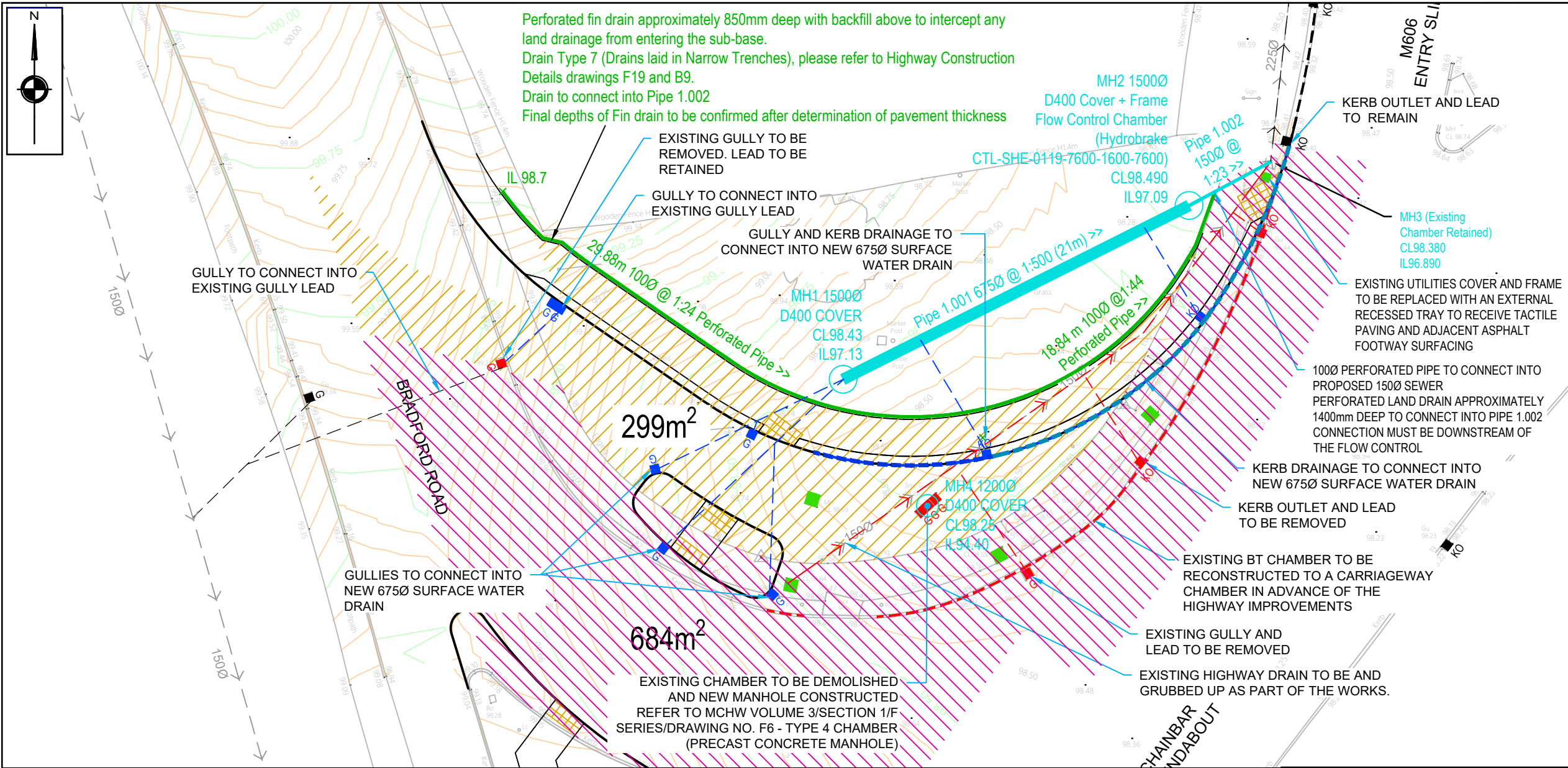




NOTES

- 1) ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
- 2) ALL WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS AND LOCAL AUTHORITY GUIDANCE
- 3) UNDERGROUND SERVICES ARE PRESENT IN THE AREA. CONTRACTOR IS TO CONFIRM THE PRECISE LINE AND DEPTH OF ANY SERVICES PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION WORKS
- 4) DRAINAGE CONSTRUCTION DETAILS REFER TO DRAWING NUMBER 20804/D/009

Drainage Proposals

The existing catchment area which drains into the existing highway drainage has a total area of 684m². This area equated to 7.6L/s for the 1 in 1 year storm.

The proposal is to restrict the proposed flow rate to 7.6L/s for the 1in100 Year + 30% climate change.

