

UNIT NUMBER: G-07	24-Sep-17	of Investor / Authorized Representative	rafat@jashanmal.net	E-mail Address	dory@landuvelleint.com	E-SUBMITTAL DTHERS			TS / REMARKS												r / Contractor	I hereby cartify that the above submitted Items have been reviewed in detail and are correct in the strict comformance with the contact requirement except as	otherwise Tated.	Authorized Signature / Date
	ITAL DATE:	E-mail Address		CONTACT No.	99825584		RD&D ACTION		соммен.			×/	<u> </u>				<u> </u>				Investo	THOMAS JOY	90020031	24-Sep-17
CLARK'S	SUBMI	or / Authorized		ect Manager	ra	✓ NEW SUBMITTA				\ /	X				{		/					Name:	Tel. No.:	Date:
	11 <b>6</b> 03	CONTACT No. of Investo	90022060	NAME of Contractor's Proje	Eng.Dory Hann			S CODE	A APPROVED ONE B APPROVED AS NOTED A REVISE & RESUBMIT	1//	1/	Ų	1	<u>1</u>	1	1 /	1	1	-			ir. Manager and/or General Manager		Name / Signature / Date
BRAND NAME:	00	rative				MITTAL TYPE	-		CD) ELECTRONIC	1	1	1/	1	1	7	1	7	1	н			THE REAL PROPERTY.		ture / Date
		ized Represent	IAL	IAME	teriors	TAL for each SUB			DRAWING NO	10-03	FF-01	10-11	AC-01	PW-01	SM-01	EMX-01	SP-01				& DELIVERY	Sr. MEP / ME		Name / Signature / Date
AL KOUTH MALL	SMITTAL NO.:	NAME of Investor / Author	JASHANN	COMPANY	Lanouvelle In	E (1) SUBMITTAL / TRANSMITT	= / DESCRIPTION	TAL TYPE	ECTURAL & MEP DETAILED NG; KFD/FIRE ALARM, FIRE EXIT; AS BUILT; MATERIAL SURVEYS; INSURANCE, ETC.									1				RD&D Coordinator MW		Name / Signature / Date
L / PROPERTY NAME:	SUBMITTAL / TRAN	INVESTOR and/or	AUTHORIZED REPRESENTATIVE	CONTRACTOR'S	AUTHORIZED REPRESENTATIVE	NO	DRAWING TITLE	SUBMIT		COMPOSIT LAYOUT	FIRE FIGHTING LAYOUT	LIGHTING LAYOUT	HVAC LAYOUT	POWER LAYOUT	SMOKE DETECTOR LAYOUT	EM-&-EX-LAYOUT	SPEAKER LAYOUT	DB SCHDULE management or (WLL	HEAT LOAD	2 4 SEP 2017	Time:	Received By: & Delivery De		Name / Signature / Date
	BRAND NAME: CLARK'S UNIT NUMBER:	TRANSMITTAL NO.: BRAND NAME: CLARK'S UNIT NUMBER: 24-Sep-17	TRANSMITTAL NO.:  AL KOUTH MALL  OO1  COS  SUBMITTAL DATE:  CONTACT No. of Investor / Authorized Representative  CONTACT No. of Investor / Authorized Of Investor / Authorized Representative  CONTACT No. of Investor / Authorized Of Investor / Authorized Representative  CONTACT No. of Investor / Authorized Of Investor / Authorized Representative	TRANSMITTAL NO.:  OO1  OO3  CLARK'S  SUBMITTAL  OO3  AND AME of Investor / Authorized Representative  JASHANMAL  900222060	TRANSMITTAL NO.:  OO1  OO3  CARK'S  SUBMITTAL  OO3  CONTACT NO. of Investor / Authorized Representative  JASHANMAL  COMPANY NAME  NAME of Contractor's Project Manager  CONTACT NO. of Investor / Authorized  SOOZZOGO  OCMPANY NAME  COMPANY NA	TRANSMITTAL NO.:  NAME of Investor / Authorized Representative  COMPANY NAME  Lanouvelle Interiors  AL KOUTH MALL  OO1  COMPANY  SUBMITTAL  SOBRATTAL  SOBRATTAL  SOBRATTAL  SOBRATTAL  SOBRATIVE  CONTACT No. of Investor / Authorized  90022060  SOBRATTAL  SUBMITTAL  SOBRATIVE  CONTACT No. of Investor / Authorized  SOBRATTAL  SOBRATIVE  SOBRATIVE  CONTACT No. of Investor / Authorized  SOBRATIVE  SOBRATIVE  CONTACT NO. of Investor / Authorized  SOBRATIVE  SOBRATIVE  CONTACT NO. of Investor / Authorized  CONTACT NO. of Invest	TRANSMITTAL NO.:  OO1  OO3  CONTACT No. of Investor / Authorized Representative  COMPANY NAME  Lanouvelle Interiors  ONE (1) SUBMITTAL / TRANSMITTAL for each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  SUBMITTAL  OO1  CONTACT No. of Investor / Authorized  90022060  BRANDALT TYPE  CONTACT No. of Investor / Authorized  90022060  COMPANY NAME  Eng. Dory Hanna  COMPANY NAME  Eng. Dory Hanna  ONE (1) SUBMITTAL / TRANSMITTAL for each SUBMITTAL TYPE  ONE (1) SUBMITTAL / TRANSMITTAL for each SUBMITTAL TYPE  ONE (1) SUBMITTAL / TRANSMITTAL for each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL / TRANSMITTAL FOR Each SUBMITTAL TYPE  ONE (1) SUBMITTAL / TRANSMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL / TRANSMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR Each SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR EACH SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1) SUBMITTAL FOR EACH SUBMITTAL TYPE  CLARK'S  SUBMITTAL  OOE (1)	TRANSMITTAL NO.:	TRANSMITTAL NO.:   NAME of Investor / Authorized Representative   CONTACT No. of Investor / Authorized Representative   CONTACT No. of Investor / Authorized	TRANSMITTAL NO.:   NAME of Investor / Authorized Representative   CONTACT No. of Investor / Authorized Representative   CONTACT No. of Investor / Authorized Representative   CONTACT No. of Investor / Authorized Representative   COMPACT No. of Investor / Authorized Representative   COMPACT No. of Investor / Authorized Representative   COMPACT No. of Investor / Authorized   COMPACT NO. of Investor / Autho	SUBMITTAL / TRANSMITTAL NO.:  NVESTOR and/or AUTHORIZED AUTHORIZED COMPANY NAME  CONTRACTOR'S  AUTHORIZED CONTRACTOR'S  AUTHORIZED COMPANY NAME  CONTRACTOR'S  AUTHORIZED CONTRACTOR'S Project Manager  CONCEPT DESCRIPTION  CONCEPT DESCRIPTION  APPROVED CODE  CONCEPT DESIGN; SIGNAGE; HOARDING; KFD/FIRE ALARM, FIRE  FIGHTING, EMERGENCY & EXIT; AS BUILT, MATERIAL  SAMPLE; SPECIFICATIONS; SURVEYS; INSURANCE, ETC.  COMPOSIT LAYOUT  CO-0-1	NUESTOR and/or	NESTOR and/or	NUMBER   NAME   NAME	NOTE   NOTE	FIGHER   FIGHER	NUESTOR RANGE   NUESTOR RANG	NUMESTOR and/or and/o	Submittal   Transmittal   Name of Investor   Authorized Representative   CONTACT No. of Investor   Authorized Representative   Authorized Representative	SUBMITTAL   TRANSMITTAL NO.   SUBMITTAL   TRANSMITTAL NO.   SUBMITTAL NO.	SUBMITTAL   TRANSMITTAL NO.   AL KOUTH MALL   BRAND NAME:   CONTACT NO. of Investor   Authorized AUTHORIZED   DASHANMAL   DA	SUBMITTAL   TRANSMITTAL NO.:	SUBMITTAL   TRANSMITTAL NO.   STANSMITTAL NO.   SUBMITTAL NO	SUBMITTAL   TRANSMITTAL NO.:

