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1	1. Detail, Section or Elevation Number
2	2. Sheet Number Where Detailed or Referenced

Revision No.	Date:	Description
NOV.28/05	ISSUED	FOR B.P.
FEB.14/06	ISSUED	FOR I.E.N.U.M.
APRIL 20/06	ISSUED	FOR CONSTRUCTION

client

TORODE Residential LTD.

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

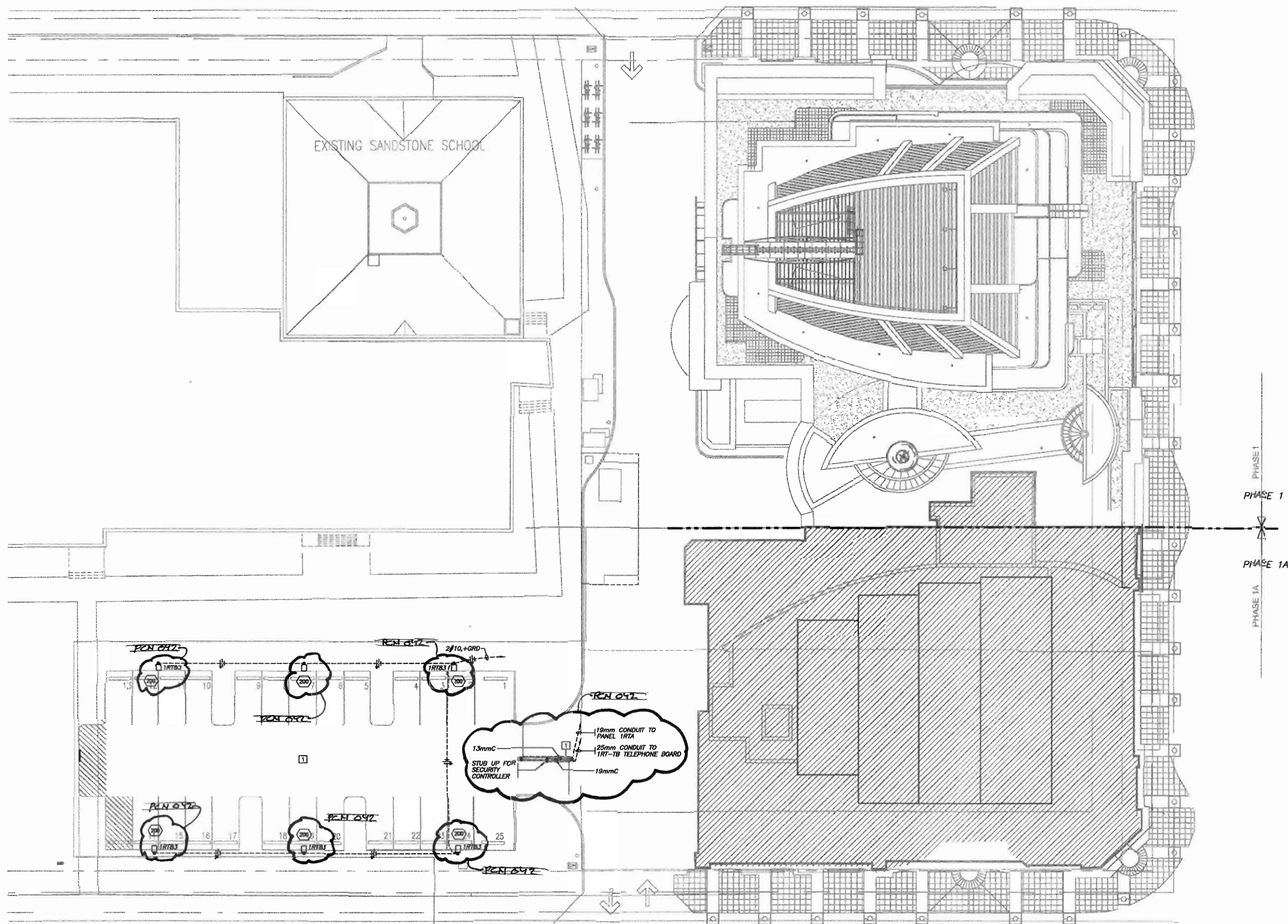
drawing title

SITE PLAN AND LEGEND
ELECTRICAL

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no: sheet no:

3 E1.0
SHEET SIZE: 30 x 42



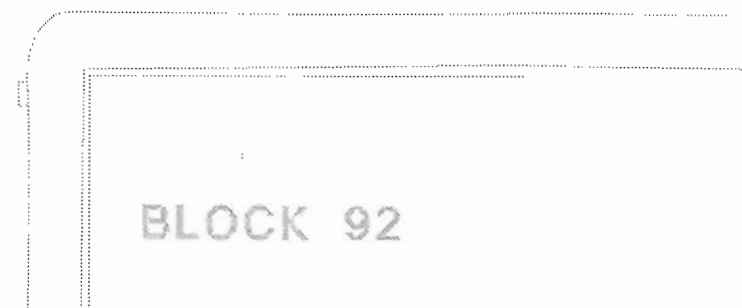
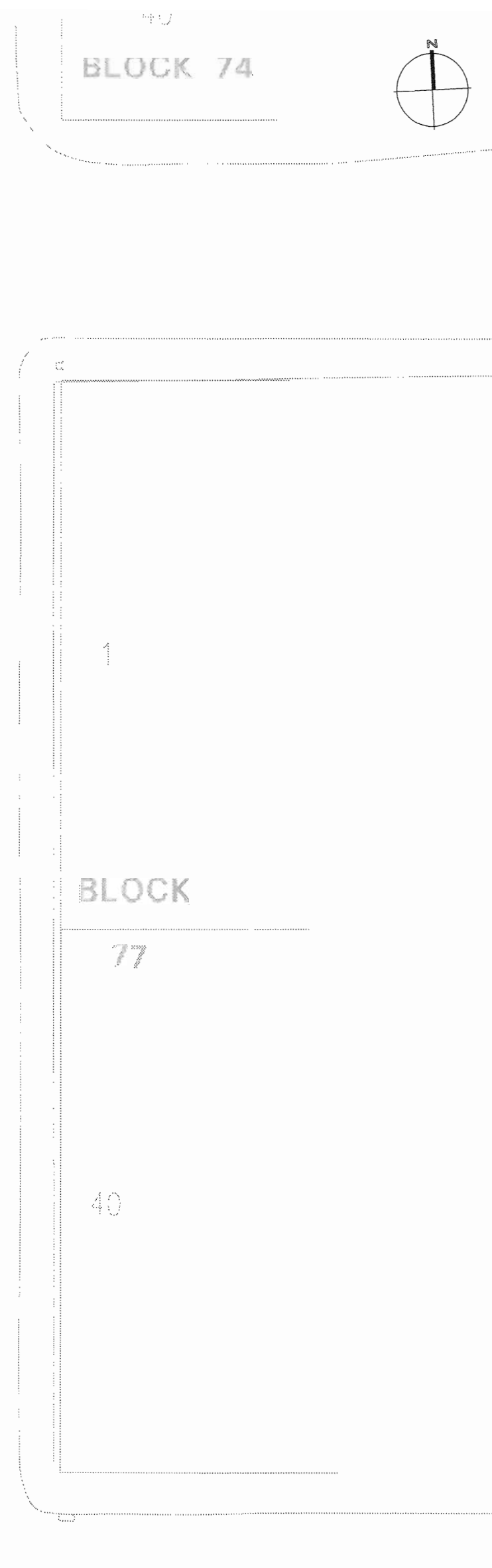
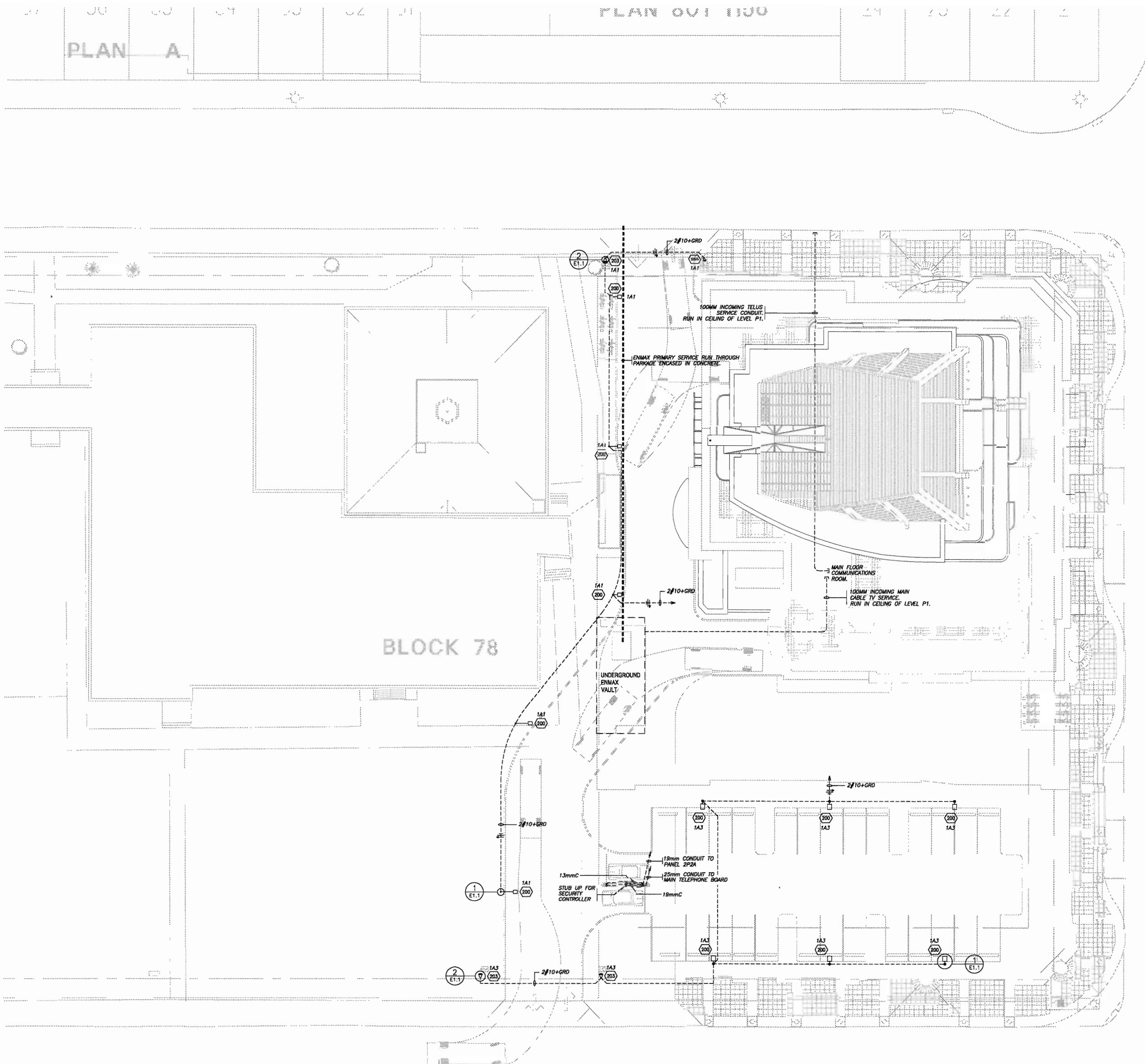
SHEET NOTES:

1 PROVIDE BREAKOUT PRICE FOR ALL WORK INVOLVED WITH PARKING LOT LIGHTS AND ENTRY CONTROL CONDUIT.

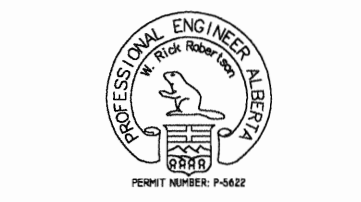
1 SITE PLAN - ELECTRICAL
E1.0 SCALE: 1:200

LEGEND OF SYMBOLS

LIGHTING		POWER	
	RECESSED INCANDESCENT/COMPACT FLUORESCENT LUMINAIRE		SINGLE/APPLIANCE RECEPTACLE
	SURFACE INCANDESCENT/COMPACT FLUORESCENT LUMINAIRE		DUPLEX RECEPTACLE
	WALL INCANDESCENT/COMPACT FLUORESCENT LUMINAIRE		ISOLATED GROUND RECEPTACLE
	INCANDESCENT/COMPACT FLUORESCENT WALL WASHER		GROUND FAULT RECEPTACLE
	RECESSED INCANDESCENT/COMPACT FLUORESCENT LUMINAIRE ON EMERGENCY POWER		SPLIT OUTLET RECEPTACLE
	SURFACE INCANDESCENT/COMPACT FLUORESCENT LUMINAIRE ON EMERGENCY POWER		WEATHERPROOF RECEPTACLE
	WALL INCANDESCENT/COMPACT FLUORESCENT LUMINAIRE ON EMERGENCY POWER		SWITCH RECEPTACLE
	RECESSED FLUORESCENT LUMINAIRE		FOURPLEX RECEPTACLE
	SURFACE FLUORESCENT LUMINAIRE		ISOLATED GROUND FOURPLEX RECEPTACLE
	FLUORESCENT STRIP LUMINAIRE		COMPUTER DUPLEX RECEPTACLE
	RECESSED FLUORESCENT LUMINAIRE ON EMERGENCY POWER		COMPUTER FOURPLEX RECEPTACLE
	SURFACE FLUORESCENT LUMINAIRE ON EMERGENCY POWER		FLOOR MOUNTED RECEPTACLE
	SURFACE FLUORESCENT LUMINAIRE ON EMERGENCY POWER		FLOOR MOUNTED ISOLATED GROUND RECEPTACLE
	SURFACE H.I.D. LUMINAIRE		FLOOR MOUNTED ISOLATED GROUND FOURPLEX RECEPTACLE
	WALL H.I.D. LUMINAIRE		CEILING MOUNTED COMPUTER DUPLEX RECEPTACLE
	POLE MOUNTED LUMINAIRE		CEILING MOUNTED SINGLE/APPLIANCE RECEPTACLE
	LIGHTING BOLLARD		CEILING MOUNTED JUNCTION/SLAB BOX
	LIGHTING LUMINAIRE TYPE TAG		WALL MOUNTED JUNCTION BOX
	EXIT LIGHT - CEILING (C/W ARROWS AS INDICATED)		FLOOR MOUNTED JUNCTION/SLAB BOX
	EXIT LIGHT - WALL (C/W ARROWS AS INDICATED)		ELECTRICAL PANEL/BOARD - SURFACE MOUNTED
	EMERGENCY LIGHTING BATTERY PACK		ELECTRICAL PANEL/BOARD - RECESSED MOUNTED
	EMERGENCY LIGHTING BATTERY PACK C/W LIGHTING HEADS		CONTACTOR
	SINGLE REMOTE EMERGENCY LIGHTING HEAD - CEILING MOUNTED		CONTROL TRANSFORMER
	DOUBLE REMOTE EMERGENCY LIGHTING HEAD - CEILING MOUNTED		TIMECLOCK
	DOUBLE REMOTE EMERGENCY LIGHTING HEAD - WALL MOUNTED	FIRE ALARM	
	DOUBLE REMOTE EMERGENCY LIGHTING HEAD - WALL MOUNTED		SMOKE ALARM
	SWITCH - SINGLE GANG		SMOKE DETECTOR
	SWITCH - TWO GANG		SMOKE DETECTOR IN CEILING PLENUM
	SWITCH - THREE GANG		SMOKE DETECTOR UNDER FLOOR
	SWITCH - FOUR GANG		RATE OF RISE HEAT DETECTOR
	2 POLE SWITCH		FIXED TEMPERATURE HEAT DETECTOR (50°C)
	SWITCH - 3 WAY		FIXED TEMPERATURE HEAT DETECTOR (80°C)
	SWITCH - LOW VOLTAGE		DUCT SMOKE DETECTOR - "M" DENOTES MANUAL RETURN AIR, "N" DENOTES RETURN AIR
	SWITCH - MANUAL STARTER		DUCT SMOKE DETECTOR C/W SHUTDOWN RELAY
	SWITCH - KEY SWITCH		FIRE ALARM BREAKGLASS
	SWITCH - DIMMER SWITCH		SPRINKLER FLOW SWITCH
	SWITCH - MOTION SENSOR SWITCH		SPRINKLER TAMPER SWITCH
	SWITCH C/W PILOT LIGHT - SINGLE GANG		PRESSURE SWITCH
	PHOTO ELECTRIC LIGHT		SOLENOID VALVE
	MOTION SENSOR - CEILING MOUNTED		END OF LINE RESISTOR
	MOTION SENSOR - WALL MOUNTED		FIRE ALARM BELL
SYSTEMS			FIRE ALARM HORN
	VOICE OUTLET		FIRE ALARM MINI HORN WITH SILENCE BUTTON
	DATA OUTLET		FIRE ALARM MINI HORN WITHOUT SILENCE BUTTON
	COMBINATION VOICE/DATA OUTLET		FIRE ALARM STROBE
	TELEVISION OUTLET		FIRE ALARM COMBINATION BELL AND STROBE
	FLOOR MOUNTED VOICE OUTLET		FIRE ALARM COMBINATION HORN AND STROBE
	FLOOR MOUNTED DATA OUTLET		FIRE ALARM SPEAKER - CEILING MOUNTED
	FLOOR MOUNTED COMBINATION VOICE/DATA OUTLET		FIRE ALARM COMBINATION SPEAKER/STROBE - CEILING MOUNTED
	CEILING MOUNTED TELEVISION OUTLET		FIRE ALARM SPEAKER - WALL MOUNTED
	TELECOMMUNICATIONS ZONE BOX		FIRE ALARM COMBINATION SPEAKER/STROBE - WALL MOUNTED
	DATA COMMUNICATION ZONE BOX		FIRE PHONE
	VOICE COMMUNICATION ZONE BOX		CONTROL MODULE
	MICROPHONE OUTLET		MONITORING MODULE
	PA SPEAKER - CEILING MOUNTED	MECHANICAL	
	PA SPEAKER - WALL MOUNTED		MOTOR
	VOLUME CONTROLLER		MOTOR C/W DISCONNECT SWITCH
	CHIME		MOTOR C/W MANUAL STARTER
	CALL-IN HORN		UNFUSED DISCONNECT SWITCH
	SECURITY HORN		FUSED DISCONNECT SWITCH
	PULSATION		COMBINATION MAG STARTER/DISCONNECT SWITCH
	DOOR HOLDER		MAGNETIC STARTER



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Consulting Electrical Engineers

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1	JAN.20/05	ISSUED FOR MECH./ELEC. SCOPE TENDER.
2	FEB.17/05	ISSUED FOR 50% REVIEW
3	APRIL 01/05	ISSUED FOR 50% SIGN-OFF/CONCRETE TENDER UPDATE
4	APRIL 15/05	ISSUED FOR CONSTRUCTION -EXCAVATION & SHORING
5	APRIL 29/05	ISSUED FOR REVIEW
6	MAY 19/05	ISSUED FOR PARKADE CONSTRUCTION
7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION
10	SEPT. 08/05	ISSUED FOR PARKADE CONSTRUCTION INCLUDING ADDENDUMS

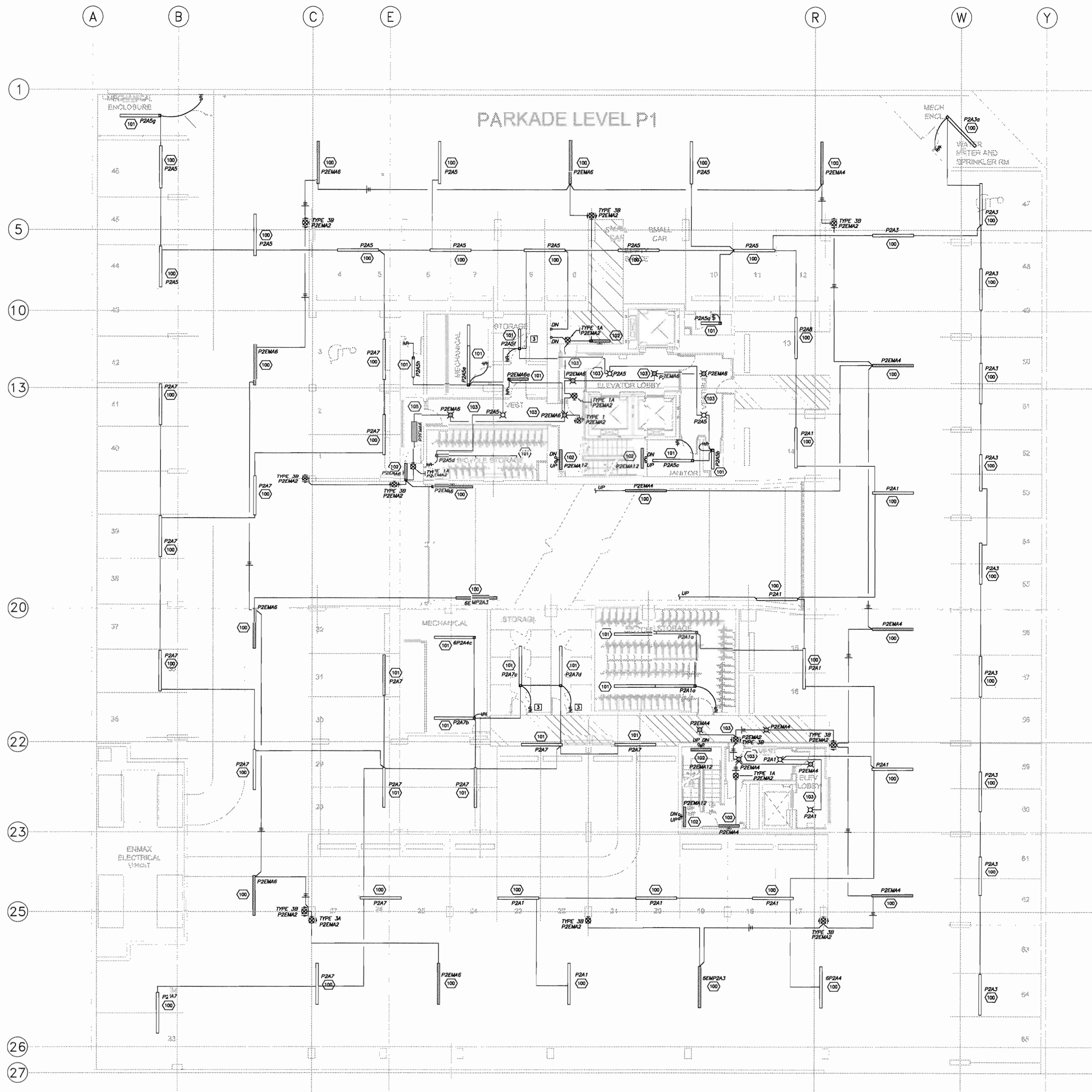
client
TORODE Residential LTD.
ariva

project title
VICTORIA SCHOOL CONDOMINIUMS

411, 11 AVE. S.E. CALGARY, ALBERTA

drawing title
SITE PLAN ELECTRICAL

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:
re-issue no: sheet no:
9 **E1.0**
SHEET SIZE: 30 x 42



1 LEVEL P1 - LIGHTING PLAN
E2.1
SCALE: 1:100

SHEET NOTES:

1. ALL WALL MOUNTED EXIT LIGHTS SHALL BE MOUNTED AT +2400mm OR 300mm BELOW FINISHED CEILING, WHICHEVER IS LOWER. EXIT LIGHTS MOUNTED ABOVE DOORS SHALL BE MOUNTED AT MIDPOINT BETWEEN DOOR FRAME AND CEILING OR AT +300mm ABOVE DOOR FRAME, WHICHEVER IS LOWER. CO-ORDINATE ALL LOCATIONS WITH MECHANICAL CONTRACTOR TO AVOID PIPING FROM INTERFERING WITH LINE OF SIGHT OF EXIT LIGHT.
2. ALL WALL MOUNTED LIGHT FIXTURES SHALL BE MOUNTED AT +2250mm OR 200mm BELOW CEILING WHICHEVER IS LOWER, UNLESS OTHERWISE NOTED.
3. LOCATE SWITCHES OUTSIDE STORAGE LOCKERS.



