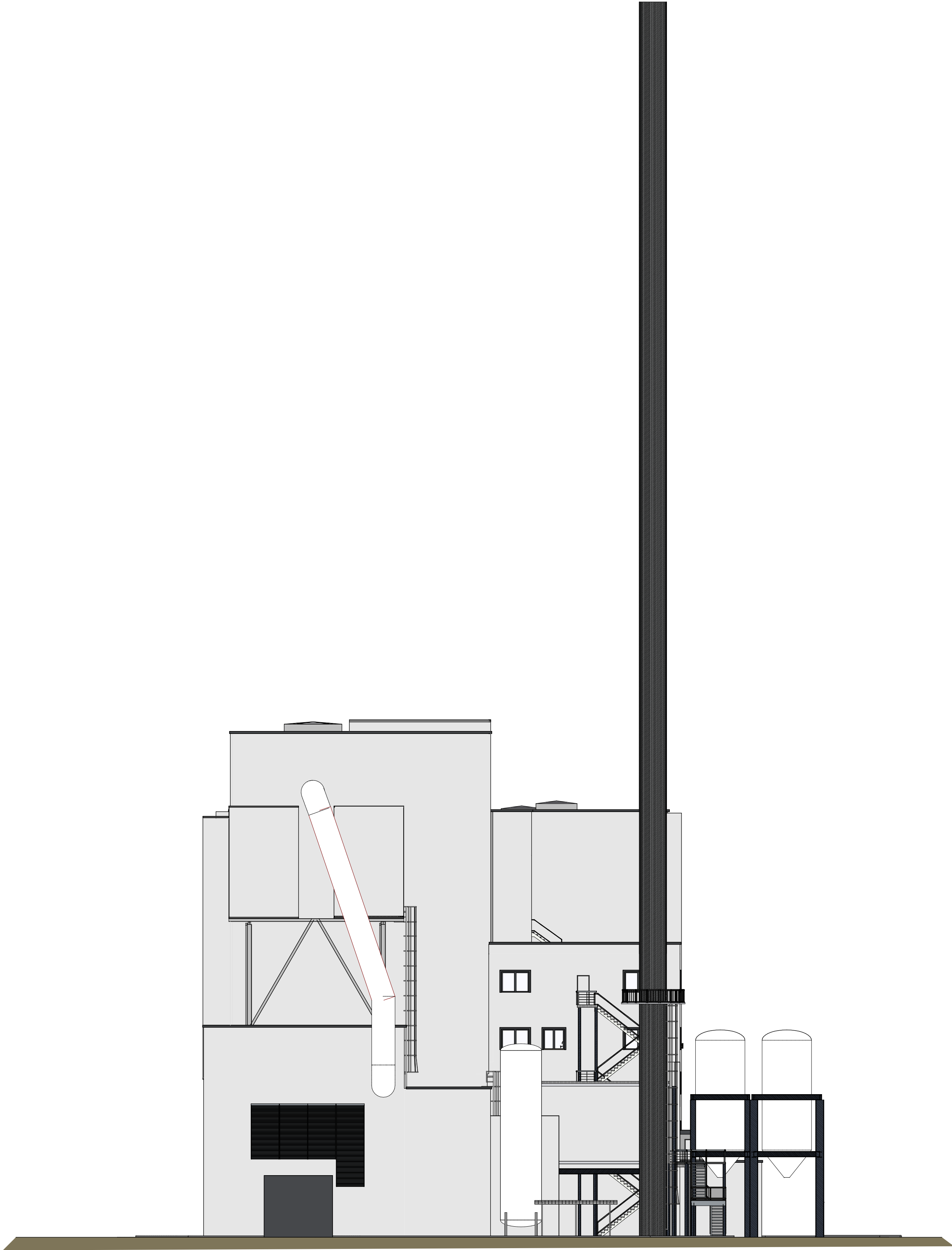


SOUTH - WEST VIEW



TOP VIEW

VARIATION		DATE	PROCESSOR
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3			
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1			
			
PROJECT			
Dundee & Angus EFW CHP Facility			
PLANNING STAGE		DATE	
Planning Application		26-10-2016	
		SCALE	
		M 1 : 200	
TITLE		FORMAT	
south view		A0	
		PLAN NUMBER	
		PA 06 B	



