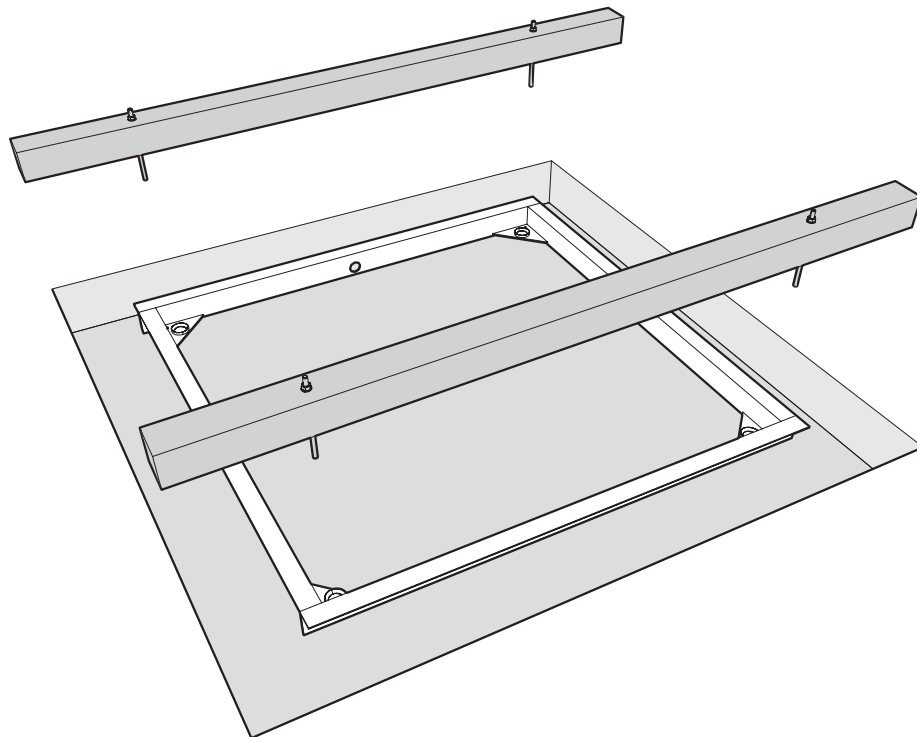


*Installation instructions*  
*Montageanleitung*  
*Notice de montage*  
*Istruzioni di montaggio*  
*Instrucciones de montaje*  
*Montageaanwijzing*

**METTLER TOLEDO**

**METTLER TOLEDO**  
*Quick Pit PFA*



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Tailored Services

Congratulations on choosing the quality and precision of METTLER TOLEDO. Proper use according to these installation instructions and regular calibration and maintenance by our factory-trained service team ensure dependable and accurate operation, protecting your investment. Contact us about a ServiceXXL agreement tailored to your needs and budget.

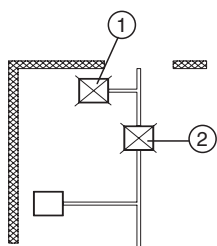
We invite you to register your product at [www.mt.com/productregistration](http://www.mt.com/productregistration) so we can contact you about enhancements, updates and important notifications concerning your product.

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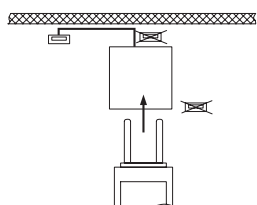
## 1 Determining location

### 1.1 Determining location of the weighing platform



- Avoid areas near doors (1).
- Avoid high traffic areas (2).
- Protect the weighing platform against strong air movements.
- Load-bearing capacity of pit base:  
min. 1500 kg / 25 cm<sup>2</sup>

### 1.2 Determining location of the weighing terminal



- Locate terminal for maximum visibility and easy access.
- Standard base-to-terminal cable length is 5 m.

## 2 Excavating pit

- Excavate pit to dimensions specified in table below:

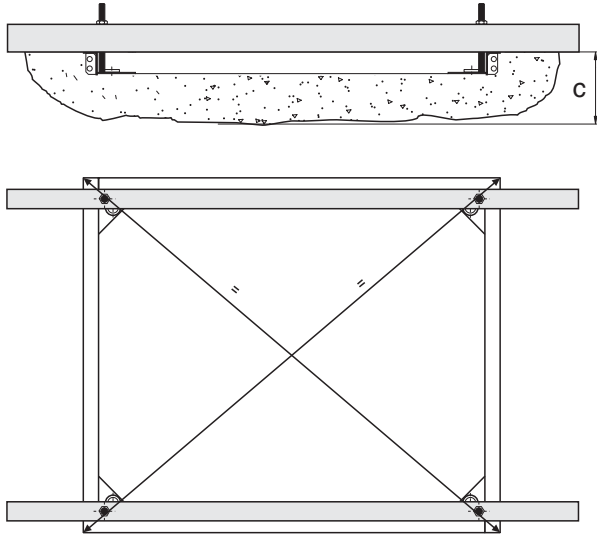
Considerations:

- Optimal drain location areas are depicted on dimensional drawing (see part 4).
- There are 2 possible cable conduit locations (see part 4).
- Cable conduit diameter min. 50 mm.
- Do not use right-angled pipe, but 2 x 45°.