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10	SEPT. 08/05	ISSUED FOR PARKADE CONSTRUCTION INCLUDING ADDENDUMS

client

TORODE Residential LTD.
arita

project title

**VICTORIA SCHOOL
CONDOMINIUMS**

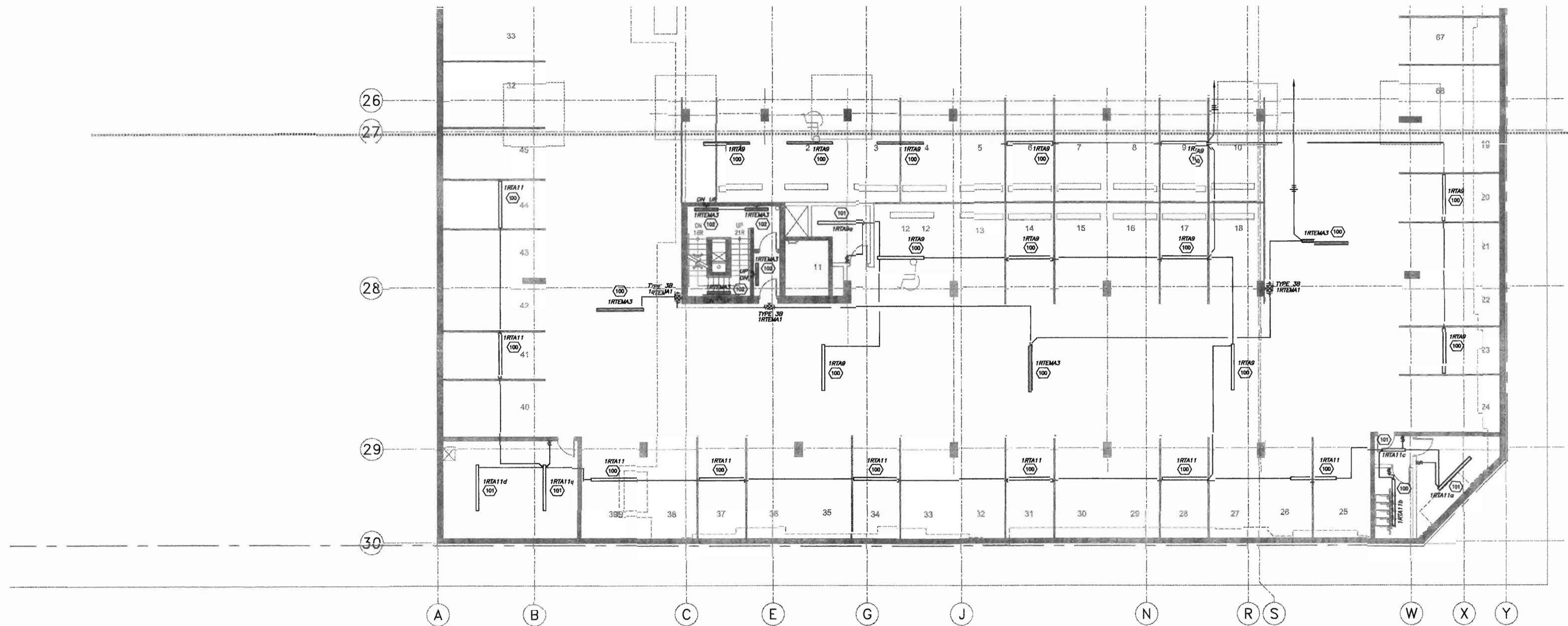
411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

**LEVEL P1
LIGHTING PLAN**

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no: sheet no:
a F2 1
SHEET SIZE: 30 x 42



1 LEVEL P1 - LIGHTING PLAN
E2.1 SCALE: 1:100

SHEET NOTES:

- ALL WALL MOUNTED EXIT LIGHTS SHALL BE MOUNTED AT +2400mm OR 300mm BELOW FINISHED CEILING, WHICHEVER IS LOWER. EXIT LIGHTS MOUNTED ABOVE DOORS SHALL BE MOUNTED AT MIDPOINT BETWEEN DOOR FRAME AND CEILING OR AT +300mm ABOVE DOOR FRAME, WHICHEVER IS LOWER. CO-ORDINATE ALL LOCATIONS WITH MECHANICAL CONTRACTOR TO AVOID PIPING FROM INTERFERING WITH LINE OF SIGHT OF EXIT LIGHTS.
- ALL WALL MOUNTED LIGHT FIXTURES SHALL BE MOUNTED AT +2250mm OR 200mm BELOW CEILING WHICHEVER IS LOWER, UNLESS OTHERWISE NOTED.



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Structural Review Associates Ltd.



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1	2
1. Detail, Section or Elevation Number	2. Sheet Number Where Detailed or Referenced

Rev.	No.	Date	Description
1	NOV/05	28/05	ISSUED FOR TENDER
2	FEB/06	14/06	ISSUED FOR TENDER
3	APR/06	20/06	ISSUED FOR CONSTRUCTION

client

TORODE Residential LTD.



project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

LEVEL P1
LIGHTING PLAN

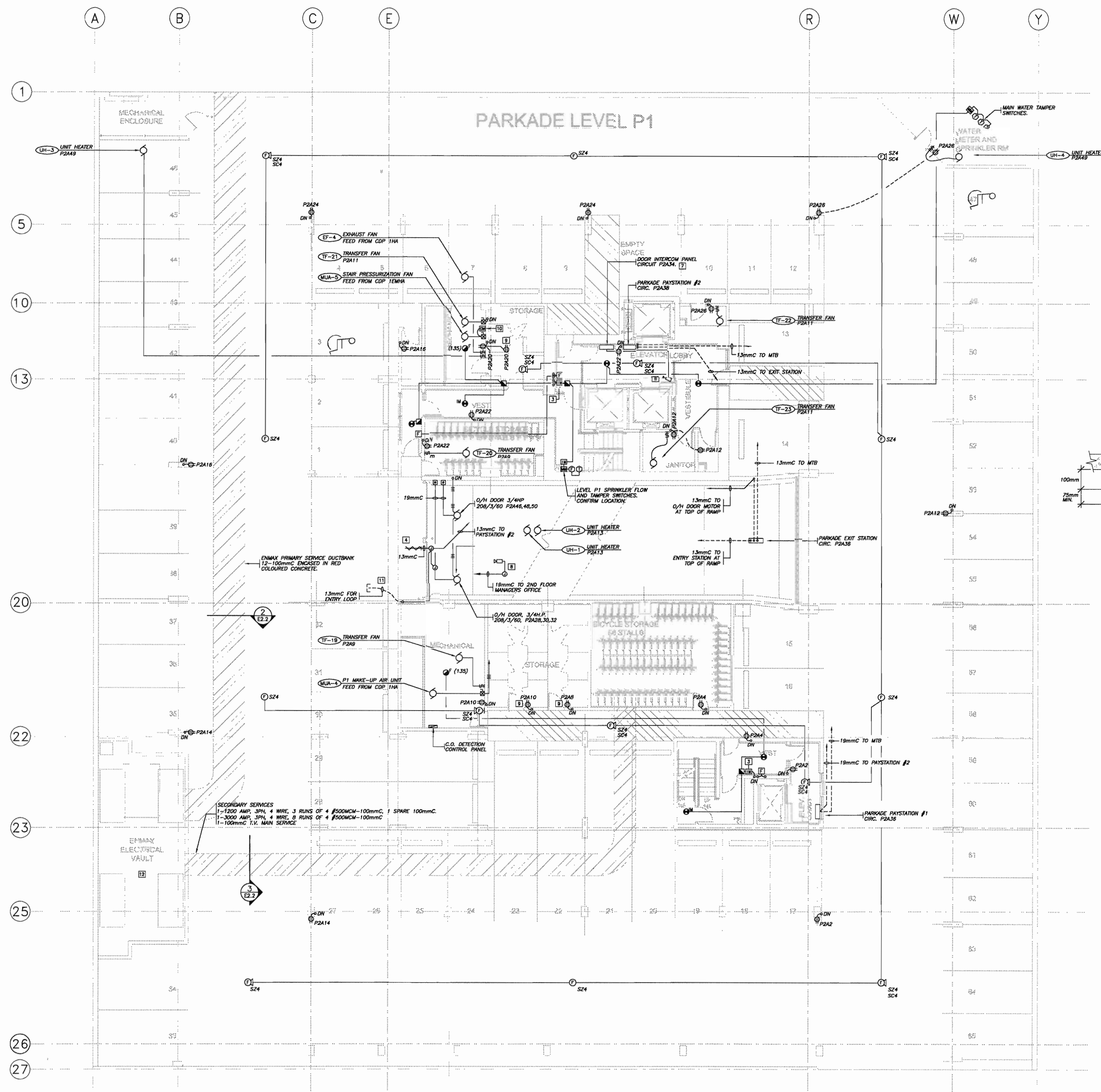
scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no:

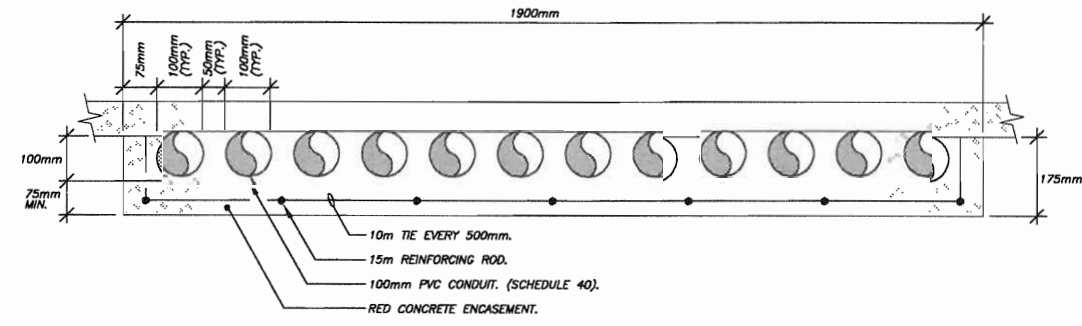
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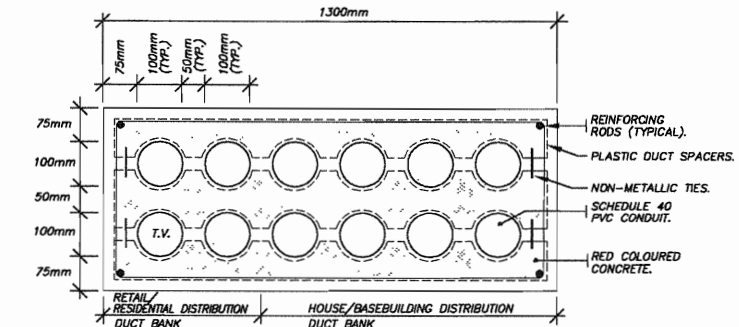
E2.1



1 LEVEL P1 - POWER & SYSTEMS PLAN
SCALE: 1:100



2 PRIMARY DUCT BANK SECTION
SCALE: N.T.S.



3 SECONDARY SERVICE DUCT BANK DETAIL
SCALE: N.T.S.

- SHEET NOTES:**
- COORDINATE DOOR ENTRY DEVICES WITH DOOR INSTALLER AND SECURITY INSTALLER PRIOR TO ROUGH-IN.
 - LOCATE FIRE ALARM WALL MOUNTED SPEAKERS 300mm BELOW CEILING.
 - FIRE ALARM INITIATING LOOP FLOOR ISOLATION MODULE.
 - CONFIRM EXACT LOCATION OF DOOR ENTRY RF RECEIVER PRIOR TO ROUGH-IN. RUN 13mmC FROM RECEIVER TO D/H DOOR CONTROLLER.
 - ALL MOTOR STARTERS IN NON SECURED AREAS SHALL BE C/W WIRE OR PLEXIGLAS LOCKABLE COVERS.
 - COORDINATE ALL UTILITY SERVICES LEAVING VAULT WITH ENMAX.
 - RUN A 25mm CONDUIT FROM DOOR INTERCOM PANEL TO MAIN TELEPHONE AND TELEVISION BOARDS.
 - CONFIRM LOCATION OF CCTV CAMERAS PRIOR TO ROUGH-IN.
 - LOCATE DUPLEX RECEPTACLE OUTSIDE STORAGE LOCKER IN CORRIDOR.
 - FIRE ALARM CONTROL MODULE FOR FAN SHUT DOWN.
 - COORDINATE CONDUIT STUB LOCATION WITH PARKING CONTROL SYSTEM INSTALLER.
 - GROUND AS PER CURRENT ENMAX STANDARDS.

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Consulting Electrical Engineers

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7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION
10	SEPT. 08/05	ISSUED FOR PARKADE CONSTRUCTION INCLUDING ADDENDUMS

client
TORODE Residential LTD.
arriva

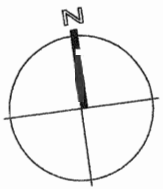
project title
VICTORIA SCHOOL CONDOMINIUMS

411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title
**LEVEL P1
POWER & SYSTEMS PLAN**

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no: sheet no:
9 E2.2
SHEET SIZE: 30 x 42



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1	2
1. Detail, Section or Division Number	2. Sheet Number Where Detailed or Referenced
Revision No.	Date
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2	FEB/14/06
3	APRIL 20/06

Revision No.	Date	Description
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3	APRIL 20/06	ISSUED FOR CONSTRUCTION

client

Torode Residential black_med.jpg

project title
VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

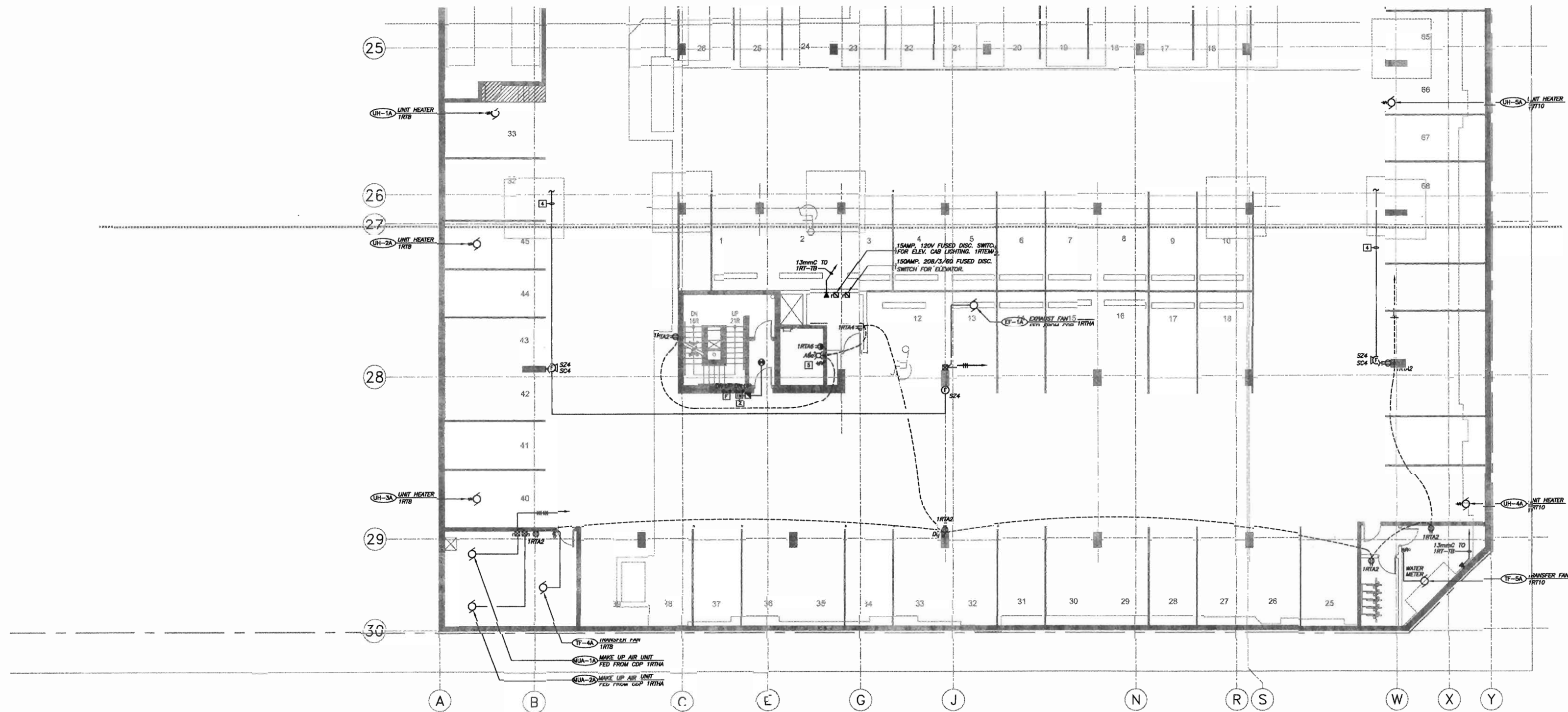
439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

LEVEL P1
POWER & SYSTEMS PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no: sheet no:



1 LEVEL P1 - POWER & SYSTEMS PLAN
E2.2
SCALE: 1:100

SHEET NOTES:

1. LOCATE FIRE ALARM ON COLUMNS, 300mm BELOW COLUMN CAPITALS.
2. FIRE ALARM INITIATING LOOP FLOOR ISOLATION MODULE.
3. ALL MOTOR STARTERS IN NON SECURED AREAS SHALL BE C/W WIRE OR PLEDGLAS LOCKABLE COVERS.
4. THE SPEAKER/STROBES TO EXISTING FLOOR SPEAKER AND STROBE ZONES.
5. LOCATE DEVICES 600mm FROM ELEVATOR PIT FLOOR.