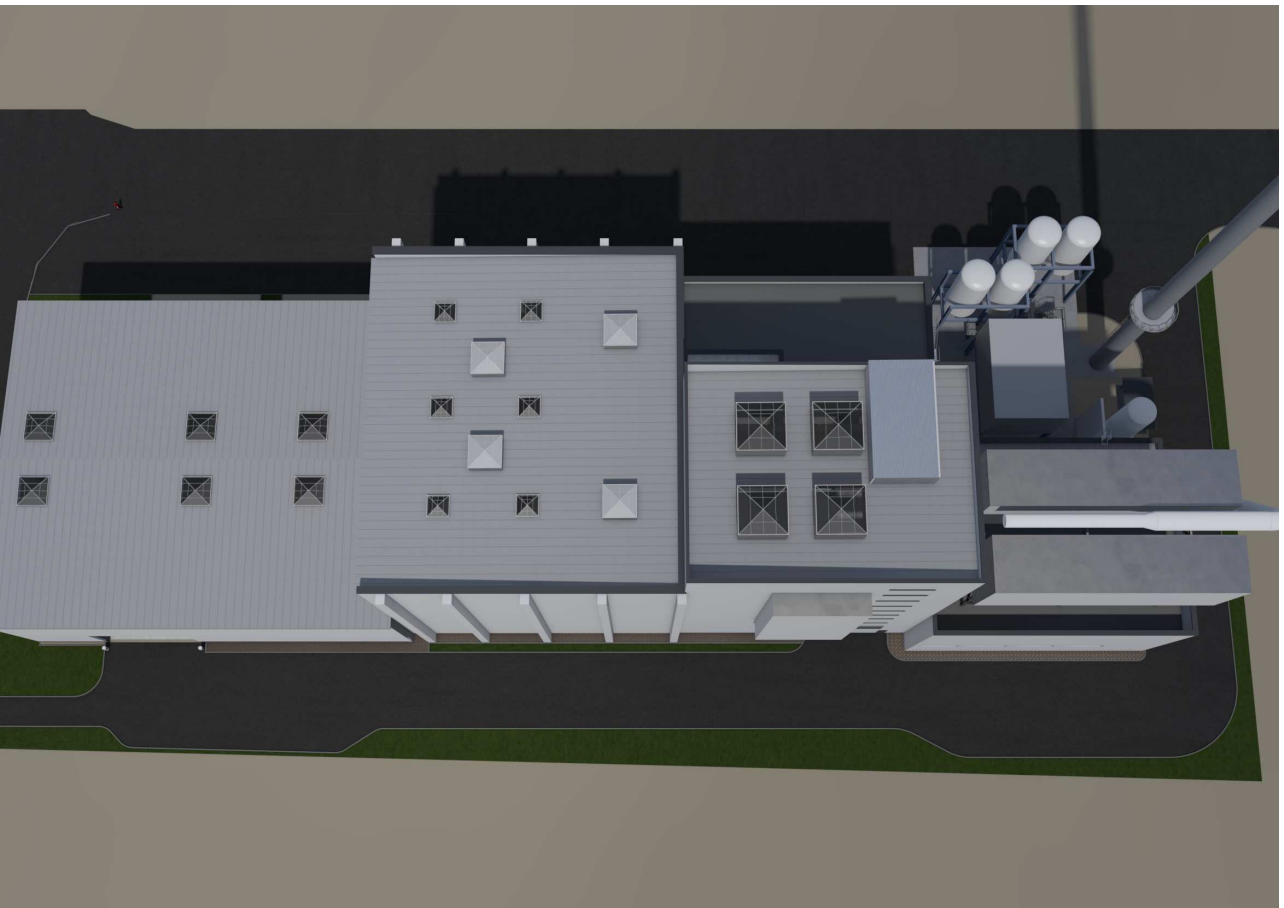
EAST VIEW



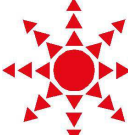
NORTH-EAST VIEW

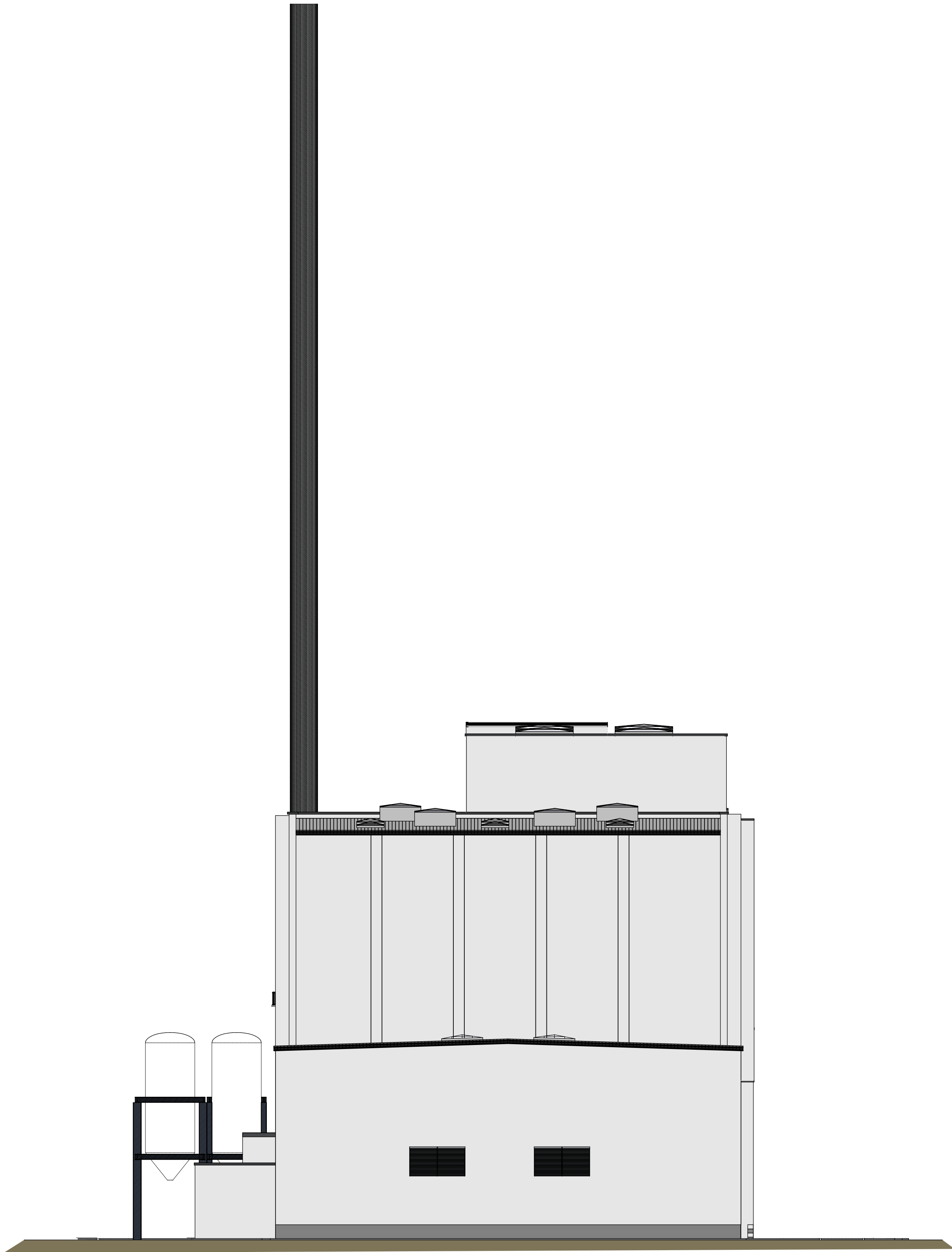


SOUTH-EAST VIEW



TOP VIEW

	variation:	date :	processor:
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3			
2			
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 MVV Environment			
PROJECT: Dundee & Angus EfW CHP Facility		 	
PLANNING STAGE: Planning Application		DATE : 26-10-2016	
		SCALE : M 1 : 200	
TITLE: east view		FORMAT : A0	
		PLAN NUMBER : PA.06 C	



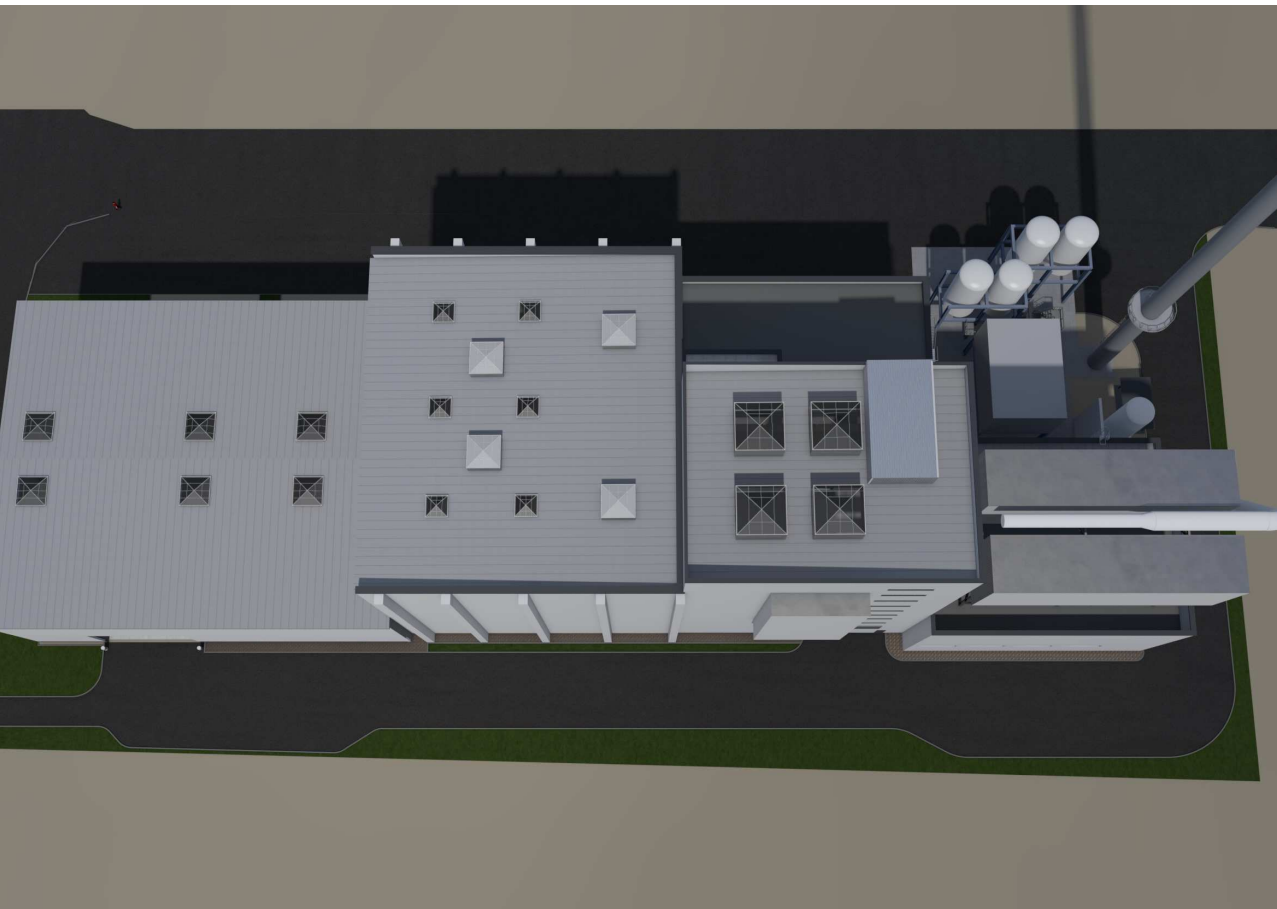
WEST VIEW



SOUTH-WEST VIEW

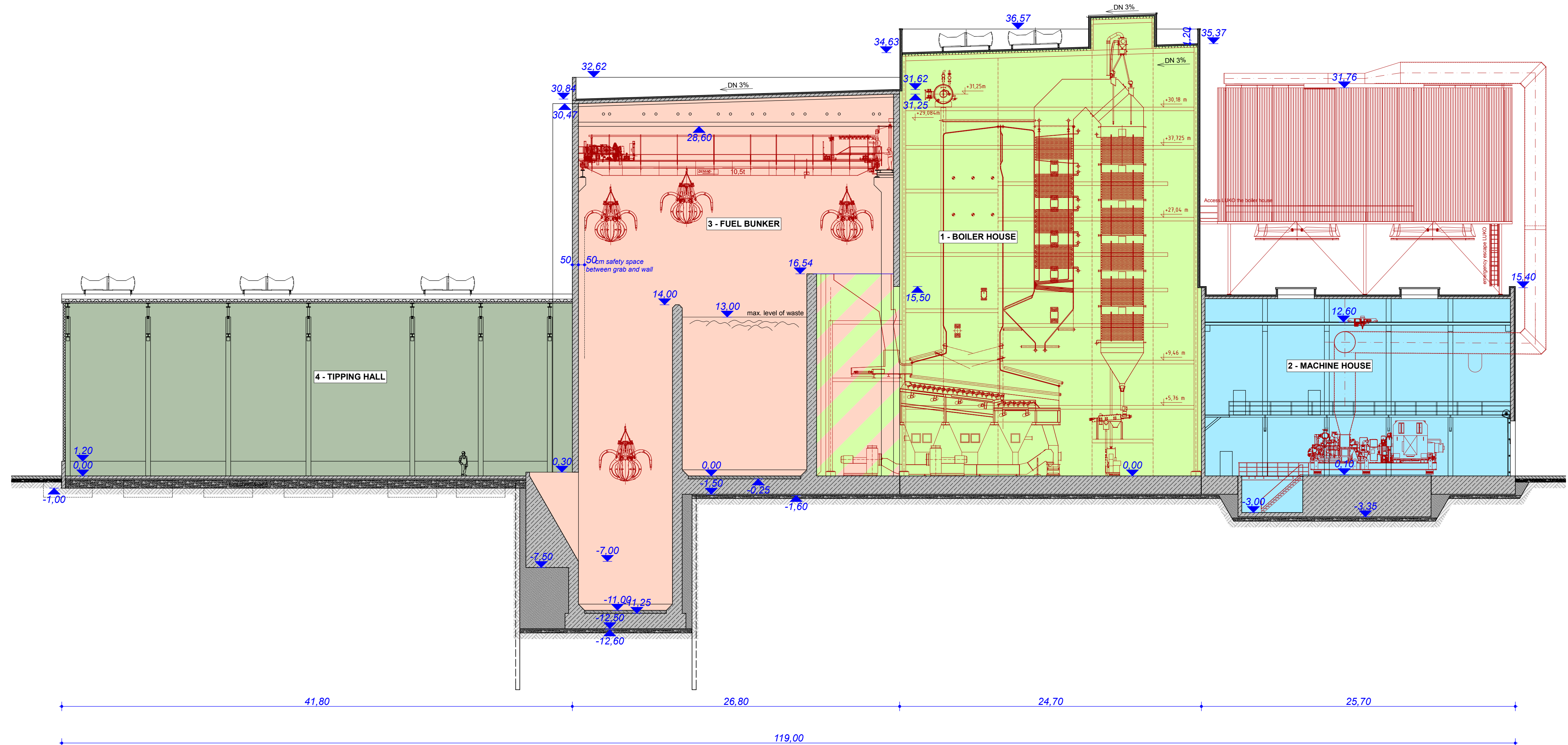


NORTH-WEST VIEW

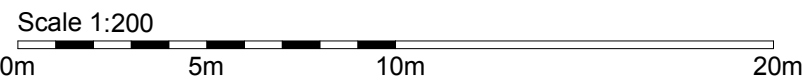


TOP VIEW

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4			
3			
2			
1			
			
PROJEKT:			
Dundee & Angus EfW CHP Facility		DATE : 26-10-2016	
PLANNING STAGE:		SCALE : M 1 : 200	
Planning Application		FORMAT : A0	
TITLE:		PLAN NUMBER : PA 06 D	
west view			