Type	Weighing platform dim.		Pit dimensions			Frame dimensions		
	Width <sub>wp</sub>	Length <sub>wp</sub>	Width	Length	Depth (c)	Width (b)	Length (a)	Height
PFAx7x-DS	100	100	150	150	15	114	114	9
PFAx7x-D	125	100	175	150	15	139	114	9
PFAx7x-E	150	125	200	175	15	164	139	9
PFAx7x-ES	150	150	200	200	15	164	164	9
PFAx7x-G	200	150	250	200	15	214	164	9
PFAx7x-F	70-200	40-150	Width <sub>wp</sub> +50	Length <sub>wp</sub> +50	15	Width <sub>wp</sub> +14	Length <sub>wp</sub> +14	9

Dimensions in cm

### 3 Preparing framework

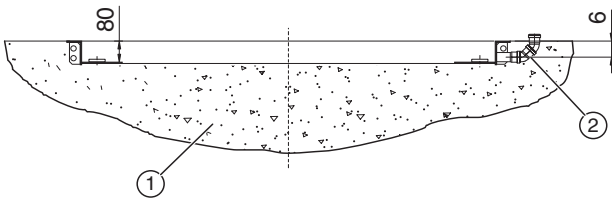


- Verify that the inside frame diagonal dimensions are equal.
- Fold out side wall anchors.
- Mount 4 x M10 threaded rods. The threaded rods are included in the scope of delivery.
- Fasten the threaded rods to the wooden frame using the nuts.
- Position frame into pit.
- Level Quick Pit exactly using the threaded rods.

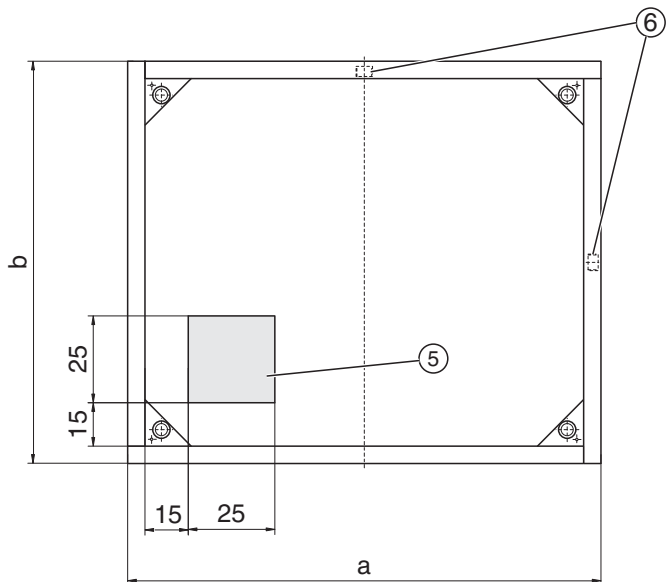
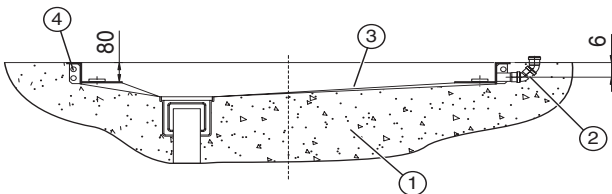
*Note:*  
The frame must be exactly levelled.

### 4 Dimension drawings

*Dry pit*



*Wet pit*

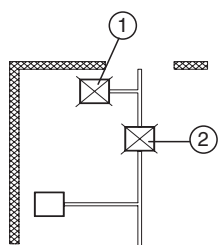


- 1 Concrete base, depth = approx. 15 cm
- 2 Cable conduit, two 45° pipes
- 3 Slope min. 4 %

- 4 Mounting possibility for iron rods as reinforcement
- 5 Drain area
- 6 2 possible cable conduit connections

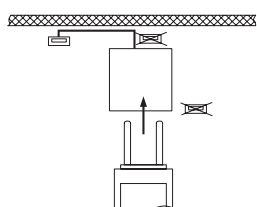
## 1 Wahl des Aufstellorts

### 1.1 Standort der Wägebrücke bestimmen



- Nicht in der Nähe von Türen (1) installieren.
- Nicht in verkehrsreichen Bereichen (2) installieren.
- Wägebrücke vor starken Luftbewegungen schützen.
- Tragfähigkeit des Grubenbodens:  
mind. 1500 kg / 25 cm<sup>2</sup>

### 1.2 Standort des Terminals bestimmen



- Terminal so aufstellen, dass es gut zu erreichen ist.
- Länge des Verbindungskabels für das Terminal: 5 m

## 2 Rohgrube herstellen

→ Rohgrube entsprechend dem Wägebrücken-Typ ausheben:

