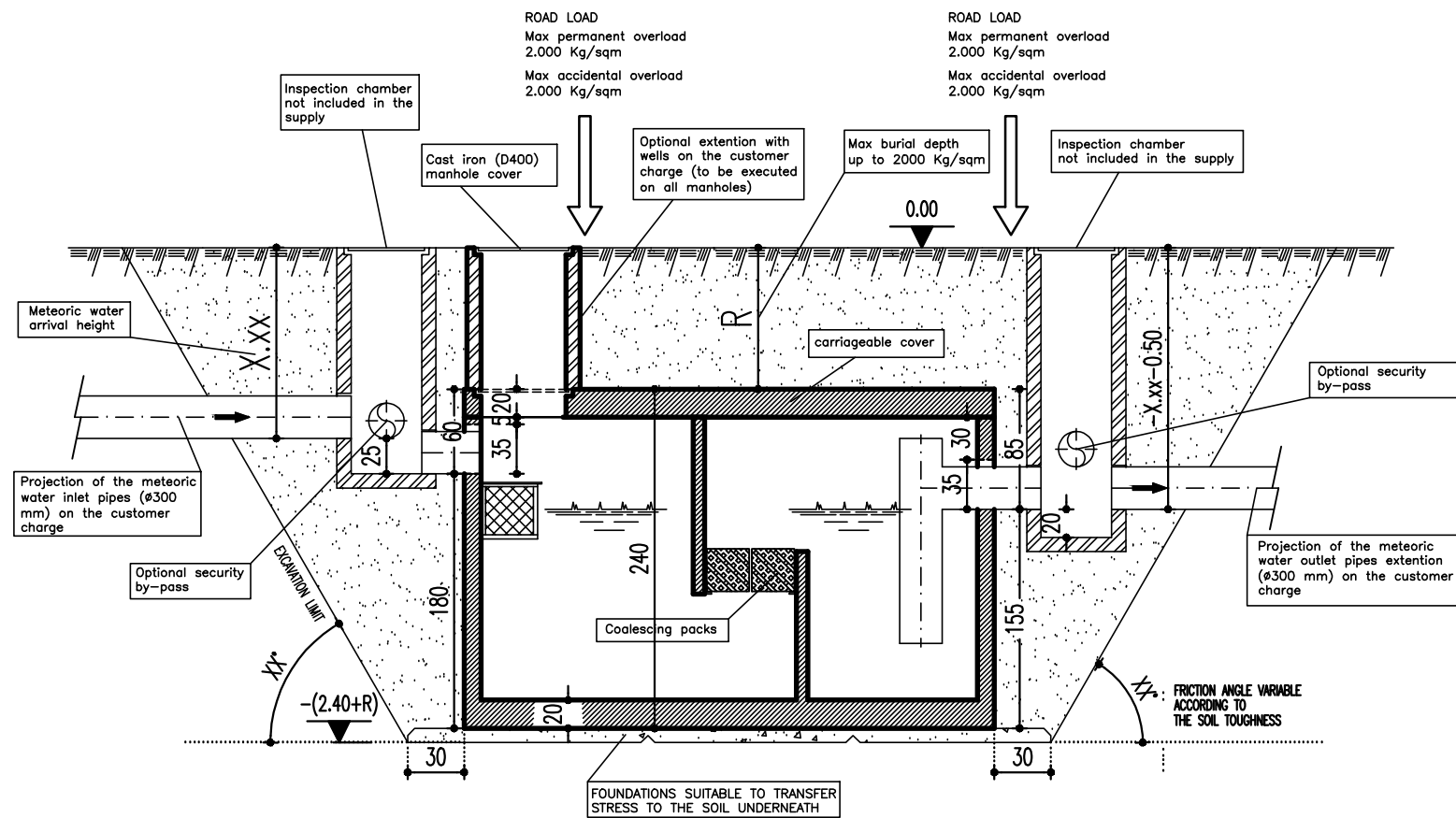


## EXPLANATORY SECTION



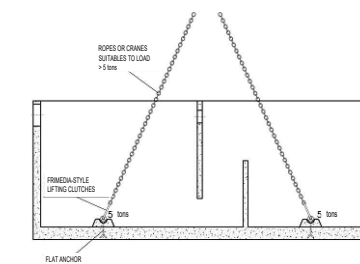
## DIRECTIONS

- WASTEWATER SUPPOSED ARRIVAL HEIGHT EQUAL TO  $-X.XX$
- THE HEIGHT OF THE TANK AS WELL AS THAT ONE OF THE DRAINAGE WELL VARY TO THE SAME EXTENT OF THE WASTEWATER ARRIVAL HEIGHT
- 0.00 HEIGHT MUST BE CONSIDERED AS RELATED TO THE SIZE OF THE DESIGN CHART ALONGSIDE
- BOTH INLET AND OUTLET PVC PIPES, AS SHOWN BY THE DESIGN CHART ALONGSIDE, ARE ON THE CUSTOMER CHARGE
- THE EXTENT OF EXCAVATION EXCEEDS BY 30 CM THE PLANT SIZE
- INLET AND OUTLET PVC CONNECTION PIPES ARE ON THE CUSTOMER CHARGE
- FOUNDATIONS MUST BE BACKFILLED BY SAND AND STONES
- THE FACILITIES MUST BE TOTALLY BURIED. THE INSTALLATION HAS TO GUARANTEE FLOATING AND SEDIMENTED MATERIALS TO BE PERIODICALLY REMOVED. IT IS WORTHWHILE TO ASK FOR SPECIALIZED ASSISTANCE TO CHOOSE THE MOST SUITABLE BURIAL OPTION FOR THE TANK
- MAX BURIAL DEPTH HAS TO BE ASSESSED ACCORDING TO 2000 KG/SQM MAXIMUM PERMANENT OVERLOAD
- IT IS RECOMMENDED THAT THE CUSTOMER ASKS FOR QUALIFIED TECHNICAL SUPPORT TO KNOW ABOUT THE STANDARDS REQUIRED TO ALLOW THE PLANT'S COVER AREA FOR BOTH CARRIAGEABLE AND PEDESTRIAN USE. PAY ATTENTION PLEASE TO LAW RESTRICTIONS ABOUT DISTANCES FROM BOTH THE DRINKING WATER SUPPLY PIPES AND THE FOUNDATIONS WALLS. THE TANK CAN'T BE BURIED IN LANDSLIDE-SUBJECTED OR SLOPING AREAS IN THE WHICH CASE IT IS CONVENIENT TO HEAR THE VIEW OF A GEOLOGIST OR OTHER SPECIALIST WHO KNOWS ABOUT THE AREA HYDROLOGICAL AND MORPHOLOGICAL