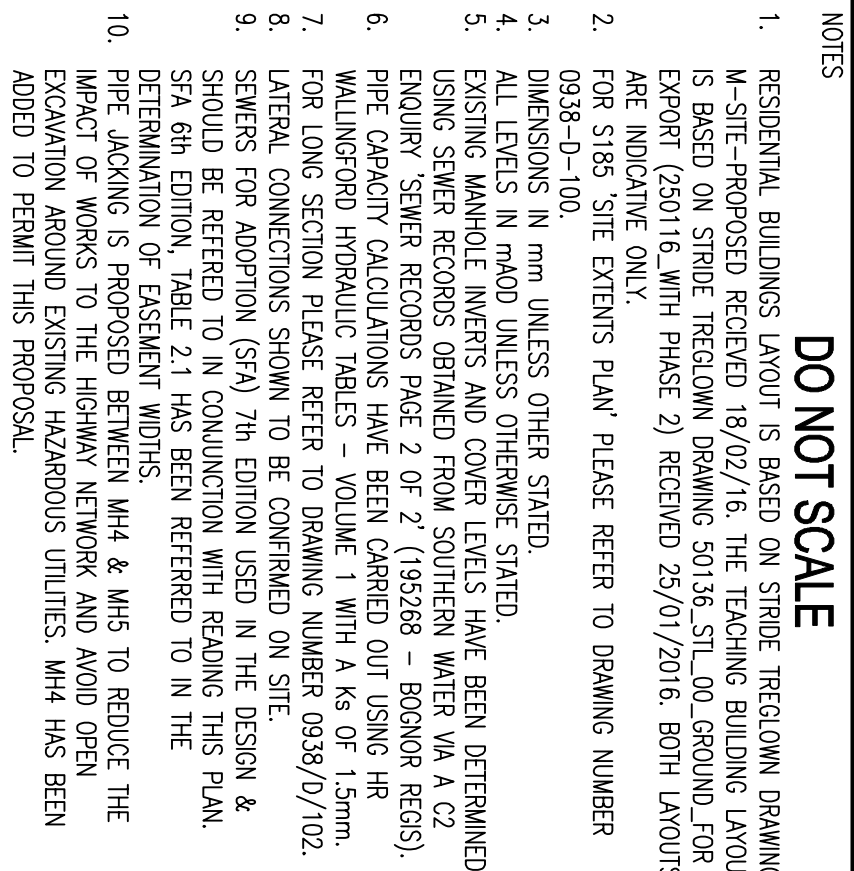


MAX. PIPE CAPACITIES EXISTING & PROPOSED		
	NETWORK REF.	MAX. CAPACITY
EXISTING	SMFW4601 – 3401	192/s
EXISTING	SMFW3605 – 3502	183/s
EXISTING	SMFW3501 – 3502	152/s
	<u>TOTAL (EXISTING)</u>	<u>527/s</u>
PROPOSED	CAPACITY MH3 – SMFW 3404	662/s

