

# FIBERGLASS WETWELL

## Installation Instructions

Including Lift Stations



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[www.containmentsolutions.com](http://www.containmentsolutions.com)

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**INTRODUCTION**

These instructions, while using the word "wetwell", will pertain to all wetwells and lift stations. Fiberglass wetwells are designed for installation with concrete top pad and bottom slabs. The following instructions reflect the approved methods for installing wetwells.

**SAFETY**

These instructions should not be interpreted in any way to put one's health at risk, or to harm property and/or the environment.

The following definitions will serve as a guide when reading this manual:

**⚠WARNING**

Indicates a potentially hazardous situation, which if not avoided could result in death or serious injury.

**⚠CAUTION**

Indicates a potentially hazardous situation, which if not avoided may result in minor or moderate injury.

**CAUTION**

A caution without the safety alert symbol indicates a potentially hazardous situation, which if not avoided may result in property damage.

**Technical Support - Texas**

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**IMPORTANT INFORMATION**

**Proper installation of each wetwell is essential:**

- To ensure the safety of all the individuals involved in the installation.
- To prevent wetwell damage and/or failure, which could lead to product loss and environmental contamination.
- To validate the wetwell warranty.

**GENERAL INFORMATION**

**⚠WARNING**

Wetwells are a confined space per OSHA guidelines. Follow proper confined space safety procedures.

Containment Solutions fiberglass wetwells must be installed according to these published instructions (MAN 4004) as well as any required supplemental instructions.

Follow all OSHA, Federal, State, Local or Provincial, safety and environmental codes and regulations.

**WETWELL WARRANTY ACTIVATION**

- These instructions must be followed.
- Any variances or deviations which are in direct conflict with these published installation instructions must be approved in writing by CSI prior to the installation.
- The Wetwell Installation Checklist must be properly completed and signed by the owner's representative and the installing contractor.
- The Wetwell Installation Checklist, these instructions, and any correspondence related to the wetwell installation must be retained by the owner and provided later to CSI to validate any future warranty claim.

The warranty in effect at the time of delivery will apply and is available from Containment Solutions.

**BEFORE YOU BEGIN**

- Read, understand and follow these instructions.
- Barricade the work area.
- Review and prepare to complete the installation checklist as the installation progresses.

If you have questions on other wetwell installation details, call Technical Support at 800-537-4730.

**A. HANDLING AND PREPARATION**

**⚠ WARNING**

Do not stand on or under wetwell while it is being lifted. This could result in personal injury or death.

**⚠ WARNING**

Do not allow driver to release straps securing the wetwell to the truck until the wetwell is safe to offload. Failure to do so could result in death or serious injury.

- Upon wetwell delivery and when lifting wetwell, visually inspect entire exterior surface of the wetwell for shipping or handling damage.
- If damage exists, contact CSI prior to installation.
- Do not drop or impact the wetwell.
- Wetwells should be stored horizontally and chocked, using only appropriate materials such as sandbags, tires, or other soft or pliable materials.
- Do not roll or set the wetwell on any pipe stubout, accessory or appurtenance installed on the wetwell.
- The contractor is responsible for rigging, unloading and securing the wetwell.
- Always lift, never roll, slide or push a wetwell.
- When lifting the wetwell in the horizontal position, use two slings with a spreader bar.
- Only a pliable strap or rope should contact the wetwell, do not use chains, steel cables or hard metallic slings.
- Do not wrap chain or cable around the wetwell.
- Use a minimum of two lift lugs when pivoting the wetwell from horizontal to vertical.
- Utilize all lift lugs provided at the wetwell top for vertical lifting.

**B. SITE PREPARATION**

Dimensions of the excavation should be wide enough to provide sufficient working room around the wetwell.

Use minimum 3000-psi concrete for bottom slabs. Final slab depth, size, thickness and reinforcements shall meet the minimum requirements in these instructions and applicable tables, including appendix.

Slabs should extend at least 12" beyond the O.D. of the wetwell.

Minimum slab thickness and reinforcement are specified in Table 1 in the appendices of this publication. (see Appendices: Bottom Slab Design)

**TABLE 1 CAN BE FOUND IN THE APPENDICES OF THIS PUBLICATION AND ARE REFERENCED THROUGHOUT THE INSTALLATION GUIDE.**

Concrete slab designs must meet American Concrete Institute Code ACI 318 Building Code Requirements for Structural Concrete with a load factor of 1.3. This is sufficient to resist bending from water head pressure and soil loading with the wetwell completely empty with water to grade and a float out Factor of Safety of at least 1.2.

It is the responsibility of the owner or owner's representative to install a slab of adequate design that facilitates proper product use.

