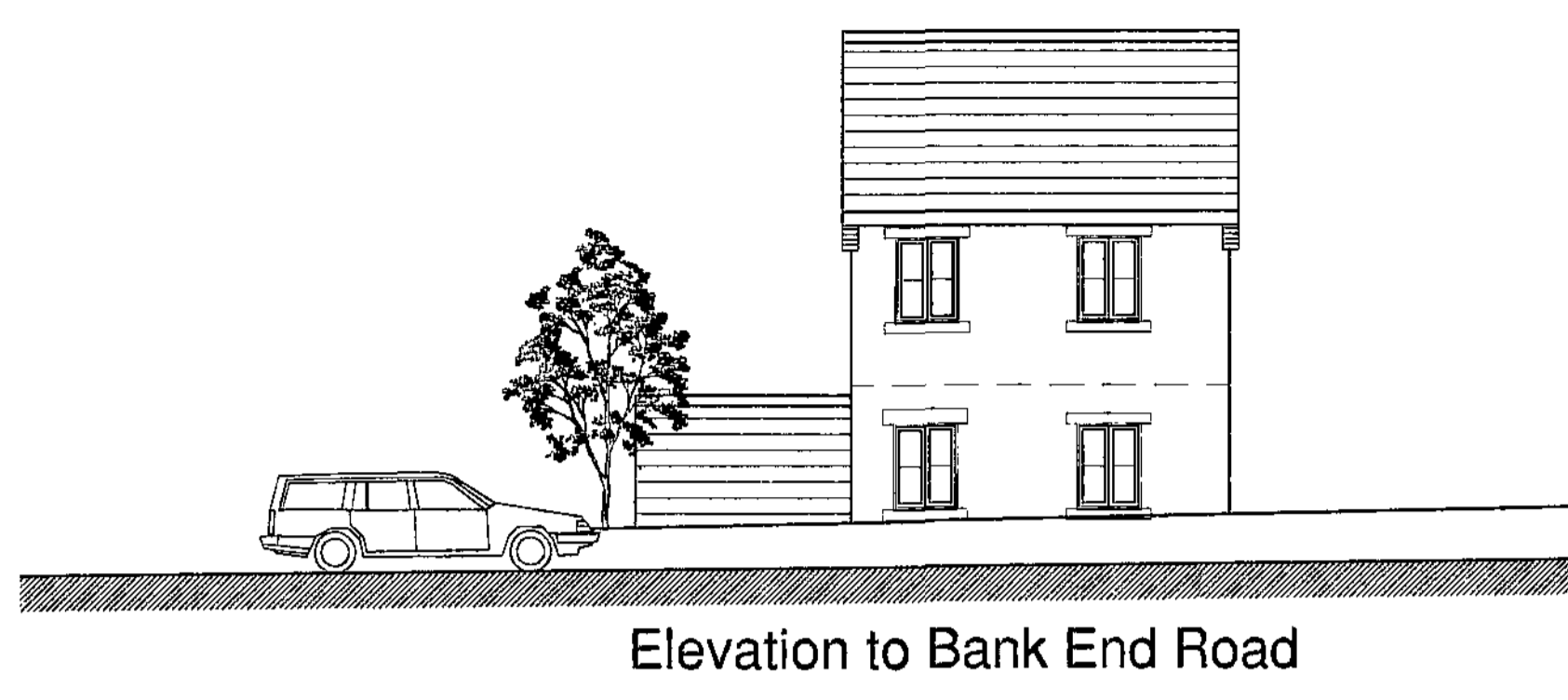


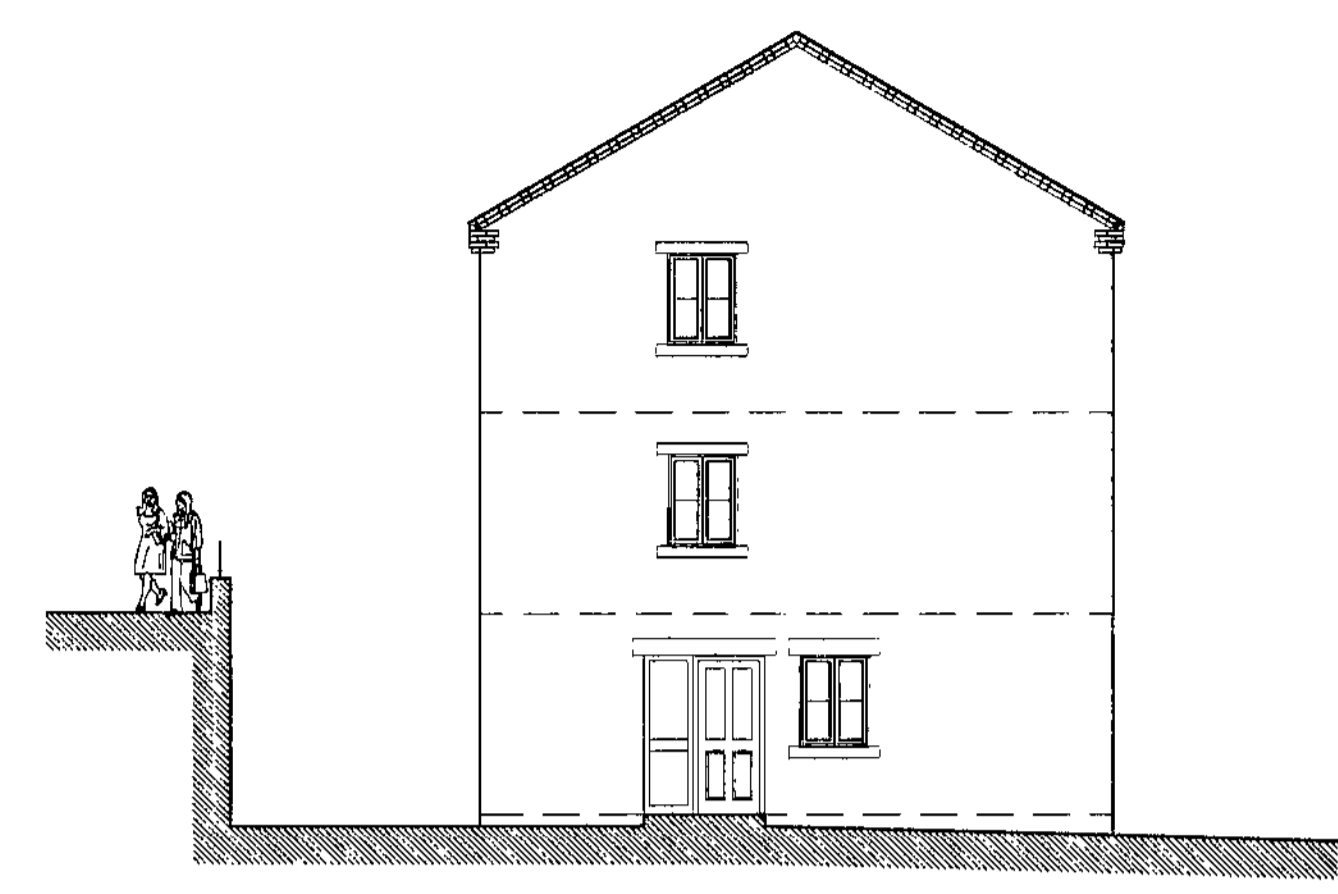
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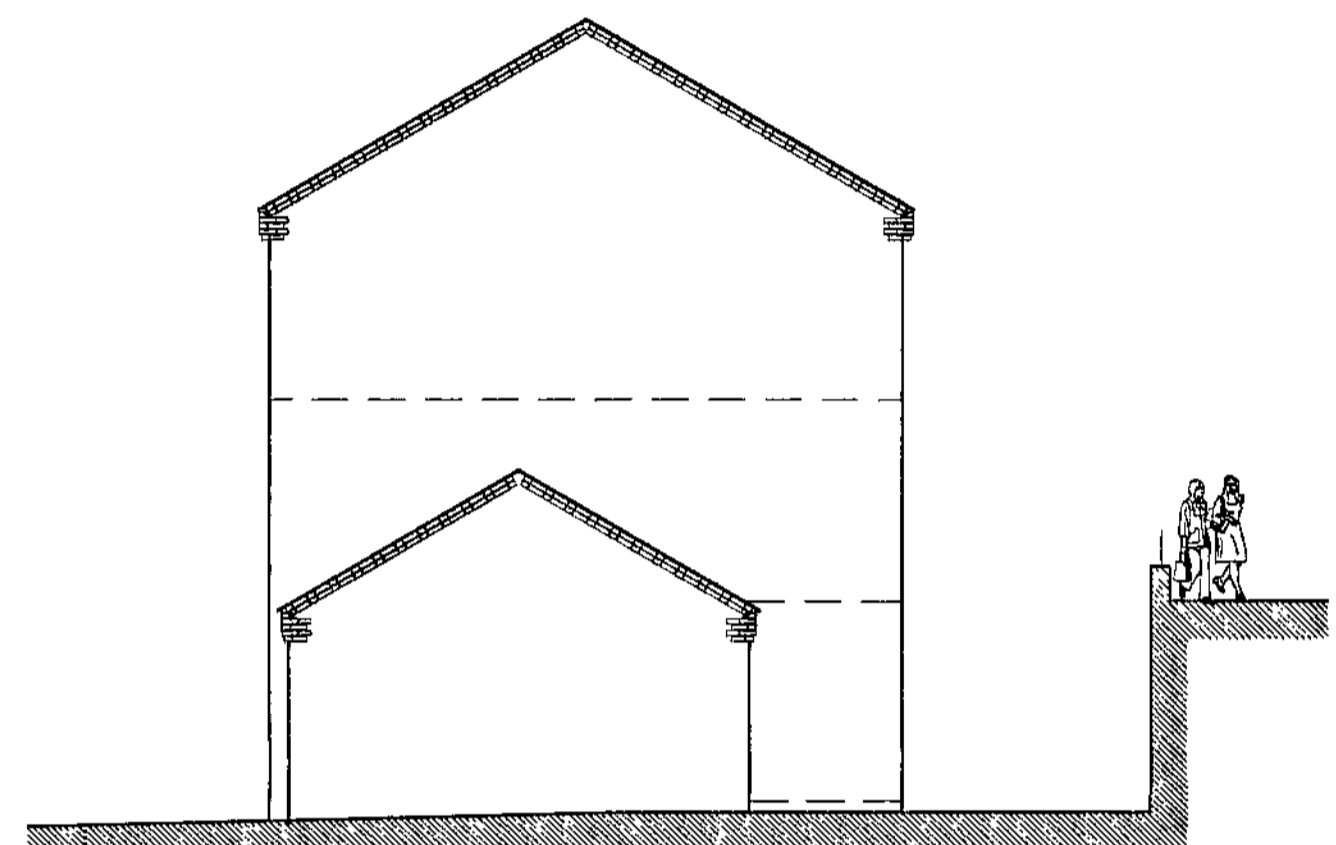
Elevation to Bank End Road



