	LIGHTING SYSTEM گردانگر حسب الکود				
SYMBOL O	مكتب رقم - مكتب رقم -				
F1	60x60cm LED MODULE TYPE RECESSED LIGHTING FIXTURE, 40W,4000K, MIN. 100LUMEN/W, CRI>80, IP-20.				
F2 E	DITTO AS ABOVE BUT WITH EMERGENCY KIT.				
F3	SURFACE MOUNTED WITH LED MODULE STRIP LAMP, 4000 LUMEN ,40WATT, CRI>80 STEEL BODY AND ACRYLIC DIFFUSER IP-20				
F4	DITTO AS ABOVE BUT WITH EMERGENCY KIT				
F5	SURFACE MOUNTED WITH LED MODULE STRIP LAMP,4000 LUMEN , 40WATT, CRI>80 ALUMINUM BODY AND POLYCARBONATE DIFFUSER IP-65				
F6 E ●	DITTO AS ABOVE BUT WITH EMERGENCY KIT				
F7	SURFACE MOUNTED WITH LED MODULE STRIP LAMP, 2700 LUMEN ,27WATT, CRI>80 STEEL BODY AND ACRYLIC DIFFUSER IP-20				
F8	DITTO AS ABOVE BUT WITH EMERGENCY KIT				
F9	SURFACE MOUNTED WITH LED MODULE STRIP LAMP,4000 LUMEN , 40WATT, CRI>80 MADE OF DIE- CAST ALUMINUM AND MICRO PRISMATIC DIFFUSER IP-44				
F10	RECESSED MOUNTED, LED MODULE DOWNLIGHT, 20W,4000K, CRI>80,MIN. 100LUMEN/W, CRI>80, GLASS COVER, IP-20.				
F11	SPOTLIGHT LED MODULE TYPE RECESSED LIGHTING FIXTURE, 20W,4000K, CRI>80 MIN. 100LUMEN/W, IP-44.				
F12	SPOTLIGHT LED MODULE TYPE RECESSED LIGHTING FIXTURE, 12W,4000K, CRI>80 MIN. 100LUMEN/W, IP20.				
F13 © E	DITTO AS ABOVE BUT WITH EMERGENCY KIT.				
F14	SURFACE MOUNTED LED LIGHT FIXTURE LAMP, 1100LUMEN , 11WATT, CRI>80, IP20.				
F15 © E	DITTO AS ABOVE BUT WITH EMERGENCY KIT				
F16 🚫	SURFACE MOUNTED LED LIGHT FIXTURE LAMP, 1000LUMEN , 10WATT,4000K, CRI>80 MIN. 100LUMEN/W, CRI>80 IP-44.				
F17 🛇	WALL MOUNTED DUST PROOF LUMINARE, WITH 20W LED LAMP WITH METALLIC GUARD, IP-54.				
F18	OUTDOOR FLOODLIGHT, BODY OF DIE-CAST ALUMINIUM,100W,4000K, CRI>80 MIN. 125 LUMEN/W,IP-65				
F19 🚫 R	RECESSED MOUNTED LED LIGHT FIXTURE LAMP, 1000LUMEN, 10WATT,4000K, CRI>80 MIN. 100LUMEN/W, CRI>80 IP-44.				
F20	DITTO AS F9 TYPE BUT WITH EMERGENCY KIT.				
F21	SURFACE MOUNTED LED LIGHT FIXTURE LAMP, 2000LUMEN, 20WATT,4000K, CRI>80 MIN. 100LUMEN/W, CRI>80 WITH OPAL DIFFUSER COVER,IP-44.				
P1	SINGLE ARM STEEL POLE, 8.0M HEIGHT WITH 0.5M LENGTH ARM,MIN. 125 LUMEN/W, AND 1X80W LED LAMP LIGHTING FIXTURE, CRI>80, BODY OF DIE-CAST ALUMINIUM FOR HIGH CORROSION RESISTANCE, POWDERED PAINT, IP-65				
P2	DOUBLE ARM STEEL POLE, 8.0M HEIGHT WITH 0.5M LENGTH ARM,MIN. 125 LUMEN/W, AND 2X80W LED LAMP LIGHTING FIXTURE, CRI>80, BODY OF DIE-CAST ALUMINIUM FOR HIGH CORROSION RESISTANCE, POWDERED PAINT, IP-65				
P3	4 X 180 WATT LED LAMP HIGH PERFORMANCE FLODDLIGHT WITH OPTIC REFLECTOR FOR LED DOUBLE ENDED LAMPS, IP66, CRI>80.MIN. 135 LUMEN/W, BODY AND FRAME: DIE-CAST ALUMINIUM ,8.0METER HEIGHT				
EXIT EXIT	EXIT SIGN LIGHTING FIXTURE ,SELF CONTAINED MAINTAINED, PENDANT FROM CEILING OR WALL MOUNTED WITH 5WATT LED LAMP WITH , EMERGENCY KIT AND SELF TEST FACILITY IP20.				
F	WALL MOUNTED ELECTRICAL FAN 100 WATT.				
o^ o^o	1-GANG, 2-GANG, 3-GANG LIGHTING SWITCH, ONE WAY 10A				
\Q,^\Q,\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1-GANG, 2-GANG LIGHTING SWITCH,TWO WAYS,3-GANG,THREE WAYS,10A				
×	INTERMEDIATE SWITCH 10A				
8^	10A PUSH-BUTTON SWITCH WITH INDICATION LAMP.				
•	PASSIVE INFRARED CEILING MOUNTED PRESENCE DETECTOR.				

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REMARKS

REV. DATE

POWER SYSTEM

SYMPOL	DESCRIPTION		
SYMBOL	DESCRIPTION		
	230V, 13A SINGLE PHASE, 3-PIN SOCKET OUTLET WITH SWITCH.		
Ц	230V, 13A SINGLE PHASE, 3—PIN DOUBLE SOCKET OUTLET WITH SWITCH.		
4	230V, 13A SINGLE PHASE, 3-PIN SIGLE SOCKET OUTLET WITH SWITCH AND INDICATION LAMP, CONNECTED TO UPS PANEL.		
U	230V, 13A SINGLE PHASE, 3—PIN SINGLE SOCKET OUTLET WITH SWITCH AND INDICATION LAMP, CONNECTED TO UPS PANEL FOR CAMERA LEVEL AND LOCATION		
4	230V, 13A SINGLE PHASE, 3—PIN SINGLE SOCKET OUTLET WITH SWITCH AND INDICATION LAMP, CONNECTED TO UPS PANEL, IP44,FOR CAMERA LEVEL AND LOCATION.		
	230V, 13A SINGLE PHASE SOCKET OUTLET WITH COVER, IP44 .		
	230V, 13A SINGLE PHASE, 3-PIN SOCKET OUTLET WITH SWITCH AND SHUTTER FOR CHILD PROTECTION @1.20M FFL.		
	230V, 13A SINGLE PHASE, 3-PIN DOUBLE SOCKET OUTLET WITH SWITCH AND SHUTTER FOR CHILD PROTECTION @1.20M FFL.		
	230V, 20A SINGLE PHASE INDUSTRIAL SWITCHED SOCKET OUTLET WITH IP-44.		
	400V, 32A THREE PHASE INDUSTRIAL SWITCHED SOCKET OUTLET WITH IP-44.		
	230V, 13A SINGLE PHASE, 3-PIN SOCKET OUTLET WITH SWITCH FOR COUNTER		
	230V, 13A SINGLE PHASE, 3-PIN DOUBLE SOCKET OUTLET WITH SWITCH FOR COUNTER		
	230V, 13A SINGLE PHASE, 3-PIN SOCKET OUTLET WITH SWITCH AND COVER FOR COUNTER IP 44.		
Д	230V, 13A SINGLE PHASE, 3-PIN SOCKET OUTLET WITH SWITCH CEILING MOUNTED FOR PROJECTOR		
A	230V, 13A SINGLE PHASE, 3-PIN SOCKET OUTLET WITH SWITCH WALL MOUNTED FOR WI - FI @2.5 M HEIGHT		
4	230V, 20A DOUBLE POLE SWITCH WITH INDICATION LAMP FOR INDOOR SPLIT UNIT		
Р	POWER POINT		
o^	WALL MOUNTED 230V, 20A DOUBLE POLE SWITCH WITH INDICATION LAMP		
WH WATER HEATER			
DISCONNECT SWITCH (D\S) ISOLATOR, 3-PHASE, SERVING MECHANICAL EQUIPMENT RATING AS SHOWN ON PLANS. IP-65 FOR OUTDOOR UNIT. DISCONNECT SWITCH (D\S) ISOLATOR, 1-PHASE, SERVING MECHANICAL EQUIPMENT RATING AS SHOWN ON PLANS. IP-65 FOR OUTDOOR UNIT.			
	FINAL DISTRIBUTION BOARD (DB)		
	MOTOR CONTROL CENTER (MCC)		
	MAIN DISTRIBUTION BOARD (MDB)		
UPS	UNINTERRUPTIBLE POWER SUPPLY		
E	ELECTRICAL MANHOLE 60X60X80CM		
EP	EARTH PIT.		
мссв 🕌	3 PHASE MOLDED CASE CIRCUIT BREAKER (MCCB) RATED AS SHOWN ON PLANS.		
мссв 🏸	1 PHASE MOLDED CASE CIRCUIT BREAKER (MCCB)		
MCB ∳	3 PHASE MINIATURE CIRCUIT BREAKER (MCB)		
MCB .	1 PHASE MINIATURE CIRCUIT BREAKER (MCB)		
\otimes	INDICATOR LAMP		
TCL	TOTAL CONNECTED LOAD.		
TDL	TOTAL DEMAND LOAD.		
	EARTHING PIT.		

LOW CURRENT AND SECURITY SYSTEMS

SYMBOL	DESCRIPTION
	1/3" CMOS IMAGE SENSOR, 3MP SENSOR PIXELS, DAY LIGHT 3.8 _13 MM VARIFOCAI NETWORK CAMERA COMPLETE WITH OUT DOOR HOUSING IP 66 (NEMA 4X)
(3)	1/2.7" CMOS IMAGE SENSOR , FIXED IN CEILING RECESSED / SURFACE MOUNTED DOME NETWORK DAY NIGHT VARIFOCAL 3.8/13 MM CAMERA
	METAL MAGNETIC CONTACT
<u> </u>	INTERNAL INTRUSION SOUNDER
SCP	INTRUSION CONTROL PANEL
∇	RJ11 SINGLE VOICE WALL MOUNTED OUTLET @ 0.4 M
	DUAL RJ45 DATA & VOICE WALL MOUNTED OUTLET @ 0.4 M.
lacktriangledown	SINGLE RJ45 DATA & VOICE WALL MOUNTED OUTLET @ 0.4 M.
C	SINGLE DATA OUT LET (COUNTER FITTING) AS PER ARCH ENLARGEMENT DETAIL
V	SINGLE RJ45 ON FLEET WALL MOUNT @ 2.5M PROVISION FOR WIRELESS ACCESS POINT
$\overline{\mathbf{V}}$	DITTO BUT CEILING MOUNT PROVISION FOR PROJECTOR
DC-	19" DATA CABINET.(AS SPECIFICATION & BOQ)
PAR	SCHOOL RADIO AND PUBLIC ADDRESS RACK @ RADIO ROOM
AVR	AUDIO VIDEO RACK @ MULTIPURPOSE STAGE
<u> </u>	LCD PROJECTOR WITH CEILING MOUNT BRACKET
S	6 WATT WALL MOUNT SPEAKER @ 2.2 M F.L.L.
	20 WATT WALL MOUNT OUTDOOR HORN SPEAKER @ 3 M F.L.L.
②	SCHOOL PROGRAM / CLASSROOM CHANGE BELL
₽V	SCHOOL PROGRAM / CLASSROOM CHANGE SIREN/FLASHER
000	SCHOOL PROGRAM / CLASSROOM CHANGE BELL CONTROLLER @ PRINCIPLE OFFI
=	STAGE LIGHTING PARCAN
8	PROFESSIONAL WALL MOUNT SPEAKER @ MULTIPURPOSE
	200" MOROIZED SCREEN
JB -	19" TELPHONE CONNECTION BOX .(AS SPECIFICATION & BOQ)
	7 METER TRIANGULAR ALUMINUM TRUSR

FIRE ALARM SYSTEM

SYMBOL	DESCRIPTION			
S	ONVETIONAL PHOTOELECTRIC SMOKE DETECTOR WITH BASE.			
A S	TTO AS ABOVE BUT ABOVE FOLSE SAILING			
Θ	CONVENTIONAL RATE OF RISE HEAT DETECTOR WITH BASE.			
В	CONVENTIONAL PULL STATION			
DV	INDOOR CONVENTIONAL FLASHER/SOUNDER.			
₩ V	OUT DOOR CONVENTIONAL FLASHER/SOUNDER.			
FACP	CONVENTIONAL FIRE ALARM CONTROL PANEL (ZONES AS PER BOQ).			
EOL	EOL END OF LINE RESISTOR.			



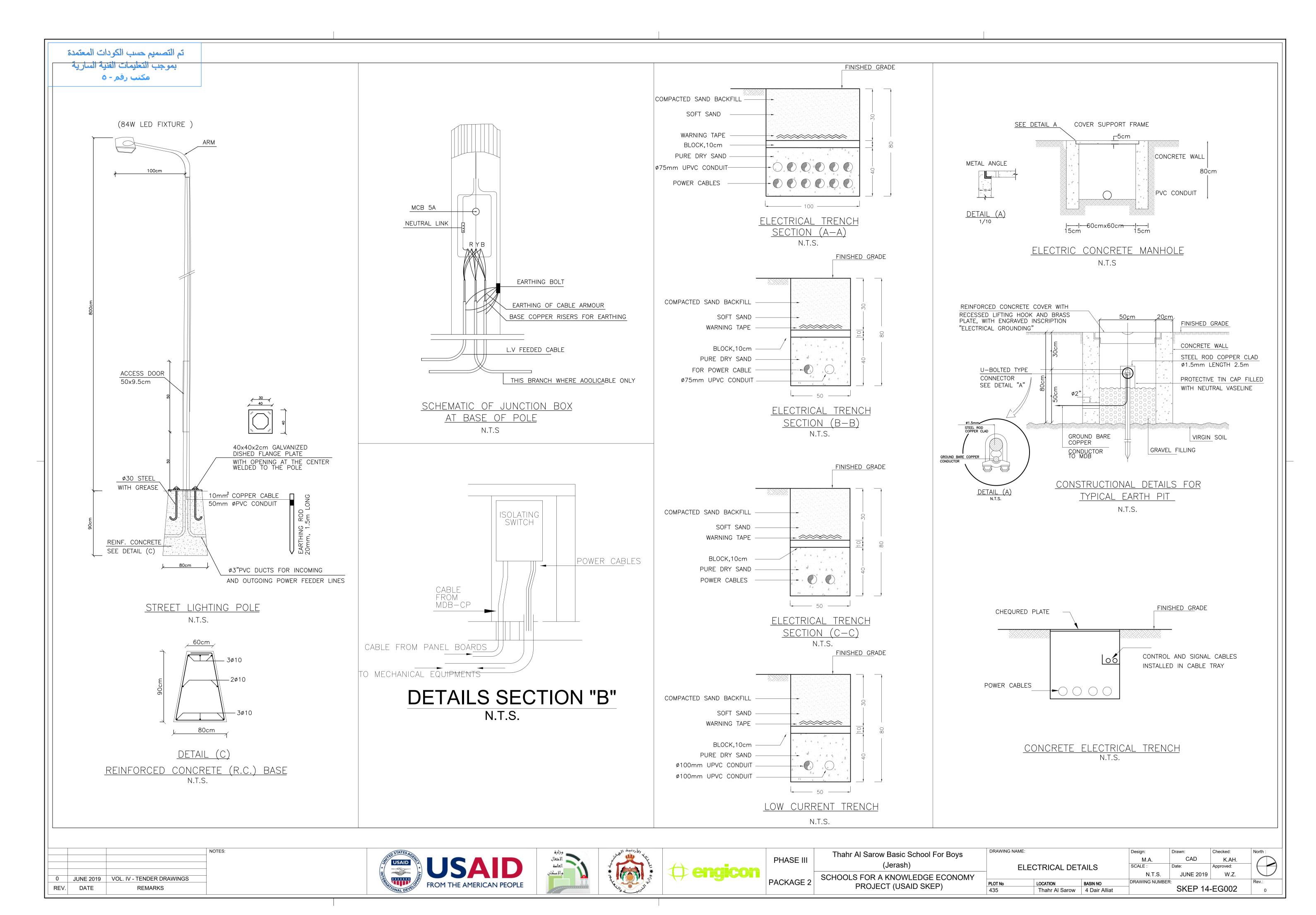




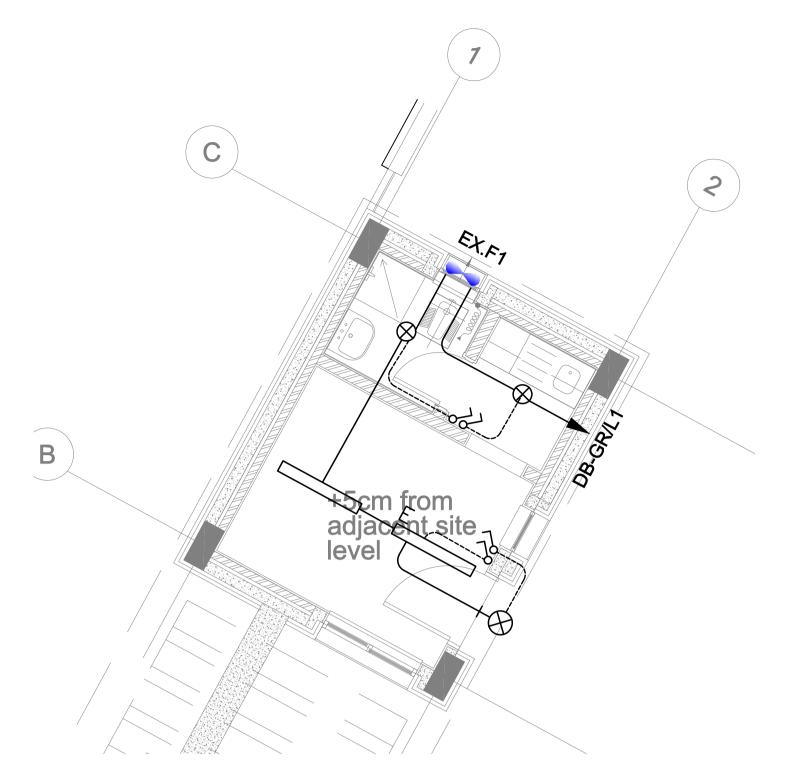


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	(Jerash)
KAGE 2	SCHOOLS FOR A KNOWLEDGE ECON
	PROJECT (USAID SKEP)

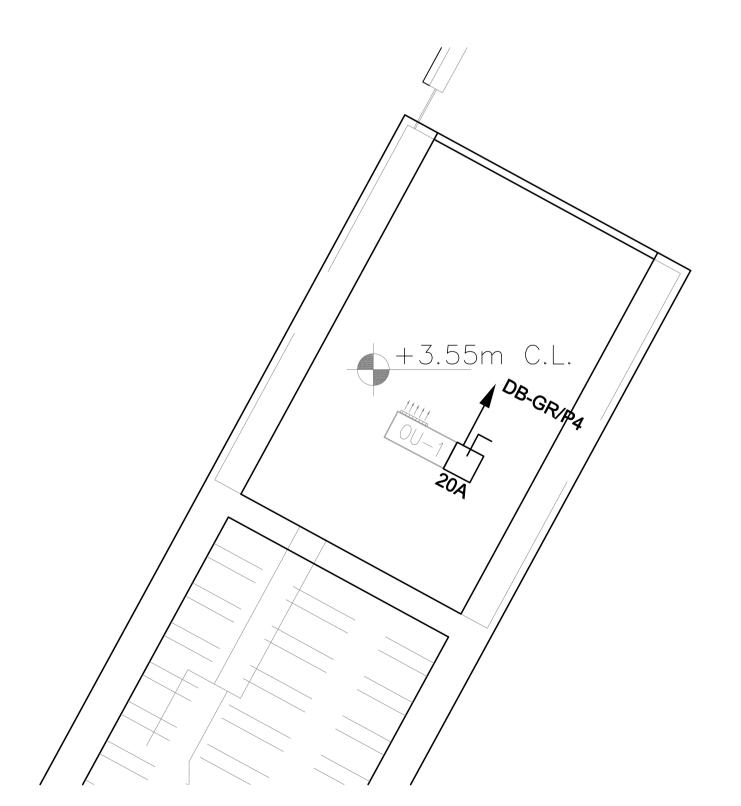
chool For Boys	DRAWING NAME:			Design:	Drawn:	Checked:
ondoin or boys				M.A.	CAD	K.AH.
	ELECTRICAL LEGEND			SCALE :	Date:	Approved:
EDGE ECONOMY				N.T.S.	JUNE 2019	W.Z.
SKEP)	PLOT No	LOCATION	BASIN NO	DRAWING NUMBER		50004
JOKEI)	435	Thahr Al Sarow	4 Dair Alliat		SKEP 14	-EG001



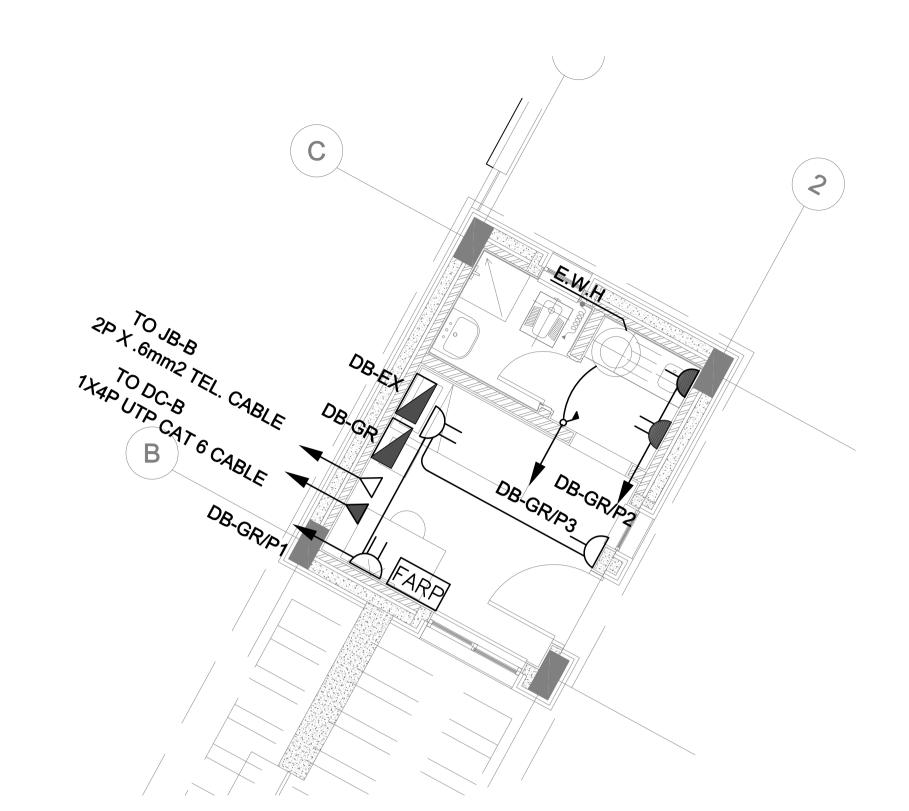
ثم التصميم حسب الكودات المعتمدة بموجب التعليمات الفنية السارية مكتب رقم - ٥