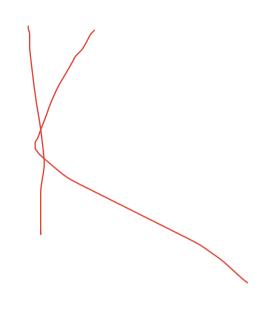
NOTE: DOCUMENTS & DRAWING SUBMITTAL(S) MUST BE SUBMITTED AT GLA OFFICE FROM 8:00AM TO 5:00PM (SUNDAY TO THURSDAY). SUBMITTAL(S) AFTER 8:00PM WILL BE STAMPED THE NEXT WORKING DOLD ALL DRAWING SUBMITTALS MUST BE IN: A) A3 SIZE PAPER; B) COLOR; C) SOFTCOPY ON CD WHICH INCLUDES AUTOCAD DRAWINGS (DWG) & ACROBAT (PDF) FILES.

• DRAWINGS SUBMITTED IN OTHER PAPER SIZE SUCH AS A0, A1, A2, ETC. SHOULD BE SUBMITTED IN THREE (3) HARDCOPIES TOGETHER WITH A SOFTCOPY ON CD.

• OTHER DOCUMENTS SUCH AS INSURANCE(OHIGINA), CERTFICATIONS, LETTERS, CATALOGUES, SPECIFICATIONS, ETC. SHOULD BE SUBMITTED ONLY IN A4 or A3 PAPER SIZE TOGETHER WITH SOFTCOPY ON CD.

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0A 4P CO		œ	215			120			250			300			300			300			400			400			400						2685	
for Lighting , 4	Watts per point		6x25 + 1x15 + 1x50	5x25 + 3x15 + 2x20	6x25 + 2x15	4x20 + 2x20	5x25 + 1x15	2x75	5x50	3×100	3x100	3×100	3x100	3×100	3×100	1x300	8X10 + 3X10	0 <b>2</b> X9			2x200	2×200	2×200	2×200	2×200	3×200	2×200	250	2x200					
Clarks - AL Kout Mall 40A 4P COELCB 300mA with contactor for Lighting , 40A 4P COELCB 30mA for	DESCRIPTION	THE RESIDENCE CONTROL OF THE CONTROL	L1 ( P0532 + P4401 + womens pendant )	L2 ( P0532 + P4401 + P4402 )	L3 ( P0532 + P4401 )	Entrance ( P4402 + D4477 )	L4 ( P0532 + P4401 )	Display ( S4307JA )	Chandilier	Furniture Display D -1	Furniture Display D -2	Furniture Display D -3	Furniture Display D -4	Furniture Display D -5	Furniture Display D -6	Signage	EX & EM	L - Store	Spare	Spare	Cashier - 1	Cashier - 2	Store	Utility - 1	Utility - 2	Utility Store	P-IT	AC	P-CCTV	Spare	Spare	Spare	7795	TOTAL LOAD = 7.795 KW
	Controlled by				١	/0 <i>†</i>	ЯО	TO/	ΑTV	100	) <b>X</b> 8	<b>a</b> 0	37	108	ΙΤΝ	00					SW. Socket	SW. Socket	SW. Socket	SW. Socket	SW. Socket	SW. Socket	SW. Socket	SW. Socket	SW. Socket					TOTAL LOA
N on load type,	WIRE	SIZE	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5			4	4	4	4	4	4	4	4	4					
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	Cross Innut Data	
	Space Input Data	
Clarks		07/25/2017
Lenovelle		08:15AM

