STORMWATER MANAGEMENT - STANDARD STRUCTURE

SECTION

1. In areas of near-surface groundwater levels, manholes shall include a perforated storm pipe.
2. Outlets of the opening and stops of the frame shall be covered by a grate.
3. Standard pressure manhole components shall be used unless expressed otherwise.
4. Threading of Inlet/Outlet pipes to provide curved channels to prevent stream flow.

NOTES
3. Maximum pipe size connected: 225mm.

2. Not to be used in mud.

1. Depth not to exceed 700mm.

NOTES:
NOTES:

1. Standard heavy duty lid 150mm thick except in some highways.
2. Extra heavy duty for some highways HNH4/72
3. Designed for 5-ton wheel load.

PLAN

SECTION THROUGH LID

NOTES:

1. Standard heavy duty lid 150mm thick except in some highways.
2. Extra heavy duty for some highways HNH4/72
3. Designed for 5-ton wheel load.
NOTES:

1. Stormwater covers to be used in all road compartments.
2. Heavy-duty covers to be used in all road and recreational areas, commercial and industrial zones, and rights-of-way.
3. Standard duty covers may only be used on residential properties.
Inclined Access

Example Photo
STORMWATER
**NOTES:**

1. Rodding eye to be same diameter as original pipe size.
SKEWED STRUCTURE

NORMAL STRUCTURE

Table: Principal Dimensions

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<th>Dimension (mm)</th>
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NOTES:
1. Dimensions shown are nominal.
2. All materials except steel shall be Grade B 98.
3. Lapse in structural grade class 900 mill.
4. Reinforcement shall be placed equidistant from wall and floor.
5. Concrete to be ordinary grade at 90 days.
6. Structures shall be constructed as shown with outer rectangles and details.
7. Goods, etc. shown or indicated unincluded where no reference.
8. Locations, etc. shown or indicated not included where no reference.
9. Steel sections shall be welded to structural sections.