3 GUARD ROOM ROOF POWER SYSTEM LAYOUT



GUARD ROOM POWER, VOICE AND DATA SYSTEMS LAYOUT

PANEL NAME : DB-GR				1PHA	SE,230v,50	Hz,2W&E
CIRCUIT	Description	LOAD	С.В	АМР	SIZE OF WIRE	SIZE OF CONDUIT
NO.	~	(W)	NO.	TRIP	(mm2)	(mm)
L1	LIGHTING	210	1	10	3X2.5	20
L2	LIGHTING	180	2	10	3X2.5	20
P1	SOCKET OUTLETS	800	3	10	3X2.5	20
P2	E.W.H	1200	4	10	3X2.5	20
P3	E.W.H	1200	5	10	3X2.5	20
P4	SOCKET OUTLETS	1000	6	10	3X2.5	20
P5	SU-1	2400	7	10	3X2.5	20
	SPARE		10	10		
	SPARE		10	10		
	SPARE		10	10		
CONNECTED	LOAD (W)				6990	7
TOTAL CONN	ECTED LOAD(KW)			6.99		
DEMAND FAC	TOR		0.8			
TOTAL DEMAI	ND LOAD(KW)		5.59			
DESIGN CURR	ENT		28.59			
BREAKER SIZE			32A MCCB			3
CABLE SIZE				(3X10)mm2 CU/XLPE/PVC		
FED FROM				MDB		
Туре				FLUSH MOUNTED		
PANEL LOCATION				GL	JARD RO	MC



DB-GR DISTRIBUTION BOARD SCHEDULE

			NC
0	JUNE 2019	VOL. IV - TENDER DRAWINGS	
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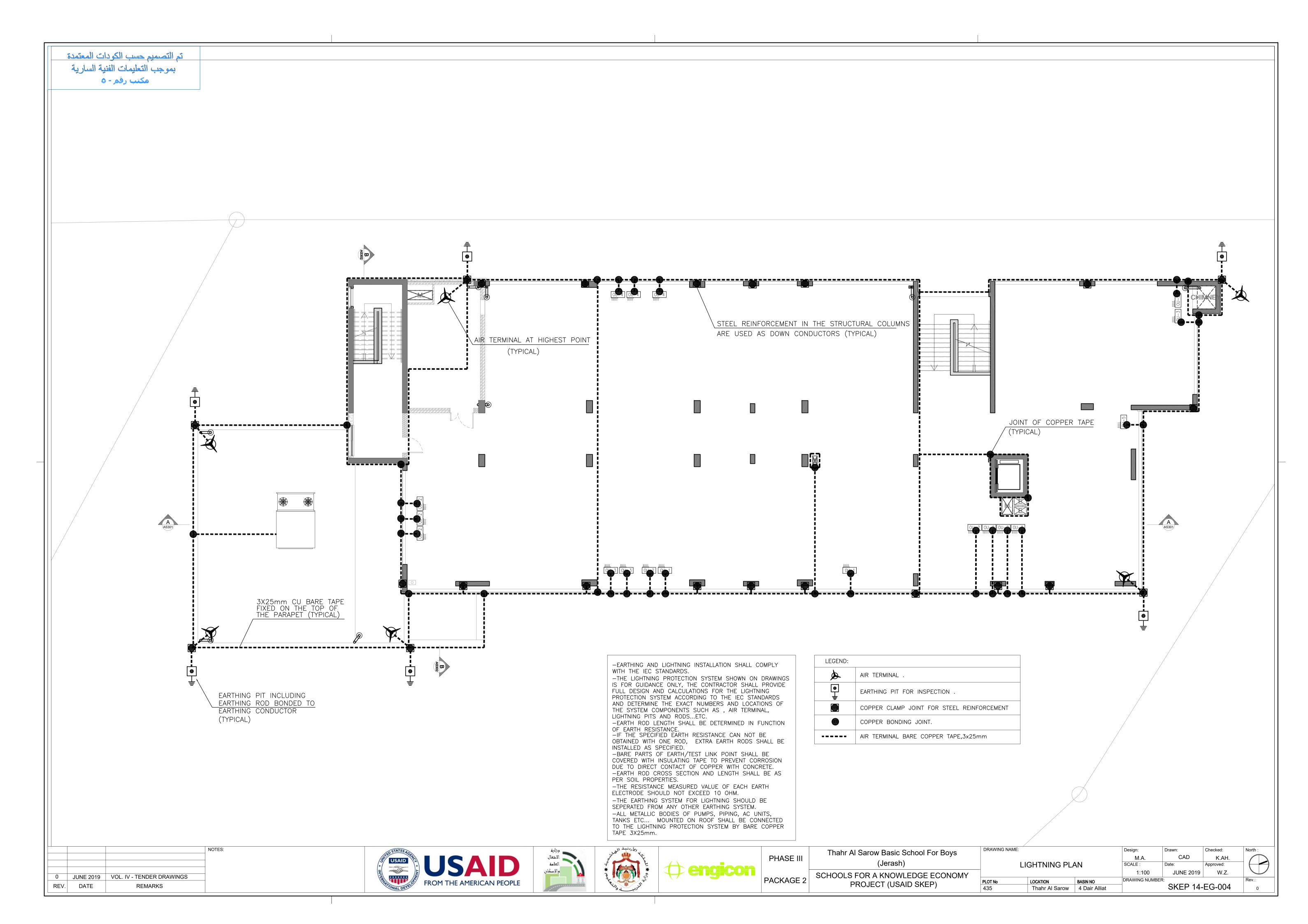


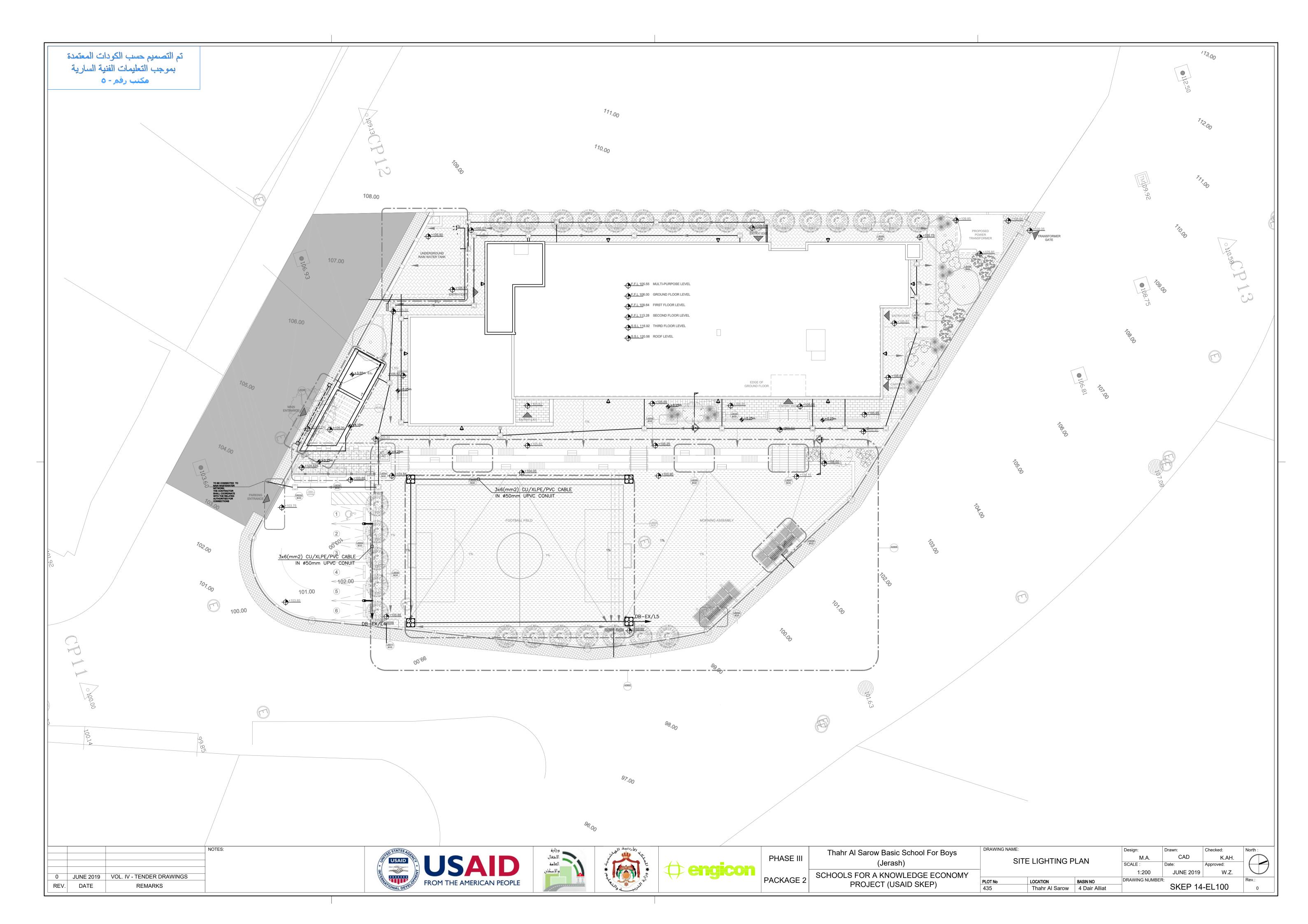


PHASE III	
PACKAGE 2	

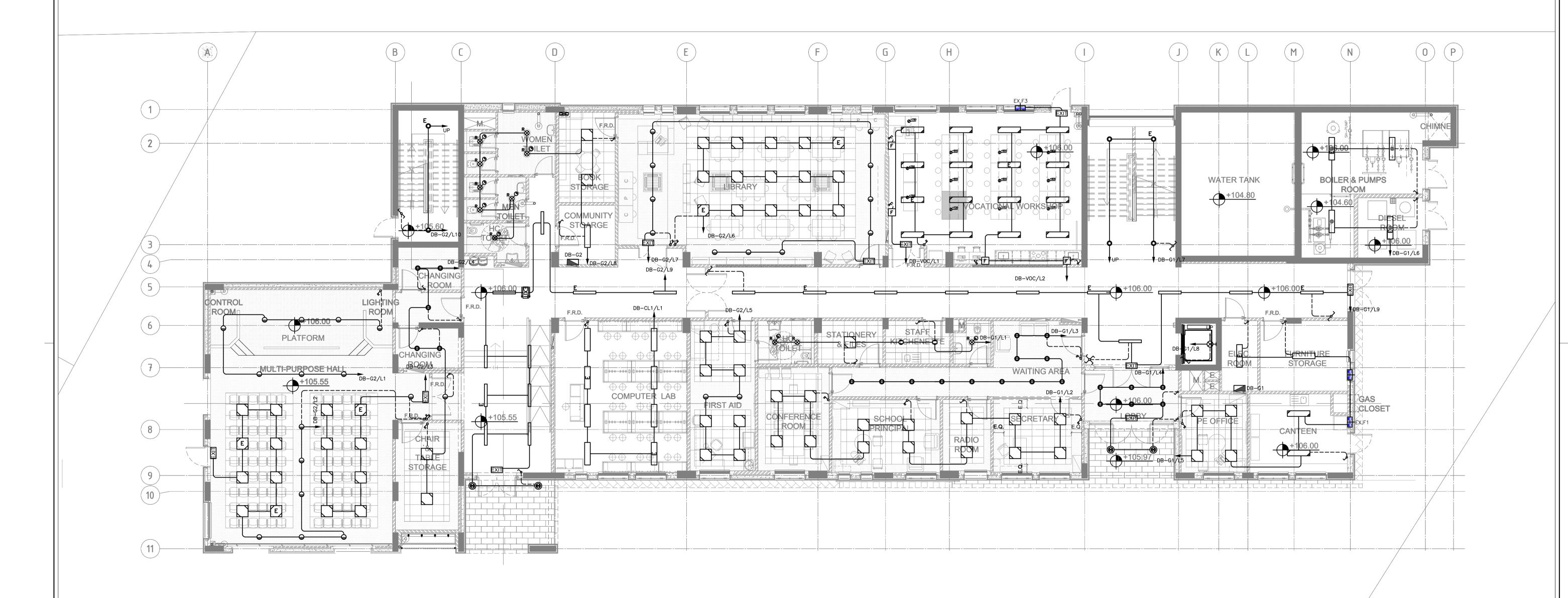
Thahr Al Sarow Basic School For Boys
(Jerash)
SCHOOLS FOR A KNOWLEDGE ECONOMY
PROJECT (USAID SKEP)

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			M.A.	CAD	K.AH.
	SUARD ROOM	Л	SCALE:	Date:	Approved:
			1:50	JUNE 2019	W.Z.
PLOT No LOCATION BASIN NO			DRAWING NUMBER	==	
435	Thahr Al Sarow	4 Dair Alliat		SKEP 14	-EG003





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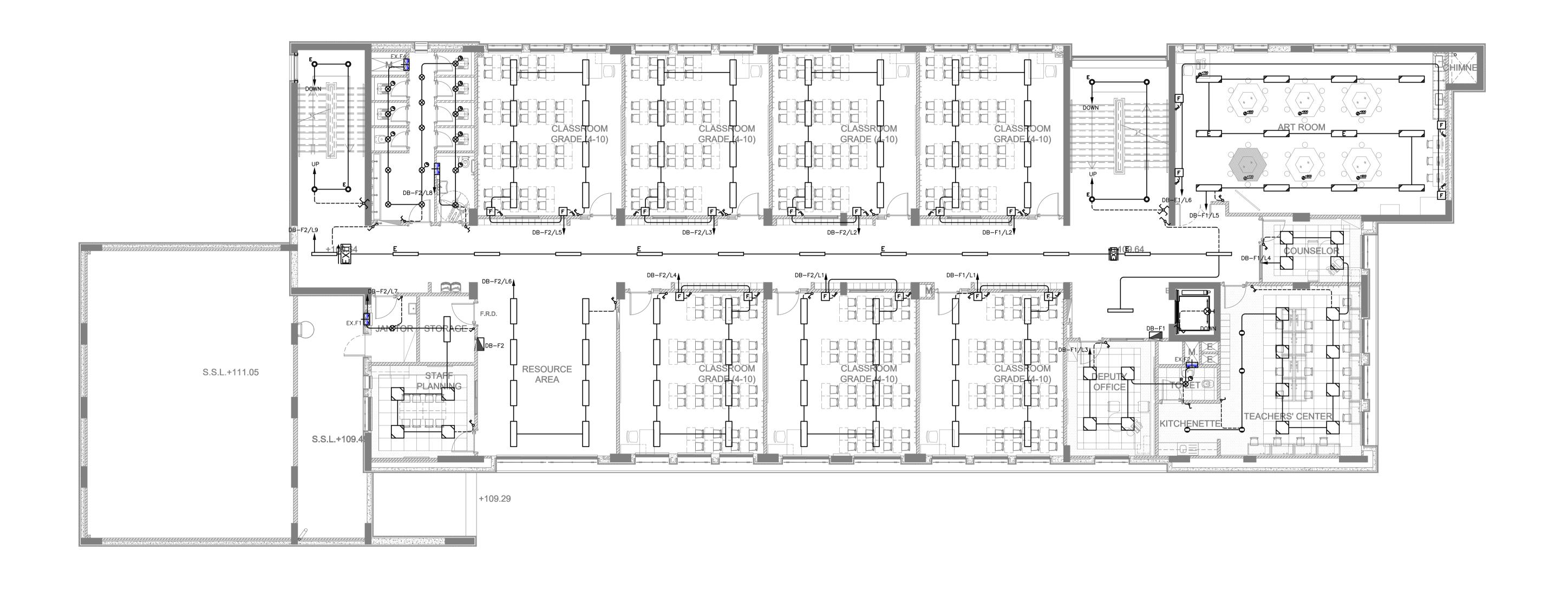


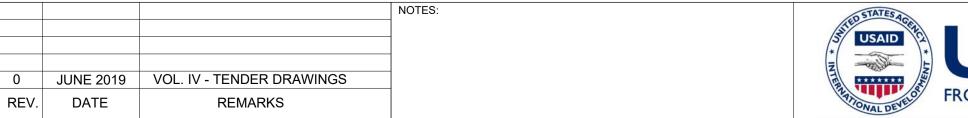




PHASE III	Thahr Al Sarow Basic School For Boys
	(Jerash)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)
	,

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	GROUND FLOOR PLAN			M.A.	CAD	K.AH.
	LIGHTING PLAN			SCALE:	Date:	Approved:
				1:100	JUNE 2019	W.Z.
	PLOT No LOCATION BASIN NO 435 Thahr Al Sarow 4 Dair Alliat			DRAWING NUMBER	==	
					SKEP 14	-EL101







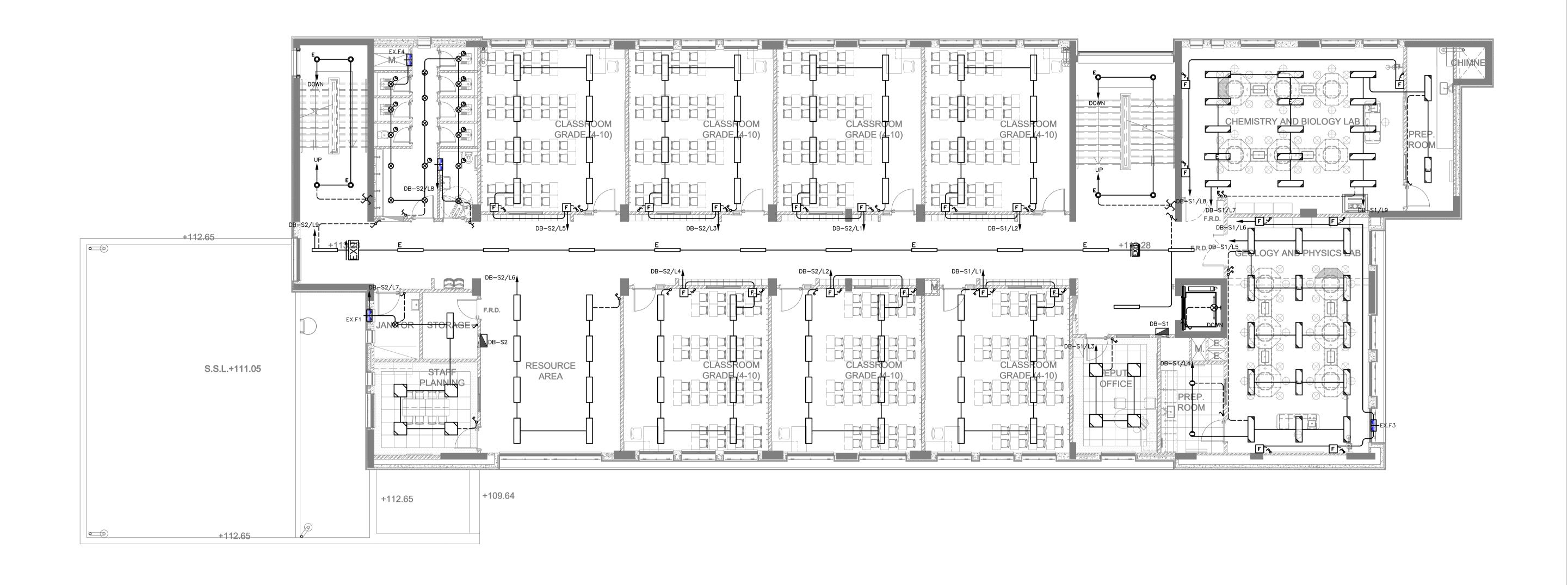






PHASE III	Thahr Al Sarow Basic School For Boys (Jerash)
ACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:			Design:	Drawn:	Checked:	North:
FIRST FLOOR PLAN			M.A.	CAD	K.AH.	
LIGHTING PLAN			SCALE:	Date:	Approved:	
			1:100	JUNE 2019	W.Z.	
PLOT No	LOCATION	BASIN NO	DRAWING NUMBER	==		Rev.:
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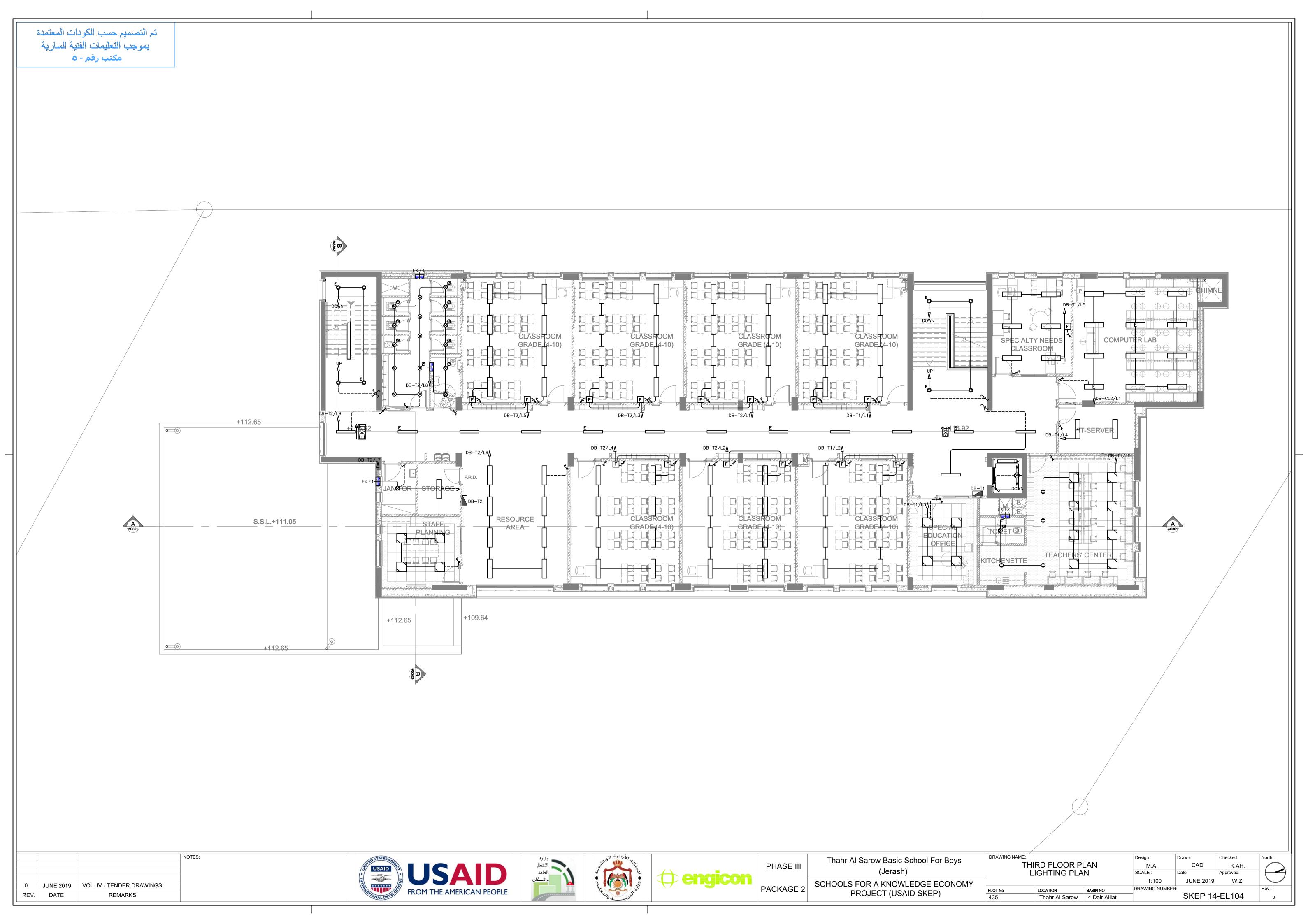