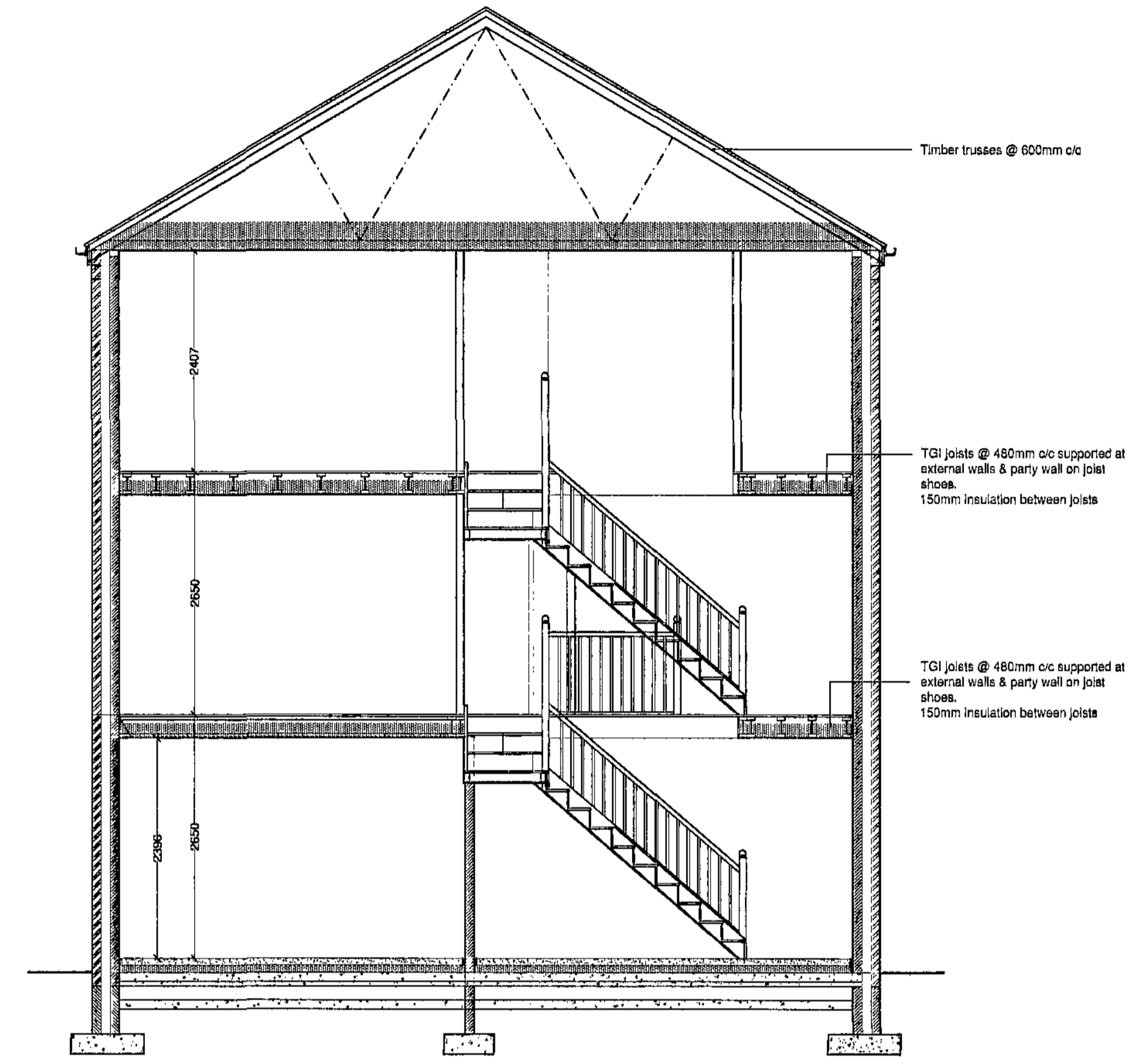
West Elevation



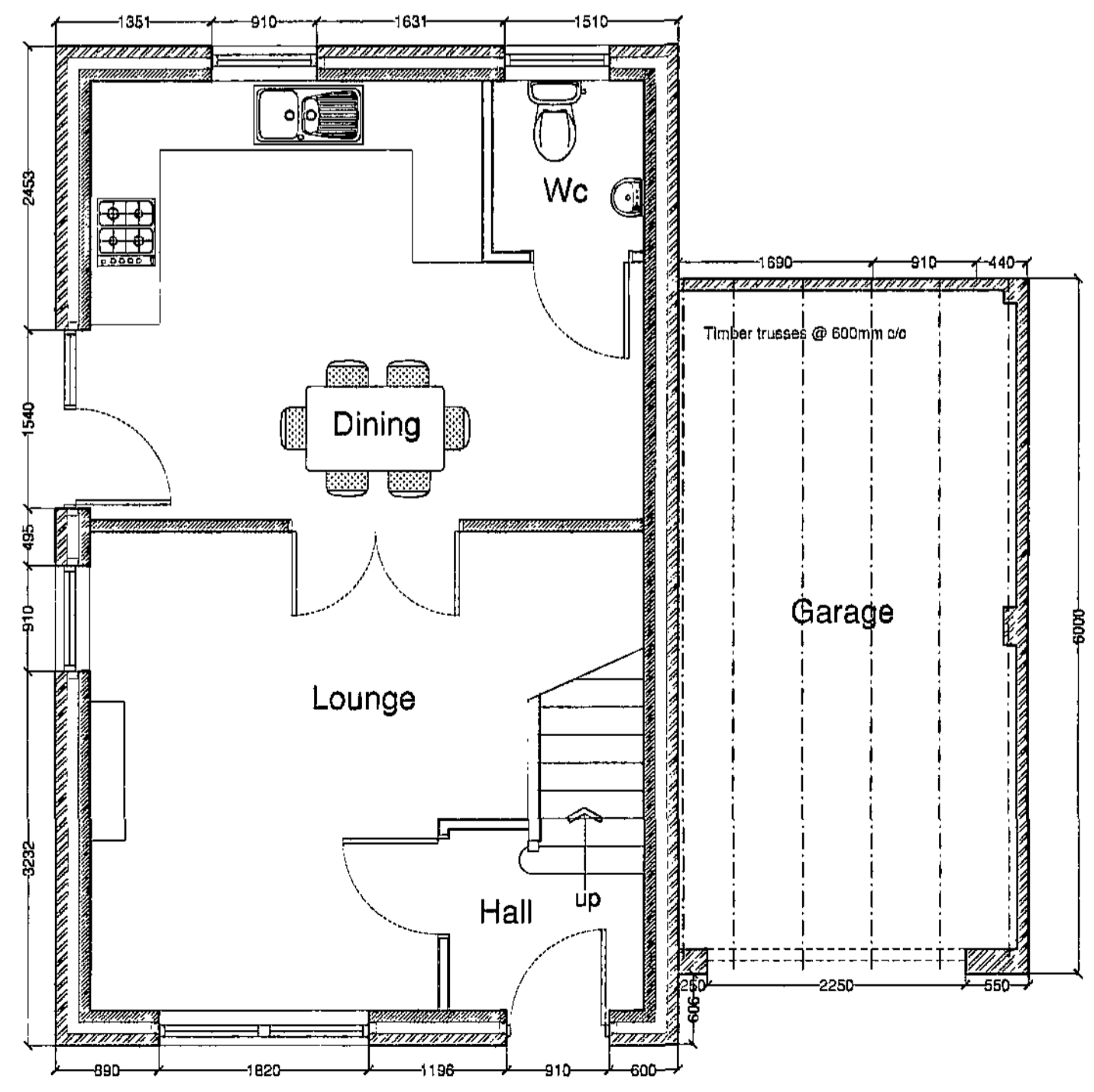
South Elevation



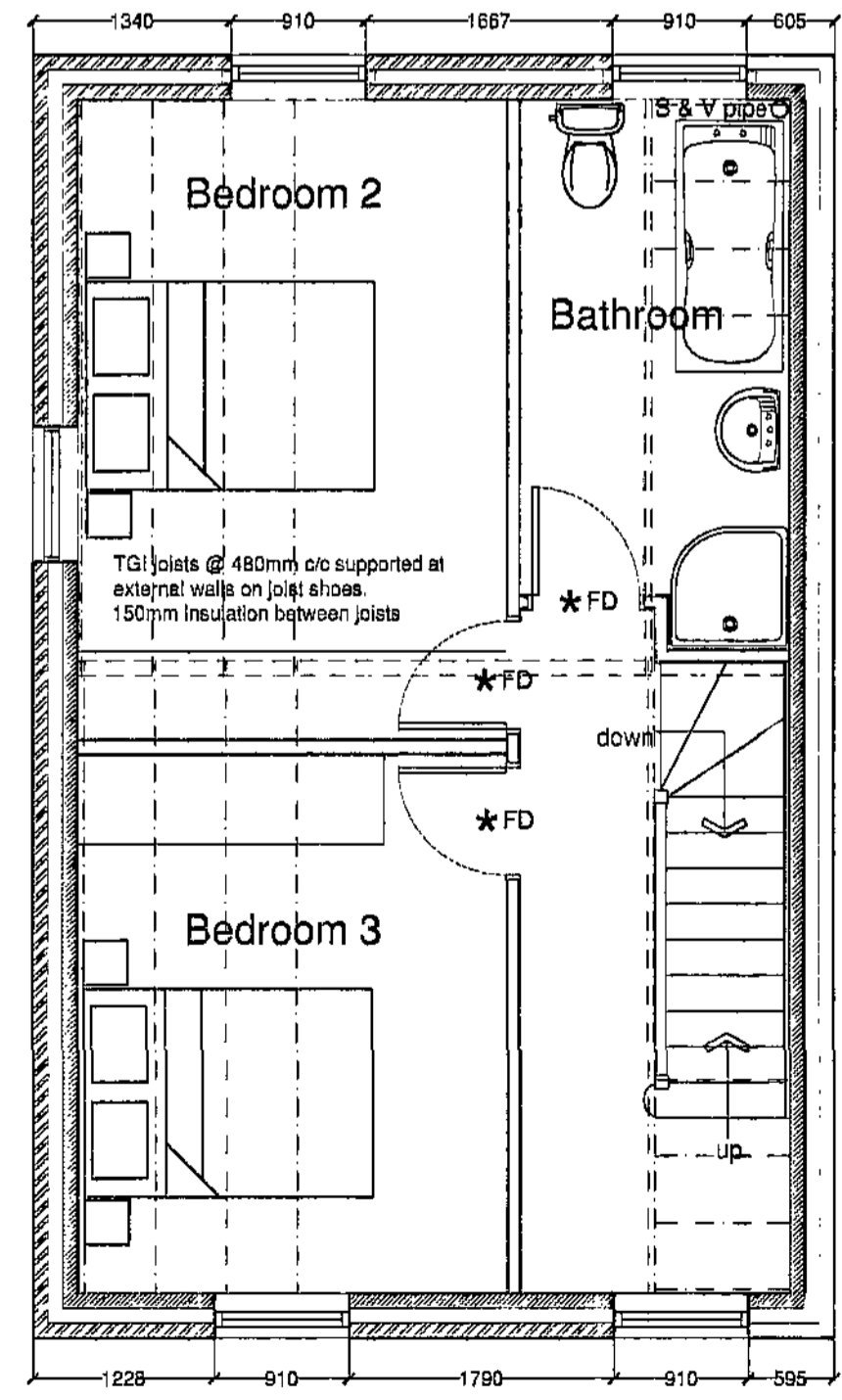
East Elevation



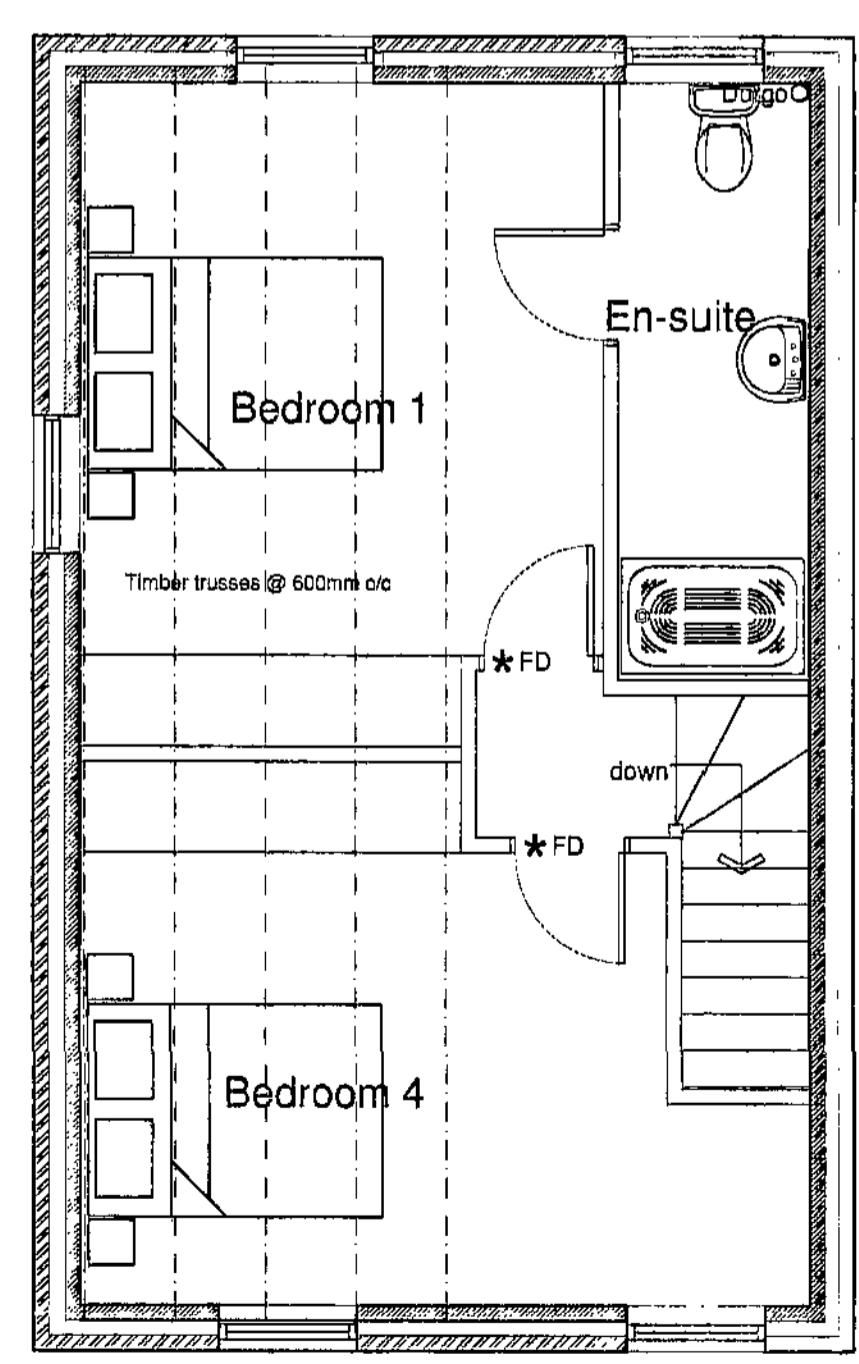
Typical Section - 1:50



