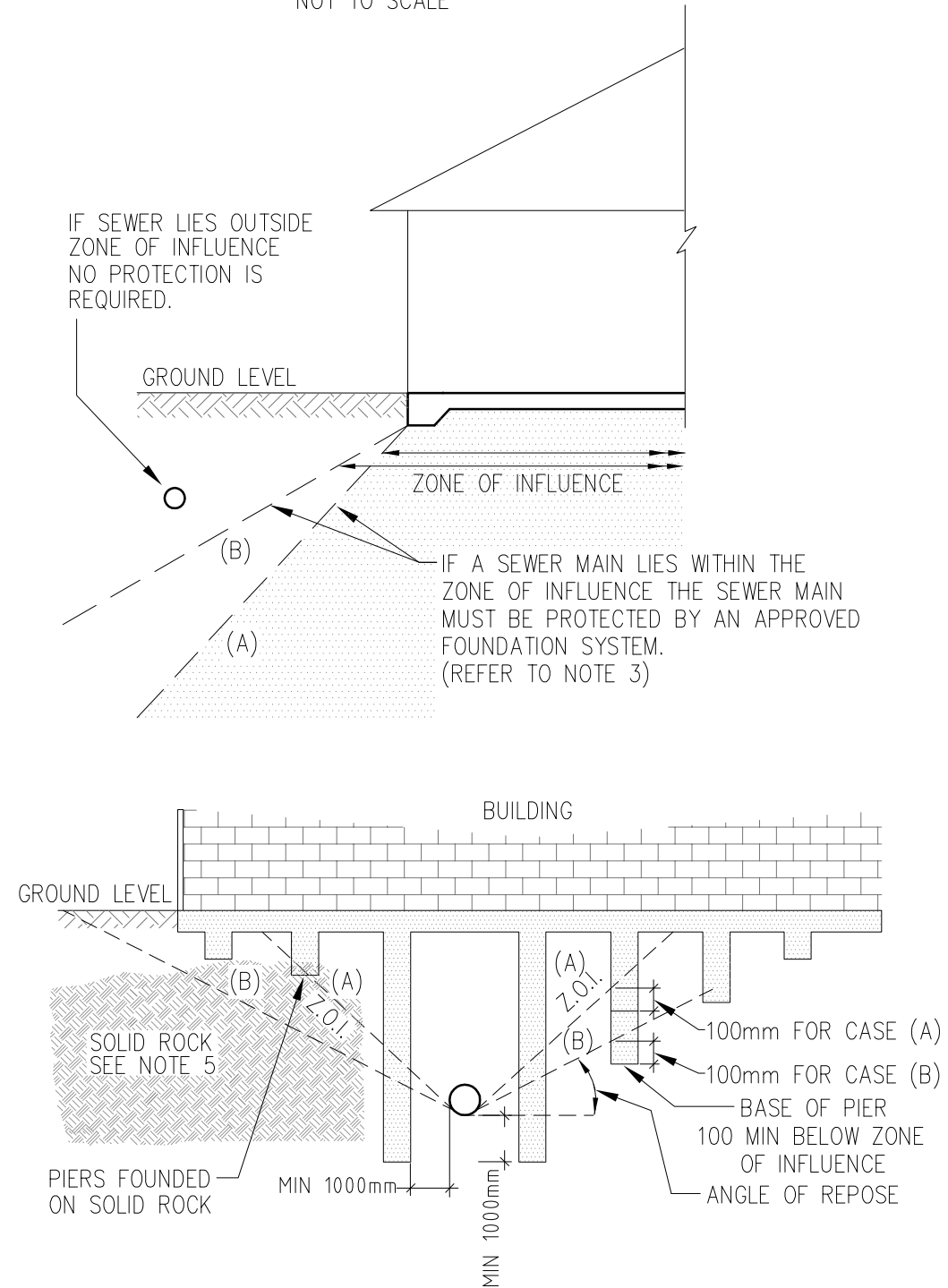


CATEGORY 1. HEAVYWEIGHT STRUCTURES

NOT TO SCALE

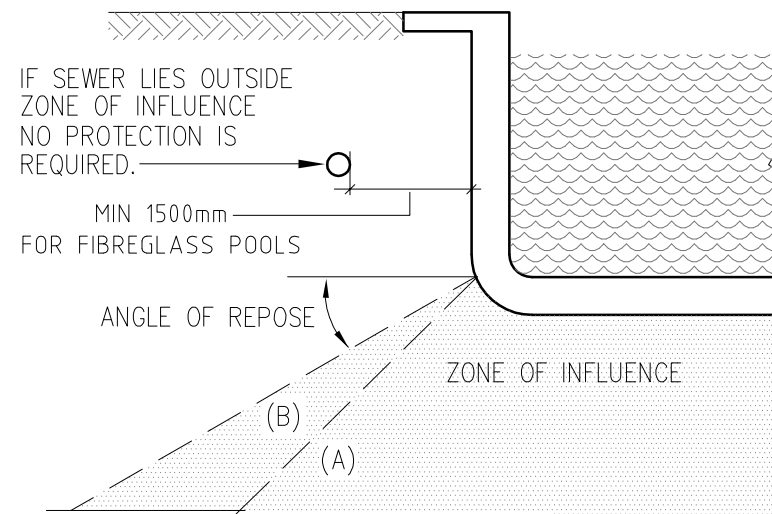


- NOTES:
- (A). FOR SOIL, CLAY ETC., ZONE OF INFLUENCE 1:1 (45°)
 - (B). FOR SAND, LOAM OR FILLED GROUND, ZONE OF INFLUENCE 2:1 (30°)

EXAMPLE ONLY

CATEGORY 3. INGROUND SWIMMING POOL

(REINFORCED CONCRETE OR FIBRE GLASS)
NOT TO SCALE



IF A SEWER MAIN LIES WITHIN THE ZONE OF INFLUENCE, SUPPORT OF THE POOL TO BE DESIGNED BY A QUALIFIED STRUCTURAL ENGINEER

NOTES:

1. IT WILL BE THE RESPONSIBILITY OF THE APPLICANT TO DETERMINE THE EXACT LOCATION OF THE SEWER MAIN, WHICH MAY AFFECT OR BE AFFECTED BY THE PROPOSED STRUCTURE. COUNCIL'S PLANS ARE ONLY TO BE USED TO DETERMINE GENERAL LOCALITY OF SEWER MAINS. (REFER TO NOTE 7)
2. COUNCIL WILL NOT ALLOW STRUCTURES BE LOCATED OVER SEWER MANHOLES OR LAMPHOLES. A MINIMUM OF 1.5 METRES CLEARANCE IS TO BE MAINTAINED FROM THE EDGE OF MANHOLES AND LAMPHOLES.
3. PROPOSALS FOR PROTECTION OF SEWER MAINS (FOR CATEGORY 1 AND 3) USING PIERS, PILES OR OTHER FOUNDATION SYSTEMS MUST BE DESIGNED BY A QUALIFIED STRUCTURAL ENGINEER. PROPOSALS MUST BE APPROVED BY COUNCIL.
