URSULINE COLLEGE

BOILER & AIR HANDLING UNIT REPLACEMENT

CHATHAM

ONTARIO

C&B PROJECT NO. 6774

MARCH 14, 2011 ISSUED FOR TENDER





369 YORK ST., SUITE 2B, LONDON ON, CANADA N6B 3R4 P: 519-679-8660 F: 519-679-2145 chorley.com

ARCHITECTURAL	MECHANICAL	ELECTRICAL
A1.1 ROOF PLAN	M1.1 LEGEND, DRAWING LIST, SCHEDULES & DETAILS	E1.1 LEGEND, DRAWING LIST & SCHEDULES
A1.2 DETAILS	M2.1 DENOMY BOILER ROOM PLANS	E2.1 OVERALL PLANS
	M2.2 DENOMY HEATING SYSTEM SCHEMATICS	E2.2 PART PLANS DENOMY, XAVIER & MERICI
	M2.3 XAVIER BOILER ROOM PLANS & SCHEMATICS	
	M2.4 MERICI BOILER ROOM PLANS & SCHEMATICS	
	M2.5 DETAILS	
	M3.1 ROOFTOP UNIT & MAKE-UP AIR UNIT REPLACEMENTS	

				R	00F	TOP	HEATIN	NG AND	AIR CO	ONDITION	NING	UNITS		
				SUPPLY	FAN		COOLING (CAPACITY*	HEATING	CAPACITY		ELECTRI	CAL	
DRAWING REFEERENCE	MANUFACTURER	MODEL	AIR QUANTITY [CFM]	EXT. STATIC PRESSURE [IN.WG.]	FRPM	HP	TOTAL [MBH]	SENSIBLE [MBH]	INPUT [MBH]	OUTPUT [MBH]	MIN. SEER	VOLTAGE	MCA	REMARKS
RTU-501	CARRIER	48HCEA05	1600	0.75	1,131	1 1/2	50.6	38.1	82/115	93.0	15.6	575/3/60	8.8	-
RTU-502	CARRIER	48HCEA05	1600	0.75	1,131	1 1/2	50.6	38.1	82/115	93.0	15.6	575/3/60	23.4	_

							MA	AKE UP	AIR l	JNIT	S				
				SUPPLY	FAN			RETURN	FAN		HEATING	CAPACITY	ELECTRI	CAL	
DRAWING REFERENCE	MANUFACTURER	MODEL	AIR QUANTITY [CFM]	EXT. STATIC PRESSURE [IN.WG.]	FRPM	HP	AIR QUANTITY [CFM]	EXT. STATIC PRESSURE [IN.WG.]	FRPM	HP	INPUT [MBH]	OUTPUT [MBH]	VOLTAGE	MCA	REMARKS
	ENGINEERED AIR ENGINEERED AIR	DJX100/0 DJS60	7,000 5,200	1.0 0.5	- -	7.5 3.0	- 5,200	- 0.5	- -	- 3.0	750 600	675 480	575/3/60 575/3/60		- -

				E)	XPANSION T	ANKS	
DRAWING REFERENCE	SERVICE	MANUFACTURER	MODEL	TOTAL VOLUME [GAL]	ACCEPTANCE VOLUME [GAL]	FILL PRESSURE [PSI]	REMARKS
ET-1 ET-2	DENOMY HEATING SYSTEM MERICI HEATING SYSTEM	AMTROL AMTROL	AX-60V AX-60V	33.6 33.6	11.3 11.3	12 30	- -

					В	OILERS					
DRAWING	SERVICE	MANUFACTURER	MODEL	E	BURNER		INPUT	OUTPUT	VOLTAGE	BOILER HP	REMARKS
REFERENCE	SERVICE	WANTOTACTOTLET	MODEL	MANUFACTURER	MODEL	HP	[MBH]	[MBH]	VOLIAGE	DOILLIN TII	REMARKS
BLR-501 A/B	DENOMY HEATING SYSTEM	BUDERUS	SB615/640	WEISHAUPT	G5/1-D	_	2,228	2,104*	575/3/60	62.8	LOW NOx BURNER — MODULATING
BLR-502 A/B	XAVIER HEATING SYSTEM	LOCHINVAR	SBN 1500	_	-	_	1,500	1,443*	120/1/60	-	_
BLR-503	MERICI HEATING SYSTEM	LOCHINVAR	SBN 1300	_	-	_	1,300	1,078*	120/1/60	ı	-