Ground Floor Plan



First Floor Plan



Second Floor Plan



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KEPTCASTLE LTD

PROJECT
**PROPOSED RESIDENTIAL DEVELOPMENT
 CUTTING EDGE - WORSBOROUGH
 BARNLEY**

DRG. TITLE
HOUSE TYPE C4

SCALES	DATE	DRAWN	CHKD
1:50 1:100	15.03.12	RAL	
DRG. No.		REV	
2322/180			

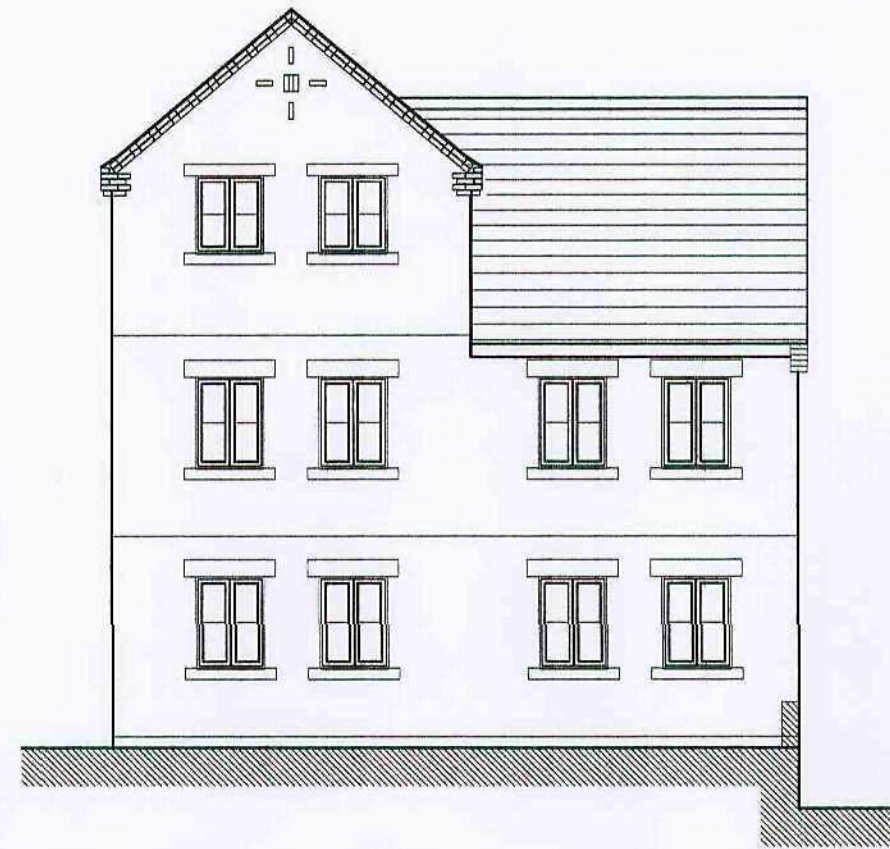
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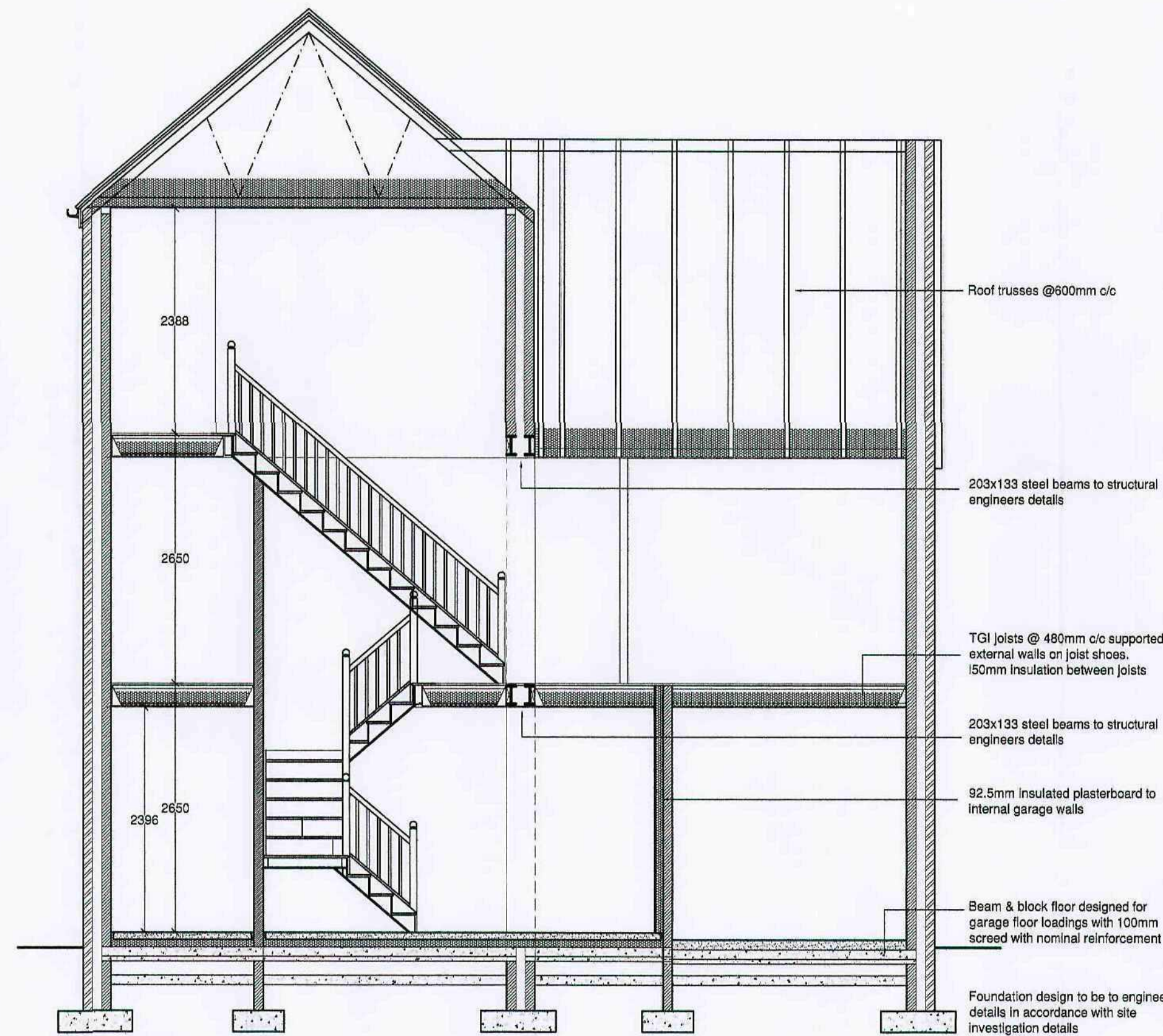
REF.	DESCRIPTION	BY	CHK	DATE