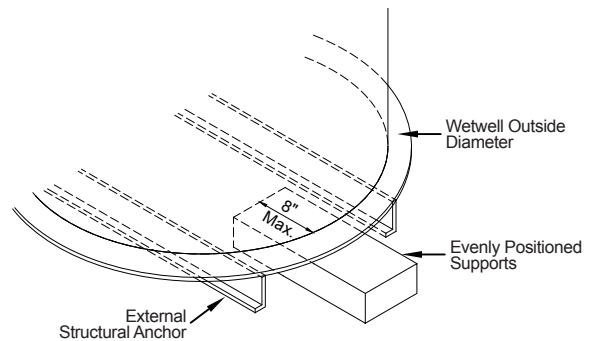
**C. WETWELL POSITIONING**

**HEIGHT ADJUSTMENT & LEVELING**

To aid in positioning and handling the wetwell while constructing the concrete slab, supports or shims may be utilized. (see Figure C-1)

- Supports should be made from a material that will not degrade or rot.
- The wetwell must rest on a minimum of 3 evenly spaced supports. The supports should position the wetwell bottom above the rebar. Wetwell cannot sit on rebar reinforcement
- The supports must be in contact with the flat bottom of the wetwell at the outside diameter, and must not contact the external structural anchors.
- The supports must not extend more than 8" from the outside diameter of the wetwell toward the center.

Figure C-1





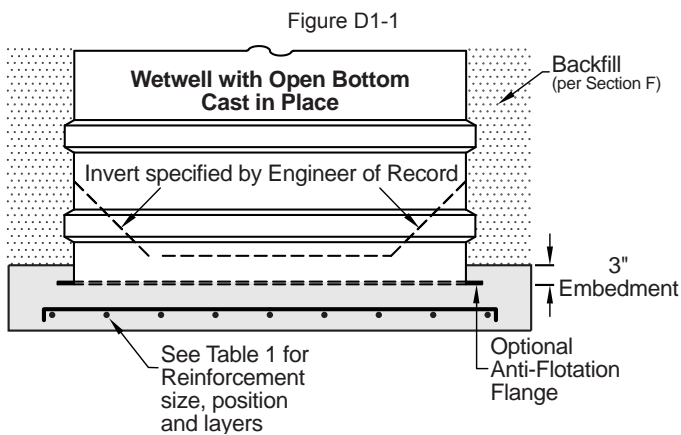
**D1. BOTTOM SLAB FOR OPEN BOTTOM WETWELLS**

**⚠ WARNING**

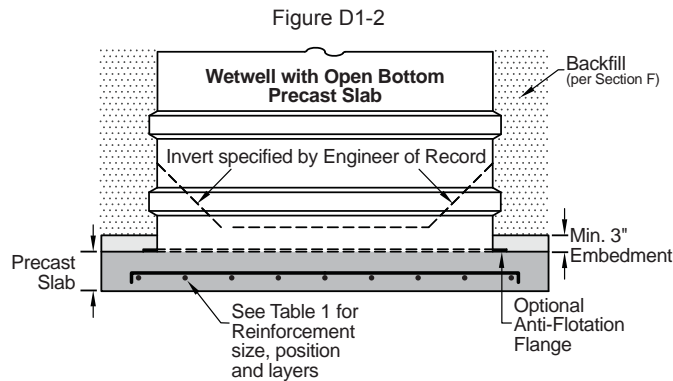
Collapsing excavation walls can cause injury or death. Do not enter the wetwell excavation unless necessary and in compliance with OSHA regulations. Follow OSHA guidelines for excavations.

**OPEN BOTTOM WETWELLS with or without Anti-Flotation Flange (refer to Figure D1-1 and D1-2)**

- Cast in place slabs - Lower wetwell into wet concrete until it rests at correct elevation embedded 3" into concrete, then move wetwell to plumb.



- Precast slabs - Lower wetwell until it rests on the slab. Place a minimum of 3" of concrete on top of precast slab around the circumference of the wetwell.



**D2. CLOSED BOTTOM WETWELLS WITH FACTORY SUPPLIED BOTTOM SLAB**

Closed bottom wetwells with factory supplied bottom slabs are only available from the manufacturer and do not require additional slab instructions. Lower the complete unit into the excavation using the supplied lift lugs and backfill per section G. Make sure the excavation bed is level and free of rocks and debris. All other instructions within this document still apply.

**D3. BOTTOM SLAB FOR CLOSED BOTTOM WETWELLS WITH EXTERNAL STRUCTURAL ANCHORS**

**⚠ WARNING**

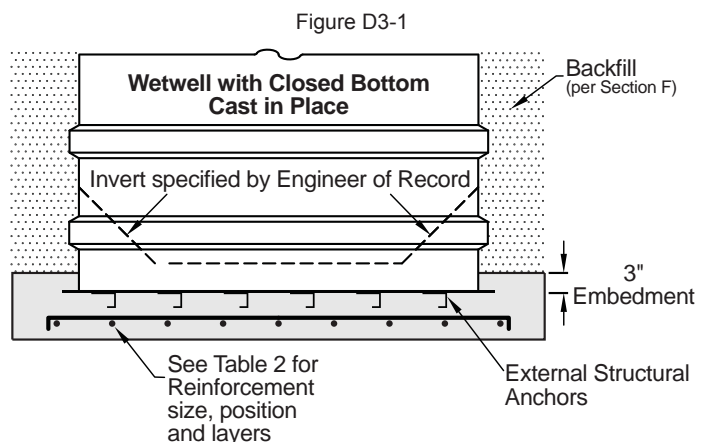
Collapsing excavation walls can cause injury or death! Do not enter the wetwell excavation unless necessary and in compliance with OSHA regulations. Follow OSHA guidelines for excavations.

