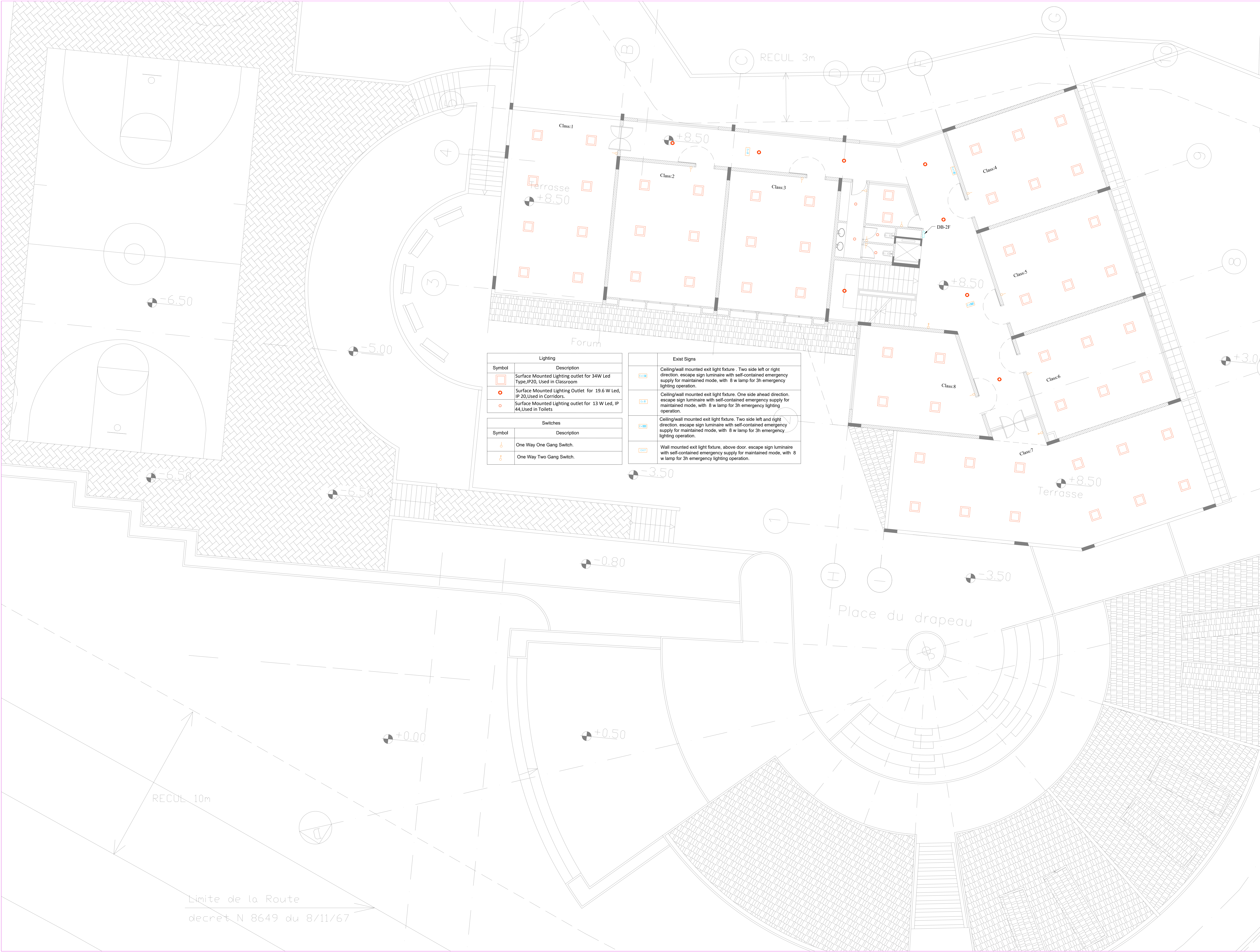




FOR CONSTRUCTION

Client :

CONSULTANT :

