

FOUL SEWER CONNECTION

- A GROUND PENETRATING RADAR SURVEY HAS BEEN UNDERTAKEN TO DETERMINE THE LOCATION AND LEVELS OF THE EXISTING GAS TRANSMISSION MAIN AND FOUL SEWER ON THE OLD NAAS ROAD.
- BASED ON THIS, 3 POSSIBLE FOUL SEWER CONNECTION LOCATIONS WERE CONSIDERED. SEE SECTIONS BELOW.



1 FOUL SEWER CONNECTION POINTS CONSIDERED
SCALE: 1:750

PROPOSED FOUL SEWER LAYOUT

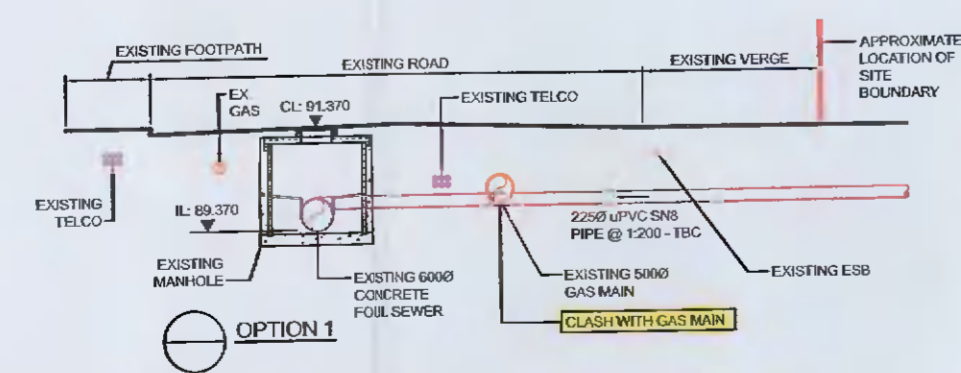
- BASED ON THE ONLY POSSIBLE CONNECTION POINT FOR THE FOUL SEWER AT THE SOUTH WEST CORNER OF THE SITE, THE GROUND LEVELS AT THE NORTH AND WEST SIDES OF THE SITE NEED TO BE RAISED ABOVE EXISTING GROUND LEVELS TO ACHIEVE FOUL DISCHARGE FROM THE SITE FOR THE PROPOSED UNITS.
- THE EXISTING GROUND LEVELS AT THE NORTH AND WEST SIDES OF THE SITE NEED TO BE RAISED BY CIRCA 0.75m TO 1.5m TO ACHIEVE FOUL DISCHARGE FROM THE SITE. THE HOUSE UNITS SHADED IN BROWN WILL NEED TO BE RAISED ABOVE EXISTING GROUND LEVELS.
- BASED ON THE ABOVE, IT IS NOT POSSIBLE TO LOCATE A VEHICULAR ACCESS AT THE NORTH END OF THE SITE (POINT A) OR AT MIDWAY ALONG THE BOUNDARY OF THE SITE (POINT B). A PEDESTRIAN ACCESS POINT WILL BE PROVIDED AT POINT A.



HOUSE AND GROUND LEVELS TO BE RAISED BY CIRCA 1 TO 1.5m ABOVE EXISTING GROUND LEVEL TO ACHIEVE CONNECTION TO FOUL SEWER.

