REGION, STATE  
NORTH TX

DATE  
2018

ROUND MANHOLE 
4'-0" Ø

NOTE:
-28"Ø MAX. HOLE FOR PIPE CONNECTION
-MADE WITH ACCORDANCE WITH ASTM C-478
-AVAILABLE WITH WATERTIGHT PIPE CONNECTORS PER ASTM C923
-MANHOLE JOINTS: ASTM C443
NOTE:
- 44" MAX. HOLE FOR PIPE CONNECTION
- MADE WITH ACCORDANCE WITH ASTM C-478
- AVAILABLE WITH WATERTIGHT PIPE CONNECTORS PER ASTM C923
- MANHOLE JOINTS: ASTM C443
- 8" & 10" THICK STANDARD BASE SLAB
NOTE:
- 52"Ø MAX. HOLE FOR PIPE CONNECTION FOR 7' MANHOLE
- 60"Ø MAX. HOLE FOR PIPE CONNECTION FOR 8' MANHOLE
- 74"Ø MAX. HOLE FOR PIPE CONNECTION FOR 10' MANHOLE
- 80"Ø MAX. HOLE FOR PIPE CONNECTION FOR 12' MANHOLE
- 28"Ø MAX. HOLE FOR PIPE CONNECTION
- MADE WITH ACCORDANCE WITH ASTM C-478
- AVAILABLE WITH WATERTIGHT PIPE CONNECTORS PER ASTM C923
- MANHOLE JOINTS: ASTM C443
 NOTE:
- MAX. PIPE CONNECTION: 23"∅ RCP AT 0° SKEW
- MADE IN ACCORDANCE WITH ASTM C913
- STEEL REINFORCEMENT: ASTM A615 GRADE 60 OR EQ. ASTM A1064 WWR
- MAX BURIAL DEPTH 25'-0" FROM INSIDE FLOOR TO FINISHED GRADE
- PER TxDOT PRECAST BASE DETAIL TYPE 'PB' JANUARY 2015.
- STEPS NOT AVAILABLE
- NUMEROUS RING & COVER LOCATIONS & OPTIONS ARE AVAILABLE.
- RING CAST INTO SLAB TOP
- MAX. PIPE CONNECTION: 27" RCP AT 0° SKEW
- MADE IN ACCORDANCE WITH ASTM C913
- STEEL REINFORCEMENT: ASTM A615 GRADE 60 OR EQ. ASTM A1064 WWR
- MAX BURIAL DEPTH 25'-0" FROM INSIDE FLOOR TO FINISHED GRADE
- PER TxDOT PRECAST BASE DETAIL TYPE ‘PB’ JANUARY 2015
- STEPS NOT AVAILABLE
- NUMEROUS SLAB TOP OPENING LOCATIONS ARE AVAILABLE

NOTE:

REGION, STATE
NORTH TX
MANHOLE UNDER PAVEMENT
3'-0" x 3'-0"

RISER

<table>
<thead>
<tr>
<th>A</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1'-0&quot;</td>
<td>1,075#</td>
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<tr>
<td>1'-6&quot;</td>
<td>1,600#</td>
</tr>
<tr>
<td>2'-0&quot;</td>
<td>2,150#</td>
</tr>
<tr>
<td>3'-0&quot;</td>
<td>3,225#</td>
</tr>
</tbody>
</table>

PLAN VIEW

SIDES VIEW

TOPSLAB w/ ROUND OPENING
975# OR 850#

KNOCKOUT BASE
WEIGHT 3,725#

RISER SECTION
OPTIONAL
- Max. pipe connection: 36" RCP at 0° skew
- Made in accordance with ASTM C913
- Steel reinforcement: ASTM A615 Grade 60 or Eq. ASTM A1064 WWR
- Max burial depth 25'-0" from inside floor to finished grade
- Per TxDOT Precast Base Detail Type 'PB' January 2015.
- Steps not available
- Numerous ring & cover locations & options are available.
- Ring cast into slab top

**NOTE:**

**SIDE VIEW**

- 2 4" ∅ & 30" ∅ ring & cover

**PLAN VIEW**

**RISER SECTION**

Optional

**KNOCKOUT BASE**

Weight 6,000#
NOTE:
- MAX. PIPE CONNECTION: 36" RCP AT 0° SKEW
- MADE IN ACCORDANCE WITH ASTM C913
- STEEL REINFORCEMENT: ASTM A615 GRADE 60 OR EQ. ASTM A1064 WWR
- MAX BURIAL DEPTH 25'-0" FROM INSIDE FLOOR TO FINISHED GRADE
- PER TxDOT PRECAST BASE DETAIL TYPE 'PB' JANUARY 2015.
- STEPS NOT AVAILABLE
- NUMEROUS SLAB TOP OPENING LOCATIONS ARE AVAILABLE

### MANHOLE UNDER PAVEMENT

**4'-0" x 4'-0"**
NOTE:
- MAX. PIPE CONNECTION: 48" Ø RCP AT 0° SKEW
- MADE IN ACCORDANCE WITH ASTM C913
- STEEL REINFORCEMENT: ASTM A615 GRADE 60 OR EQ. ASTM A1064 WWR
- MAX BURIAL DEPTH 25'-0" FROM INSIDE FLOOR TO FINISHED GRADE
- PER TxDOT PRECAST BASE DETAIL TYPE 'PB' JANUARY 2015.
- STEPS NOT AVAILABLE
- NUMEROUS SLAB TOP OPENING LOCATIONS ARE AVAILABLE