G-01 RETAIL			
1. General Details:     Floor Area	ft lb/ft² CFM/person	2.4. People:	
Fixture Type Recessed (Unvented) Wattage 1.86 Ballast Multiplier 1.08 Schedule LIGHTING	W/ft²	Occupancy         4.0           Activity Level         User defined           Sensible         230.0           BTU/hr/person         104.1           BTU/hr/person         Schedule           PEOPLE	People
2.2. Task Lighting: Wattage	W/ft²	2.5. Miscellaneous Loads:         0           Sensible         0           Schedule         None           Latent         0           Schedule         None	BTU/hr BTU/hr
2.3. Electrical Equipment:  Wattage	Watts		

### 3. Walls, Windows, Doors:

Ехр.	Wall Gross Area (ft²)	Window 1 Qty.	Window 2 Qty.	Door 1 Qty.
NNW	327.2	0	0	0

3.1. Construction Types for Exposure NNW
Wall Type Wall

4. Roofs, Skylights:
(No Roof or Skylight data).

## 5. Infiltration:

militration.		
Design Cooling	0.00	CFM
Design Heating		
Energy Analysis	0.00	CFM
Infiltration occurs only when the fan is off.		

## 6. Floors:

Type ...... Floor Above Conditioned Space (No additional input required for this floor type).

7. Partitions: (No partition data).



Page 1 of 2 Hourly Analysis Program v4.61

User defined 230.0 BTU/hr/person 104.1 BTU/hr/person PEOPLE		
0	BTU/hr	
None	BTU/hr	
None		
OLA manageme Property Management 6	ent ca.(WLL)	
2 4 SEP 20	1 <mark>17</mark>	
ECEIN	VED	

	Space Input Data	
Clarks		07/25/2017
Lenovelle		08:15AM

G-02 RETAIL

6. Floors:

7. Partitions: (No partition data).

1. General Details:	
Floor Area	ft²
Avg. Ceiling Height	ft
Building Weight	lb/ft²
1.1. OA Ventilation Requirements:	10/11
Space Usage RETAIL: Sales	
OA Requirement 1 8.1	CFM/pe
OA Requirement 2 0.12	CFM/ft <sup>2</sup>
Space Usage Defaults ASHRAE Std 62.1-2007	
2. Internals:	
2.1. Overhead Lighting:	
Fixture Type Recessed (Unvented)	
	W/ft²
Ballast Multiplier	
Schedule LIGHTING	
2.2. Task Lighting:	
Wattage 0.00	W/ft²
Schedule None	
swer sole o	
2.3. Electrical Equipment:	14/-44-
Wattage	Watts
Scriedule ELECRICAL	
3. Walls, Windows, Doors:	
(No Wall, Window, Door data).	
4. Roofs, Skylights:	
(No Roof or Skylight data).	
5. Infiltration:	
Design Cooling	CFM
Design Heating 0.00	CFM
Energy Analysis 0.00	CFM
Infiltration occurs only when the fan is off.	

Type ...... Floor Above Conditioned Space (No additional input required for this floor type).



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n		
	2.4. People:	Doonlo
	Occupancy	People
	Sensible 220.0	
	Latent	
	Schedule PÉOPLE	
	2.5. Miscellaneous Loads:	
	Sensible	BTU/hr
	Schedule None	
	Latent	BTU/hr
	Concedito	

## Air System Sizing Summary for FCU-11 CLARKS

Project Name: Clarks Prepared by: Lenovelle 07/25/2017 08:15AM

Air System Information Air System Name FCU-11 CLARKS Equipment Class CW AHU Air System Type SZCAV  Sizing Calculation Information Zone and Space Sizing Method:		Number of zones	ft²
Zone CFM Peak zone sensible load Space CFM Coincident space loads		Calculation Months Jan to Dec Sizing Data User-Modified	
Central Cooling Coil Sizing Data			
Total coil load       3.5         Total coil load       42.4         Sensible coil load       34.2         Coil CFM at Jul 1900       1700         Max block CFM       1700         Sum of peak zone CFM       1700         Sensible heat ratio       0.806         ft²/Ton       422.7         BTU/(hr-ft²)       28.4         Water flow @ 10.0 °F rise       8.49	MBH MBH CFM CFM CFM	Load occurs at         Jul 1900           OA DB / WB         112.8 / 79.7           Entering DB / WB         75.2 / 65.1           Leaving DB / WB         57.9 / 56.8           Coil ADP         55.8           Bypass Factor         0.100           Resulting RH         52           Design supply temp.         59.9           Zone T-stat Check         0 of 1           Max zone temperature deviation         0.0	*F *F *F *F OK *F
Central Heating Coil Sizing Data			
Max coil load       8.6         Coil CFM at Des Htg       1700         Max coil CFM       1700         Water flow @ 20.0 °F drop       0.86	CFM CFM	Load occurs at	°F
Precool Coil Sizing Data			
Total coil load       1.1         Total coil load       13.6         Sensible coil load       13.6         Coil CFM at Jul 1500       300         Max coil CFM       300         Sensible heat ratio       1.000         Water flow @ 10.0 °F rise       2.72	MBH MBH CFM CFM	Load occurs at         Jul 1500           OA DB / WB         117.3 / 80.8           Entering DB / WB         117.3 / 80.8           Leaving DB / WB         75.0 / 69.6           Bypass Factor         0.100	°F °F
Supply Fan Sizing Data			
Actual max CFM         1700           Standard CFM         1689           Actual max CFM/ft²         1.14	CFM	Fan motor BHP	
Outdoor Ventilation Air Data  Design airflow CFM		CFM/person	CFM/per