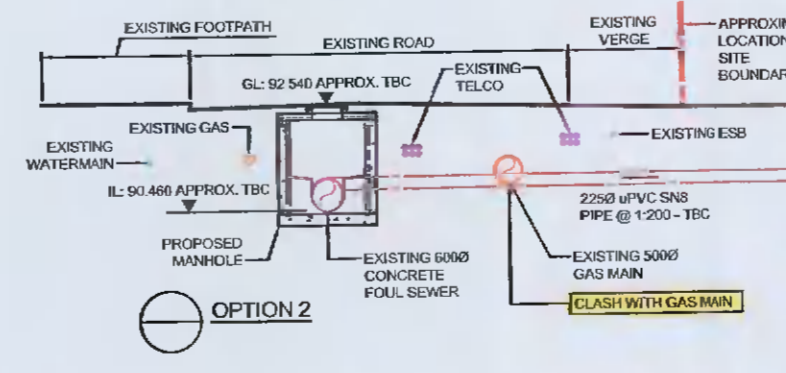
IT IS NOT POSSIBLE TO ACHIEVE A VEHICULAR ENTRANCE AT THESE POINTS DUE TO THE REQUIREMENT TO RAISE THE GROUND LEVELS TO ACHIEVE A FOUL SEWER CONNECTION. IT IS PROPOSED TO INSTALL A PEDESTRIAN ACCESS AT POINT A.

2 GROUND LEVELS TO BE RAISED TO ACHIEVE FOUL DISCHARGE BY GRAVITY
SCALE: 1:750



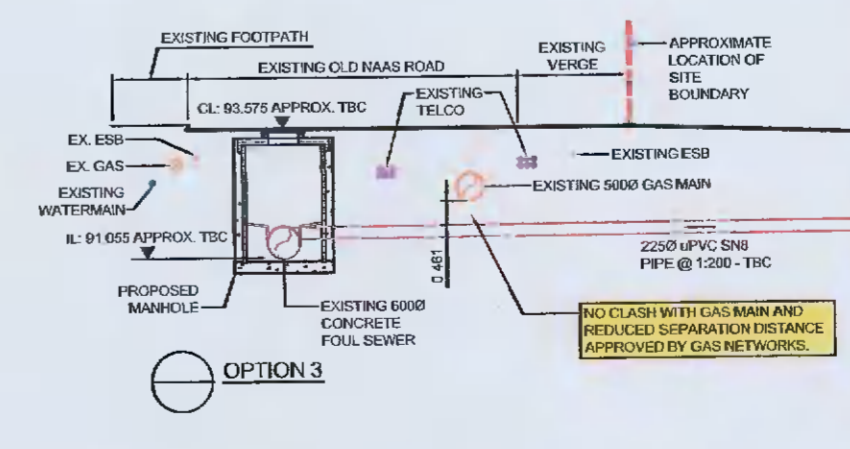
OPTION 1

- CONNECTION AT THE NORTH WEST CORNER OF THE SITE.
- THE PROPOSED CONNECTION CLASHES WITH THE GAS TRANSMISSION LINE.



OPTION 2

- CONNECTION AT MID-WAY ALONG THE WEST BOUNDARY OF THE SITE.
- THE PROPOSED CONNECTION CLASHES WITH THE GAS TRANSMISSION LINE.



OPTION 3

- CONNECTION AT SOUTH WEST CORNER OF THE SITE.
- THE PROPOSED CONNECTION COMPLIES WITH IRISH WATER CONNECTION REQUIREMENTS AND PASSES UNDER THE GAS TRANSMISSION LINE.
- GAS NETWORKS IRELAND HAVE BEEN CONSULTED ABOUT THIS POSSIBLE CONNECTION POINT AND THEY HAVE ACCEPTED THE SEPARATION DISTANCE BETWEEN THE NEW FOUL CONNECTION AND THE UNDERSIDE OF THE EXISTING GAS TRANSMISSION MAIN.

3 SECTIONS
SCALE: 1:150

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ISSUED FOR PLANNING			
CHECKED BY:	REVIEWED BY:	APPROVED BY:	
RON	JM	JM	
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PROJECT:	PROPOSED RESIDENTIAL DEVELOPMENT AT GORDON PARK		
CLIENT:	GREENWALK DEVELOPMENT LTD.		
DRAWING TITLE:	SITE CONSTRAINTS - FOUL DRAINAGE		
SCALE:	1:750		(A1)
PROJECT - ORIGINATOR - VOLUME - LOCATION - TYPE - ROLE - NUMBER	REV:		
21003-TJOC-ZZ-ZZ-DR-C-0053	C01		