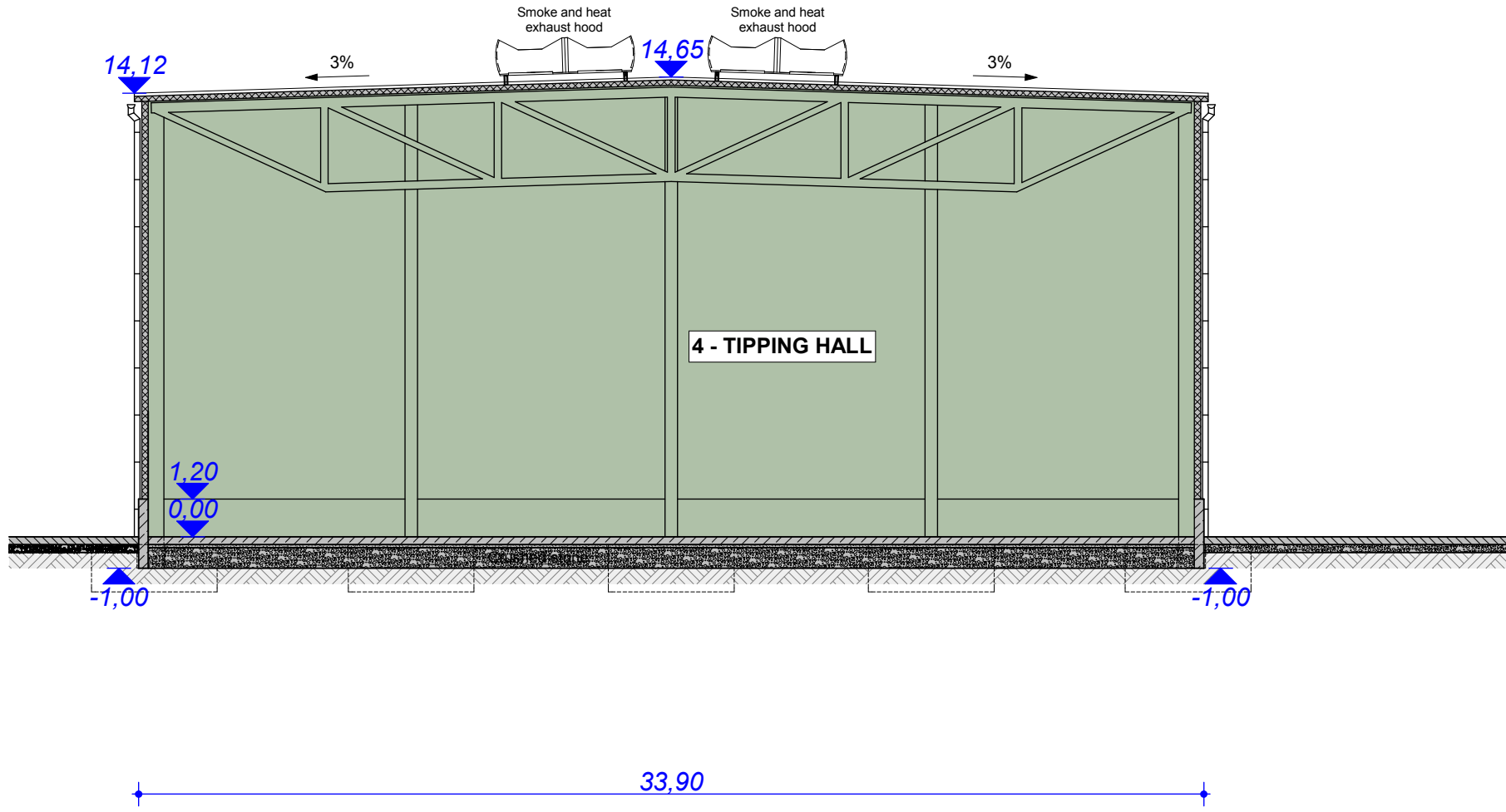
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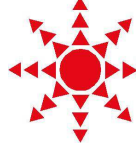


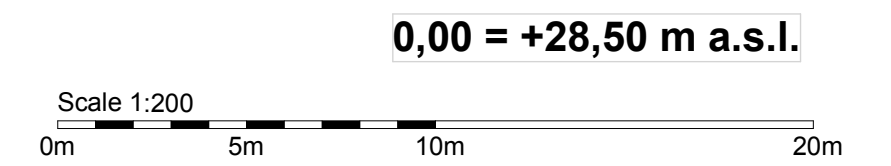
Legend:

- 1 - BOILER HOUSE
- 2 - MACHINE HOUSE
- 3 - FUEL BUNKER
- 4 - TIPPING HALL
- 5 - ADMINISTRATION BUILDING
- 6 - ASH BUNKER
- 7 - FLUE GAS CLEANING
- 8 - TANKS
- 9 - STACK

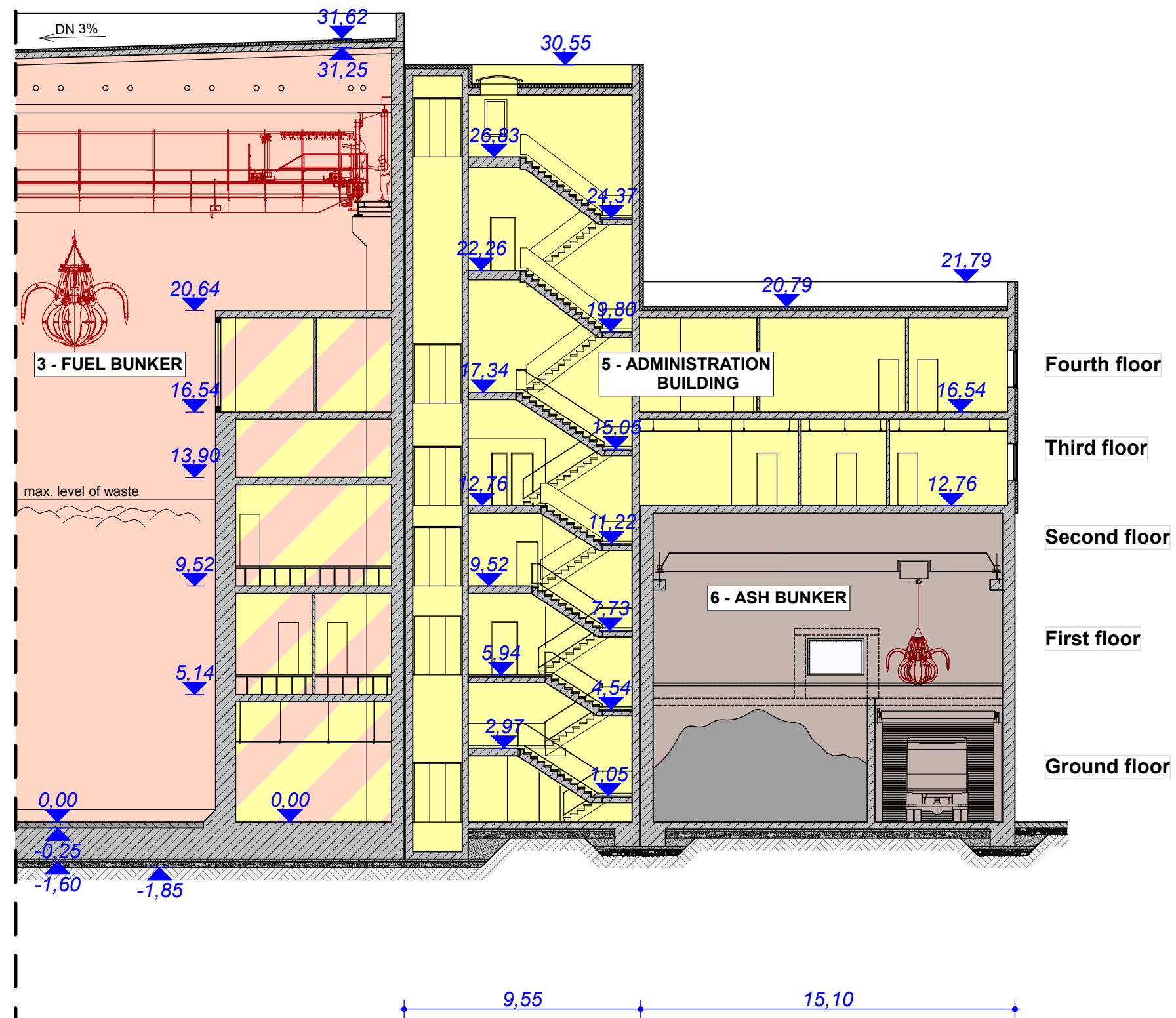
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3			
2			
1			
			
PROJEKT:			
Dundee & Angus EfW CHP Facility			
PLANNING STAGE:		DATE :	26-10-2016
Planning Application		SCALE :	M 1 : 200
TITLE:		FORMAT :	A1
Section A-A		PLAN NUMBER :	PA 07 A



