

Concrete slab around a manhole

Recommendations:

Moment capacity:  
 120,000 lbf-in (13,558 N-m)  
 Vertical load: 5,000 lbf (22,241 N).  
 N.B. It is the responsibility of the field  
 Engineer to assure installation  
 compliance.

304,8  
[12.0]

177,8  
[7.0]

DETAIL A  
SCALE 0.100

SEE DETAIL A

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WEIGHT:	TITLE:		
Lbs	Floor Adapter Installation		
Kg	IN-2005 Customized concrete Slab		
COLOR:	MATERIAL:	SHEET(S):	PROJECT:
	Stainless Steel	1 / 3	IN-2005

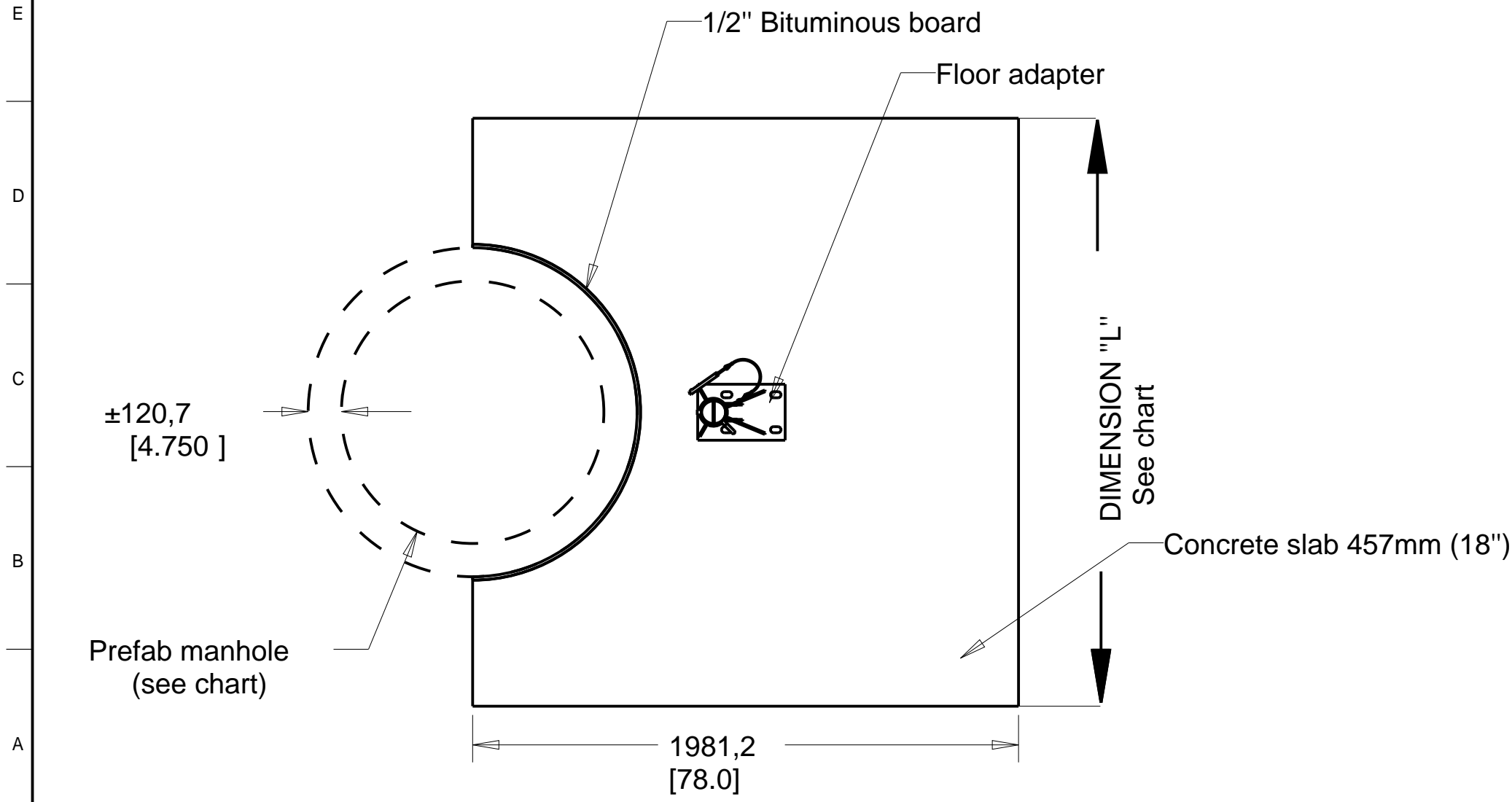
**Important Notes:**

1. Minimum compression capacity of concrete (f'c) = 25MPa (3,600 psi)
2. Yield Strength of rebar (Fy) = 400MPa.
3. Minimum allowable bearing capacity of soil = 35 KPa (750 lbf/ft<sup>2</sup>)
4. Concrete footing preparation:

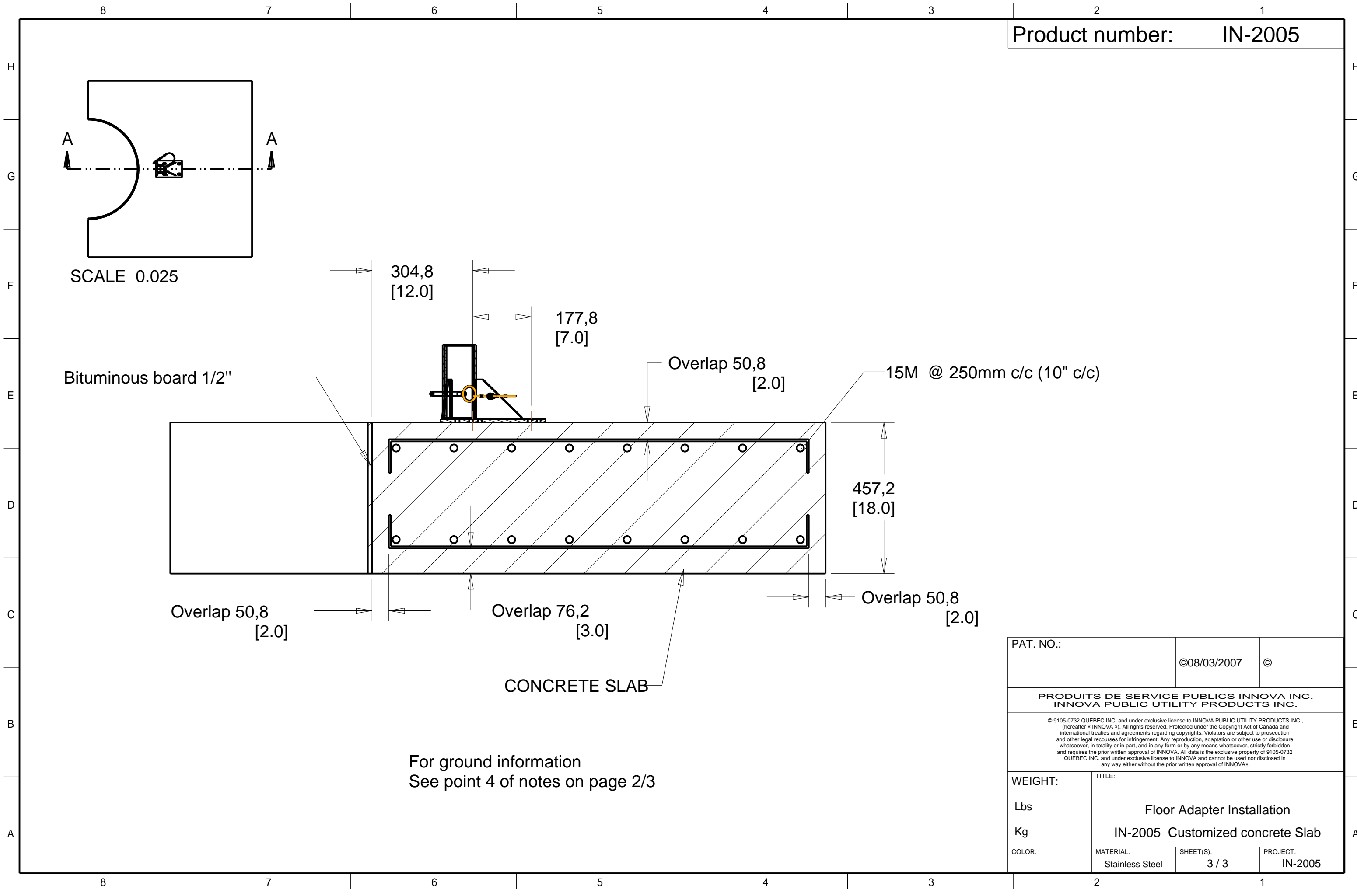
Remove soil down to level required. All contaminated and/or backfill must be removed until natural soil is reached. All removed soil that needs to be replaced and must be done with controlled backfill sand of class "A" or MG-112. This backfill must be controlled, levelled, placed in thicknesses no greater than 300 mm ( 1'-0" ) and densified to proctor 95% .

Product number: **IN-2005**

SLAB DIMENSION			
Prefab Manhole Diameter		DIMENSION "L"	
915mm	3'-0"	1981mm	6'-6"
1220mm	4'-0"	2286mm	7'-6"
1525mm	5'-0"	2590mm	8'-6"
1830mm	6'-0"	2896mm	9'-6"



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WEIGHT:	TITLE:		
Lbs	Floor Adapter Installation		
Kg	IN-2005 Customized concrete Slab		
COLOR:	MATERIAL:	SHEET(S):	PROJECT:
	Stainless Steel	2 / 3	IN-2005



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WEIGHT:	TITLE:		
Lbs	Floor Adapter Installation		
Kg	IN-2005 Customized concrete Slab		
COLOR:	MATERIAL:	SHEET(S):	PROJECT:
	Stainless Steel	3 / 3	IN-2005