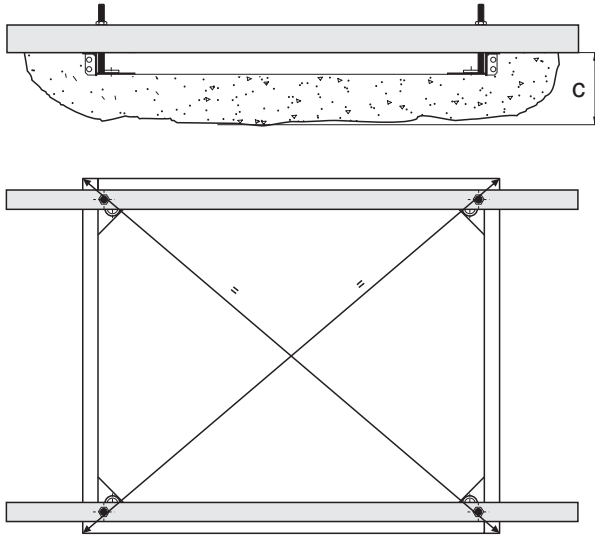
Folgende Punkte beachten:

- Die Position des Ablaufschachts den Maßzeichnungen entnehmen (siehe Abschnitt 4).
- Es gibt 2 mögliche Positionen, um das Verbindungskabel anzuschließen (siehe Abschnitt 4).
- Kabelkanaldurchmesser mind. 5 cm.
- Kein rechtwinkliges Rohr verwenden, sondern 2 x 45°.

Typ	Wägebrückenmaße		Grubenmaße			Rahmenmaße		
	Breite <sub>Wb</sub>	Länge <sub>Wb</sub>	Breite	Länge	Tiefe (c)	Breite (b)	Länge (a)	Höhe
PFAx7x-DS	100	100	150	150	15	114	114	9
PFAx7x-D	125	100	175	150	15	139	114	9
PFAx7x-E	150	125	200	175	15	164	139	9
PFAx7x-ES	150	150	200	200	15	164	164	9
PFAx7x-G	200	150	250	200	15	214	164	9
PFAx7x-F	70–200	40–150	Breite <sub>Wb</sub> +50	Länge <sub>Wb</sub> +50	15	Breite <sub>Wb</sub> +14	Länge <sub>Wb</sub> +14	9

Maße in cm

### 3 Vorbereitung des Rahmens



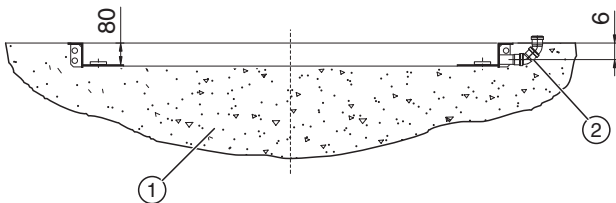
- Diagonale überprüfen.
- Seitliche Maueranker ausklappen.
- 4 x M10 Gewindestangen montieren.  
Die Gewindestangen sind im Lieferumfang enthalten.
- Gewindestangen mit den Muttern auf dem Holzrahmen befestigen.
- Rahmen in die Rohgrube einhängen.
- Quick Pit mit Hilfe der Gewindestangen genau nivellieren.

*Hinweis:*

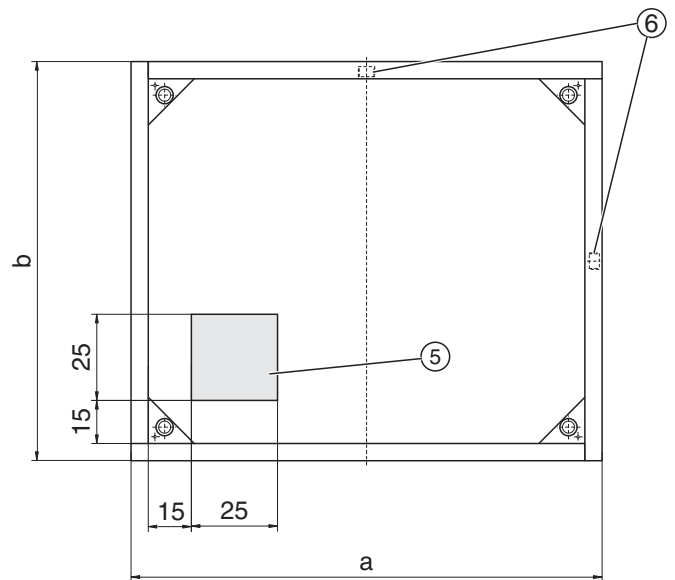
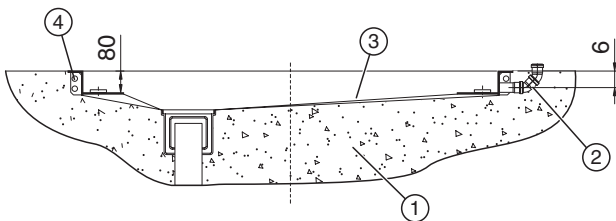
*Der Grubenrahmen muss exakt nivelliert werden!*

### 4 Maßzeichnungen

*Trockengrube*



*Nassgrube*

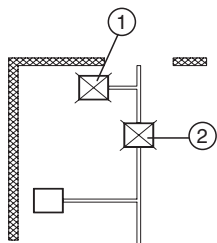


- 1 Betonsockel, ca. 15 cm tief
- 2 Kabelkanal, zwei 45°-Rohre
- 3 Mindestens 4 % Gefälle

- 4 Befestigungsmöglichkeit für Eisenstäbe zur Armierung
- 5 Bereich für den Ablauf
- 6 2 Anschlussmöglichkeiten Kabelkanal