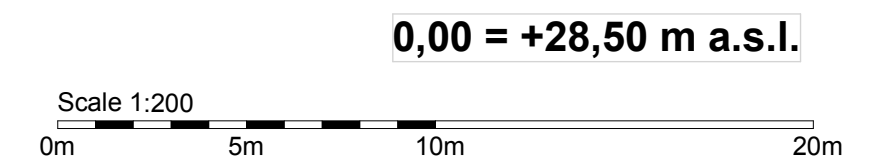
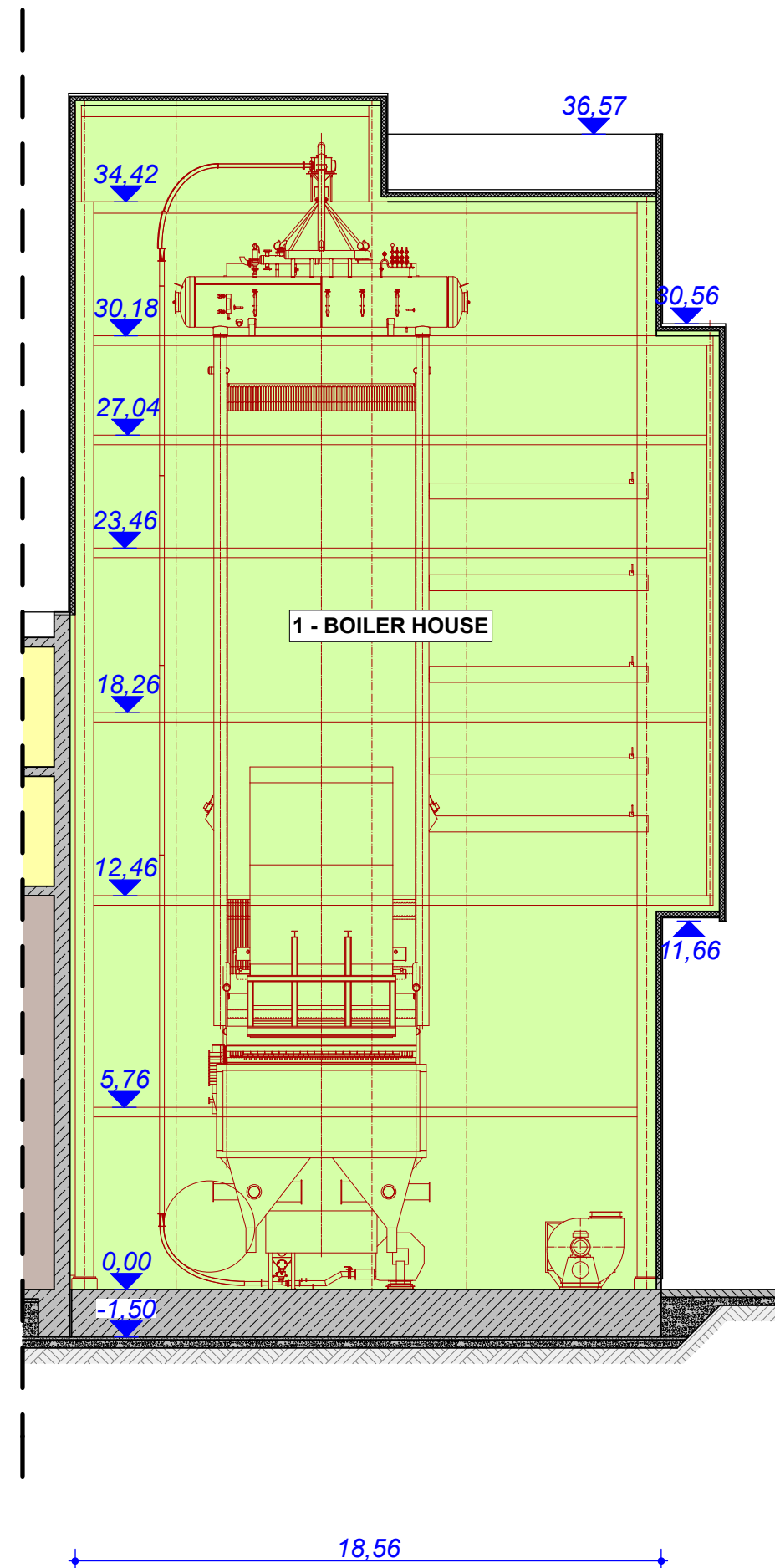
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1			
 MVV Environment			
PROJEKT:		 OSCHATZ	
Dundee & Angus EfW CHP Facility			
PLANNING STAGE:		DATE :	26-10-2016
Planning Application		SCALE :	M 1 : 200
TITLE:		FORMAT :	A2
Section B-B		PLAN NUMBER :	PA 07 B



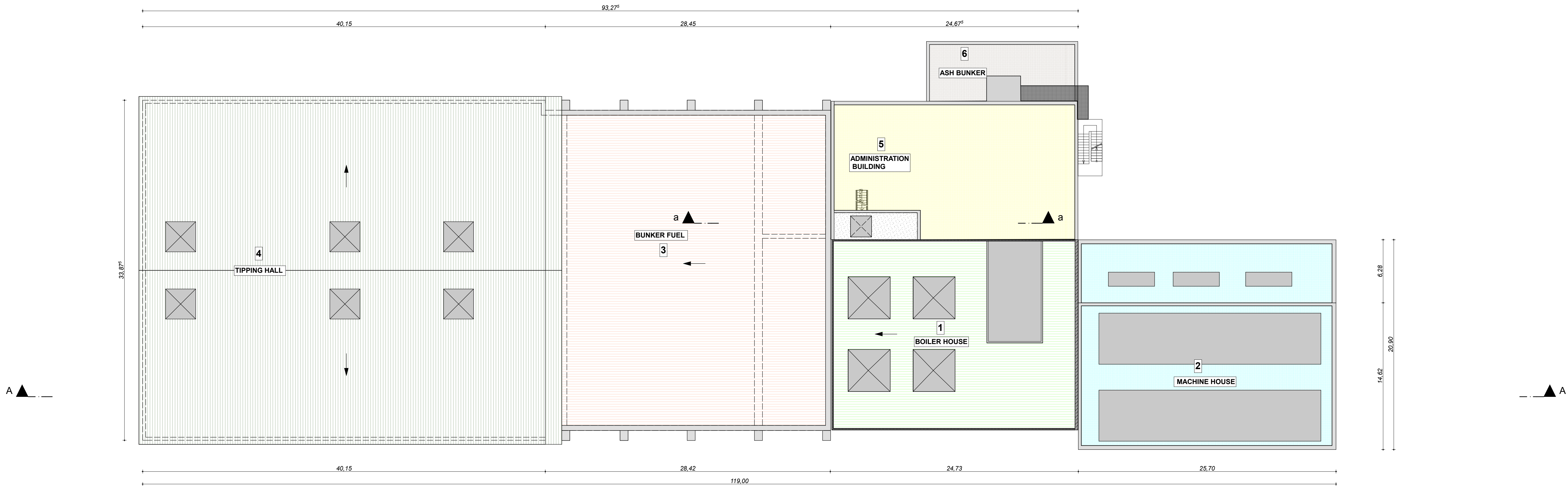
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PROJEKT: Dundee & Angus EfW CHP Facility		 	
PLANNING STAGE: Planning Application		DATE : 26-10-2016	
		SCALE : M 1 : 200	
TITLE: Section C-C		FORMAT : A2	
		PLAN NUMBER : PA 07 C	



	VARIATION:	DATE :	PROCESSOR:
5			
4			
3			
2			
1			
			
PROJECT:		 	
Dundee & Angus EfW CHP Facility		DATE : 26-10-2016	
PLANNING STAGE:		SCALE : M 1 : 200	
Planning Application		FORMAT : A2	
TITLE:		PLAN NUMBER : PA 07 D	
Section D-D			



	VARIATION:	DATE :	PROCESSOR:
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4			
3			
2			
1			
			
PROJEKT:			
Dundee & Angus EfW CHP Facility			
PLANNING STAGE:		DATE :	26-10-2016
Planning Application		SCALE :	M 1 : 200
TITLE:		FORMAT :	A2
Section E-E		PLAN NUMBER :	PA 07 E

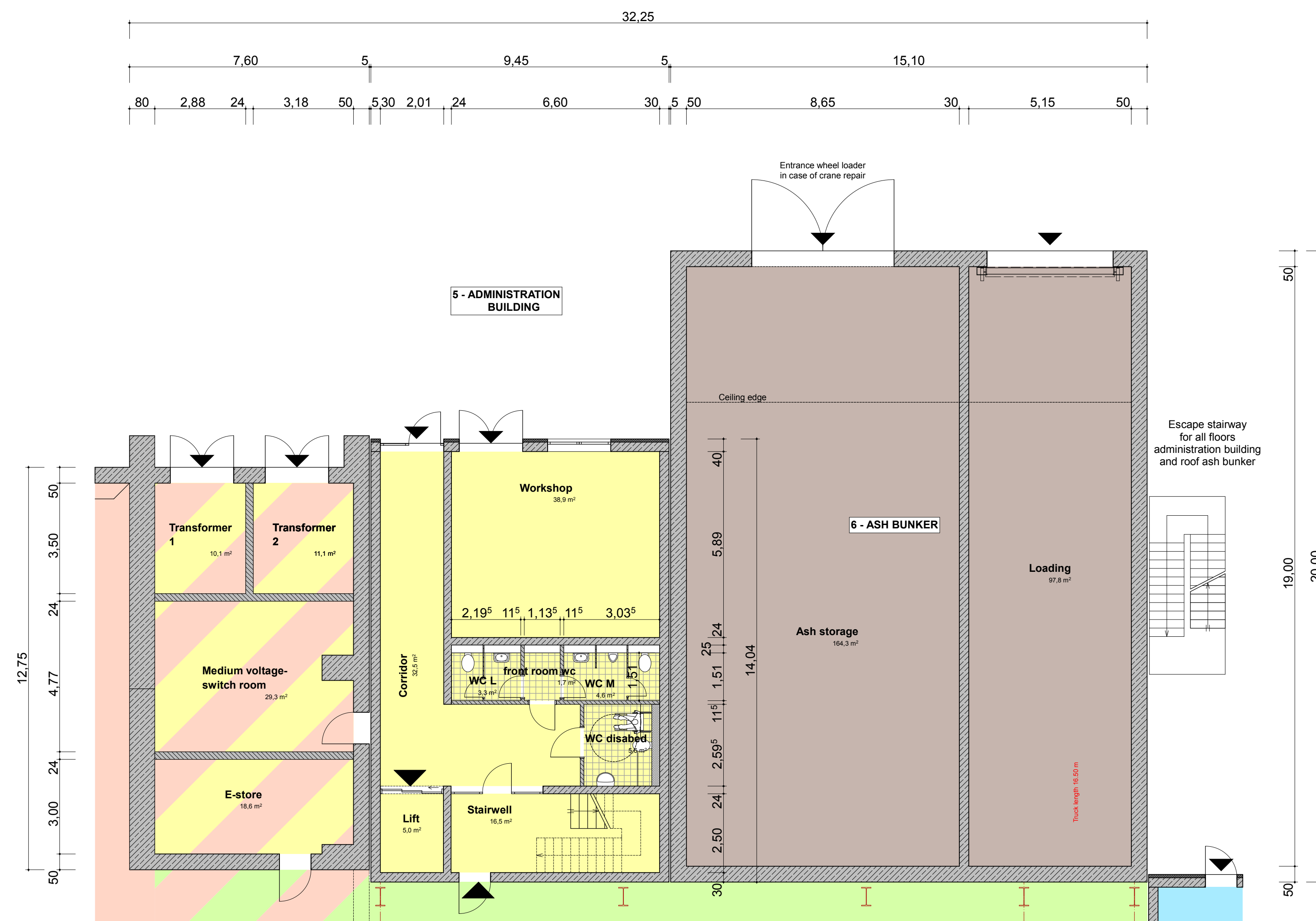
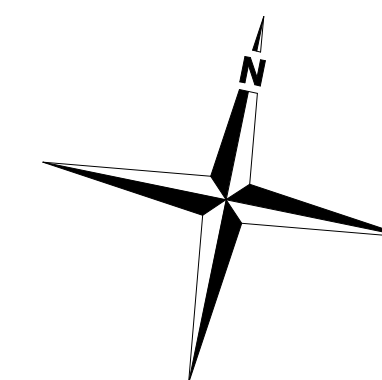


