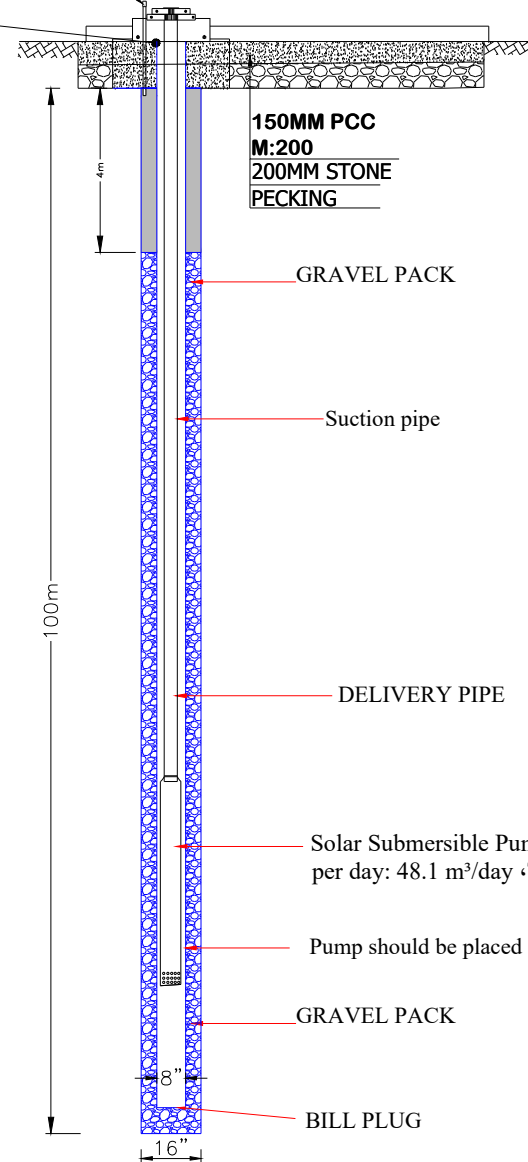


WELL SECTION

PVC Pipe 63mm
for pouring of
Gravel

WELL
CASING



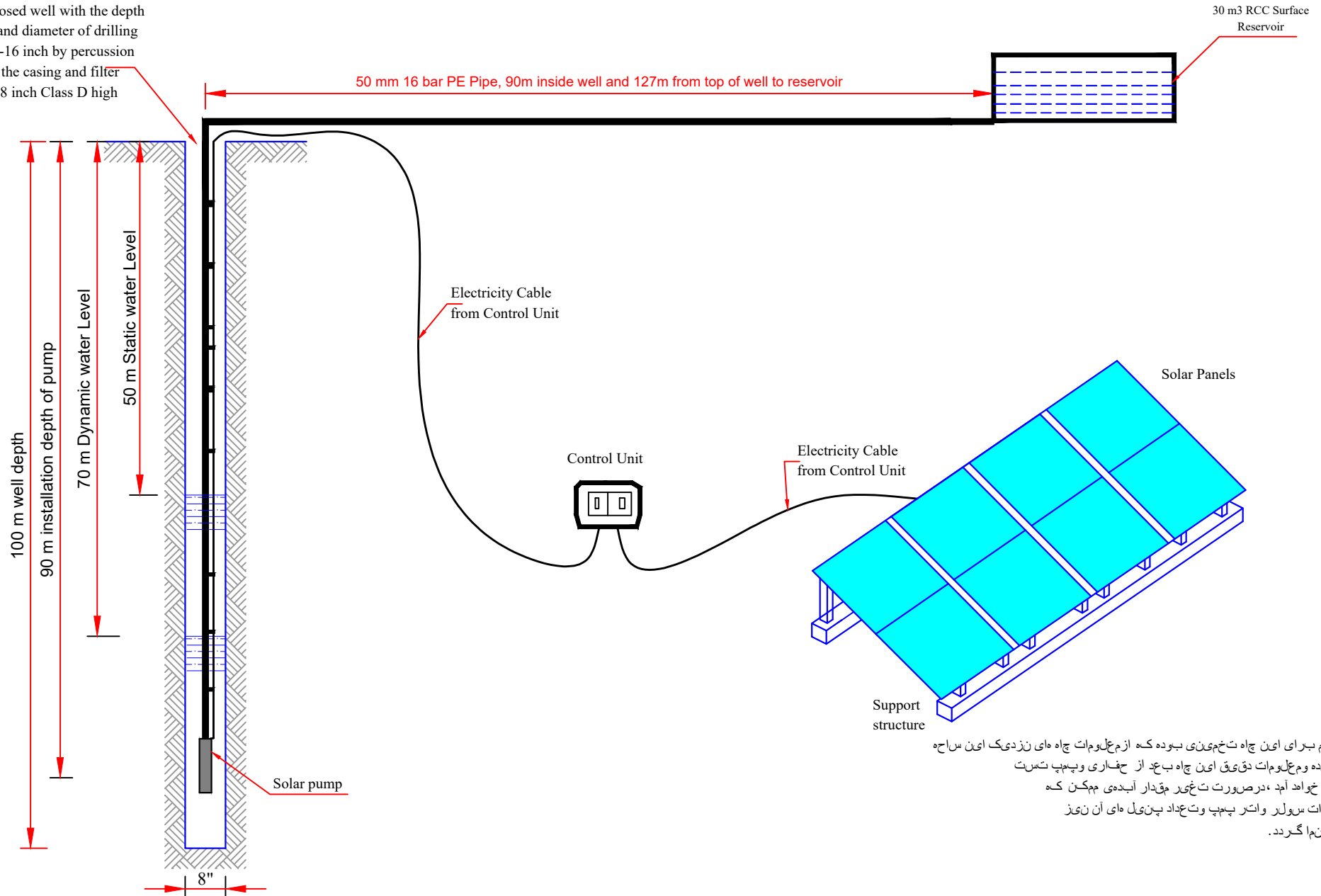
Notes

- 1-Well designed by WTSAN department.
- 2-The working pressure for pipes and valves will be 20 bar (290 PSI)
- 3- If the ground stratum are made of bed rocks it no need for installation of casing pipes. if the stratum are made of Loss soil it should be stablized by installation casing pipes.
- 4-Each drilled strata depth should be noted and soil sample should be kept in a sample box separately .
- 5-Pump test for 8 hours.
- 6-the depth of filter pipe has considered based on the previous experience . the true depth will be determine after well practical drilling.

MEDAIR WASH MEDAIR	SURVEYED BY	MEDAIR Engineering Dep	CHECKED BY	Eng Obaidullah Muneeb	SCALE	1:xx	SHEET NO. 1/2	PROVINCE	Urozgan	PROJECT NAME	Solar powered system+ Reservoir+ Distribution system
	DESIGNED BY	Eng Obaidullah Muneeb	REVIEWED BY	Conner Wingerter	DATE	2023/11/27		DISTRICT	Dehrawud	WASH Project	