Hourly Analysis Program v4.61 Page 1 of 4

900 9.7 °F 5.1 °F 66.8 °F 55.8 °F 100 52 % 99.9 °F OK 0.0 °F					
Htg 5.7 '0.9 °F					
500 10.8 °F 10.8 °F 19.6 °F 100					
1.26 BHP 1.00 kW 3.75 CFM/person					
P 2017  Delivery Dept.					
Page 1 of 4					
Htg 5.7 70.9 500 80.8 80.8 89.6 1.00	°F °F °F °F CFM/person	°F °F °F BHP kW  CFM/person	*F *	*F  *F  *F  *F  *F  *F  *F  *F  *F  *F	"F "F BHP KW CFM/person

## Zone Sizing Summary for FCU-11 CLARKS

Project Name: Clarks Prepared by: Lenovelle

07/25/2017 08:15AM

Air System Information
Air System Name ......
Equipment Class ...... FCU-11 CLARKS ..... CW AHU ..... SZCAV 

Number of zones .. . 1495.1 ft² Floor Area ... Location ... Kuwait City, Kuwait

. Peak zone sensible load ... Coincident space loads Space CFM

Calculation Months ...... Jan to Dec Sizing Data ... **User-Modified** 

## Zone Sizing Data

	Maximum	Design	Minimum	Time	Maximum	Zone	
	Cooling	Air	Air	of	Heating	Floor	
	Sensible	Flow	Flow	Peak	Load	Area	Zone
Zone Name	(MBH)	(CFM)	(CFM)	Load	(MBH)	(ft²)	CFM/ft <sup>2</sup>
FCU-11 CLARKS	28.0	1700	1700	Jul 1900	1.0	1495.1	1.14

### Zone Terminal Sizing Data

No Zone Terminal Sizing Data required for this system.

### Space Loads and Airflows

Zone Name / Space Name	Mult	Cooling Sensible (MBH)	Time of Load	Air Flow (CFM)	Heating Load (MBH)	Floor Area (ft²)	Space CFM/ft²
FCU-11 CLARKS							7022 (002000000000
G-01 RETAIL	1	8.4	Jul 1900	507	1.0	572.6	0.89
G-02 RETAIL	1	19.7	Jul 1900	1193	0.0	922.5	1.29



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# Air System Design Load Summary for FCU-11 CLARKS

Project Name: Clarks Prepared by: Lenovelle 07/25/2017 08:15AM

	DES	GN COOLING	3	DESIGN HEATING HEATING DATA AT DES HTG			
	COOLING DATA A	T Jul 1900					
	COOLING OA DB /	WB 112.8 °	F / 79.7 °F	HEATING OA DB /	WB 40.1 °F /	36.6 °F	
		Sensible	Latent		Sensible	Latent	
ZONE LOADS	Details	(BTU/hr)	(BTU/hr)	Details	(BTU/hr)	(BTU/hr)	
Window & Skylight Solar Loads	0 ft²	0	-	0 ft²	-		
Wall Transmission	327 ft²	1626	-	327 ft²	1023		
Roof Transmission	O ft²	0	-	0 ft²	0		
Window Transmission	0 ft²	0	-	0 ft²	0	-	
Skylight Transmission	O ft²	0	-	0 ft²	0	-	
Door Loads	O ft²	0	-	0 ft²	0		
Floor Transmission	O ft²	0	) <del>-</del>	0 ft²	0		
Partitions	O ft²	0	-	0 ft²	0		
Ceiling	O ft²	0	-	0 ft²	0		
Overhead Lighting	3000 W	6385	-	0	0	12	
Task Lighting	0 W	0	( <u>2</u>	0	0		
Electric Equipment	4300 W	13932	(=	0	0	-	
People	16	3065	1665	0	0	C	
Infiltration	-	0	0	-	0	C	
Miscellaneous		0	0	-	0	C	
Safety Factor	12% / 7%	3001	117	0%	0	0	
>> Total Zone Loads		28008	1782	-	1023	0	
Zone Conditioning		28103	1782	-	1771	C	
Plenum Wall Load	0%	0	-	0	0		
Plenum Roof Load	70%	0	-	0	0		
Plenum Lighting Load	30%	3071	-	0	0		
Return Fan Load	1700 CFM	0		1700 CFM	0		
Ventilation Load	300 CFM	11520	6434	300 CFM	10188	C	
Supply Fan Load	1700 CFM	3412	1-	1700 CFM	-3412		
Space Fan Coil Fans	-	0	_	-	0	(•	
Duct Heat Gain / Loss	1%	280		1%	10		
>> Total System Loads	-	46386	8215	-	8558	C	
Central Cooling Coil		34226	8217	-	0	C	
Central Heating Coil	_	0	į	-	8558	2	
Precool Coil	-	12161	0	-	0	0	
>> Total Conditioning	-	46386	8217	_	8558	0	
Key:	Positive v	alues are cig	loads	Positive values are htg loads			
Williams ▼ Mass	Negative v	alues are htg	loads	Negative values are clg loads			