East Elevation

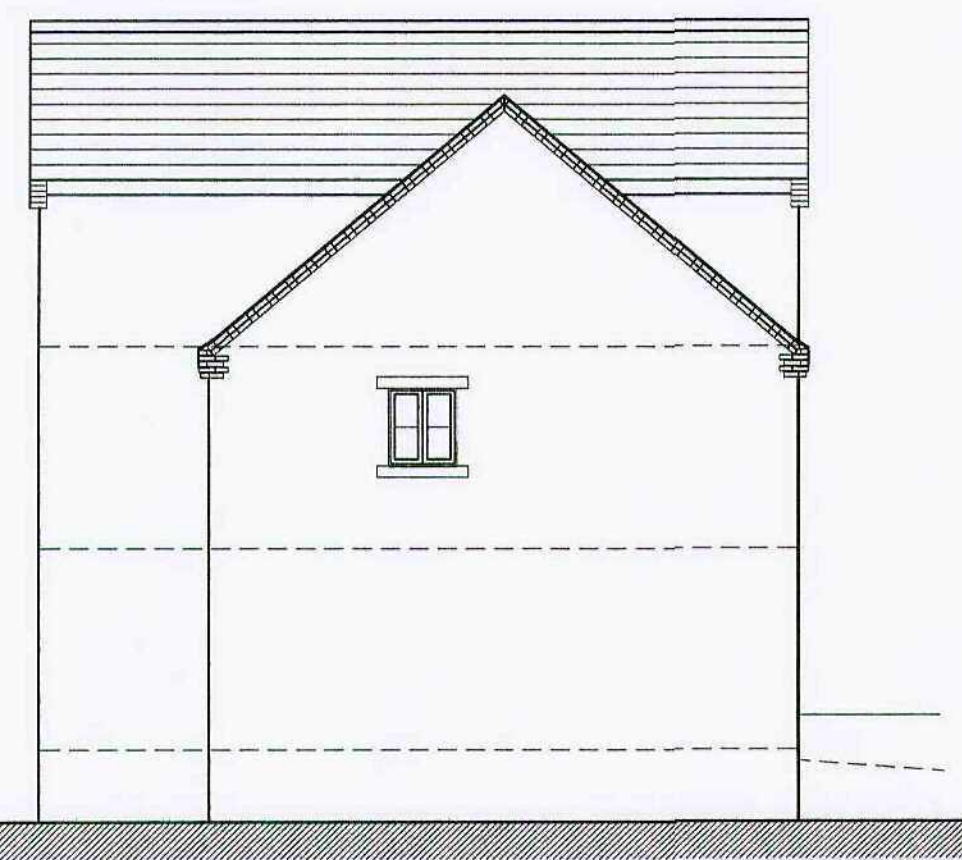


Elevation to Park Road

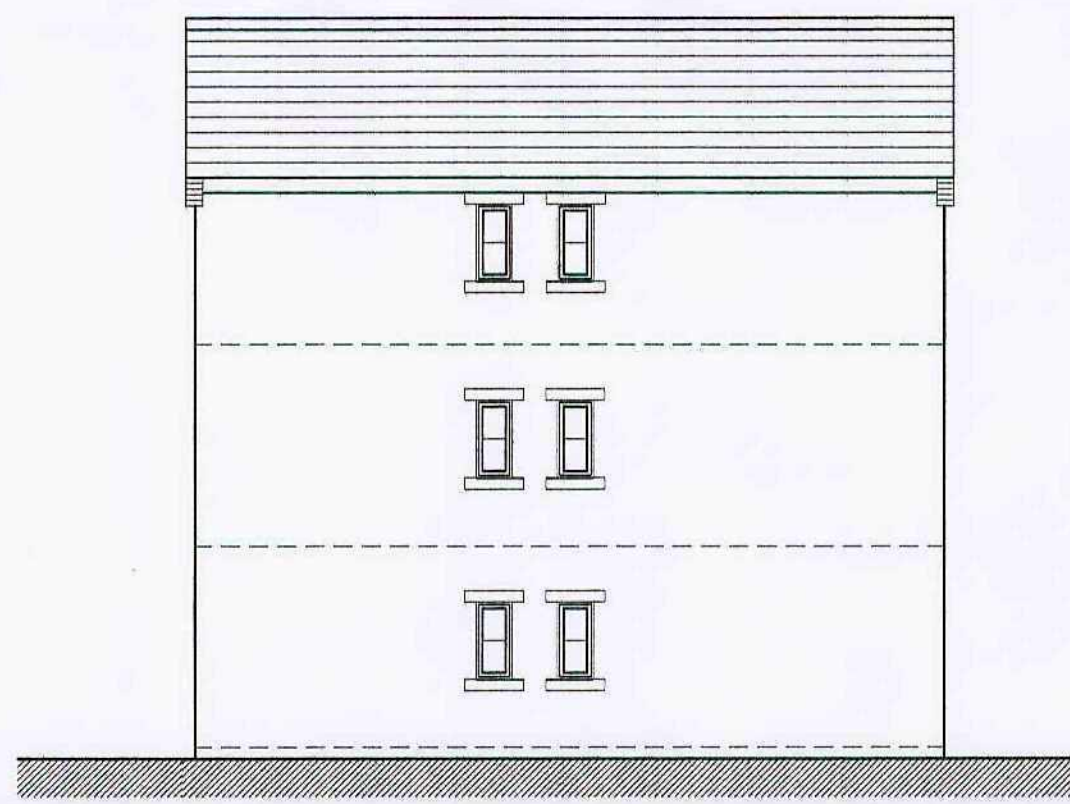


Section A - A

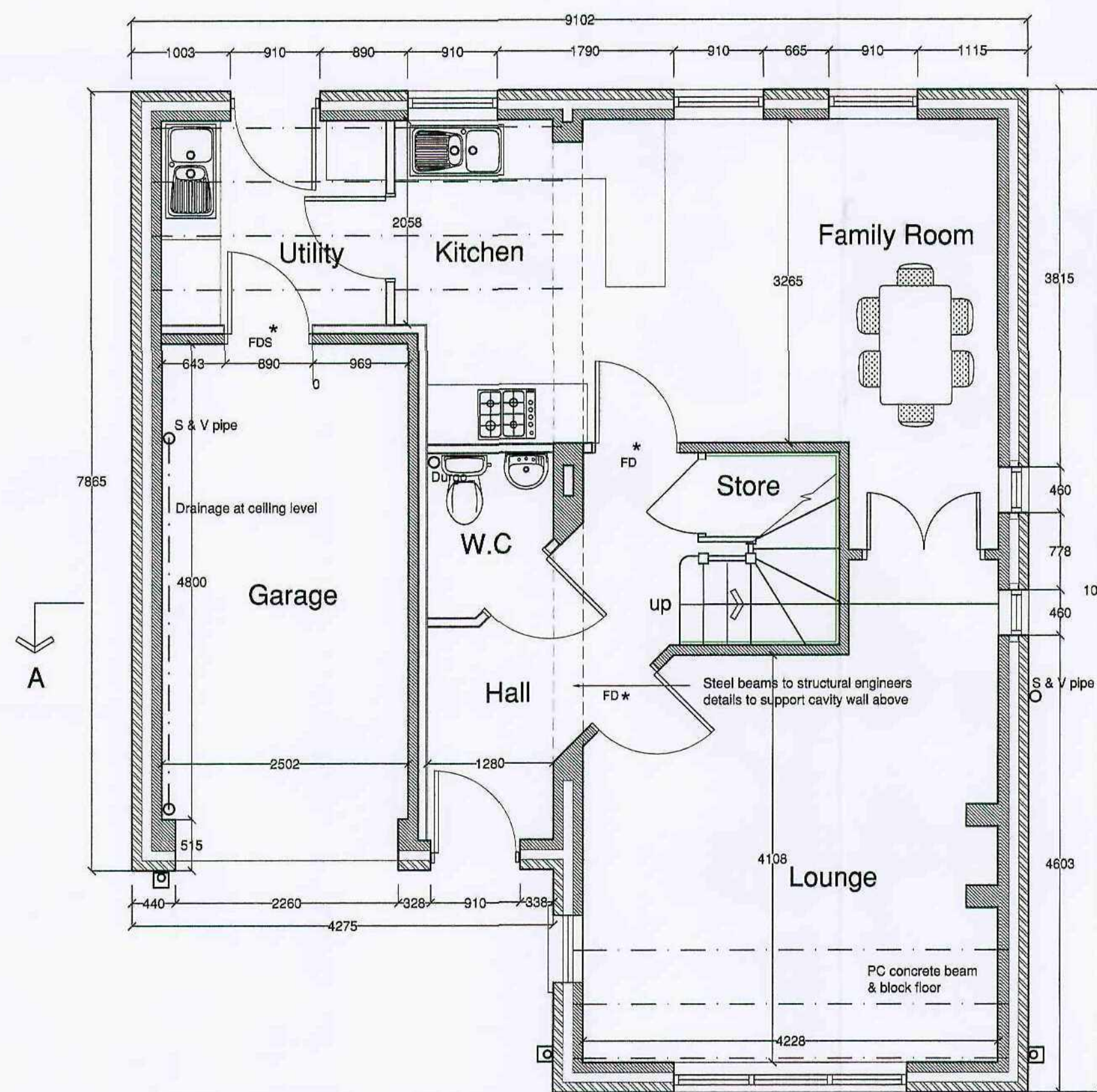
- FD * indicates half hour FR door & frame with intumescent strips
- FDS * indicates half hour FR door & frame with intumescent smoke seals & door closer