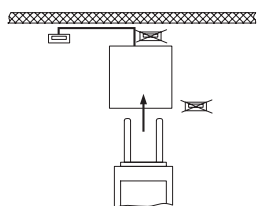
## 1 Déterminer l'emplacement

### 1.1 Déterminer l'emplacement de la plate-forme de pesage



- Eviter des zones situées à proximité de portes (1).
- Eviter les zones à trafic intense (2).
- Protéger la plate-forme de pesage des mouvements d'air importants.
- Capacité portante du fond de la fosse:  
min. 1500 kg / 25 cm<sup>2</sup>

### 1.2 Déterminer l'emplacement du terminal



- Sélectionner un emplacement pour le terminal qui offre une visibilité maximale et un accès aisé.

La longueur de câble standard entre la base et le terminal est de 5 m.

## 2 Creuser la fosse

- Creuser la fosse aux dimensions spécifiées dans le tableau ci-dessous.

Considérations:

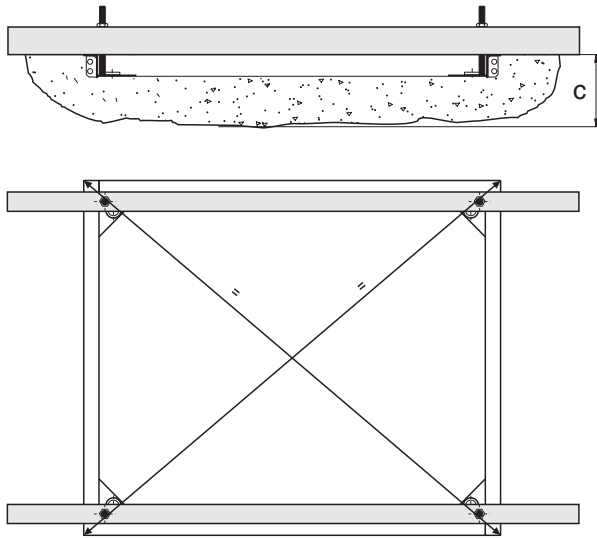
- Les zones optimales de placement des drains sont représentées sur le plan coté (voir partie 4).
- Il y a 2 emplacements possibles pour les conduits de câbles (voir partie 4).
- Diamètre du conduit à câbles min. 50 mm.
- N'utiliser pas de coudes à angle droit, mais 2 x 45°.

Type	Dimensions plate-forme		Dimensions fosse			Dimensions cadre		
	Largeur <sub>wb</sub>	Longueur <sub>pf</sub>	Largeur	Longueur	Prof. (c)	Largeur (b)	Longueur (a)	Haut.
PFAx7x-DS	100	100	150	150	15	114	114	9
PFAx7x-D	125	100	175	150	15	139	114	9
PFAx7x-E	150	125	200	175	15	164	139	9
PFAx7x-ES	150	150	200	200	15	164	164	9
PFAx7x-G	200	150	250	200	15	214	164	9
PFAx7x-F	70-200	40-150	Largeur <sub>pf</sub> +50	Longueur <sub>pf</sub> +50	15	Largeur <sub>pf</sub> +14	Longueur <sub>pf</sub> +14	9

Dimensions en cm



### 3 Préparer le cadre



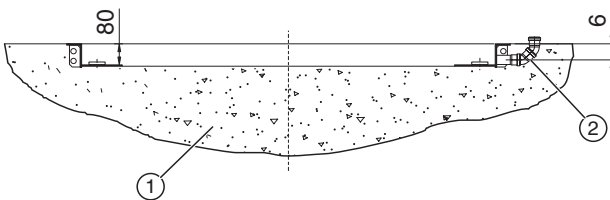
- Vérifier que les dimensions diagonales intérieures sont identiques.
- Déployer l'ancrage mural latéral.
- Monter les 4 tiges filetées M10.  
Les tiges filetées sont comprises dans la livraison.
- Fixer les tiges filetées avec les boulons sur le cadre en bois.
- Positionner le cadre dans la fosse.
- Mettre Quick Pit exactement à niveau à l'aide des tiges filetées.

*Note:*

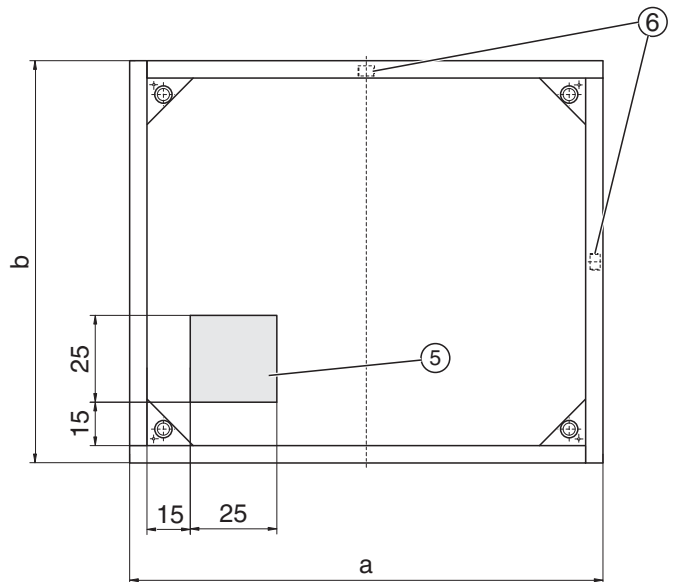
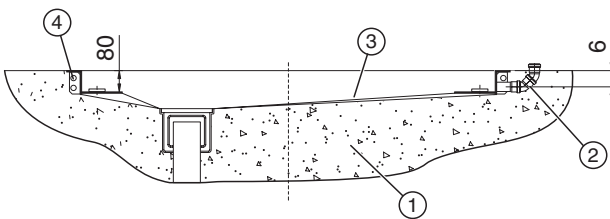
*Le cadre doit être mis exactement à niveau!*