The proposed new hardstanding area draining into the highway drainage is 952m²

The storage will be provided in the 2 x 1500mm manholes and a 675Ø concrete pipe. The flows will be restricted by a Hydrobrake. Model Number:- CTL-SHE-0119-7600-1600-7600

REVISIONS			
REV	DESCRIPTION	DATE	BY
-	FIRST ISSUE	16/09/20	TS
A	UPDATED FOLLOWING RECEIPT OF ATKINS AS BUILT INFORMATION	05/11/20	TS
B	UPDATED FOLLOWING RSA COMMENTS	23/02/21	TS
C	UPDATED FOLLOWING SURVEY INFO	03/11/21	TS
D	PIPE GRADIENT AND INVERT ADDED	09/11/21	TS
E	FLOW CONTROL ADDED	18/11/21	TS
F	UPDATED FOLLOWING ADDITIONAL COMMENTS	14/01/22	TS
G	UPDATED FOLLOWING HIGHWAYS ENGLAND COMMENTS	24/01/22	TM
H	MA 3 NOTES AND UTILITY COVER NOTES	24/01/22	GS
I	UPDATED FOLLOWING ADDITIONAL COMMENTS	16/05/22	AJA
J	FOOTPATH SEGREGATION ADDED	26/05/22	TS
K	GULLY ADDED AND NOTES/KEY UPDATED	30/06/22	AJA
L	M606 SLIP ROAD RUNOFF INCLUDED	07/07/22	AJA
M	FIN DRAIN NOTES UPDATED	29/07/22	AJA

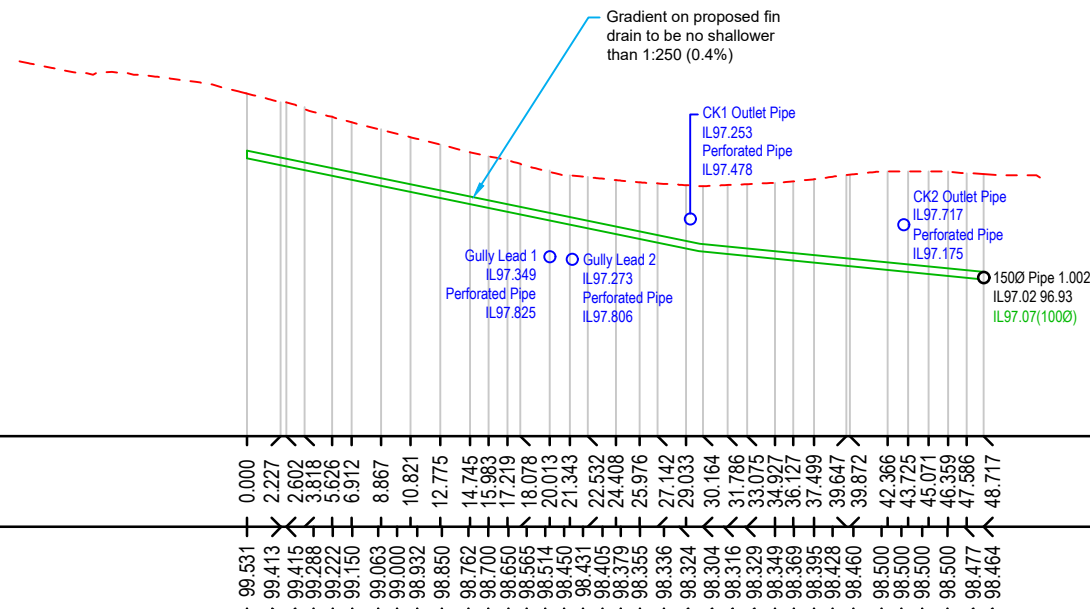
Perforated pipe Long section

Scale 1:100(H) 1:500(V)

Datum: 95.000M AOD

CHAINAGE (m)

PROPOSED LEVELS (m)



KEY

- G - EXISTING GULLY AND LEAD TO BE RETAINED
- - - EXISTING KERB DRAINAGE TO BE RETAINED
- KO - EXISTING KERB DRAINAGE OUTLET AND LEAD TO BE RETAINED
- G - EXISTING GULLY AND LEAD TO BE REMOVED
- - - EXISTING KERB DRAINAGE TO BE REMOVED
- KO - EXISTING KERB DRAINAGE OUTLET TO BE REMOVED
- - - PROPOSED SURFACE WATER DRAIN
- - PROPOSED SURFACE WATER MANHOLE
- G - PROPOSED GULLY WITH 150Ø LEAD
- - - CHANNEL DRAIN TYPE KD HB405
- - - CHANNEL DRAIN TYPE KD HB480
- KO - PROPOSED KERB DRAINAGE OUTLET WITH 150Ø LEAD
- - EXISTING TRAFFIC SIGNAL CHAMBER TO BE BROKEN OUT AND BACKFILLED UP TO UNDERSIDE OF SUB-BASE LEVEL
- - - EXISTING SURFACE WATER SEWER TAKEN FROM ATKINS AS BUILT DRAWING



Project:		BRADFORD ROAD CHAINBAR ROUNDABOUT	
Client:		OPUS LANE (NORTH) LTD	
Drawing:		SECTION 278 WORKS DRAINAGE AND IRON WORK AMENDMENTS	
Drawn By:		TS	Date: 14/09/2020
Checked:		RC	Scale: 1:250 @ A3
Drawing No.		AMA/20804/D/008	
		M	