

COMMUNITY PLUMBING CHALLENGE INDIA 2015

BRIEF ONE PRESENTATION

**BASQUE
TEAM**
FP EUSKADI



The following presentation gathers the proposal that the Basque Team came up with for the Community Plumbing Challenge India 2015.

This proposal would not have been able to have been possible without the collaboration of the following centers and institutions.

Tknika
 LH-RAKO IKERKETA ETA BERRIKUNTZA APLIKATURAKO ZENTROA
 CENTRO DE INVESTIGACIÓN E INNOVACIÓN APLICADA PARA LA FP
 CENTRE FOR INVESTIGATION AND APPLIED INNOVATION IN VET

Fp
EUSKADI
 LANBIDE HEZIKETA



EUSKO JAURLARITZA
GOBIERNO VASCO

HEZKUNTZA, HIZKUNTZA POLITIKA
 ETA KULTURA SAILA
 Lanbide Heziketako Sailburuordetza

DEPARTAMENTO DE EDUCACIÓN,
 POLÍTICA LINGÜÍSTICA Y CULTURA
 Viceconsejería de Formación Profesional

BASQUE COUNTRY

LOCATION



HOME TO 2,189 MILLION PEOPLE
SURFACE AREA OF 7,234 SQ KM
ONE OF THE OLDEST LANGUAGES IN EUROPE: EUSKERA

BASQUE TEAM

MEMBERS

DANIELA ROJAS

Graphic Designer
Studies : Ceinpro

Her jobs includes transfereing the data and presents them in a different layout



BASQUE TEAM

MEMBERS



KEVIN SANDE

Mason

Studies: IES Construcción BHI &
CIFP Aretxabaleta

Will do all of the masonry work
that the job requires

BASQUE TEAM

MEMBERS

RUBEN GARCIA

Plumber

Studies at: Tolosaldea

Takes care of all of the plumbing
that goes into the project



BASQUE TEAM

MEMBERS



PAU VERDAGUER

Engineer

Studies at: Usurbil

In charge of the engineering portion of the challenge. As well as keeping track of the memory

