



IN EXTREME STORM EVENT (100YR+ 30% CLIMATE CHANGE) 2.6CU.M OF WATER WILL FLOW OUT OF S22 & GULLIES AND WILL FLOW TOWARDS THE LOW POINT, WHERE IT WILL SIT UNTIL STORM SUBSIDES WHEREUPON IT WILL FLOW BACK INTO THE PIPE NETWORK

IN EXTREME STORM EVENT (100YR+ 30% CLIMATE CHANGE) 0.90CU.M OF WATER WILL FLOW OUT OF S44 & GULLIES AND WILL FLOW DOWN THE SLOPE TOWARDS S21 AND WILL RE-ENTER THE SYSTEM VIA THE GULLIES THAT HAVE CAPACITY

RISK ASSESSMENT SIGNIFICANT RISKS THAT CANNOT BE DESIGNED OUT	LEVEL OF RISK (1-4)	SUGGESTED ACTION
DEEP EXCAVATIONS ASSOCIATED WITH NEW DRAINAGE WORKS	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS.
HANDLING LARGE DIAMETER MANHOLE PIPES	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR APPROPRIATE PROTECTIVE CLOTHING/HAZARD SUITS.
CONTACT WITH SERVICES	MED	OPERATIVES TO USE CORRECT BREAKING EQUIPMENT.
NOISE	MED	OPERATIVES TO USE CORRECT EAR PROTECTION.
TRIPPING EQUIPMENT/QUICKEN EXISTING BOUNDARY STRUCTURES AND WORKING IN STEEPLY SLOPING GROUND.	HIGH	ENSURE CORRECT SUPPORTS ARE PROVIDED TO TRENCHES AND SLOTTED BARRIERS TO PROTECT MEMBERS OF THE PUBLIC.
EXCAVATION IN PUBLIC HIGHWAY	HIGH	ENSURE CORRECT USE OF TRENCH SUPPORTS IN EXCAVATION AND SLOTTED BARRIERS TO PROTECT MEMBERS OF THE PUBLIC.
MAINTAIN ACCESS TO ADJACENT PROPERTIES AND OCCUPERS	HIGH	ENSURE WORKS ARE PROTECTED WITH BARRIERS AND SIGNS TO GUARD THE PUBLIC AWAY FROM THE WORKS.
EXCAVATIONS ASSOCIATED WITH PROPOSED WIDER FOOTINGS	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS.

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A1

Client:
Harron Homes

Site:
Retford
 Phase 3

Title:
Impermeable Area Plan

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