**CLOSED BOTTOM WETWELLS with External Structural Anchors (refer to Table 2 and Figure D3-1)**

- Cold concrete joints and pre-cast slabs are not allowed. Fiberglass closed (solid) bottom wetwells with external structural anchors must be installed in a continuous and monolithic concrete pour the anti-flotation ring cover (embedding).
- Lower wetwell into the wet concrete until it rests at correct elevation embedded a minimum of 3" into concrete.
- Concrete must extend at least 3" above the Wetwell bottom and around the entire circumference of the Wetwell.
- It may be necessary to add ballast (water) inside the Wetwell to counteract buoyancy until the concrete is cured.
- Push and/or prod the concrete to ensure all voids are filled under and around the external structural anchors.

**CAUTION**

Voids in the concrete pad around external structural anchors will result in product damage and environmental contamination.



**E. BED AND BACKFILL**

Proper backfill selection and compaction is required for a proper installation. The allowed backfills are shown in the Backfill & Compaction Tables (Tables 2, 3, 4) along with the degree of compaction required.

- Backfill selection shall be in accordance with these instructions and based on the largest diameter of any section of the Wetwell.

Do not backfill around the Wetwell until the concrete slab has hardened.

Add backfill in maximum 12" lifts evenly around the Wetwell to avoid uneven backfill loads.

A flexible joint on each connecting pipe is required to relieve stresses from differential backfill movement or soil consolidation. Backfill should be added to the invert elevation of each connecting pipe, the connection made and sealed, before continuing to backfill.

Backfill surround requirements:

- If muck, bog, peat, or loess are present, consult with a Geotechnical Engineer for backfill and excavation requirements.
- For permafrost conditions, consult with a Geotechnical Engineer for backfill and excavation requirements.

Keep backfill dry and free of ice in freezing conditions.

Ensure that no foreign objects larger than 2" such as large stones, concrete clumps, tree roots/limbs, or debris is in the backfill surrounding the Wetwell.

Prevent large surges of backfill from displacing the Wetwell.

**TABLES 2-4 CAN BE FOUND IN THE BACKFILL APPENDIX OF THIS PUBLICATION.**

**F. WETWELL INSTALLATION WITH A FIBERGLASS UNDERGROUND TANK**

**CAUTION**

**Not using approved backfill material may result in tank failure and environmental contamination.**

If the wetwell is installed in the same excavation as an underground fiberglass tank, the backfill around the wetwell must also meet the tank backfill requirements so as to not compromise the tank installation.

Tank backfill requirements are more restricted and strict conformance to the tank backfill requirements in INST 6001 must be met for both the wetwell and tank.

**G. INVERT**

Invert specified by Engineer Of Record. The invert may be at any angle and may project up the wetwell any distance.

**H. TOP PAD**

The wetwell is designed to support the dead weight of an 8" thick square pad 24" larger than the diameter of the wetwell (centered on the wetwell) along with a dynamic HS-20 traffic load as long as the pad is designed to distribute the loads on the wetwell perimeter and not on the interior of the lid.

If the static load will exceed the 8" pad weight or the traffic load will exceed HS-20, the pad must be 48" larger than the wetwell diameter (centered on the wetwell) and all of the pad and / or traffic loads must be supported by the soil around the wetwell and not by the wetwell itself.

Fiberglass flat tops 36" through 92" diameter are designed to support 8" concrete pads without internal supports while the concrete cures.

Fiberglass flat tops greater than 92" diameter or concrete pads thicker than 8" must have internal bracing to support the top until the concrete cures. Brace internally with 2" x 10" lumber on 24" centers supporting the top from the underside to carry the load while the concrete cures. The concrete pad must be designed to be self supporting after cured. After the concrete pad is cured, remove the bracing.

The pad shall be specified by the Engineer Of Record.

**OPEN TOP WETWELLS WITHOUT TRAFFIC LOAD (see Figure H-1)**

- Concrete pads can be either precast or cast on site. The pad must be larger than the wetwell a minimum of 12" in all directions.
- Maximum 8" concrete pad thickness.
- Precast top pads must have a reasonably smooth, flat bottom to provide a seal between the pad underside and wetwell top edge when using a gasket, tar, or other sealing material.