Legend:

- 1** BOILER HOUSE_Kesselhaus
- 2** MACHINE HOUSE_Maschinenhaus
- 3** BUNKER FUEL_Brennstoffbunker
- 4** TIPPING HALL, STORAGE ARENA_Ablieferung-und Lagerhalle
- 5** ADMINISTRATION BUILDING_Betriebsgebäude
- 6** ASH BUNKER_Aschebunker
- 7** FLUE GAS CLEANING_Rauchgasreinigung
- 8** REACTOR, AC, LIME, RESIDUE
- 9** STACK_Schornstein

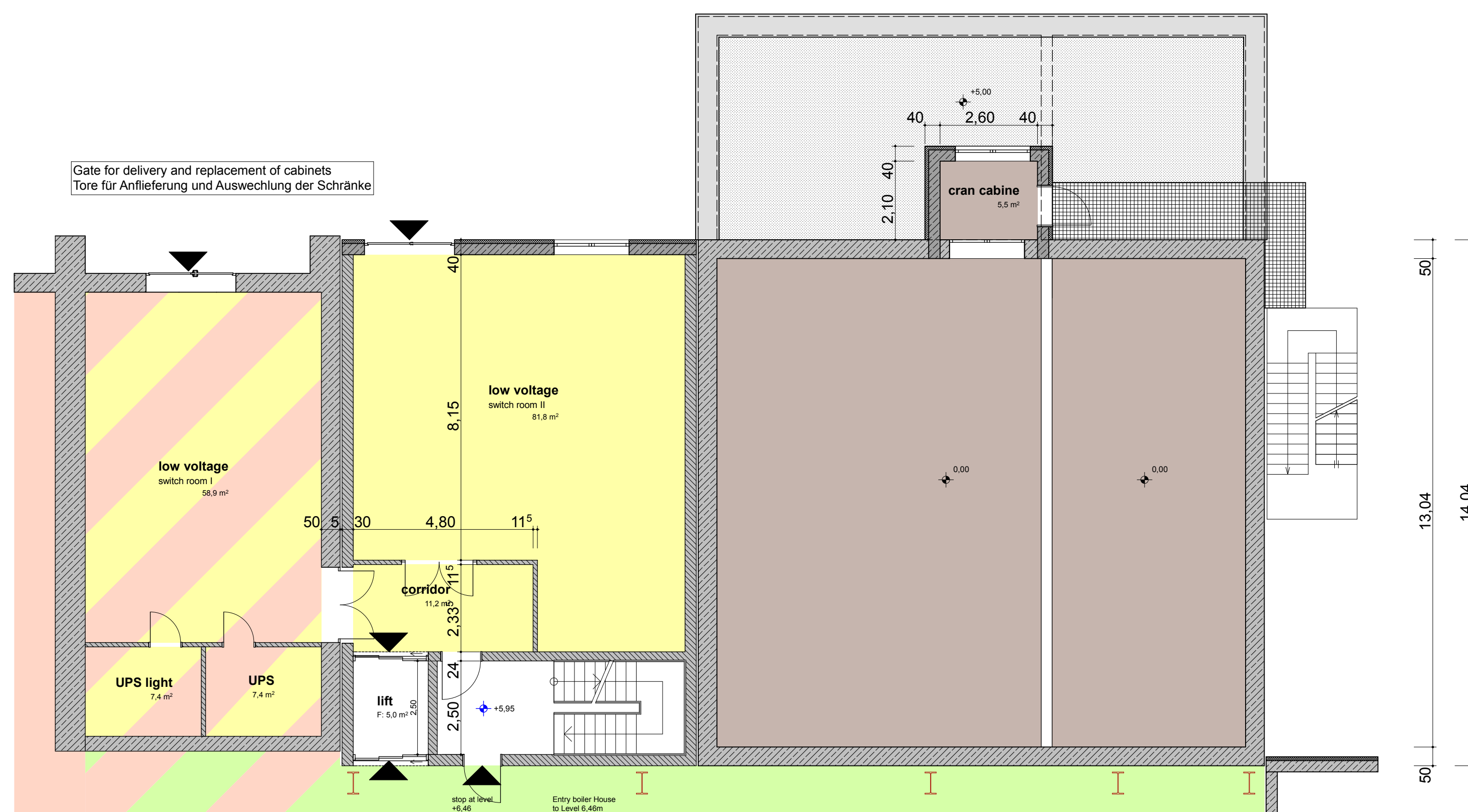
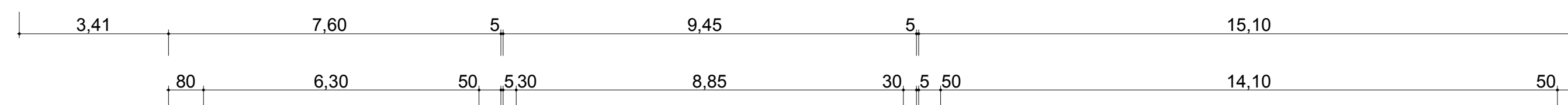
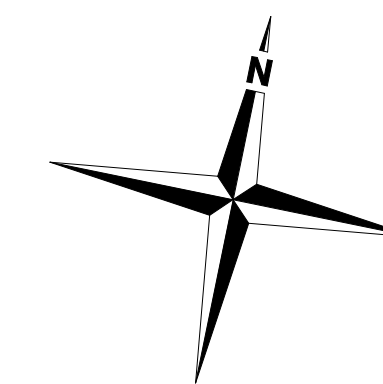
	VARIATION:	DATE :	PROCESSOR:
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1			

	
PROJEKT:	
Dundee & Angus EfW CHP Facility	
	
PLANNING STAGE:	DATE : 26-10-2016
Planning Application	SCALE : M 1 : 200
TITLE:	FORMAT : A1
overhead view	PLAN NUMBER : PA 08



Ground floor plan

	VARIATION:	DATE :	PROCESSOR:
5			
4			
3			
2			
1			
 PROJEKT: Dundee & Angus EfW CHP Facility PLANNING STAGE: Planning Application TITLE: subobjekt 5 _ administration building subobjekt 6 _ ash bunker Ground floor plan   DATE : 26-10-2016 SCALE : M 1 : 100 FORMAT : A1 PLAN NUMBER: PA 09 A			

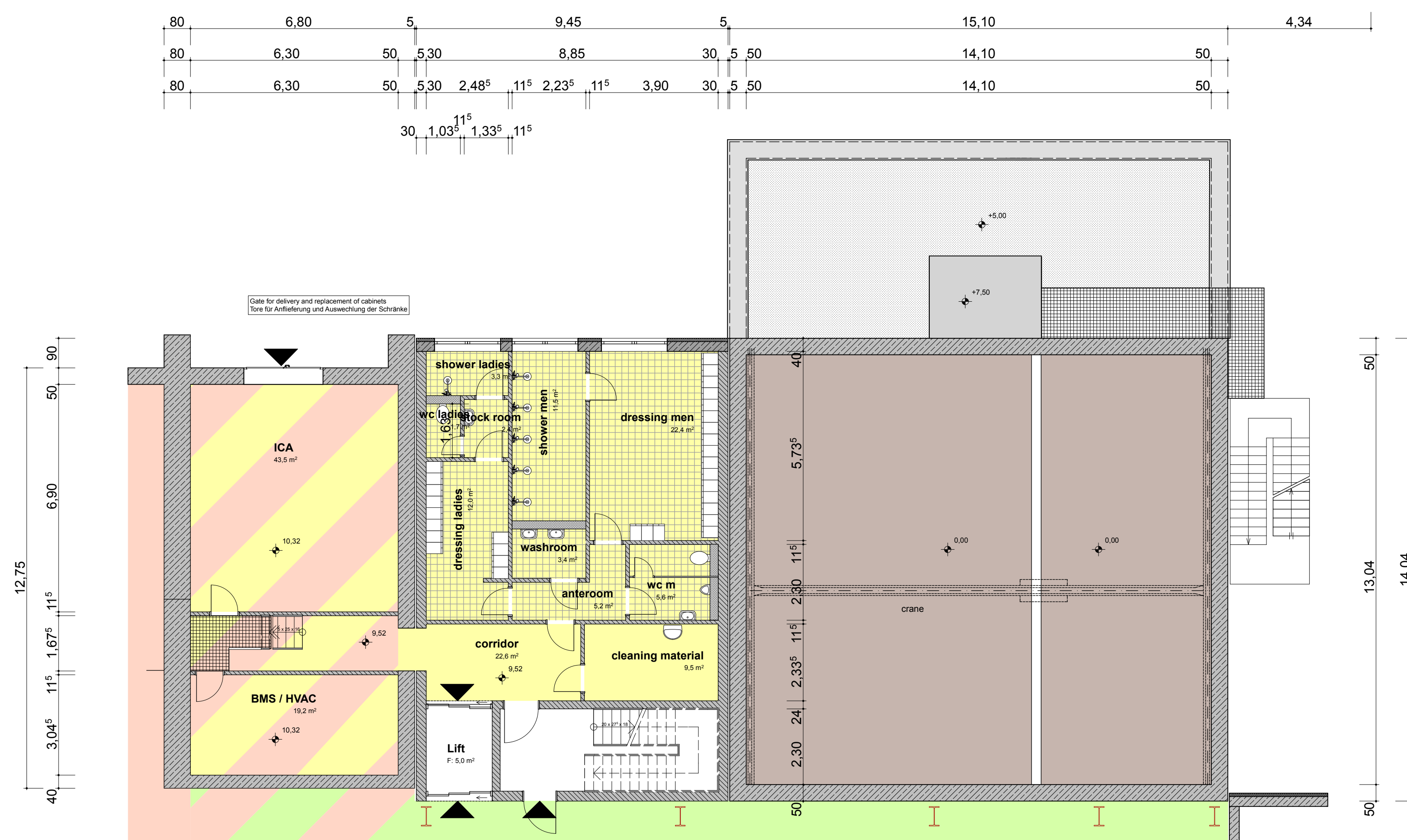


1 st floor

	VARIATION:	DATE :	PROCESSOR:
5			
4			
3			
2			
1			

PROJEKT:	Dundee & Angus EfW CHP Facility
PLANNING STAGE:	Planning Application
TITLE:	subobjekt 5 _ administration building subobjekt 6 _ ash bunker 1 st floor

