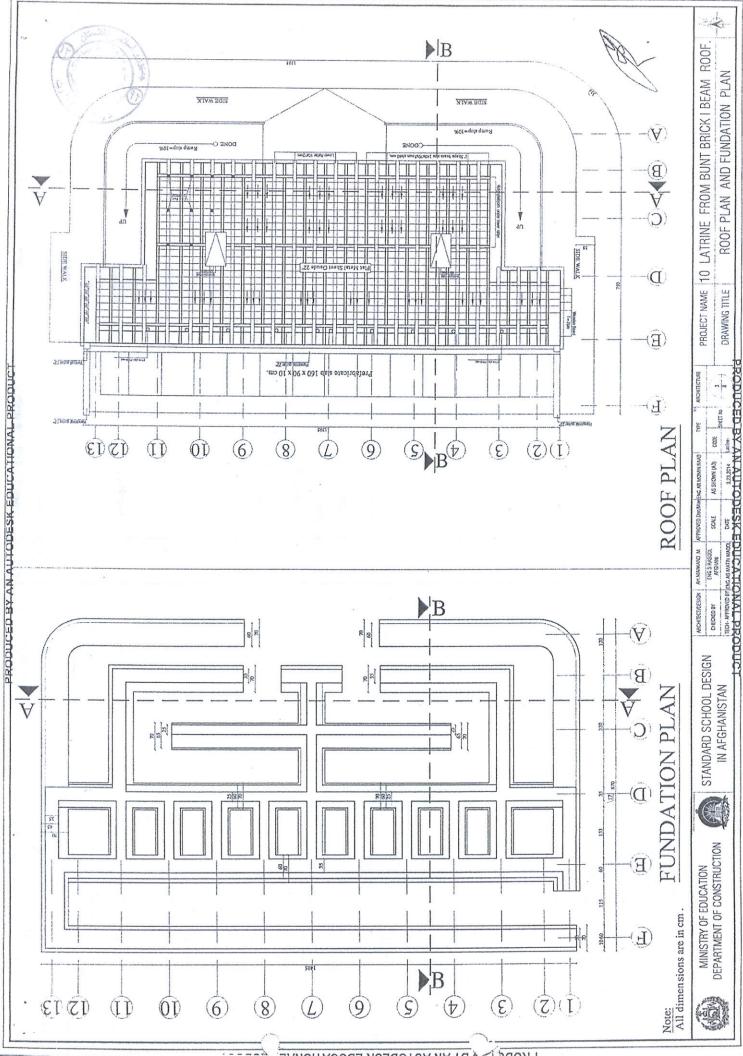
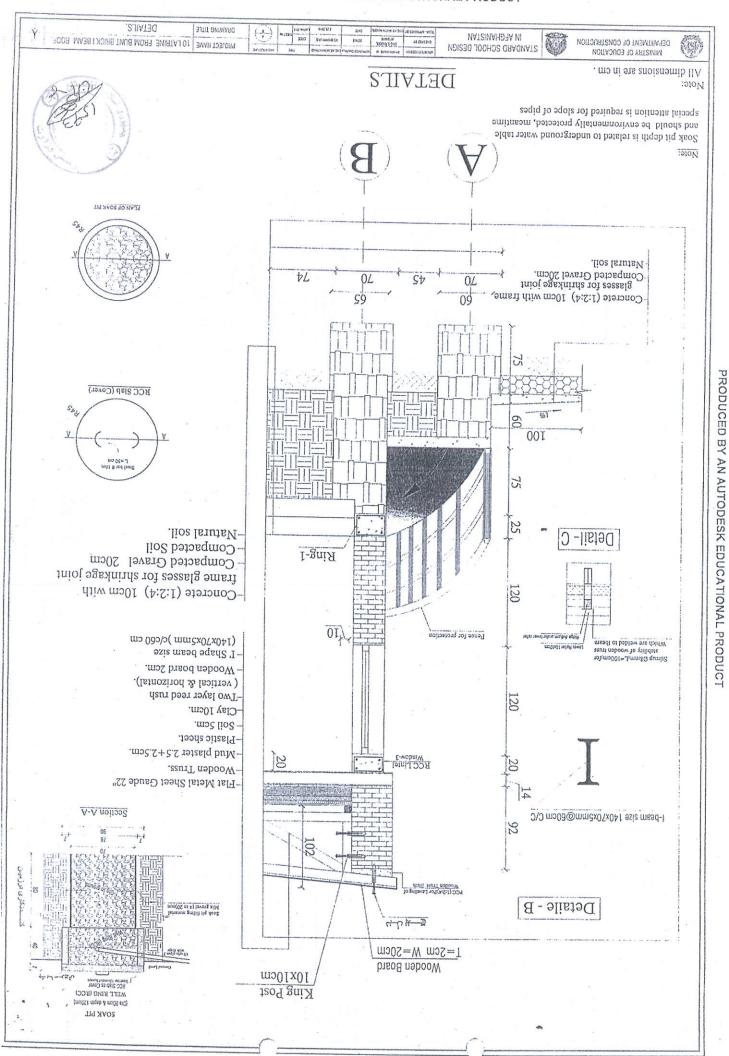
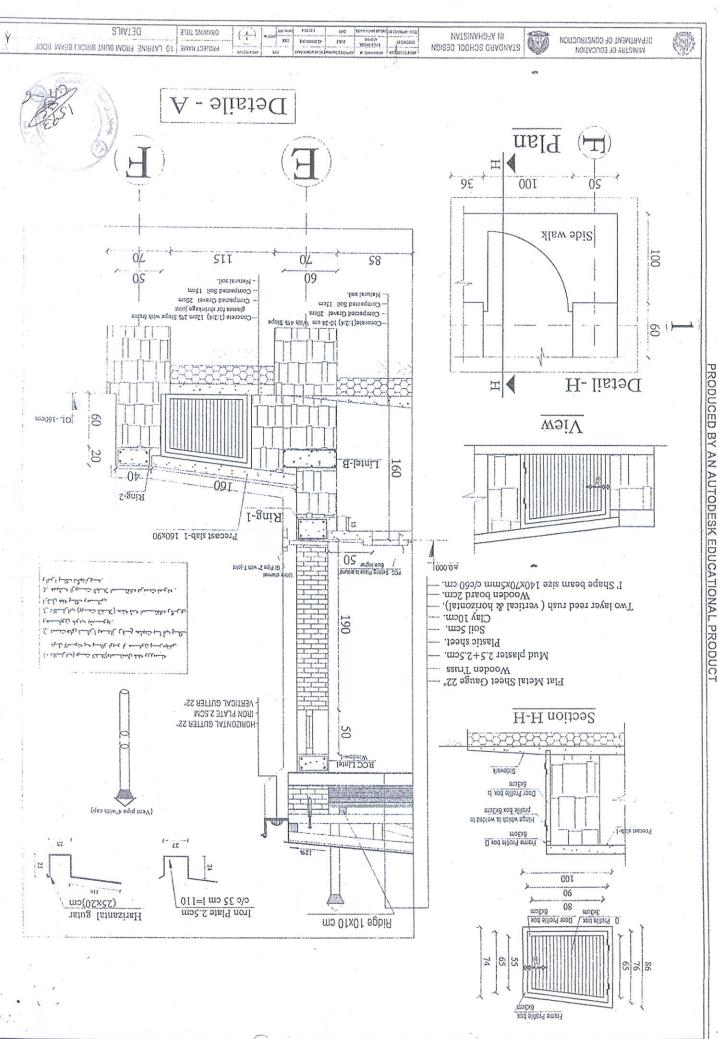


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