### 4 Plan coté

*Fosse sèche*



*Fosse humide*

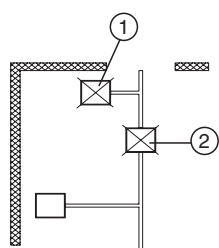


- 1 Base en béton, profondeur env. 15 cm
- 2 Conduit, deux coudes à 45°
- 3 Pente min. 4 %

- 4 Possibilité de fixation pour barres d'acier sur armature
- 5 Zone d'égouttage
- 6 2 emplacements possibles pour les conduits de câbles

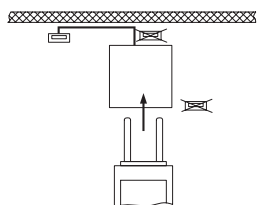
## 1 Determinación del emplazamiento

### 1.1 Determinación del emplazamiento de la plataforma de pesada



- Evitar las zonas cerca a las puertas (1).
- Evitar las zonas de mucho tráfico (2).
- Proteger la plataforma de pesada contra corrientes de aire fuertes.
- Capacidad de carga de la base del foso:  
mín. 1500 kg / 25 cm<sup>2</sup>

### 1.2 Determinación del emplazamiento del terminal



- Emplazar el terminal de modo que ofrezca máxima visibilidad y fácil acceso.
- Longitud del cable estándar base-terminal: 5 m

## 2 Excavación del foso

- Excavación del foso con las medidas especificadas en la tabla abajo.

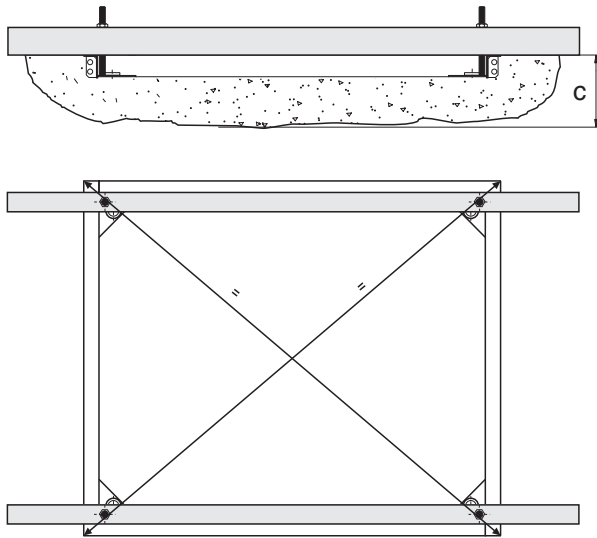
Observaciones:

- Las zonas de emplazamiento para drenaje se describen en el dibujo de medidas (ver parte 4)
- Hay 2 maneras de colocar el conducto para cables (ver parte 4).
- Diámetro del conducto para cables: mín. 50 mm.
- No utilizar tubería en ángulo recto, sino 2 x 45°.

Tipo	Medidas plataforma		Medidas del foso			Medidas del marco		
	Anchura <sub>pf</sub>	Longitud <sub>pf</sub>	Anchura	Longitud	Prof. (c)	Anchura (b)	Longitud (a)	Altura
PFAx7x-DS	100	100	150	150	15	114	114	9
PFAx7x-D	125	100	175	150	15	139	114	9
PFAx7x-E	150	125	200	175	15	164	139	9
PFAx7x-ES	150	150	200	200	15	164	164	9
PFAx7x-G	200	150	250	200	15	214	164	9
PFAx7x-F	70-200	40-150	Anchura <sub>pf</sub> +50	Longitud <sub>pf</sub> +50	15	Anchura <sub>pf</sub> +14	Longitud <sub>pf</sub> +14	9

Dimensiones en cm

### 3 Preparación del armazón



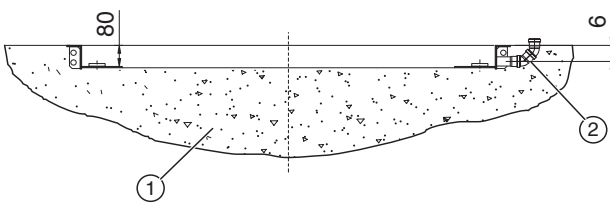
- Verificar que las medidas diagonales interiores del marco sean iguales
- Desplegar las patas laterales para empotrar.
- Montar las varas roscadas 4 x M10.  
Las varas roscadas se incluyen en el volumen de suministro.
- Fijar las varas roscadas con las tuercas en el armazón de madera.
- Emplazar el marco en el foso.
- Nivelar exactamente el Quick Pit con ayuda de las varas roscadas.