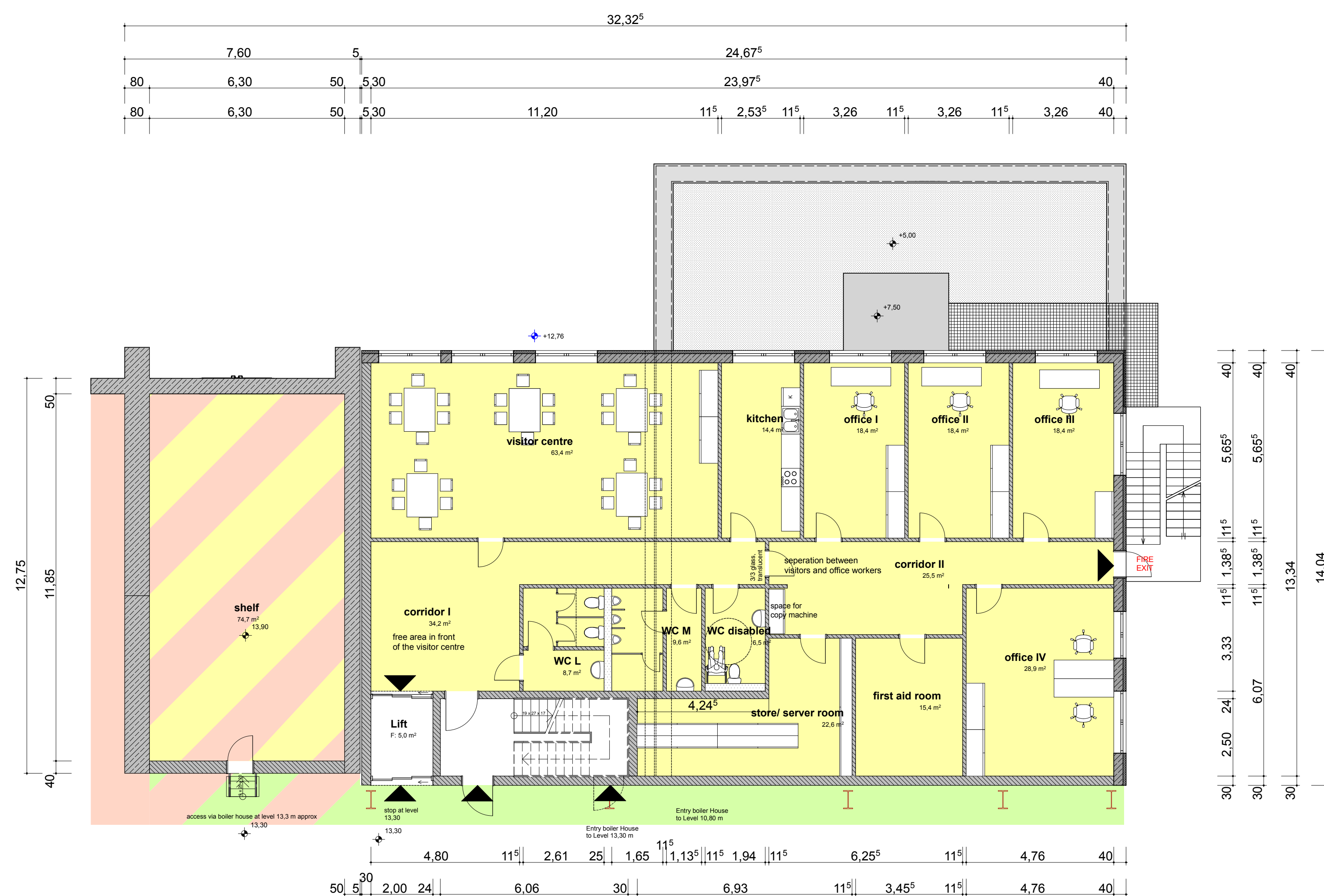
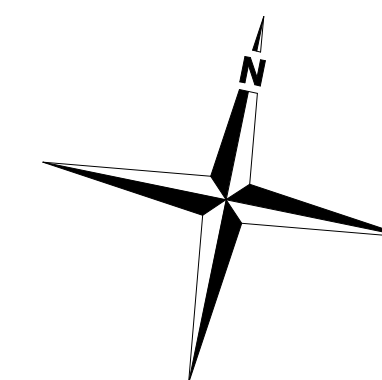
DATE :	26-10-2016
SCALE :	M 1 : 100
FORMAT :	A1
PLAN NUMBER :	PA 09 B



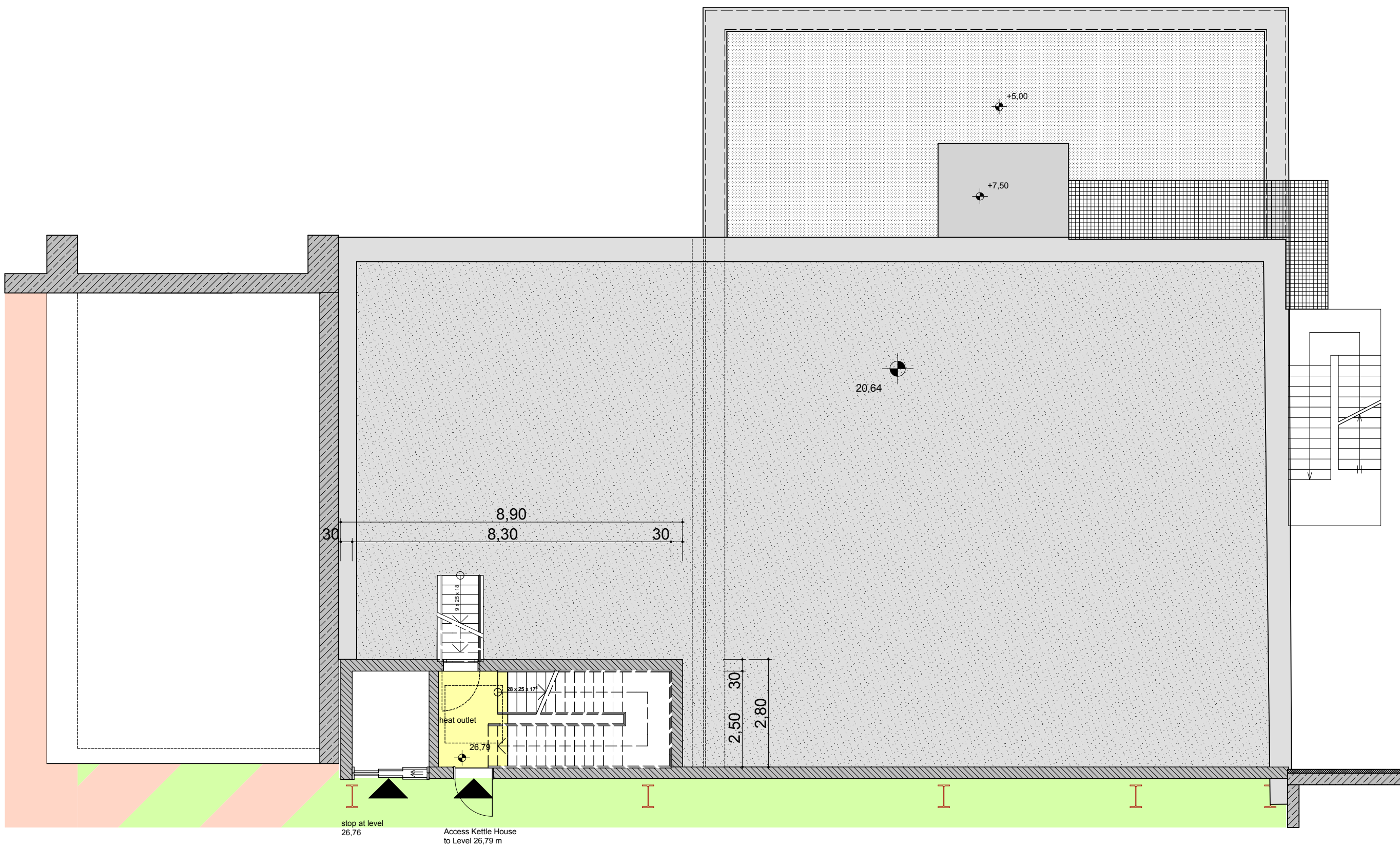
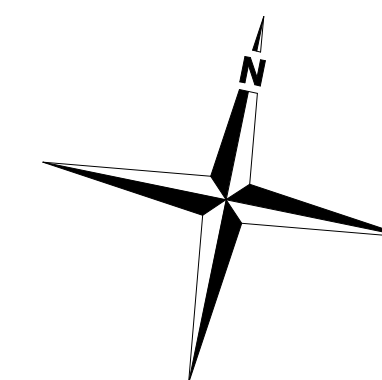
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4			
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2			
1			



PROJECT:	 OSCHATZ
PLANNING STAGE:	
	DATE : 26-10-2016
	SCALE : M 1 : 100
TITLE:	subobjekt 5 _ administration building subobjekt 6 _ ash bunker 2 rd floor
	FORMAT : A1
	PLAN NUMBER : PA 09 C