Project Title :

JORET EL TERMOS
PUBLIC SCHOOL

Notes:

1- DO NOT SCALE THIS DRAWING (DIMENSIONS SHOULD BE CALCULATED NOT SCALED)

2- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS INDICATED OTHERWISE

3-THE NOTES ON THIS SHEET ARE TO BE USED ON ALL ARCHITECTURAL DWGS

4-ALL DWGS IN THIS FILE ARE TO BE READ IN CONJUNCTION WITH EACH OTHER I.E. ARCHITECTURAL, STRUCTURAL, ELECTRICAL, MECHANICAL,ALONG WITH THE SPECIFICATIONS & B.O.D

5- ALL MECHANICAL ROOMS - TOILETS, KITCHENS, FLOORING SHALL RECEIVE COU-PLUG WATERPROOFING BEFORE APPLYING ANY FINISH

6- FOR EXACT LOCATION & DIMENSIONS OF PAD USED FOR PUMPS, TRANSFORMERS , REFER TO ELECTRO-MECHANICAL & STRUCTURAL DWGS

7- BLOCKWALLS SHALL BE LATERALLY SUPPORTED IN EITHER THE HORIZONTAL OR VERTICAL DIRECTION AT THE INTERVALS INDICATED ON STRUCTURAL DWGS

8- ALL BLOCKWALLS TO EXTEND UP TO CONCRETE SLAB UNLESS OTHERWISE INDICATED

9- ALL EQUIPMENTS FOR KITCHENS , RESTAURANT ARE SHOWN AS INDICATIVE ONLY , REFER TO SPECIALIST DWGS

10-CONTRACTOR SHALL INSPECT THE SITE AND THE DESIGN FILE AND SPECIFICATIONS BEFORE PRICING AND BEFORE COMMENCING WITH THE WORKS ON SITE. IT IS THE CONTRACTOR'S DUTY TO UNDERTAKE ADDITIONAL OR NEW SURVEYS AND CHECK FOR ANY DISCREPANCIES OF ANY SORT IN THE FINAL DRAWINGS BEFORE EXECUTION. IF ANY DISCREPANCIES OF ANY SORT ARE FOUND, IT IS THE CONTRACTOR'S DUTY TO INFORM THE ENGINEER & TO SUBMIT SHOP DWGS & PROPOSE SOLUTIONS FOR ENGINEER'S APPROVAL. BEFORE EXECUTION IS UNDERTAKEN

11-CONTRACTOR SHALL IMPOSE SAFETY & SECURITY MEASUREMENTS TO SITE & TO ALL ENGINEERS & VISITORS AS PER SPECIFICATIONS' GENERAL REQUIREMENTS

12- ALL TEMPORARY STRUCTURES SHALL BE ADEQUATELY BRACED BY CONTRACTOR DURING THE COURSE OF CONSTRUCTION & AS REQUIRED FOR THE PROPER EXECUTION OF THE WORKS

13-ALL CONCRETE WALLS AND CORES SHALL HAVE SMOOTH-FORMED FINISH

14-ALL CONCRETE SLAB SOFFIT AND BEAMS SHALL HAVE SMOOTH-FORMED FINISH

15-ALL SMOOTH FORM CONCRETE CORNERS SHALL BE CHAMFERED AT 45 DEGREES, WITH A CHAMFER = 20mm

16-ALL CONCRETE RELATED WORKS, INCLUDING RESERVATIONS, SHAFTS, DOOR OPENINGS AND EMBEDDED ACCESSORIES FOR THE LIFTS, ESCALATORS, DUMPWATERS,SHALL BE COORDINATED ON SITE BY THE GENERAL CONTRACTOR AND ALL HIS SUBCONTRACTORS

17- REFLECTED CEILING IN NURSE STATION ARE TO BE COORDINATED WITH CONSULTANT FOR FINAL APPROVAL.

North

KEY PLAN

CLIENT

05/05/2014

Approved Sheet

A1

Rev.