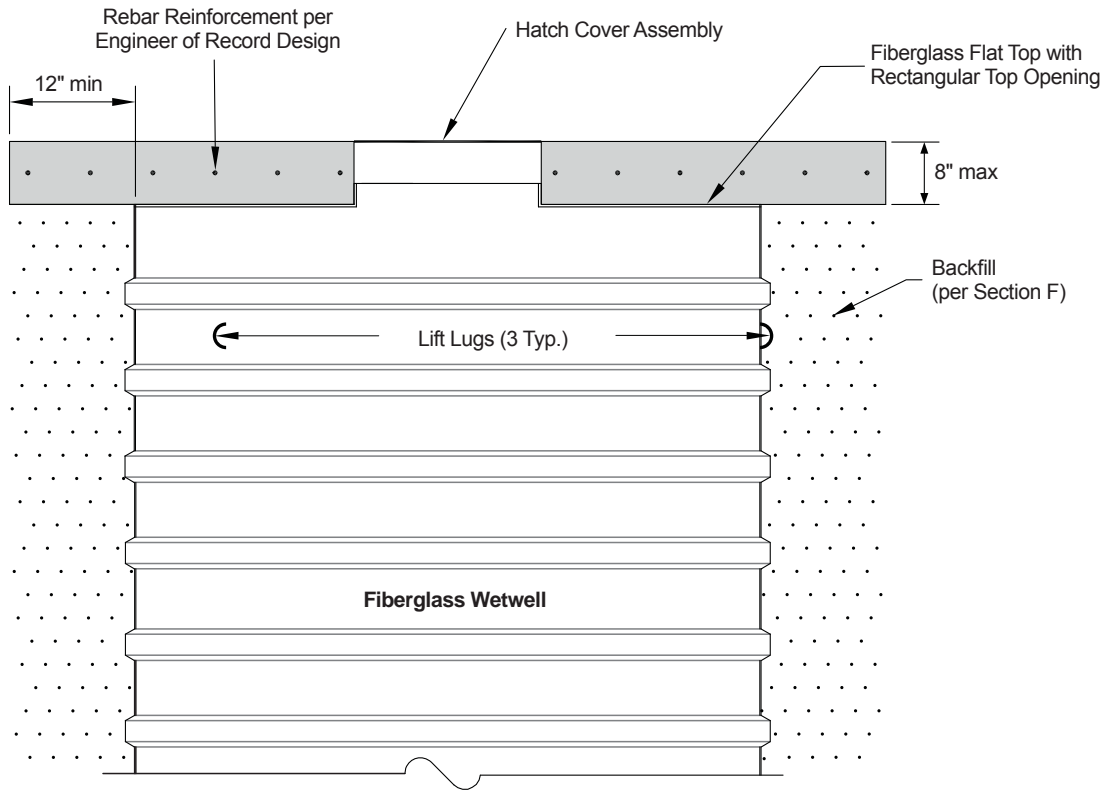
**FIBERGLASS FLAT TOPS WITHOUT TRAFFIC LOAD (see Figure H-1)**

- The pad must be larger than the wetwell a minimum of 12" in all directions.
- Maximum 8" concrete pad thickness.

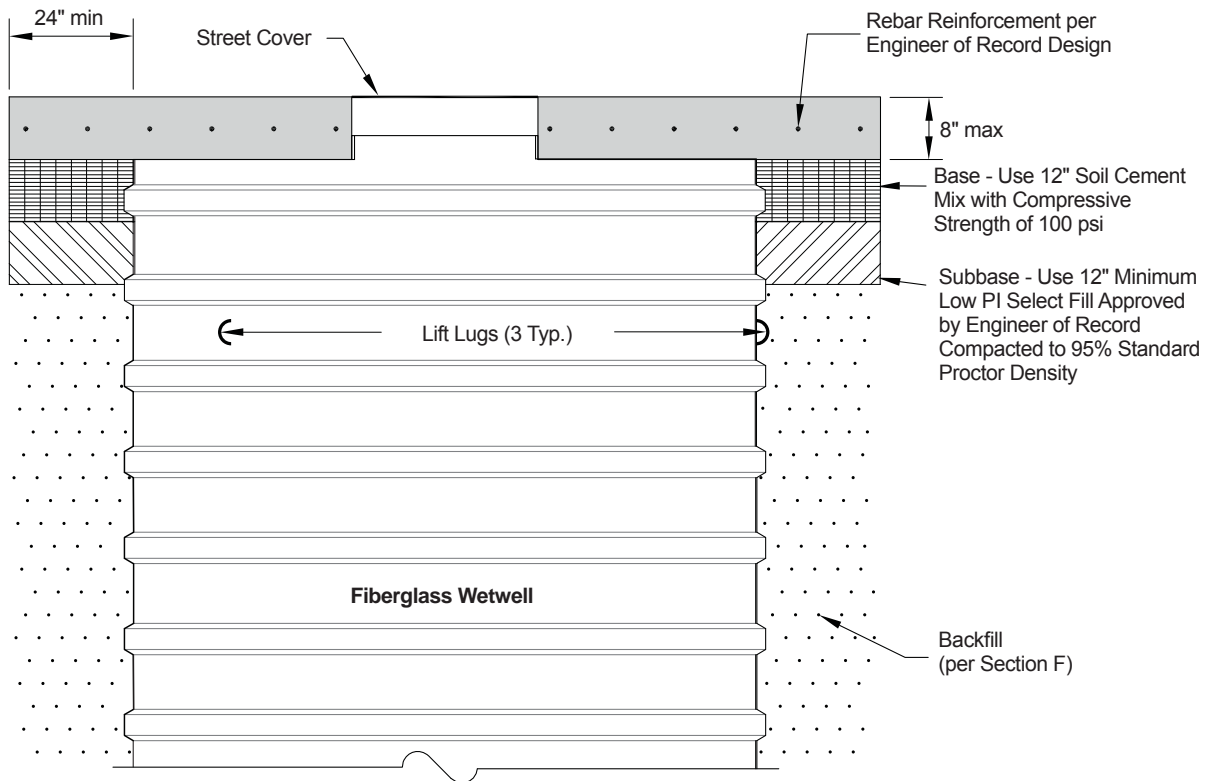
**FIBERGLASS FLAT TOPS WITH TRAFFIC LOAD (see Figure H-2)**

- The pad must be larger than the wetwell a minimum of 24" in all directions.
- The Engineer Of Record shall specify the pad strength and reinforcement so that the static weight of an 8" thick square pad (no more than 24" larger than the diameter of the wetwell centered on the wetwell) along with a dynamic HS-20 traffic load must be distributed on the wetwell perimeter and not on the interior of the lid.
- If either the static pad load or the dynamic traffic load is exceeded, all of the pad and / or traffic loads must be supported by the soil around the wetwell and not by the wetwell itself.

