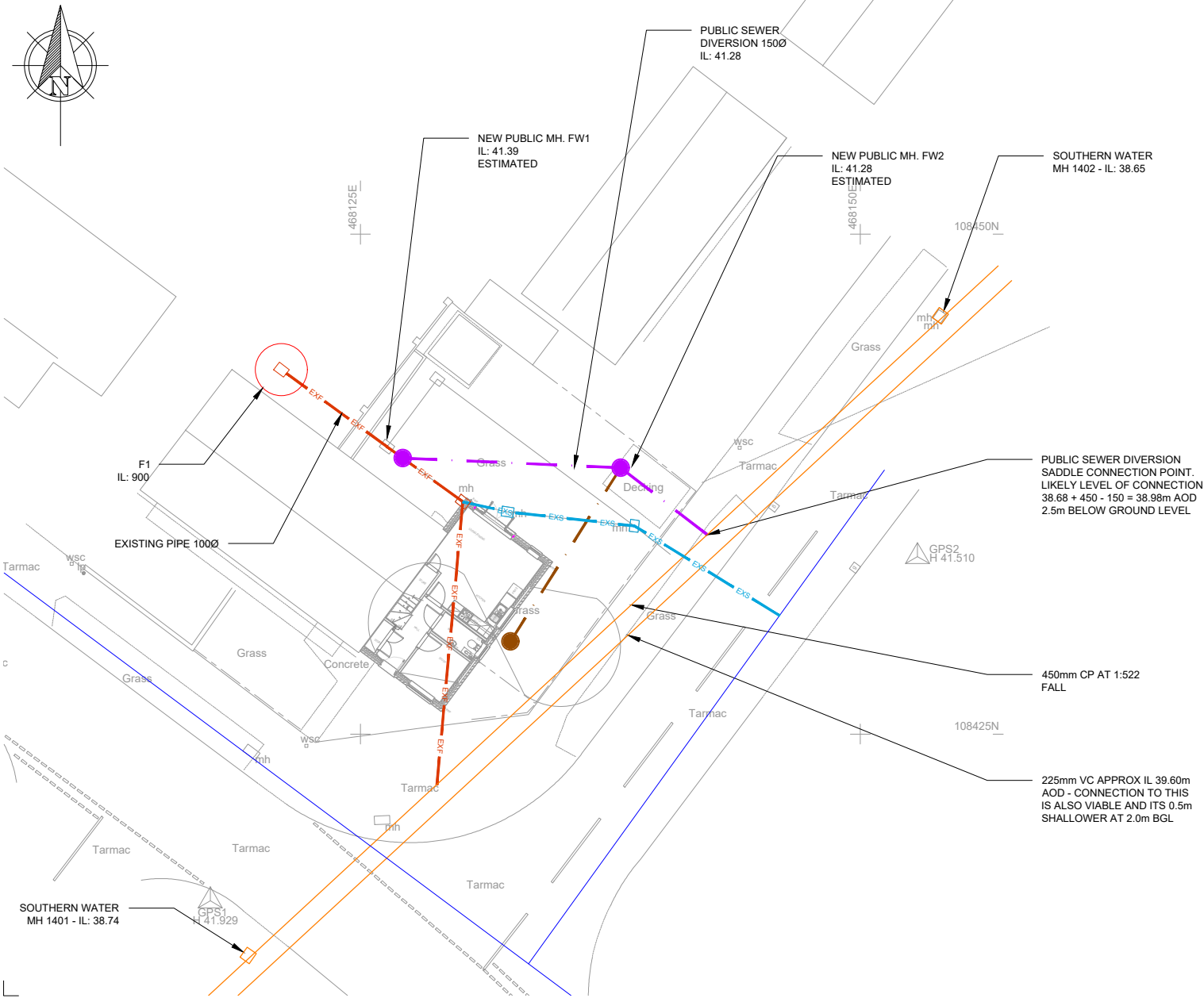




EXISTING MH F1		NEW PUBLIC MH FW1		NEW PUBLIC MH FW2		PUBLIC SEWER	
42.50 AOD							
42.00 AOD							
41.50 AOD							
41.00 AOD							
40.50 AOD							
40.00 AOD							
39.50 AOD							
39.00 AOD							
38.50 AOD							
CHAINAGE linear m2							
GROUND LEVEL mAOD							
EXISTING SEWER INVERT mAOD							
PROPOSED SEWER INVERT mAOD							
PROPOSED PIPE SIZE MATERIAL AND STRENGTH							
BEDDING CLASS							