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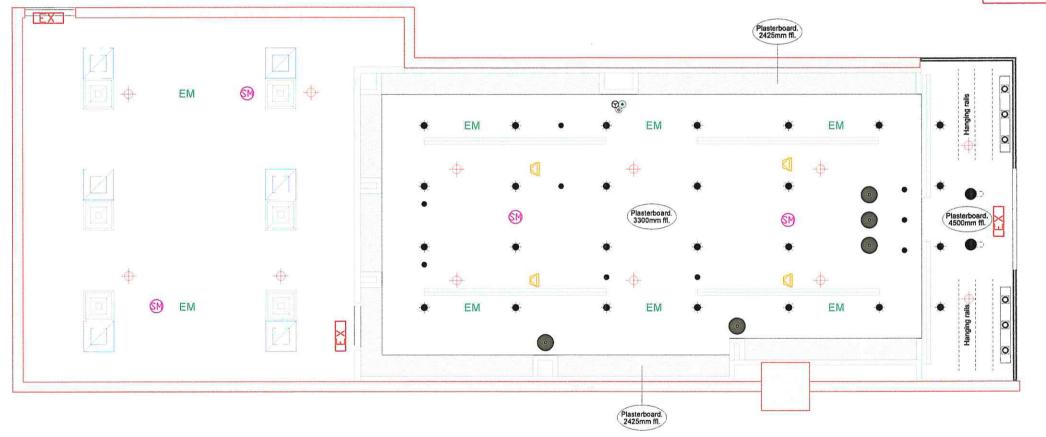
Location: Kuwait City, Kuwait Altitude: 180.0 ft. Data for: July DESIGN COOLING DAY, 1900 30 1. Outdoor Air 2. Vrecool Coil Outlet 3. Wixed Air 3. Wixed Air 5. Supply Fan Outlet 6. Duct Heat 6. Duct Heat 7. Return Plenum Outlet 40 50 60 70 80 Temperature(°F) 90 100 110 Specific Humidity ( lb/lb ) 0.000 0.018 0.020 0.002 0.004 0.016 OLA management GLA Property Management Co. (WLL) 2 4 SEP 2017

Hourly Analysis Program v4.61

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Project Name: Clarks Prepared by: Lenovelle Psychrometric Analysis for FCU-11 CLARKS 07/25/2017 08:15AM



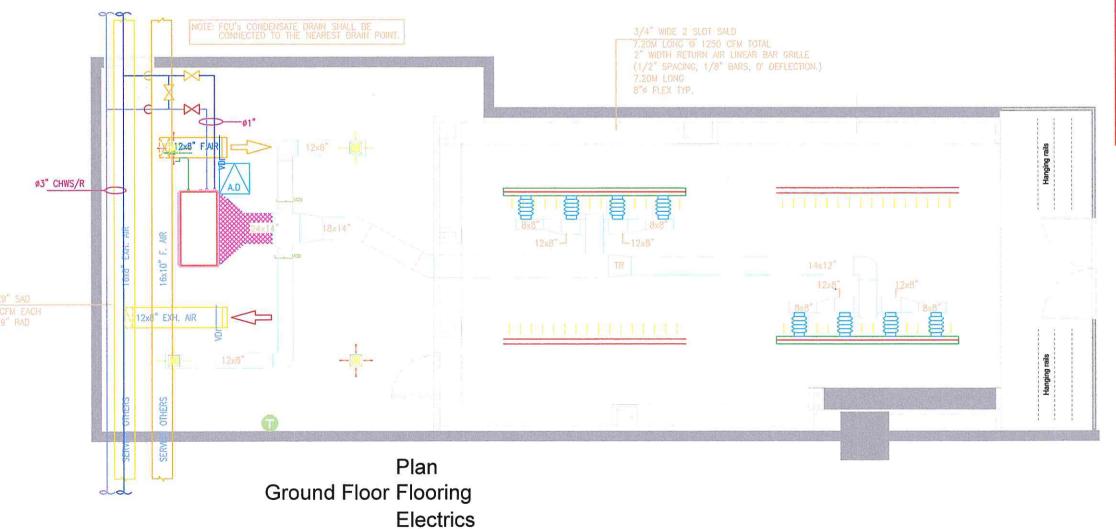


D.B. N.A. DDL. Ef. ATI AL

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LEGEND PENDENT & UPRIGHT SPRINKLER PENDENT SPRINKLER SMOKE DETECTOR SPEAKER EMERGENCY LIGHT EM EX M AC DEFUSER AC GRILL

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



DUCTED FAN COIL UNIT SCHEDULE - GROUND FLOOR (HV-104-00) (INVESTER'S SCOPE OF WORK)

60.0

SUPPLY COOLING CAPACITY

AIR SENSIBLE TOTAL TOTAL

CFM (BTUH) (BTUH) (TR)

1800 35640 42687 3.6

75.0

63.0

57.0

56.0

46.0

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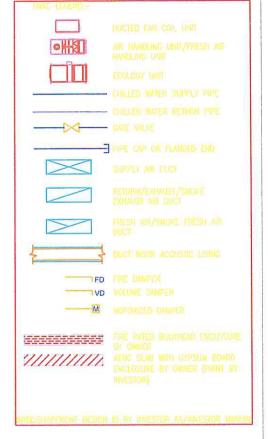
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CHILLED WATER

