

PRO-CAST

Solid Foundations,
Strong Futures.

PRECAST CONCRETE SOLUTIONS

MEGATRAP OSD MODULAR SYSTEM

MS
SIRIM



INTRODUCTION

Pro-Cast's (OSD) MODULAR SYSTEM is a tailored underground stormwater storage solution constructed from high-strength precast concrete units. The (OSD) Modular System is made up of several individual precast modules, which are installed next to each other to create a larger storage tank. Customised designs can be provided to meet specific project needs.

APPLICATIONS

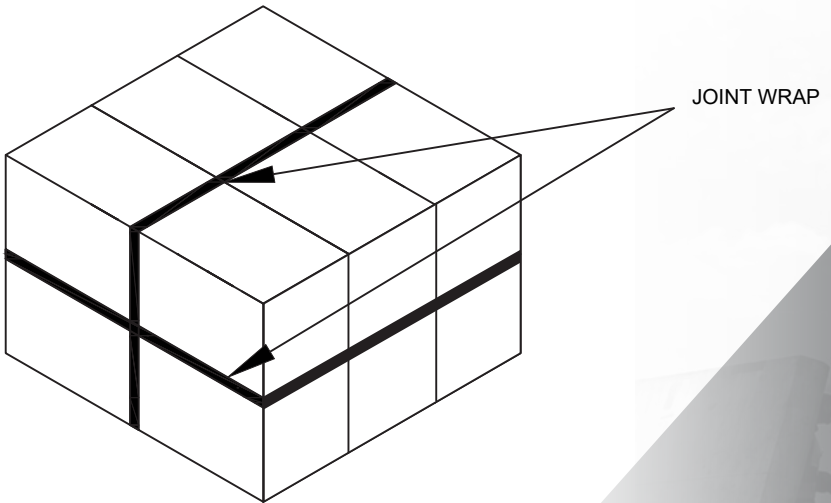
- Water Detention Tank
- Water Retention Tank
- Combined Water Detention and Retention Tank

ADVANTAGES

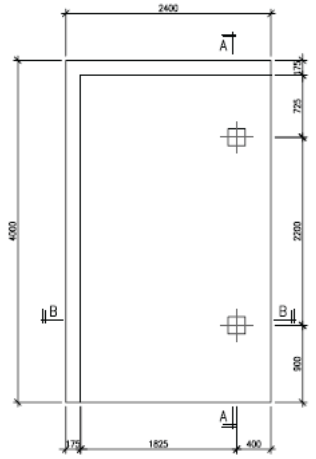
- Significant land cost savings as the system is built underground, beneath parking areas, access roads, or landscaped spaces.
- Ideal solution for projects with limited available space.
- Modular design offers flexible layout options to fit within the space available (like lego).
- Designed for easy access to facilitate long-term maintenance.
- Can support vehicle traffic loading.
- Quick and simple installation process.
- Available in various height and can be single OSD module or double OSD module to accommodate different site areas and depths.

Type and Sizes:

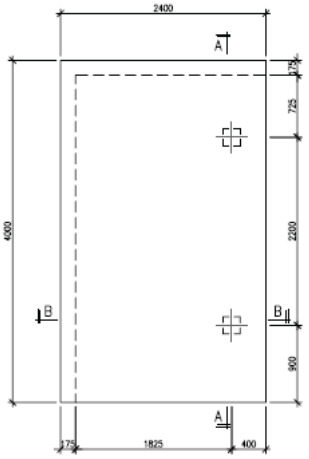
W (mm)	Length (mm)	t1 (mm)	Height (m)
2400	4000	200	1.5m, 2m, 2.5m, 3m, 3.5m, 4m



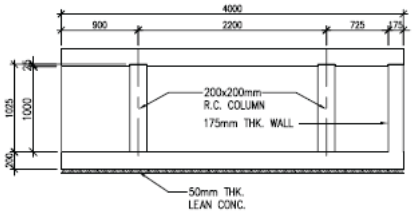
PRECAST (OSD) MODULAR SYSTEM TYPES & SETUP



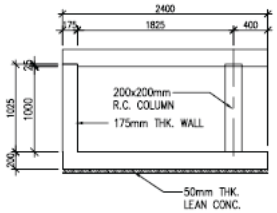
PLAN – BASE SLAB (TYPE A)
SCALE = 1:25



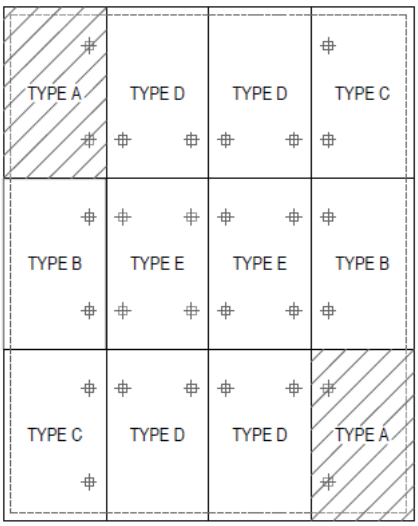
PLAN – TOP SLAB (TYPE A)
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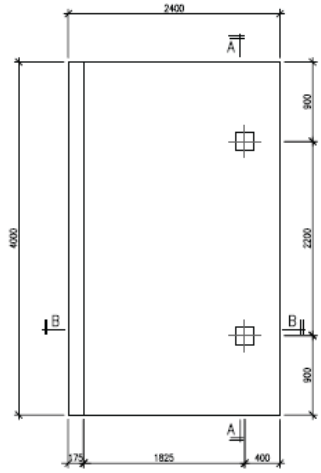
SECTION A–A (TYPE A)
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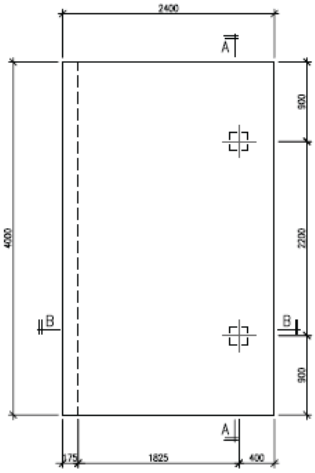
SECTION B–B (TYPE A)
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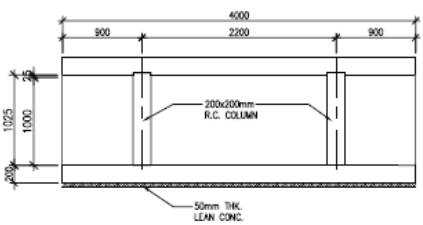
TYPICAL MODULE TYPES OF R.C. SLAB COVER