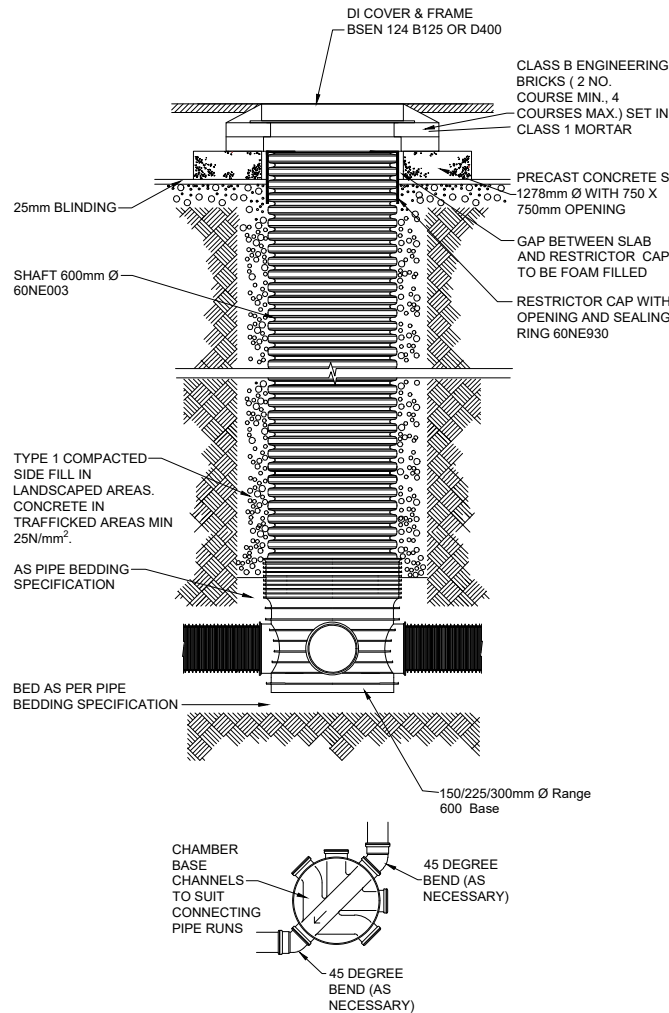
- NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEER'S AND ARCHITECT'S DRAWINGS, DETAILS & SPECIFICATIONS.
 - THE EXTERNAL WORKS DESIGN IS BASED UPON XXX ARCHITECTS PLAN 1389-80-05 REV X DATED XXX
 - TOPOGRAPHICAL SURVEY DRAWING XXX DATED XXX BY XXX HAS ALSO BEEN USED IN THE DESIGN.
 - REFER TO THE ARCHITECT FOR SETTING OUT OF ALL BUILDINGS & INTERNAL DOWN PIPES & RWP'S
 - REFER TO SERVICE ENGINEERS DRAWINGS FOR FINAL SETTING OUT OF RWP AND SVP'S (BASED ON GUTTER SYSTEM).
 - REFER TO SERVICE ENGINEERS DRAWINGS FOR ABOVE GROUND PLUMBING ROUTES FROM APPLIANCES TO STUB STACKS ETC.
 - ALL EXISTING DRAINAGE THAT IS TO BE ABANDONED TO BE 'PLUGGED' IN WITH MASS CONCRETE (150mm MIN) OR REMOVED ENTIRELY.
 - ANY EXISTING SERVICES TO BE LOCATED AND CLEARLY MARKED PRIOR TO EXCAVATIONS BY CONTRACTOR.
 - ALL LEVELS ARE TO BE CONFIRMED BY THE CONTRACTOR ON SITE PRIOR TO CONSTRUCTION.
 - IT IS ASSUMED THAT ALL SINK AND TOILET DRAINAGE POINTS WILL HAVE RODDING ACCESS AT THE APPLIANCE BASE.
 - CONTRACTOR TO AVOID UNDERMINING ANY EXISTING FOOTPATHS/ BUILDINGS DURING WORKS BY ALLOWING ADEQUATE PROTECTION ADJACENT TO THESE AREAS.
 - ALL RAINWATER DOWN PIPES TO HAVE RODDABLE ACCESS AT THE BASE OF THE VERTICAL SECTION.
 - ALL BELOW GROUND DRAINAGE PIPES WITH LESS THAN 900mm COVER TO SOFFIT LEVEL IN TRAFFICKED AREAS I.E. CAR PARK AND SERVICE YARD AREA TO HAVE CLASS Z BEDDING SURROUND. REFER TO THE MANHOLE SCHEDULE AND DETAIL SHEETS FOR FURTHER DETAILS.
 - ALL BELOW GROUND DRAINAGE WITHIN THE SITE BOUNDARY HAS BEEN DESIGNED TO BSEN 752:2008 AND BUILDING REGULATIONS - PART H:2015. THE OFF SITE DRAINAGE TO THE PUBLIC SEWER ARE DESIGNED TO SEWERS FOR ADOPTION XXX EDITION.

