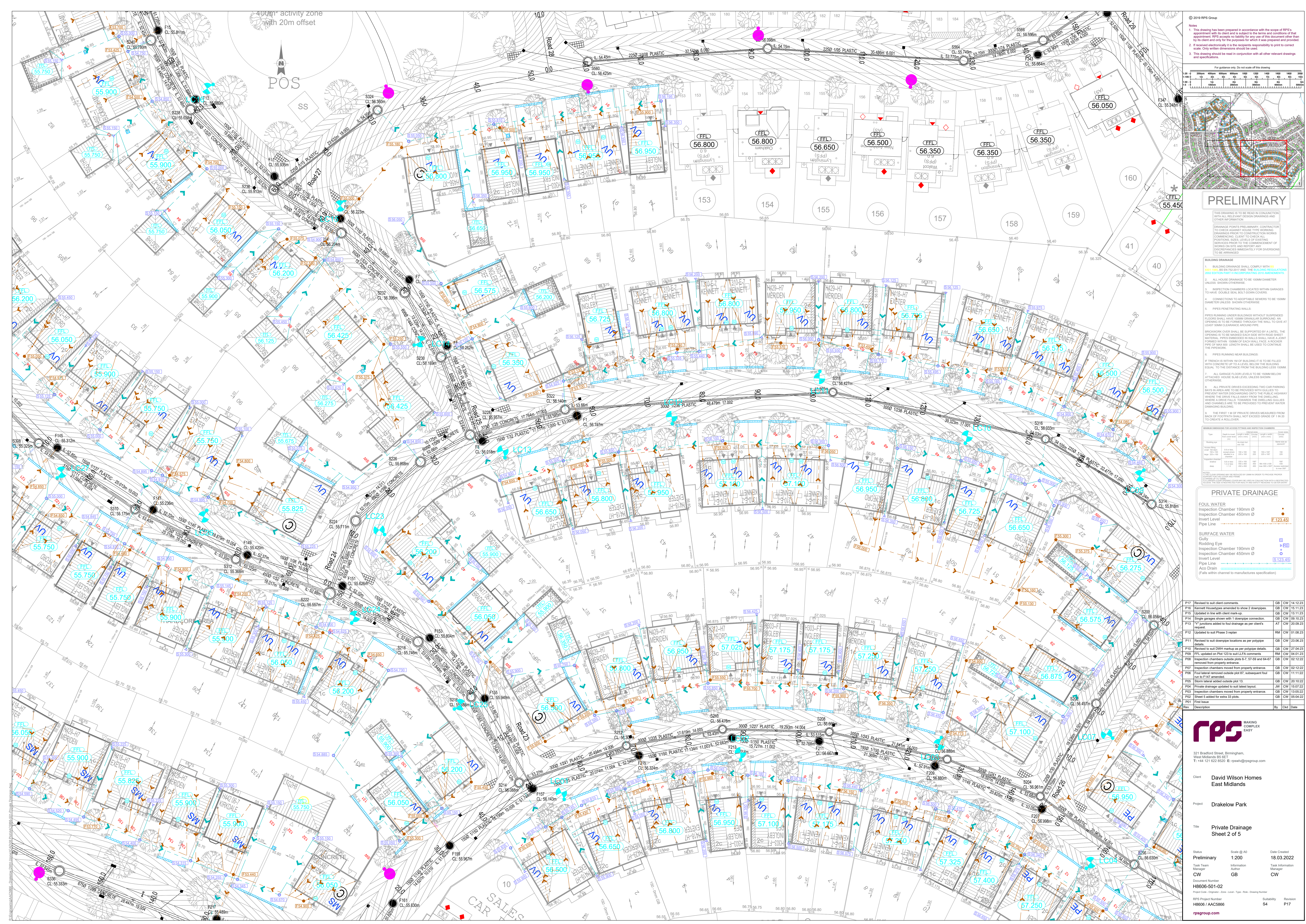




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Notes

1. This drawing has been prepared in accordance with the scope of RPS's appointment with the client and is subject to the terms and conditions of that appointment. RPS accepts no liability for any loss or damage other than by the client and only for the purposes for which it was prepared and provided.
2. If received electronically it is the recipient's responsibility to print to correct scale. Only written dimensions should be used.
3. This drawing should be read in conjunction with all other relevant drawings and specifications.

For guidance only. Do not scale off the drawing

0 200m 400m 600m 800m 1000 1200 1400 1600 1800 2000

0' 20" 40" 60" 80" 100" 120" 140" 160" 180" 200"

5

PRELIMINARY

THIS DRAWING IS TO BE READ IN CONJUNCTION
WITH ALL RELEVANT DESIGN DRAWINGS AND
OTHER INFORMATION

- DRAINAGE POINT'S PRELIMINARY CONTRACTOR TO CHECK AGAINST HOUSE TYPE WORKING DRAWINGS PRIOR TO CONSTRUCTION WORKS COMMENCING. CLIENT TO CHECK ALL POSITIONS, SIZES, LEVELS OF EXISTING SERVICES PRIOR TO THE COMMENCEMENT OF WORKS ON SITE AND REPORT ANY DISCREPANCIES IMMEDIATELY FOR DIVERSIONS TO BE ARRANGED