CHARACTERISTICS. HOWEVER, WHETHER THE ACTUAL LOAD DIFFERS FROM THE EXPECTED ONE, A FURTHER PROTECTION STRUCTURE HAS TO BE ARRANGED ABOVE ACCORDING TO THE APPOINTED TECHNICIAN CALCULATIONS. IN PRESENCE OF GROUNDWATER, THE APPOINTED TECHNICIAN HAS TO ARRANGE SUITABLE MEASURES (ANCHORING AND BLOCKING) TO PREVENT THE WATER FROM LIFTING UP THE PLANT OVER TIME
- IT IS RECOMMENDED THAT THE CUSTOMER ARRANGES A BYPASS PIPE TO HANDLE FLOW-RATES EXCEEDING THE EXPECTED ONE.

## MOVEMENT AND LOAD

### Movement

To move DEPOIL PC, FRIMEDIA from HALFEN is the required quick lifting system.



The FRIMEDIA lifting system consists of flat steel anchors, recess formers and lifting clutches. The design of the lifting clutches and anchors allows for loads in any direction.

Each element which the plant consists of must be moved separately from the other ones. Each element is provided with 4 flat anchors which are conveniently located in order to keep the load balanced. In the cover they have been placed on the surface while in the tank they have been placed on the bottom. For each element (tank + cover), the related manual closing clutches are required to feature 7,5 tons operating capacity. This lifting system is the most familiar to the movement of reinforced concrete prefabricated facilities. It is recommended to make sure that the plant is empty before moving.

### WARNING

For lifting either for moving or transportation, it is recommended to ask for the assistance of experienced personnel or to hire specialized companies.