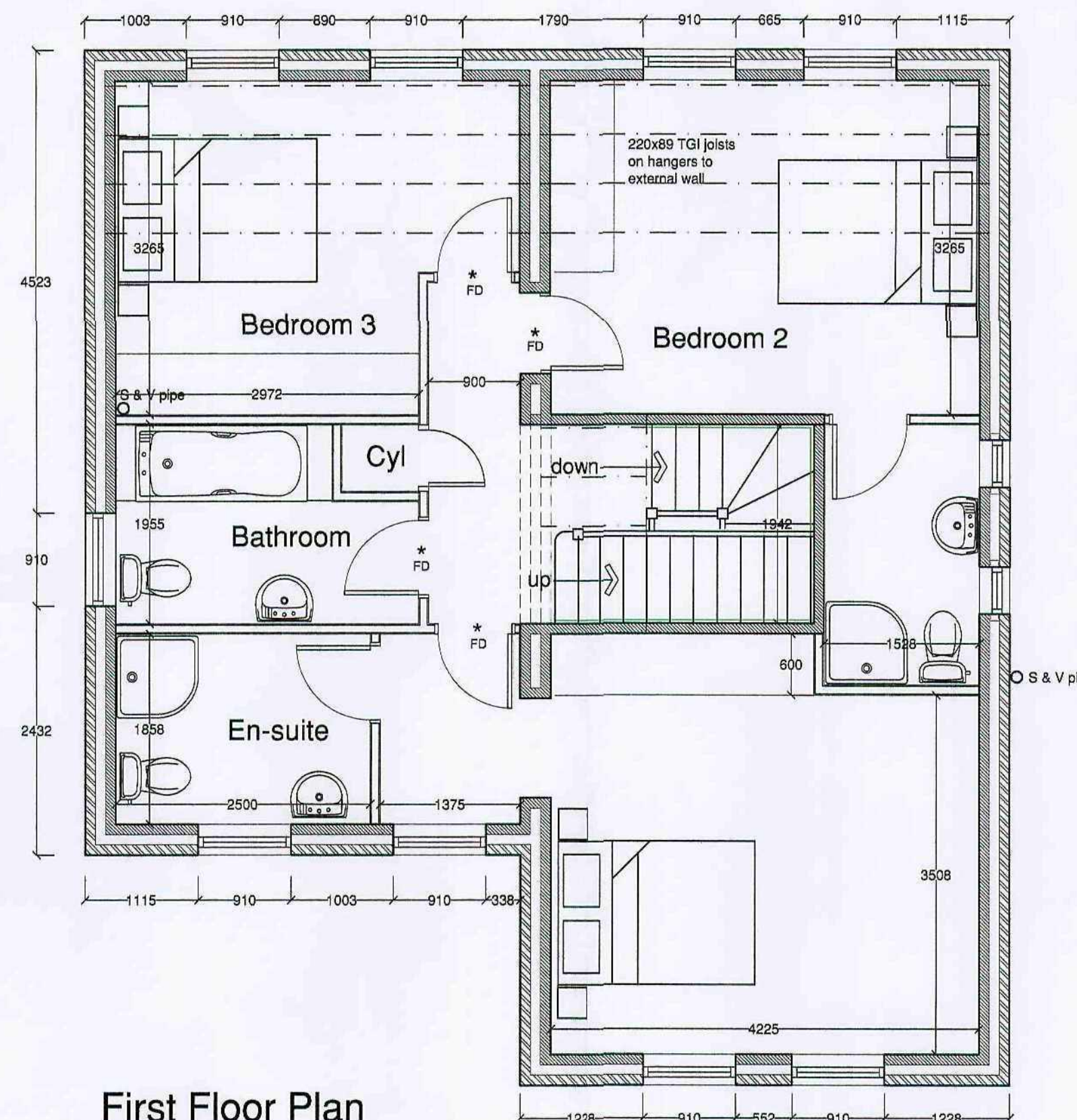
North Elevation



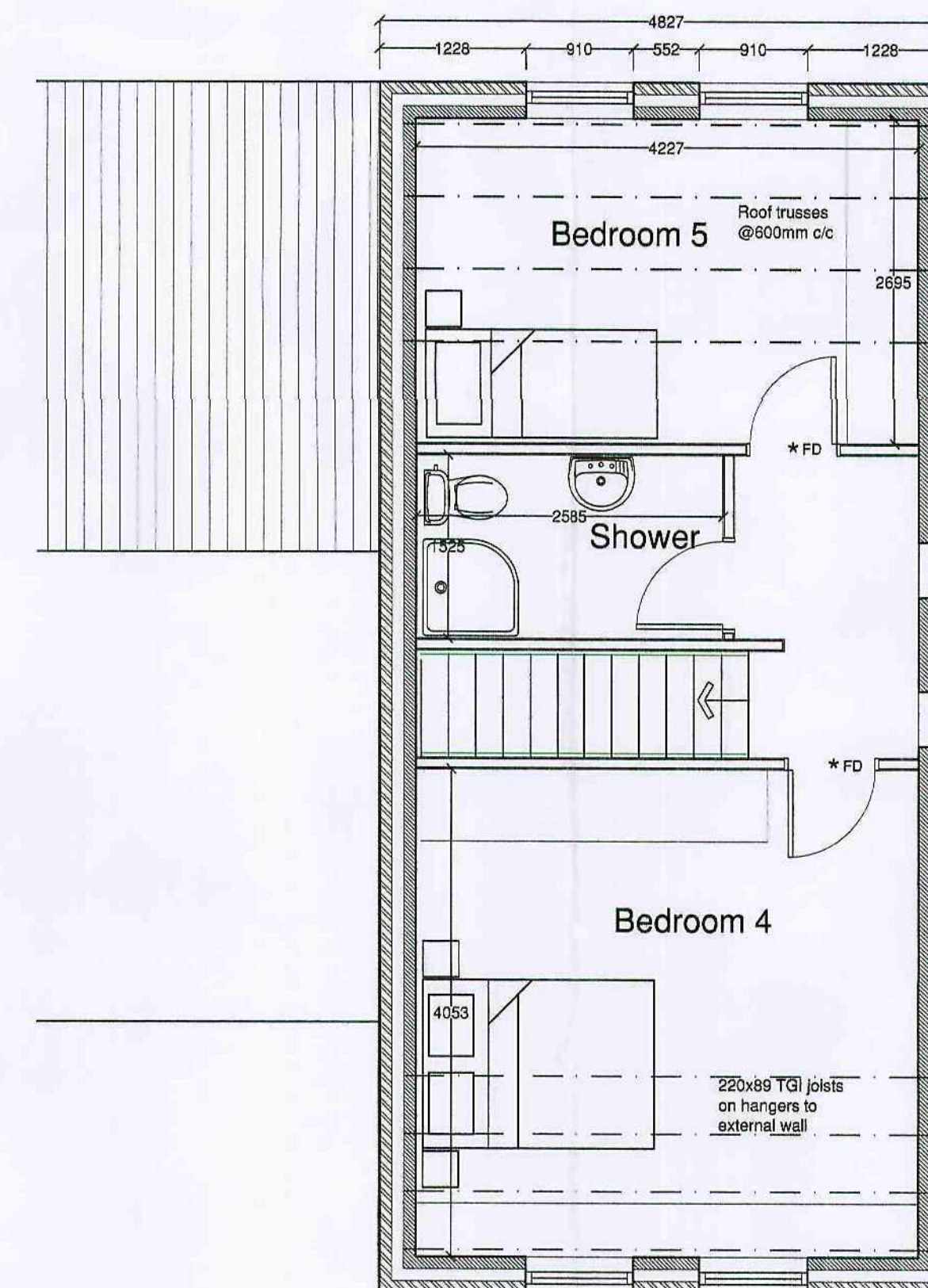
South Elevation



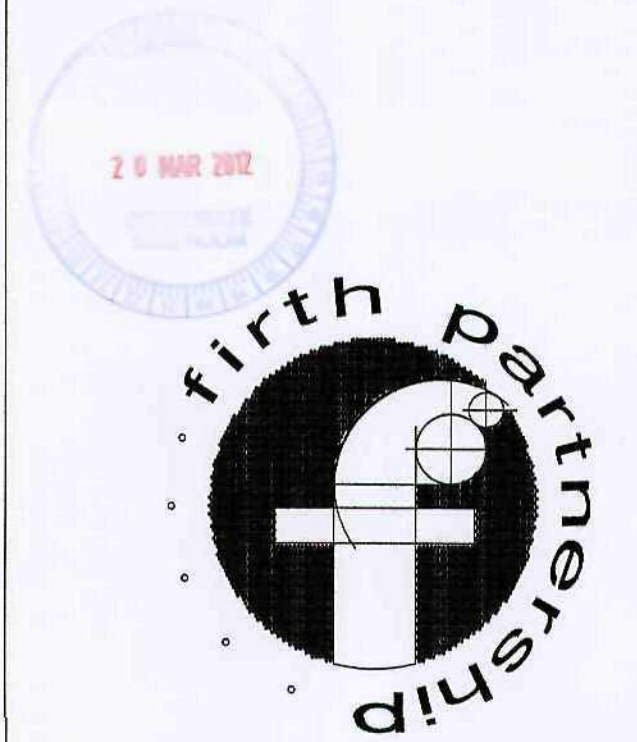
Ground Floor Plan



First Floor Plan



Second Floor Plan