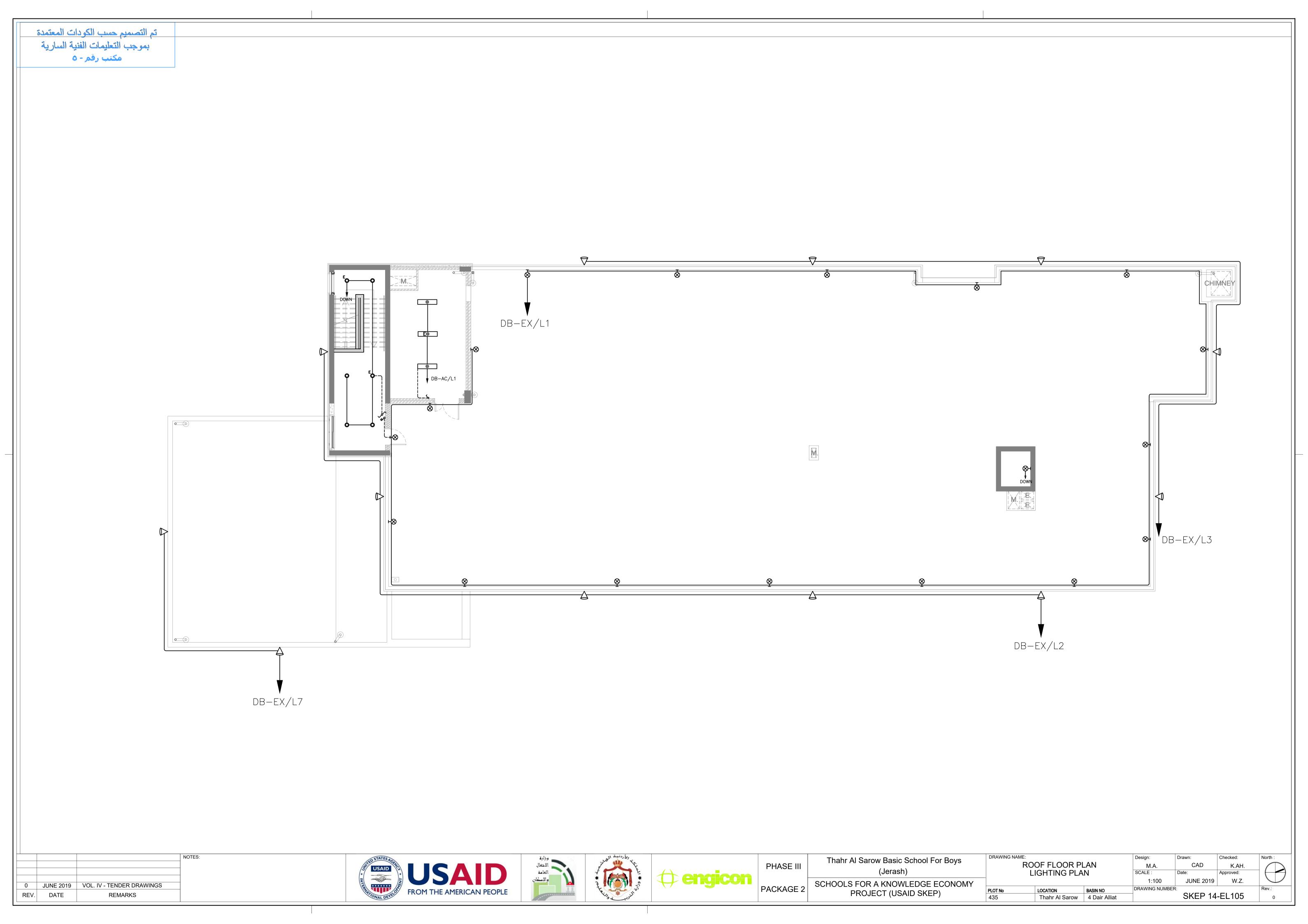
PHASE III	Thahr Al Sarow Basic School For Boys
	(Jerash)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY
	PROJECT (USAID SKEP)

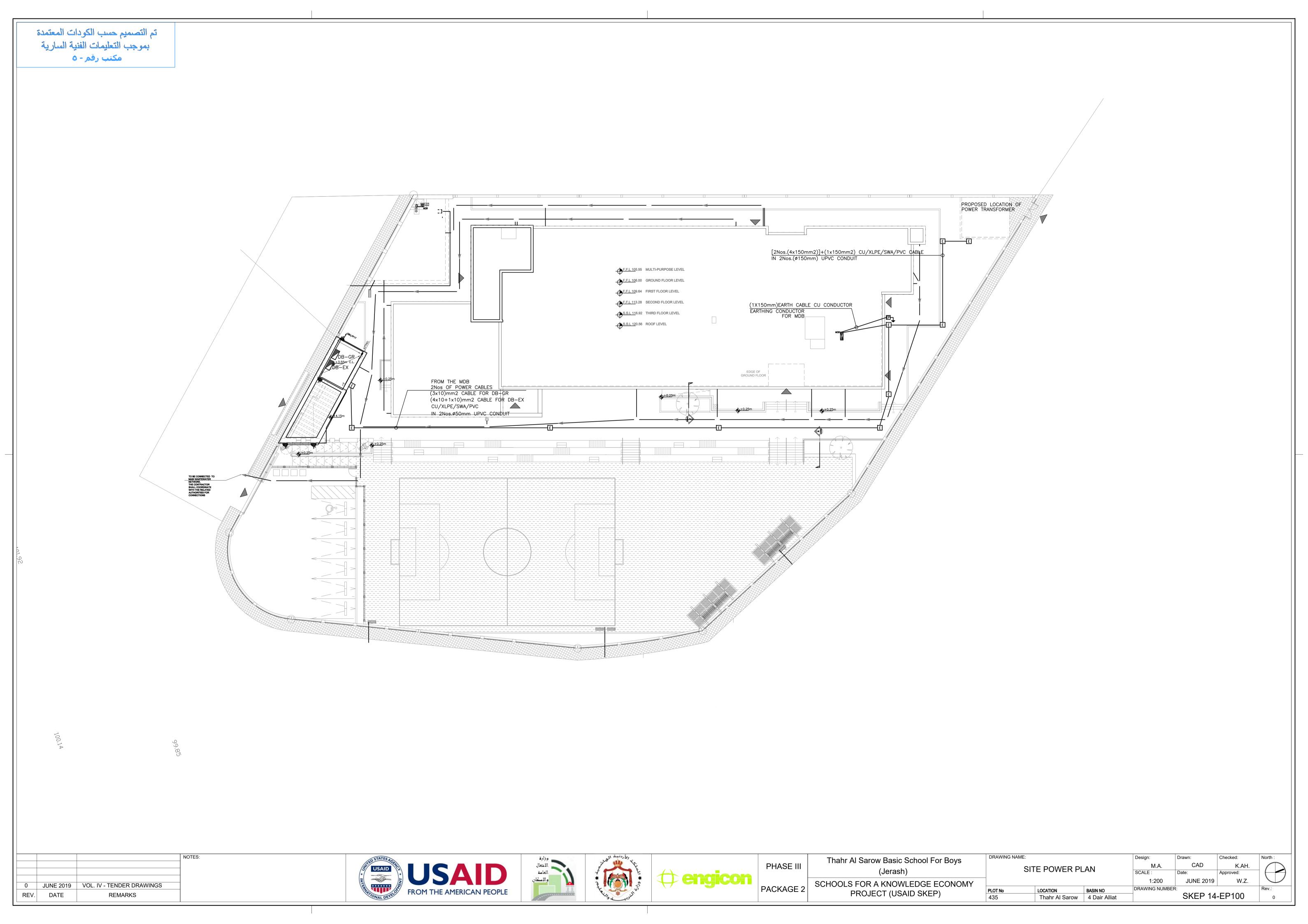
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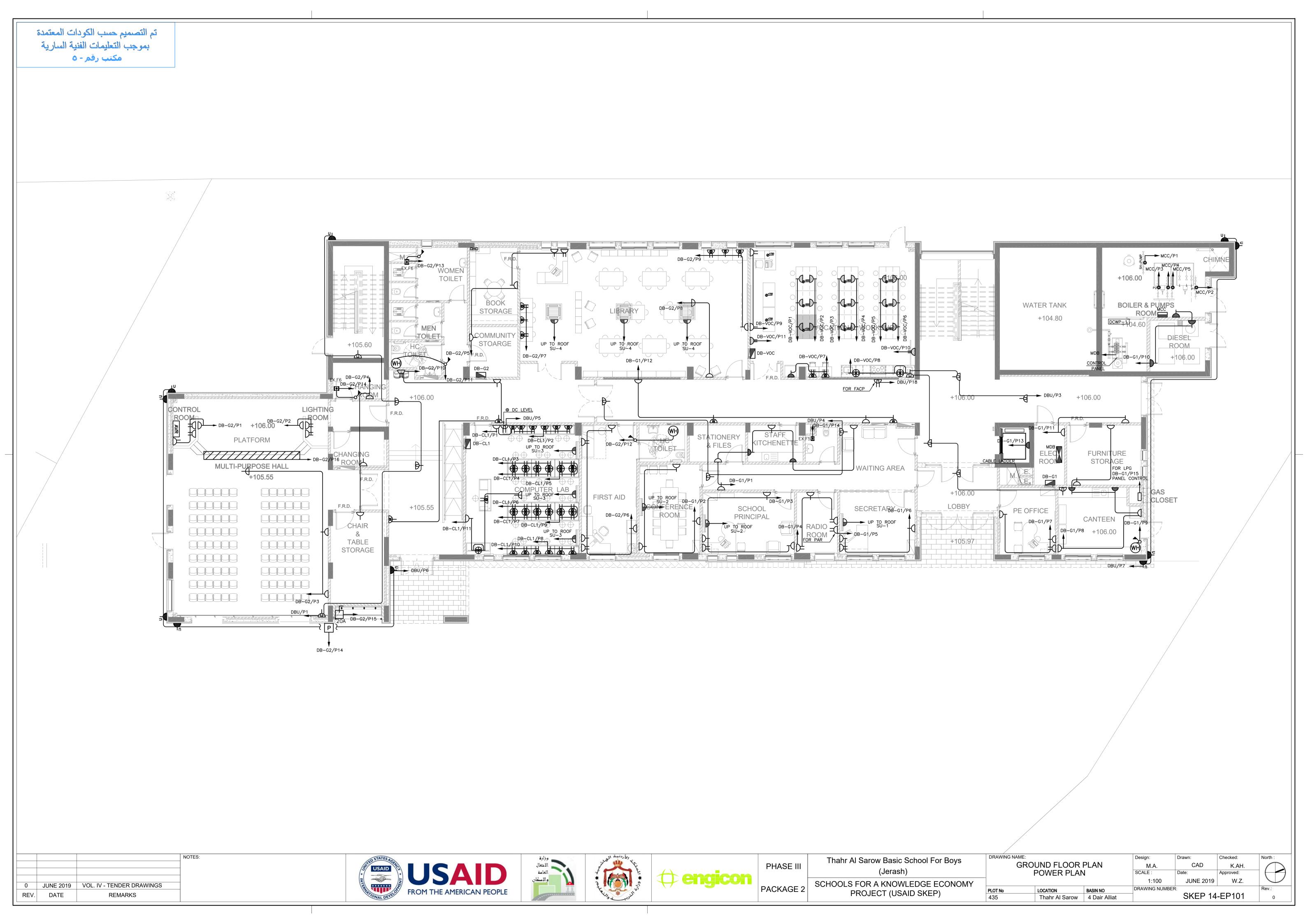
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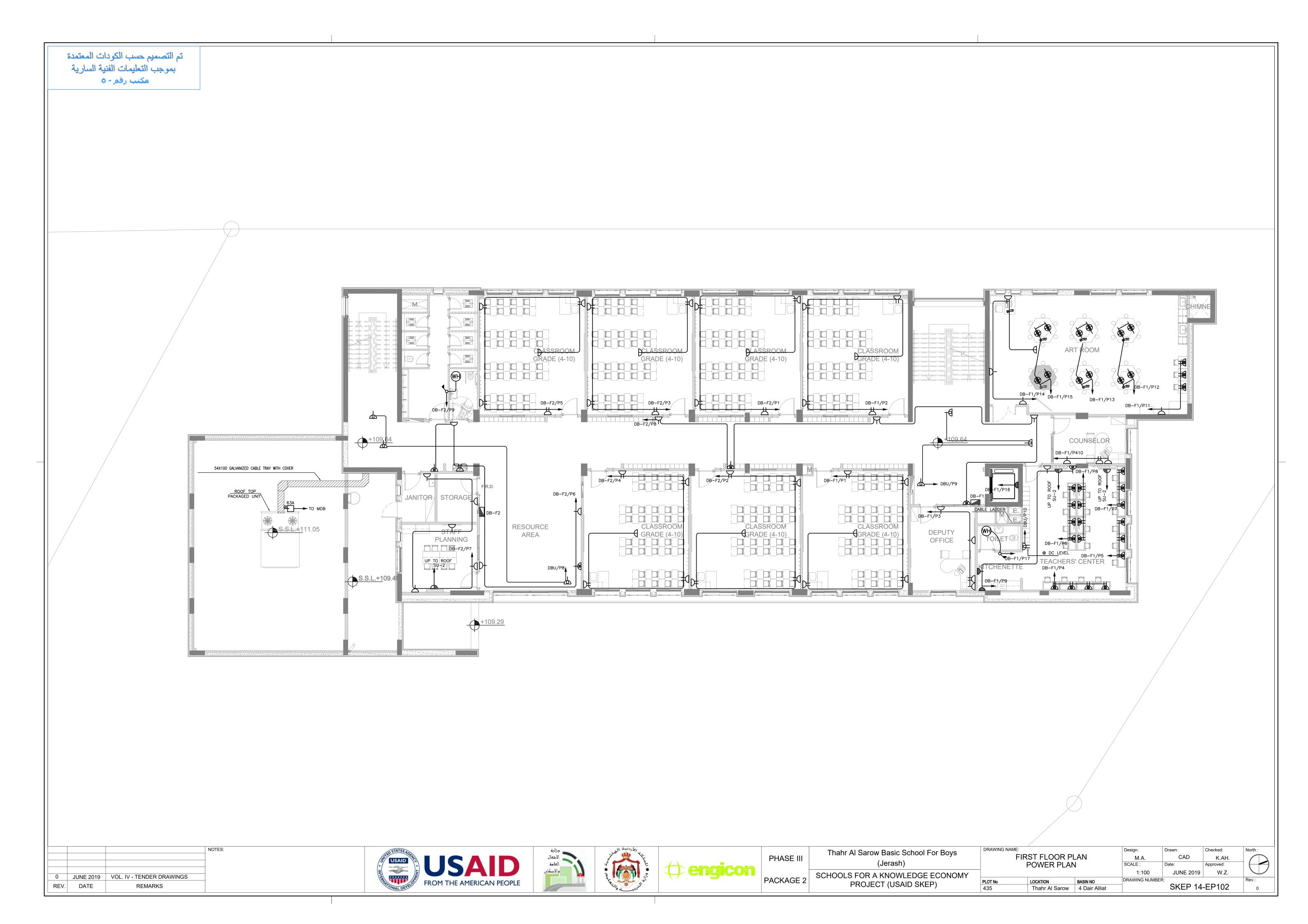
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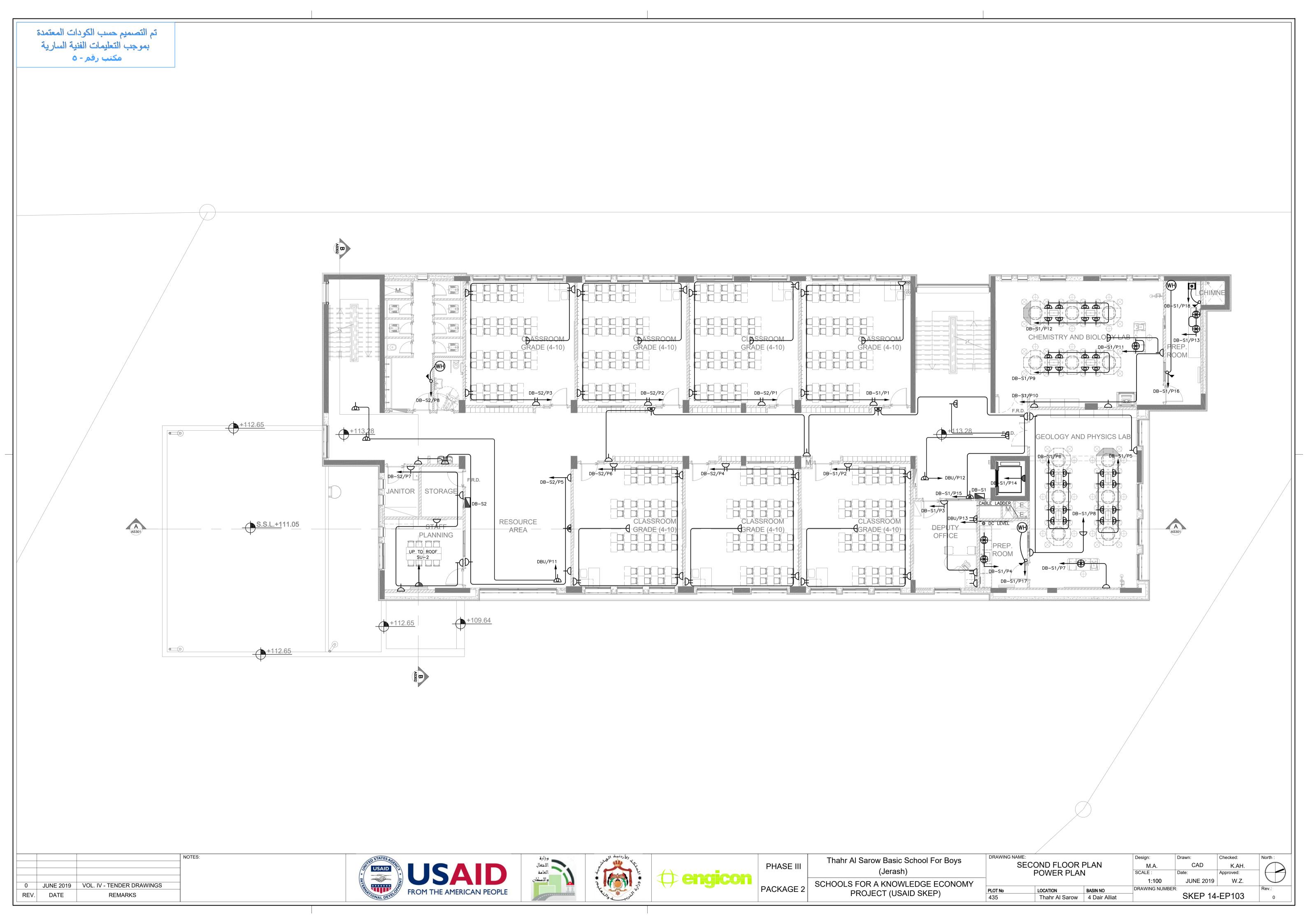