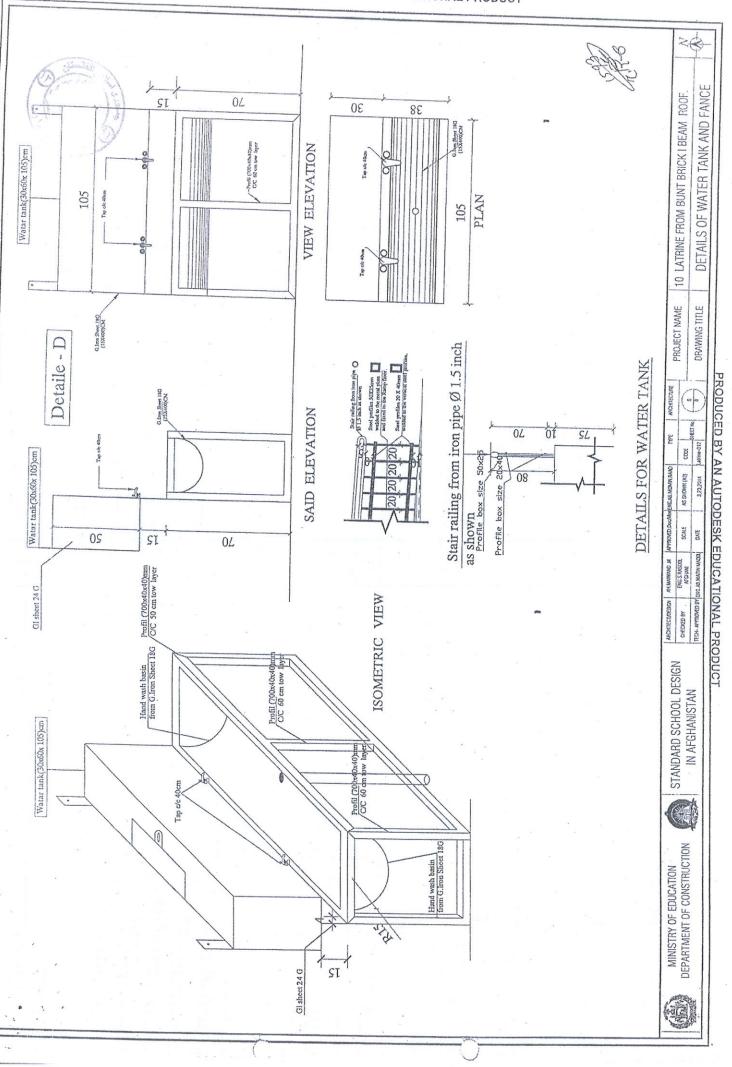


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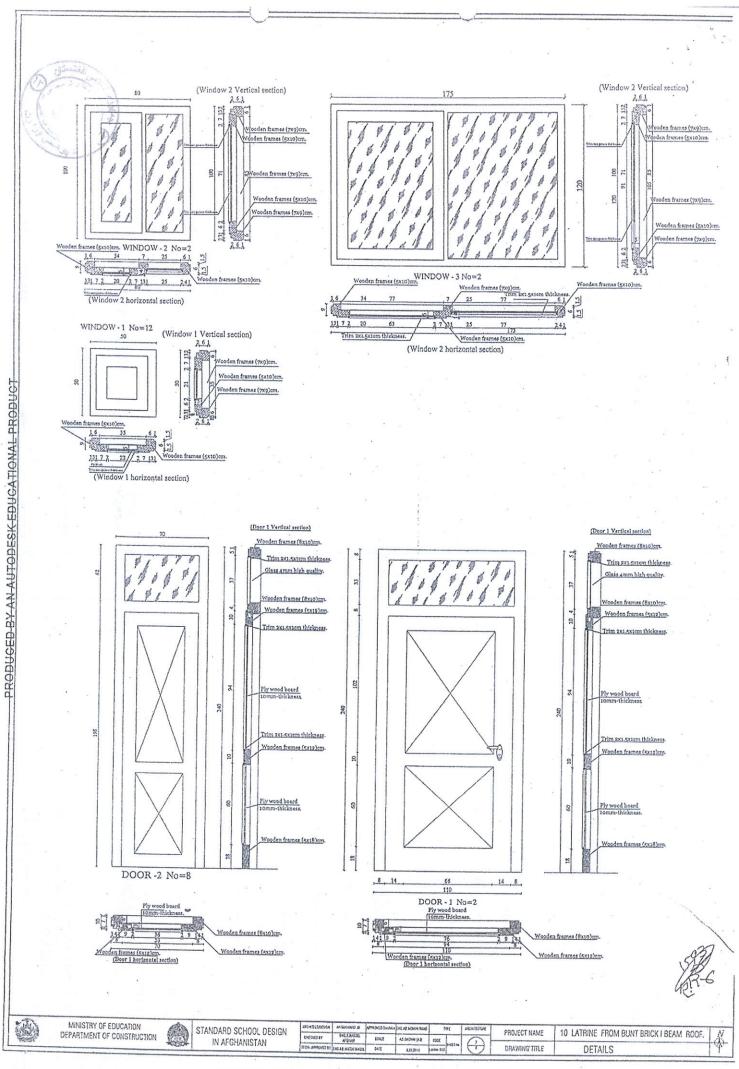


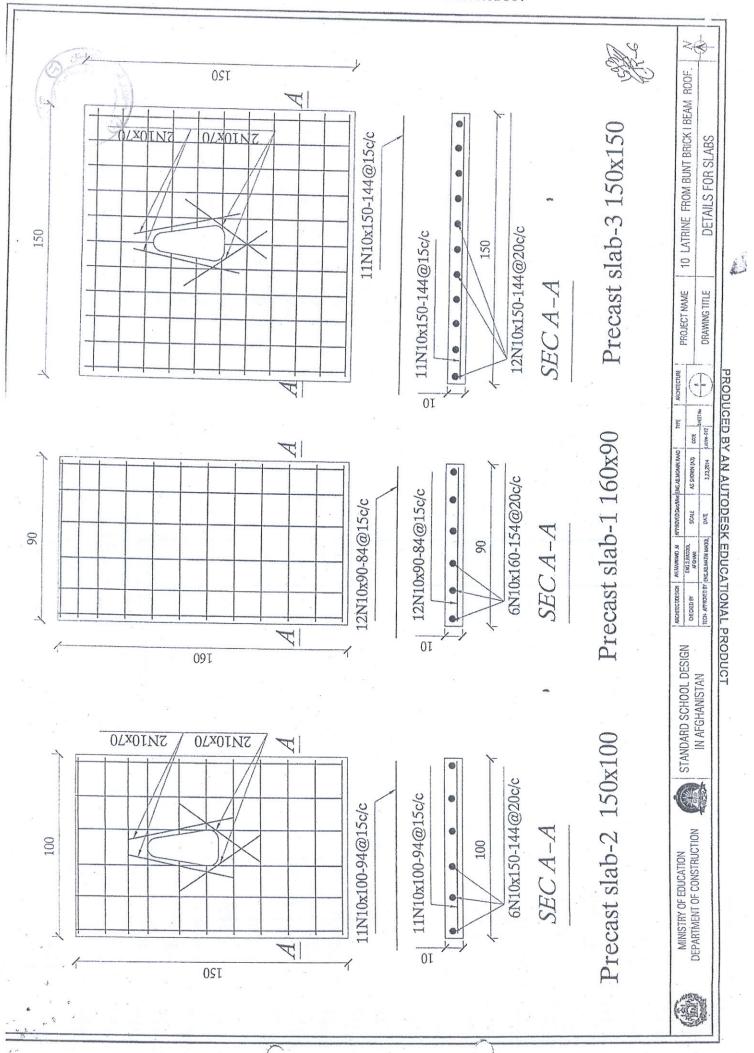