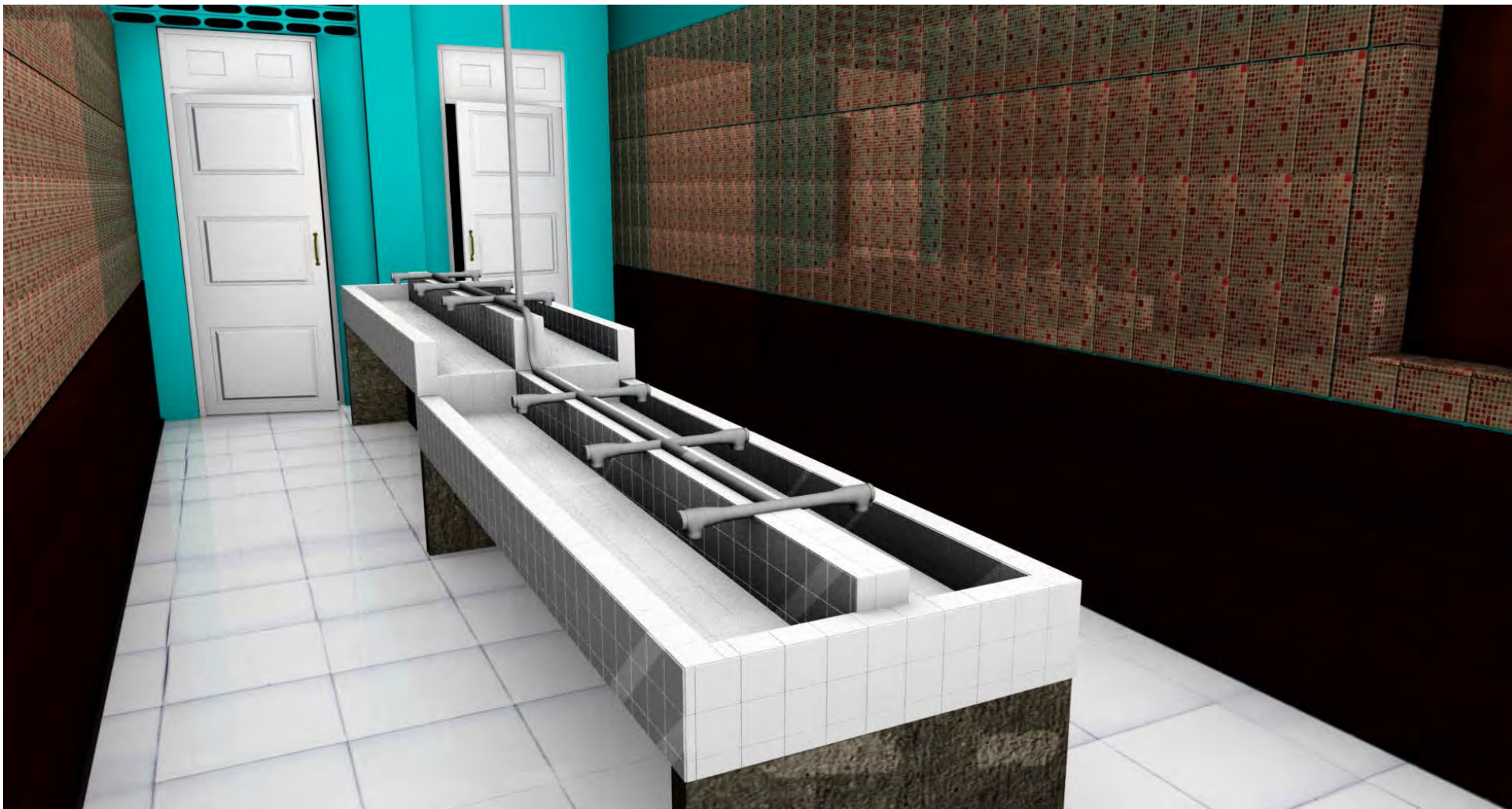
PROPOSAL

CURRENT FACILITY



PROPOSAL

OUR PROPOSAL



PROPOSAL

DESIGN SOLUTION

THE NEW FACILITY WILL BE

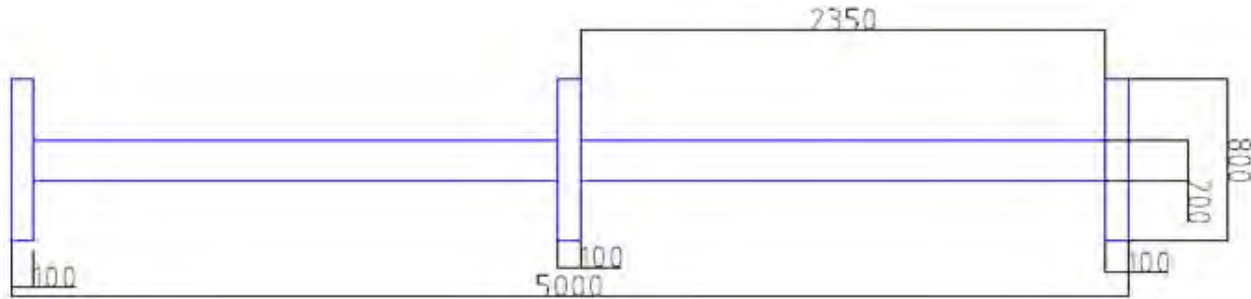
EASY

CHEAP

REPLICABLE

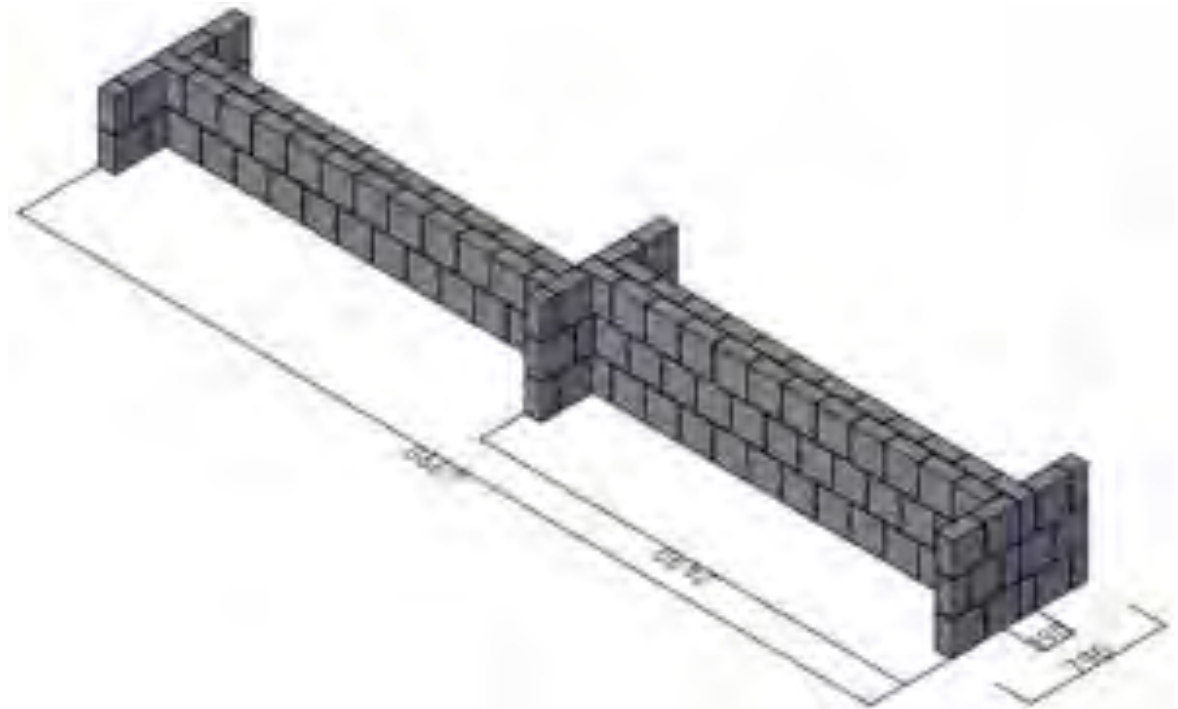
PROPOSAL

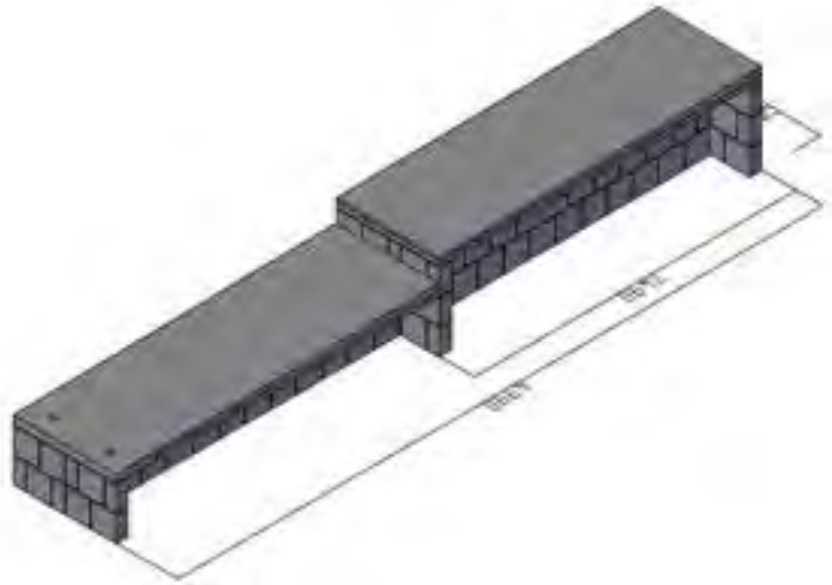