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 BARNLEY

DRG. TITLE
 HOUSE TYPE E1 - HANDED - PLOT 6

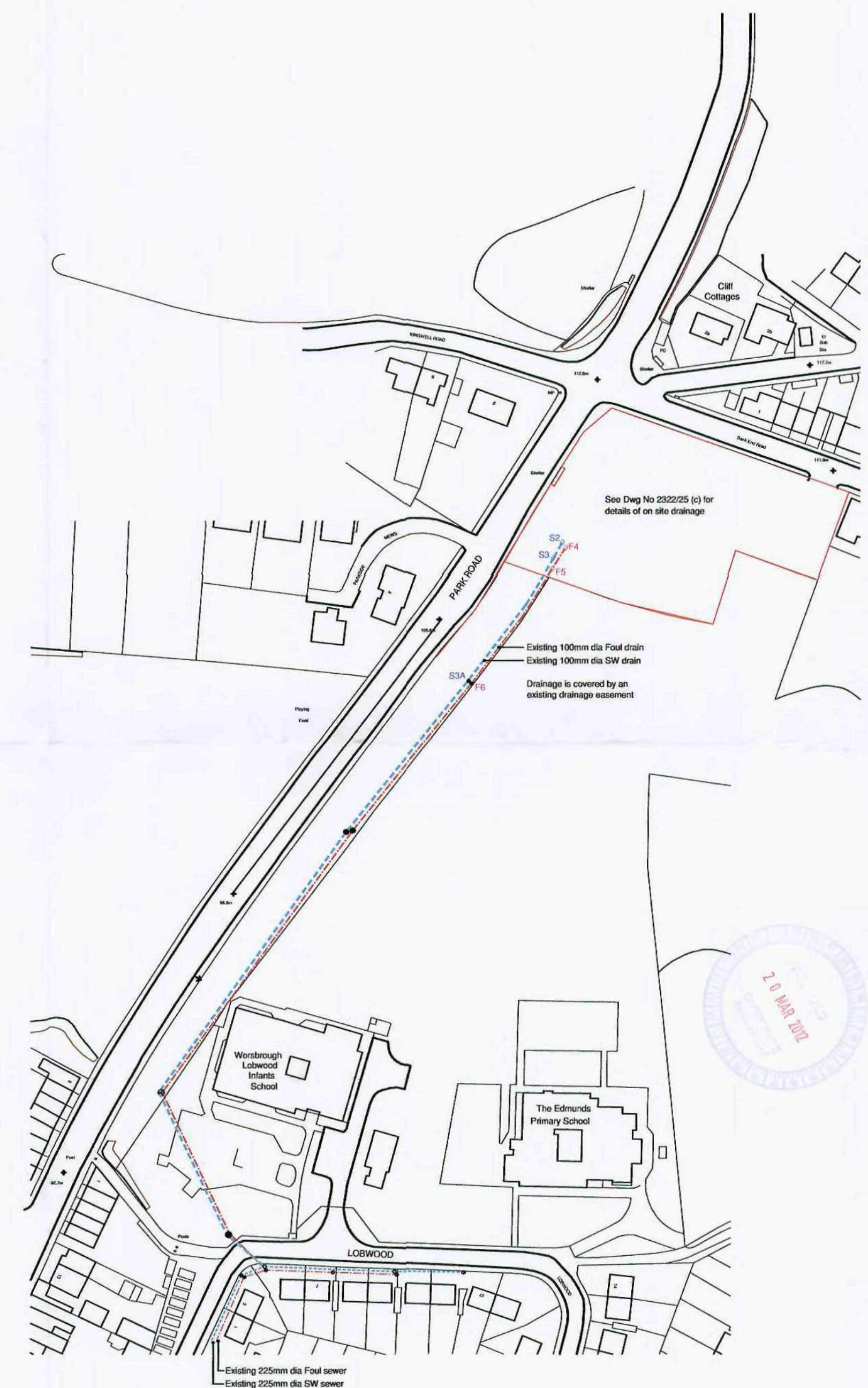
SCALES	DATE	DRAWN	CHKD
1:50 1:100	15.03.12	RAL	
DRG. No.	2322/161	REV	