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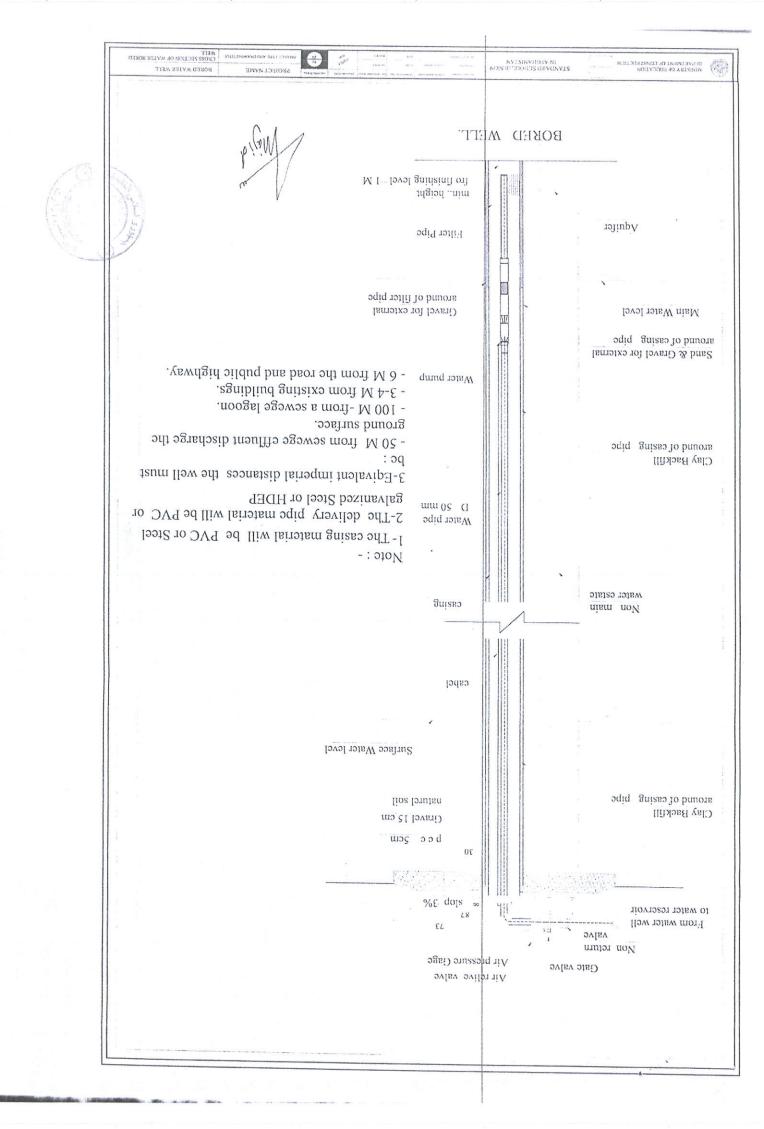


---- D. AR AUTODESK EDUCATIONAL PRODUCT



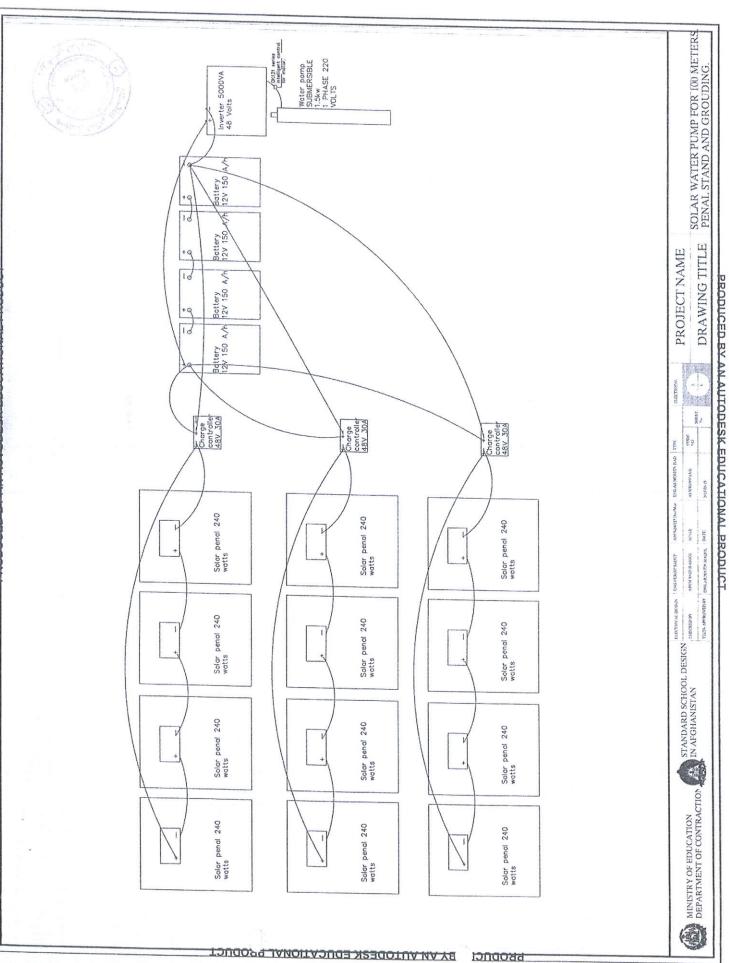


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	SPECIFICATION OF ELECTRICAL		NT 100 ME	EQUIPMENT 100 METERS WELL	
O	DESCRIPTION	SIG		PIECES REMARKS	
1 SOLAR F 2 CHARGE WITH W/	SOLAR PANEL MADE IN INDIA 240 WATTS GOOD QUALITY CHARGE CONTROLLER 48 VOLTS 30 AMPERES WITH WARRANTY OF ONE YEARS		NO NO 3		
ASIDE	BATTERY 12 VOLTS 150 AMPERES GOOD QUALITY.				