BUILDING WORKS



FIRST WE ARE GOING TO BUILD THE HANDWASH IN THE AVAILABLE SPACE

IT WILL BE A 5M LONG STRUCTURE WITH DOUBLE THE HEIGHT TO SUPPORT THE HANDWASH

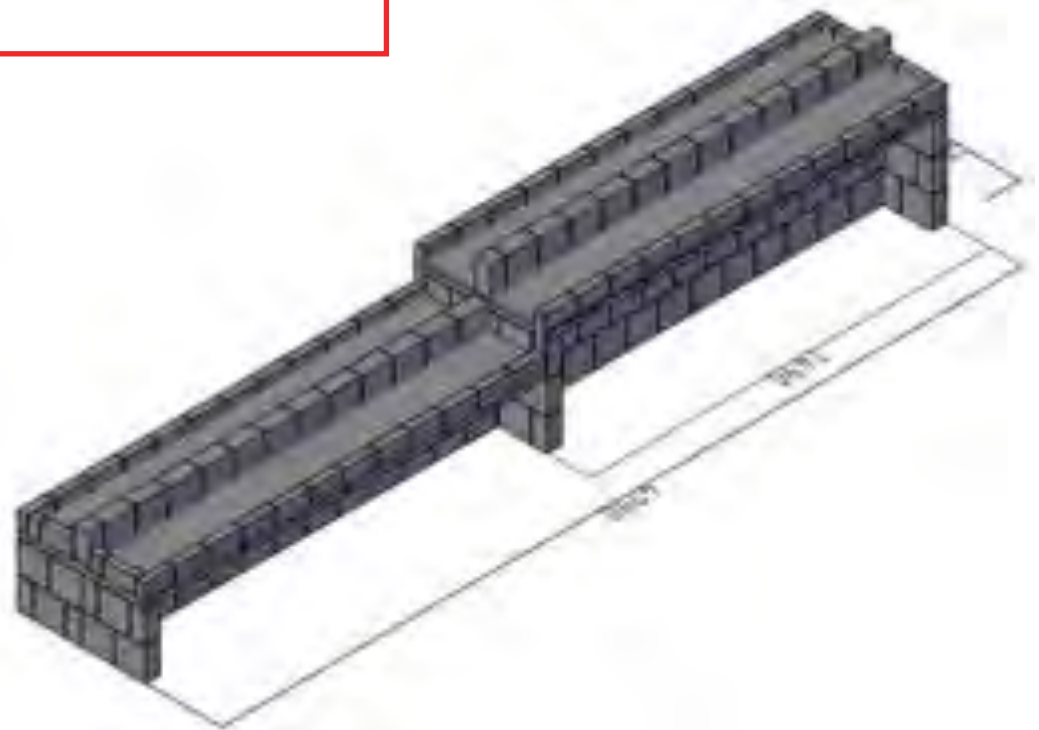




OVER THIS STRUCTURE WE ARE GOING TO BUILD A SURFACE WITH INCLINATION TO DRAIN WATER

WE WILL BUILD A CENTRAL PARTITION TO SUPPORT THE FAUCETS