*Nota:*

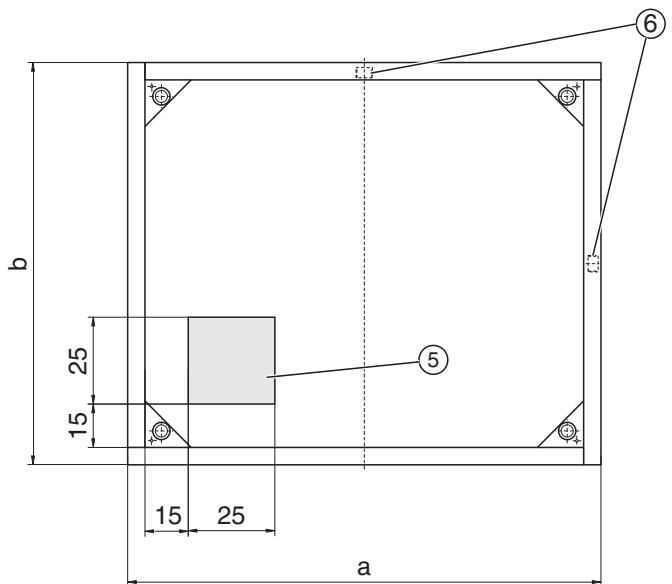
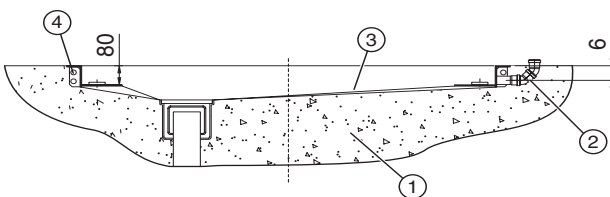
*El bastidor debe estar exactamente nivelado!*

### 4 Dibujo de medidas

*Foso seco*



*Foso húmedo*

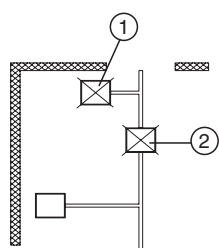


- 1 Base de concreto, prof. aprox. 15 cm
- 2 Conducto para cables, 2 x 45°
- 3 Plano inclinado mín. 4 %

- 4 Posibilidad de fijación de barras de hierro para la armadura
- 5 Zona de drenaje
- 6 2 maneras de colocar el conducto para cables

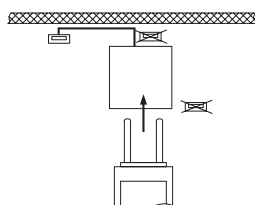
## 1 Determinazione della posizione d'installazione

### 1.1 Posizione d'installazione della piattaforma di pesata



- Evitare le zone vicine alle porte (1).
- Evitare le zone ad alto traffico (2).
- Proteggere il terminale da forti correnti d'aria.
- Capacità di portata del carico della base della fossa:  
min. 1500 kg / 25 cm<sup>2</sup>

### 1.2 Posizione d'installazione del terminale



- Disporre il terminale in modo da avere la massima visibilità e facilità d'accesso.

La lunghezza standard del cavo tra base e terminale è di 5 m.

## 2 Scavo della fossa

- Scavare la fossa con le dimensioni specificate nella seguente tabella:

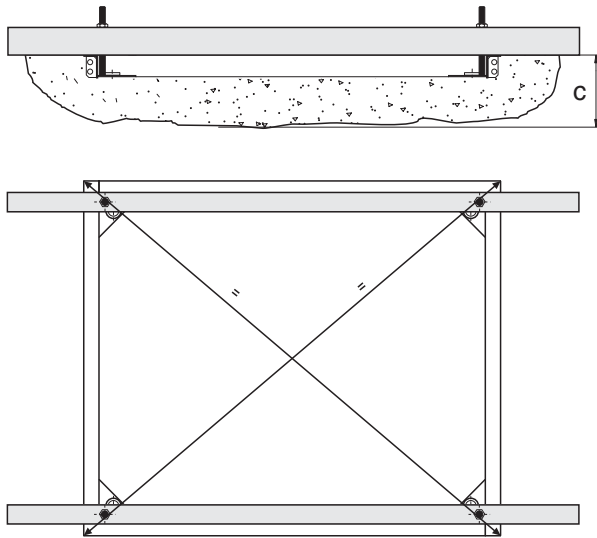
Considerazioni:

- Le zone per il posizionamento ottimale dello scarico dell'acqua sono mostrate sul disegno quotato (v. Parte 4).
- Le possibili posizioni per l'installazione del tubo per il cavo sono 2 (v. Parte 4).
- Diametro minimo del tubo per il cavo: 50 mm.
- Non usare tubi a gomito a 90°, ma 2 x 45°.