			CIRCU	JLATING	PUMF	PS .				
DRAWING REFERENCE	MANUFACTURER	MODEL	SERVICE	FLOW GPM	HEAD FT	EFFICIENCY %	RPM	HP	ELECTRICAL	REMARKS
CP-302 A/B/C/D CP-303 A/B	ITT	60 - 2 x 5 1/4 60 - 2 x 5 1/4	XAVIER BOILER CIRCULATORS MERICI BOILER CIRCULATOR	73.5 62	15 15	62 60	1750 1750	3/4 3/4	208/3/60 208/3/60	-

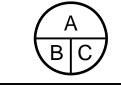
	MECHANICAL DRAWING LIST
M1.1	LEGEND, DRAWING LIST, SCHEDULES & DETAILS
M2.1	DENOMY BOILER ROOM PLANS
M2.2	DENOMY HEATING SYSTEM SCHEMATICS
M2.3	XAVIER BOILER ROOM PLANS & SCHEMATICS
M2.4	MERICI BOILER ROOM PLANS & SCHEMATICS
M2.5	DETAILS
M3.1	ROOFTOP UNIT & MAKE-UP AIR UNIT REPLACEMENTS

	MECHAN	IICAL LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DOMESTIC COLD WATER	——II——	UNION
	DOMESTIC HOT WATER		STRAINER
	DOMESTIC HOT WATER RETURN		CAP
	HOT WATER HEATING SUPPLY		AUTOMATIC AIR VENT (WITH BALL VALVE)
——————————————————————————————————————	HOT WATER HEATING RETURN		LOW WATER OUT OFF
	NATURAL GAS	☐ LWCO	LOW WATER CUT OFF
D	INDIRECT DRAIN	⊠ FD	FLOOR DRAIN
NAME(E)	EXISTING PIPING TO REMAIN		
★ — ★ NAME(E) ★ — ★	EXISTING PIPING TO BE REMOVED		COLD WATER MAKE—UP STATION
	SHUT OFF VALVE		FLANGES
→	CHECK VALVE		PUMP
	PRESSURE REDUCING VALVE	<u> </u>	THERMOMETER
	THREE-WAY CONTROL VALVE	<u> </u>	PRESSURE GAUGE (WITH BALL VALVE)
₽	PRESSURE RELIEF VALVE	TO I	THERMOSTAT
—	BALL VALVE		THERMOWELL
	COMBINATION SHUT-OFF & BALANCING VALVE	**	EXISTING DUCTWORK TO BE REMOVED
	PRESSURE GAUGE COCK		NEW DUCTWORK
<u></u>	DRAIN WITH HOSE CONNECTION		

		NATUF	RAL GAS	PRESSURI	E REDUCI	ING VAL\	/ES	
DRAWING REFERENCE	MANUFACTURER	SERVICE	MODEL	SEAT RING	PRESS INLET	SURE OUTLET	CAPACITY MBH	REMARKS
PRV-1	FISHER	MERICI BLR-503	S402	1/2"	5.0 PSI	7" W.G.	1,400	CAST IRON BODY, INTERNAL RELIEF

			UNIT	HEATER				
DRAWING REFERENCE	MANUFACTURER	MODEL	CAPACITY MBH	WATER FLOW GPM	AIR FLOW CFM	HP	RPM	ELECTRICAL
UH-401	ENGINEERED AIR	H2	34.9	2.4	620	1/20	1500	120/60/1
<u>NOTE:</u> HORIZO	ONTAL THROW UNIT HEATER,	CSA APPROVED WITH FINGE	R GUARD, UNIT M	OUNTED STARTER,	FIELD MOUNTED	DIRECT ACTII	NG THERMOSTA	Д Т

No.	Ву	Revisions	Date
1	PJG	ISSUED FOR BOARD REVIEW	FEB. 16, 2011
2	PJG	ISSUED FOR BOARD REVIEW	MAR. 02, 2011
3	PJG	ISSUED FOR TENDER	MAR. 14, 2011



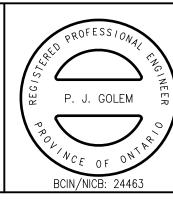
A DETAIL NO.