THIS WILL BE THE SINK OF THE HANDWASH

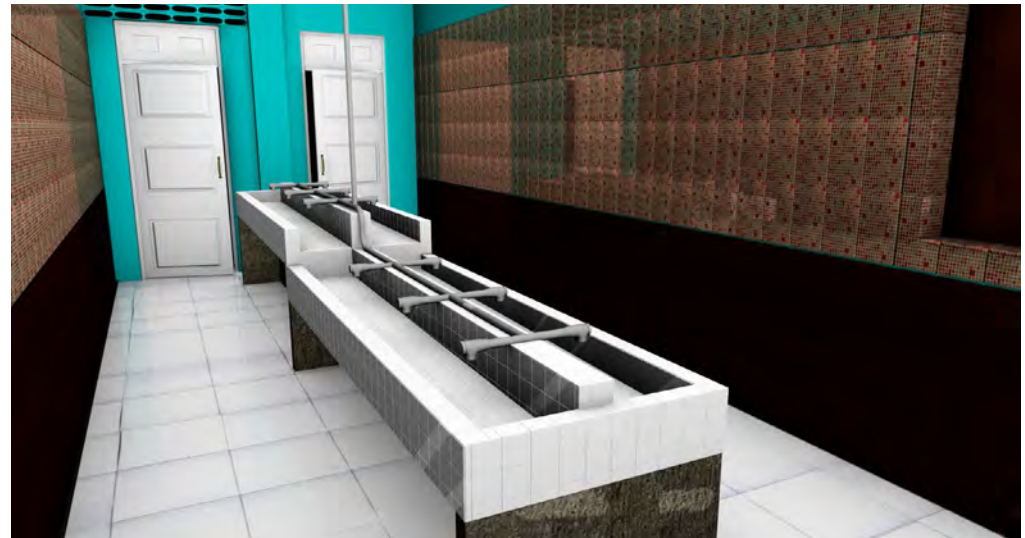


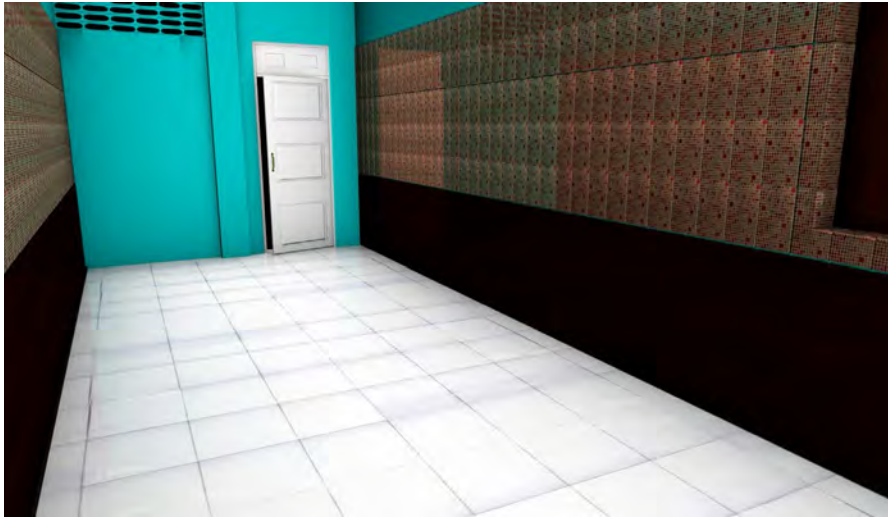
FINALLY WE WILL TILE ALL THE SURFACE TO IMPROVE THE WATER FLOWING

AS COMPLEMENTARY WORK WE WILL PUT

AN ADDITIONAL DOOR

**BUILD AN ACCESS RAMP
FOR REDUCED MOBILITY