**NON-TRAFFIC LOAD (Figure H-1)**



**TRAFFIC LOAD (Figure H-2)**



# Appendices

Appendix 1 - Open Bottom Wetwells ..... 8-9

Appendix 2 - Wetwells WITH External Anchors..... 10-12

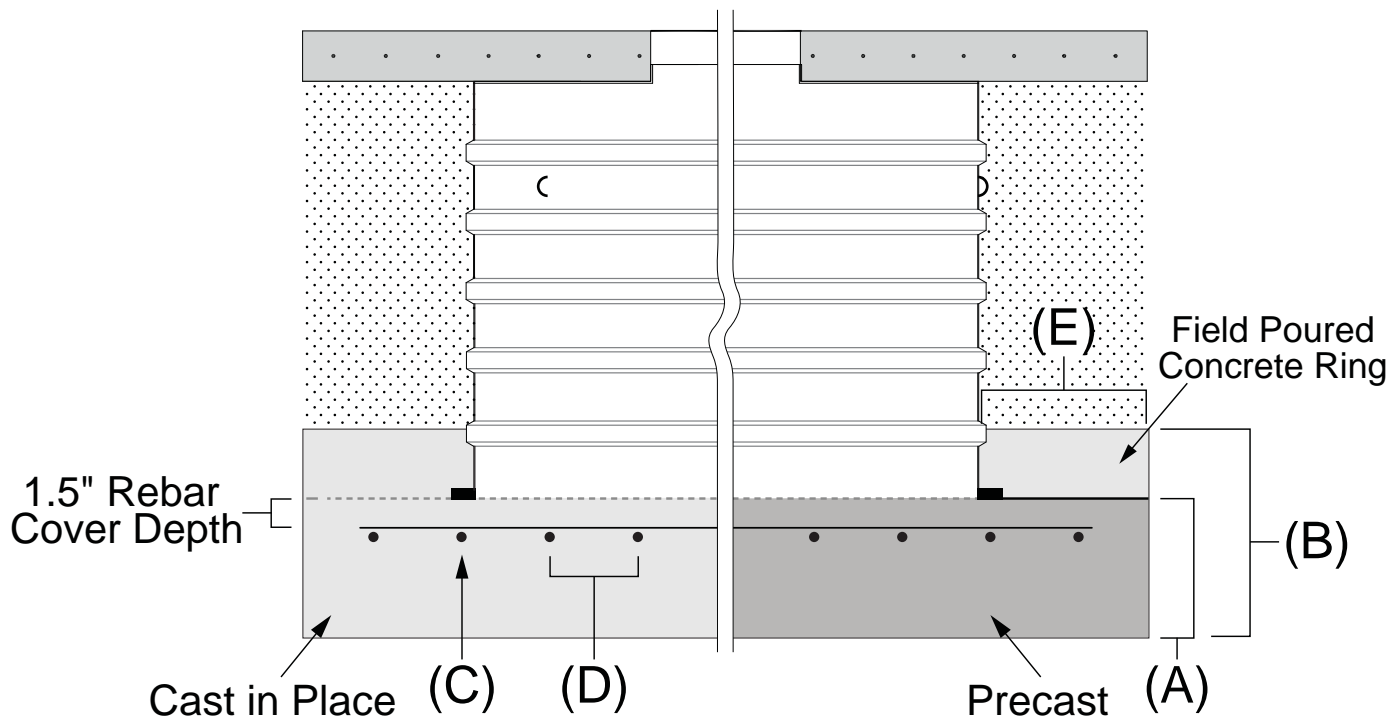
Appendix 3 - Backfill & Compaction Tables ..... 13

**Closed Bottom Wetwells Without External Anchors:**

The diagram below defines the measurements utilized in Table 1 for designing concrete slabs suitable for use with Containment Solutions products. Slabs are designed to ACI code. Use a minimum 3000 psi concrete and 60 ksi yield strength rebar. Each Wetwell must rest on a concrete bottom slab.

**Definitions:**

- (A) Concrete Thickness Under Wetwell - measured from the bottom of the slab to the bottom of the Wetwell.
- (B) Total Slab Thickness - the total concrete height including the 3" of concrete embedment around the anti-flotation flange.
- (C) Rebar Size - the rebar number based on the diameter of the rod in 1/8" increments.
- (D) Rebar Spacing - the center-to-center distance within a rebar layer.
- (E) Slab Extension - the minimum allowed concrete beyond the Wetwell outer diameter (O.D.)

**Additional Instructions:**

1. A layer of rebar includes rebar placed with the bottom rows laying perpendicular to the top rows, with 1.5" of rebar cover depth (between top of rebar and wetwell bottom).
2. All rebar to extend to within 2" of the slab perimeter.
3. The rebar cover depth may not be changed, but the rebar size and spacing within a layer may be adjusted as long as the amount of steel specified in Table 1 is matched or exceeded.
4. Each Wetwell slab must be independent of any other slab or structure.
5. Cast in place or precast slabs are acceptable for closed bottom Wetwells without structural anchors.



