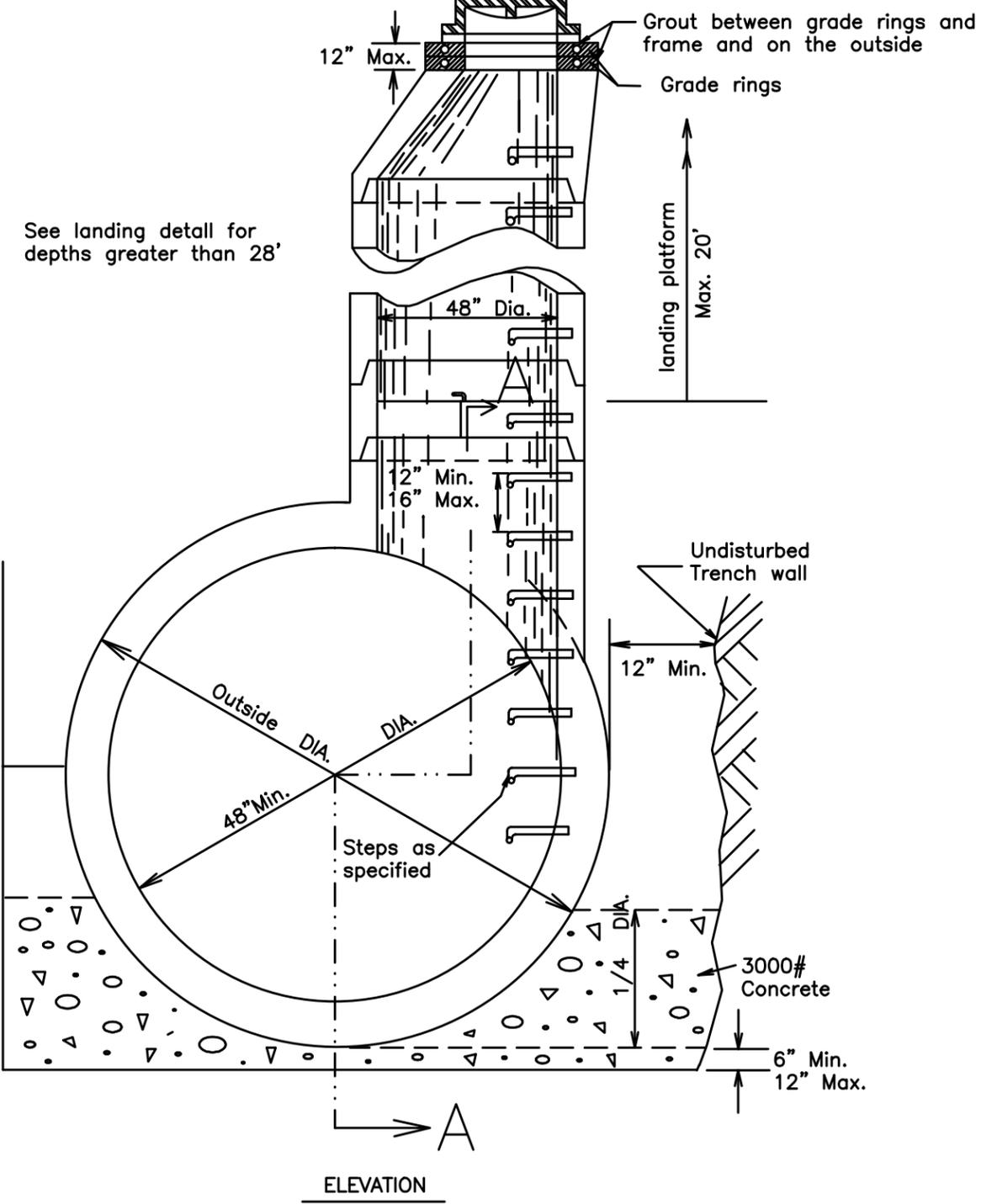


Frame & Cover as specified



**NOTES**

MANHOLE shall consist of the design shown hereon with precast base materials. Other manhole components above the base shall be as detailed or specified.

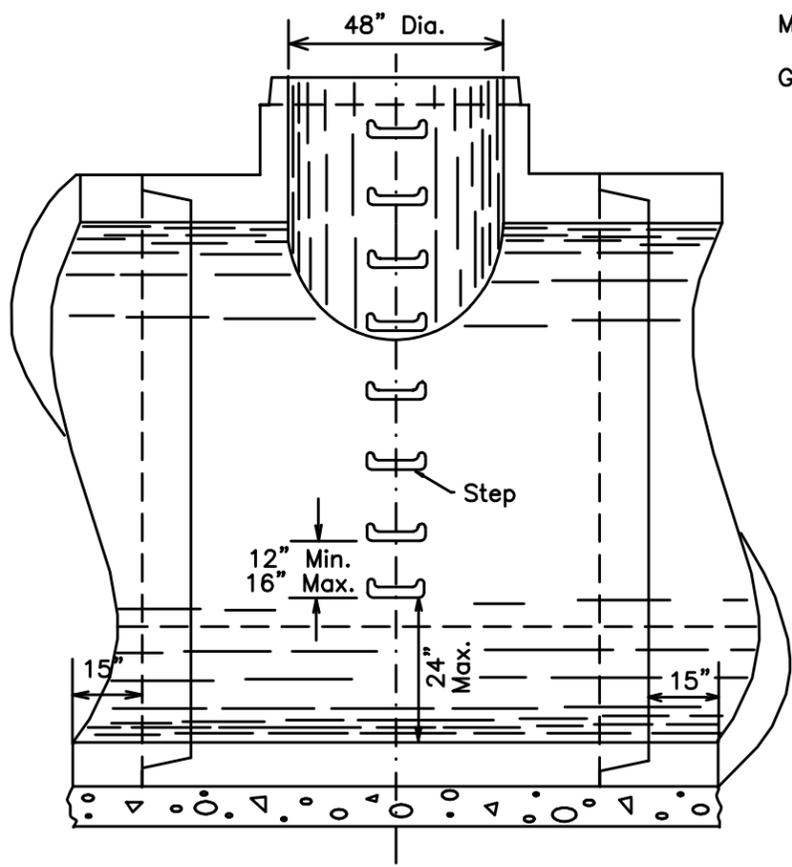
THIS MANHOLE is not designed for static or dynamic highway loads. In case of highway loads, a special detail will be required.

BEDDING shall be the same as is used under the adjoining conduits.

MORTAR to be PORTLAND CEMENT as specified.

MANHOLE STEPS conform to O.S.H.A. standards.

GENERAL MANHOLE DETAILS refer to sheet 4-27.



SECTION A - A

**PRECAST CONCRETE  
MANHOLE  
48" PIPE OR LARGER**

REVISIONS:

SCALE  
NO SCALE

DATE : DEC. 1998

UNIFORM STANDARDS:

CLEVELAND --- CUYAHOGA COUNTY --- NORTHEAST OHIO REGIONAL SEWER DISTRICT