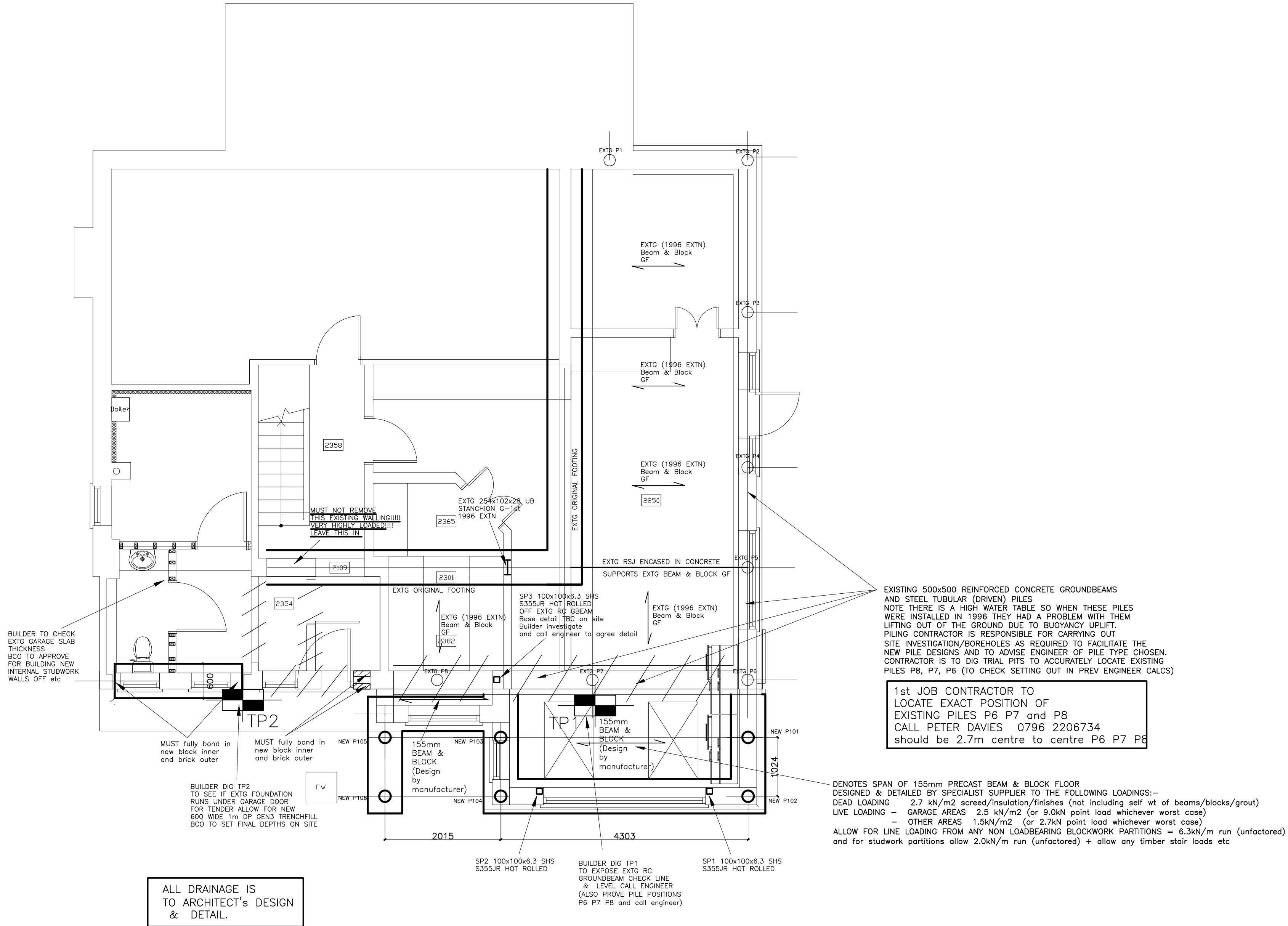




ALL DRAINAGE IS TO ARCHITECT'S DESIGN & DETAIL.

FOR TRENCHFILL FOUNDATIONS ↓

BUILDING CONTROL OFFICER TO SET DEPTHS & APPROVE ALL FOUNDATIONS PRIOR TO CASTING

CONCRETE FOR FOUNDATIONS TO BE GEN 3 20N MASS CONCRETE UNLESS NOTED OTHERWISE

EXTERNAL WALL FOUNDATIONS CENTRELINE OF CAVITY = CENTRELINE OF FOUNDATIONS

TPO TREES – HENCE HAND DIG REQUIRED DO NOT CUT THROUGH ANY ROOTS LARGER THAN 40mm DIAMETER. REFER TO TREE REPORT BY GIFFORD TREE SERVICE.

GROUND FLOOR PLAN SHOWING FOUNDATIONS (1:50)

FOR PILED FOUNDATIONS ↓

ALL GROUNDBEAMS 600widex450deep RC40 CONCRETE MUST BE SHUTTERED 50mm cover

EXTERNAL WALL FOUNDATIONS CENTRELINE OF CAVITY = CENTRELINE OF FOUNDATIONS

PILE TYPE & DESIGN TBC
PILE DESIGN IS BY SPECIALIST PILING FIRM
USE FOS =3 IN PILE DESIGN TO AVOID PILE LOAD TESTS
ALLOW FOR SITE INTEGRITY TESTING IF BORED INSITU/CFA PILES USED
ALLOW FOR DYNAMIC PROBING EACH PILE POSITION PRIOR TO START TO CHECK FOR ROOTS or OBSTRUCTIONS (IF NECC)
CONTRACTOR IS RESPONSIBLE FOR CHECKING LOCATION OF ALL SERVICES PRIOR TO START AND INFORMING ENGINEER IF ANY CLASHES etc, ALLOW FOR DIVERTING SERVICES/DRAINAGE AS REQUIRED

TPO TREES – HENCE HAND DIG REQUIRED DO NOT CUT THROUGH ANY ROOTS LARGER THAN 40mm DIAMETER. REFER TO TREE REPORT BY GIFFORD TREE SERVICE

REFER TO PILING SPECIFICATION

Use FoS =3.0 in pile design to avoid pile load tests

PILE No	WORKING LOAD (kN)
P101	100
P102	100
P103	100
P104	100
P105	100
P106	50 and –25kN TENSION

P106 IS A TENSION PILE DESIGN PILE TO RESIST 50kN downward and 25kN UPLIFT TENSION

NOTES:–
1. REFER TO SEPERATE A4 SPECIFICATION NOTES AND DETAIL SKETCHES

A	P	J	P	J	P	J	P	J	Rev
drawn	chkd	apprvd	date	date	date	date	date	date	description

CLIENT –
MR & MRS POYNTON

PROJECT:–
**34 GRASSMERE WAY
WATERLOOVILLE**

DRAWING TITLE:–
STRUCTURAL DRAWING 1

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date	drawn	checked	approved
Feb 2021	PJ		

scales
AS SHOWN.

arg. no.	rev.
1566/S/01	A