ISSUED TO

DATE

DESCRIPTION

AUTH.

Revisions

Date

By

Scale

1:100

Drawn

Designed

Checked

Approved

By

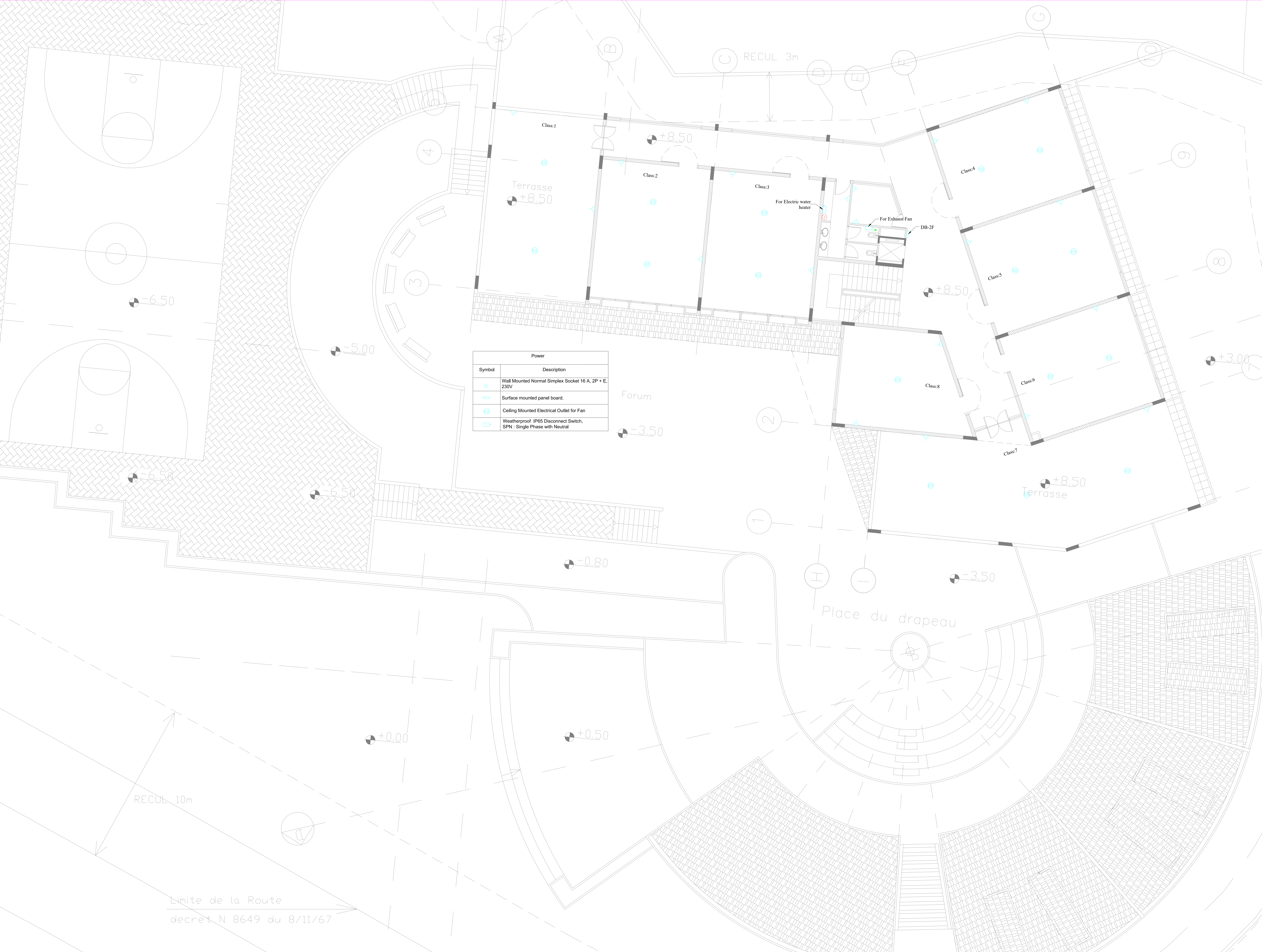
Title

SECOND FLOOR PLAN

Lighting Layout

Sheet

L179-CD-E-401-A1



FOR CONSTRUCTION

Client :