TABLE 1

**Closed Bottom Wetwells WITHOUT External Anchors:**

Concrete thickness measurements in the table allow for the forming of the slab using standard lumber dimensions/sizes. The measurements identified in the table below are referenced in the diagram in Appendix 1.

Wetwell Diameter	Depth (feet)	Concrete Thickness Under Wetwell (inches)	Slab Thickness (inches)	Rebar Size (number)	Rebar Spacing (inches)	Slab Extension (inches)
		A	B	C	D	E
36"	10	5.5	9	5	28	12
	20	5.5	9	5	28	12
	25	5.5	9	5	28	12
42"	10	5.5	9	5	28	12
	20	5.5	9	5	28	12
	25	5.5	9	5	28	12
48"	10	5.5	9	5	28	12
	20	5.5	9	5	28	12
	30	5.5	9	5	26	12
	40	5.5	9	5	21	12
54"	10	5.5	9	5	28	12
	20	5.5	9	5	26	12
	30	5.5	9	5	23	12
	40	7.25	10.75	5	17	12
60"	10	5.5	9	5	28	12
	20	5.5	9	5	26	12
	30	5.5	9	5	18	12
	40	7.25	10.75	5	13	12
66"	10	5.5	9	5	28	12
	20	5.5	9	5	23	12
	30	5.5	9	5	15	12
	40	7.25	10.75	6	14	12
72"	10	5.5	9	5	28	12
	20	5.5	9	5	19	12
	30	7.25	10.75	5	12	12
	40	7.25	10.75	6	12	12

**Notes:**

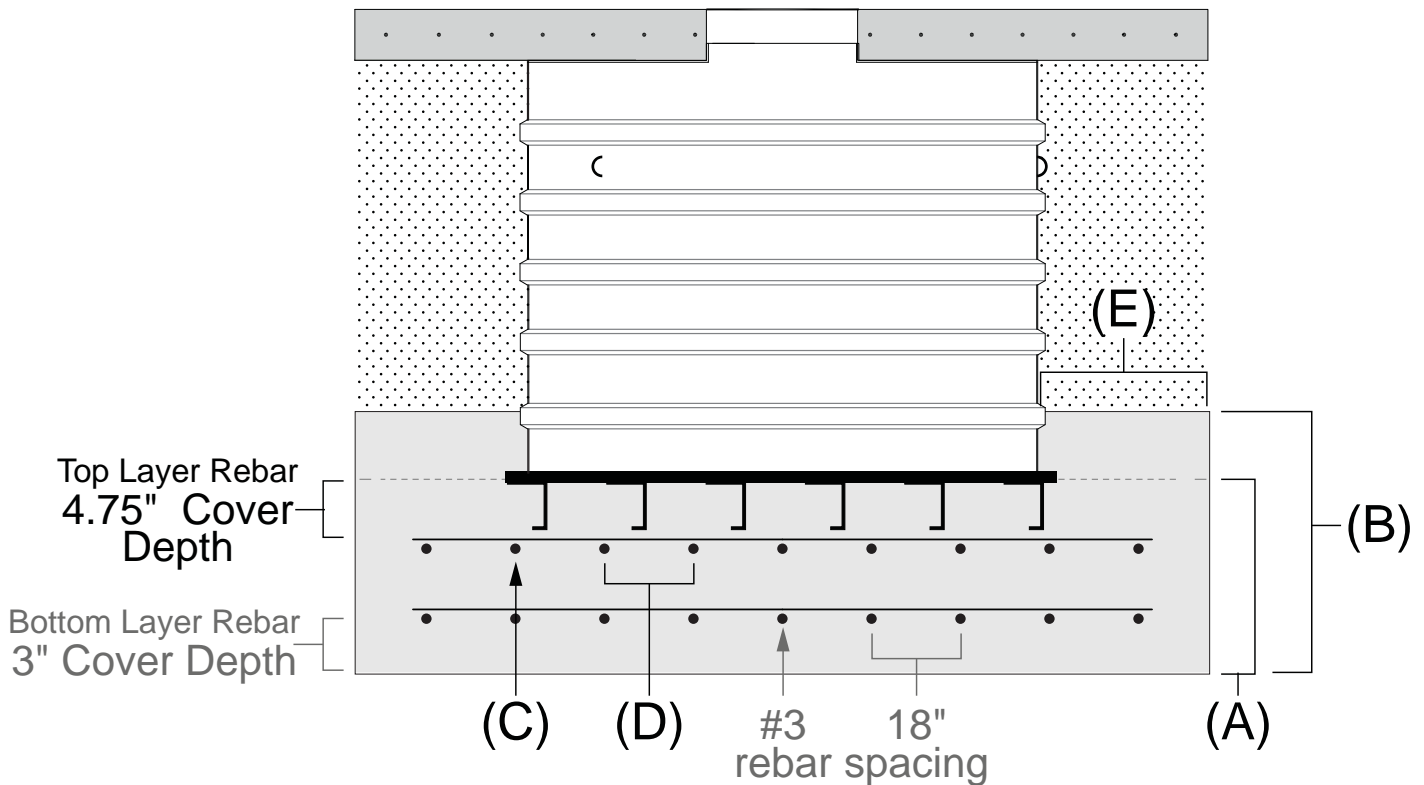
- 36" through 42" diameter – flat unreinforced bottoms in this size range are restricted to a maximum 25' burial depth in CSI specifications.
- 48" through 72" diameter – large deflection unreinforced bottoms in this size range are restricted to a maximum 40' burial depth in CSI specifications.
- >72" diameter or burial depths deeper than those shown in the table require bottoms that have external structural anchors.