5 WATER F series in	STAND FOR SOLAR PANEL. WATER PUMP CONTROLLER SWITCH MODEL(QK121 series intelligent control) WITH ALL SENSORS.		NO NO		
ω	Cable1x10mm*COPPER FOR CONNECTION OF GROUNDING ROD		M 35		
1	COPPER FROM SOLAR PANEL TO		M	150 INSTALLATION	
8 WIRE 1(2×4) m PUMP SWTCH.	m ² COPPER FROM INVER		M 30		
5	MP. COPPER FRO		M 140	01	
1 10	GROUNDING ROU JM LENGIN, #20MM/COPPER/ LIGHTING PROTECTION ROD 1.5 M LENGTH,	-	NON CN		
12	ØISMM(CUPPER) INVERTER INPUT 48 VOLTS AND OUT PUT 220 VOLTS EADONUAL CARACITY HICH CHAILITY AND WARRANTY OF 1 YEAR		NO		
13	PUC PIPE 1 INCH DIAMETER FOR CARING WATER FROM		LSM		
13 Water	pump SUBMERSIBLE1.5kw 1 PHASE 220 VOLTS	A	NO 1		
					999 - 2000 999 - 2000 999 - 2000
Notes. 1. Use solar 3. Use Charge	solar panel Made in India good quality. solar panel should be near to the charge controller a contrage controller made in India good quality with war science between the solar panel and battery is 15 me	nd batteries. ranty of 1 years er use wire 10m	, copper go	ood quality.	a Carl An Angelan
ίσιο τία	If distance between the solar panel and battery is 25 meters use wire 16 mm ⁴ copper good quality. If the water pump and switch distance is 96 to 150 meters use wire 2.5 mm ⁴ . When of connection between batters 16mm ⁴ copper good quality.	ters use wire 16 rrs use wire 2.5 uality. charge controller	mm ² copper mm ² . s. Connect th	good quality. e solar wires	
9. 9. 9 7. 7. 10 7. 7. 10 7. 1	in the inverter. 9. Use the switch of QK121 which is automatic and have 3 sensors, one for full of reservoir, one for 9. Use the switch of QK121 which is automatic and have 3 sensors, one for full of reservoir, one for 9. Use the switch pump must be 7 meter in the water,(waterpump should be in the water at less 7 meters. 10. At less water pump must be 7 meter in the water,(waterpump should be in the water at less 7 meters. 11. Solar penal most has stand (plastic,airon and etc) which well be adjustable according the angel of sun shine. 12. In drawing shown 2 solar penal can you joint 4 penal not problem.	sensors, one for pump should be well be adjustat t problem. use the big siz.	full of reserves in the water of according of it, but m	oir, one for at less 7 meters. the angel of sun shine. nust be the good	
quality. 14. Solar pen of wend energy	quality. 14. Solar penal stand must be tide in the ground or that aria which solar penal located for prevent the damage of wond energy.	ia which solar pe	enal located f	ir penal located for prevent the damage Observer must take a short term training	
15. Une perso obut the sol 16. All pend 17. Install 3 18. connect a 19. This syste must be disc other equipme	15. One person need for the operating and manual and the system, operating and the solar system. 16. All pend should connect to the lighting protection rod and to grounding rod(solar penal's, charge controllers, and 17. Install 3 lighting protections rod.one in one stand,one in second stand and and and in the 3th stand. 18. connect all lighting protections rod to gather and bring one cable to grounding rod. 19. This system is design for 15m ³ per day. If you need less water can use electricity for other equipments but the water pump must be disconnect from inverter.Don't use those electrical equipment which are more then 3.5KW. When water pump other equipments must be off.	id to grounding second atond an ecoble to gro water can use quipment which	rod(solar p id one in the unding rod. electricity for are more the	enal's, charge controllers, and 3th stand. other equipments but the wa n 3.5kW. When water pump is	er pump working
	ALLEVAL DR. NO. 11 NO. 12 NOT NUMBER OF A DR. NOT NOT NOT	34A1 (DPE ADVON BY DAD 1499)	ELECTRICAL	DROTECT NAME	
MINISTRY OF EDUCATION AND IN AFGHAI		A SIOWF(A) CORE	witer	DRAWING TITLE	SOLAR WATER PUMP FOR 100 METERS
		ESK EDUCAT	AN AUTOD	PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT	



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