CONSULTANT :

Project Title :

JOURET EL TERMOS
PUBLIC SCHOOL

Notes:

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5- ALL MECHANICAL ROOMS - TOILETS, KITCHENS, FLOORING SHALL RECEIVE COU-FLUE.

6- FOR EXACT LOCATION & DIMENSIONS OF PAD USED FOR PUMPS, TRANSFORMERS, REFER TO ELECTRO-MECHANICAL & STRUCTURAL DWGS.

7- BLOCKWALLS SHALL BE Laterally SUPPORTED IN EITHER THE HORIZONTAL OR VERTICAL DIRECTION AT THE INTERVALS INDICATED ON STRUCTURAL DWGS.

8- ALL BLOCKWALLS TO EXTEND UP TO CONCRETE SLAB UNLESS OTHERWISE INDICATED.

9- ALL EQUIPMENTS FOR KITCHENS , RESTAURANT ARE SHOWN AS INDICATIVE ONLY, REFER TO SPECIALIST DWGS.

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14-ALL CONCRETE SLAB SOFFIT AND BEAMS SHALL HAVE SMOOTH-FORMED FINISH.

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North

KEY PLAN

Rev. ISSUED TO DATE DESCRIPTION AUTH.

Revisions

Date

Scale

Drawn

Designed

Checked

Approved

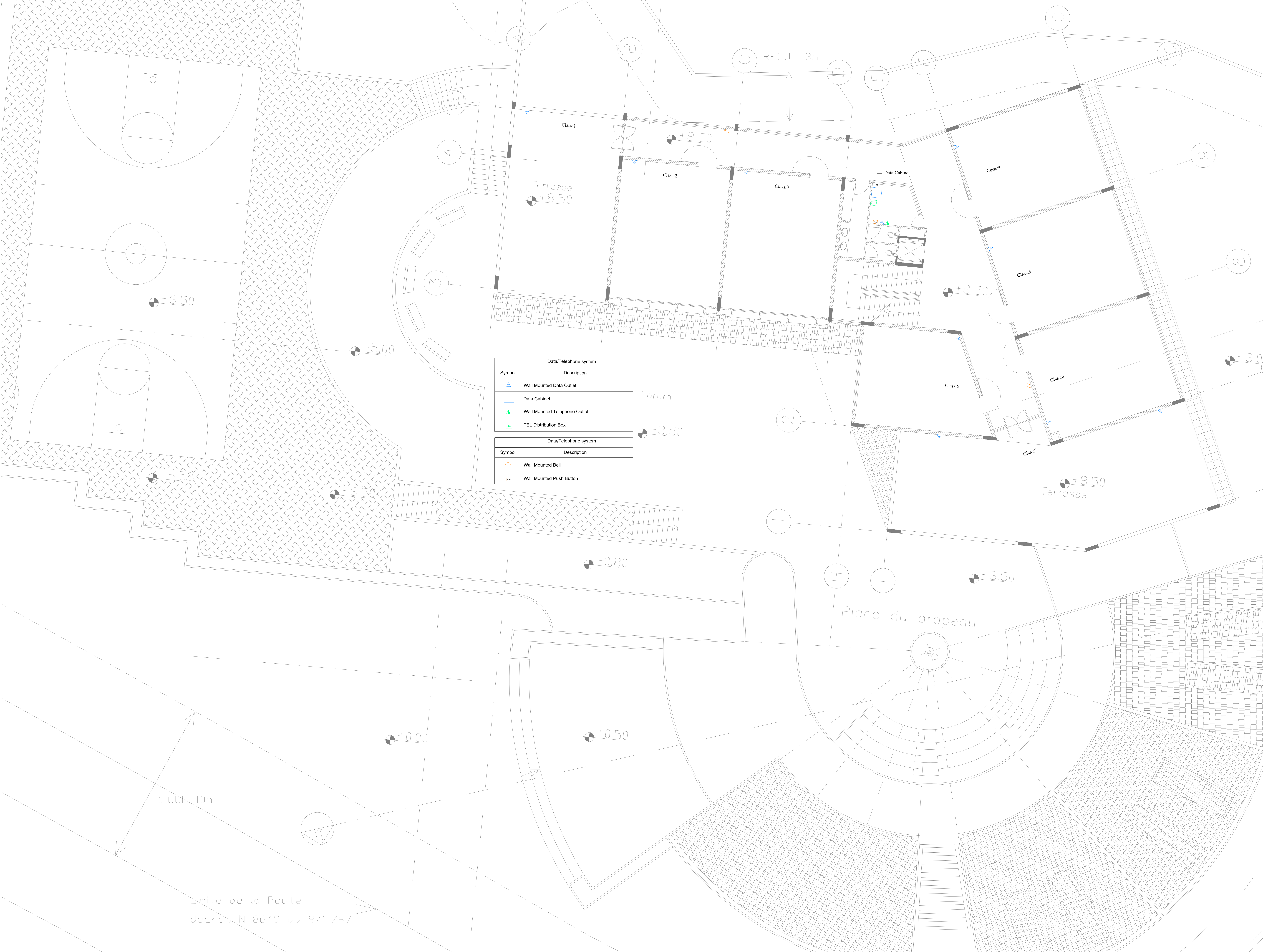
Title

SECOND FLOOR PLAN

Power Layout

Sheet

L179-CD-E-402-A1



FOR CONSTRUCTION

Client :

CONSULTANT :

Project Title :

JOURET EL TERMOS
PUBLIC SCHOOL