Tipo	Dimensione piattaforma		Dimensioni fossa			Dimensioni telaio		
	Largh. <sub>pf</sub>	Lungh. <sub>pf</sub>	Larghezza	Lungh.	Prof. (c)	Larghezza (b)	Lungh. (a)	Alt.
PFAx7x-DS	100	100	150	150	15	114	114	9
PFAx7x-D	125	100	175	150	15	139	114	9
PFAx7x-E	150	125	200	175	15	164	139	9
PFAx7x-ES	150	150	200	200	15	164	164	9
PFAx7x-G	200	150	250	200	15	214	164	9
PFAx7x-F	70-200	40-150	Largh. <sub>pf</sub> +50	Lungh. <sub>pf</sub> +50	15	Largh. <sub>pf</sub> +14	Lungh. <sub>pf</sub> +14	9

Dimensioni in cm

### 3 Preparazione del telaio



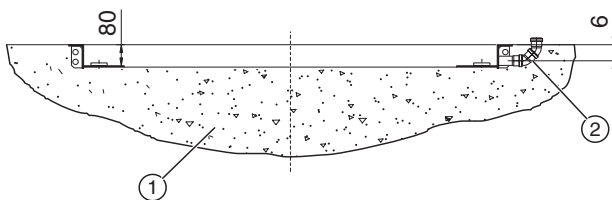
- Verificare che le lunghezze delle diagonali interne del telaio siano eguali.
- Ribaltare le staffe di ancoraggio a muro laterali.
- Installare 4 aste filettate M10.  
Le aste filettate sono contenute nella dotazione di fornitura.
- Fissare le aste filettate sul telaio di legno con gli appositi dadi.
- Posizionare il telaio nella fossa.
- Mettere accuratamente in bolla Quick Pit con l'ausilio delle aste filettate.

*Nota:*

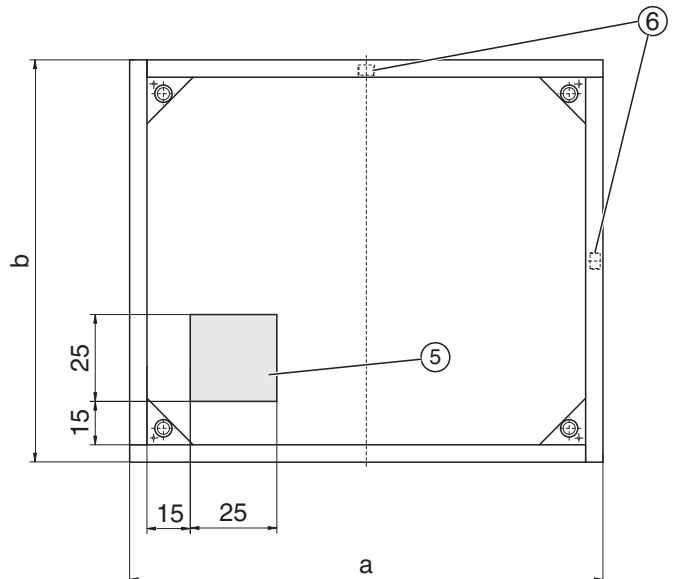
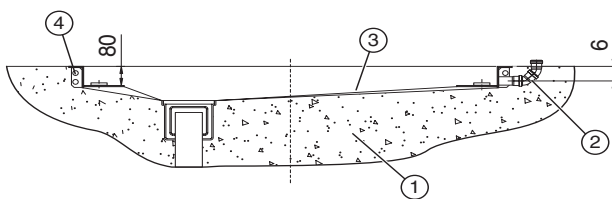
*Il telaio dev'essere in bolla!*

### 4 Disegno quotato

*Fossa secca*



*Fossa humida*

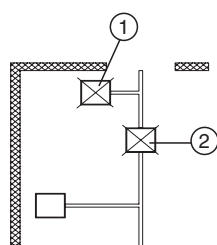


- 1 Base in cemento, profondità ca. 15 cm
- 2 Tubo cavo, 2 x 45°
- 3 Pendenza 4 % min.

- 4 Possibilità di fissaggio per barre di ferro a scopo di rinforzo
- 5 Zona per lo scarico dell'acqua
- 6 2 possibili posizioni per l'installazione del tubo cavo

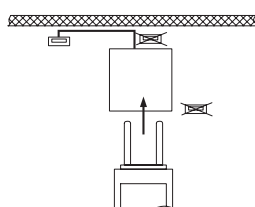
## 1 Bepaal de locatie

### 1.1 Bepaal de locatie van het weegplateau



- Vermijd locaties in de buurt van deuren (1).
- Vermijd locaties met veel verkeer (2).
- Bescherm het weegplateau tegen sterke lucht-bewegingen.
- Draagvermogen van de putbodem:  
mind. 1500 kg / 25 cm<sup>2</sup>

### 1.2 Bepaal de locatie van de terminal



- Plaats de terminal zodanig dat u een goed overzicht en gemakkelijk toegang hebt.

Standaardlengte van kabel tussen plateau en terminal:  
5 m

## 2 Graaf de put uit

- Graaf de put volgens de afmetingen in de ondertaande tabel uit.