	DRAWN BY	Eng Obaidullah Muneeb	APPROVED BY	Conner Wingerter	DRAWING NO			VILLAGE	Anarjoy	DRAWING TITLE	WELL SECTION

Typical Site plan of Solar pump system

New proposed well with the depth of 100 m and diameter of drilling will be 12-16 inch by percussion machine , the casing and filter should be 8 inch Class D high quality



نوٹ:
تمام ارقام برای این چاه تخمینی بوده که از عملومات چاه های نزدیک این ساحه اخذ گردیده وم عملومات دقیقی این چاه بعد از حفاری وپمپ تست آن بدست خواهد آمد ، در صورت تغییر مقدار آبدهی ممکن که در مشخصات سولر واتر پمپ وتعداد پینیل های آن نیز تغییر رونما گردد.

MEDAIR WASH MEDAIR	SURVEYED BY	MEDAIR Engineering Dep	CHECKED BY	Eng Obaidullah Muneeb	SCALE	1:xx	SHEET NO. 2/2	PROVINCE	Urozgan	PROJECT NAME	Anarjoy solar powered pipe scheme
	DESIGNED BY	Obaidullah Muneeb	REVIEWED BY	Conner Wingerter	DATE	2023/11/27		DISTRICT	Dehrawud	DRAWING TITLE	Site Plan of solar pump and Tube well
	DRAWN BY	Obaidullah Muneeb	APPROVED BY	Conner Wingerter	DRAWING NO.			VILLAGE	Anarjoy		