Manhole Schedule

Foul Drainage						
Ref: -	Type (See Key)	Size	Cover	Cover Level	Invert Level	Depth (mm)
FW 1	Brick	Existing	Existing	109.12	106.69	2430
FW 2	Brick	Existing	Existing	107.44	106.09	1350
FW 3	Brick	Existing	Existing	106.52	105.48	1040
FW 4	Brick	Existing	Existing	106.25	104.71	1540
FW 5	TBC	Existing	Buried			
FW 6	Brick	Existing	Existing			
FW 7	MAC	300 Ø	346x346 Polymer	107.05	106.60	450
FW 8	MAC	300 Ø	346x346 Polymer	107.05	106.47	580
FW 9	MAC	300 Ø	346x346 Polymer	107.05	106.60	450
FW 10	PPIC	475 Ø	440 Ø Ductile Iron	107.50	106.90	600
FW 11	MAC	300 Ø	346x346 Polymer	107.93	107.33	580
FW 12	PPIC	475 Ø	440 Ø Ductile Iron	108.65	107.59	1060
FW 13	PPIC	475 Ø	440 Ø Ductile Iron	108.65	107.68	970
FW 14	PPIC	475 Ø	440 Ø Ductile Iron	108.65	107.79	860
FW 15	PPIC	475 Ø	440 Ø Ductile Iron	108.65	107.90	750
FW 16	MAC	300 Ø	346x346 Polymer	108.23	107.65	580
FW 17	MAC	300 Ø	346x346 Polymer	108.60	108.00	600
FW 18	PPIC	475 Ø	440 Ø Ductile Iron	108.95	108.30	650
FW 19	PPIC	475 Ø	440 Ø Ductile Iron	109.10	108.40	700
FW 20	MAC	300 Ø	346x346 Polymer	109.10	108.65	450
FW 21	PPIC	475 Ø	440 Ø Ductile Iron	107.90	107.23	670
FW 22	MAC	300 Ø	346x346 Polymer	107.90	107.33	570
FW 23	MAC	300 Ø	346x346 Polymer	107.90	106.45	450
FW 24	PPIC	475 Ø	440 Ø Ductile Iron	108.70	108.03	670
FW 25	Conc	450 Ø	346x346 Polymer	108.70	107.38	1.32
FW 26	PPIC	475 Ø	440 Ø Ductile Iron	109.45	108.67	780
FW 27	PPIC	475 Ø	440 Ø Ductile Iron	109.45	108.77	680
FW 28	MAC	300 Ø	346x346 Polymer	109.45	108.91	540
FW 29	PPIC	475 Ø	440 Ø Ductile Iron	108.70	107.55	1150
FW 30	PPIC	475 Ø	440 Ø Ductile Iron	108.70	107.66	1040
FW 31	PPIC	475 Ø	440 Ø Ductile Iron	109.10	107.91	1190
FW 32	MAC	300 Ø	346x346 Polymer	109.45	108.85	600
FW 33	MAC	300 Ø	346x346 Polymer	109.20	108.60	600
FW 34	PPIC	475 Ø	440 Ø Ductile Iron	109.00	108.23	770
FW 35	PPIC	475 Ø	440 Ø Ductile Iron	109.51	108.63	880
FW 36	PPIC	475 Ø	440 Ø Ductile Iron	109.96	109.06	750
FW 37	MAC	300 Ø	346x346 Polymer	109.96	109.21	600
FW 38	PPIC	475 Ø	440 Ø Ductile Iron	109.96	109.36	600

Surface Water Drainage						
Ref: -	Type (See Key)	Size	Cover	Cover Level	Invert Level	Depth (mm)
SW 1	Brick	Existing	Existing (level reduced)	108.70	106.55	2150
SW 2	Brick	Existing	Existing	106.27	104.93	1340
SW 3	Brick	Existing	Existing	105.41	99.94	5470
SW 3A	Brick	Existing	Existing			
SW 4	Brick	Existing	Existing (level increased)	107.25	105.35	1900
SW 5	MAC	300 Ø	346x346 Polymer	107.25	106.75	500
SW 6	PPIC	475 Ø	440 Ø Ductile Iron	108.23	107.60	630
SW 7	PPIC	475 Ø	440 Ø Ductile Iron	108.65	107.89	760
SW 8	PPIC	475 Ø	440 Ø Ductile Iron	108.65	108.12	530
SW 9	MAC	300 Ø	346x346 Polymer	108.60	108.00	600
SW 10	MAC	300 Ø	346x346 Polymer	108.95	108.47	480
SW 11	MAC	300 Ø	346x346 Polymer	109.00	108.55	450
SW 12	MAC	300 Ø	346x346 Polymer	109.10	108.65	450
SW 13	PPIC	475 Ø	440 Ø Ductile Iron	107.25	106.50	750
SW 14	PPIC	475 Ø	440 Ø Ductile Iron	108.20	107.50	700
SW 15	PPIC	475 Ø	440 Ø Ductile Iron	109.15	108.21	940
SW 16	MAC	300 Ø	346x346 Polymer	109.00	108.50	500
SW 17	MAC	300 Ø	346x346 Polymer	109.51	108.91	600
SW 18	MAC	300 Ø	346x346 Polymer	108.70	108.21	490
SW 19	PPIC	475 Ø	440 Ø Ductile Iron	109.60	108.90	700
SW 20	MAC	300 Ø	346x346 Polymer	109.60	106.00	600
SW 21	MAC	300 Ø	346x346 Polymer	110.75	110.15	600
SW 22	MAC	300 Ø	346x346 Polymer	112.10	111.60	500

- Key
- PPIC Polypropylene Inspection Chamber, all blank connections to be stopped.
 - MAC Mini Access Chamber, all blank connections to be stopped.
 - Brick Brick construction manhole.
 - Conc Concrete ring construction manhole.
 - AG Access Gully with rainwater pipe.
 - RG Road Gully.
 - YG Yard gully with silt trap and horizontal inlet.



Route of Existing Foul & SW Drainage - Scale 1:1250

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REF.	DESCRIPTION	BY	CHK	DATE



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PROJECT
**RESIDENTIAL DEVELOPMENT
 CUTTING EDGE, WORSBOROUGH
 BARNLEY**

DRG. TITLE
**DRAINAGE SCHEDULE &
 EXISTING DRAINAGE DETAILS**

SCALES	DATE	DRAWN	CHKD
1:1250	02.09.10	RAL	

DRG. No.	REV
2322/26	