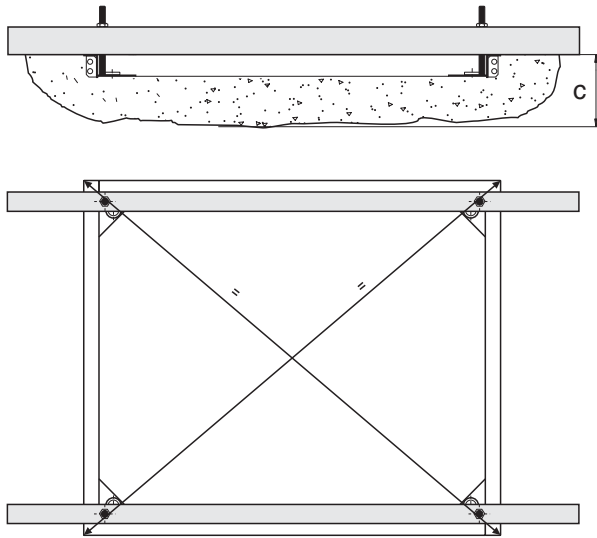
Voorwaarden:

- Locaties voor de afvoer zijn afgebeeld op de maatschets (zie deel 4)
- Er zijn 2 locaties mogelijk voor het kabelkanaal (zie deel 4).
- Diameter kabelkanaal min. 50 mm.
- Gebruik geen haakse bocht, maar 2 x 45°.

Type	Afmetingen weegplateau		Afmetingen put			Afmetingen frame		
	Breedte <sub>wp</sub>	Lengte <sub>wp</sub>	Breedte	Lengte	Diepte (c)	Breedte (b)	Lengte (a)	Hoogte
PFAx7x-DS	100	100	150	150	15	114	114	9
PFAx7x-D	125	100	175	150	15	139	114	9
PFAx7x-E	150	125	200	175	15	164	139	9
PFAx7x-ES	150	150	200	200	15	164	164	9
PFAx7x-G	200	150	250	200	15	214	164	9
PFAx7x-F	70-200	40-150	Breedte <sub>wp</sub> +50	Lengte <sub>wp</sub> +50	15	Breedte <sub>wp</sub> +14	Lengte <sub>wp</sub> +14	9

Afmetingen in cm

### 3 Bereid het frame voor



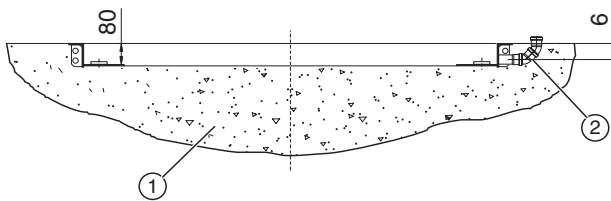
- Controleer of de diagonale binnenmaten van het frame gelijk zijn.
- Klap de muurankers aan de zijkant uit.
- Breng 4 x M10 draadstangen aan. De draadstangen zijn bij de levering inbegrepen.
- Bevestig de draadstangen met de moeren aan het houten frame.
- Plaats het frame in de put.
- Lijn de frame met behulp van de draadstangen nauwkeurig horizontaal uit.

*Opmerking:*

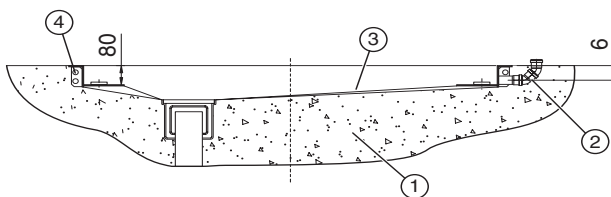
Het frame moet nauwkeurig waterpas staan!

### 4 Maatschets

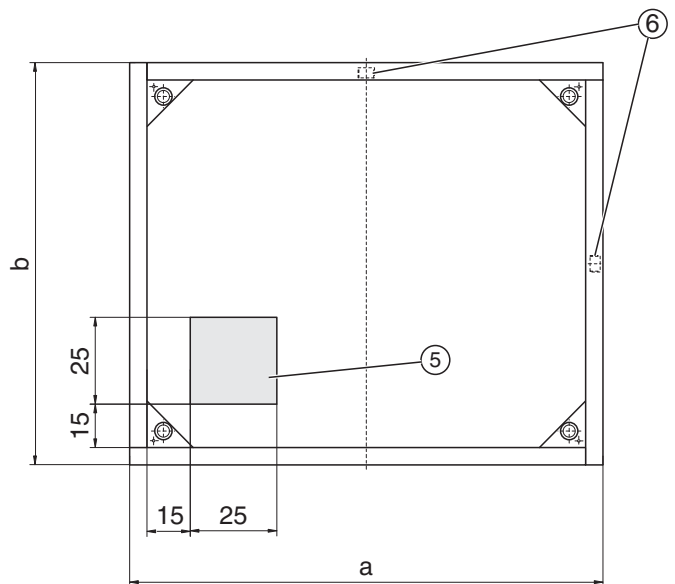
*Droge put*



*Natte put*



- 1 Betonsokkel, ca. 15 cm diep
- 2 Kabelkanaal, 2 x 45°
- 3 Afschot 4 % min.



- 4 Bevestigingsmogelijkheid voor metalen staven ter versterking
- 5 Locatie voor afvoer
- 6 2 x aansluitmogelijkheid kabelkanaal



*\*22015843B\**

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