 CAUTION: MEDIUM PRESSURE GAS MAIN & HV CABLE IN VICINITY

* – COVER LEVELS SUBJECT TO CHANGE DEPENDING ON CONFIRMED DEVELOPMENT FINISHED LEVELS



DO NOT SCALE

1. RESIDENTIAL BUILDINGS LAYOUT IS BASED ON STAGE TWO DRAINAGE LAYOUT.
 2. M-STEEL PROPOSED RECEIVED 18/02/2016. THE EXISTING BUILDING LAYOUT WAS BASED ON STREET TIE-IN DRAWING DRAINING 30/13/2016. GROUND FLOOR FOR EXPORT (250116 WITH PHASE 2) BEING DRAWN 25/01/2016. BOUND LAYOUT ARE NUMERIC ONLY.
 3. FOR S185 SITE EXISTENT'S PLAN' PLEASE REFER TO DRAWING NUMBER 0938/01-100.
 4. DIMENSIONS IN MM UNLESS OTHER STATED
 5. ALL MATERIALS AND METHODS TO BE USED TO BE STATED
 6. EXISTING MANHOLE INVERTS AND OTHER LEVELS HAVE BEEN DETERMINED USING SURFACE RECORDS OBTAINED FROM SOUTHERN WATER VIA A C2 ENGINEER CAPTAIN RECORDS PAGE 2 OF 2 (1935288 – 80000K RGCS).
 7. PEI CAPACITY CALCULATIONS HAVE BEEN CARRIED OUT USING H.R. WALSHFORD SECTIONAL PIPES – VOLUME 1 WITH A Ks OF 1.5mm.
 8. FOR LONG SECTIONAL PIPELINES REFER TO DRAWING NUMBER 0938/01/102.
 9. LATRIN CONNECTIONS SHOWN TO BE CONFORMED ON SITE.
 10. SAMPLERS FOR ADDITIONAL SPW (7th EDITION USED IN THE DESIGN & SHOULD BE DEFERRED TO IN CONJUNCTION WITH REGION'S THIS PLAN. SUBMITTALS MUST BE REFERRED TO IN THE DETERMINATION OF FACILITIES WORKS.
- PURPOSE OF WORKS TO THE HIGHWAY NETWORK AND WOULD OPEN EXCAVATION AROUND EXISTING HAZARDOUS UTILITIES. MH4 HAS BEEN ADDED TO PREPARE THIS PROPOSAL.

S185 DEVELOPER DIVERSION PROPOSALS

1. UPRIGHTEN OF EXISTING GROUND SURVEYPOINTS TO SWINLEYD TO 7506 REMOVED AND MANHOLE SWINLEYD3 / 3605 / 3501 / 3404 & CONSTRUCTION 500, STATION 376 / 3 MANHOLES (MH-4) & ADJUST SURVEYING TO RECOVER 7506 REBACKING TO THE EXISTING GROUND AS SHOWN. USE EXISTING 4500 SYSTEM TO CORRECT PREVIOUS FLOOD DRAINING CONSTRUCTION. OVER PUMPING WHERE NECESSARY.
2. DECOMMISSION BY EXCAVATION & REMOVAL THE FOLLOWING:
 - 27m OF 4500 PIPE MANHOLE SWINLEYD1 TO SWINLEYD4.
 - 12m OF 4500 PIPE MANHOLE SWINLEYD1 TO SWINLEYD1.
 - 126m OF UNKNOWN 6" FROM SWINLEYD5 TO ITS CLOSED END AS DETERMINED BY CCTV SURVEY.
3. APPROXIMATELY ADJACENT HIGHWAY / VERGES WILL REQUIRE PRIOR ADJACENT / APPROVAL FROM WEST SUSSEX COUNTY COUNCIL. CONSTRUCTION MUST SWINLEYD1 BY PAVING & COMPACTING STA. CONCRETE, INLET AND PREPARING BRICKING AS REQUIRED.

PIPE CAPACITY CALCULATIONS INDICATE THAT UPGRADING THE 6000 PIPE BETWEEN MANHOLES SWF4603 & SWF3402 TO 7500 WILL COMPENSATE FOR THE NETWORK CAPACITY LOST THROUGH REMOVAL OF 4500 NETWORK ELEMENT SWF4603-3401.

FOR INFORMATION ONLY


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PROJECT:		UNIVERSITY OF CHICHESTER	
PROJECT NO:		STRIDE TREGLOWN LTD.	
DATE:		UNIVERSITY OF CHICHESTER	
0838-D-101		ED PARK	
		BOGNOR REGIS	
SCALE @ A1:		TITLE:	
1:500		SOUTHERN WATER	
		S165 DEVELOPER DIVERSION APPLICATION PLAN	
		DRAINAGE NETWORK	
CHECKED:	APPROVED:		
PN	MAS		
ISSUED BY:	DATE:		
MM	August 2016		
DRAWING NO:	REV:		
0838/D/101	D		