



# Manhole Products

## 60" Type 205a Maintenance Hole City of Seattle Standard Plan

### Grade Adjustment Rings Available

- 2", 3", 4", 6"

### Hole or Knock Out Dimensions

- Maximum hole size is 48 inches
- 8 inches of minimum distance between holes
- 2 inch diameter lifting holes provided
- Cored, cast-in and custom block-out/knock-outs available

### Conformity Standards

- ASTM C478 Manhole
- ASTM C443 rubber gasket joint
- ASTM D4101 & 232A/B polypropylene steps and ladders

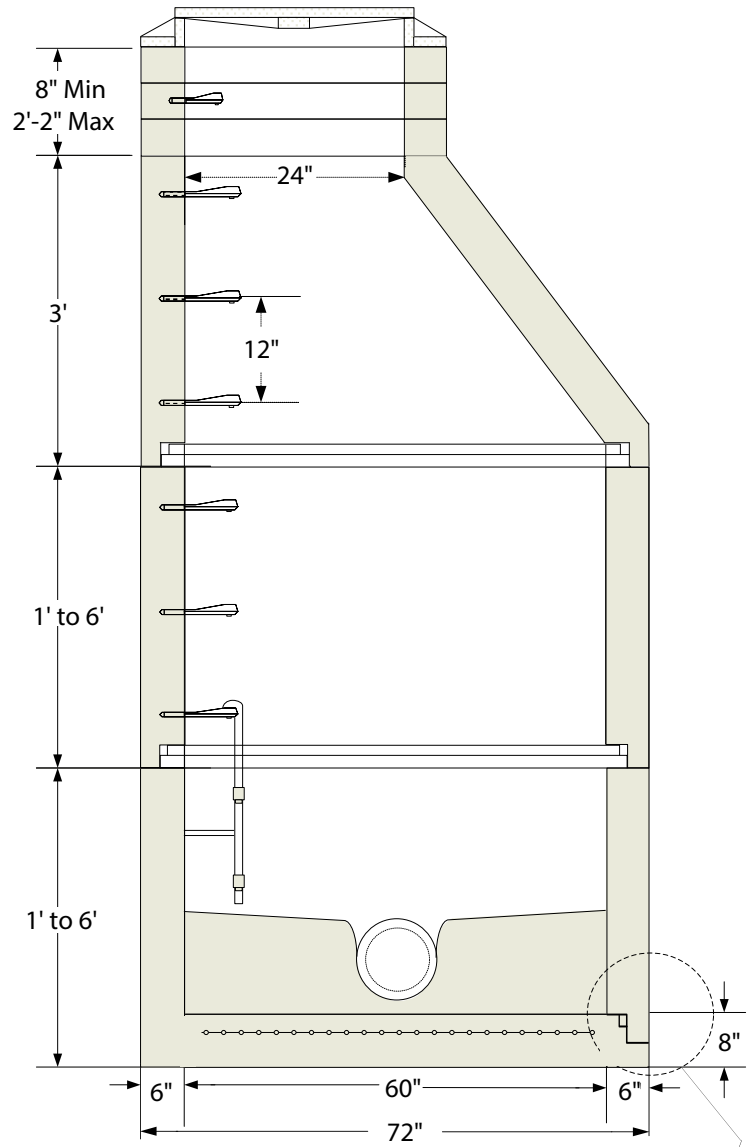
### Options Available

- Round offset & center hole flat tops
- Pre-channeled base
- Specialized coatings
- Kor-N-Seal boots
- Cored holes
- 1' thru 10' Polypropylene ladders

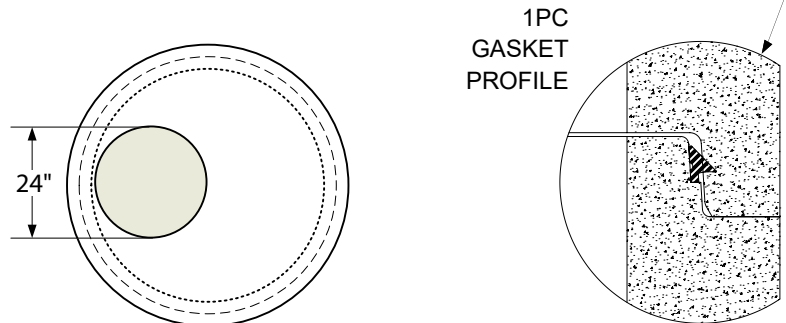
### Section Specifications

| Height | Section   | Base      |
|--------|-----------|-----------|
| 12"    | 1,056 LBS | 2,739 LBS |
| 24"    | 2,138 LBS | 3,821 LBS |
| 36"    | 3,221 LBS | 4,904 LBS |
| 48"    | 4,305 LBS | 5,988 LBS |
| 60"    | 5,388 LBS | 7,071 LBS |
| 72"    | 6,254 LBS | 7,937 LBS |

| Base Slab | Flat Top  | Cone      |
|-----------|-----------|-----------|
| 2,145 LBS | 2,114 LBS | 3,237 LBS |



**Top Cone Plan View    Gasket Shown Uncompressed**



Note: Drawings are not to scale.



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