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client
TORODE Residential LTD.
ariva

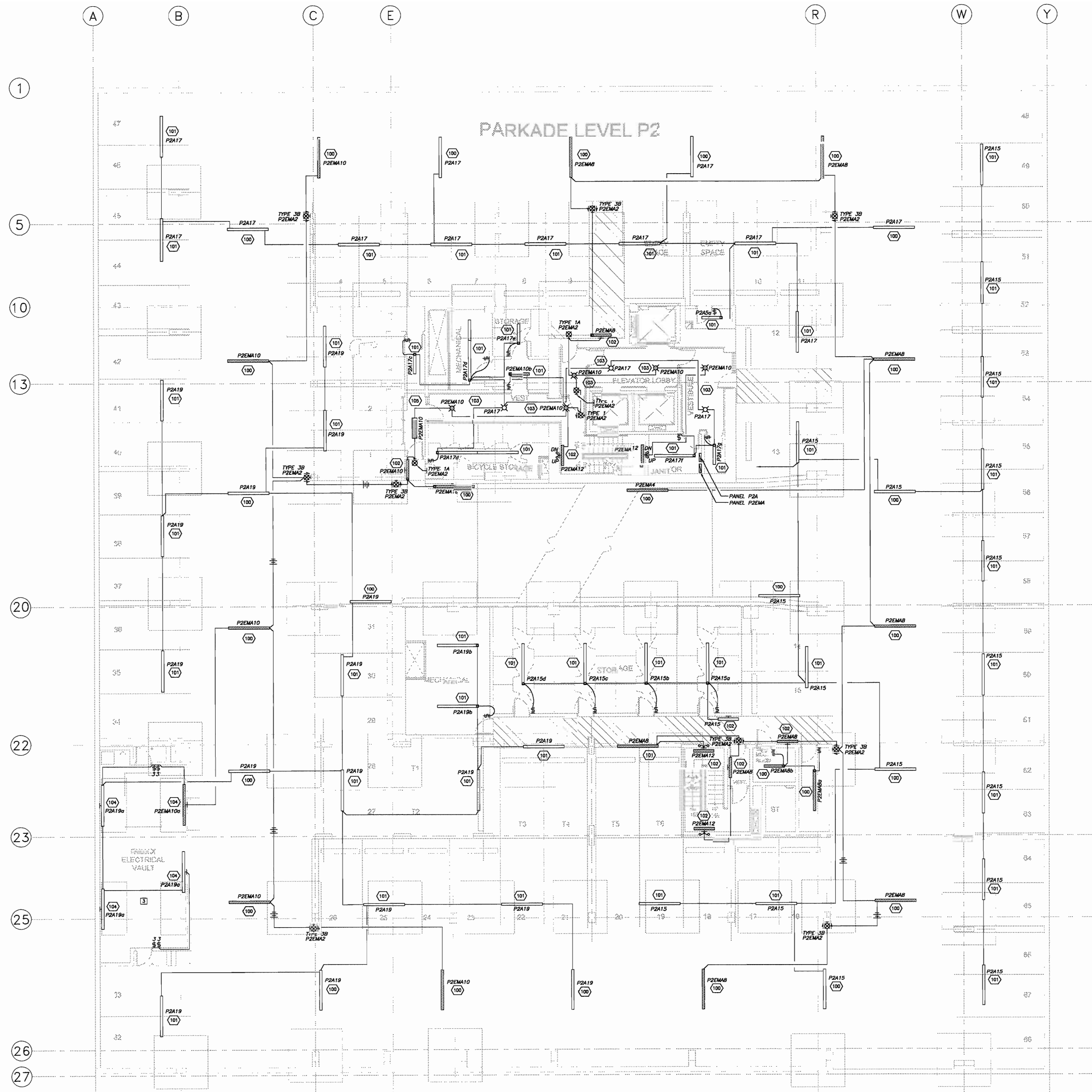
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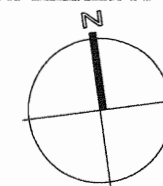
drawing title
LEVEL P2 LIGHTING PLAN

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no: sheet no:
E2.3
SHEET SIZE: 30 x 42



1 LEVEL P2 - LIGHTING PLAN
E2.3 SCALE: 1:100



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Consulting Electrical Engineers



PERMIT NUMBER: P-5522

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2 FEB.14/06 ISSUED FOR TENDER
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client

TORONTO Residential LTD.
arriA

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

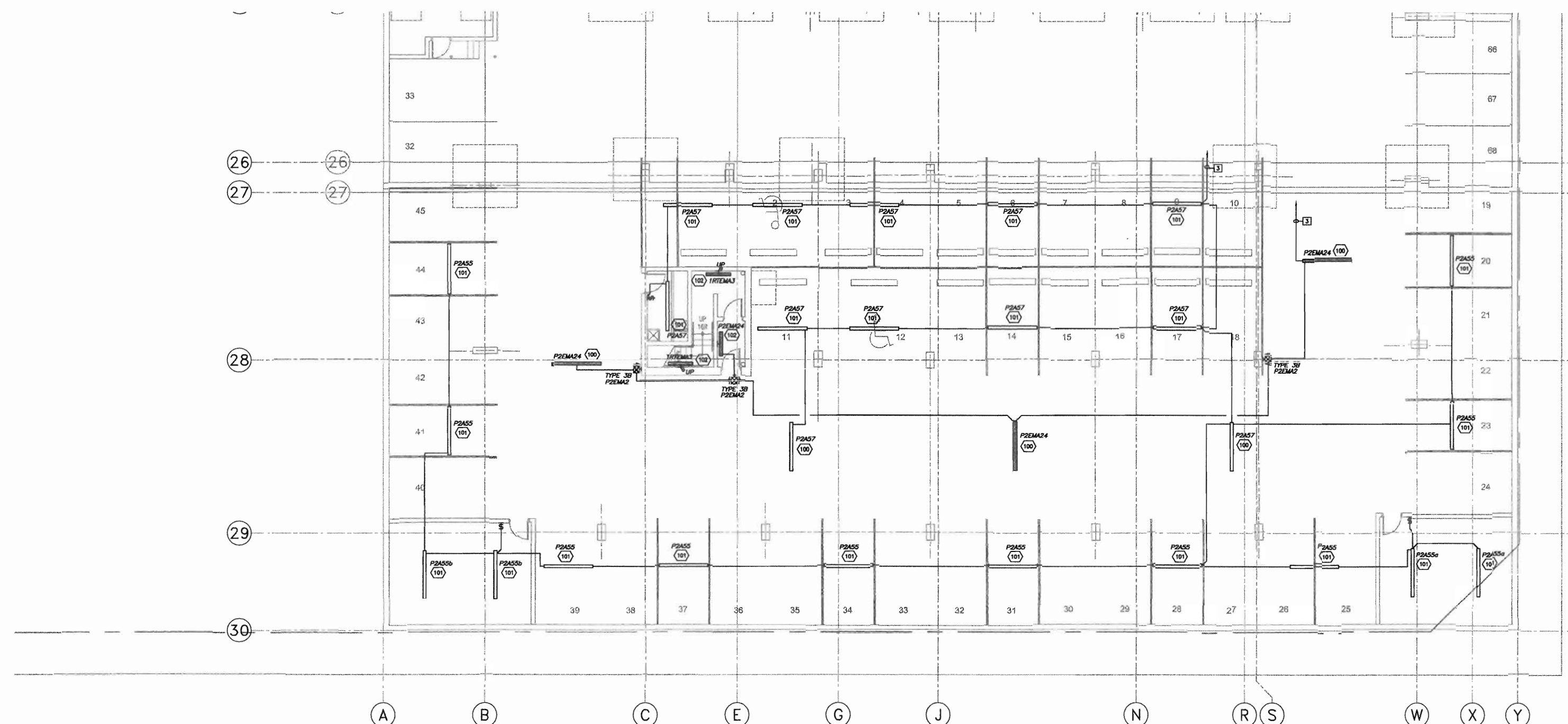
LEVEL P2
LIGHTING PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no:

sheet no:

3 F2.3
SHEET SIZE: 30" x 42"



1 LEVEL P2 - LIGHTING PLAN
E2.3 SCALE: 1:100

SHEET NOTES:

1. ALL WALL MOUNTED EXIT LIGHTS SHALL BE MOUNTED AT +2250mm OR 300mm BELOW FINISHED CEILING, WHICHEVER IS LOWER. EXIT LIGHTS MOUNTED ABOVE DOORS SHALL BE LOCATED AT MIDPOINT BETWEEN DOOR FRAME AND CEILING OR AT +300mm ABOVE DOOR FRAME, WHICHEVER IS LOWER. COORDINATE ALL LOCATIONS WITH MECHANICAL CONTRACTOR TO AVOID PIPING FROM INTERFERING WITH LINE OF SIGHT OF EXIT LIGHT.
2. ALL WALL MOUNTED LIGHT FIXTURES SHALL BE MOUNTED AT +2250mm OR 200mm BELOW CEILING, WHICHEVER IS LOWER, UNLESS OTHERWISE NOTED.
3. CONNECT FIXTURES TO EXISTING PHASE 1 ELECTRICAL PANELS.



consultants

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Calgary Alberta T2N 3P7
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Fax: (403) 270-8838
www.bkdi.com



Schmitt, Robertson & Assoc. Ltd.
Consulting Electrical Engineers

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1. Detail, Section or Elevation Number
2. Sheet Number Where Detailed or Referenced

Revision No.	Date	Description
1	JAN.20/05	ISSUED FOR MECH./ELEC. SCOPE TENDER.
2	FEB.17/05	ISSUED FOR 50% REVIEW
3	APRIL 01/05	ISSUED FOR 50% SIGN-OFF/ CONCRETE TENDER UPDATE
4	APRIL 15/05	ISSUED FOR CONSTRUCTION -EXCAVATION & SHORING
5	APRIL 29/05	ISSUED FOR REVIEW
6	MAY 19/05	ISSUED FOR PARKADE CONSTRUCTION
7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION
10	SEPT. 08/05	ISSUED FOR PARKADE CONSTRUCTION INCLUDING ADDENDUMS

client

TORODE Residential Ltd.



project title

VICTORIA SCHOOL
CONDOMINIUMS

411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

LEVEL P2
POWER & SYSTEMS PLAN

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

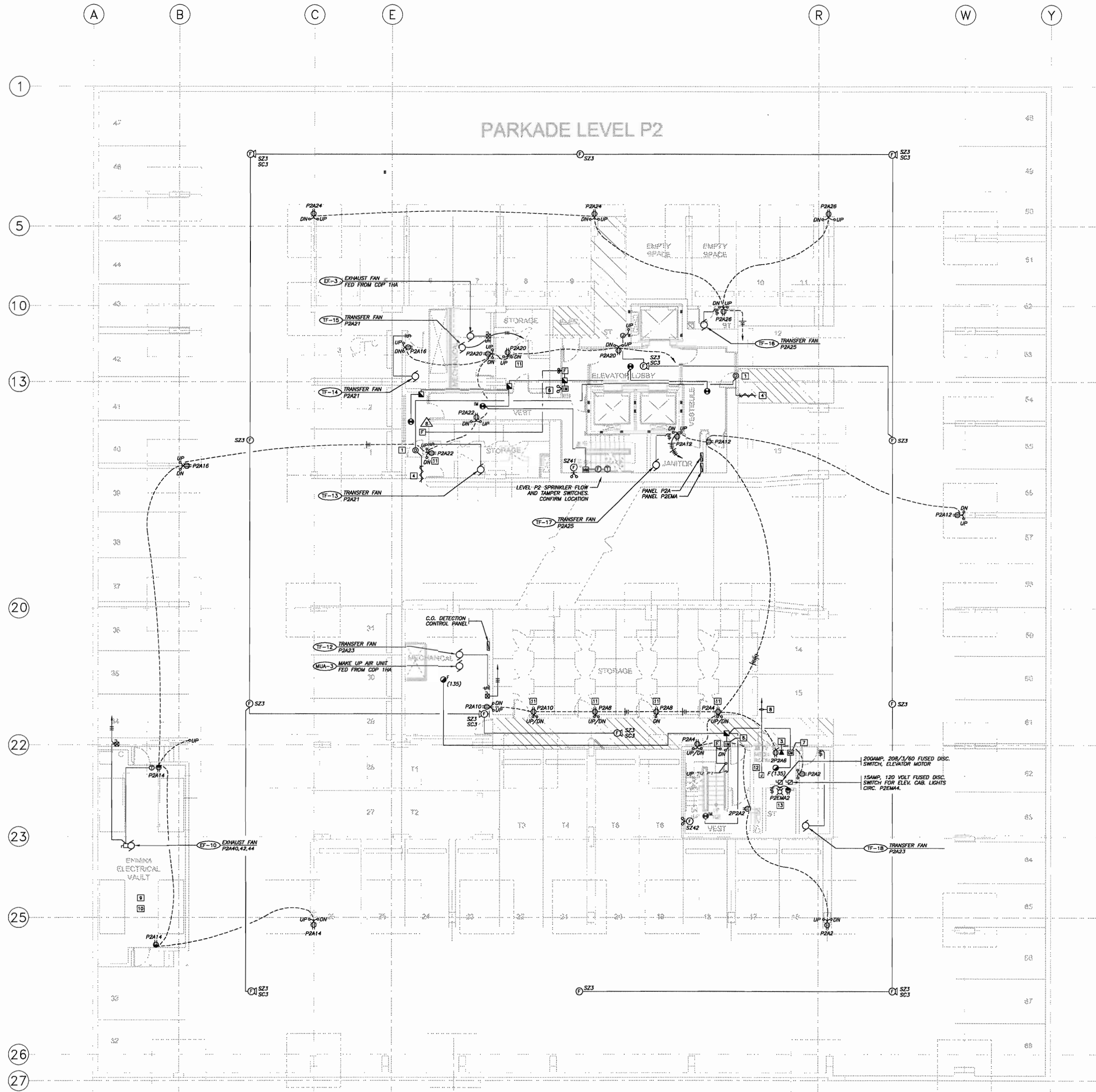
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sheet no:

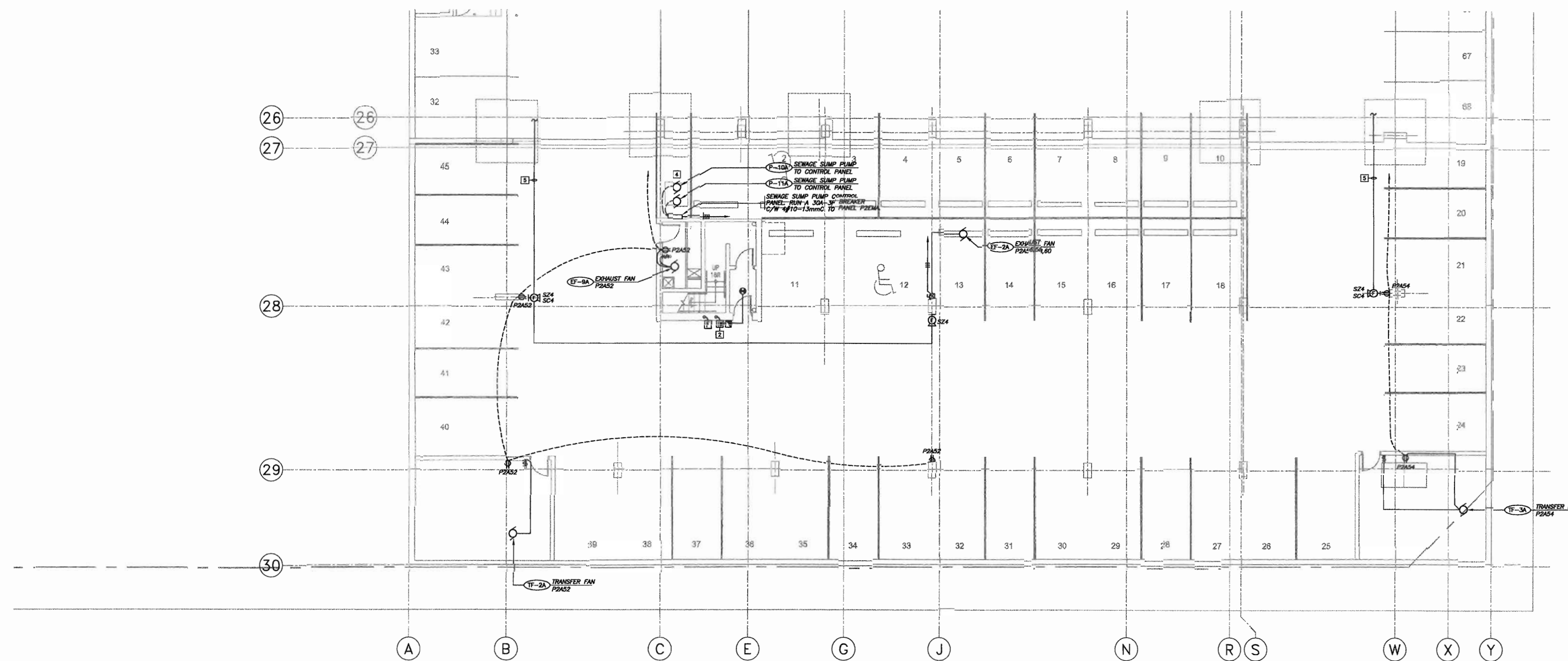


E2.4

SHEET SIZE: 30 x 42



1 LEVEL P2 - POWER & SYSTEMS PLAN
E2.4 SCALE: 1:100



1 LEVEL P2 - POWER & SYSTEMS PLAN
E2.4 SCALE: 1:100

SHEET NOTES:

- 1 LOCATE FIRE ALARM ON COLUMNS, 300mm BELOW COLUMN CAPITALS.
- 2 FIRE ALARM INITIATING LOOP FLOOR ISOLATION MODULE.
- 3 ALL MOTOR STARTERS IN NON SECURED AREAS SHALL BE C/W WIRE OR PLEXIGLAS LOCKABLE COVERS.
- 4 COORDINATE CONNECTIONS AND WORK WITH MECHANICAL CONTRACTOR.
- 5 TIE FIRE ALARM SPEAKER STROBES TO EXISTING LEVEL P2 SPEAKER AND STROBE CIRCUITS.

consultants

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Fax. (403) 270-9356
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STEADY-STATE THERMAL ANALYSIS LTD.
Consulting Engineers



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2. Sheet Number Where Detailed or Referenced

Revision No.	Date:	Description
1	NOV.28/05	ISSUED FOR B.P.
2	FEB.14/06	ISSUED FOR TENDER
3	APRIL 20/06	ISSUED FOR CONSTRUCTION

client

Torode Residential black_med.jpg

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

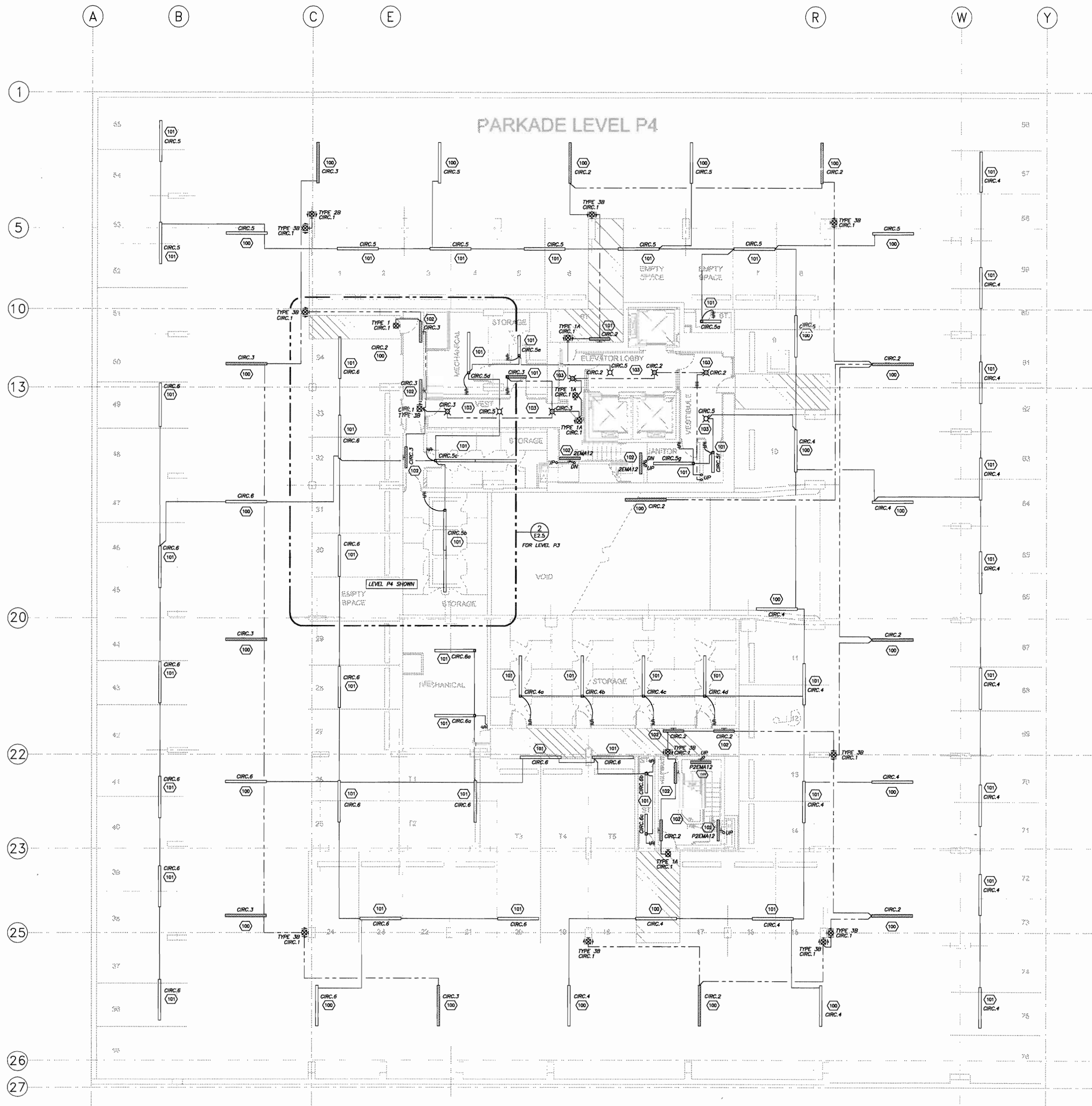
LEVEL P2
POWER & SYSTEMS PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no.