MAX. PD COIL

FT. H<sub>2</sub>O ROWS

6.1 10 4 0.3







AC-01

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

E.S.P. T.S.P. FILTER

ELECTRICAL DATA

PH

HZ

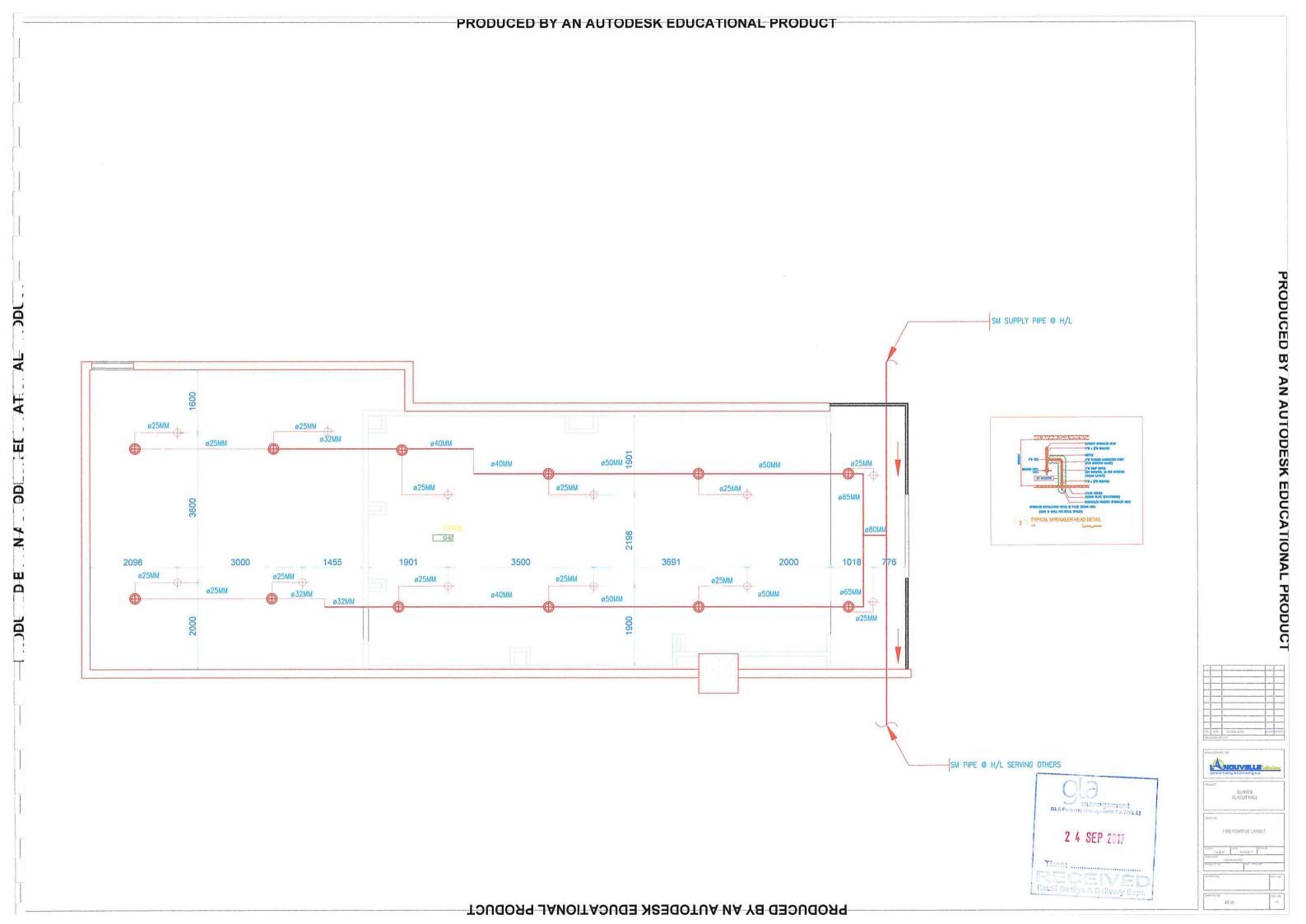
REMARKS

SEE NOTE (1)