4. FOR STRUCTURES COMPLYING WITH CATEGORY 2 AND LOCATED WITHIN ZONE OF INFLUENCE OF THE SEWER MAINS THE SLAB/FOOTING OF SUCH STRUCTURES MUST BE SELF SUPPORTING WITHIN THE ZONE OF INFLUENCE OF THE SEWER MAIN. A QUALIFIED STRUCTURAL ENGINEER MUST DESIGN THE SLAB/FOOTING OF SUCH STRUCTURES. THIS DRAWING SPECIFIES MINIMUM REQUIREMENTS.
5. PIERS OR PILES FOR THE FOUNDATION OF CATEGORY 1 AND 3 STRUCTURES AND LOCATED ADJACENT TO THE SEWER MAIN AND WITHIN THE ZONE OF INFLUENCE OF THE MAIN, MUST BE CONSTRUCTED TO AT LEAST 1000mm BELOW THE INVERT OF THE SEWER MAIN OR TO A SOLID ROCK STRATA (SAFE BEARING CAPACITY OF 240KPa OR HIGHER). OTHER PIERS MUST EXTEND AT LEAST 100mm BELOW THE ZONE OF INFLUENCE.
6. THE MINIMUM DISTANCE BETWEEN PIERS OR PILES AND THE SIDE OF THE SEWER MAIN IS TO BE 1000mm.
7. THIS PLAN IS TO BE USED IN CONJUNCTION WITH COUNCIL'S REQUIREMENTS "BUILDING OVER AND ADJACENT TO SEWER MAINS"

MICROFILM		Surveyed By	Scale		BUILDING OVER AND ADJACENT TO COUNCIL'S SEWER MAINS						
YES:	NO: <input checked="" type="checkbox"/>	Job No	NOT TO SCALE		ENGINEERING REQUIREMENTS						
APPROVED:		Disk No 1265			APPROVED BY		Date	Datum	Sheet No	No of Sheets	Plan No
DATE: 5-10-2007		Drawn By M. HODGE			DIRECTOR OF ENGINEERING SERVICES				1	1	10168B
		Checked By	WYONG SHIRE COUNCIL								
		Passed By									