sheet

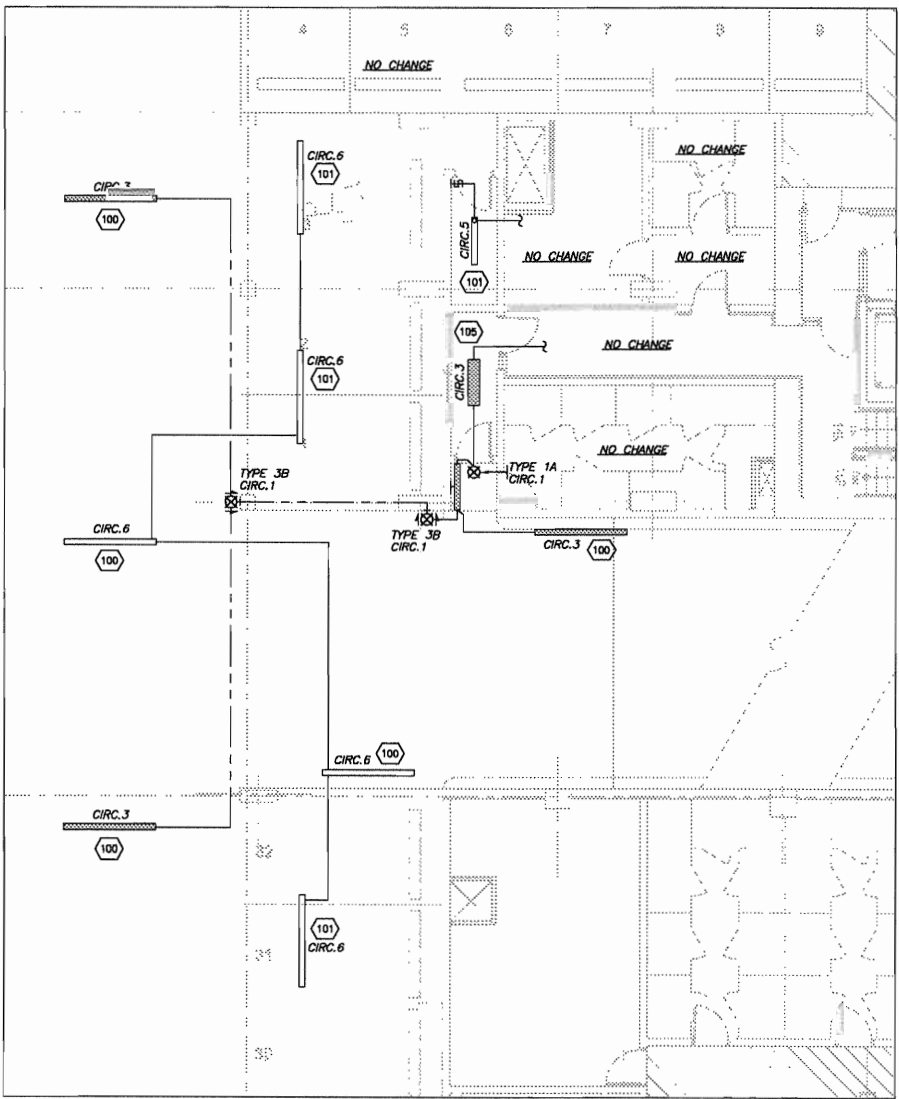




1 LEVEL P3 & P4 - LIGHTING PLAN
E2.5 SCALE: 1:100

CIRCUIT DESIGNATION SCHEDULE				
CIRCUIT DESIGNATION	DESCRIPTION	FLOOR	ACTUAL CIRCUIT	REMARKS
CIRC.1	EXIT LIGHTS	LEVEL P3	P2A14	
		LEVEL P4	P2A14	
CIRC.2	EMERGENCY LIGHTING	LEVEL P3	P2A15	
		LEVEL P4	P2A20	
CIRC.3	EMERGENCY LIGHTING	LEVEL P3	P2A18	
		LEVEL P4	P2A22	
CIRC.4	PARKADE SE LIGHTS	LEVEL P3	P2A27	
		LEVEL P4	P2A37	
CIRC.5	PARKADE NORTH LIGHTS	LEVEL P3	P2A29	
		LEVEL P4	P2A39	
CIRC.6	PARKADE SW LIGHTS	LEVEL P3	P2A31	
		LEVEL P4	P2A41	
CIRC.7		LEVEL P3		
CIRC.8		LEVEL P3		

- SHEET NOTES:
- ALL WALL MOUNTED EXIT LIGHTS SHALL BE MOUNTED AT +2400mm OR 300mm BELOW FINISHED CEILING, WHICHEVER IS LOWER. EXIT LIGHTS MOUNTED ABOVE DOOR FRAME, WHICHEVER IS LOWER. COORDINATE ALL LOCATIONS WITH MECHANICAL CONTRACTOR TO AVOID PIPING FROM INTERFERING WITH LINE OF SIGHT OF EXIT LIGHT.
 - ALL WALL MOUNTED LIGHT FIXTURES SHALL BE MOUNTED AT +2250mm OR 200mm BELOW WHICHEVER IS LOWER, UNLESS OTHERWISE NOTED.



2 PARTIAL LEVEL P3 LIGHTING PLAN
E2.5 SCALE: 1:100



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6	MAY 19/05	ISSUED FOR PARKADE CONSTRUCTION
7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION
10	SEPT. 08/05	ISSUED FOR PARKADE CONSTRUCTION INCLUDING ADDENDUMS

client
TORODE Residential LTD.
anna

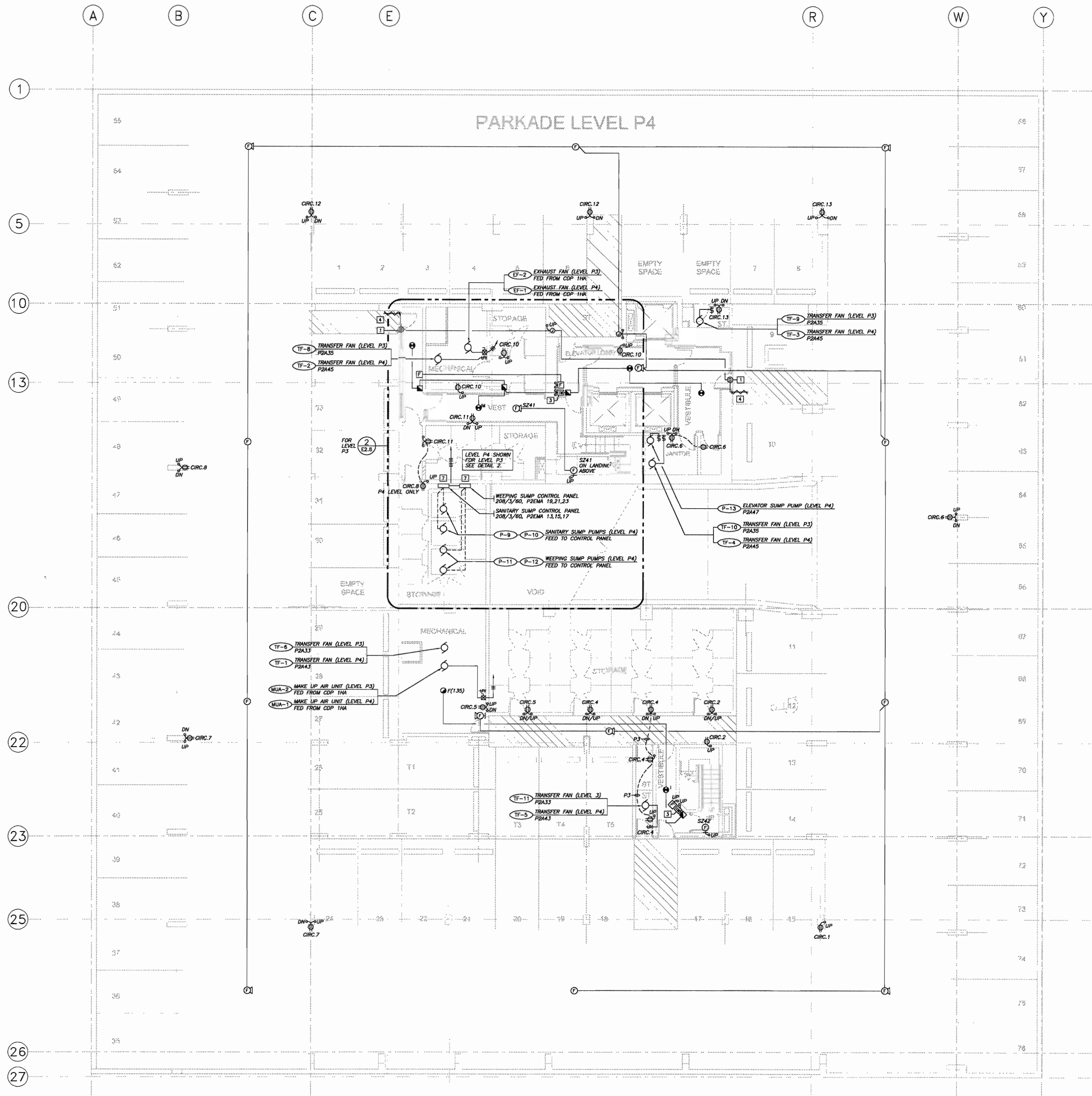
project title
VICTORIA SCHOOL CONDOMINIUMS

411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title
LEVEL P3 & P4 LIGHTING PLAN

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no: sheet no:

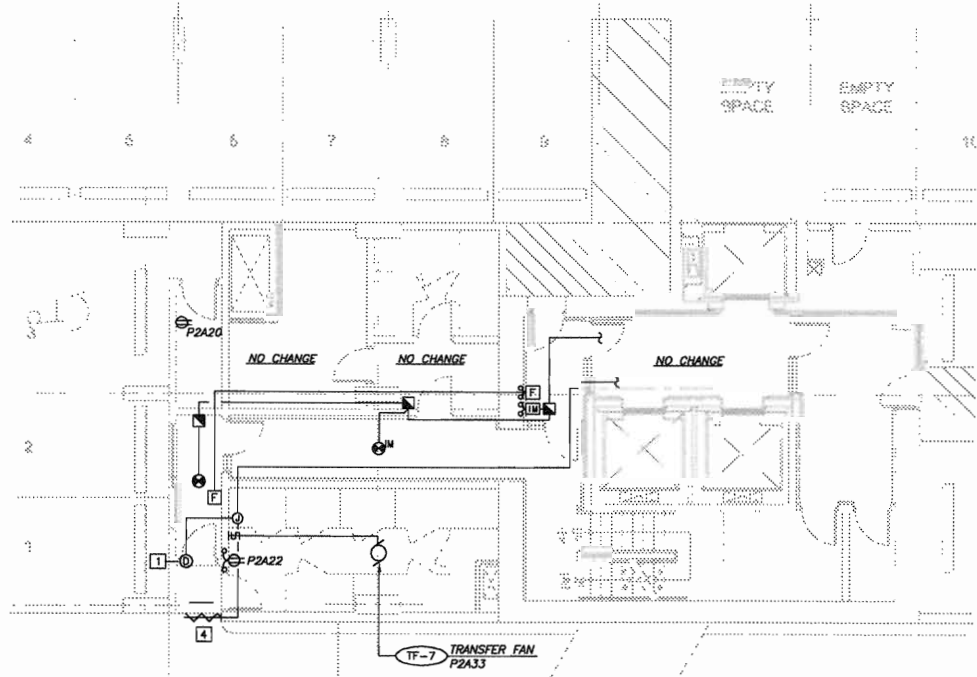


1 LEVEL P3 & P4 - POWER & SYSTEMS PLAN
E2.6 SCALE: 1:100

CIRCUIT DESIGNATION SCHEDULE			
CIRCUIT DESIGNATION	DESCRIPTION	FLOOR	ACTUAL CIRCUIT
CIRC.1	S.E. RECEPTACLES	LEVEL P3	2P2A2
CIRC.2	S.E. RECEPTACLES	LEVEL P4	2P2A2
CIRC.3	S.E. RECEPTACLES	LEVEL P3	2P2A4
CIRC.4	S.E. RECEPTACLES	LEVEL P4	2P2A4
CIRC.5	S.E. RECEPTACLES	LEVEL P3	2P2A6
CIRC.6	S.E. RECEPTACLES	LEVEL P4	2P2A6
CIRC.7	S.E. RECEPTACLES	LEVEL P3	2P2A8
CIRC.8	S.E. RECEPTACLES	LEVEL P4	2P2A8
CIRC.9	S.E. RECEPTACLES	LEVEL P3	2P2A10
CIRC.10	S.E. RECEPTACLES	LEVEL P4	2P2A10
CIRC.11	S.E. RECEPTACLES	LEVEL P3	2P2A12
CIRC.12	S.E. RECEPTACLES	LEVEL P4	2P2A12
CIRC.13	S.E. RECEPTACLES	LEVEL P3	2P2A14
CIRC.14	S.E. RECEPTACLES	LEVEL P4	2P2A14
CIRC.15	S.E. RECEPTACLES	LEVEL P3	2P2A16
CIRC.16	S.E. RECEPTACLES	LEVEL P4	2P2A16
CIRC.17	S.E. RECEPTACLES	LEVEL P3	2P2A18
CIRC.18	S.E. RECEPTACLES	LEVEL P4	2P2A18
CIRC.19	S.E. RECEPTACLES	LEVEL P3	2P2A20
CIRC.20	S.E. RECEPTACLES	LEVEL P4	2P2A20
CIRC.21	S.E. RECEPTACLES	LEVEL P3	2P2A22
CIRC.22	S.E. RECEPTACLES	LEVEL P4	2P2A22
CIRC.23	S.E. RECEPTACLES	LEVEL P3	2P2A24
CIRC.24	S.E. RECEPTACLES	LEVEL P4	2P2A24
CIRC.25	S.E. RECEPTACLES	LEVEL P3	2P2A26
CIRC.26	S.E. RECEPTACLES	LEVEL P4	2P2A26

SHEET NOTES:

- COORDINATE DOOR ENTRY DEVICES WITH DOOR INSTALLER AND SECURITY INSTALLER PRIOR TO ROUGH-IN.
- LOCATE FIRE ALARM WALL MOUNTED SPEAKERS 300mm BELOW CEILING.
- FIRE ALARM INITIATING LOOP FLOOR ISOLATION MODULE.
- CONFIRM EXACT LOCATION OF DOOR ENTRY RF RECEIVER PRIOR TO ROUGH-IN.
- ALL MOTOR STARTERS IN NON SECURED AREAS SHALL BE C/W WIRE OR PLEXIGLAS LOCKABLE COVERS.
- FIRE ALARM SIGNAL CIRCUITS AS FOLLOWS:
LEVEL P3: SZ1, SZ2
LEVEL P4: SZ1, SZ2
- CONFIRM LOCATION OF SUMP CONTROL PANELS WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLATION AND ROUGH-IN.



2 LEVEL P3 PARTIAL POWER/SYSTEMS PLAN
E2.6 SCALE: 1:100

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9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION
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client

TORODE Residential Ltd.
arriva

project title

VICTORIA SCHOOL CONDOMINIUMS

411, 11 AVE. S.E. CALGARY, ALBERTA

drawing title

LEVEL P3 & P4 POWER & SYSTEMS PLAN

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

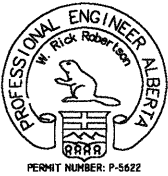
re-issue no:

sheet no:



E2.6

SHEET SIZE: 30 x 42



consultants

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Consulting Electrical Engineers

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9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION

client

TORODE Residential LTD.



project title

**VICTORIA SCHOOL
CONDOMINIUMS**

**411, 11 AVE. S.E.
CALGARY, ALBERTA**

drawing title

**MAIN LEVEL
LIGHTING PLAN**

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no:

sheet no:



E3.1

SHEET SIZE: 30 x 42



consultor

4033, 12901
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Fax. (403) 270-9308



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Consulting Electrical Engineers



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2	FEB 14/06	ISSUED FOR TENDER
3	APRIL 20/06	ISSUED FOR CONSTRUCTION

client

Torode Residential_black_med.jpg

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

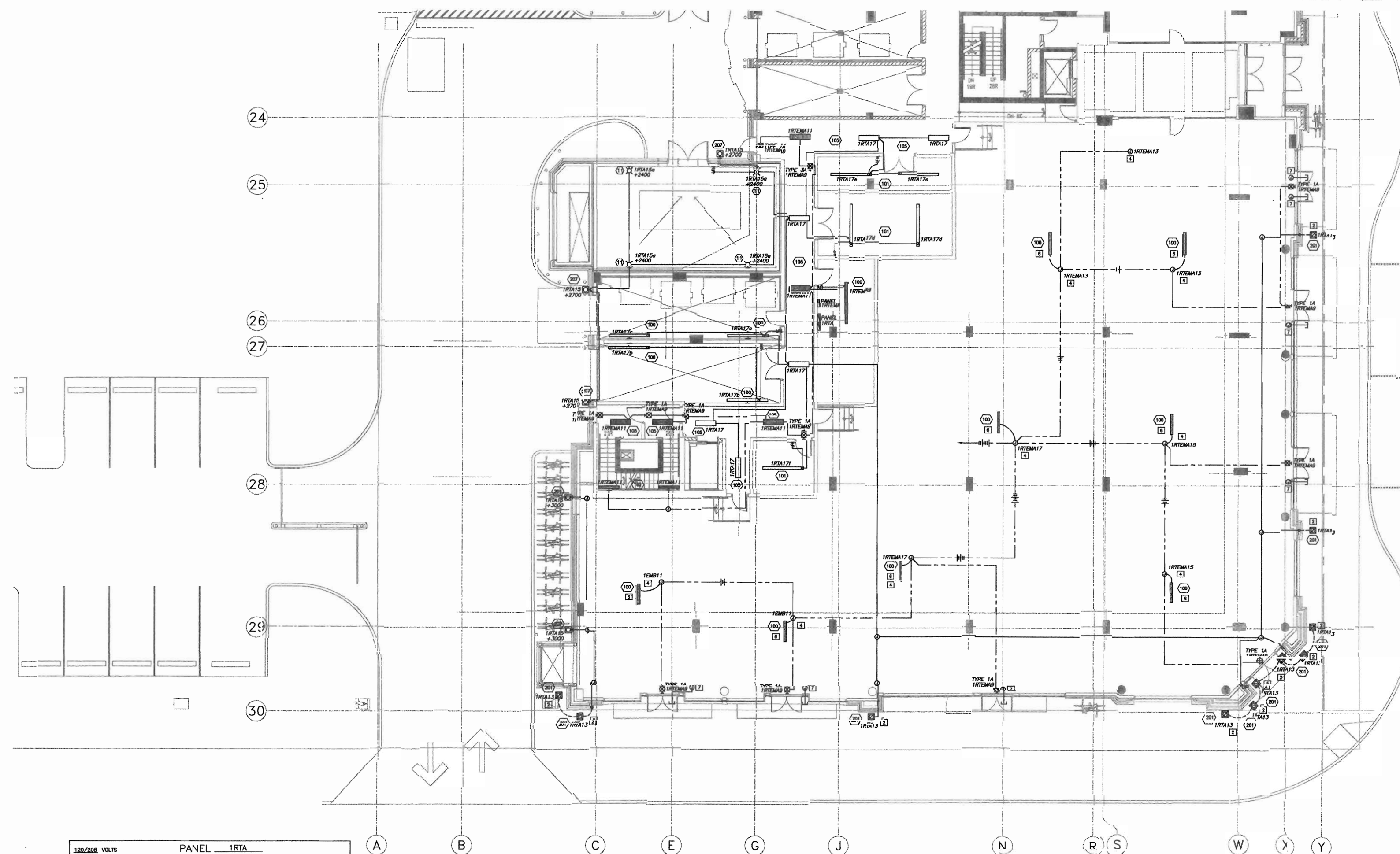
drawing title

MAIN LEVEL
LIGHTING PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.09
activity date: NOV./

10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041

 E3.