PEOPLE**







PROPOSAL

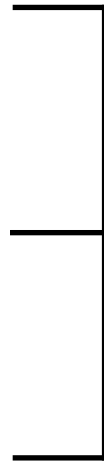
BIO SAND FILTER

FILTERS THE WATER AND BECOMES DRINKABLE THROUGH

STONES

GRAVEL

SAND



TANK



PROPOSAL

TANKS

BIO SAND FILTER

2000 L



IN
OUT

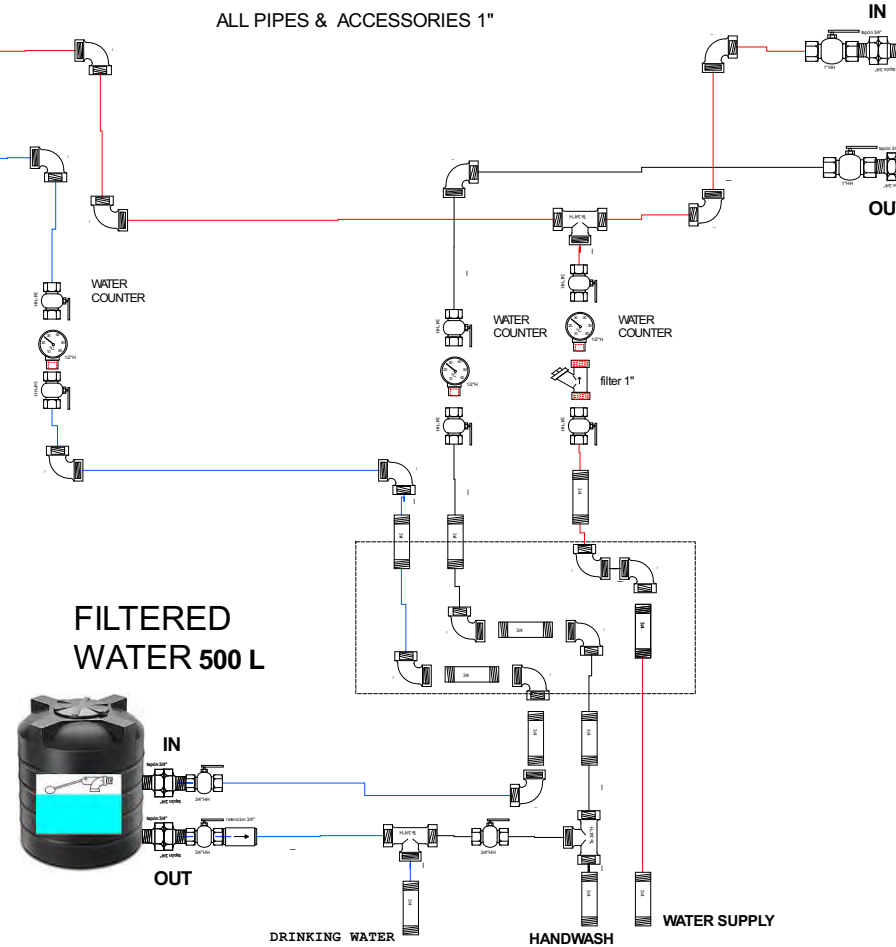
MAIN TANK

5000 L



IN
OUT

ALL PIPES & ACCESSORIES 1"