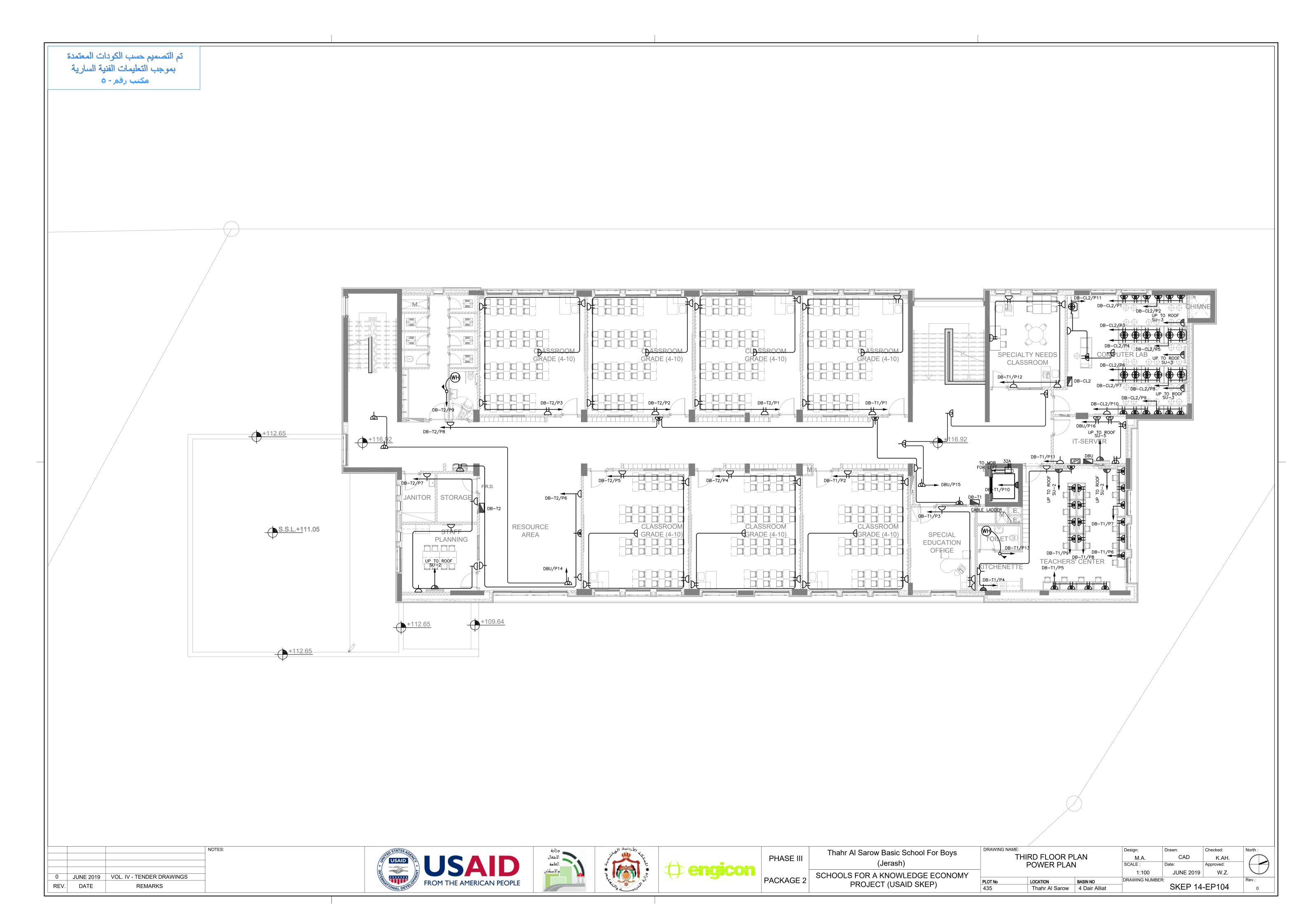


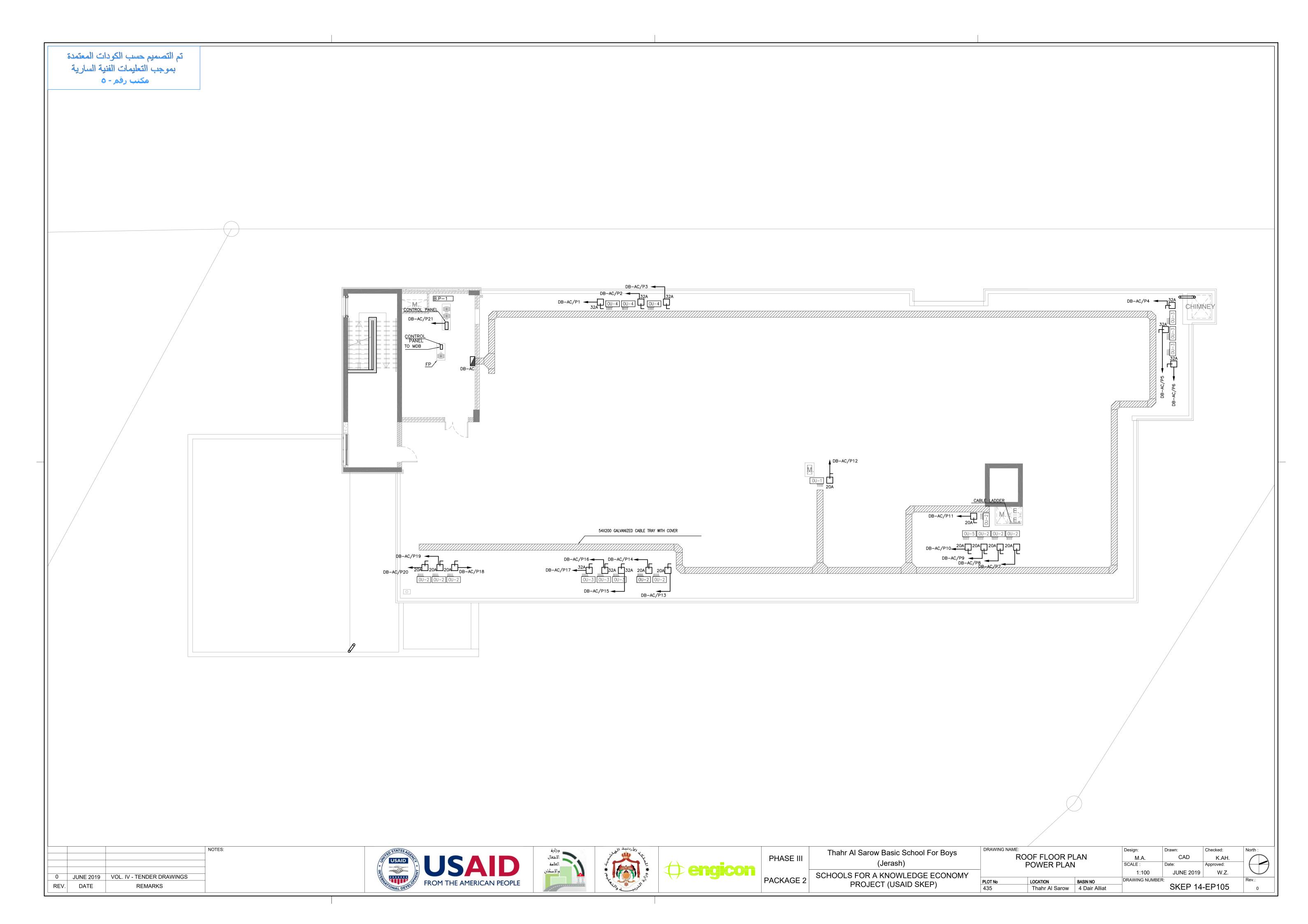


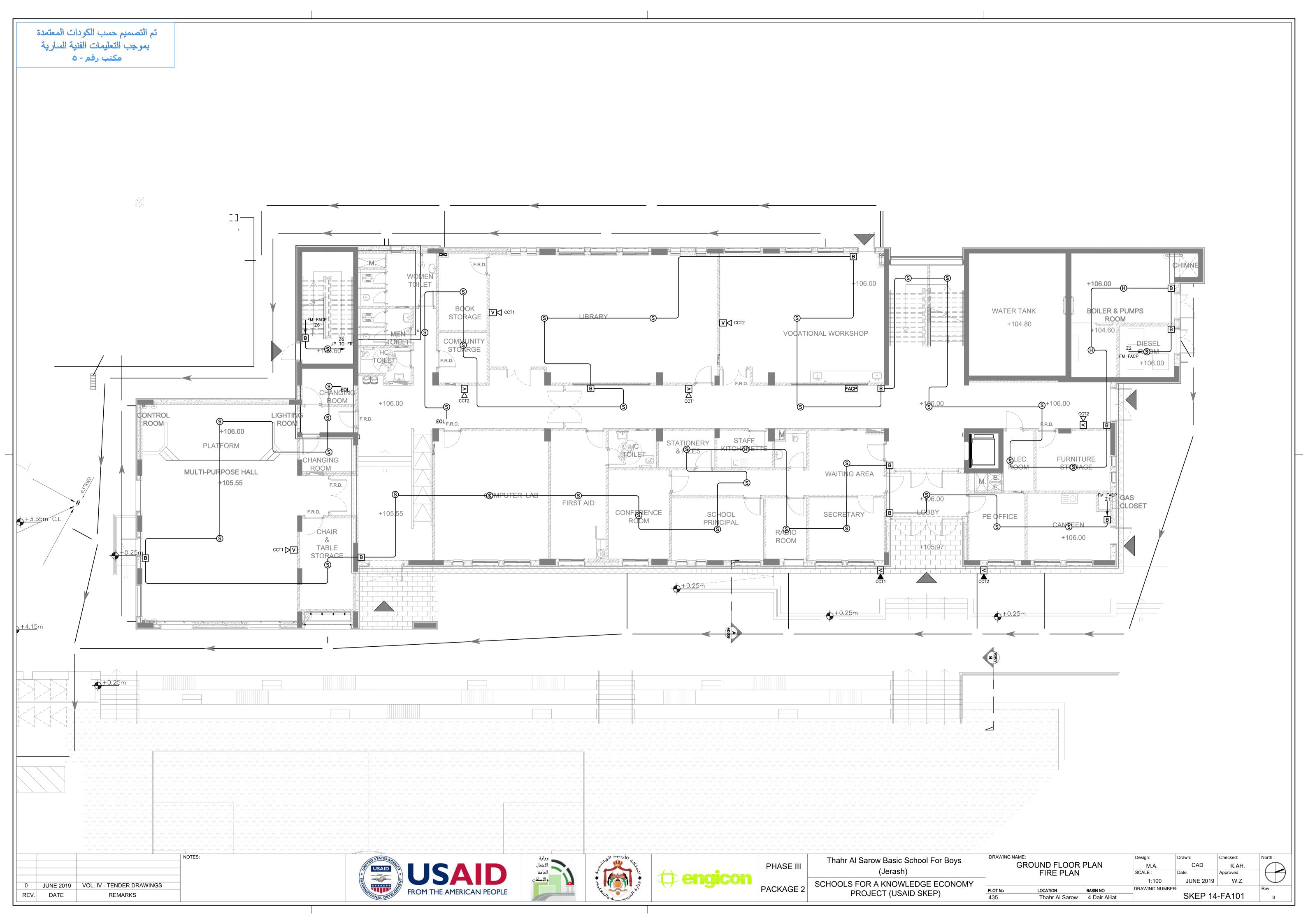


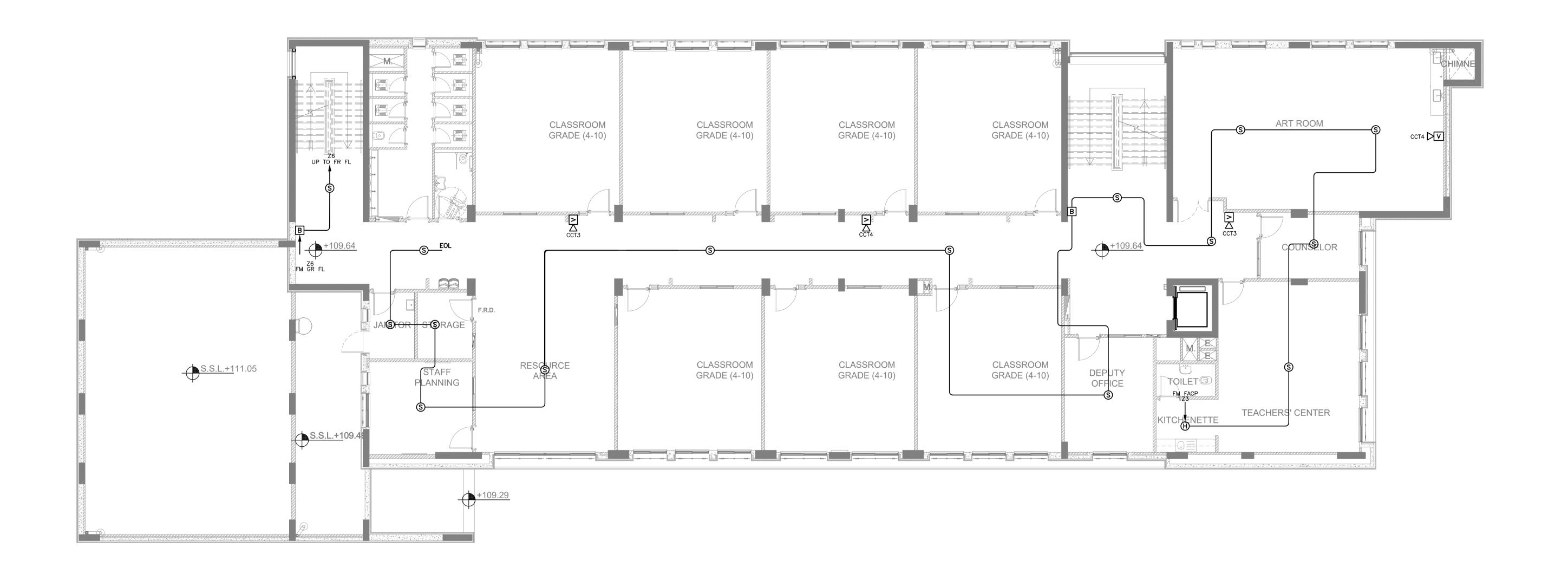














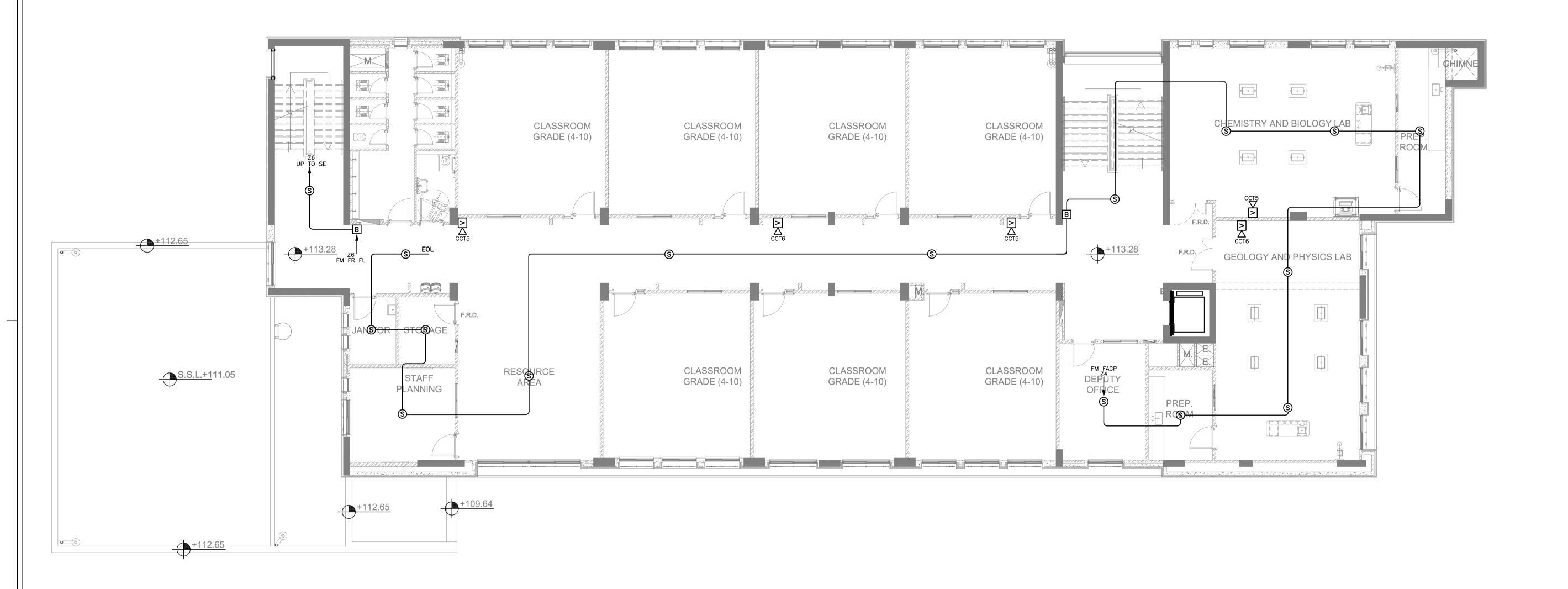






Ш	Thahr Al Sarow Basic School For Boys
	(Jerash)
E 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

	DRAWING NAME:			Design:	Drawn:	Checked:	North :
	FIRST FLOOR PLAN			M.A.	CAD	K.AH.	
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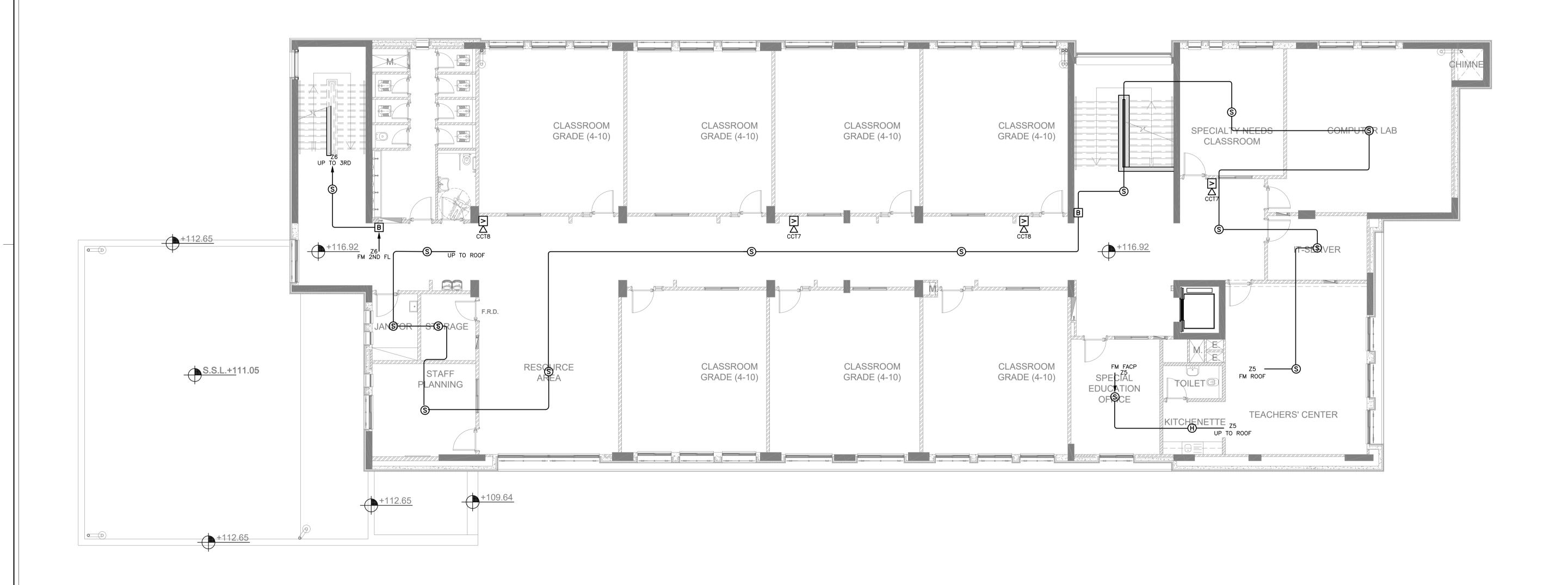






: 111	Thahr Al Sarow Basic School For Boys
	(Jerash)
SE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY
	PROJECT (USAID SKEP)

DRAWING NAME:			Design:	Drawn:	Checked:	North :
SECOND FLOOR PLAN			M.A.	CAD	K.AH.	
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435 Thahr Al Sarow 4 Dair Alliat				SKEP 14	-FA103	0
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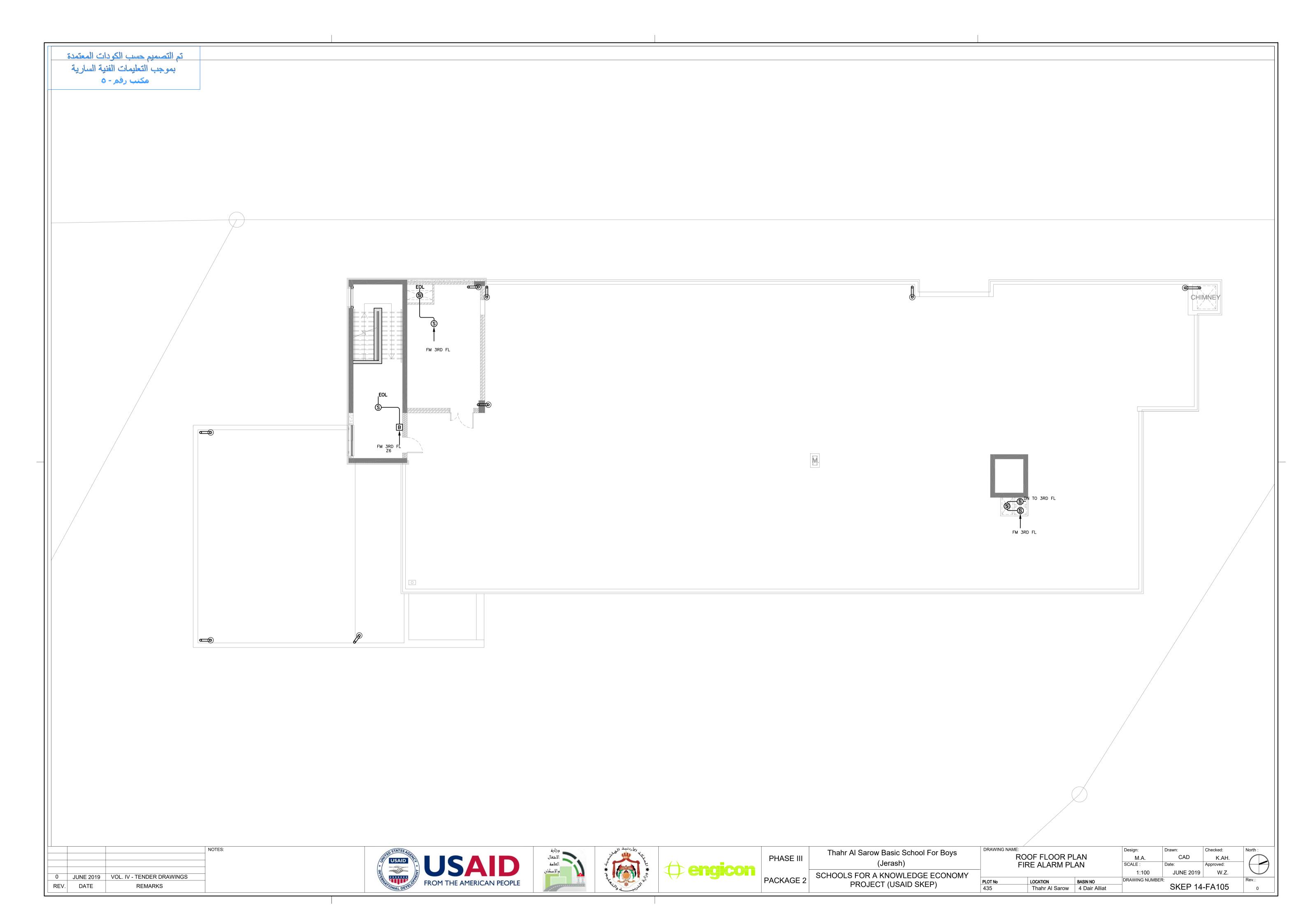