1 MAIN LEVEL - LIGHTING PLAN
E3.1 SCALE: 1:100

SHEET NOTES:

- 1) MOUNT WALL MOUNTED OUT LIGHTS AT +2550 A.F.F. OR 300mm BELOW FINISHED CEILING (WHichever is LOWER). DOWN LIGHTS MOUNTED ABOVE DOORS, LOCATE HALF-WAY BETWEEN DOOR FRAME AND CEILING OR 450mm ABOVE DOOR (WHICHEVER IS LOWER).
- 2) CONFIRM CORD LOCATION OF IN GROUND FLOOR LIGHTS WITH DESIGN TEAM AND COORDINATE INSTALLATION WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
- 3) COORDINATE LOCATION OF ALL LIGHT FIXTURES IN FINISHED AREAS WITH ARCHITECT PRIOR TO ROUGH-IN.
- 4) STUB EMERGENCY CIRCUIT FOR FUTURE TENANT EMERGENCY LIGHTING.
- 5) MOUNT TYPE 102 FIXTURES AT +2400mm A.F.F. OR 150mm BELOW FINISHED CEILING (WHICHEVER IS LOWER).
- 6) TEMPORARY LIGHTING FOR RETAIL SPACE, HANG FIXTURES AT +2700 A.F.F. WITH CHAIN.
- 7) STUB OUT 13mm conduit FOR FUTURE SIGN BUNDLE.

120/208 VOLTS		PANEL		1RTA		220		A. BUSSING	
3 PHASE		LOCATION		MAIN FLOOR		SURFACE		A. MOUNTING	
4 WIRE		FEDDER		SEE ONE LINE		4			
OR	BK0	WATTAGE	TORQUE	MIS	REMARKS	REMARKS	MISC	RES	TKBR
		# A B C							
1	20				P1 L1S2	P1 SOUTH PLUGS	6	800	
3	20				P1 L1S3	ELEV. MGR. RM	1		15
5	20				P1 L1S5	ELEV. PIT	1	1	15
9	20				P1 L1S2	00-AJASKA TINA	4	1000	500
9	20				P1 L1S3	00-AJASKA TINA	3		15
11	15				P1 L1S5	00 FLR SW PLUGS	6		15
11	15				P1 L1S2	00 FLR SW PLUGS	6	800	15
15	15				00 FLR SW L1S2	00 FLR SW PLUGS	6	800	15
15	15				00 FLR SW L1S3	00 FLR SW PLUGS	6		15
17	15				00 FLR L1S5				15
19	15				00 FLR L1S2	00 FLR L1S2	1	800	450
21	15				00 FLR L1S3	00 FLR L1S3	1		15
23	15				00 FLR L1S5	00 FLR L1S5	1	450	450
23	15				00 FLR L1S2	00 FLR L1S2	1		15
27	15				00 FLR L1S3	00 FLR L1S3	1	450	450
29	15				00 FLR L1S5	00 FLR L1S5	1		15
33	15				00 FLR L1S2	00 FLR L1S2	1	800	450
33	15				00 FLR L1S3	00 FLR L1S3	1		15
37	15				00 FLR L1S5	00 FLR L1S5	1	500	15
39									
41									
43									
45									
47									
49									
51									
53									
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57									
59									
61									
63									
65									
67									
69									
71									
73									
75									
77									
79									
81									
83	15				800 #	PHONG LOT L1S2			
TOTALS									TOTAL
# A TOTAL=									
# B TOTAL=									
# C TOTAL=									
PANEL TOTAL=									
REMARKS: * DENOTES GFC BREAKER									

12/29/08		VOLTS		PANEL 1RTEMA				24/5		A. BUSHING	
3		PHASE		WIND FLOOR (THISS-1A)				SURFACE		MOUNTING	
WIRE		FEEDER		SEE ONE LINE							
CH	BR	WATTAGE		TURBINES	REMARKS	REMARKS	MS	REC	WATTAGE		BR
1	20	5	5						5	5	
1	20				PI EXT LINS	ELEV. GND LINS					
3	20				PI EM LINS						
5	20				PI EM LINS						
9	20				PI EM LINS						
11	15				RND/END EXT LINS						
11	15			700 10	END FLR EM LINS	MM-3	1			870	20
13	15				END RETAIL EM LINS						
15	15				END RETAIL EM LINS	B-1A				1000	15
17	15				END RETAIL EM LINS	B-2A	1			1000	15
18	15				END RETAIL EM LINS						20
21	15				END RETAIL EM LINS	B-1A				870	20
23	15				END RETAIL EM LINS					870	20
25	15				END RETAIL EM LINS					870	20
27	15				END RETAIL EM LINS	B-2A				870	20
29	15				SHIELDER EM LINS					870	20
31	15				SHIELDER EM LINS						
33	15			5	REMOVE LIG AND FLR	B-3A	1				
35											
37											
39						B-4A	1				
41											
43											
45											
47											
49											
51											
53											
55											
57											
59											
TOTALS										TOTAL	
# A TOTAL = # B TOTAL = # C TOTAL = PANEL TOTAL = REMARKS:											



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6	MAY 19/05	ISSUED FOR PARKADE CONSTRUCTION
7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION
10	SEPT. 08/05	ISSUED FOR PARKADE CONSTRUCTION INCLUDING ADDENDUMS

client
TORODE Residential LTD.
arriva

project title
VICTORIA SCHOOL CONDOMINIUMS

411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title
MAIN LEVEL SYSTEMS PLAN

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no: sheet no:

- SHEET NOTES:**
- COORDINATE ALL DOOR ENTRY SYSTEM CONDUIT WITH DOOR HARDWARE INSTALLER AND SUPPLIER PRIOR TO ROUGH IN.
 - RUN A 32mm CONDUIT TO RESIDENT DOOR ENTRY COM CONTROLLER IN MANAGERS OFFICE ON 2ND FLOOR.
 - DOOR RELEASE BUTTON FOR MAIN ENTRY DOOR.
 - PROVIDE CONDUIT AND WIRE BETWEEN SECURITY MAGNET LOCKS ON DOORS AND PANIC BARS. CO-ORDINATE ALL WORK WITH DOOR HARDWARE INSTALLER.
 - CONFIRM EXACT LOCATION OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR PRIOR TO ROUGH-IN.

1 MAIN LEVEL - SYSTEMS PLAN
E3.3 SCALE: 1:100



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9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION

client

TORODE Residential LTD.



project title

VICTORIA SCHOOL
CONDOMINIUMS

411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

MAIN LEVEL
POWER PLAN

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

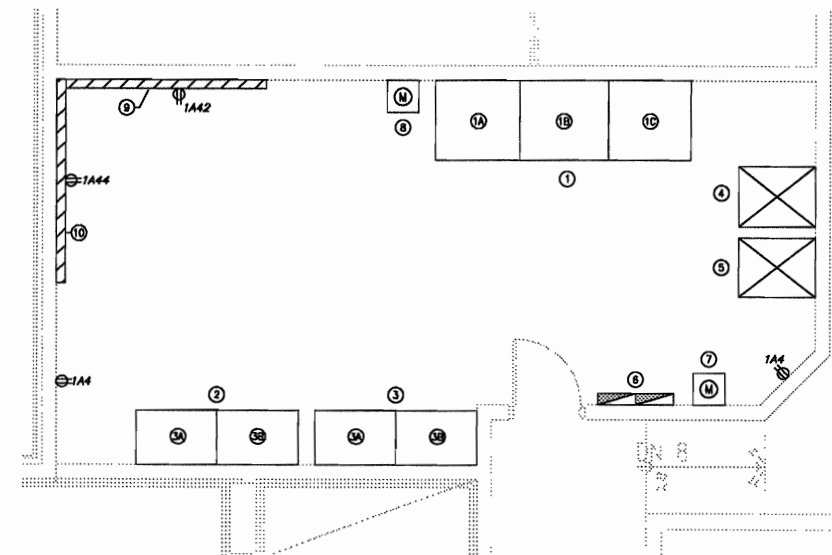
re-issue no:

sheet no:



E3.2

SHEET SIZE: 30 x 42

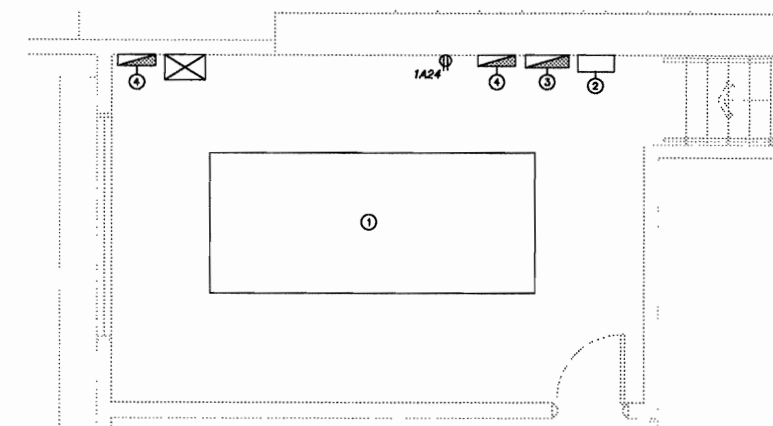


EQUIPMENT SCHEDULE

- BUILDING HOUSE MAIN ELECTRICAL DISTRIBUTION BOARD (HMEB).
- MAIN BREAKER & C/T SECTION (3000 AMP, 100% RATED 120/208V BREAKER).
- CDP SECTION, 11A, 3000 AMPS, 120/208V, 3PH, 4W.
- RETAIL TENANTS MAIN ELECTRICAL DISTRIBUTION BOARD (TMEB).
- MAIN BREAKER SECTION (800 AMP, 100% RATED, 120/208V BREAKER).
- CDP/METER SECTION (800 AMP, 120/208V, 3PH, 4W).
- RESIDENTIAL TOWER MAIN ELECTRICAL DISTRIBUTION BOARD (RMEB).
- MAIN BREAKER SECTION (1200 AMP, 120/208V, 3PH, 4W).
- CDP SECTION (1200 AMPS, 120/208V, 3PH, 4W).
- CHILLER CH-1 1100 KVA, 208/200V STEP UP TRANSFORMER.
- CHILLER CH-2 1100 KVA, 208/200V STEP UP TRANSFORMER.
- PANEL 1A, 120/208V, 3PH, 4W.
- PANEL 1A, ENMAX METER SOCKET.
- HMEB, ENMAX METER SOCKET.
- MAIN TELEPHONE BOARD (MTB), 2400 x 2400 x 19mm FIRE RETARDED PLYWOOD C/W #6 GROUND TO BLDG. GRD.
- MAIN TELEVISION BOARD (MTVB), 2400 x 2400 x 19mm FIRE RETARDED PLYWOOD C/W #6 GROUND TO BLDG. GRD.

2 MAIN ELECTRICAL ROOM PLAN

E3.2 SCALE: 1:50

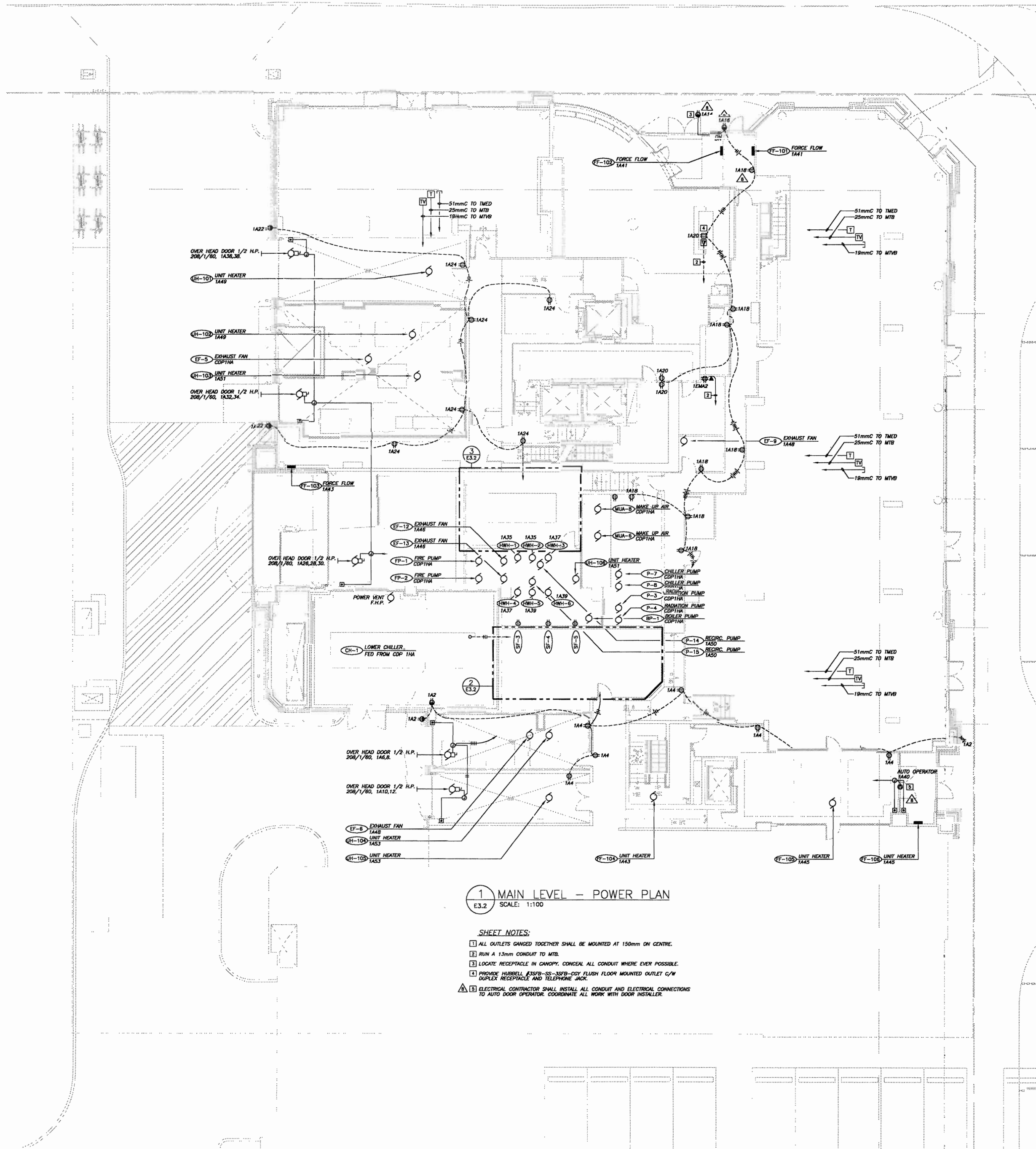


EQUIPMENT SCHEDULE

- 350KVA, 120/208V, 3PH, 4W EMERGENCY GENERATOR
- 800 AMP, 120/208V, 3PH, 4W AUTOMATIC TRANSFER SWITCH
- EMERGENCY CDP-1EMPA, 120/208V, 3PH, 4W
- EMERGENCY PANEL, 1EMA, 120/208V, 3PH, 4W

3 GENERATOR RM. ELECTRICAL PLAN

E3.2 SCALE: 1:50

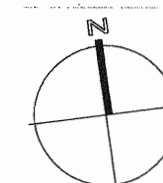


1 MAIN LEVEL - POWER PLAN

E3.2 SCALE: 1:100

SHEET NOTES:

- ALL OUTLETS GANGED TOGETHER SHALL BE MOUNTED AT 150mm ON CENTRE.
 - RUN A 13mm CONDUIT TO MTB.
 - LOCATE RECEPTACLE IN CANOPY, CONCEAL ALL CONDUIT WHERE EVER POSSIBLE.
 - PROVIDE HUBBELL 355B-SS-355B-DOY FLUSH FLOOR MOUNTED OUTLET C/W DUPLEX RECEPTACLE AND TELEPHONE JACK.
- ⚠ ELECTRICAL CONTRACTOR SHALL INSTALL ALL CONDUIT AND ELECTRICAL CONNECTIONS TO AUTO DOOR OPERATOR. COORDINATE ALL WORK WITH DOOR INSTALLER.



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1 NOV/28/05 ISSUED FOR B.P.
2 FEB/14/06 ISSUED FOR TENDER
3 APRIL 20/06 ISSUED FOR CONSTRUCTION

client

Toronto Residential black_mad.jpg

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

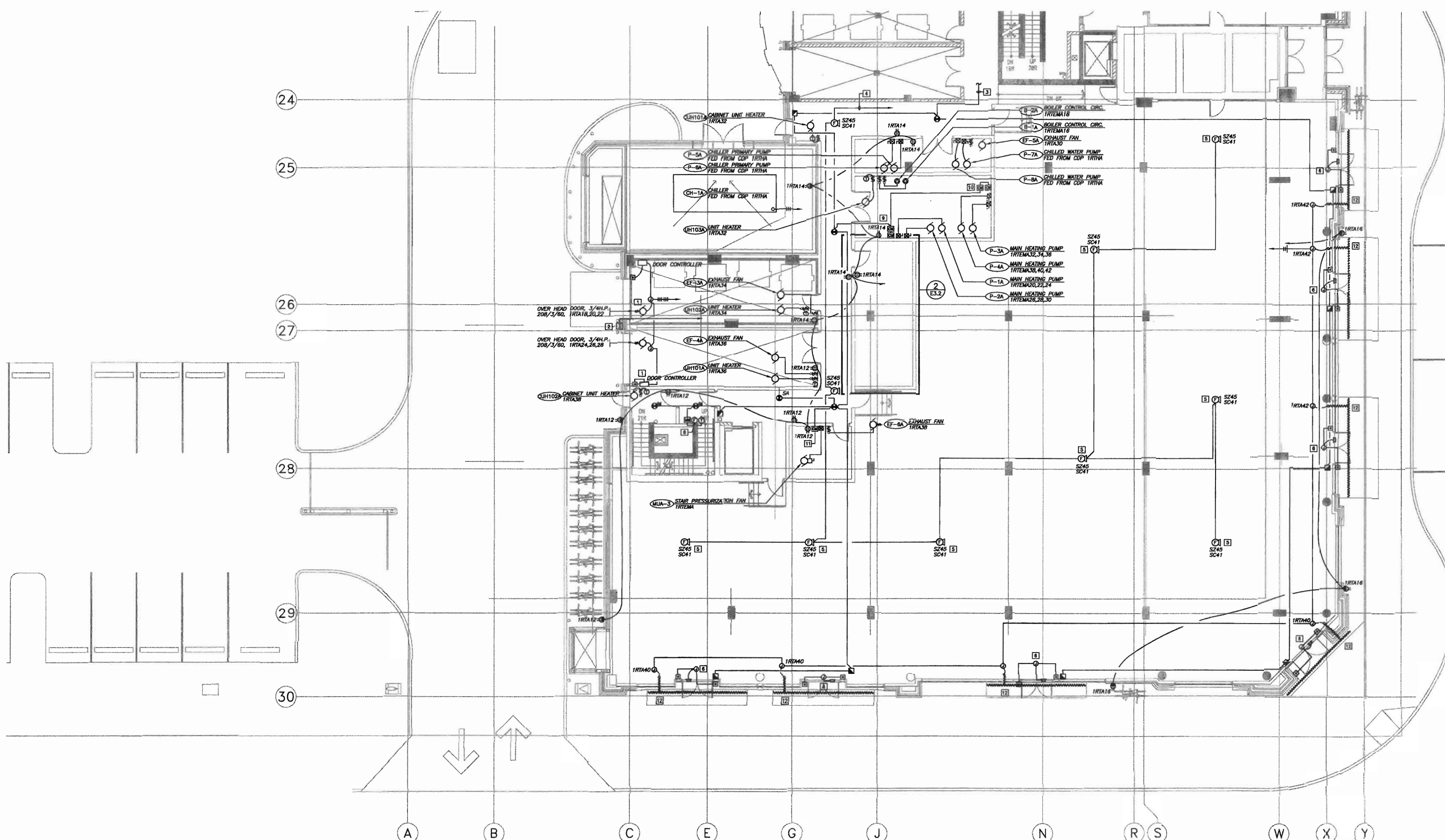
439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

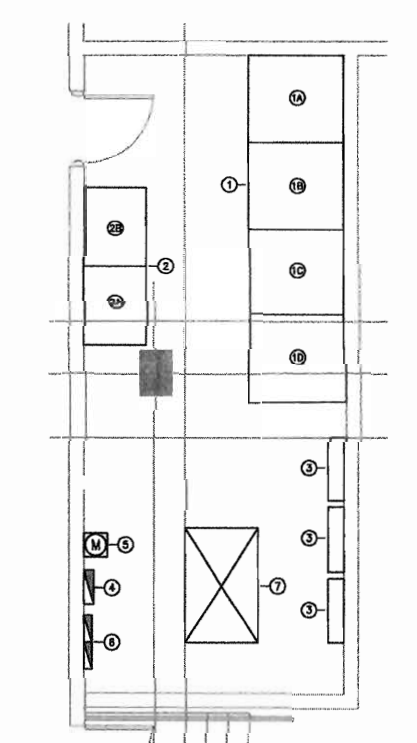
MAIN LEVEL
POWER & SYSTEMS PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no: sheet no:
E3.2