THK./ WATTS VOLTS

TYPE

1.0 2" FLAT



AL... DDL

AT

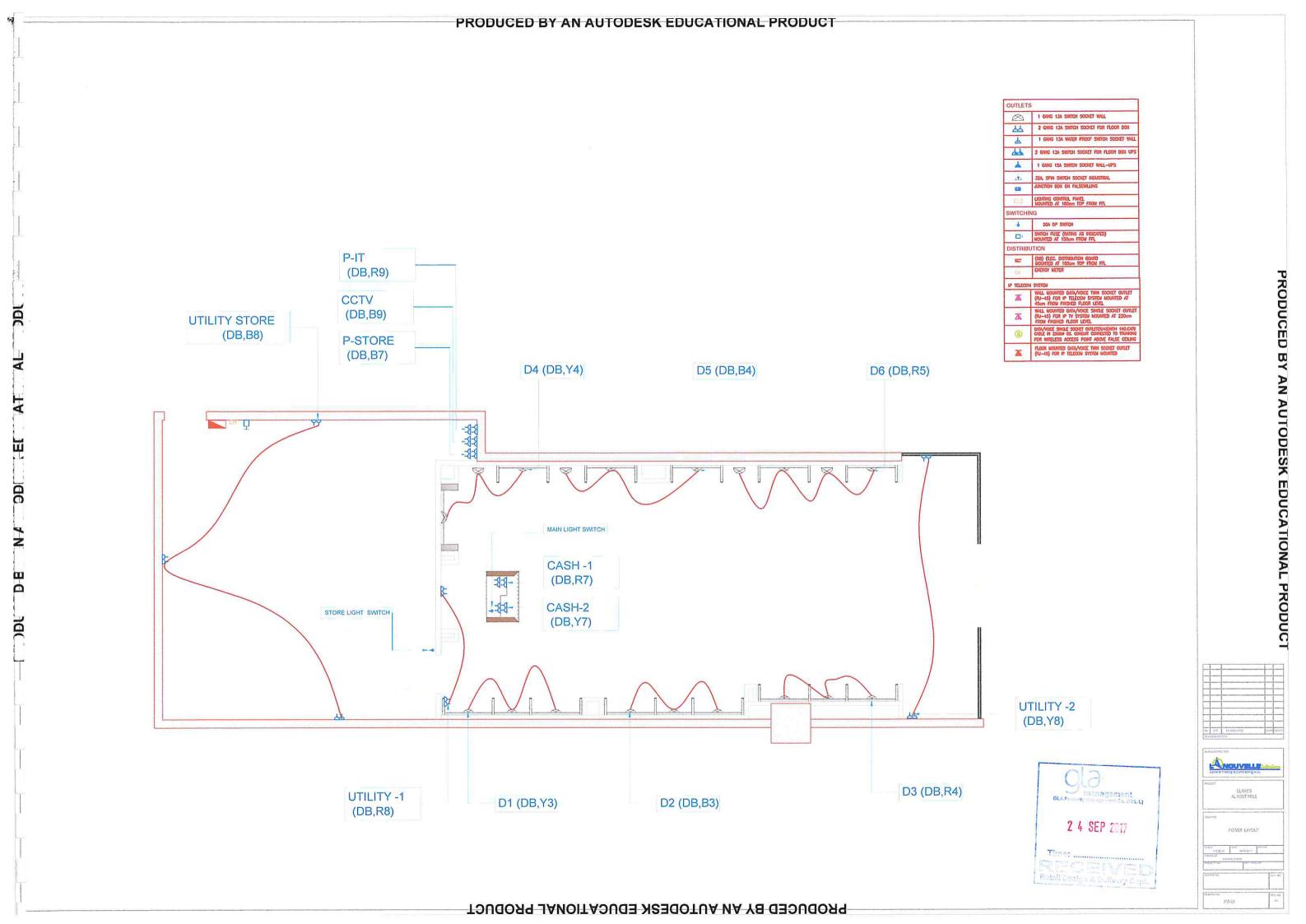
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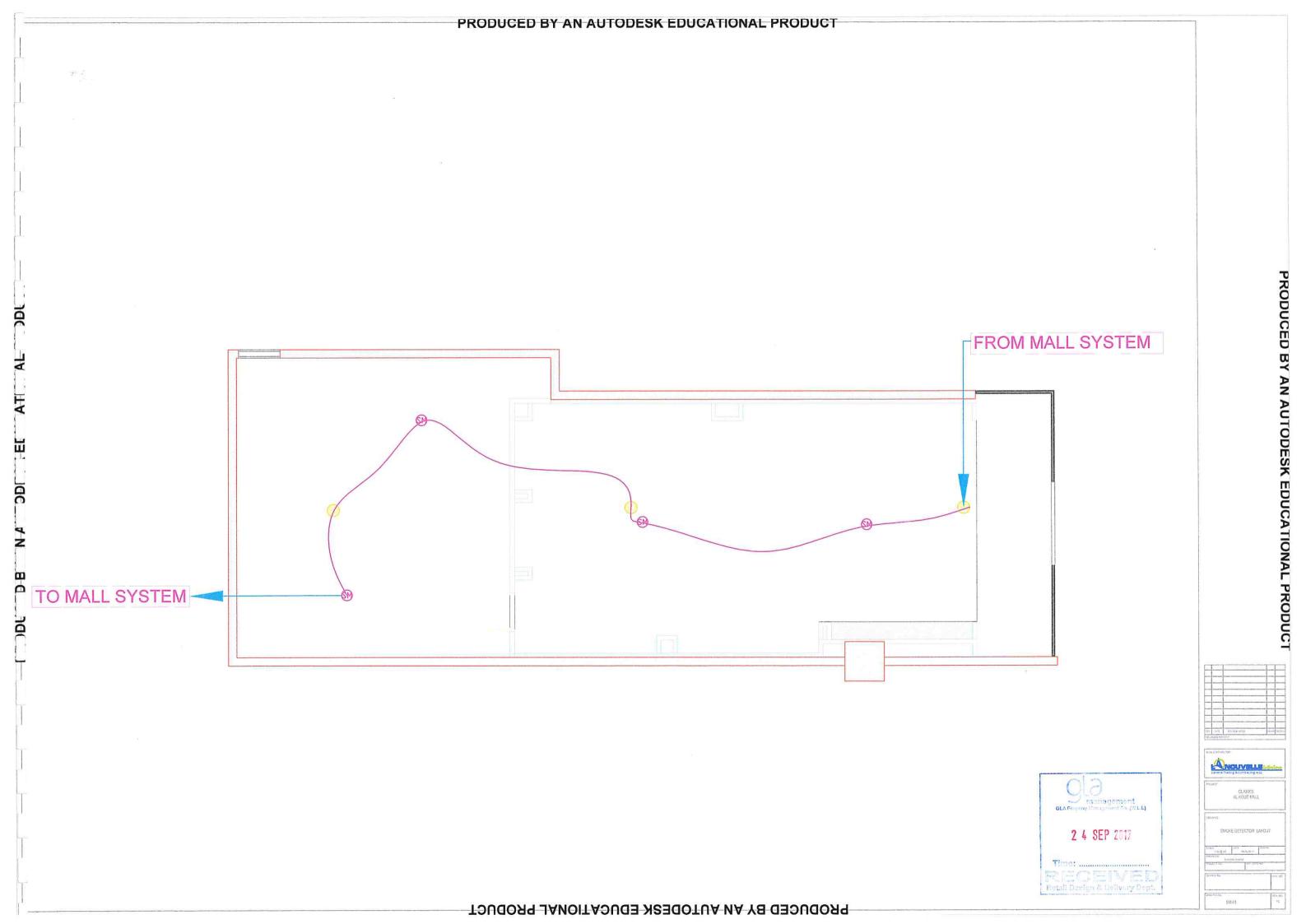
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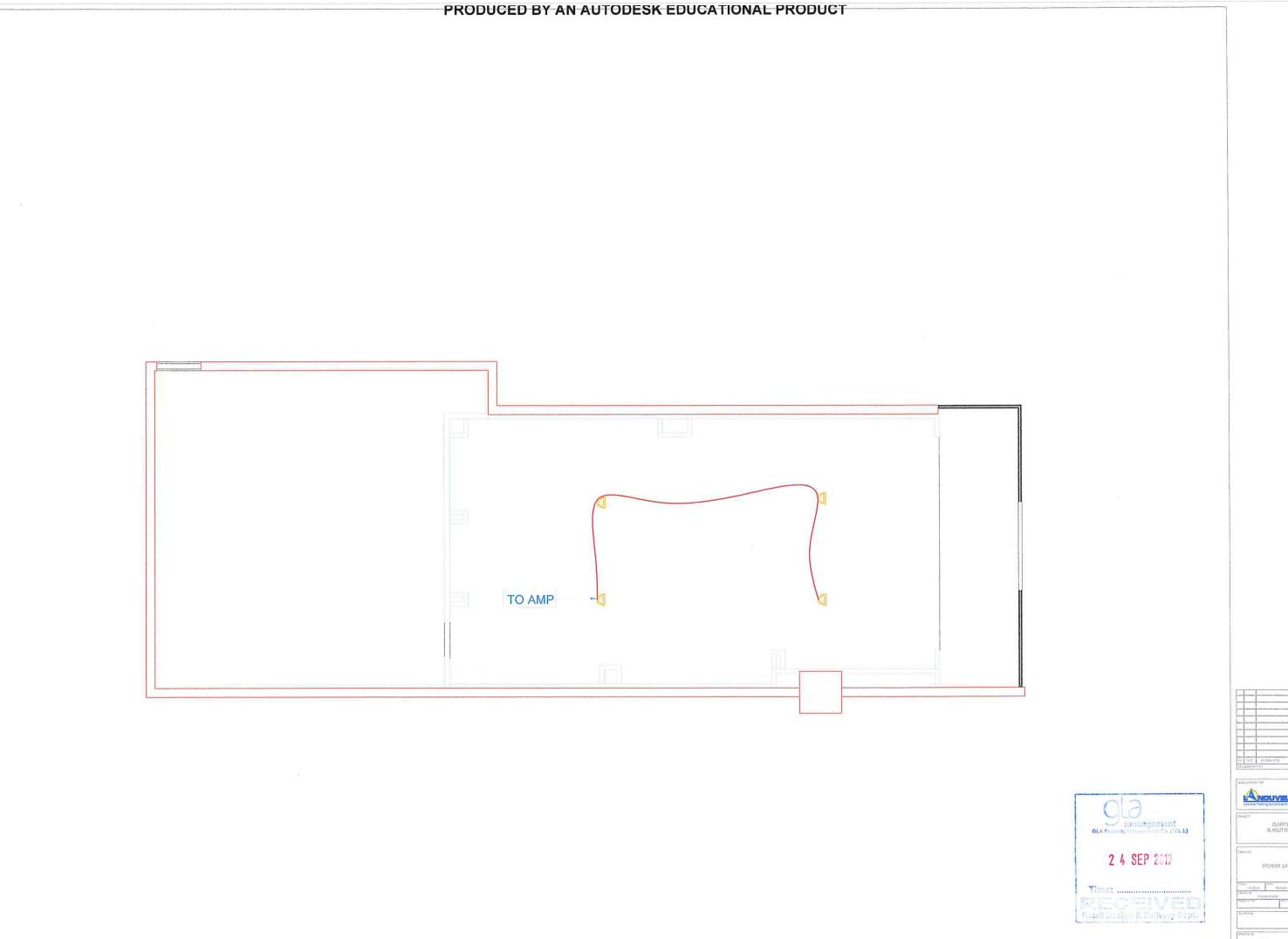
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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT NOUVELLE