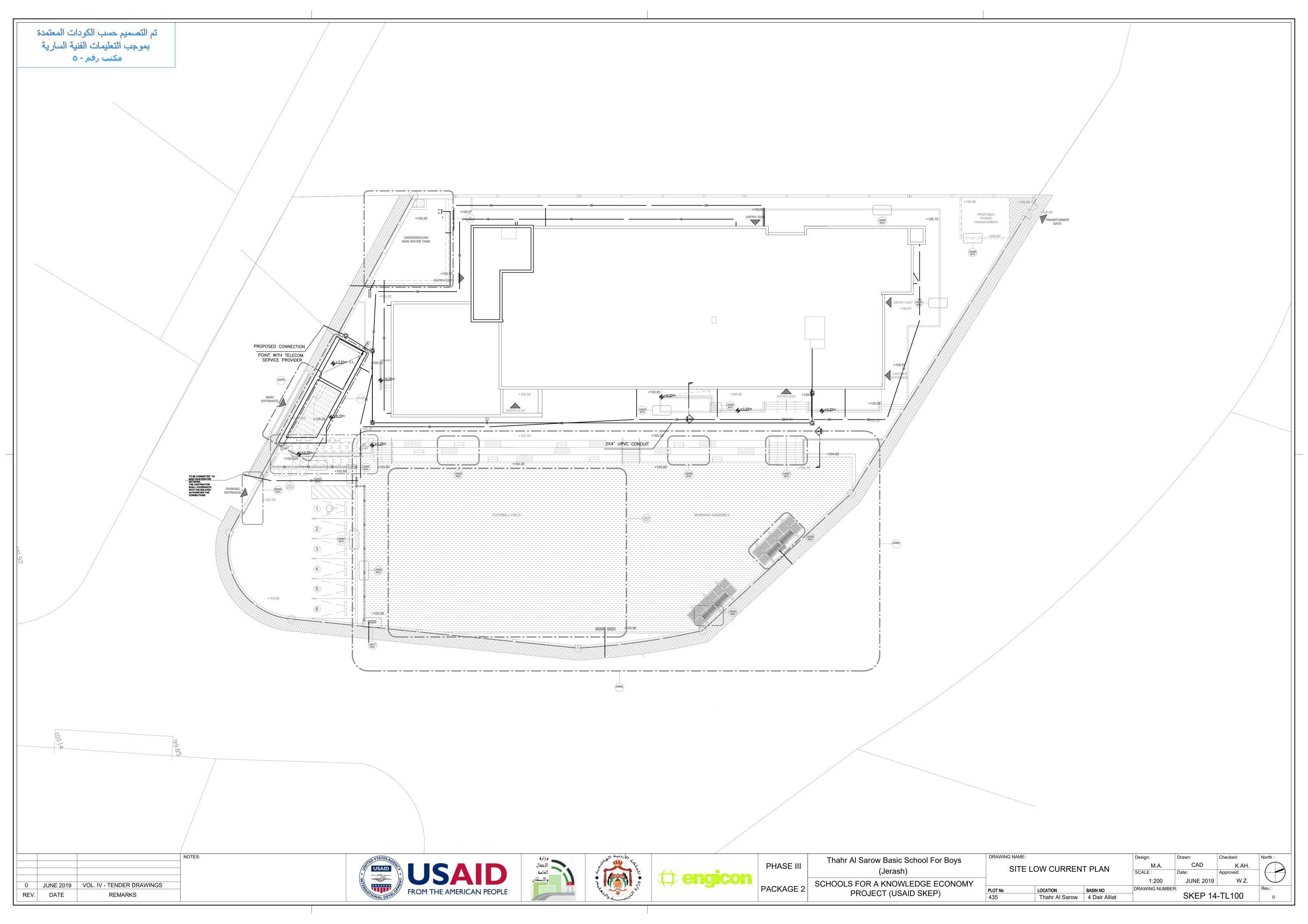


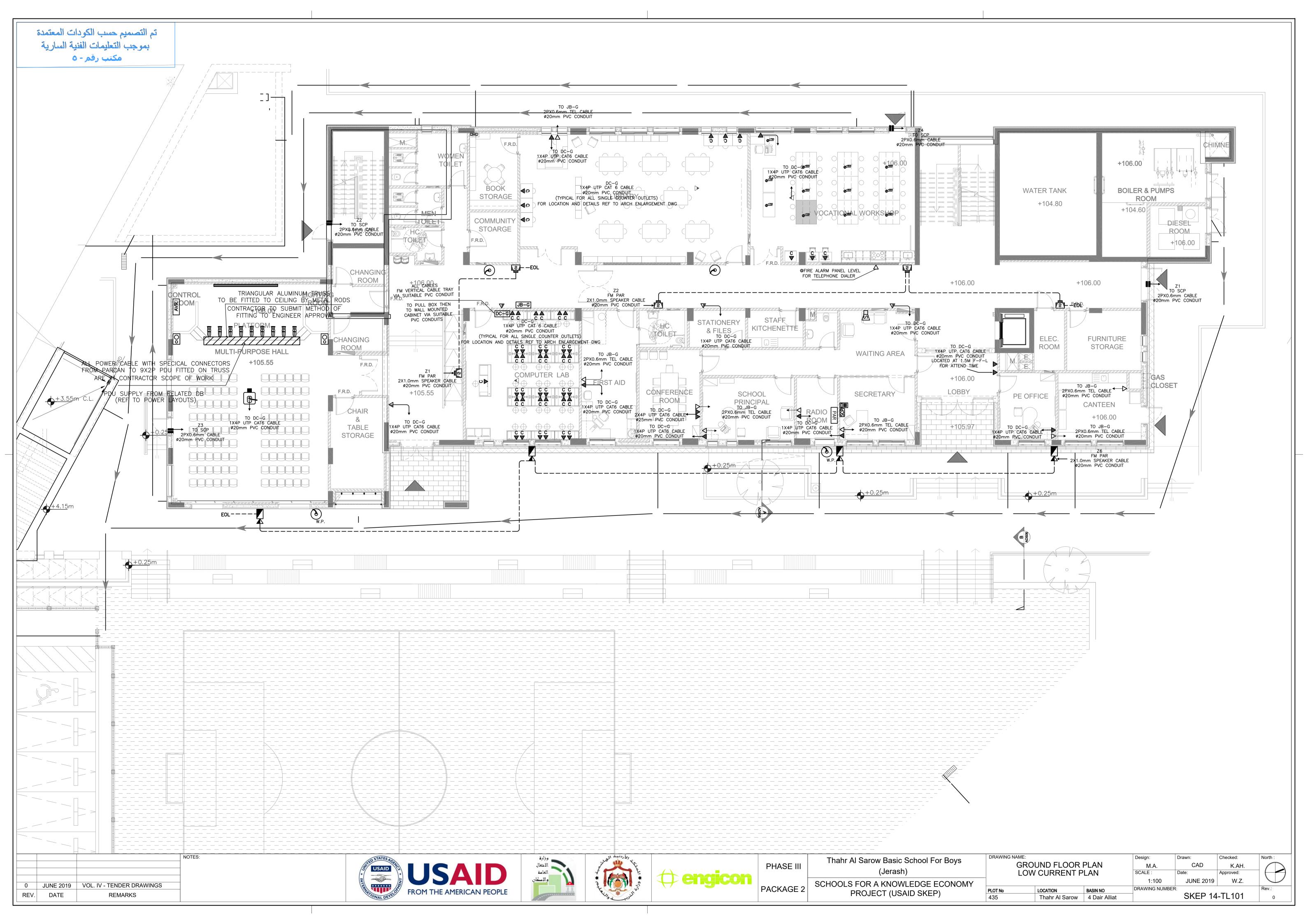


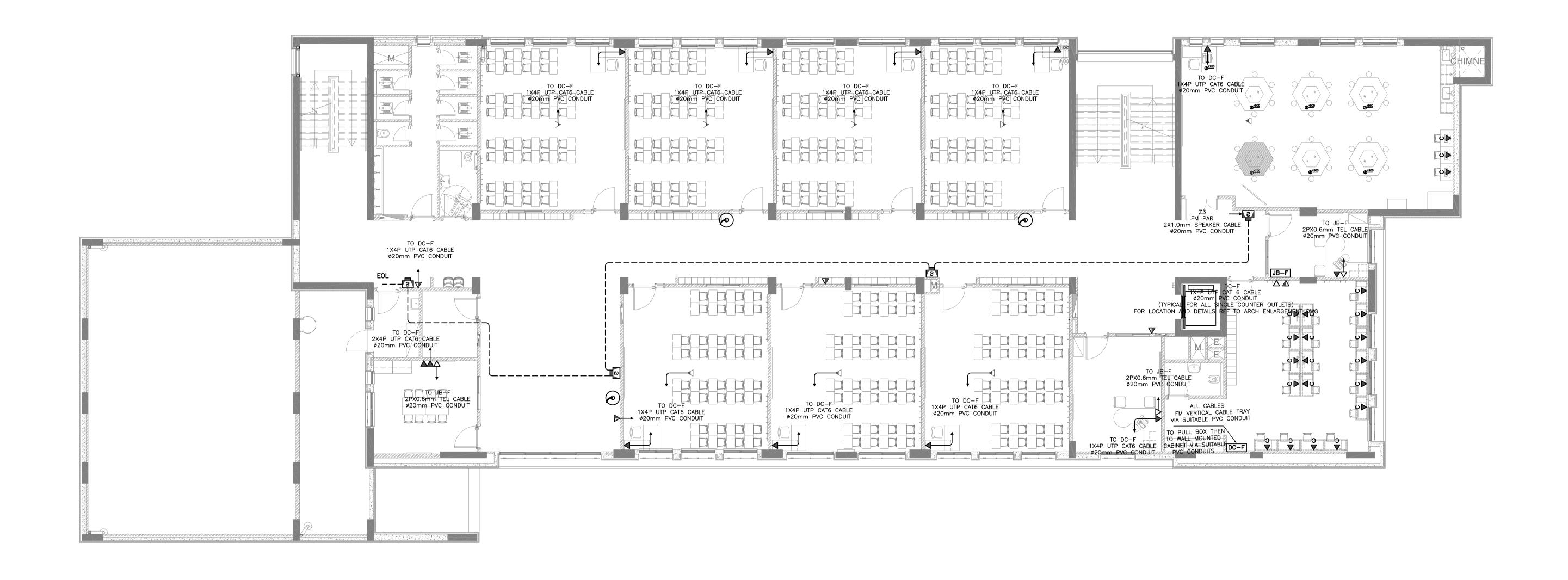
PHASE III	Thahr Al Sarow Basic School For Boys (Jerash)
ACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

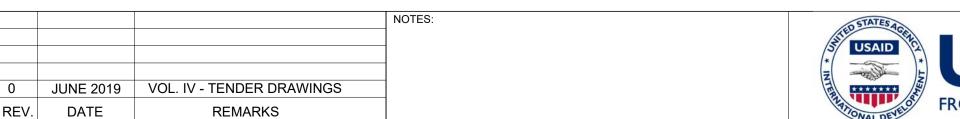
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THIRD FLOOR PLAN			M.A.	CAD	K.AH.			
FIRE PLAN		SCALE:	Date:	Approved:				
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PLOT No	LOCATION	BASIN NO	DRAWING NUMBE	DRAWING NUMBER:				
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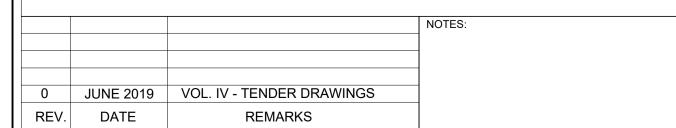




PHASE III	Thahr Al Sarow Basic School For Boys (Jerash)
PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)

DRAWING NAME:		Design:	Drawn:	Checked:	North :
FIRST FLOOR P	M.A.	CAD	K.AH.		
LOW CURRENT F	PLAN	SCALE:	Date:	Approved:	
		1:100	JUNE 2019	W.Z.	
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Thahr Al Sarow	4 Dair Alliat		SKEP 14	-TL102	0











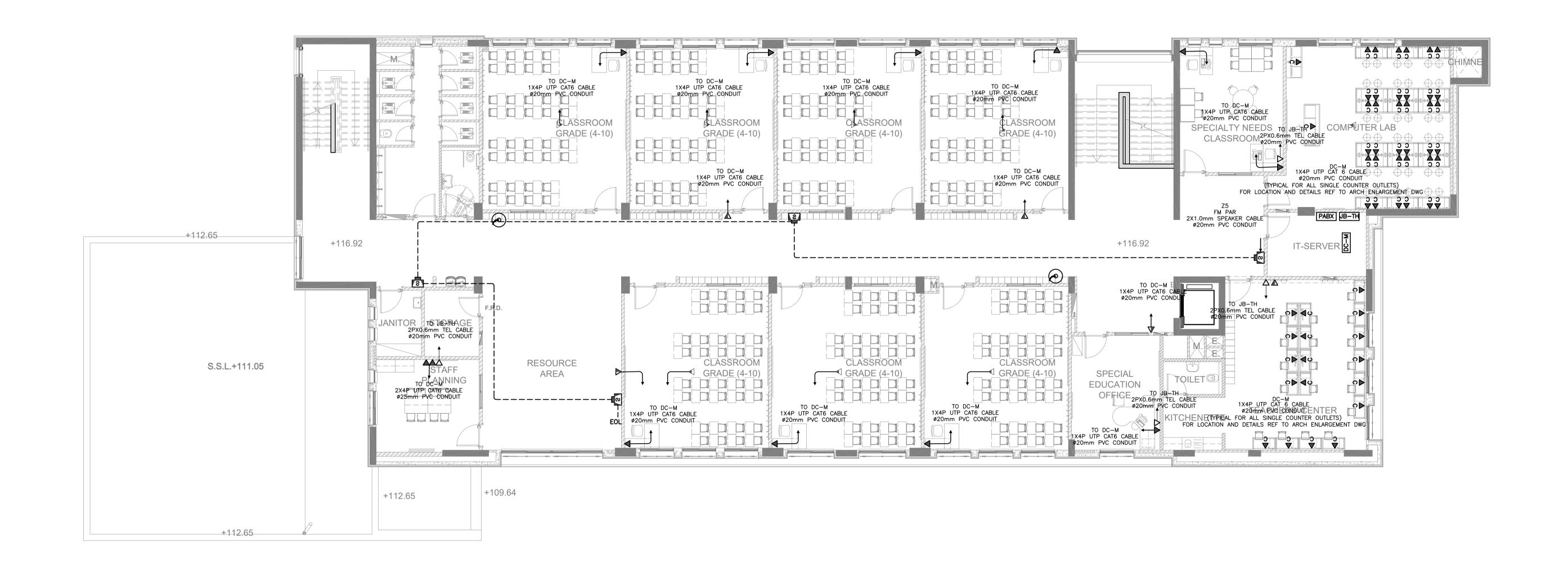


<u> </u>	PHASE III	
	PACKAGE 2	

	Thahr Al Sarow Basic School For Boys
	(Jerash)
	SCHOOLS FOR A KNOWLEDGE ECONOMY
_	PROJECT (USAID SKEP)

VING NAME:			Design:	Drawn:	Checked:	North:
SEC	OND FLOOR I	PLAN	M.A.	CAD	K.AH.	
LOW	' CURRENT P	PLAN	SCALE:	Date:	Approved:	
			1:100	JUNE 2019	W.Z.	
lo	LOCATION	BASIN NO	DRAWING NUMBER	DRAWING NUMBER:		Rev.:
	Thahr Al Sarow	4 Dair Alliat		SKEP 14	-TL103	0

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			NOTES:
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REV.	DATE	REMARKS	





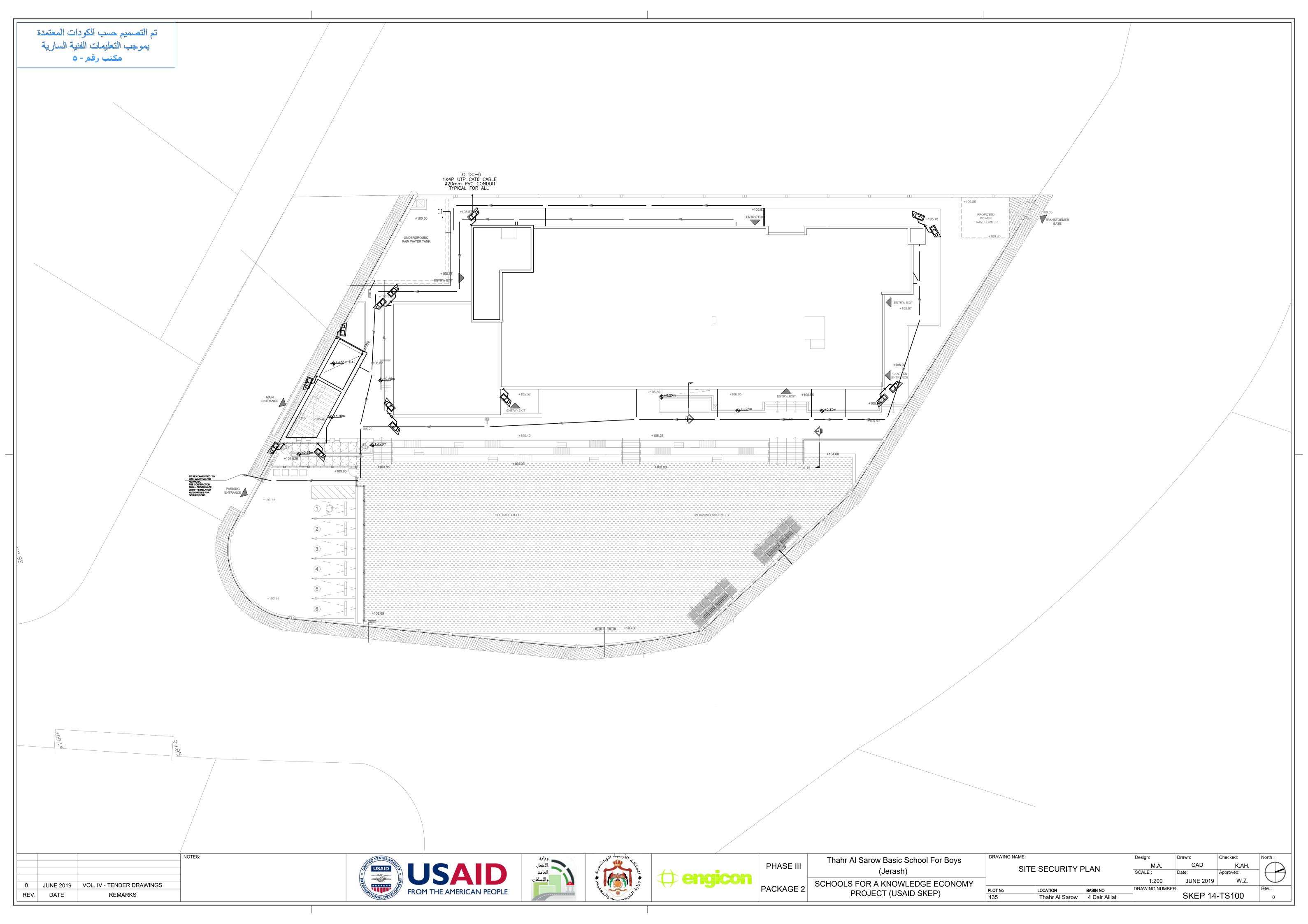


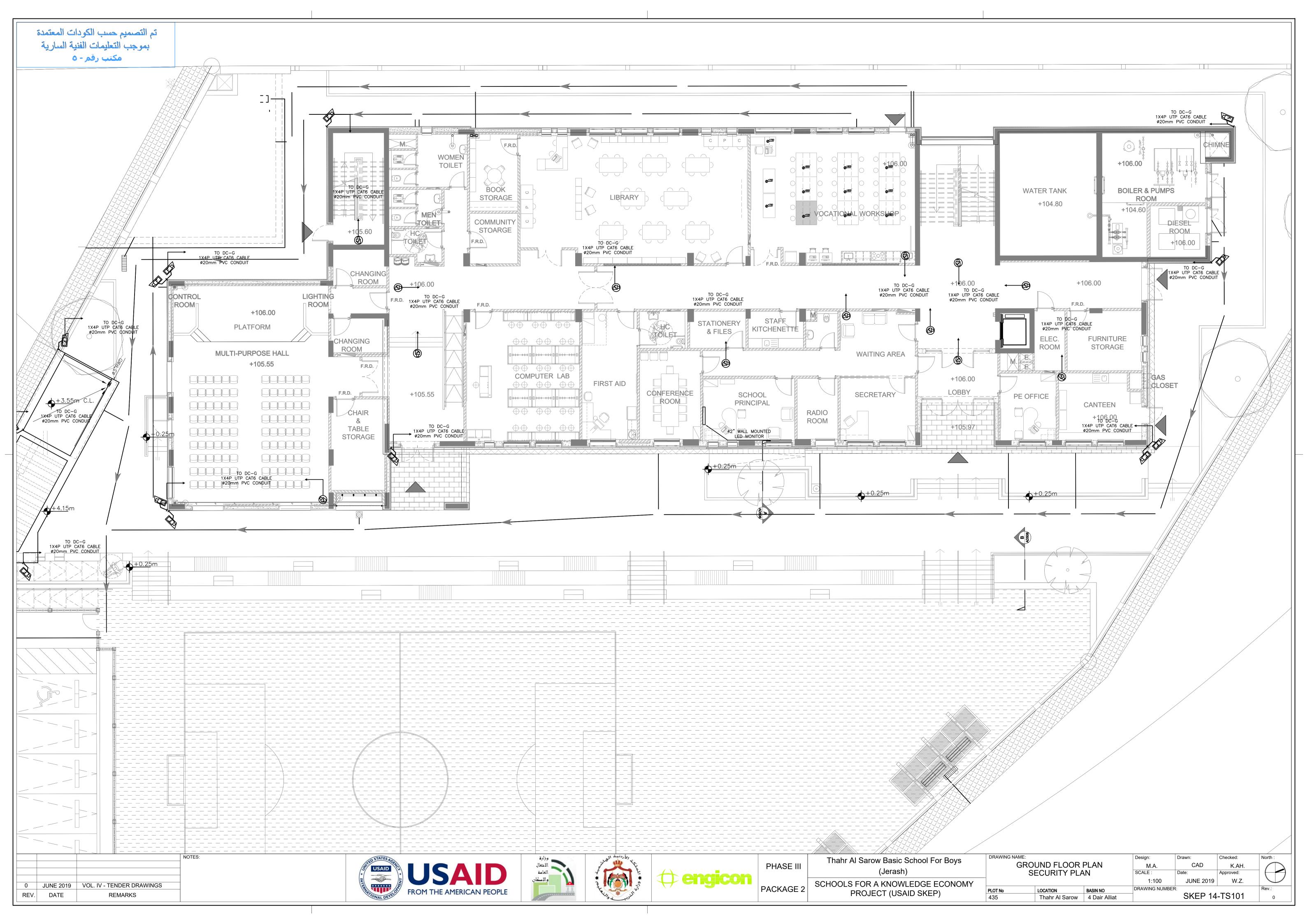


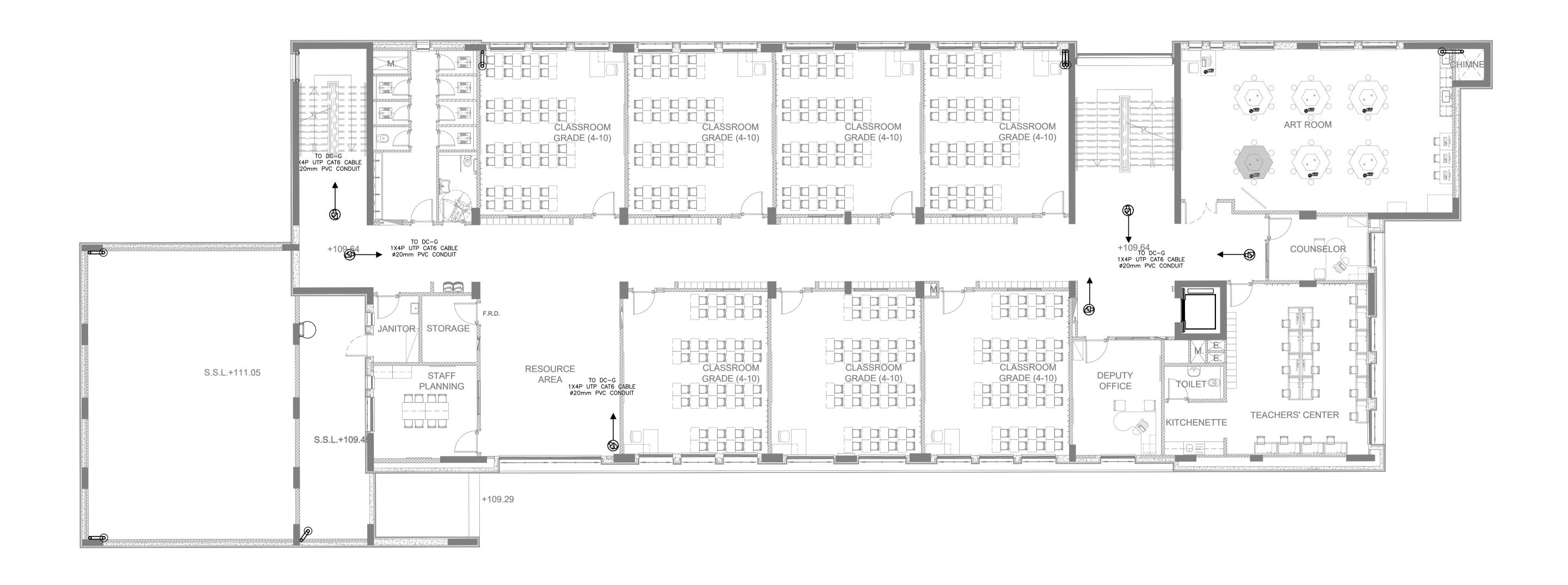
	Thahr Al Sarow Basic School For Boys
PHASE III	(Jerash)
	SCHOOLS FOR A KNOWLEDGE ECONOMY
PACKAGE 2	PROJECT (USAID SKEP)