**Closed Bottom Wetwells WITH External Anchors:**

The diagram below defines the measurements utilized within Table 2 for designing concrete slabs suitable for use with Containment Solutions products. Slabs are designed to ACI code. Use a minimum 3000 psi concrete and 60 ksi yield strength rebar. Each Wetwell must rest on a concrete bottom slab independent of any other Wetwell or other structures. Total Slab Thickness allows for the forming of the slab with standard lumber dimensions.

**Definitions:**

- (A) Concrete Thickness Under Wetwell - measured from the bottom of the slab to the bottom of the wetwell.
- (B) Total Slab Thickness - measured from the bottom of the slab to the top of the concrete embedment.
- (C) Rebar Size - the rebar number based on the diameter of the rod in  $\frac{1}{8}$ " increments.
- (D) Rebar Spacing - the center-to-center distance within a layer.
- (E) Slab Extension - the minimum allowed concrete beyond the wetwell outer diameter (O.D.)

**Additional Instructions:**

1. Top Layer Rebar, (C) & (D), is required on all slabs, reference Table 1 for size and spacing. Place bottom rows of rebar perpendicular to top rows of rebar with 4.75" of cover depth (between top rebar and Wetwell bottom).
2. Bottom Layer Rebar is only required on 10' diameter Wetwells with deep burials. Place bottom rows of rebar perpendicular to top rows of rebar with 3" of cover depth (between the bottom of slab and bottom rebar). When bottom layer rebar is required, use #3 rebar and 18" spacing.
3. All rebar to extend to within 2" of the slab perimeter.
4. The rebar cover depth may not be changed, but the rebar size and spacing within a layer may be adjusted as long as the amount of steel specified in Table 1 is matched or exceeded.

TABLE 2

**Closed Bottom Wetwells WITH External Anchors:**

Concrete thickness measurements in the table allow for the forming of the slab using standard lumber dimensions/sizes. The measurements identified in the table below are referenced in the diagram in Appendix 1.

Wetwell Diameter	Depth (feet)	Concrete Thickness Under Wetwell (inches)	Total Slab Thickness (inches)	Top Layer Rebar Size (number)	Top Layer Rebar Spacing (inches)	Slab Extension (inches)
		A	B	C	D	E
36"	10	7.25	10.75	5	23	12
	20	7.25	10.75	5	23	12
	30	9.25	10.75	5	18	12
	40	9.25	12.75	5	18	12
	50	9.25	12.75	5	18	12
42"	10	7.25	10.75	5	23	12
	20	7.25	10.75	5	23	12
	30	9.25	12.75	5	18	12
	40	9.25	12.75	5	18	12
	50	9.25	12.75	5	18	12
48"	10	7.25	10.75	5	23	12
	20	7.25	10.75	5	17	12
	30	9.25	12.75	5	18	12
	40	9.25	12.75	5	18	12
	50	11.25	14.75	5	15	12
54"	10	7.25	10.75	5	23	12
	20	9.25	12.75	5	18	12
	30	9.25	12.75	5	18	12
	40	9.25	12.75	5	17	12
	50	11.25	14.75	5	15	12
60"	10	7.25	10.75	5	23	12
	20	9.25	12.75	5	18	12
	30	9.25	12.75	5	18	12
	40	11.25	14.75	5	15	12
	50	11.25	14.75	5	15	12
66"	10	7.25	10.75	5	18	12
	20	9.25	12.75	5	18	12
	30	9.25	12.75	5	15	12
	40	11.25	14.75	5	15	12
	50	11.25	14.75	5	14	12
72"	10	7.25	10.75	5	15	12
	20	9.25	12.75	5	18	12
	30	9.25	12.75	5	12	12
	40	11.25	14.75	5	15	12
	50	14.75	18.25	6	16	12

TABLE 2 (cont'd)

**Closed Bottom Wetwells WITH External Anchors:**

Concrete thickness measurements in the table allow for the forming of the slab using standard lumber dimensions/sizes. The measurements identified in the table below are referenced in the diagram in Appendix 2.

Wetwell Diameter	Depth (feet)	Concrete Thickness Under Wetwell (inches)	Total Slab Thickness (inches)	Top Layer Rebar Size (number)	Top Layer Rebar Spacing (inches)	Bottom Layer Rebar Size (number)	Bottom Layer Rebar Spacing (inches)	Slab Extension (inches)
A B C D								E
92"	10	9.25	12.75	5	18			12
	20	9.25	12.75	6	15			12
	30	11.25	14.75	6	16			12
	40	14.75	18.25	6	16			12
	50	14.75	18.25	6	15			12
8'	10	9.25	12.75	5	18			12
	20	9.25	12.75	6	13			12
	30	11.25	14.75	6	15			12
	40	14.75	18.25	6	15			12
	50	14.75	18.25	6	15			12
10'	10	9.25	12.75	5	13			12
	20	11.25	14.75	6	14			12
	30	14.75	18.25	6	15			12
	40	14.75	18.25	6	12			12
	50	16.75	20.25	6	12	3	18	12