### Loading onto trucks

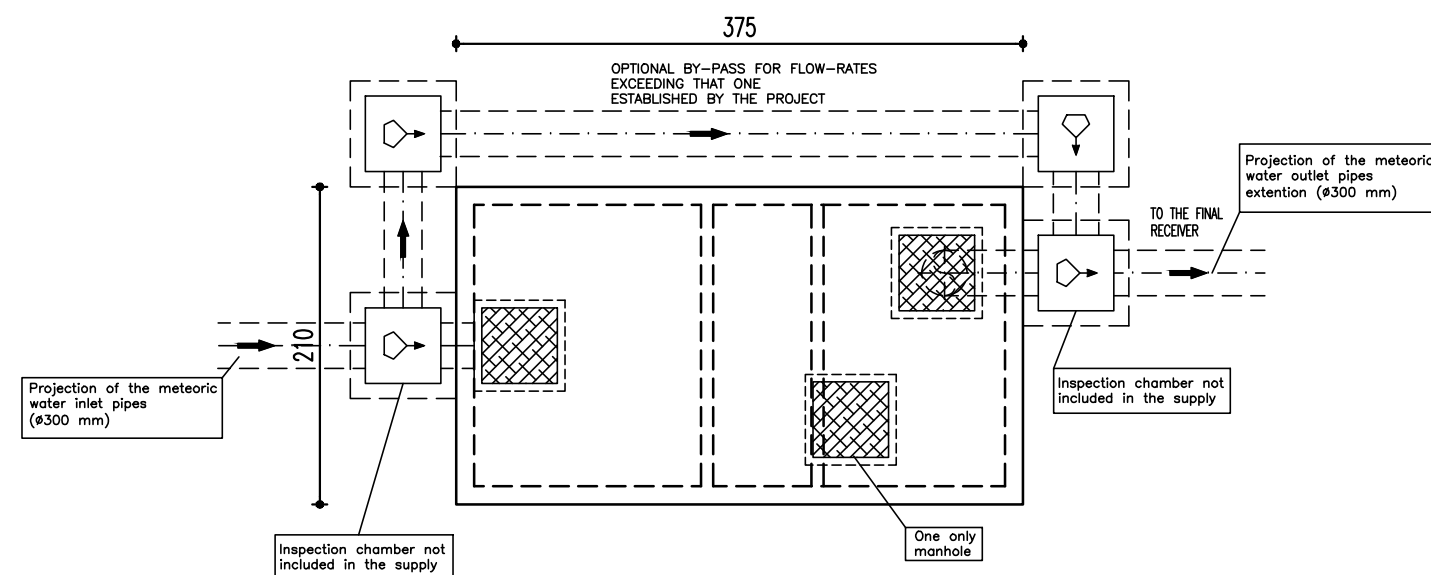
Overhead type loaders as well as cranes and any other lifting facilities can suit the purpose of moving the plant as long as they have the lifting capacity required from the plant technical specifications and ropes or chains are tied up to the plant hooks.

Loading onto trucks must be carried out from top. Despite the fact that the facility is exceptionally strong and shock resistant, it is recommended to prevent it from beating against blunt objects or sharp edges during loading operations and transportation, because damages may occur even though they may be invisible to the naked eye. Furthermore, during the transportation, it is recommended to block the facility by slings.

### Storage

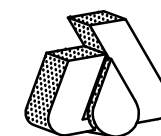
The facility can be stored in the open as long as the surface which it is leaned on is flat and roughness-free because unexpected sharp edges may damage to it.

## COVER PLAN



TANK WEIGHT = 11,50 t  
COVER WEIGHT = 3,80 t  
TOTAL WIGHT = 15,30 t

MAX PERMANENT OVERLOAD 2,00 tons/sqm  
MAX ACCIDENTAL OVERLOAD 2,00 tons/sqm



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## PROJECT

METEORIC WATER TREATMENT PLANT  
DEPOIL PC100A  
INSTALLATION AND TRANSPORTATION SCHEME

DATE 13/09/'16	DESIGN AMBRIOLA
REFERENCE PC100A-DEPL	CONTROL CE