1 MAIN LEVEL - POWER & SYSTEMS PLAN
SCALE: 1:100

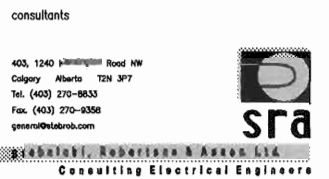


2 ELECTRICAL ROOM PLAN
SCALE: 1:50

- EQUIPMENT SCHEDULE:
- 1 RETAIL DISTRIBUTION CENTRE (1RTDC)
120/208V, 3PH, 4W, 4000 AMPS, 4 SECTIONS - PCH 043
 - 2 WIREWAY
 - 3 RETAIL BREAKER SECTION
 - 4 BUSING SUBCOMPARTMENT SECTION
 - 5 CDP 1RTDC 2000 AMP BREAKER AND C/T SECTION
 - 6 RETAIL HOUSE LOAD SUB DISTRIBUTION (CDP 1RTDC) 120/208V, 3PH, 4W, 2000 AMPS
 - 7 WIREWAY AND DISTRIBUTION SECTION
 - 8 DISTRIBUTION SECTION
 - 9 FUTURE C/T CABINETS AND UTILITY METERS
 - 10 PANEL 1RTDC 120/208V, 3PH, 4W, 225 AMPS
 - 11 PANEL 1RTDC CHECK METER
 - 12 PANEL 1RTDC 120/208V, 3PH, 4W, 225 AMPS
 - 13 450 KVA, 208/120 VOLT STEP UP TRANSFORMER FOR CH-1A, CEILING MOUNTED

SHEET NOTES:

- CONFIRM OVERHEAD DOOR ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.
- DOOR INTERCOM STATION C/W 1.5mm CONDUIT TO TELEPHONE BOARD 1RT-1B C/W CABLEING.
- THE FIRE ALARM DEVICES INTO EXISTING FLOOR ADDRESS LOOP.
- RUN NEW FIRE ALARM SPEAKER AND STROBE CIRCUITS BACK TO EXISTING FIRE ALARM PANEL.
- TEMPORARILY SUSPEND FIRE ALARM SPEAKER STROBES FROM STRUCTURAL SLAB C/W 4 METERS OF FLEX.
- RUN 1.5mm CONDUIT FROM CEILING JUNCTION BOX TO EACH OF TWO HANDICAP DOOR OPERATORS AND INTO DOOR FRAME FOR FUTURE MOTORIZED DOORS. COORDINATE ALL WORK WITH DOOR INSTALLER.
- DISTRIBUTION CENTRE MUST BE CSA RATED FOR SUB-METERED DISTRIBUTION.
- CONFIRM EXACT LOCATION OF SPRINKLER FLOW AND TAMPER SWITCH SPRINKLER CONTRACTOR PRIOR TO ROUGH IN.
- FIRE ALARM CONTROL MODULES TO SHUT DOWN PUMPS P-1A & P-2A UPON FIRE PUMP START UP.
- FIRE ALARM CONTROL MODULES TO SHUT DOWN PUMPS P-3A & P-4A UPON FIRE PUMP START UP.
- FIRE ALARM CONTROL MODULE TO SHUT DOWN MUA-3 UPON ACTIVATION OF DUCT DETECTOR OR FROM PACP.
- HEAT TRACE CANYON CUTTER AND DRAIN LINE TO 900mm INSIDE HEATED SPACE. SEE SPECIFICATION FOR TYPE AND ACCESSORIES.



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- | | |
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7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION

Client
TORODE Residential LTD.
arriva

project title
VICTORIA SCHOOL CONDOMINIUMS

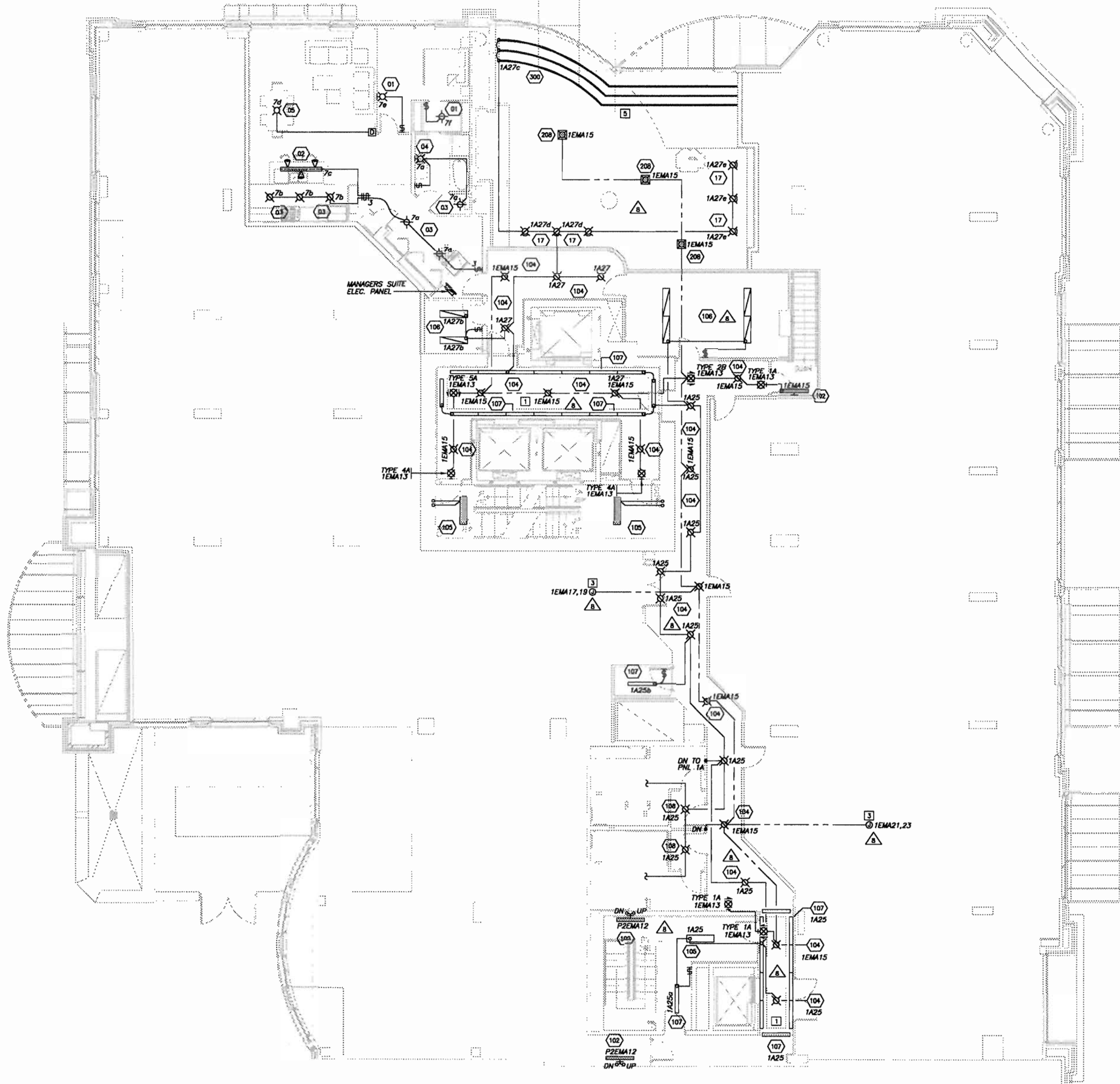
411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

**2ND LEVEL
LIGHTING PLAN**

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no: sheet no:
9 E4.1
SHEET SIZE: 30 x 42
PLOT SCALE: 1:1





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3 APRIL 20/06 ISSUED FOR CONSTRUCTION

Client

Torode Residential black_med.jpg

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

2ND LEVEL
LIGHTING PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

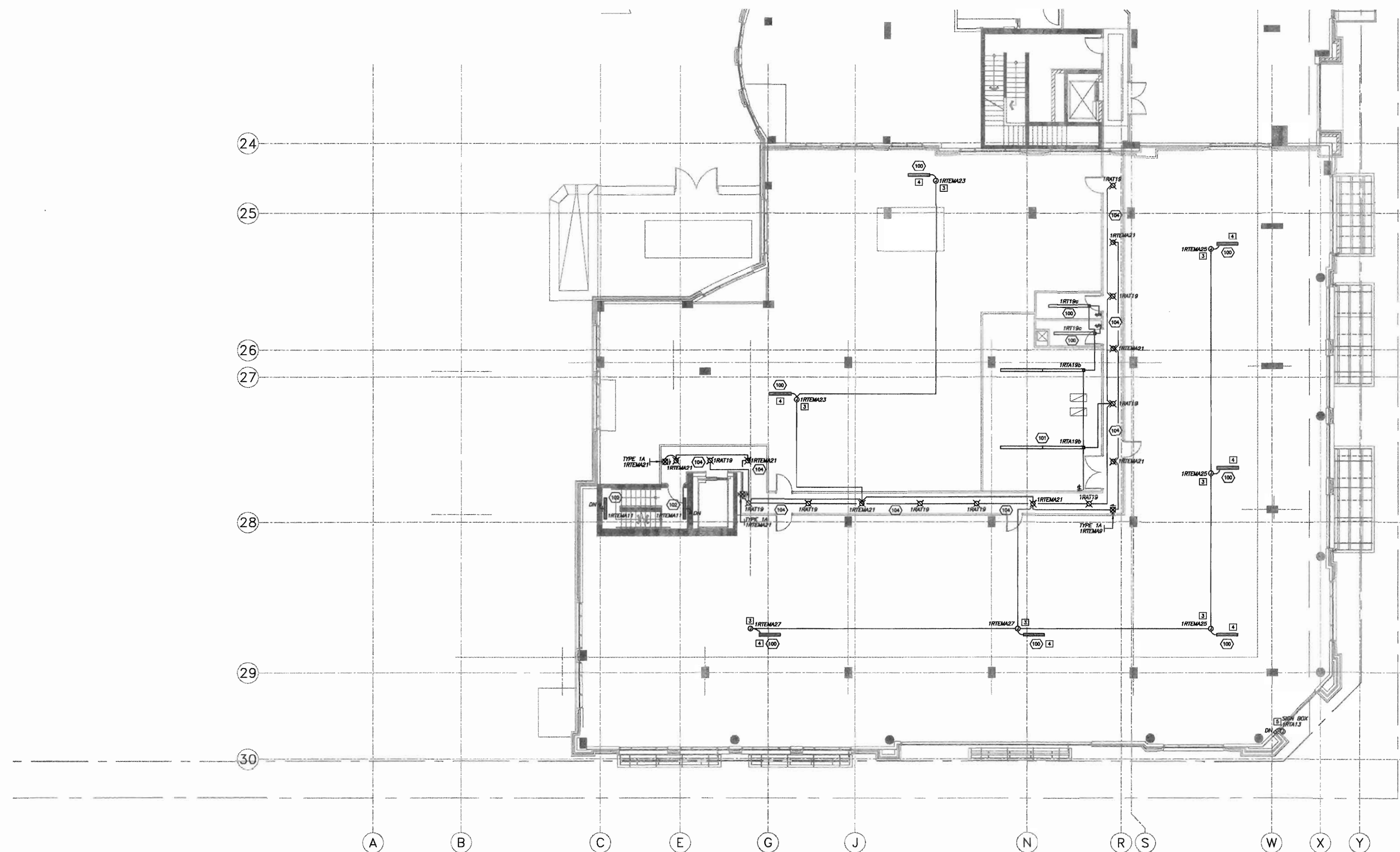
re-issue no:

sheet no:



E4.1

SHEET SIZE: 30 x 42



1 2ND LEVEL - LIGHTING PLAN
E4.1 SCALE: 1:100

SHEET NOTES:

1. MOUNT WALL MOUNTED DOT LIGHTS AT +2550 A.F.F. OR 300mm BELOW FINISHED CEILING WHICHEVER IS LOWER. FOR DEVICES MOUNTED ABOVE DOORS, LOCATE HALFWAY BETWEEN DOOR FRAME AND CEILING OR 450mm ABOVE DOOR FRAME WHICHEVER IS LOWER.
2. MOUNT TYPE 102 FIXTURES AT +2400mm A.F.F. OR 150mm BELOW FINISHED CEILING, WHICHEVER IS LOWER.
3. STUB EMERGENCY CIRCUIT FOR FUTURE TENANT EMERGENCY LIGHTING.
4. TEMPORARY LIGHTING FOR RETAIL SPACE, HANG FIXTURE TO +2700 A.F.F. WITH CHAIN.
5. PROVIDE ELECTRICAL CONNECTION TO SIGN BOX C/W 2-4 FT., 1 LAMP FIXTURE C/W COLD WEATHER BALLAST.



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client

TORODE Residential LTD.



project title

**VICTORIA SCHOOL
CONDOMINIUMS**

**411, 11 AVE. S.E.
CALGARY, ALBERTA**

drawing title

**2ND LEVEL
POWER & SYSTEMS PLAN**

scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

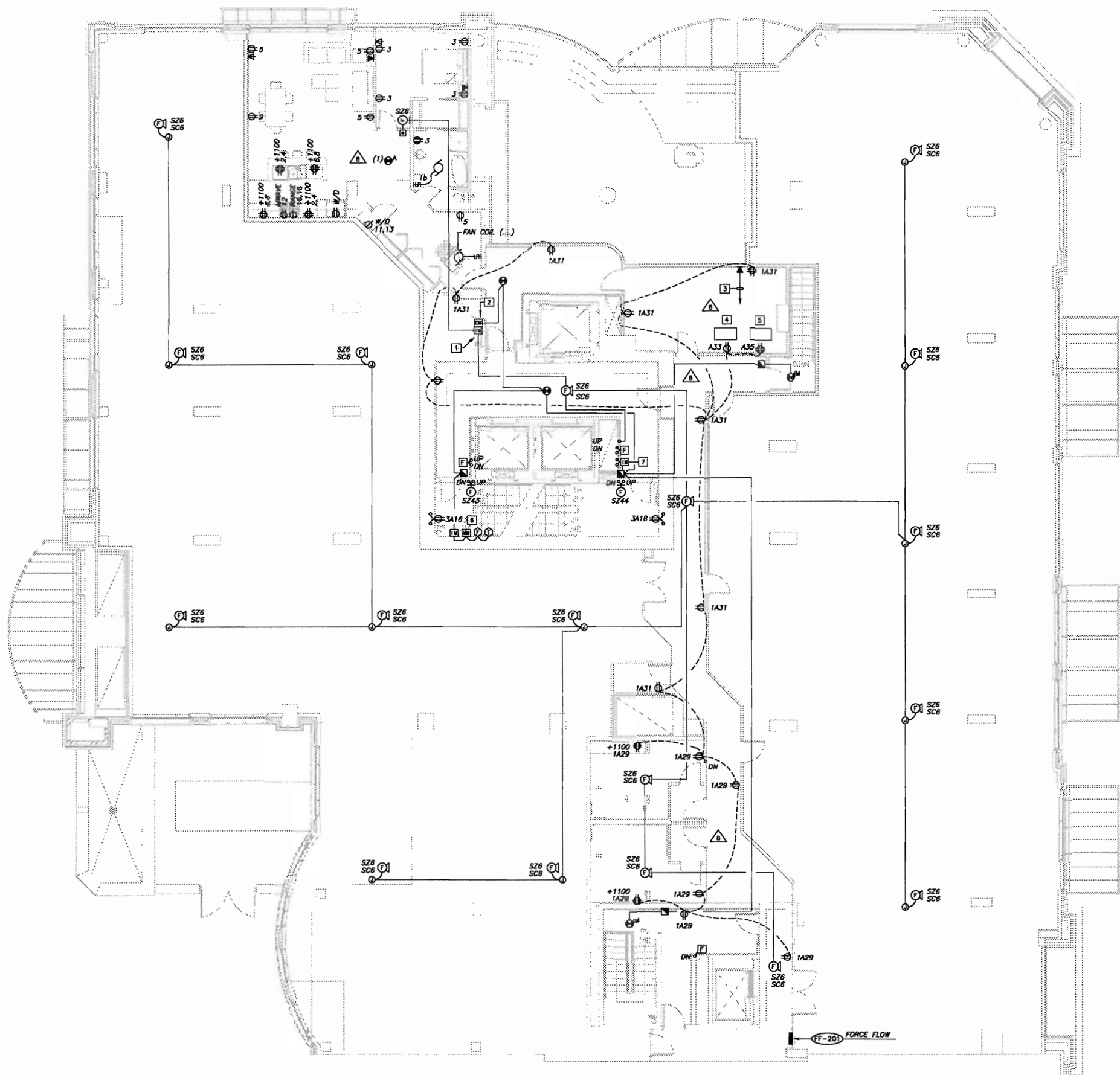
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sheet no:



E4.2

SHEET SIZE: 30 x 42

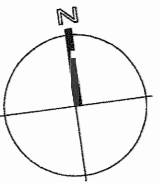


1 2ND LEVEL - POWER & SYSTEMS PLAN
E4.2 SCALE: 1:100

SHEET NOTES:

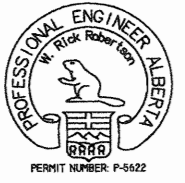
- SUITE FIRE ALARM SPEAKER ISOLATION MODULE.
- SUITE FIRE ALARM SPEAKER OVERRIDE CONTROL MODULE MODULE WILL OVERRIDE THE 10 MINUTE SPEAKER SILENCE WHEN ACTIVATED. SEE SPECIFICATIONS.
- 1.3mm CONDUIT TO 3TB ON 3RD FLOOR.
- MAIN RESIDENT DOOR ENTRY CONTROLLER. SEE SPECIFICATIONS.
- MAIN CCTV SYSTEM HEAD END, MONITOR & VCR. SEE SPECIFICATIONS.
- CONFIRM LOCATION OF FLOOR SPRINKLER FLOW AND TAMPER SWITCH WITH SPRINKLER CONTRACTOR PRIOR TO ROUGH-IN.
- FLOOR ADDRESS LOOP ISOLATION MODULE.