TABLE 3

Diameter	Smooth Wall Cylinder			Ribbed Cylinder Wetwell			Rehab		
	<= 72" diameter*			> 72" diameter*			<= 72"		
Depth	0' - 20'		21' - 50'	0' - 20'		21' - 50'	0' - 25'		
Soil Type	Stable Soils AND Water Table more than 5' below grade	Unstable Soils OR water table less than 5' below grade		All Soils	Stable Soils AND Water Table more than 5' below grade	Unstable Soils OR water table less than 5' below grade		All Soils	Existing Wetwell structure
	Bearing capacity greater than 2000 lbs. per sq. ft.	Bearing capacity less than 2000 lbs. per sq. ft. (Ex: include expansive clay, quick sand or marsh)			Bearing capacity greater than 2000 lbs. per sq. ft.	Bearing capacity less than 2000 lbs. per sq. ft. (Ex: include expansive clay, quick sand or marsh)			
Backfill Type Allowed	Native Soil	Backfill per Table G-2		Backfill per Table G-2			Portland Cement (Type II preferred) and Sand Grout		
Compaction	Dumped	Compaction per Table G-2		Compaction per Table G-2					
Backfill Around Cylinder	12"	24"	24"	24"	1/2 Diameter	1/2 Diameter	Minimum 3"		
Max Lifts	12"	12"	12"	12"	12"	12"	Single pour		

\* 72" diameter Wetwell cylinders less than 20' deep will be smooth wall, 72" diameter Wetwells equal to or greater than 20' deep will be ribbed.

TABLE 4

Bed and Backfill Compaction	
Soil type-pipe bedding material (Unified Soil Classification System) (See Table G-3_	Minimum Degree of Compaction Required*
Fine - grained soils (Liquid Limit < 50) with medium to no plasticity with <b>less than 25%</b> coarse grained particles. <b>CL, ML, ML - CL,</b>	High
Fine grained soils (Liquid Limit < 50) with medium to no plasticity with <b>more than 25%</b> coarse grained particles. <b>CL, ML, ML - CL</b>	Moderate
Coarse grained soils containing more than 12% fines. <b>GM, GC, SM, SC</b>	Moderate
Coarse grained soils with less than 12% fines. <b>GW, GP, SW, SP</b>	Moderate
Crushed Rock or Pea Gravel (3/4" maximum size with less than 50% passing No. 4 sieve)	Dumped
* Degree of compaction: <ul style="list-style-type: none"> <li>• Dumped - No compaction effort.</li> <li>• Moderate - Intermediate level of compactive effort, In-place density &gt;=85% and &lt; 95% standard Proctor Density, or &gt;=40% and &lt;70% Relative Density.</li> <li>• High - Considerable compactive effort. In-place density &gt;= 95% standard Proctor Density, or &gt;= 70% Relative Density.</li> </ul>	

TABLE 5

First Letter		Second Letter	
Letter	Definition	Letter	Definition
<b>G</b>	Gravel	<b>P</b>	Poorly Graded (uniform particle sizes)
<b>S</b>	Sand	<b>W</b>	Well Graded (diversified particle sizes)
<b>M</b>	Silt	<b>H</b>	High Plasticity
<b>C</b>	Clay	<b>L</b>	Low Plasticity
<b>O</b>	Organic		

The Unified Soil Classification System can be applied to most unconsolidated materials, and is represented by a two-letter symbol.





# Wetwell Installation Checklist

including Lift Stations, Vertical Pump Vaults, and Basins

Complete this checklist and keep it with copies of any written authorizations for variations and/or deviations received from CSI.

Site Owner \_\_\_\_\_ Installation Date \_\_\_\_\_ Wetwell Unit Serial Number \_\_\_\_\_

Site Address \_\_\_\_\_  
Street City State Zip

Installing Contractor \_\_\_\_\_  
Company Street City State Zip

Fiberglass Wetwell	Completed	N/A
<b>1. Wetwell inspected for damage prior to installation as described in Section A.</b>	_____	_____
<b>2. Installation method used for Bottom Slab:</b> (select only one)	_____	_____
Open Bottom (Section D1): <input type="checkbox"/> Cast in place slab <input type="checkbox"/> Precast slab Closed Fiberglass Bottom <u>with</u> external structural anchors (Section D2): <input type="checkbox"/> Cast in place slab	_____	_____
<b>3. Bottom Slab design according to:</b> (select only one)	_____	_____
<input type="checkbox"/> Table 1 <input type="checkbox"/> Engineer of Record for the specific jobsite	_____	_____
<b>4. Backfill around exterior of the Wetwell meets requirements in Section F.</b>	_____	_____
<b>5. Wetwell top pad meets minimum design requirements of Section H <u>or</u> is designed specifically for this installation by the Engineer of Record.</b>	_____	_____
<b>6. Top pad is designed for:</b>	_____	_____
<input type="checkbox"/> Non-traffic load <input type="checkbox"/> Traffic Load	_____	_____

Installation was in accordance with Wetwell Installation Instructions (Pub No. MAN 4004).

\_\_\_\_\_  
 Owner Representative (Print Name)

\_\_\_\_\_  
 Contractor Representative (Print Name)

\_\_\_\_\_  
 Owner Representative (Signature)

\_\_\_\_\_  
 Date

\_\_\_\_\_  
 Contractor Representative (Signature)

\_\_\_\_\_  
 Date





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