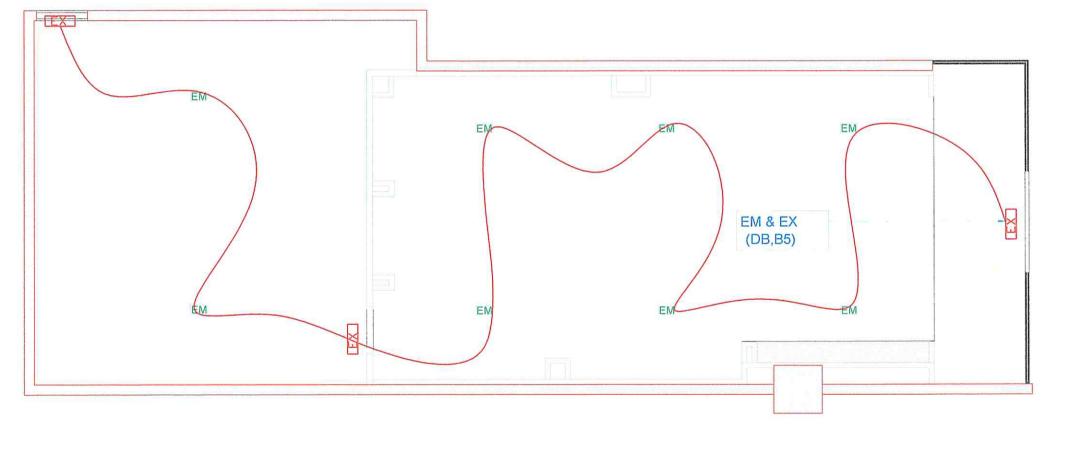


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PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT Ceneral fracing & Contracting with



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