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5- ALL MECHANICAL ROOMS - TOILETS, KITCHENS, FLOORING SHALL RECEIVE COLD-FLUE WATERPROOFING BEFORE APPLYING ANY FINISH.

6- FOR EXACT LOCATION & DIMENSIONS OF PAD USED FOR PUMPS, TRANSFORMERS,, REFER TO ELECTRO-MECHANICAL & STRUCTURAL DWGS.

7- BLOCKWALLS SHALL BE Laterally SUPPORTED IN EITHER THE HORIZONTAL OR VERTICAL DIRECTION AT THE INTERVALS INDICATED ON STRUCTURAL DWGS.

8- ALL BLOCKWALLS TO EXTEND UP TO CONCRETE SLAB UNLESS OTHERWISE INDICATED.

9- ALL EQUIPMENTS FOR KITCHENS , RESTAURANT ARE SHOWN AS INDICATIVE ONLY,, REFER TO SPECIALIST DWGS.

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12- ALL TEMPORARY STRUCTURES SHALL BE ADEQUATELY BRACED BY CONTRACTOR DURING THE COURSE OF CONSTRUCTION & AS REQUIRED FOR THE PROPER LOCATION OF THE WORKS.

13-ALL CONCRETE WALLS AND CORES SHALL HAVE SMOOTH-CORNERED FRIMS.

14-ALL CONCRETE SLAB SOFFIT AND BEAMS SHALL HAVE SMOOTH-FORMED FINISH.

15-ALL SMOOTH FORM CONCRETE CORNERS SHALL BE CHAMFERED AT 45 DEGREES, WITH OF CHAMFER = 20mm.

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North

KEY PLAN

CLIENT

05/05/2014

Approved

Sheet

A1

Rev.

ISSUED TO

DATE

DESCRIPTION

AUTH.