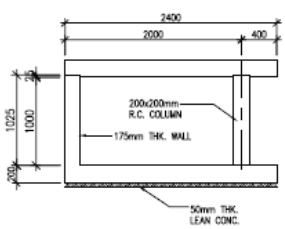
PLAN – BASE SLAB (TYPE B)
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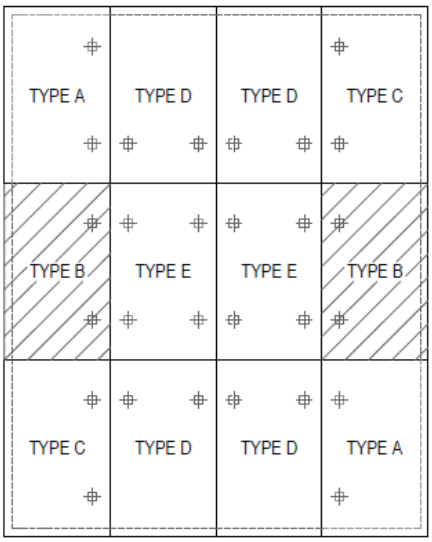
PLAN – TOP SLAB (TYPE B)
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SECTION A–A (TYPE B)
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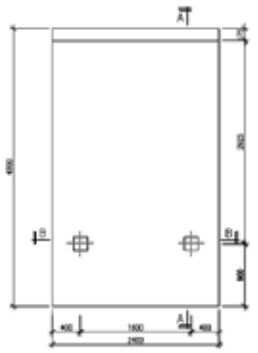
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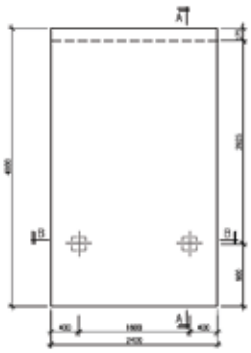
TYPICAL MODULE TYPES OF R.C. SLAB COVER

DETAIL

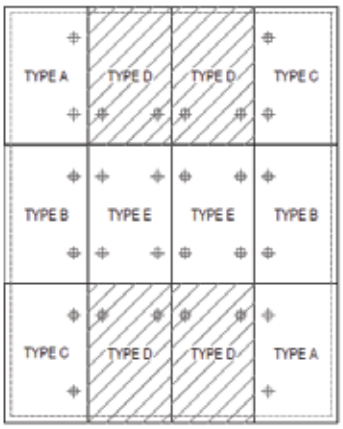
TYPES & SETUP



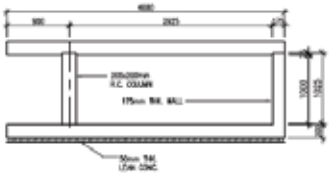
PLAN – BASE SLAB (TYPE D)
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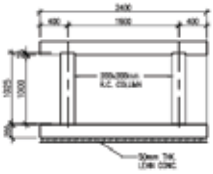
PLAN – TOP SLAB (TYPE D)
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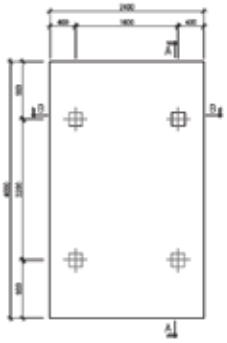
TYPICAL MODULE TYPES OF R.C. SLAB COVER



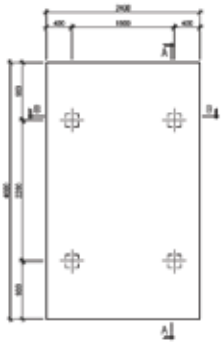
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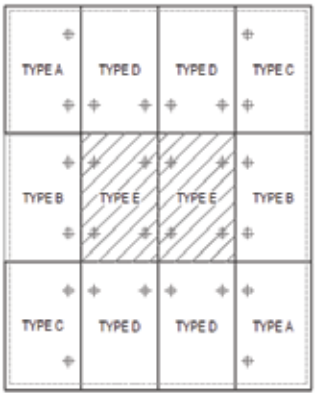
SECTION B–B (TYPE D)
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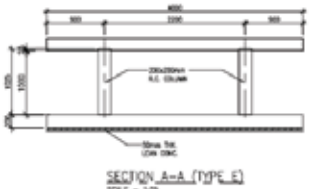
PLAN – BASE SLAB (TYPE E)
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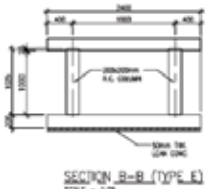
PLAN – TOP SLAB (TYPE E)
SCALE = 1:25



TYPICAL MODULE TYPES OF R.C. SLAB COVER



SECTION A–A (TYPE E)
SCALE = 1:25



SECTION B–B (TYPE E)
SCALE = 1:25



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