FILTERED WATER

500 L



IN
OUT

DRINKING WATER

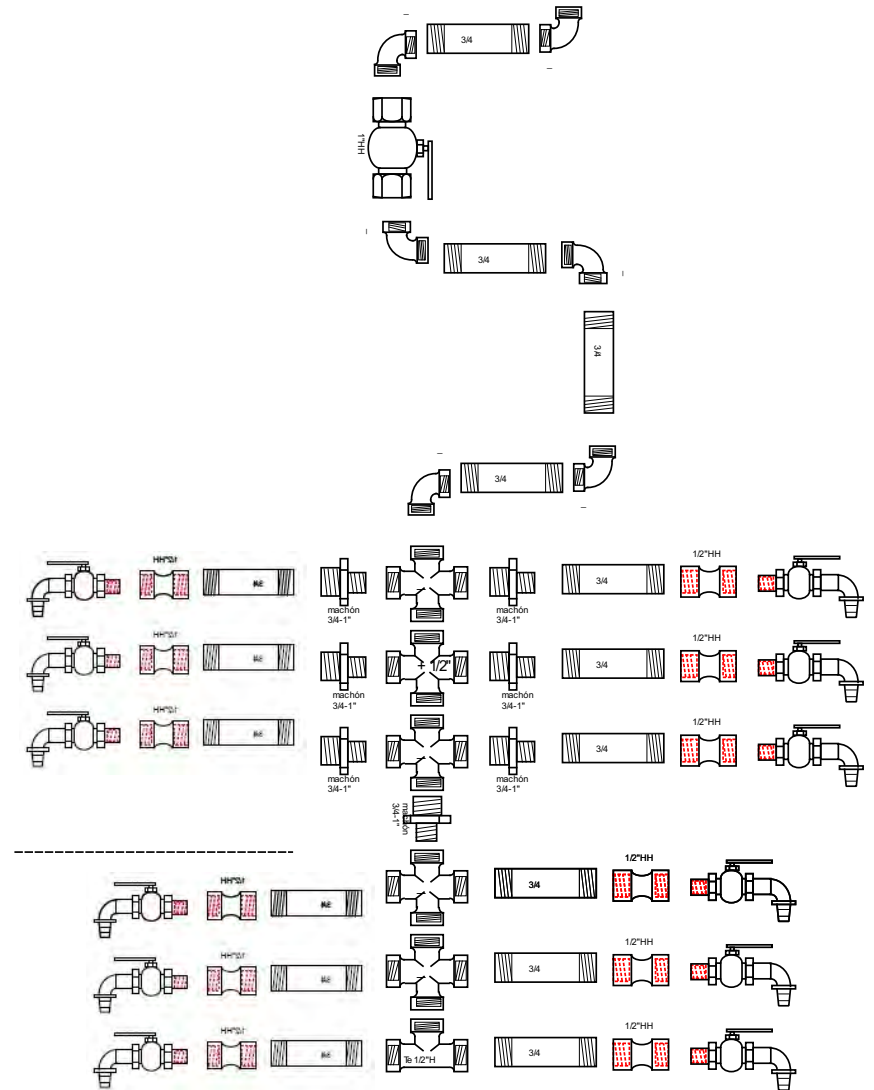
HANDWASH

WATER SUPPLY

PROPOSAL

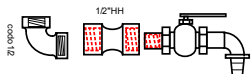
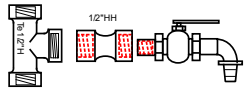
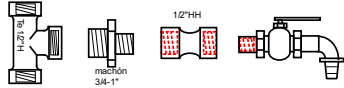
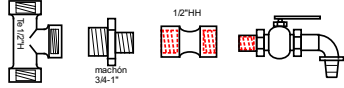
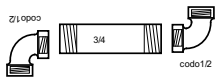
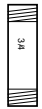
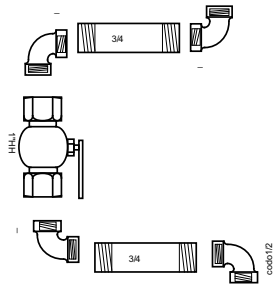
NON DRINKABLE WATER FACILITY

12 TAPS FOR THE HANDWASH



PROPOSAL

DRINKABLE WATER FACILITY



**4 TAPS
AN ADDITIONAL ONE**

PROPOSAL

PLUSES

ALL THE TAPS WILL BE TEMPORIZED



THE TAPS FOR DRINKING, WILL BE INSTALLED BACKWARDS