Revisions

Date

Scale

Drawn

Designed

Checked

Approved

Title

SECOND FLOOR PLAN

Low Current Layout

Sheet

L179-CD-E-403-A1

Distribution Board Reference					DB-2F		Three Phase 18 Way		Remarks	
Location					2F		Corridor			
Fed From					MDB		Capacity Break : 10 KA			
Incoming Cable					4C,6mm2 CU/PVC/PVC + E=SC,6mm2 PVC					
Circuit Breaker-4P					20A TPN					
Ways		RCD	MCB-2P(Curve C) 6 KA	PVC Wire (mm2)	Load In Watts			Description		
					R	Y	B			
1	1	16A-300mA	16	3X2.5	680			Lighting (Classrooms 1 to 3)		
	2		16	3X2.5		612		Lighting (Classrooms 4 to 6)		
	3		16	3X2.5			544	Lighting (Classrooms 7 and 8)		
2	4		16	3X2.5	184			Lighting (Corridor)		
	5		16	3X2.5		120		Lighting (Office,WCs)		
	6		16	3X2.5				SPARE		
3	7	20A-30mA	16	3X4	1200			Sockets (Classrooms 1 to 3)		
	8		16	3X4		1200		Sockets (Classrooms 4 to 6)		
	9		16	3X4			800	Sockets (Classrooms 7 & 8)		
4	10		16	3X4	600			Sockets (Office,WCs)		
	11		16	3X4		600		Electrical outlet for fans		
	12		16	3X4			600	Electrical outlet for fans		
5	13		16	3X4	400			Electrical outlet for fans		
	14		16	3X6				SPARE		
	15		16	3X4				SPARE		
6	16		16	3X4	100			Exhaust Fan		
	17		16	3X4		0		SPARE		
	18	16A-30mA	16	3X4			1500	Electric Water Heater		
					3164	2532	3444	Total Connected load	9140	

	CONN. LOAD (KW)	DEMAND FACT	DEM. LOAD (KW)
LIGHTING	2.14	0.80	1.71
SOCKETS	3.80	0.40	1.52
MOTORS	1.70	0.80	1.36
KITCHEN EQPT	1.50	0.50	1
MISC	0	1.00	0
TOTAL	9.14	0.58	5.34

FOR CONSTRUCTION

Client :

CONSULTANT :



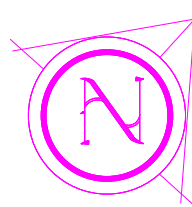
Project Title :

JOURET EL TERMOS
PUBLIC SCHOOL

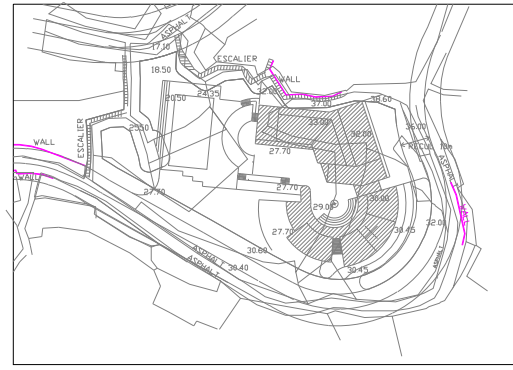
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- BLOCKWALLS SHALL BE Laterally SUPPORTED IN EITHER THE HORIZONTAL OR VERTICAL DIRECTION AT THE INTERVALS INDICATED ON STRUCTURAL DWGS
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- ALL EQUIPMENTS FOR KITCHENS , RESTAURANT ARE SHOWN AS INDICATIVE ONLY,, REFER TO SPECIALIST DWGS, REFER TO ELECTRO-MECHANICAL DWGS FOR PROVISIONAL OUTLETS
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North



KEY PLAN



Rev. ISSUED TO DATE DESCRIPTION AUTH.

Revisions

Date: 16/10/2024
Scale: 1:100
Drawn: A.T.
Designed: A.T.
Checked: A.T.
Approved: A.T.
Title:

SECOND FLOOR PLAN

DISTRIBUTION BOARD

Sheet

L179-CD-E-404-A1