B DWG. NO. - WHERE REQUIRED

C DWG. NO. - WHERE DETAILED

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Title

BOILER & AIR HANDLING UNIT REPLACEMENT URSULINE COLLEGE CHATHAM CATHOLIC SECONDARY SCHOOL

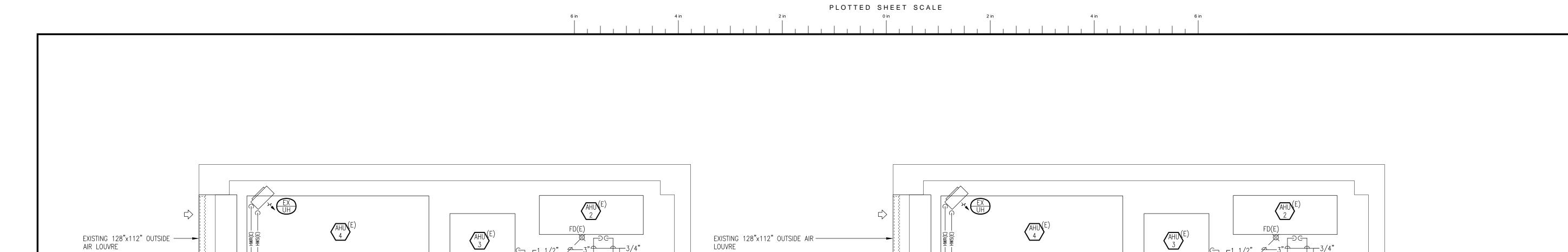
ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD CHATHAM, ONTARIO

Drawing Titl

LEGEND, DRAWING LIST, SCHEDULES & DETAILS

Drawn	Checked	Approved	Drawing No.
DAC	JDF	PJG	141 1
Scale	Date	Project No.	M1.1
AS NOTED	MAR. 11, 2011	6774	Rev. No.

	P	i
	3:15	
1.DWG	14-Mar-2011 3:15 PM	
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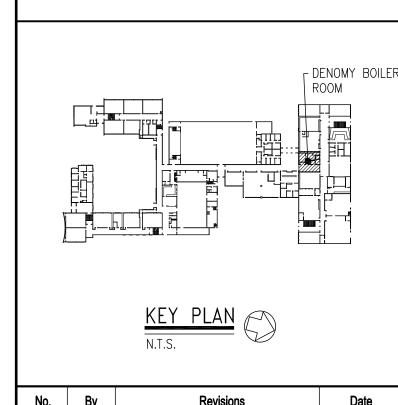


EXISTING SIDEWALL SUPPLY AIR FAN -

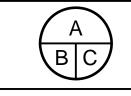
EXISTING 36"x12" COMBUSTION AIR ——

DUCT DN.

FD(E)

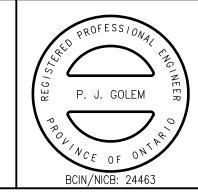


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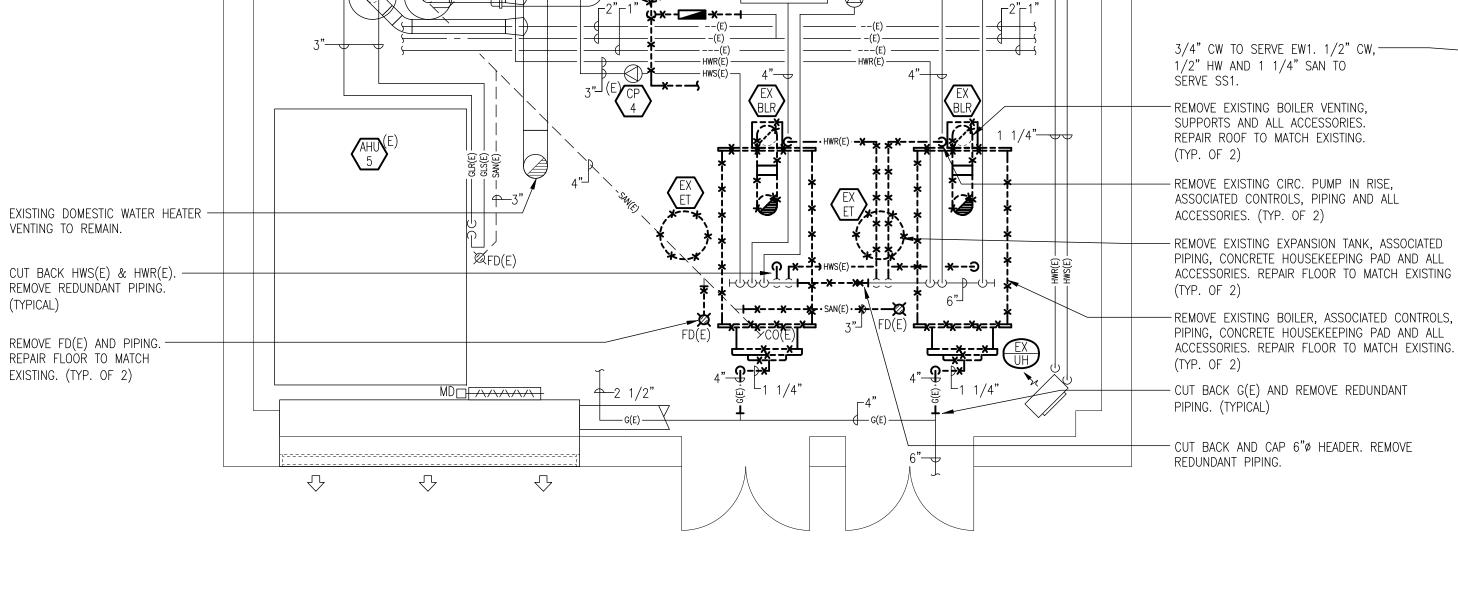
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BOILER & AIR HANDLING UNIT REPLACEMENT URSULINE COLLEGE CHATHAM CATHOLIC SECONDARY SCHOOL

ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD CHATHAM, ONTARIO

DENOMY BOILER ROOM PLANS

Drawn	Checked	Approved	Drawing No.
DAC	JDF	PJG	M2 1
Scale	Date	Project No.	M2.1
AS NOTED	MAR. 11, 2011	6774	Rev. No.



1 1/2"

−4"HWS(E) DN

4"HWR(E) DN

1 1/2"

BOILER ROOM FLOOR PLAN DEMOLITION

NOTES:

HWS(E)

EXISTING SIDEWALL SUPPLY ----

EXISTING 36"x12"——

VENTING TO REMAIN.

(TYPICAL)

CUT BACK HWS(E) & HWR(E). —

REMOVE REDUNDANT PIPING.

REMOVE FD(E) AND PIPING.

REPAIR FLOÒŔ TO MATCH

EXISTING. (TYP. OF 2)

COMBUSTION AIR DUCT DN.

AIR FAN

- 1. REMOVE ALL REDUNDANT EQUIPMENT ASSOCIATED WITH EXISTING BOILERS.
- 2. RESTORE ALL SURFACES WHERE SERVICES ARE REMOVED. REPAIR ALL WALL AND ROOF OPENINGS TO MATCH EXISTING.
- 3. CUT BACK AND CAP ALL REDUNDANT PIPING IN BOILER ROOM.
- 4. REMOVE REDUNDANT HOUSEKEEPING PADS.
- 5. SEE HEATING SYSTEM SCHEMATIC FOR PIPE SIZES.
- 6. REINSTALL ALL CONTROL SENSORS IN EXISTING PIPING BEING REMOVED. CONNECT ALL WIRING TO NEW CONTROL PANEL.

BOILER ROOM FLOOR PLAN

NOTES:

 \bigcirc

MD AAAAA

HWS(E)

1. PROVIDE 4" HIGH HOUSEKEEPING PADS FOR ALL NEW FLOOR MOUNTED EQUIPMENT.

-4" HWS(E) DN

4"HWR(E) DN

1 1/2"

- INSTALL NEW CW MAKE-UP STATION AT 4'-6" A.F.F. ALONG SOUTH WEST WALL.

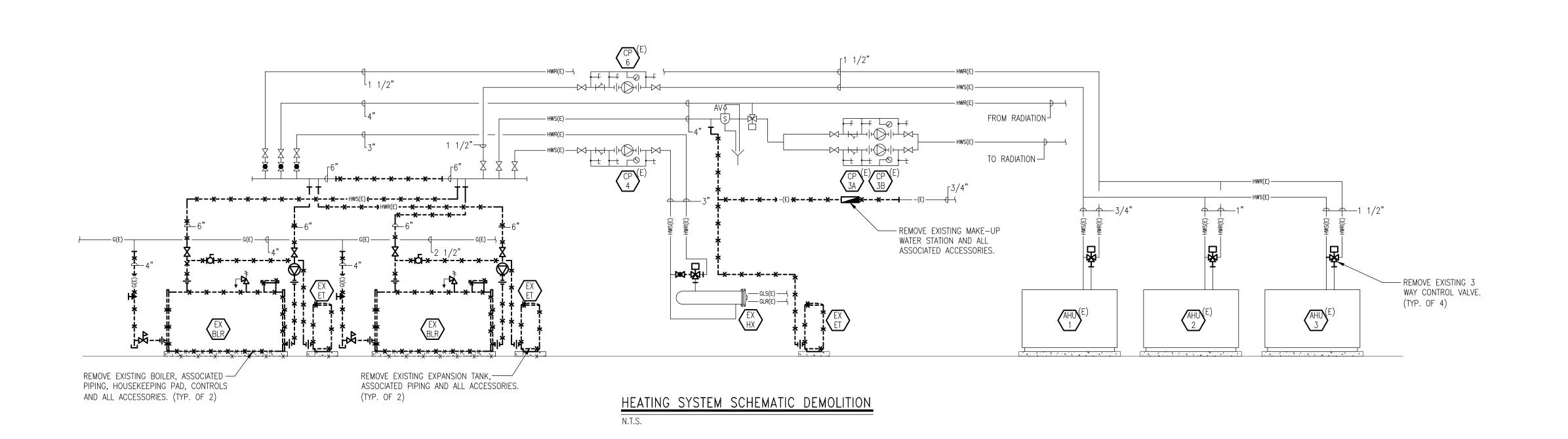
-14"ø BOILER VENT UP THRU' ROOF.