PRELIMINARY DRAWING

THIS DRAWING IS FOR PRELIMINARY INFORMATION PURPOSES ONLY AND MUST NOT BE READ AS A CONSTRUCTION ISSUE. IT INDICATES DESIGN INTENT ONLY AND IS SUBJECT TO AMENDMENT DURING FINAL DESIGN DEVELOPMENT

SCALE 1:150m

0m 2m 4m 6m 8m 10m 12m 14m

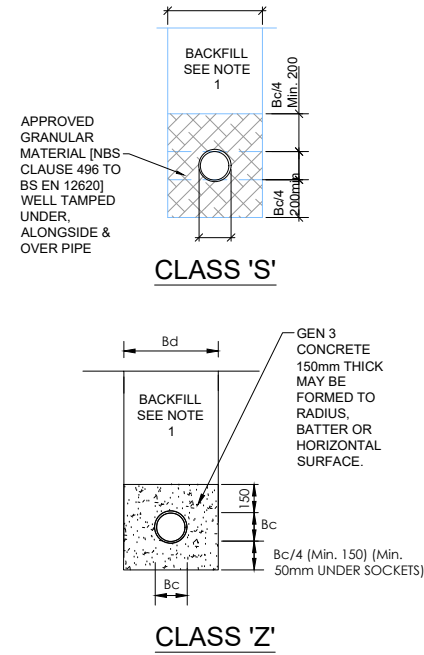


Dia (mm)	Bd (m)	GRANULAR MATERIAL TO NOMINAL SINGLE SIZED AS FOLLOWS.	
100	0.5	100 DIA.	10mm
150	0.6	150 DIA.	10mm/ 14mm.
225	0.7	200 DIA.	10mm/ 14mm/ 20mm.
300	0.85	& ABOVE	10mm/ 14mm/ 20mm.
375	1.05		
450	1.15		
525	1.20		
600	1.35		
1050	1.80		

NOTE 1
Bd. = TRENCH WIDTH AT CROWN OF PIPE - (NARROW TRENCH WIDTH CONDITIONS)
Bc = OUTSIDE DIAMETER OF PIPE

CLASS 'Z' & CLASS 'B' FOR PIPE DIAMETERS 100 TO 525. GENERAL CASE CLASS 'B'.
CLASS 'Z' FOR USE WHERE CROWN OF PIPE IS WITHIN 0.9m OF U/S OF PAVING IN TRAFFICKED AREAS AND 0.6m IN NON TRAFFICKED AREAS.

- BACK FILL TO TRENCHES TO BE SELECTED GRANULAR MATERIAL. MAX. PARTICLE SIZE NOT EXCEEDING 75mm. AND NOT MORE THAN 10% PASSING 75mm SIEVE. MATERIAL SHALL NOT CONTAIN ANY CLAY LUMPS OR ANY OTHER FOREIGN MATTER.
- PIPES TO BE VITRIFIED CLAY TO BSEN 295 OR PVC-U TO BSEN 1404-1:1998 TO CONTRACTOR CHOICE



LEGEND:

DFW (Diverted Foul Water) - Purple line with circle

EXF (Existing Foul Water) - Orange line with square

SW (New Surface Water) - Blue line with circle

EXS (Existing Surface Water) - Cyan line with square

DIVERTED FOUL WATER PIPE 1500 UNO

EXISTING FOUL WATER PIPE 1500 UNO

NEW SURFACE WATER PIPE 1500 UNO

EXISTING SURFACE WATER PIPE 1500 UNO

Rev	Date	Description	By	Check	App.
P1	14.07.20	PRELIMINARY ISSUE	CN	GS	GS

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Client	
Project	VIAN ROAD, WATERLOOVILLE
Office	NORWICH 01603 305190
Discipline	CIVIL ENGINEERING
Title	DRAINAGE DIVERSION GENERAL ARRANGEMENT
Scale @ A1	1:150
Status	PRELIMINARY

Originator	Job Number	Discipline	Building/Zone
CCL	8/2314	C	VR
Type	Level	Drawing No.	Revision
GA	DRN	4400	P1