120/208 VOLTS									
PANEL SUITE PANEL									
LOCATION: SUITE SUITE									
FEDER: SEE ONE LINE									
100. A. BUSING									
RECESSED, MTO									
CIR	WATTAGE	TOPOREC	MIS	REMARKS	REMARKS	MISRECU	WATTAGE	SH	CIR
1	13	A	B				1000	13	2
3	15			BEDROOM PLUGS	KITCHEN COUNTER	1	1000	15	4
5	15			SUITE PLUGS	KITCHEN COUNTER	1	1000	15	6
7	15			SUITE USE			1000	15	9
9	15			DINING PLUG	FRIDGE		750	15	10
11	30			WASHER DRYER	WASHER DRYER		1000	15	12
13					DISHWASHER		750	15	14
15					RANGE		3000	40	16
17									18
19									20
21									22
23									24
TOTALS									
# A TOTAL=									
# B TOTAL=									
PANEL TOTAL=									
REMARKS: * DENOTES ARC FAULT BREAKER									



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3	APRIL 20/06	ISSUED FOR CONSTRUCTION

client
Torade Residential black_med.jpg

project title
VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

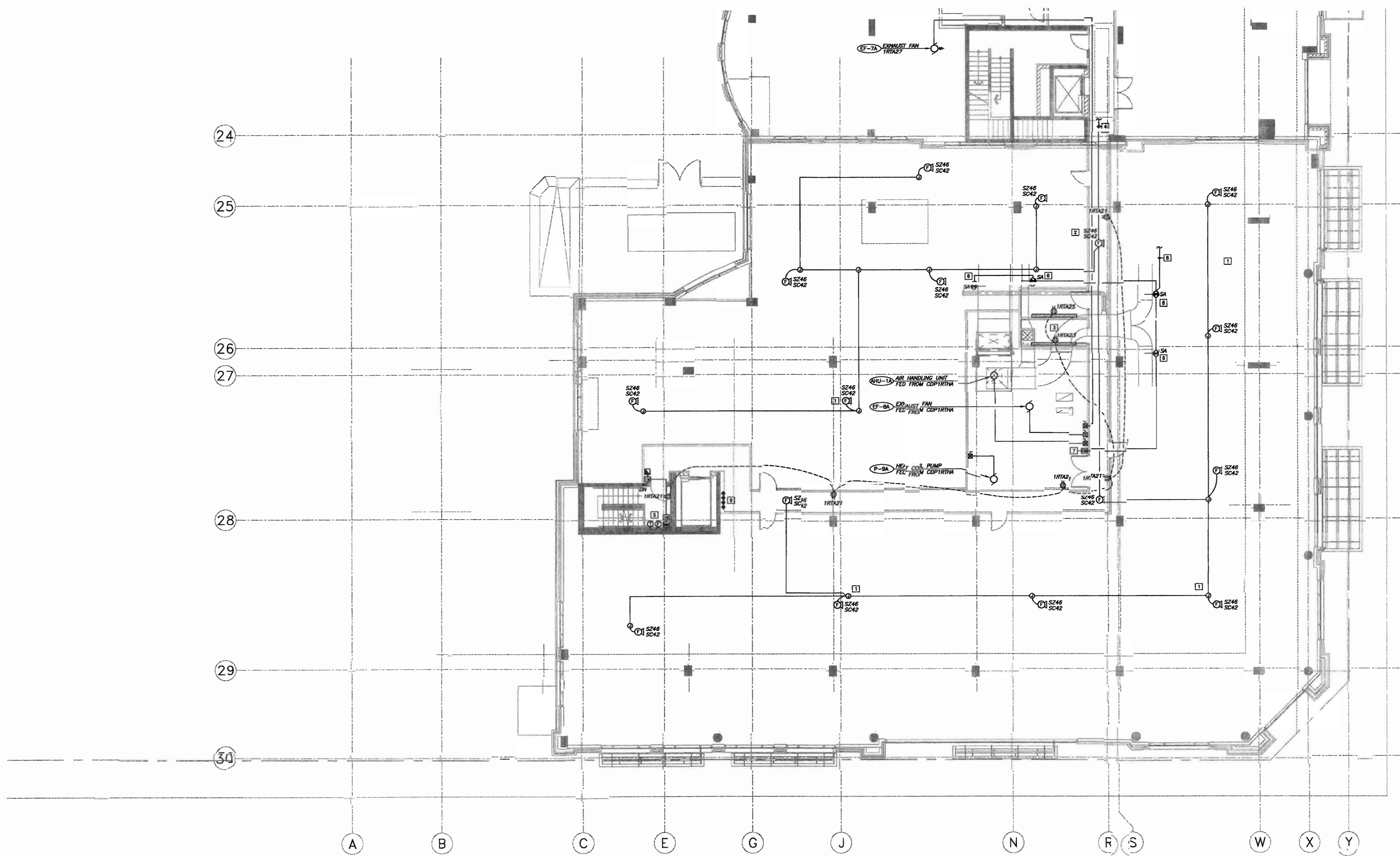
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CALGARY, ALBERTA

drawing title

2ND LEVEL
POWER & SYSTEMS PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no: sheet no: 4.2



1 2ND LEVEL - POWER & SYSTEMS PLAN
E4.2 SCALE: 1:100

- SHEET NOTES:**
1. PROVIDE 5 METERS FLEX FOR EACH FIRE ALARM SPEAKER, IN FUTURE TENANT AREAS AND TEMPORARILY TIE SPEAKER TO BUILDING STRUCTURE.
 2. PROVIDE A 1200x2400x19mm PLYWOOD TELEPHONE BACKBOARD C/W #6 GROUND TO BUILDING GROUND AND 100mm CONDUIT TO MAIN TELEPHONE BOARD.
 3. PROVIDE A 1200x2400x19mm PLYWOOD TELEVISION BACKBOARD C/W #6 GROUND TO BUILDING GROUND AND 51mm CONDUIT TO MAIN TELEVISION BOARD.
 4. THE CONDUIT RUN TO EXISTING BUILDING SPEAKER/STROBES. RUN NEW SPEAKER AND STROBE CIRCUITS TO AREA FROM FIRE ALARM PANEL.
 5. CONFIRM EXACT LOCATION OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR PRIOR TO ROUGH-IN.
 6. CONFIRM LOCATION OF SUPPLY AIR DUCT DETECTORS PRIOR TO INSTALLATION. DETECTORS TO SHUT DOWN AHU-1A UPON ACTIVATION.
 7. FIRE ALARM CONTROL MODULE TO SHUT DOWN AHU-1A.
 8. THE FIRE ALARM DEVICES INTO EXISTING 2ND FLOOR ADDRESS LOOP.
 9. SLEEVE TWO 100mm, ONE 51mm AND ONE 25mm CONDUITS THROUGH FLOOR FOR FUTURE 3RD FLOOR ELECTRICAL SERVICES.



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Revision No.	Date:	Description
1	NOV. 20/05	ISSUED FOR B.P.
2	FEB. 14/06	ISSUED FOR TENDER
3	APRIL 20/06	ISSUED FOR CONTRACT

client

Torode Residential_black_med.jpg

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing fit

3RD LEVEL
LIGHTING PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

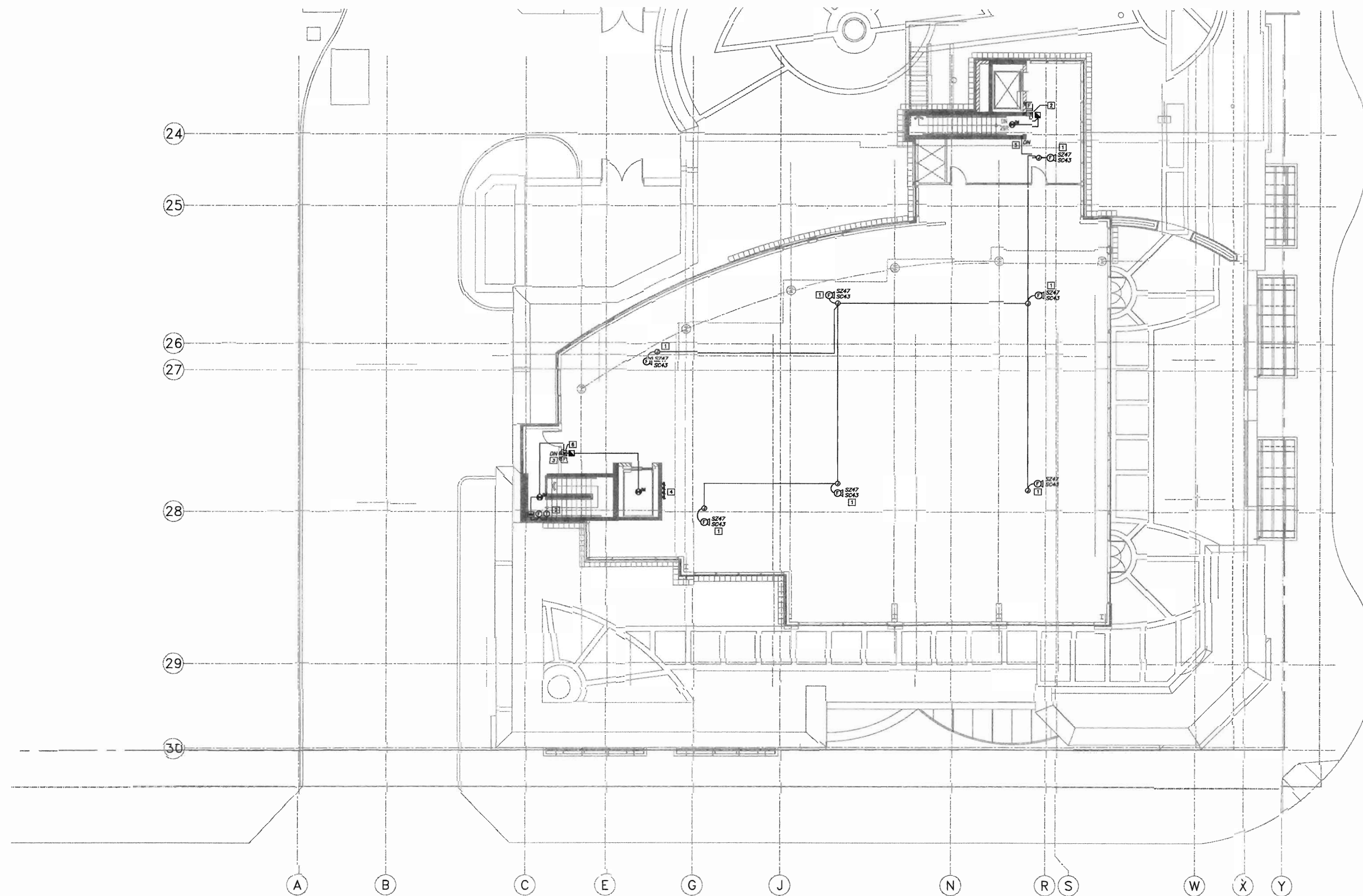
re-issue no: sheet no:



F5.1

SHEET SIZE: 30 x

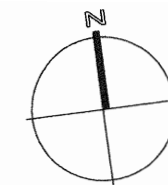
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1 3RD LEVEL - POWER & SYSTEMS PLAN
E5.2
SCALE: 1:100

SHEET NOTES:

- [1] PROVIDE 5 METERS FLEX FOR EACH FIRE ALARM SPEAKER, IN FUTURE TENANT AREAS AND TEMPORARILY TIE SPEAKER TO BUILDING STRUCTURE.
- [2] CONFIRM EXACT LOCATION OF SPRINKLER FLOW AND TAMPER SWITCHES WITH SPRINKLER CONTRACTOR PRIOR TO ROUGH-IN.
- [3] TIE FIRE ALARM DEVICES INTO EXISTING 2ND FLOOR ADDRESS LOOP.
- [4] SLEEVE TWO 100mm ONE 51mm AND ONE 25mm CONDUITS THROUGH FLOOR FOR FUTURE 3RD FLOOR ELECTRICAL SERVICES.
- [5] PROVIDE NEW SPEAKER AND STROBE ZONES FOR 3RD FLOOR AND CONNECT TO MAIN FIRE ALARM PANEL.
- [6] FIRE ALARM ADDRESS LOOP ISOLATION MODULE. TIE DEVICES INTO 2ND FLOOR ADDRESS LOOP.



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Electrical, Mechanical, Plumbing, Fire Protection
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- 1 Detail Section or Elevation Number
- 2 Sheet Number Where Detailed or Referenced

Revision No.	Date	Description
1	NOV.28/05	ISSUED FOR B.P.
2	FEB.14/06	ISSUED FOR TENDER
3	APRIL 20/06	ISSUED FOR CONSTRUCTION

client

Torode Residential black_med.jpg

project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1A

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

3RD LEVEL
POWER & SYSTEMS PLAN

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./05

re-issue no: 3
sheet no: E5.2



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1. Detail, Section or Elevation Number
2. Sheet Number Where Detailed or Referenced

Revision No.	Date	Description
1	JAN.20/05	ISSUED FOR MECH./ELEC. SCOPE TENDER.
2	FEB.17/05	ISSUED FOR 50% REVIEW
3	APRIL 01/05	ISSUED FOR 50% SIGN-OFF - CONCRETE TENDER UPDATE.
4	APRIL 15/05	ISSUED FOR CONSTRUCTION - EXCAVATION & SHORING
5	APRIL 29/05	ISSUED FOR REVIEW
6	MAY 19/05	ISSUED FOR PARKADE CONSTRUCTION
7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION

client

TORODE Residential LTD.



project title

VICTORIA SCHOOL
CONDOMINIUMS

411, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

FIRE ALARM
RISER DIAGRAM

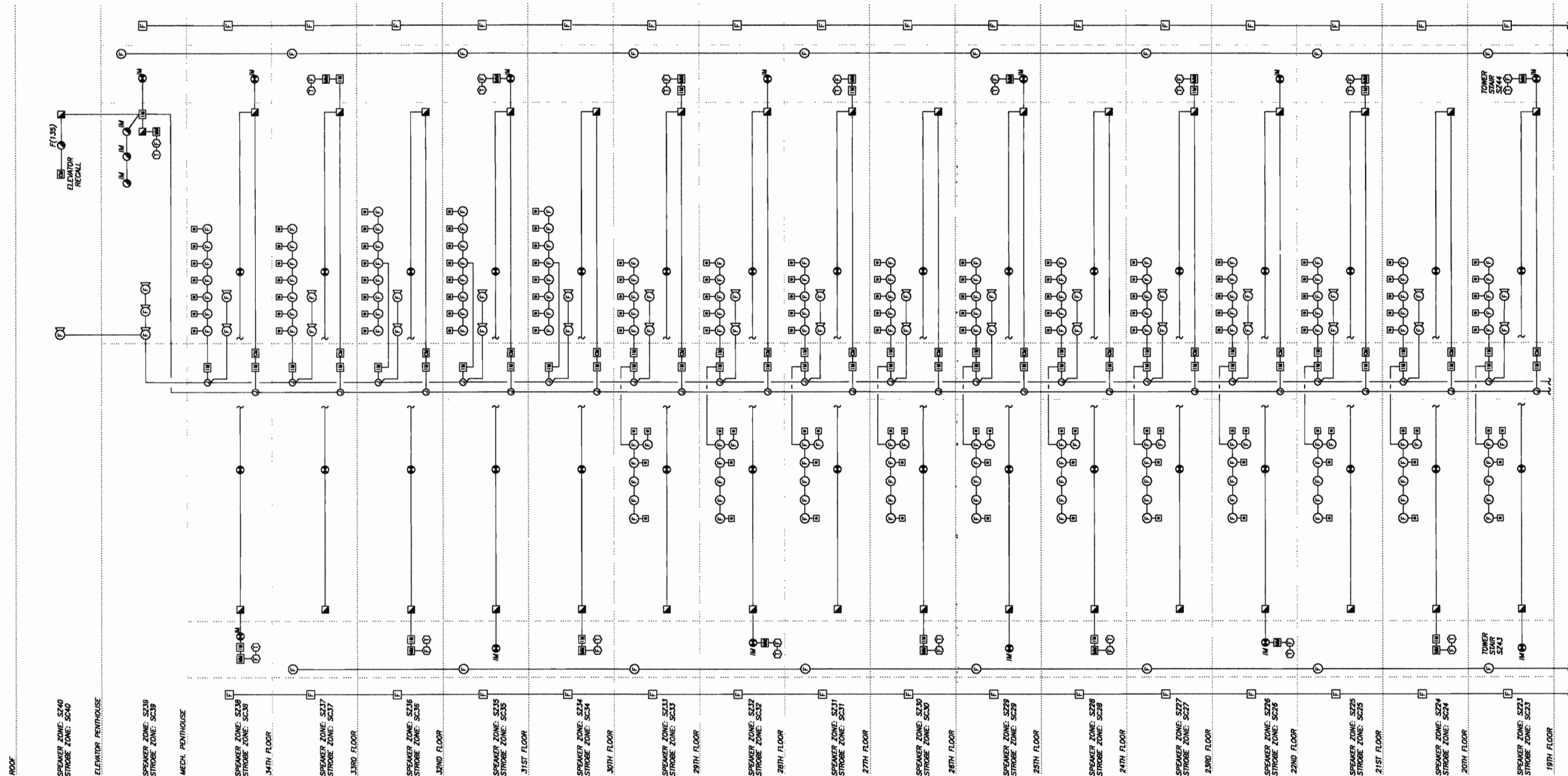
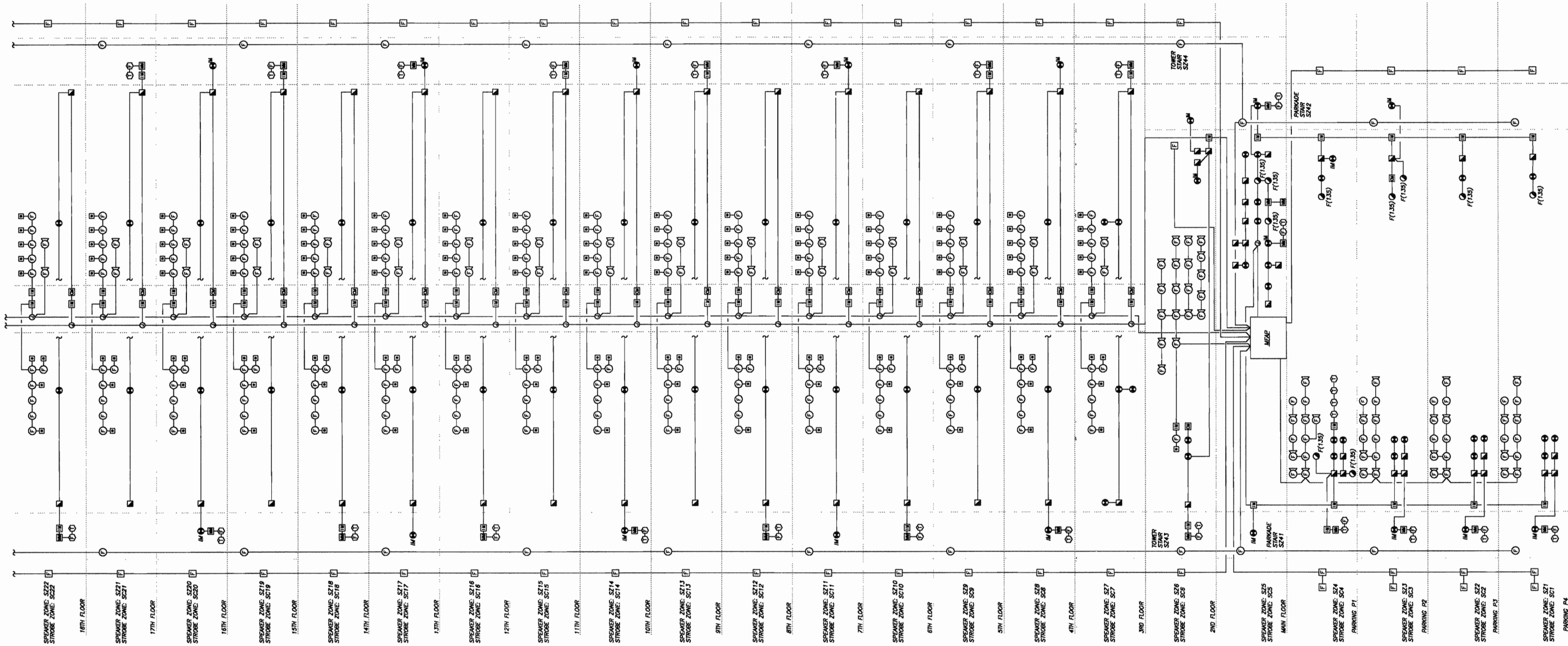
scale: NOTED
drawn by: M.H.
checked by: P.D.
project no: 24231
date: NOV.2004
activity date:

re-issue no:

sheet no:



E9.1
SHEET SIZE: 30 x 42



1 FIRE ALARM RISER
E9.1 SCALE: N.T.S.

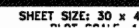


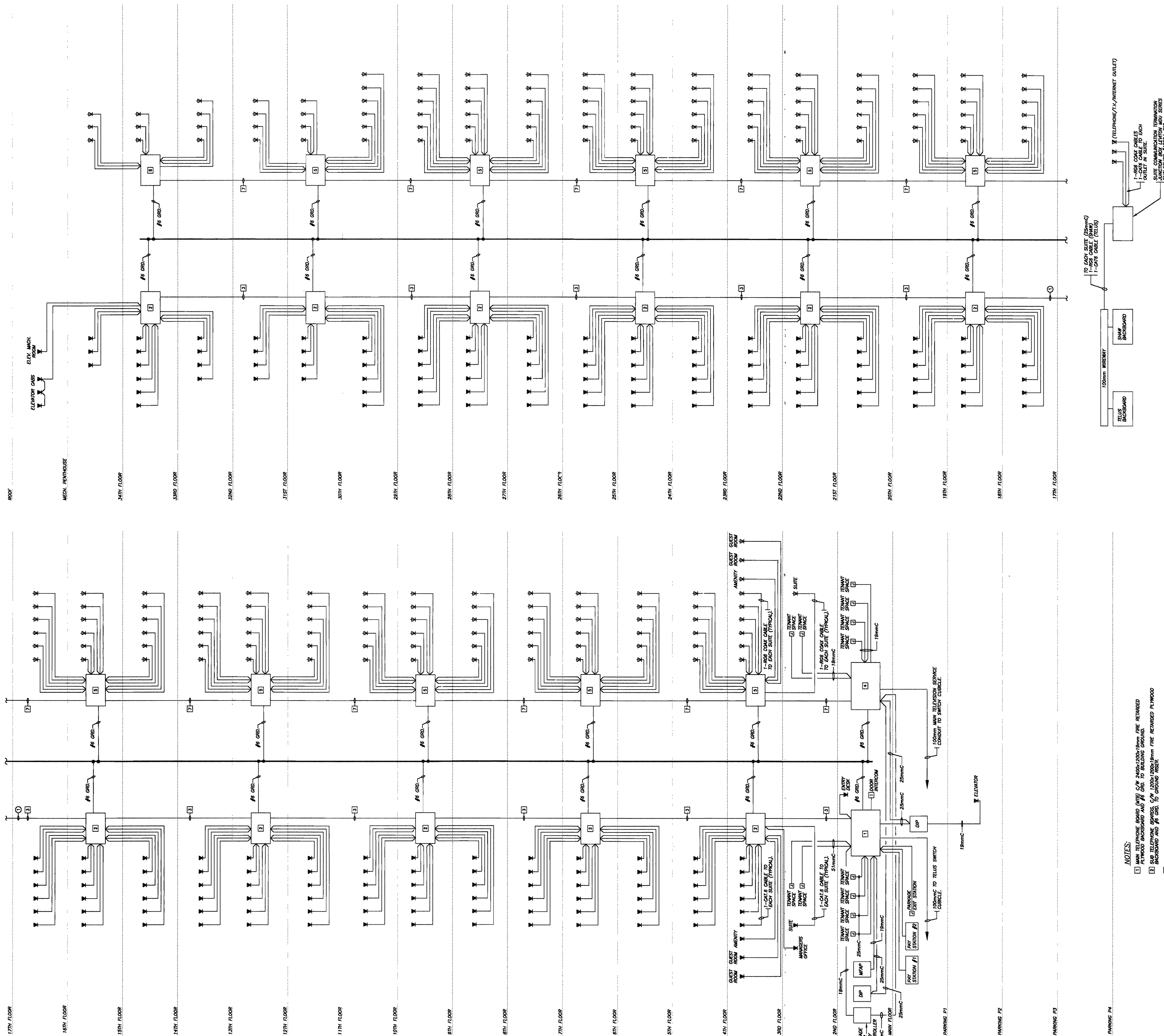
Stabelski, Robertson & Assoc. Ltd.