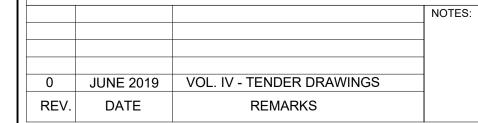
435

ING NAME:			Design:	Drawn:	Checked:	
THIRD FLOOR PLAN			M.A.	CAD	K.AH.	
LOW	CURRENT P	LAN	SCALE:	Date:	Approved:	
			1:100	JUNE 2019	W.Z.	
0	LOCATION	BASIN NO	DRAWING NUMBER	==		
	Thahr Al Sarow	4 Dair Alliat		SKEP 14	-1L104	











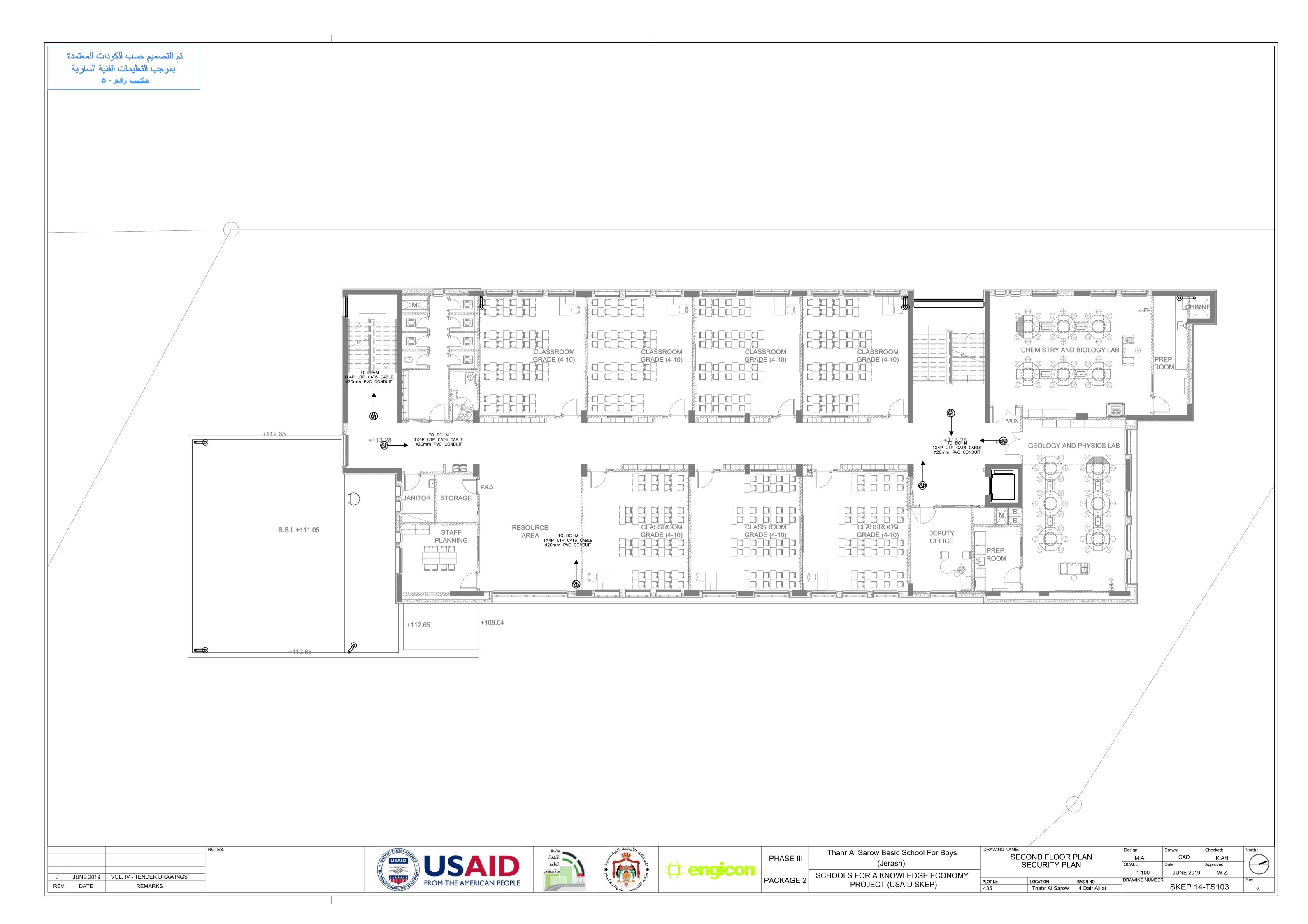


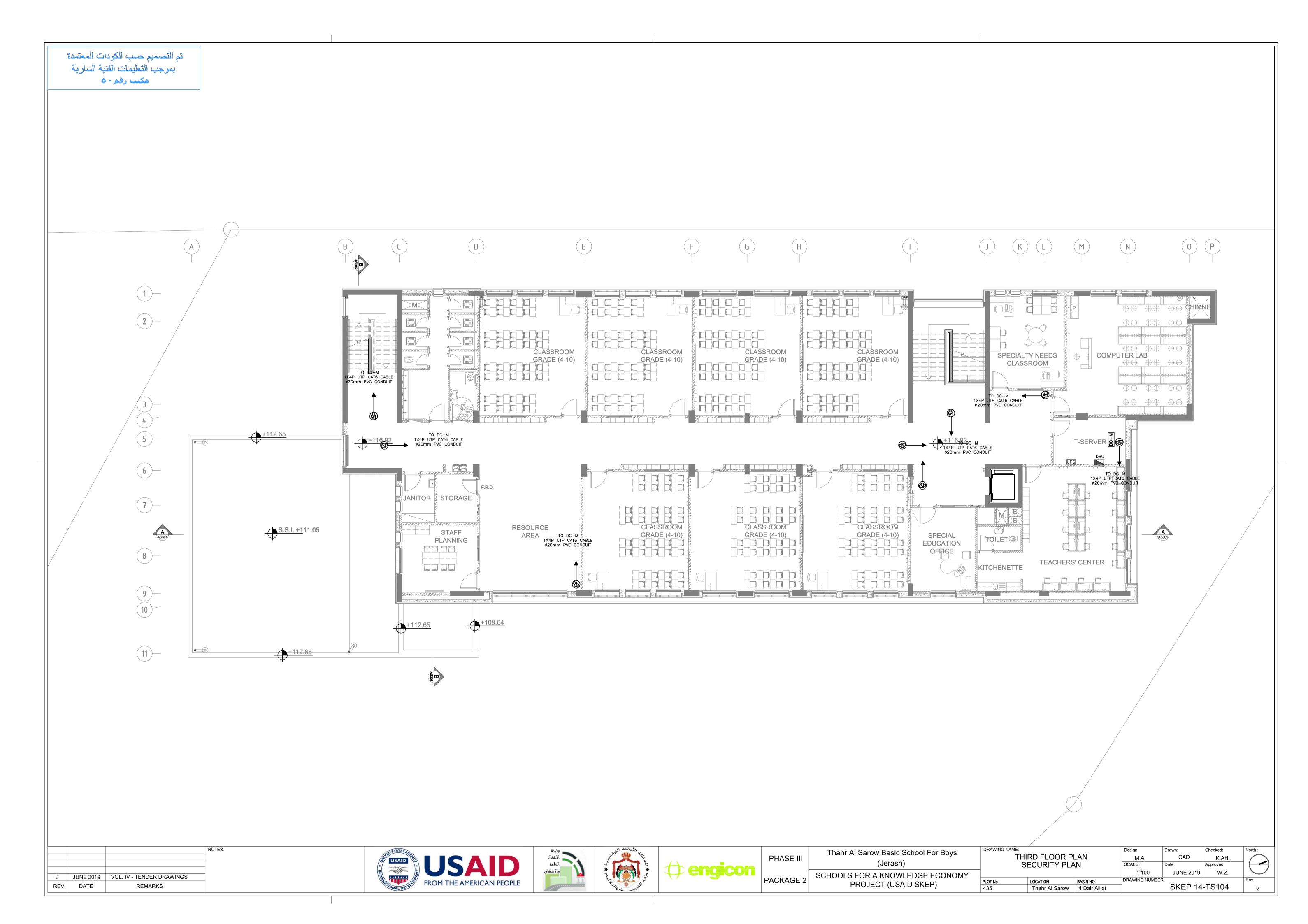




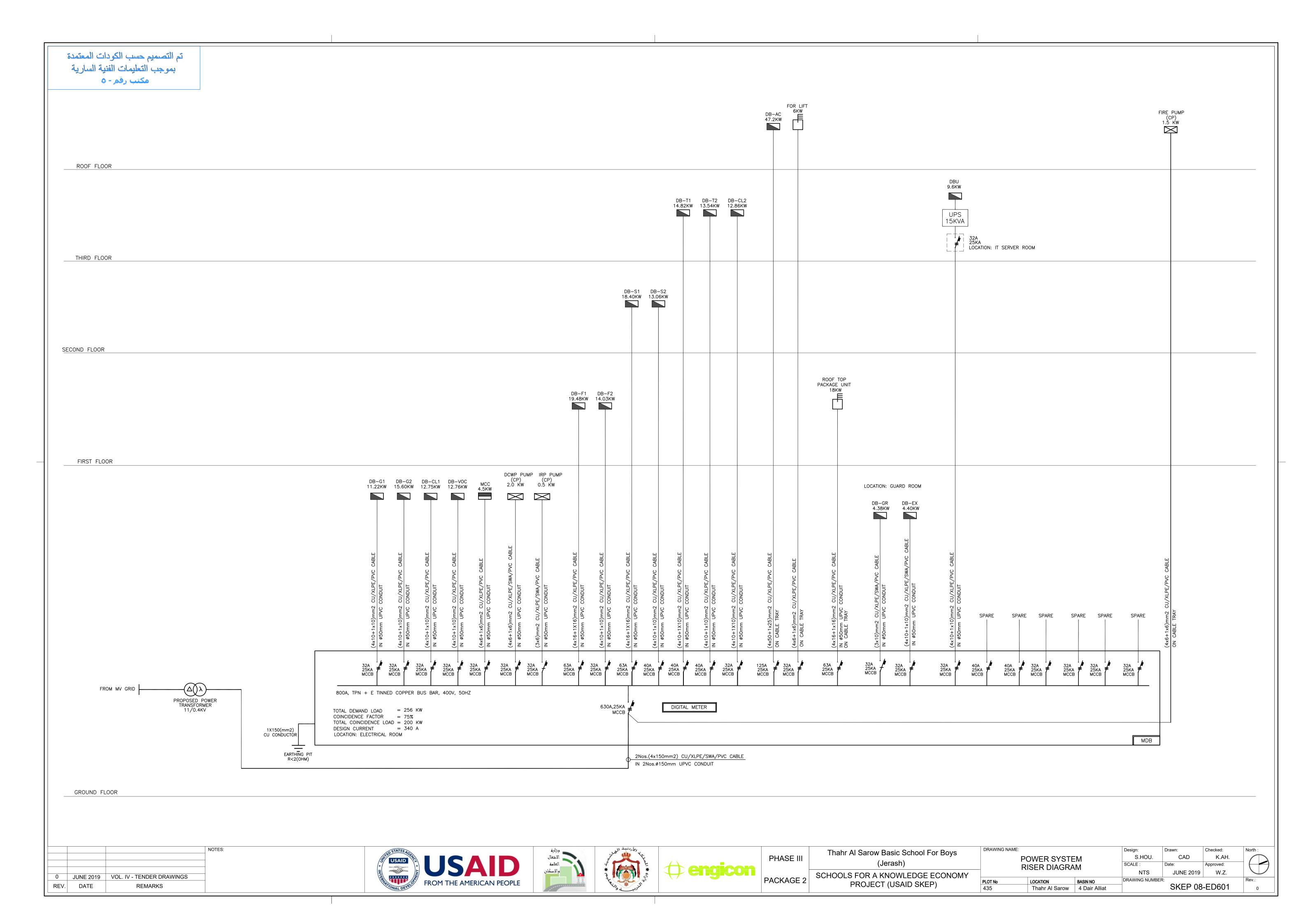
	Thahr Al Sarow Basic School For Boys					
HASE III	(Jerash)					
	SCHOOLS FOR A KNOWLEDGE ECONOMY					
CKAGE 2	PROJECT (USAID SKEP)					

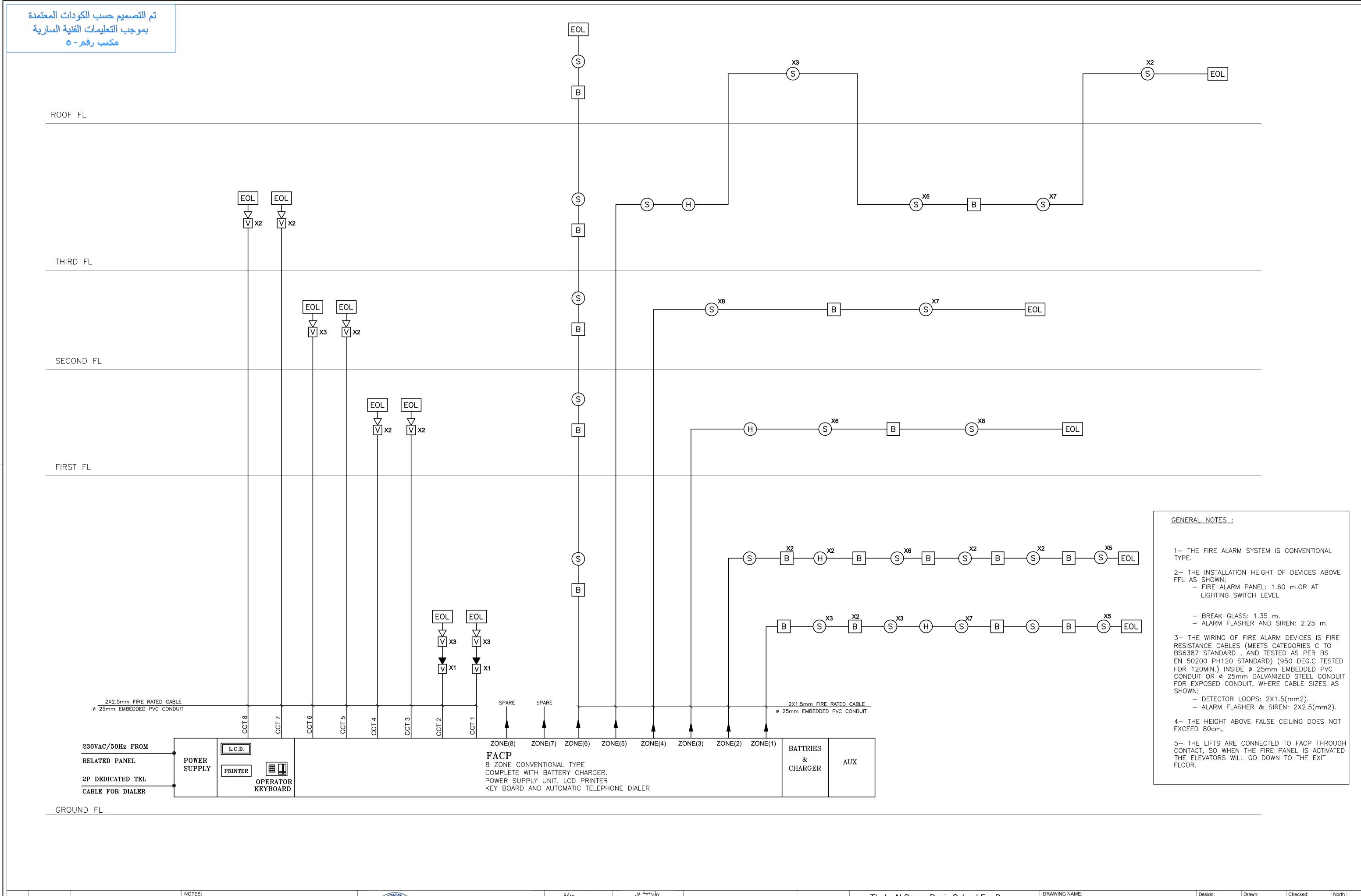
AWING NAME:		Design:	Drawn:	Checked:	North :	
FIRST FLOOR PLAN			M.A.	CAD	K.AH.	
SECURITY PLAN		SCALE:	Date:	Approved:	7 (
		1:100	JUNE 2019	W.Z.		
T No	LOCATION	BASIN NO	DRAWING NUMBER	DRAWING NUMBER:		
5	Thahr Al Sarow	4 Dair Alliat		SKEP 14	-TS102	0



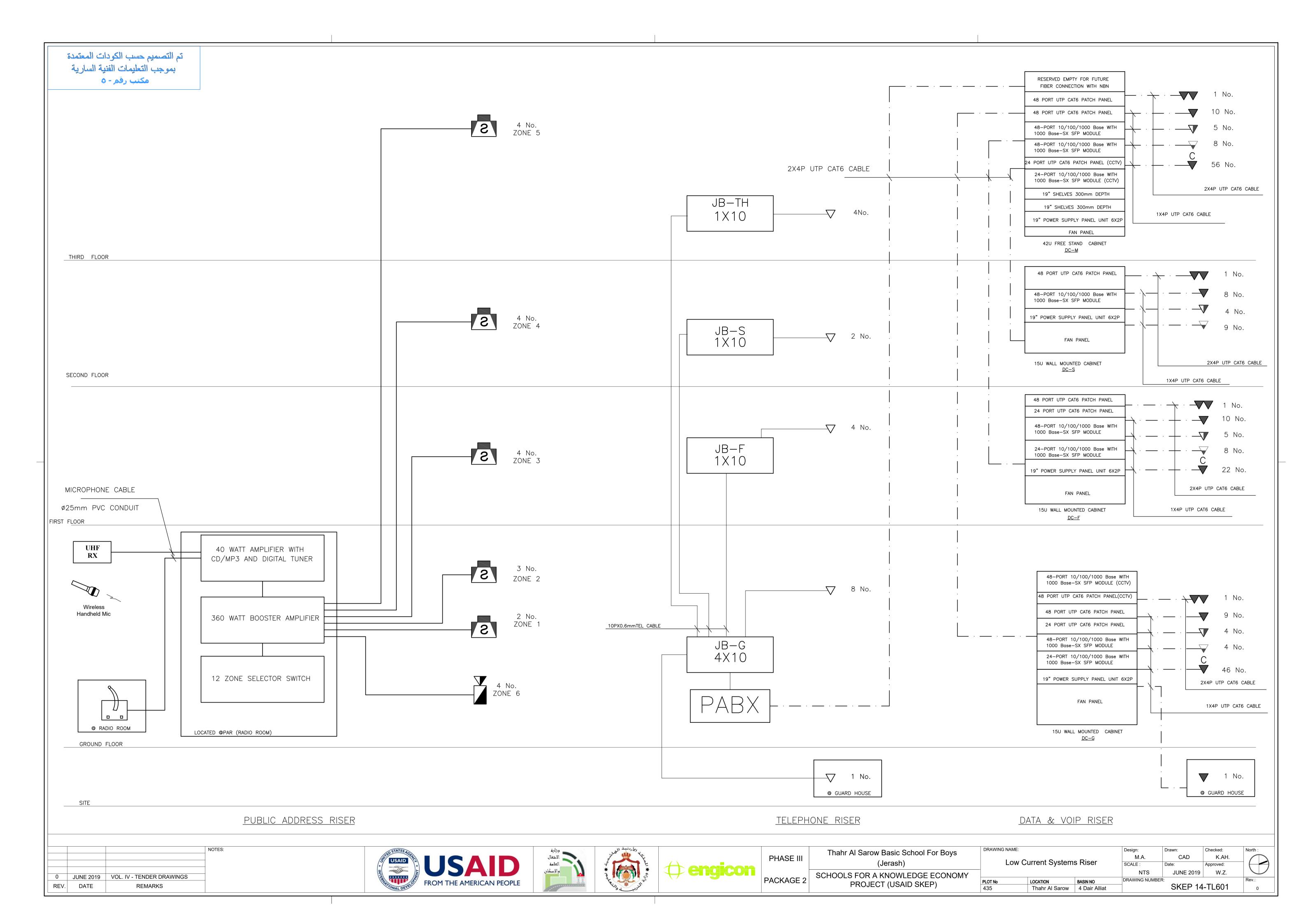


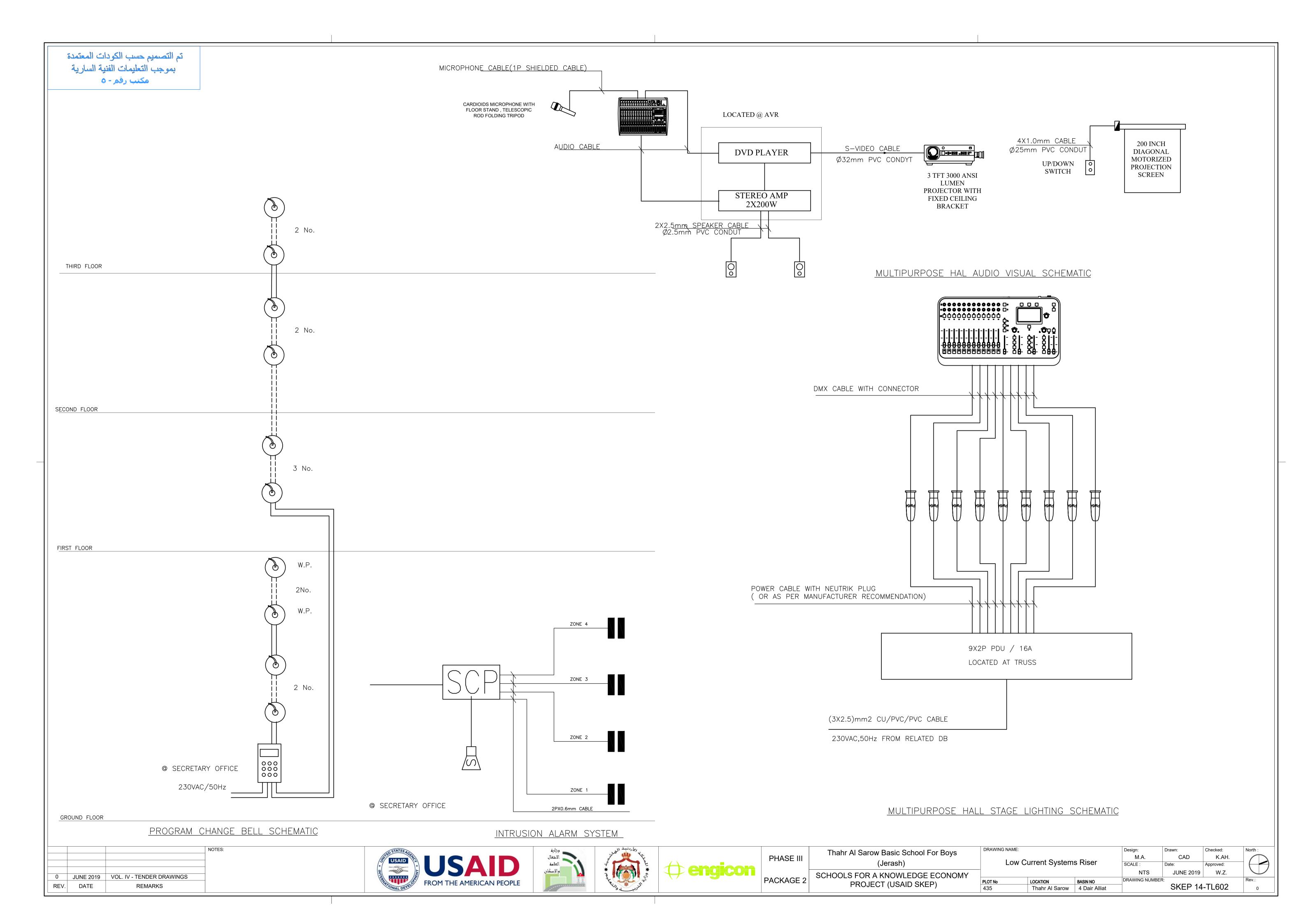
تم التصميم حسب الكودات المعتمدة بموجب التعليمات الفنية السارية مکتب رقم - ۵ +121.95 +122.73 +122.73 CHIMNEY +121.43 MECHANICAL ROOM +120.56 +120.41 S.S.L. +122.73 TO DC-M 1X4P UTP CAT6 CABLE \$20mm PVC CONDUIT 20.56 +112.65 +120.56 +120.41 S.S.L. ••• MECHANICAL ROOM **M**. +121.61 S. .L.+121.12 A AS301 S.S.L.+111.05 +120.41 S.S.L. +121.95 +109.64 +112.65 +112.65 NOTES: Thahr Al Sarow Basic School For Boys ROOF FLOOR PLAN SECURITY PLAN M.A. PHASE III (Jerash) JUNE 2019 W.Z. 1:100 SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP) 0 JUNE 2019 VOL. IV - TENDER DRAWINGS PLOT No 435 LOCATION BASIN NO
Thahr Al Sarow 4 Dair Alliat REMARKS SKEP 14-TS105 REV. DATE