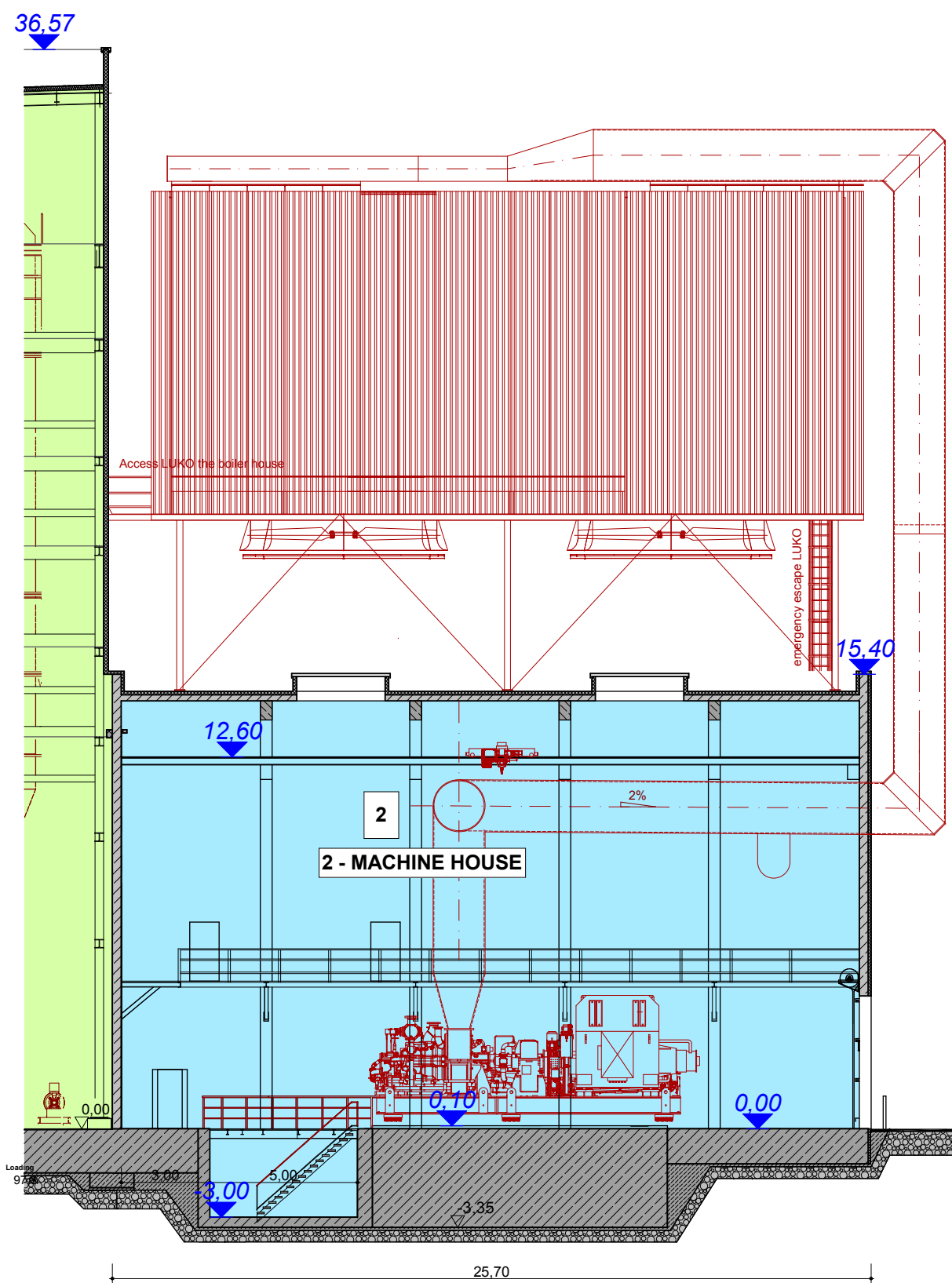
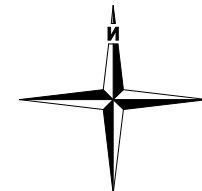


	VARIATION:	DATE :	PROCESSOR:
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4			
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PROJECT:			
Dundee & Angus EfW CHP Facility			
PLANNING STAGE:		DATE :	26-10-2016
Planning Application		SCALE :	M 1 : 100
TITLE:		FORMAT :	A1
subobjekt 5 _ administration building subobjekt 6 _ ash bunker 3 rd floor		PLAN NUMBER:	PA 09 D

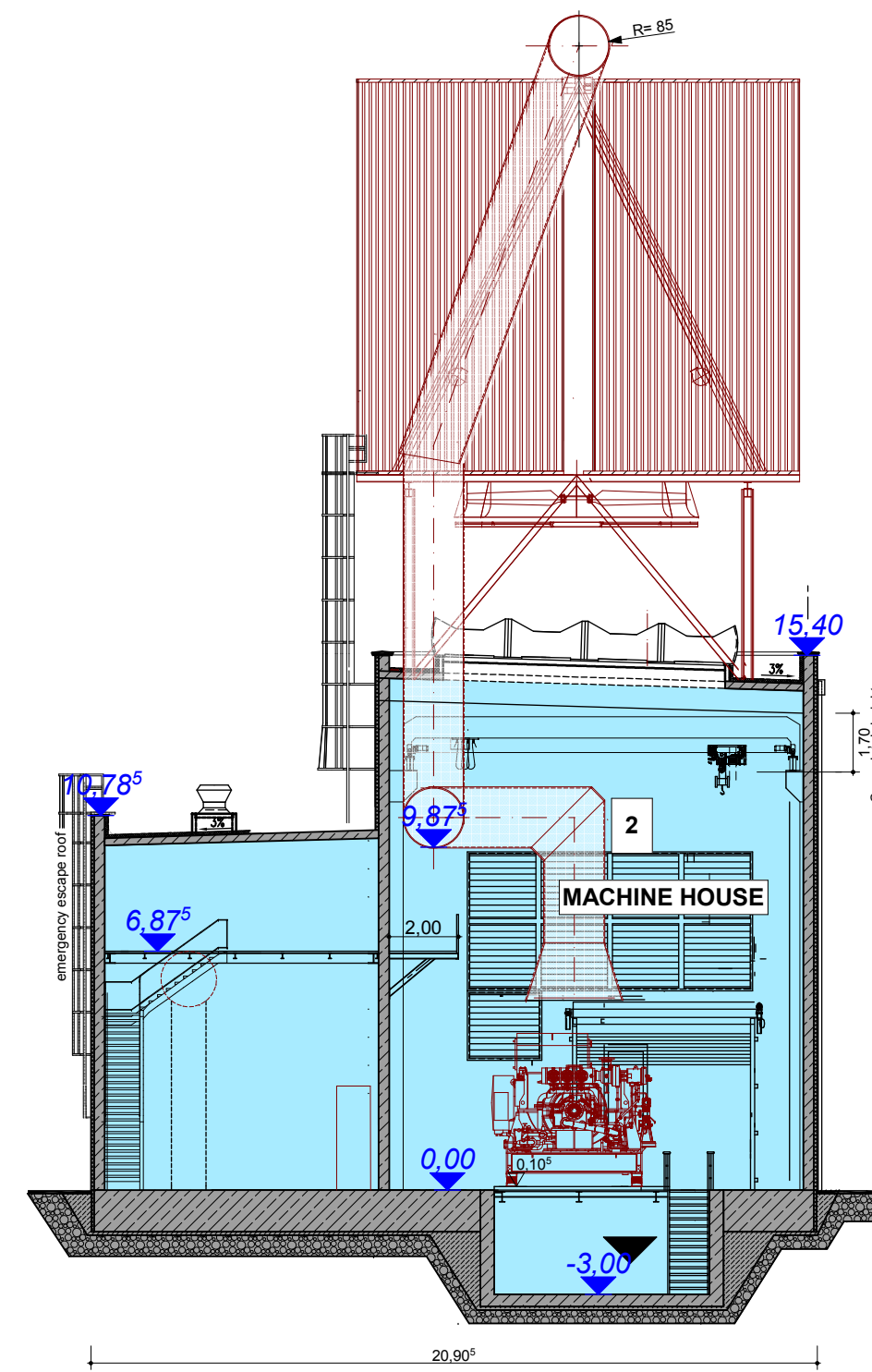


roof

	VARIATION:	DATE :	PROCESSOR:
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4			
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PROJEKT:			
Dundee & Angus EfW CHP Facility			
PLANNING STAGE:		DATE :	26-10-2016
Planning Application		SCALE :	M 1 : 100
TITLE:		FORMAT :	A1
subobjekt 5 _ administration building subobjekt 6 _ ash bunker roof		PLAN NUMBER :	PA 09 F