BUILDING DRAINAGE

1. BUILDING DRAINAGE SHALL COMPLY WITH **BS 6001:1985, BS EN 752:2017 AND THE BUILDING REGULATIONS 2010 EDITION PART H INCORPORATING 2010 AMENDMENT.**
2. ALL HOUSE DRAINAGE TO BE 100MM DIAMETER UNLESS SHOWN OTHERWISE.
3. INSPECTION CHAMBERS LOCATED WITHIN GARAGES TO HAVE DOUBLE SEAL BOLT-DOWN COVERS.
4. CONNECTIONS TO ADAPTABLE SEWERS TO BE 150MM DIAMETER UNLESS SHOWN OTHERWISE
5. PIPES PENETRATING WALLS:

PIPES RUNNING UNDER BUILDINGS WITHOUT SUSPENDED FLOORS SHALL HAVE 100MM GRANULAR SURROUND. AN OPENING IS TO BE FORMED THROUGH THE WALL TO GIVE AT LEAST 50MM CLEARANCE AROUND PIPE.

BRICKWORK OVER SHALL BE SUPPORTED BY A LINTEL. THE OPENING IS TO BE MASKED EACH SIDE WITH RIGID SHEET MATERIAL. PIPES EMBEDDED IN WALLS SHALL HAVE A JOINT FORMED WITHIN 150MM OF EACH WALL FACE. A ROCKER PIPE OF MAX 600 LENGTH SHALL BE USED TO CONTINUE THE PIPEWORK.

6. PIPES RUNNING NEAR BUILDINGS:
- IF TRENCH IS WITHIN 1M OF BUILDING IT IS TO BE FILLED WITH CONCRETE UP TO A LEVEL BELOW THE BUILDING EQUAL TO THE DISTANCE FROM THE BUILDING LESS 150MM
7. ALL GARAGE FLOOR LEVELS TO BE 150MM BELOW ATTACHED HOUSE SLAB LEVEL UNLESS SHOWN OTHERWISE.
8. ALL PRIVATE DRIVES EXCEEDING TWO CAR PARKING BAYS IN AREA ARE TO BE PROVIDED WITH GULLIES TO PREVENT WATER DISCHARGING ONTO THE PUBLIC HIGHWAY WHERE THE DRIVE FALLS AWAY FROM THE DWELLING. WHERE A DRIVE FALLS TOWARDS THE DWELLING GULLIES AND MANHOLES ARE TO BE PROVIDED TO PREVENT WATER DAMAGING BUILDING.
9. THE FIRST 1 M OF PRIVATE DRIVES MEASURED FROM BACK OF FOOTPATH SHALL NOT EXCEED GRADE OF 1 IN 20 TO CREATE A ROLL-OVER.

Type	Depth to (inset) flange cover (mm)	Internal sizes Length x width (mm x inch)	Circular size (mm)	Length x width (mm x inch)	Cover size Circular (mm)
Rooding eye		At least 100			Same size as pigment*
Access fitting small 150 mm large 225 x 150	6.5 or less, except where situated in a chamber	150 x 100 225 x 100	150 225	150 x 180* 225 x 100*	150 225
Inspection chamber					
shallow	0.5 or less 1.2 or less if > 1.2	225 x 150 400 x 450	180* 450	Min 300 x 430 max 300 x 300*	180* 430
deep			450		Accesses required to meet 300*

PRIVATE DRAINAGE

INSPECTION CHAMBER

Inspection Chamber 190mm Ø	•
Inspection Chamber 450mm Ø	•
Invert Level	F 123.4
Propose Line	-----

SURFACE WATER

July

Adding Eye

Inspection Chamber 190mm Ø

Inspection Chamber 450mm Ø

invert Level

Propose Line

Drain

(all within channel to manufactures specification)

P17	Reviewed to suit client comments.	GB	OW	14.12.11
P18	Kenneth Householders amended to show 2 drawings of ground lines with all 31 drawings	GB	OW	15.12.11
P19	Design garage shown with 31 drawings	GB	OW	16.12.11
P20	"Y" drawings amended to full drainage as per client's request	AT	OW	19.02.12
P21	Reviewed to suit Phase 3 region	RM	OW	01.02.12
P22	Reviewed to suit Phase 3 region as per poplite details	GB	OW	23.02.12
P23	Reviewed to suit D21 mainline as per poplite details	GB	OW	27.02.12
P24	Reviewed to suit D21 mainline as per poplite details	RM	OW	27.02.12
P25	Inspection chambers outside plots 6, 57, 59 and 54-67 removed from property entirely.	GB	OW	02.12.12
P26	Inspection chambers outside plots 6, 57, 59 and 54-67 removed from property entirely.	GB	OW	02.12.12
P27	Foul lateral removed outside plot 38, subsequent foul line P42 amended	GB	OW	11.12.12
P28	Foul lateral removed outside plot 38	GB	OW	11.12.12
P29	Private drainage amended to suit lateral layout	JW	OW	15.02.12
P30	Inspection chambers moved from property entirely	GB	OW	13.07.12
P31	Inspection chambers moved for extra 31 drawings	GB	OW	09.04.12
P32	Final notes			
P33	Rev Description	By	Chk	Date



Client **David Wilson Homes**
East Midlands

Project Drakelow Park

Title Private Drainage
Sheet 2 of 5

Status	Scale @ AD	Date Created
Preliminary	1:200	18.03.2022
Task Team Manager	Information Author	Task Information Manager
CW	GB	CW

Document Number
H8606-501-02

Project Code - Originator - Zone - Level - Type - Role - Drawing Number

RPS Project Number	Suitability	Revision
H8606 / AAC5866	S4	P17

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