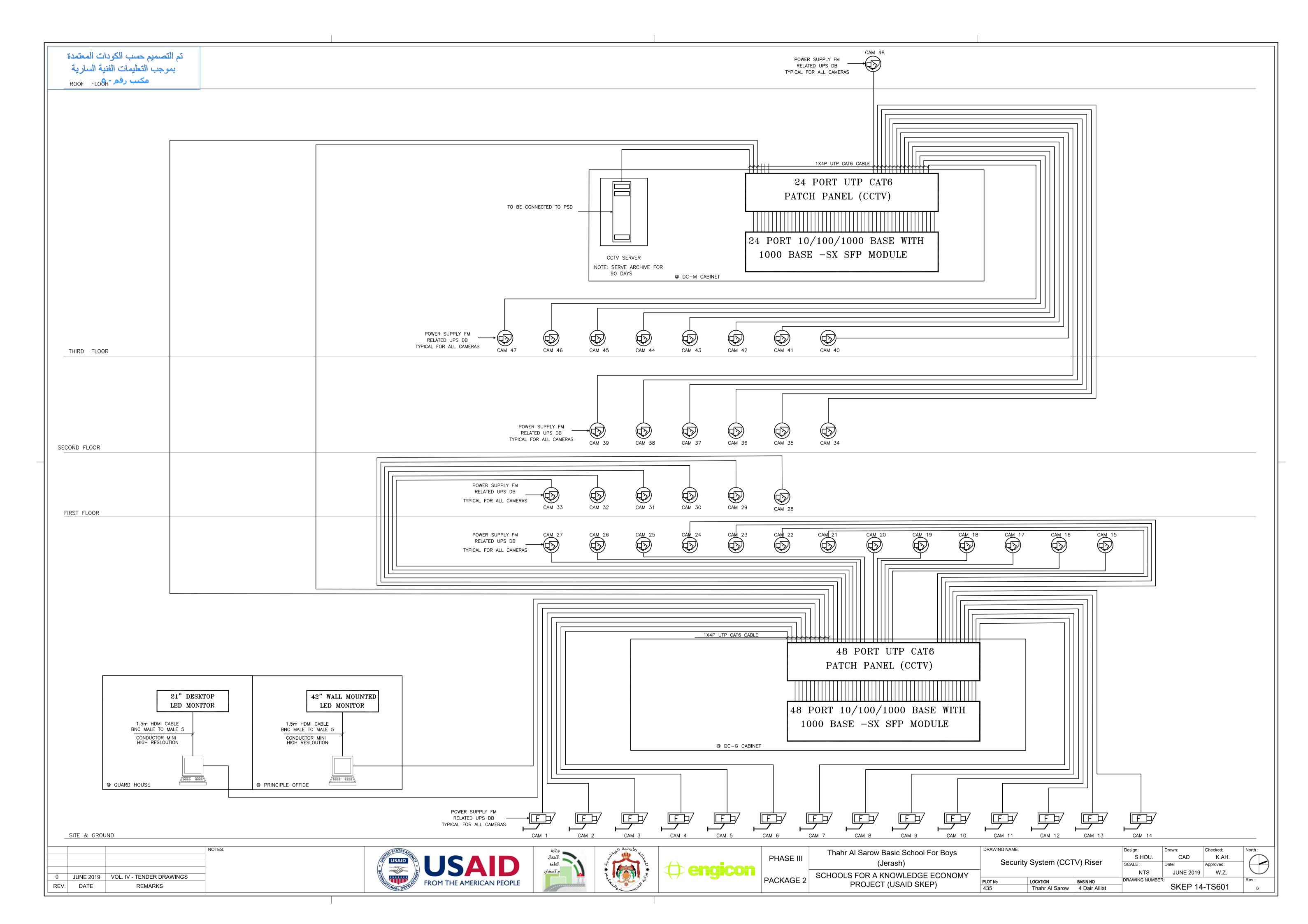




NOTES:	SALED STATES AGENTAL SALED STATES AGENTAL SALED STATES AGENTAL SALED STATES AGENTAL SALED	وزارة الاشغال العامة	المردنية الماتي		PHASE III	Thahr Al Sarow Basic School For Boys (Jerash)		E ALARM SYST		Design: M.A. SCALE:	Drawn: CAD Date:	Checked: K.AH. Approved:	North :
0 JUNE 2019 VOL. IV - TENDER DRAWINGS REV. DATE REMARKS	FROM THE AMERICAN PEOPLE	والإسكان	* at the state of	(engicon	PACKAGE 2	SCHOOLS FOR A KNOWLEDGE ECONOMY PROJECT (USAID SKEP)	PLOT No 435		BASIN NO 4 Dair Alliat	NTS DRAWING NUMBER	JUNE 2019 R: SKEP 14	w.z. 4-FA601	Rev.:







تم التصميم حسب الكودات المعتمدة

	9		1																
1 -11	11-1-1-11																		
PANEL NAME	DB-COC TYPE	CSH) INC		S		Continue Cont. Elect	00v,50Hz,4	Collections	725 570	0	Up. 2					VOCATIO	and the second s		
CIRCUIT	Description	phase	phase	phase B	С.В	AMP	SIZE OF WIRE	SIZE OF		YE	SIZE OF CONDUIT		AMP	С.В	phase R	phase Y	phase B	Description	CIRCU
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)	**	NO.
L1	LIGHTING	525			1	10	3X2.5	20	X					13	1000			121.0110 00000	
L2	LIGHTING	1	825		2	10	3X4.0	20		X	32	5X4.0	20	14		1000		SOCKET OUTLETS	P10
L3	SPARE				3	10		20		Х				15			1000		
P1	SOCKET OUTLETS	1500			4	20	3X4.0	20	X					16	1000				
P2	SOCKET OUTLETS		1500		5	20	3X4.0	20		X	32	5X4.0	20	17		1000		SOCKET OUTLETS	P11
P3	SOCKET OUTLETS			1500	6	20	3X4.0	20		X				18			1000		5
P4	SOCKET OUTLETS	1500			7	20	3X4.0	20	X		20							SPARE	
P5	SOCKET OUTLETS		1500		8	20	3X4.0	20		X	20							SPARE	
P6	SOCKET OUTLETS			1500	9	20	3X4.0	20		X	20							SPARE	
P7	SOCKET OUTLETS	1200			10	20	3X4.0	20	X		20							SPARE	5
P8	SOCKET OUTLETS		800		11	20	3X4.0	20	П	X	20							SPARE	
P9	SOCKET OUTLETS			600	12	20	3X4.0	20	\top	X	20							SPACE	
CONNECTE	D LOAD (W)	4725	4625	3600					10-10						2000	2000	2000	CONNECTED LO	AD(W)
TOTAL CONN	ECTED LOAD"R"		6725												CABLE S	IZE: (4X1)mm2 Cl	J/XLPE/PVC+(1X10)mm2 Eart	thing Condu
TOTAL CONN	ECTED LOAD "Y"		6625												FED FRO	M: MDB			
TOTAL CONN	ECTED LOAD"B"		5600	-											BREAKE	R SIZE: 10	OA ISOLA	TOR.	
TOTAL CONN	ECTED LOAD(KW)		18.95																
DEMAND FAC	TOR		0.8																
TOTAL DEMA	ND LOAD(KW)		15.16																
DESIGN CURR	ENT		25.77		1.														

PANEL NAME : DB	-T2 Type: FLU	SH MOUNT	ED	3	PHASE	,400v,5	0Hz,4W&		33				PAI	NEL LO	CATION	: THIRD F	LOOR		
CIRCUIT	Description	phase R	phase Y	phase B	С.В	AMP	SIZE OF WIRE			Y	SIZE OF B CONDUIT	The Control of the Co	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)	Access as Tolkerick	NO.
L1	LIGHTING	520			1	10	3x2.5	20	Х	П	20	3x4	16	13	1800	P. C.		SOKET OUTLET	P1
L2	LIGHTING		520		2	10	3x2.5	20	П	X	20	3x4	16	14		1800		SOKET OUTLET	P2
L3	LIGHTING			520	3	10	3x2.5	20			X 20	3x4	16	15		J.	1800	SOKET OUTLET	P3
L4	LIGHTING	520			4	10	3x2.5	20	Х		20	3x4	16	16	1800			SOKET OUTLET	P4
L5	LIGHTING		520		5	10	3x2.5	20		X	20	3x4	16	17		1800		SOKET OUTLET	P5
L6	LIGHTING	1		320	6	10	3x2.5	20		1	X 20	3x4	16	18	1		1200	SOKET OUTLET	P6
L7	LIGHTING	310			7	10	3x2.5	20	Х		20	3x4	16	19	600			SOKET OUTLET	P7
L8	LIGHTING		360		8	10	3x2.5	20	П	X	20	3x4	16	20		1000		SOKET OUTLET	P8
L9	LIGHTING			331	9	10	3x2.5	20		1	X 20		16	21			1200	EWH	P9
L10	SPARE				10	10		20	Х		20		16	22				SPARE	
L11	SPARE				11	10		20		X	20		16	23				SPARE	
L12	SPARE				12	10	, v	20	П		X 20		16	24				SPARE	la .
CONNECTED L	OAD (W)	1350	1400	1171											4200	4600	4200	CONNECTED LO	AD(W)
TOTAL CONNECTE	D LOAD"R"		5550]										CABLE S	ZE: (4X10)mm2 Cl	J/XLPE/PVC+(1X10)mm2 Earl	thing Conducto
TOTAL CONNECTE	D LOAD "Y"		6000												FED FRO	M: MDB			
TOTAL CONNECTE	D LOAD"B"		5371												BREAKER	R SIZE: 10	OA ISOLA	TOR.	
TOTAL CONNECTE	D LOAD(KW)		16.92																
DEMAND FACTOR			0.8																
TOTAL DEMAND	LOAD(KW)		13.54																
DESIGN CURRENT			23.01																

PANEL NAME : DB-	Π Type: FLU	SH MOUNT	TED		BPHASI	E,400v,	50Hz,4W&	E	25 25	100	22 2		PAI	NEL L	OCATION	: THIRD F	LOOR		14.0
CIRCUIT	Description	phase R	phase Y	phase B	с.в	АМР		SIZE OF CONDUIT	R	YE	SIZE OF	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.	•	(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO	. (W)	(W)	(W)		NO.
L1	LIGHTING	520			1	10	3x2.5	20	х		20	3x4	16	19	1200			SOKET OUTLET	P6
L2	LIGHTING		520		2	10	3x2.5	20		X	20	3x4	16	20		1200		SOKET OUTLET	P7
L3	LIGHTING	1		120	3	10	3x2.5	20		X	20	3x4	16	21	1		1600	SOKET OUTLET	P8
L4	LIGHTING	120			4	10	3x2.5	20	X		20	3x4	16	22	1600			SOKET OUTLET	P9
L5	LIGHTING		650		5	10	3x2.5	20		X	20	3x4	16	23		200		SOKET OUTLET	P10
L6	SPARE				6	10	3x2.5	20		Х	20	3x4	16	24			1000	SOKET OUTLET	P11
L7	SPARE				7	10	3x2.5	20	X		20	3x4	16	25	1800			SOKET OUTLET	P12
P1	SOKET OUTLET		1800		8	16	3x4	20		X	20	3x4	16	26		1200		EWH	P13
P2	SOKET OUTLET			1800	9	16	3x4	20		X	20		16	27				SPARE	P14
P3	SOKET OUTLET	800			10	16	3x4	20	X		20		16	28				SPARE	P15
P4	SOKET OUTLET		800		11	16	3x4	20	П	X	20		16	29				SPARE	P16
P5	SOKET OUTLET			1600	12	16	3x4	20		X	20		16	30				SPARE	P17
CONNECTED LC	AD (W)	1440	3770	3520								•			4600	2600	2600	CONNECTED LO	DAD(W)
TOTAL CONNECTED	LOAD"R"		6040		1										CABLE S	IZE: (4X10	0)mm2 CL	J/XLPE/PVC+(1X10)mm2 Ear	thing Conducto
TOTAL CONNECTED	LOAD "Y"		6370		1										FED FRO	M: MDB	-		
TOTAL CONNECTED	LOAD"B"		6120		1										BREAKE	R SIZE: 10	OA ISOLA	TOR.	
TOTAL CONNECTED	LOAD(KW)		18.53		1														
DEMAND FACTOR	A 10		0.8		1										1				
TOTAL DEMAND L	OAD(KW)		14.82		1														
DESIGN CURRENT			25.20																

PANEL NAME : DBU	Type: FLUSH	MOUNTED)	3PHA	SE,400	v,50Hz	4W&E		00-00	10	PANEL LOCA	ATION: IT	SERVER					0	100
CIRCUIT	Description	phase R	phase Y	phase B	С.В	AMP	SIZE OF WIRE	SIZE OF CONDUIT	R	YE	SIZE OF CONDUIT	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)		NO.
P1	SOCKET OUTLET	750	J		1	16	3X4.0	20	X		20	3X4.0	16	13	400			DC-S	P13
P2	SOCKET OUTLET		450		2	16	3X4.0	20		X	20	3X4.0	16	14		450		SOCKET OUTLET	P14
P3	SOCKET OUTLET			900	3	16	3X4.0	20		X	20	3X4.0	16	15			600	SOCKET OUTLET	P15
P4	SOCKET OUTLET	450			4	16	3X4.0	20	X		20	3X4.0	16	16	400			DC-M	P16
P5	DC-G		400		5	16	3X4.0	20	П	X	20	3X4.0	16	17		750		SOCKET OUTLET	P17
P6	SOCKET OUTLET			750	6	16	3X4.0	20	П	X	20	3X4.0	16	18			500	FACP	P18
P7	SOCKET OUTLET	600			7	16	3X4.0	20	X		20	3X4.0	16	19				SAPRE	
P8	SOCKET OUTLET		450		8	16	3X4.0	20		X	20	12	16	20				SAPRE	Ž.
P9	SOCKET OUTLET			450	9	16	3X4.0	20		X	20	53	16	21	y			SAPRE	0
P10	DC-F	400	1		10	16	3X4.0	20	X		20		16	22				SAPRE	
P11	SOCKET OUTLET		450		11	16	3X4.0	20	П	X	20		16	23				SPACE	
P12	SOCKET OUTLET			450	12	16	3X4.0	20	П	X	20		16	24				SPACE	7
CONNECTED LO	OAD (W)	2200	1750	2550											800	1200	1100	CONNECTED LC	AD(W)
TOTAL CONNECTED	LOAD"R"		3000												CABLE S	ZE: (4X10)mm2 CU	/XLPE/PVC+(1X10)mm2 Ear	thing Conduct
TOTAL CONNECTED	LOAD "Y"		2950												FED FRO	M: MDB	*	2 38	
TOTAL CONNECTED	LOAD"B"		3650												BREAKER	R SIZE: 10	OA ISOLAT	OR.	
TOTAL CONNECTED	LOAD(KW)		9.60																
DEMAND FACTOR			1																
OTAL DEMAND L	OAD(KW)		9.60																
DESIGN CURRENT			16.32																

PANEL NAME : DB-	S1 Type: FLUS	H MOUNT			BPHASE		0Hz,4W&		3 13	0.5	95 -	2	PAN	EL LO		SECOND			5
CIRCUIT	Description	phase R	phase Y	phase B	С.В	AMP	SIZE OF WIRE	SIZE OF CONDUIT	R	r B	SIZE OF	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUI
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)		NO.
L1	LIGHTING	520			1	10	3x2.5	20	Х	Т	20	3x4	16	19	400			SOKET OUTLET	P7
L2	LIGHTING		520		2	10	3x2.5	20	7	<	20	3x4	16	20		800		SOKET OUTLET	P8
L3	LIGHTING			320	3	10	3x2.5	20		X	20	3x4	16	21		Ĵ	1600	SOKET OUTLET	P9
L4	LIGHTING	580			4	10	3x2.5	20	X		20	3x4	16	22	600			SOKET OUTLET	P10
L5	LIGHTING		240		5	10	3x2.5	20	 	(20	3x4	16	23		400		SOKET OUTLET	P11
L6	LIGHTING			700	6	10	3x2.5	20		X	20	3x4	16	24			1600	SOKET OUTLET	P12
L7	LIGHTING	400			7	10	3x2.5	20	X		20	3x4	16	25	800	0		SOKET OUTLET	P13
L8	LIGHTING		600		8	10	3x2.5	20	\	(20	3x4	16	26		200		SOKET OUTLET	P14
L9	LIGHTING			280	9	10	3x2.5	20		X		3x4	16	27			1200	SOKET OUTLET	P15
L10	SPARE				10	10		20	X		20	3x4	16	28	1200	1		EWH	P16
L11	SPARE			i,	11	10		20)	(20	3x4	16	29		1200		EWH	P17
L12	SPARE				12	10		20		X	20	3x4	16	30			400	EX.F	P18
P1	SOCKET OUTLET	1800			13	16	3x4	20	X		20		16	31				SPARE	
P2	SOCKET OUTLET		1800		14	16	3x4	20	 	(20		16	32				SPARE	
P3	SOCKET OUTLET			800	15	16	3×4	20		X	20		16	33				SPARE	
P4	SOCKET OUTLET	800			16	17	3x5	20	X	\perp	20		16	34				SPARE	
P5	SOCKET OUTLET		1600		17	18	3x6	20	 	(20		16	35				SPACE	
P6	SOCKET OUTLET			1600	18	19	3x7	20		X	20		16	36				SPACE	
CONNECTED LO	DAD (W)	4100	4760	3700											3000	2600	4800	CONNECTED LO	AD(W)
OTAL CONNECTE	D LOAD"R"		7100												CABLE S	ZE: (4X1	6)mm2 Cl	J/XLPE/PVC+(1X16)mm2 Eart	thing Condu
OTAL CONNECTE	D LOAD "Y"		7360												FED FRO	M: MDB	1000	n 30 000 0	~
OTAL CONNECTE	D LOAD"B"		8500												BREAKER	R SIZE: 10	OA ISOLA	TOR.	
OTAL CONNECTE	D LOAD(KW)		22.96																
EMAND FACTOR			0.8																
OTAL DEMAND L	OAD(KW)		18.37																
ESIGN CURRENT			31.23																

CIRCUIT	Description	phase R	phase Y	phase B	с.в	AMP	SIZE OF WIRE	SIZE OF CONDUIT	R	YE		SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)		NO.
L1	LIGHTING	520			1	10	3x2.5	20	X		20	3x4	16	13	1800			SOKET OUTLET	P1
L2	LIGHTING		520		2	10	3x2.5	20	1	X	20	3x4	16	14		1800		SOKET OUTLET	P2
L3	LIGHTING	1000		520	3	10	3x2.5	20)	(20	3x4	16	15			1800	SOKET OUTLET	P3
L4	LIGHTING	520			4	10	3x2.5	20	X		20	3x4	16	16	1800			SOKET OUTLET	P4
L5	LIGHTING		520		5	10	3x2.5	20	1	X	20	3x4	16	17		1200		SOKET OUTLET	P5
L6	LIGHTING			320	6	10	3x2.5	20	Т)	C 20	3x4	16	18			1800	SOKET OUTLET	P6
L7	LIGHTING	310			7	10	3x2.5	20	X		20	3x4	16	19	1000			SOKET OUTLET	P7
L8	LIGHTING		360		8	10	3x2.5	20	1	X	20	3x4	16	20		1200		EWH	P8
L9	LIGHTING			331	9	10	3x2.5	20)	(20		16	21				SPARE	
L10	SPARE	-			10	10		20	х		20		16	22				SPARE	
L11	SPARE				11	10		20		X	20		16	23				SPARE	
L12	SPARE				12	10		20	П)	(20		16	24				SPARE	
CONNECTED LO	AD (W)	1350	1400	1171							-				4600	4200	3600	CONNECTED LC	DAD(W)
OTAL CONNECTED	LOAD"R"		5950		1										CABLE S	IZE: (4X1	D)mm2 CU	/XLPE/PVC+(1X10)mm2 Ear	rthing Conduct
OTAL CONNECTED	LOAD "Y"		5600		1										FED FRO		nite and	i i i i i i i i i i i i i i i i i i i	
OTAL CONNECTED	LOAD"B"		4771		1										BREAKE	R SIZE: 10	OA ISOLAT	OR.	
OTAL CONNECTED	LOAD(KW)		16.32		1														
EMAND FACTOR			0.8		1														
OTAL DEMAND LO	DAD(KW)		13.06		1														
ESIGN CURRENT			22.20		1										Ų.				

