SK44034309
CL: 122.87
IL: 121.751
E: 444415.797
N:303306.802

ALLOW FOR GRAVITY SEWER INTO EXISTING STW FWS

RISING MAIN LAID 1.5m DEPTH

BED LEVEL OF OPEN CHANNEL 122.90mAOD - INTERPOLATED FROM WATERCOURSE SURVEY

CONTROL CHAMBER RESTRICTED DISCHARGE: 23.3l/s

BED LEVEL OF OPEN CHANNEL 123.50mAOD - INTERPOLATED FROM WATERCOURSE SURVEY

CONTROL CHAMBER RESTRICTED DISCHARGE: 111/s

CONTROL CHAMBER RESTRICTED DISCHARGE: 5l/s

FWPS PUMP ARRANGEMENTS SUBJECT TO PUMP SUPPLIER DESIGN

NO LATERAL CONNECTIONS SHOWN SUBJECT TO PLOT DRAINAGE DESIGN

ALL ADOPTABLE DRAINAGE TO COMPLY WITH DESIGN CODE FOR ADOPTION AND SEVERN TRENT WATER REQUIREMENTS

PRELIMINARY SUBJECT TO SECTION 38 AND SECTION 104 APPROVAL

1. DO NOT SCALE FROM THIS DRAWING. IF IN DOUBT CONTACT TRAVIS BAKER LIMITED.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS RELATING TO THIS PROJECT.
4. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE IMMEDIATELY NOTIFIED IN WRITING TO TRAVIS BAKER LIMITED.
5. THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION CHECK AND VERIFY THAT THE DETAILS SHOWN ON THIS DRAWING ARE FULLY COMPATIBLE WITH ANY AS CONSTRUCTED DIMENSIONS OR LEVELS. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY IN WRITING TO TRAVIS BAKER LIMITED.
6. THIS DRAWING HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE COMMISSIONING PARTY AND UNLESS AGREED IN WRITING BY TRAVIS BAKER LIMITED NO OTHER PARTY MAY USE OR RELY ON ITS CONTENTS. NO LIABILITY IS ACCEPTED BY TRAVIS BAKER LIMITED FOR ANY USE OF THIS DRAWING OTHER THAN FOR THE PURPOSE FOR WHICH IT WAS ORIGINALLY PREPARED.
7. IT SHOULD BE NOTED THAT THIS DRAWING MAY INCLUDE DATA PROVIDED BY THIRD PARTIES. NO LIABILITY IS ACCEPTED BY TRAVIS BAKER LIMITED AS TO THE ACCURACY OF THIS DATA.
8. THIS DRAWING SHALL NOT BE REPRODUCED IN ANY WAY WITHOUT THE WRITTEN PERMISSION OF TRAVIS BAKER LIMITED.

KEY

- SITE BOUNDARY
- S104 FOUL WATER SEWER
- S104 STORM WATER SEWER
- EXISTING FOUL WATER SEWER
- 127.30 FINISHED FLOOR LEVEL
- PROPOSED SEWER EASEMENT
- S38/S278 HIGHWAY GULLY AND CONNECTION
- RISING MAIN

REV	DESCRIPTION	DATE	BY	AUTH
R	REMOVED LOW FLOW CHANNELS OF PONDS.	15.10.25	CL	TW
Q	POND ARRANGEMENT AND LATERALS UPDATED.	17.09.25	CL	TW
P	POND NOTE UPDATED.	03.09.25	CL	TW
N	S278 GULLY AND CONNECTION ADDED TO S14.	15.06.25	CL	TW
M	MOVED HEADWALL POSITION IN THE SITE BOUNDARY.	13.06.25	CL	TW
L	REMOVED UNNECESSARY MANHOLES AND ADDED INVERT LEVELS TO LATERALS.	09.06.25	CL	TW
K	UPDATED FOUL OUTFALL POSITION. MOVED S61, S79, AND S80, AND ADDED GULLIES TO MAINTAIN MAX 40m SPACING.	03.06.25	CL	TW
J	FOUL OUTFALL UPDATED TO GIVE ACCURATE POSITION.	08.05.25	CL	TW
H	FOUL OUTFALL CONNECTION UPDATED.	07.05.25	CL	TW
G	PUMP STATION UPDATED TO SUIT ADVANTAGE PUMPING SOLUTIONS DESIGN.	28.04.25	CL	TW
F	UPDATED TO SUIT LATEST CALCULATIONS - TO ENSURE NO SURCHARGE IN 1 IN 2 YEAR CRITICAL EVENT.	14.04.25	CL	TW
E	ADDED DIMENSIONS TO EASEMENT. REROUTED RM. GRADIENT IMPROVEMENT TO F4-F22, F40-F41, F18-F21, F42-F44, F58-F9.	08.04.25	CL	TW
D	EASEMENT UPDATED TO SHOW THE FOUL WILL BE DISCHARGING INTO HIGHWAYS LAND. LATERALS HAVE BEEN ADDED.	19.03.25	CL	TW
C	EASEMENT AREAS UPDATED TO SUIT NEW DRAINAGE POSITIONS	06.03.25	CL	TW
B	CORRECTED PIPE DIAMETER FOR S13.	06.02.25	CL	TW
A	UPDATED BASIN FOOTPRINT.	16.12.24	CL	TW

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CLIENT
PERSIMMON HOMES

PROJECT
BRASCOTE LANE, NEWBOLD VERDON

TITLE
S104 DRAINAGE LAYOUT

DRAWN	AUTHORISED	SCALE	DATE
CL	TW	1/500@A0	17.10.24

PROJECT NO.	DRAWING NO.	REV
23042	140	R

STATUS.
PRELIMINARY

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