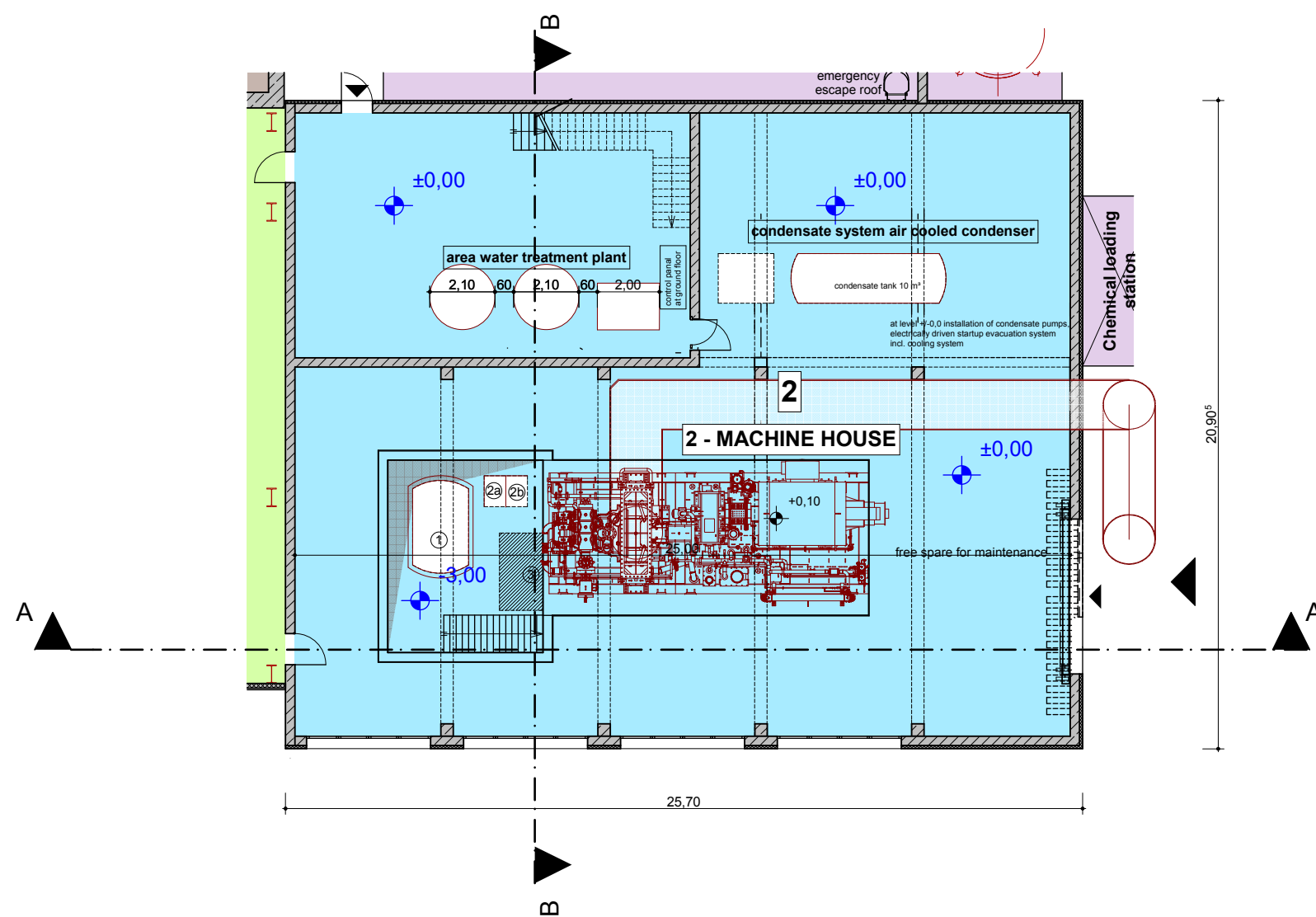
section A-A



section B-B

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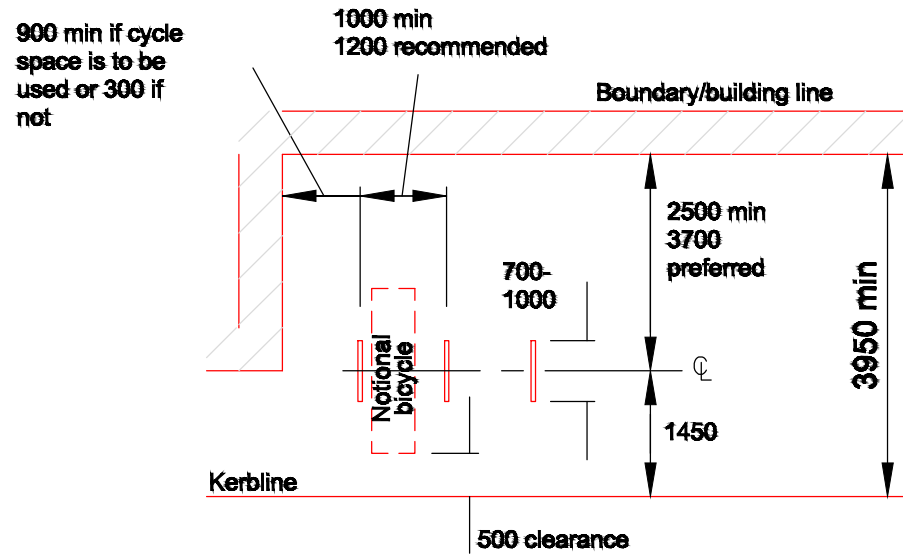
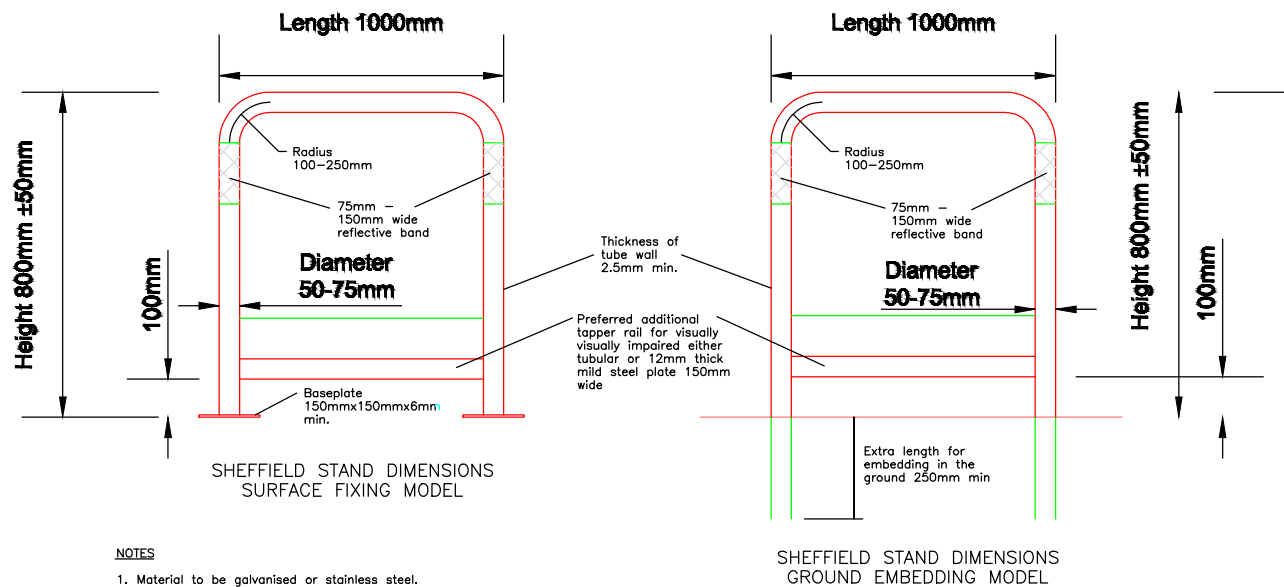
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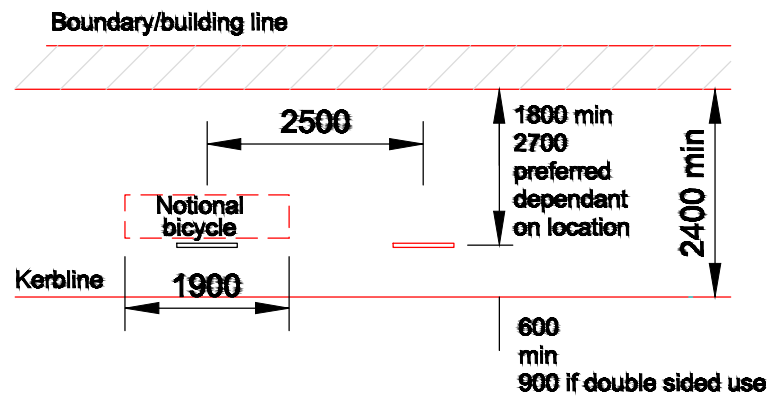
ground plan

- ① condensate tank
- ② condensate pumps
- ③ footprint for steam turbine condensate tank and pumps

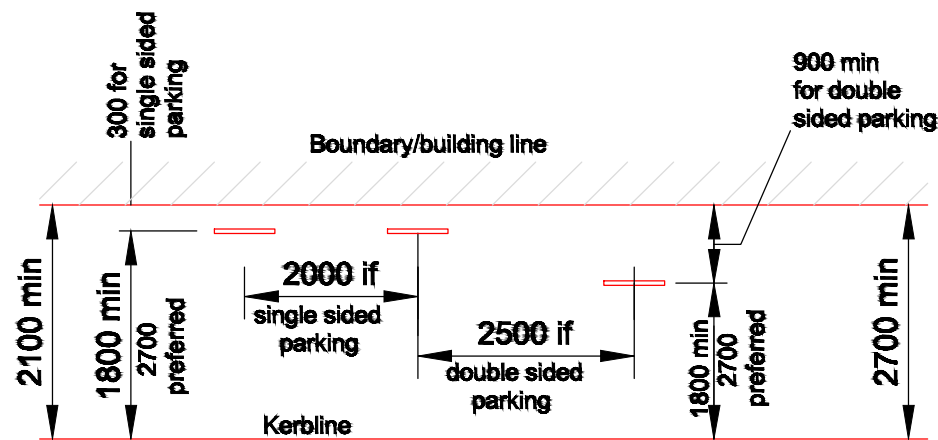
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PROJEKT:			
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TITLE:		FORMAT : A2	
Machine House		PLAN NUMBER : PA 10	



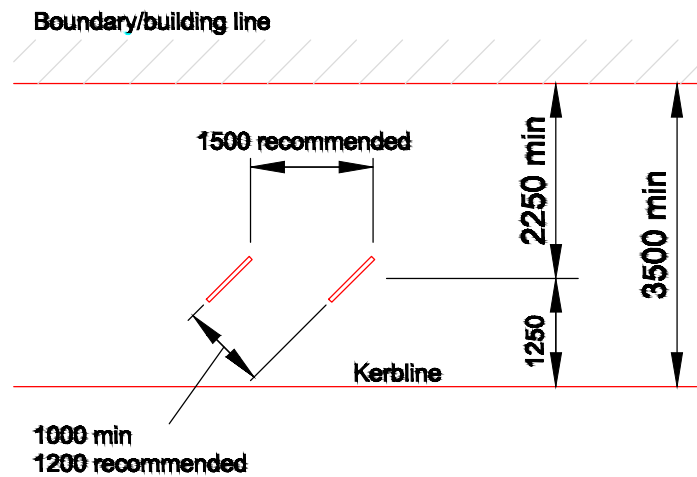
LAYOUT A - PERPENDICULAR



LAYOUT B - ALONG KERB



LAYOUT C - ALONG BUILDING LINE



LAYOUT D - ECHELON (45°)

Notes

1. Details based on 'Cycling Scotland' drawings;
 - Standard Plan Number CS/050 (Sheffield Parking Stand)
 - Standard Plan Number CS/052 (Standard Details of Cycle Parking Layouts)
2. Drawings obtained from 'Cycling Scotland' website, accessed 26/10/2016.

I1	26/10/16	KB	NM	GLD
Issued for Information				
Rev	Date	By	Chkd	Appd

ARUP

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T +44(0)131 331 1999
www.arup.com

Client
MVV Environment Services Ltd

Project Title
Energy from Waste Combined
Heat and Power Facility,
Forties Road, Dundee

Drawing Title
Cycle Parking Standard Details

Scale at A3	NTS
Role	Consultancy
Suitability	Issue
Arup Job No	Rev
245510-02	I1
Name	
PA 13	
(SK-T-008)	