PANEL NAME :DB	-CL2 Type: FL	USH MOU	NTED		3PHA	ASE,400	v,50Hz,4W	/&E					PAN	EL LO	CATION :	COMPUT	ER LAB 1		
CIRCUIT	Description	phase R	phase Y	phase B	С.В	АМР	SIZE OF WIRE	SIZE OF CONDUIT		Y	SIZE OF CONDUIT	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)		NO.
L1	LIGHTING	480			1	10	3X2.5	20	Х		20	3X4.0	16	10	1200			SOCKET OUTLETS	P9
P1	SOCKET OUTLET		1200		2	16	3X4.0	20		X	20	3X4.0	16	11		1400		SOCKET OUTLETS	P10
P2	SOCKET OUTLET			1200	3	16	3X4.0	20)	K 20	3X4.0	16	12			1000	SOCKET OUTLETS	P11
P3	SOCKET OUTLET	1600			4	16	3X4.0	20	X		20		16	13				SPARE	
P4	SOCKET OUTLET	70 %	1600		5	16	3X4.0	20		X	20		16	14				SPARE	
P5	SOCKET OUTLET			1600	6	16	3X4.0	20)	K 20		16	15				SPARE	
P6	SOCKET OUTLET	1600			7	16	3X4.0	20	X		20		16	16				SPACE	
P7	SOCKET OUTLET		1600		8	16	3X4.0	20		X	20		16	17				SPACE	
P8	SOCKET OUTLET	7.5		1600	9	16	3X4.0	20		7	K 20		16	18				SPACE	
CONNECTED L	OAD (W)	3680	4400	4400											1200	1400	1000	CONNECTED LO	AD (W)
OTAL CONNECTE	D LOAD"R"		4880]										CABLE SI	ZE: (4X10)mm2 CU	/XLPE/PVC+(1X10)mm2 Ear	thing Conduct
OTAL CONNECTE	D LOAD "Y"		5800												FED FRO	M: MDB			
OTAL CONNECTE	D LOAD"B"		5400												BREAKER	SIZE: 10	OA ISOLAT	OR.	
OTAL CONNECTE	D LOAD(KW)		16.08																
EMAND FACTOR	25 25		0.8																
OTAL DEMAND	LOAD(KW)		12.86																
ESIGN CURRENT		4	21.87																

PANEL NAME :DB-	-G1 Type: FL	USH MOU	NTED		3PH/	SE,400	v,50Hz,4V	V&E					PAN	EL LO	CATION :	GROUND	FLOOR		
CIRCUIT	Description	phase R	phase Y	phase B	С.В	AMP	SIZE OF WIRE	SIZE OF CONDUIT	R	YE	SIZE OF CONDUIT	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.	3301	(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)		NO.
L1	LIGHTING	110			1	10	3X2.5	20	X		20	3X4.0	16	19	800			SOCKET OUTLETS	P7
L2	LIGHTING		560	()	2	10	3X2.5	20		K	20	3X4.0	16	20		1200		SOCKET OUTLETS	P8
L3	LIGHTING	and the second		144	3	10	3X2.5	20		X	20	3X4.0	16	21	i december		1200	EWH	P9
L4	LIGHTING	77		5	4	10	3X2.5	20	X		20	3X4.0	16	22	600			SOCKET OUTLETS	P10
L5	LIGHTING		720	p.	5	10	3X2.5	20		K	20	3X4.0	16	23		400	7	SOCKET OUTLETS	P11
L6	LIGHTING			160	6	10	3X2.5	20		X	20	3X4.0	16	24			800	SOCKET OUTLETS	P12
L7	LIGHTING	176			7	10	3X2.5	20	X		20	3X4.0	16	25	200			SOCKET OUTLETS	P13
L8	LIGHTING		100		8	10	3X2.5	20		K	20	3X4.0	16	26		300		EXF5	P14
L9	LIGHTING			280	9	10	3X2.5	20	П	X	20	3X4.0	16	27			400	LPG PANEL	P15
L10	SPARE				10	10		20	X	Т	20		16	28				SPARE	
L11	SPARE				11	10		20	П	K	20		16	29				SPARE	
L12	SPARE				12	10		20	П	X	20		16	30				SPARE	
P1	SOCKET OUTLETS	1200		7	13	10	3X4.0	20	X		20		16	31				SPARE	
P2	SOCKET OUTLETS		600		14	16	3X4.0	20	П	K	20		16	32				SPARE	
P3	SOCKET OUTLETS			1000	15	16	3X4.0	20	П	X	20		16	33				SPARE	
P4	SOCKET OUTLETS	1000		0	16	16	3X4.0	20	Х		20		16	34			1	SPARE	
P5	PAR		1200	0	17	16	3X4.0	20		K	20		16	35				SPACE	
P6	SOCKET OUTLETS			800	18	16	3X4.0	20	П	X	20		16	36				SPACE	
CONNECTED LO	OAD (W)	2563	3180	2384							•				1600	1900	2400	CONNECTED LC	AD(W)
OTAL CONNECTE	D LOAD"R"		4163		1										CABLE S	IZE: (4X1	0)mm2 CU	J/XLPE/PVC+(1X10)mm2 Ear	thing Conducto
OTAL CONNECTE	D LOAD "Y"		5080		1										FED FRO	M: MDB			
OTAL CONNECTE	D LOAD"B"		4784		1										BREAKE	R SIZE: 10	OA ISOLAT	ror.	
OTAL CONNECTE	D LOAD(KW)		14.03																
EMAND FACTOR	7 50		8.0		1														
OTAL DEMAND L	OAD(KW)		11.22		1														
ESIGN CURRENT			19.08																

PANEL NAME : DB-	G2 Type: FL	USH MOU	NTED		ЗРНА	SE,400	v,50Hz,4W	&E		e). (0	-00-0	120	PAN	LLC	CATION:	GROUND	FLOOR		177
CIRCUIT	Description	phase R	phase	phase B	с.в	AMP		SIZE OF CONDUIT	R	Υ	SIZE OF CONDUIT	SIZE OF WIRE	AMP	C.E	phase R	phase	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO	. (W)	(W)	(W)	- Mariana and a state of the st	NO.
L1	LIGHTING	160			1	10	3X2.5	20	Х	П	20	3X4.0	16	16	600			SOCKET OUTLETS	P3
L2	LIGHTING		445		2	10	3X2.5	20		X	20	3X4.0	16	17	80	600		SOCKET OUTLETS	P4
L3	LIGHTING			345	3	10	3X2.5	20			X 20	3X4.0	16	18			1000	SOCKET OUTLETS	P5
L4	LIGHTING	172			4	10	3X2.5	20	Х	П	20	3X4.0	16	19	1400			SOCKET OUTLETS	P6
L5	LIGHTING		360		5	10	3X2.5	20		X	20	3X4.0	16	20	/ ·	1200		SOCKET OUTLETS	P7
L6	LIGHTING			600	6	10	3X2.5	20			X 20	3X4.0	16	21			400	SOCKET OUTLETS	P8
L7	LIGHTING	230			7	10	3X2.5	20	Х		20	3X4.0	16	22	1200	1		SOCKET OUTLETS	P9
L8	LIGHTING		200		8	10	3X2.5	20	П	X	20	3X4.0	16	23		1000		SOCKET OUTLETS	P10
L9	LIGHTING			280	9	10	3X2.5	20			X 20	3X4.0	16	24	V		1200	EWH	P11
L10	LIGHTING	110		-	10	10	3X2.5	20	X		20	3X4.0	16	25	1200			EWH	P12
L11	SPARE				11	10		20		X	20		16	26		300		EXF6	P13
L12	SPARE				12	10		20	П		X 20		16	27	<u> </u>		200	POWER POINT	P14
L13	SPARE				13	10		20	Х		20		16	28	2000			ROLLER SHUTTER	P15
P1	SOCKET OUTLETS		1200		14	16	3X4.0	20		X	20		16	29	77	2000		P.D.U.	P16
P2	SOCKET OUTLETS			1000	15	16	3X4.0	20			X 20		16	30	¥.			SPARE	
CONNECTED LO	DAD (W)	672	2205	2225											6400	5100	2800	CONNECTED LO	AD(W)
TOTAL CONNECTE	D LOAD"R"		7072												CABLE S	IZE: (4X1)mm2 Cl	J/XLPE/PVC+(1X10)mm2 Ear	thing Conductor
TOTAL CONNECTED	D LOAD "Y"		7305												FED FRO	M: MDB	V0	56 15 15150 16	18-
TOTAL CONNECTED	D LOAD"B"		5025												BREAKE	R SIZE: 10	OA ISOLA	TOR.	
TOTAL CONNECTED	D LOAD(KW)		19.40																
DEMAND FACTOR			0.8												,				
TOTAL DEMAND L	OAD(KW)		15.52																
DESIGN CURRENT			26.39															·	

PANEL NAME :DB	-CL1 Type: F	LUSH MOU	INTED		3PH	ASE,40	0v,50Hz,4\	V&E					PANI	EL LOC	CATION :	COMPUTE	R LAB 1		
CIRCUIT	Description	phase R	phase Y	phase B	С.В	AMP	SIZE OF WIRE		R	Υ	SIZE OF B CONDUIT	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)		NO.
L1	LIGHTING	320			1	10	3X2.5	20	Х		20	3X4.0	16	10	1600			SOCKET OUTLETS	P9
P1	SOCKET OUTLET		1400		2	16	3X4.0	20		X	20	3X4.0	16	11		1200		SOCKET OUTLETS	P10
P2	SOCKET OUTLET			1200	3	16	3X4.0	20			X 20	3X4.0	16	12			1000	SOCKET OUTLETS	P11
P3	SOCKET OUTLET	1600			4	16	3X4.0	20	X	П	20		10	13				SPARE	P12
P4	SOCKET OUTLET	20	1600		5	16	3X4.0	20		X	20		10	14				SPARE	P13
P5	SOCKET OUTLET			1600	6	16	3X4.0	20			X 20		16	15				SPARE	P14
P6	SOCKET OUTLET	1600			7	16	3X4.0	20	X		20		16	16				SPARE	
P7	SOCKET OUTLET		1600		8	16	3X4.0	20		X	20		16	17				SPARE	
P8	SOCKET OUTLET			1200	9	16	3X4.0	20			X 20		16	18				SPARE	
CONNECTED L	OAD (W)	3520	4600	4000											1600	1200	1000	CONNECTED LO	AD (W)
TOTAL CONNECTE	D LOAD"R"		5120]										CABLE S	ZE: (4X10)mm2 CU	/XLPE/PVC+(1X10)mm2 Ear	thing Conduct
TOTAL CONNECTE	D LOAD "Y"		5800												FED FRO	M: MDB			
TOTAL CONNECTE	D LOAD"B"		5000]										BREAKER	SIZE: 10	OA ISOLAT	OR.	
TOTAL CONNECTE	D LOAD(KW)		15.92]														
DEMAND FACTOR			0.8]														
OTAL DEMAND	LOAD(KW)		12.74																
DESIGN CURRENT		2	21.65		1														

ANEL NAME :DB	F1 Type: FLUS	H MOUNT	ED	3	PHASE	,400v,5	0Hz,4W&I			-			PA	NEL L	OCATION	: FIRST FI	LOOR		
CIRCUIT	Description	phase R	phase Y	phase B	С.В	AMP	SIZE OF WIRE	SIZE OF CONDUIT	R	ΥВ	SIZE OF CONDUIT	SIZE OF WIRE	AMP	С.В	phase R	phase Y	phase B	Description	CIRCUIT
NO.	GALESCA CONTROL D	(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)		200	(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)	ACCORDING # 000023.00	NO.
L1	LIGHTING	520	12.00		1	10	3X2.5	20	Х		20	3X4.0	16	16	1600		7	SOCKET OUTLET	P8
L2	LIGHTING		520		2	10	3X2.5	20		x	20	3X4.0	16	17		800		SOCKET OUTLET	P9
L3	LIGHTING			470	3	10	3X2.5	20	П	X	20	3X4.0	16	18			800	SOCKET OUTLET	P10
L4	LIGHTING	560		0	4	10	3X2.5	20	Х		20	3X4.0	16	19	1200	9		SOCKET OUTLET	P11
L5	LIGHTING		480		5	10	3X2.5	20		X	20	3X4.0	16	20		1600		SOCKET OUTLET	P12
L6	LIGHTING			400	6	10	3X2.5	20	П	X	20	3X4.0	16	21			1600	SOCKET OUTLET	P13
L7	SPARE				7	10		20	Х		20	3X4.0	16	22	600			SOCKET OUTLET	P14
L8	SPARE				8	10		20		X	20	3X4.0	16	23		1600		SOCKET OUTLET	P15
P1	SOCKET OUTLET			1800	9	16	3X4	20	П	Х	20	3X4.0	16	24		1	200	SOCKET OUTLET	P16
P2	SOCKET OUTLET	1800		o o	10	16	3X4	20	Х		20	3X4.0	16	25	1200	Ü ;		EWH	P17
P3	SOCKET OUTLET		1000		11	16	3X4	20		x 🗆	20		16	26				SPARE	
P4	SOCKET OUTLET			1600	12	16	3X4	20	П	X	20		16	27		2		SPARE	
P5	SOCKET OUTLET	1200			13	16	3X4	20	Х		20		16	28				SPARE	
P6	SOCKET OUTLET		1600	e e	14	16	3X4	20		X	20		16	29		(i.)		SPARE	
P7	SOCKET OUTLET			1200	15	16	3X4	20	П	X	20		16	30	6 0			SPARE	
CONNECTED L	OAD (W)	4080	3600	5470											4600	4000	2600	CONNECTED LC	AD(W)
OTAL CONNECTE	D LOAD"R"		8680	20											CABLE S	ZE: (4X16	6)mm2 CU	J/XLPE/PVC+(1X16)mm2 Ear	thing Conduct
OTAL CONNECTE	D LOAD "Y"		7600												FED FRO	M: MDB			
OTAL CONNECTE	D LOAD"B"		8070												BREAKE	R SIZE: 10	OA ISOLAT	ror.	
OTAL CONNECTE	D LOAD(KW)		24.35]														
EMAND FACTOR	21		0.8																
OTAL DEMAND	LOAD(KW)		19.48																
ESIGN CURRENT			33.12												5				

PANEL NAME : DE	B-F2 Type: FLUS	H MOUN	TED	3	BPHASE	E,400v,	50Hz,4W&						PA	NEL LO	CATION	: FIRST FL	LOOR		
CIRCUIT	Description	phase R	phase Y	phase B	С.В	АМР	SIZE OF WIRE	SIZE OF	R	YB	SIZE OF CONDUIT	SIZE OF WIRE	AMP	С.В	phase R	phase	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	(mm2)	(mm)			(mm)	(mm2)	TRIP	NO.	(W)	(W)	(W)	37	NO.
L1	LIGHTING	520			1	10	3X2.5	20	Х		20	3X4.0	16	13	1800			SOCKET OUTLET	P1
L2	LIGHTING		520		2	10	3X2.5	20		X	20	3X4.0	16	14		1800		SOCKET OUTLET	P2
L3	LIGHTING			520	3	10	3X2.5	20		X	20	3X4.0	16	15			1800	SOCKET OUTLET	P3
L4	LIGHTING	520			4	10	3X2.5	20	X		20	3X4.0	16	16	1800			SOCKET OUTLET	P4
L5	LIGHTING		520		5	10	3X2.5	20		X	20	3X4.0	16	17		1800		SOCKET OUTLET	P5
L6	LIGHTING			320	6	10	3X2.5	20		X	20	3X4.0	16	18			1400	SOCKET OUTLET	P6
L7	LIGHTING	300	100	7	7	10	3X2.5	20	X		20	3X4.0	16	19	1000			SOCKET OUTLET	P7
L8	LIGHTING		360	1	8	10	3X2.5	20	7	X	20	3X4.0	16	20		1000		SOCKET OUTLET	P8
L9	LIGHTING			356	9	10	3X2.5	20		X	20	3X4.0	16	21		1	1200	EWH	P9
L10	SPARE				10	10		20	X	Т	20		16	22				SPARE	
L11	SPARE				11	10		20	7	X	20		16	23				SPARE	
L12	SPARE		7		12	10		20		X	20		16	24				SPARE	
CONNECTED L	OAD (W)	1340	1400	1196			07				77			100	4600	4600	4400	CONNECTED LO	AD(W)
OTAL CONNECT	ED LOAD"R"		5940		1										CABLE S	ZE: (4X10)mm2 CL	J/XLPE/PVC+(1X10)mm2 Ear	thing Conducto
OTAL CONNECT	ED LOAD "Y"		6000		1										FED FRO	M: MDB			
OTAL CONNECT	ED LOAD"B"		5596		1										BREAKER	SIZE: 10	OA ISOLAT	TOR.	
OTAL CONNECT	ED LOAD(KW)		17.54																
EMAND FACTOR	R		0.8																
OTAL DEMAND	LOAD(KW)		14.03																
ESIGN CURRENT	٢		23.85																

PANEL NAME : D8-	-AC Type: FLUSH	H MOUNT	ED	3	PHASE	,400v,5	0Hz,4W&E		N-0	_(S-)			PANEL	LOCA	TION : RO	OF FLOO	R		0
CIRCUIT	Description	phase R	phase Y	phase B	С.В	АМР	METHOD OF	SIZE OF WIRE	R	β	SIZE OF WIRE	METHOD OF	AMP	с.в	phase R	phase	phase B	Description	CIRCUIT
NO.		(W)	(W)	(W)	NO.	TRIP	INSTALLATION	(mm)			(mm)	INSTALLATION	TRIP	NO.	(W)	(W)	(W)		NO.
L1	LIGHTING	40			1	10	CABLE TRAY	3x2.5	X		3x6	CABLE TRAY	32	16	3200			SU-3	P15
P1	SU-4		3200		4	32	CABLE TRAY	3x4	1	(3x4	CABLE TRAY	20	17		2400		SU-2	P16
P2	SU-4			3200	3	32	CABLE TRAY	3x6	П	X	3x4	CABLE TRAY	20	18			2400	SU-2	P17
P3	SU-4	3200			4	32	CABLE TRAY	3x4	x		3x6	CABLE TRAY	20	19	2400			SU-2	P18
P4	SU-2		2400		5	20	CABLE TRAY	3x6	1	(20		767			
P5	SU-2	1		2400	6	20	CABLE TRAY	3x6	\vdash	X	5x4	CABLE TRAY	20	21			767	B.P-1	P19
P6	SU-5	1600			7	20	CABLE TRAY	3x6	X					22	767				
P7	SU-2		2400		8	20	CABLE TRAY	3x6		(20	23				SPARE	
P8	SU-2			2400	9	20	CABLE TRAY	3x6	П	Х			20	24				SPARE	
P9	SU-2	2400			10	20	CABLE TRAY	3x6	X				20	25				SPARE	
P10	SU-2		2400		11	20	CABLE TRAY	3x6		(20	26				SPARE	
P11	SU-1	1		1600	12	20	CABLE TRAY	3x6		Х			20	27				SPARE	
P12	SU-1	1600			13	20	CABLE TRAY	3x6	X				20	28				SPARE	
P13	SU-2		2400		14	20	CABLE TRAY	3x4)	(20	29				SPARE	
P14	SU-3			3200	15	32	CABLE TRAY	3x6	П	X			20	30				SPACE	
CONNECTED L	OAD (W)	8840	12800	12800		ilio e			16-11-			(t)			6367	3167	3167	CONNECTED LO	AD(W)
TOTAL CONNECTE	D LOAD"R"		15207	3/10											CABLE S	IZE: (4X50)mm2 Cl	J/XLPE/PVC+(1X25)mm2 Ear	thing Conducto
TOTAL CONNECTE	D LOAD "Y"		15967												FED FRO	M: MDB			
TOTAL CONNECTED LOAD"B" 15967]										BREAKE	R SIZE: 12	5A ISOLA	TOR.				
TOTAL CONNECTED LOAD(KW) 47.14]																	
DEMAND FACTOR 1																			
TOTAL DEMAND LOAD(KW) 47.14																			
DESIGN CURRENT		0	80.14																

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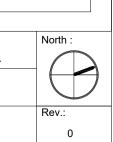


PHASE III	Т
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Thahr Al Sarow Basic School For Boys
(Jerash)

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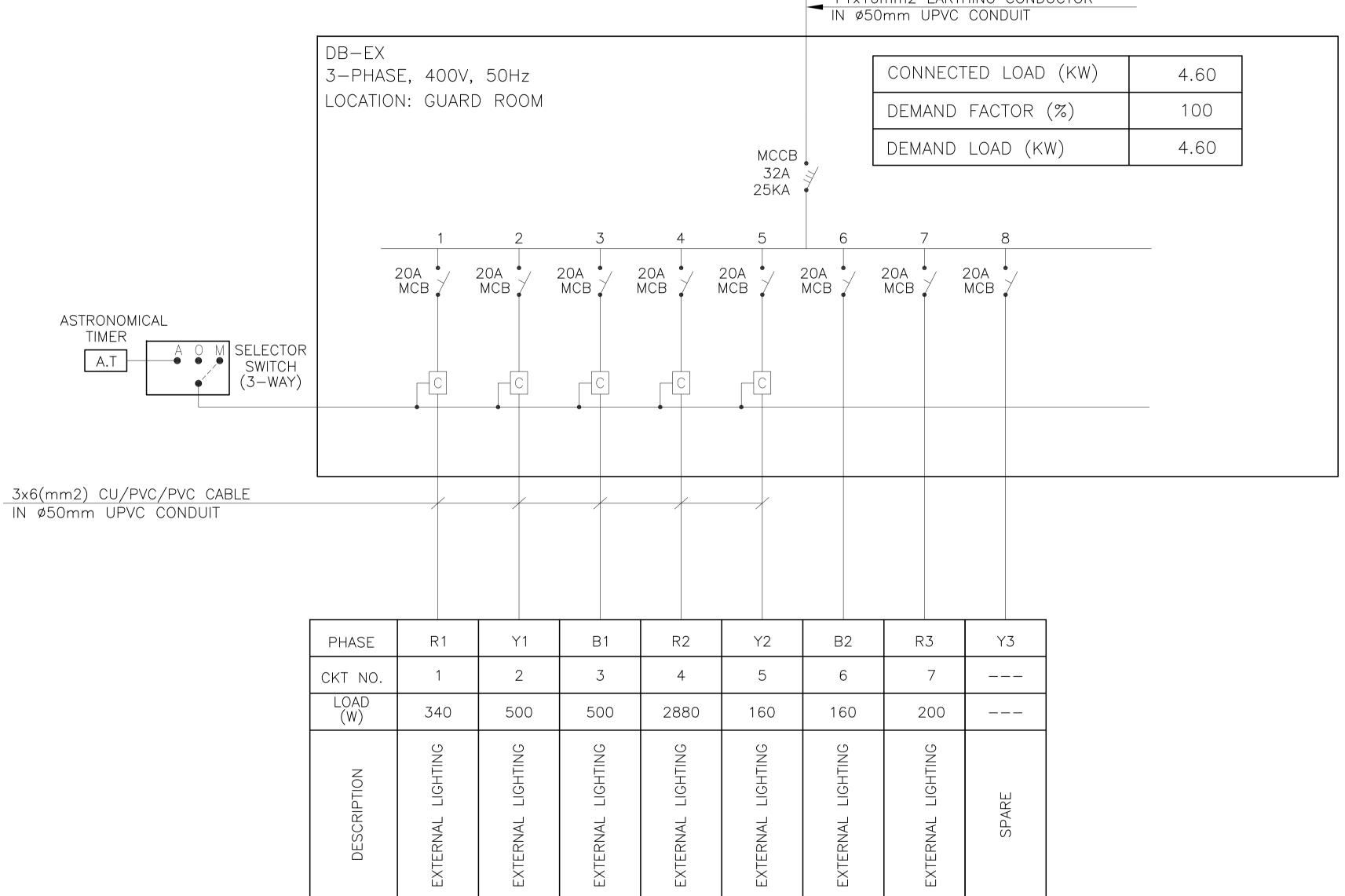
JUNE 2019

SKEP 14-E904

تم التصميم حسب الكودات المعتمدة بموجب التعليمات الفنية السارية مكتب رقم - ٥



4x10 (mm2) CU/XLPE/SWA/PVC CABLE +1x10mm2 EARTHING CONDUCTOR IN Ø50mm UPVC CONDUIT



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	Thahr Al Sarow Basic School For Boy
HASE III	(Jerash)
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CNAGE 2	PROJECT (USAID SKEP)

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