1 Detail Section or Elevation Number

client

re-issue no: sheet no:





2 TYPICAL SUITE COMMUNICATIONS WIRING SCHEMATIC
SCALE: N.T.S.



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Revision No.	Date	Description
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7	JUNE 15/05	PCN 002
8	JUNE 30/05	ISSUED FOR 100% REVIEW
9	JULY 25/05	ISSUED FOR TOWER CONSTRUCTION

MOTOR CONTROL SCHEDULE																				
MOTOR NUMBER	DESCRIPTION	LOCATION	HORSEPOWER OR FULL-LOAD AMPS	KILOWATTS KW	VOLTAGE	PHASE	FEED FROM	OVERCURRENT PROTECTION	FEEDER	REQUIREMENTS AT MOTOR		STARTER	CONTROLS					CONTACTS		REMARKS
										REQUIRED	EDMCC TYPE		TYPE	EDMCC SIZE	STOP	START-STOP	START-STOP-AUTO	START-STOP-AUTO	START-STOP-AUTO	
MUA-1	P4 PARADE MAKE UP	P4 NORTH MECH. ROOM	20 H.P.	20 H.P.	200	3	CDP 1HA	150A-3P	3/4"-25mmC			MAG								INTERLOCK WITH EF-1, CO CONTROLLED
MUA-2	P3 PARADE MAKE UP	P3 NORTH MECH. ROOM	20 H.P.	20 H.P.	200	3	CDP 1HA	150A-3P	3/4"-25mmC			MAG								INTERLOCK WITH EF-1, CO CONTROLLED
MUA-3	P2 PARADE MAKE UP	P2 SOUTH MECH. ROOM	20 H.P.	20 H.P.	200	3	CDP 1HA	150A-3P	3/4"-25mmC			MAG								INTERLOCK WITH EF-3, CO CONTROLLED
MUA-4	P1 PARADE MAKE UP	P1 SOUTH MECH. ROOM	20 H.P.	20 H.P.	200	3	CDP 1HA	150A-3P	3/4"-25mmC			MAG								INTERLOCK WITH EF-4, CO CONTROLLED
MUA-5	PARADE SHAIR PRESSURIZATION	P4 MECH. ROOM (CORE)	7.5 H.P.	7.5 H.P.	200	3	CDP 1EMA	60A-3P	3/8"-19mmC			MAG								SEE NOTE #1.
MUA-6	LOWER LEVELS MAKE-UP	MAIN FLOOR MECH. ROOM	5 H.P.	5 H.P.	200	3	CDP 1HA	40A-3P	3/10"-19mmC											
MUA-7	UPPER LEVELS MAKE-UP	PENTHOUSE MECH. ROOM	5 H.P.	5 H.P.	200	3	CDP MPHA	40A-3P	3/10"-19mmC			MAG								
CH-1	LOWER CHILLER	GROUND CHILLER ENCLOSURE	234.1 H.P.	234.1 H.P.	800	3	CDP 1HA	300A-3P	3/20mm-33mmC			BY MECH								
CH-2	UPPER CHILLER	PENTHOUSE CHILLER ENCLOSURE	151.2 H.P.	151.2 H.P.	800	3	CDP MPHA	200A-3P	3/2/0"-41mmC			BY MECH								
CH-3	UPPER CHILLER	PENTHOUSE CHILLER ENCLOSURE	151.2 H.P.	151.2 H.P.	800	3	CDP MPHA	200A-3P	3/2/0"-41mmC			BY MECH								
B-1	BOILER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
B-2	BOILER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
B-3	BOILER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
B-4	BOILER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-1	LOWER ZONE WATER HEATER	MAIN FLOOR MECHANICAL ROOM	120	1	PANEL 1A	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-2	LOWER ZONE WATER HEATER	MAIN FLOOR MECHANICAL ROOM	120	1	PANEL 1A	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-3	LOWER ZONE WATER HEATER	MAIN FLOOR MECHANICAL ROOM	120	1	PANEL 1A	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-4	MID LOWER ZONE WATER HEATER	MAIN FLOOR MECHANICAL ROOM	120	1	PANEL 1A	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-5	MID LOWER ZONE WATER HEATER	MAIN FLOOR MECHANICAL ROOM	120	1	PANEL 1A	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-6	MID LOWER ZONE WATER HEATER	MAIN FLOOR MECHANICAL ROOM	120	1	PANEL 1A	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-7	MID UPPER ZONE WATER HEATER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-8	MID UPPER ZONE WATER HEATER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-9	MID UPPER ZONE WATER HEATER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-10	UPPER ZONE WATER HEATER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-11	UPPER ZONE WATER HEATER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
HWH-12	UPPER ZONE WATER HEATER	PENTHOUSE MECHANICAL ROOM	120	1	PANEL MPB	15A-1P	2/12"-13mmC													CONTROL CIRCUIT ONLY
P-1	MAIN HEATING PUMP	PENTHOUSE MECHANICAL ROOM	15 H.P.	15 H.P.	200	3	CDP MPENHA	150A-3P	3/8"-25mmC			MAG								
P-2	MAIN HEATING PUMP	PENTHOUSE MECHANICAL ROOM	15 H.P.	15 H.P.	200	3	CDP MPENHA	150A-3P	3/8"-25mmC			MAG								
P-3	LOWER RADIATION PUMP	MAIN FLOOR MECHANICAL ROOM #1	7.5 H.P.	7.5 H.P.	200	3	CDP 1EMA	60A-3P	3/8"-19mmC			MAG								
P-4	LOWER RADIATION PUMP	MAIN FLOOR MECHANICAL ROOM #1	7.5 H.P.	7.5 H.P.	200	3	CDP 1EMA	60A-3P	3/8"-19mmC			MAG								
P-5	UPPER CHILLER PUMP	PENTHOUSE MECHANICAL ROOM	7.5 H.P.	7.5 H.P.	200	3	CDP MPHA	60A-3P	3/8"-19mmC			MAG								
P-6	UPPER CHILLER PUMP	PENTHOUSE MECHANICAL ROOM	7.5 H.P.	7.5 H.P.	200	3	CDP MPHA	60A-3P	3/8"-19mmC			MAG								
P-7	LOWER CHILLER PUMP	MAIN FLOOR MECHANICAL ROOM #1	7.5 H.P.	7.5 H.P.	200	3	CDP 1HA	60A-3P	3/8"-19mmC			MAG								
P-8	LOWER CHILLER PUMP	MAIN FLOOR MECHANICAL ROOM #1	7.5 H.P.	7.5 H.P.	200	3	CDP 1HA	60A-3P	3/8"-19mmC			MAG								
P-9	PARADE SANITARY PUMP	P4 PARADE	2 H.P.	2 H.P.	200	3	CDP 1DMA	20A-3P	3/12"-19mmC			BY MECH	BY MECH							
P-10	PARADE SANITARY PUMP	P4 PARADE	2 H.P.	2 H.P.	200	3	CDP 1DMA	20A-3P	3/12"-19mmC			BY MECH	BY MECH							
P-11	PARADE WEEPING PUMP	P4 PARADE	15 H.P.	15 H.P.	200	3	CDP 1ENHA	110A-3P	3/8"-25mmC			BY MECH	BY MECH							
P-12	PARADE WEEPING PUMP	P4 PARADE	15 H.P.	15 H.P.	200	3	CDP 1ENHA	110A-3P	3/8"-25mmC			BY MECH	BY MECH							
P-13	ELEVATOR SUMP PUMP	P4 PARADE	FRAC. H.P.	FRAC. H.P.	120	1	PANEL P2A	15A-1P	2/12"-13mmC											
P-14	LOWER ZONE RECHRG. PUMP	MAIN FLOOR MECHANICAL ROOM #2	FRAC. H.P.	FRAC. H.P.	120	1	PANEL 1A	15A-1P	2/12"-13mmC											
P-15	HIGH ZONE RECHRG. PUMP	MAIN FLOOR MECHANICAL ROOM #2	FRAC. H.P.	FRAC. H.P.	120	1	PANEL 1A	15A-1P	2/12"-13mmC											
P-16	MID UPPER ZONE RECHRG. PUMP	PENTHOUSE MECHANICAL ROOM	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC											
P-17	MID UPPER ZONE RECHRG. PUMP	PENTHOUSE MECHANICAL ROOM	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC											
P-18	UPPER RADIATION PUMP	PENTHOUSE MECHANICAL ROOM	5 H.P.	5 H.P.	200	3	CDP MPENHA	40A-3P	3/10"-19mmC			MAG								
P-19	UPPER RADIATION PUMP	PENTHOUSE MECHANICAL ROOM	5 H.P.	5 H.P.	200	3	CDP MPHA	40A-3P	3/10"-19mmC			MAG								
P-20	BOILER CHRG. PUMP	PENTHOUSE MECHANICAL ROOM	1 H.P.	1 H.P.	200	3	CDP MPHA	15A-3P	3/12"-19mmC			MAG								
P-21	BOILER CHRG. PUMP	PENTHOUSE MECHANICAL ROOM	1 H.P.	1 H.P.	200	3	CDP MPHA	15A-3P	3/12"-19mmC			MAG								
P-22	BOILER CHRG. PUMP	MAIN FLOOR MECHANICAL ROOM	1 H.P.	1 H.P.	200	3	CDP 1HA	15A-3P	3/12"-19mmC			MAG								
P-23	BOILER CHRG. PUMP	MAIN FLOOR MECHANICAL ROOM	1 H.P.	1 H.P.	200	3	CDP 1HA	15A-3P	3/12"-19mmC			MAG								
BP-1A	DOMESTIC BOOSTER PUMP	MAIN FLOOR MECHANICAL ROOM	20 H.P.	20 H.P.	200	3	CDP 1HA	150A-3P	3/4"-25mmC			MAG								
BP-1B	DOMESTIC BOOSTER PUMP	MAIN FLOOR MECHANICAL ROOM	40 H.P.	40 H.P.	200	3	CDP 1HA	300A-3P	3/1/0"-32mmC			MAG								
FP-1	FIRE PUMP	MAIN FLOOR MECHANICAL ROOM	60 H.P.	60 H.P.	200	3	CDP 1HA	400A-3P	3/4/0"-50mmC			BY MECH	BY MECH							SEE ONE LINE DIAGRAM
FP-2	FIRE PUMP	MAIN FLOOR MECHANICAL ROOM	80 H.P.	80 H.P.	200	3	CDP 1HA	350A-3P	3/3/0"-38mmC			BY MECH	BY MECH							SEE ONE LINE DIAGRAM
EF-1	DRAFT INDUCER FAN	MAIN FLOOR NEXT TO CHILLER	2.0 H.P.	2.0 H.P.	200	3	CDP 1HA	20A-3P	3/12"-13mmC			BY MECH								PROVIDE A 120 VOLT CIRCUIT FOR CONTROLLER
EF-2	P4 PARADE EXHAUST	P4 MECHANICAL ROOM	7.5 H.P.	7.5 H.P.	200	3	CDP 1HA	60A-3P	3/8"-19mmC			MAG								
EF-2	P3 PARADE EXHAUST	P3 MECHANICAL ROOM	7.5 H.P.	7.5 H.P.	200	3	CDP 1HA	60A-3P	3/8"-19mmC			MAG								
EF-3	P2 PARADE EXHAUST	P2 MECHANICAL ROOM	7.5 H.P.	7.5 H.P.	200	3	CDP 1HA	60A-3P	3/8"-19mmC			MAG								
EF-4	P1 PARADE EXHAUST	P1 MECHANICAL ROOM	7.5 H.P.	7.5 H.P.	200	3	CDP 1HA	60A-3P	3/8"-19mmC			MAG								
EF-5	RESIDENTIAL GARBAGE ROOM EXHAUST	RE-IDENTIAL GARBAGE ROOM	1 H.P.	1 H.P.	200	3	CDP 1HA	15A-3P	3/12"-19mmC			MAG								
EF-6	RECL. GARBAGE ROOM EXHAUST	RECL. GARBAGE ROOM	1 H.P.	1 H.P.	200	3	CDP 1HA	15A-3P	3/12"-19mmC			MAG								
EF-7	MAIN FLOOR WASHROOM EXHAUST	MAIN FLOOR WASHROOM	1 H.P.	1 H.P.	200	3	CDP 1HA	15A-3P	3/12"-19mmC			MAG								
EF-8	SECOND FLOOR WASHROOM EXHAUST	SECOND FLOOR WASHROOM	1 H.P.	1 H.P.	200	3	CDP 1HA	15A-3P	3/12"-19mmC			MAG								
EF-9	MAIN FLOOR JANITOR EXHAUST	MAIN FLOOR JANITOR EXHAUST	FRAC. H.P.	FRAC. H.P.	120	1	PANEL 1A	15A-1P	2/12"-13mmC			MAG								
EF-10	DINAK MULET EXHAUST FAN	LEVEL #2 DINAK MULET	1 1/2 H.P.	1 1/2 H.P.	200	3	PANEL P2A	15A-3P	3/12"-19mmC			MAG								
EF-11	REFRIGERANT EXHAUST FAN	MAIN FLOOR GEN. SERV. ROOM	1/2 H.P.	1/2 H.P.	120	1	PANEL 1A	20A-1P	2/12"-13mmC			MAN								
EF-12	EXHAUST FAN	MAIN FLOOR MECHANICAL ROOM #2	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC			MAN								
EF-13	EXHAUST FAN	MAIN FLOOR MECHANICAL ROOM	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC			MAN								
EF-14	EXHAUST FAN	PENTHOUSE ELEVATOR LOBBY	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC			MAN								
EF-15	EXHAUST FAN	PENTHOUSE ELEVATOR LOBBY	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC			MAN								
EF-16	EXHAUST FAN	ELEVATOR MACHINE ROOM	FRAC. H.P.	FRAC. H.P.	120	1	PANEL MPB	15A-1P	2/12"-13mmC			MAN								
	RESIDENTIAL WASHROOM EXHAUST	SUITES	FRAC. H.P.	FRAC. H.P.	120	1	SUITE PANEL	15A-1P	2/12"-13mmC			MAN								

[illegible]

MOTOR CONTROL SCHEDULE																		
MOTOR NUMBER	DESCRIPTION	LOCATION	HORSEPOWER OR FULL LOAD AMPS	KILOWATTS KW	VOLTAGE	PHASE	FED FROM	OVERCURRENT PROTECTION	FEEDER	DISCONNECT AT MOTOR		STARTER	CONTROLS				CONDUIT	REMARKS
										REQUIRED	EDMAG TYPE		EDMAG TYPE	EDMAG SIZE	STOP	START-STOP		
MUA-1	PARKADE MAKE UP AIR UNIT	LEVEL 1 MECH. ROOM	7.5 H.P.		208	3	CDP 1RTHA	60A-3P	3#8-19mmC			BY MECH						
MUA-2	PARKADE MAKE UP AIR UNIT	LEVEL 1 MECH. ROOM	7.5 H.P.		208	3	PANEL P2A	60A-3P	3#8-19mmC			BY MECH						FED FROM PHASE 1 DISTRIBUTION
MUA-3	GROUND FLOOR MECHANICAL ROOM	GROUND FLOOR MECH. ROOM	2.0 H.P.		208	3	PANEL 1RTEMA	20A-3P	3#12-13mmC	●		BY MECH						INSTALL CONDUCTORS IN CONCRETE SLAB OR PROVIDE 1 IN. FIRE RATING FOR CONDUCTORS
AHU-1	VENTILATION FAN	2ND FLOOR MECH. RM.	10 H.P.		208	3	CDP 1RTHA	80A-3P	3#6-25mmC			BY MECH						
CH-1	CHILLER	GROUND FLOOR WEST EXTERIOR		255	600	3	CDP 1RTHA	1200A-3P	3 RUNS OF 3 #600mmC (300V) 3 #600mmC (600V) 3 #600mmC (600V)	●		BY MECH						NOTE #3
B-1A	BOILER CONTROL CIRCUIT	GROUND FLOOR MECH. RM.	10 AMPS		120	1	PANEL 1RTEMA	15A-1P	2 #12-13mmC	●								
B-2A	BOILER CONTROL CIRCUIT	GROUND FLOOR MECH. RM.	10 AMPS		120	1	PANEL 1RTEMA	15A-1P	2 #12-13mmC	●								
P-1A	BOILER PUMP	GROUND FLOOR MECH. RM. 0147	1.5 H.P.		208	3	PANEL 1RTEMA	15A-1P	3 #12-13mmC			MAG	●	●	●	2	2	
P-2A	BOILER PUMP	GROUND FLOOR MECH. RM. 0147	1.5 H.P.		208	3	PANEL 1RTEMA	15A-1P	3 #12-13mmC			MAG	●	●	●	2	2	
P-3A	MAIN HEATING PUMP	GROUND FLOOR MECH. RM. 0147	7.5 H.P.		208	3	PANEL 1RTEMA	60A-3P	3 #8-19mmC			MAG	●	●	●	2	2	
P-4A	MAIN HEATING PUMP	GROUND FLOOR MECH. RM. 0147	7.5 H.P.		208	3	PANEL 1RTEMA	60A-3P	3 #8-19mmC			MAG	●	●	●	2	2	
P-5A	CHILLED PRIMARY PUMP	GROUND FLOOR MECH. RM. 0148	3.0 H.P.		208	3	CDP 1RTHA	30A-3P	3 #12-13mmC			MAG	●	●	●	2	2	
P-6A	CHILLED PRIMARY PUMP	GROUND FLOOR MECH. RM. 0148	3.0 H.P.		208	3	CDP 1RTHA	30A-3P	3 #12-13mmC			MAG	●	●	●	2	2	
P-7A	CHILLED WATER PUMP	GROUND FLOOR MECH. RM. 0148	10.0 H.P.		208	3	CDP 1RTHA	80A-3P	3 #6-25mmC			MAG	●	●	●	2	2	
P-8A	CHILLED WATER PUMP	GROUND FLOOR MECH. RM. 0148	10.0 H.P.		208	3	CDP 1RTHA	80A-3P	3 #6-25mmC			MAG	●	●	●	2	2	
P-9A	HEATING COIL PUMP	2ND FLOOR MECH. RM.	3.0 H.P.		208	3	CDP 1RTHA	30A-3P	3 #12-13mmC			MAG	●	●	●	2	2	
P-10A	R/W SENSAGE PUMP	PARKADE LEVEL P2	2.0 H.P.		208	3	TO PUMP CONTROL PANEL	BY MECH	3 #12-13mmC			BY MECH						NOTE #1
P-11A	R/W SENSAGE PUMP	PARKADE LEVEL P2	2.0 H.P.		208	3	TO PUMP CONTROL PANEL	BY MECH	3 #12-13mmC			BY MECH						NOTE #1
	R/W SENSAGE CONTROL PANEL	PARKADE LEVEL P2					PANEL P2EMA	30A-3P	3 #10-13mmC									FED FROM PHASE 1 EMERGENCY ELECTRICAL DISTRIBUTION
EF-1A	PARKADE P1 EXHAUST FAN	PARKADE LEVEL P1	5.0 H.P.		208	3	CDP 1RTHA	40A-3P	3 #10-13mmC	●		MAG	●	●	●	2	2	
EF-2A	PARKADE P2 EXHAUST FAN	PARKADE LEVEL P2	5.0 H.P.		208	3	PANEL 2PA PHASE 1	40A-3P	3 #10-13mmC	●		MAG	●	●	●	2	2	FED FROM PHASE 1 DISTRIBUTION
EF-3A	GARAGE ROOM EXHAUST FAN	PHASE 1A, GROUND FLR. GARAGE ROOM	1/4 H.P.		120	1	PANEL 1RTA	15A-1P	3 #12-13mmC			MAG	●	●	●	2	2	

[illegible]

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Sra
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Engineer



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1. Detail, Section or Elevation Number

2. Sheet Number Where Detailed or Referenced

Revision No.	Date	Description
1	NOV.28/05	ISSUED FOR B.P.
2	FEB.14/06	ISSUED FOR TENDER
3	MAY 20/06	ISSUED FOR CONSTRUCTION

client

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project title

VICTORIA SCHOOL
CONDOMINIUMS PHASE 1

439, 11 AVE. S.E.
CALGARY, ALBERTA

drawing title

LIGHTING SCHEDULE,
MOTOR SCHEDULE,
ONE LINE DIAGRAM

scale: 1:100
drawn by: C.R.C.
checked by: P.D.
project no: 24231
date: OCT.05
activity date: NOV./0

re-issue n

sheet no:



E10.2

SHEET SIZE: 30