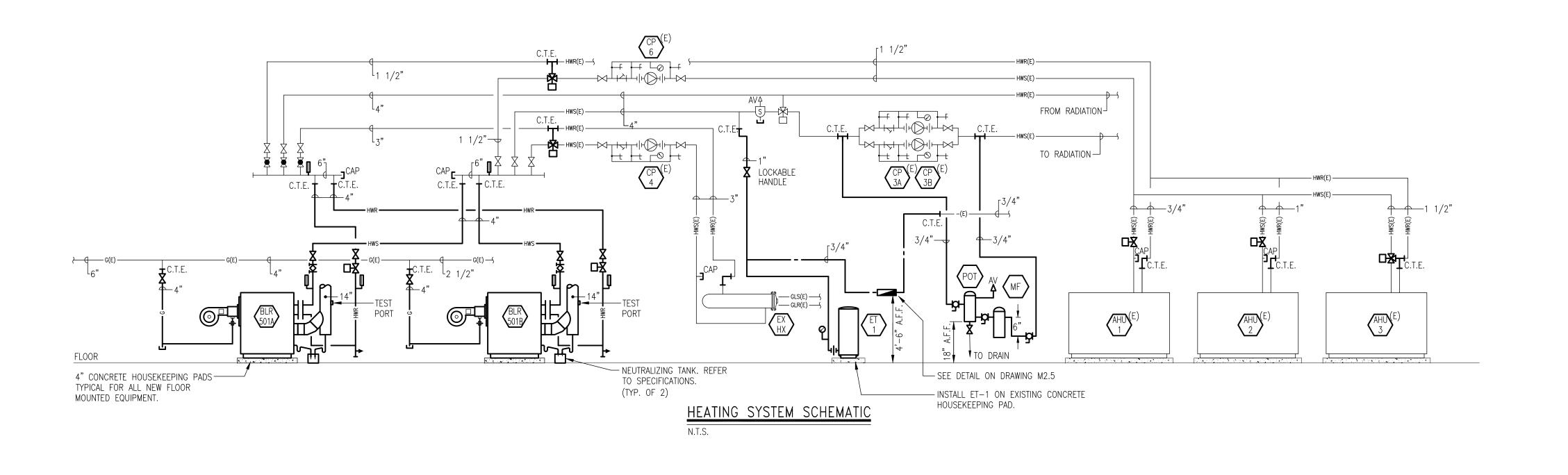
(TYP. OF 2). SEE DETAIL ON DRAWING

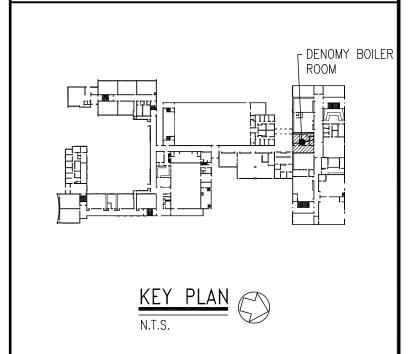
1 1/2"—

- RESERVED
- 3. ALL BOILER DRAINAGE PIPING TO BE CPVC.
- 4. REFER TO SCHEMATICS FOR PIPE SIZES, VALVES, FITTINGS, AND ACCESSORIES.
- 5. PROVIDE AND INSTALL ALL THERMOWELLS.
- 6. SHUT OFF VALVES MAY BE BALL STYLE FOR PIPES 2" AND SMALLER OR BUTTERFLY STYLE FOR PIPES OVER 2". DO NOT USE GATE VALVES.

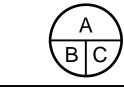








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		•	



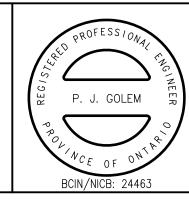
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Title

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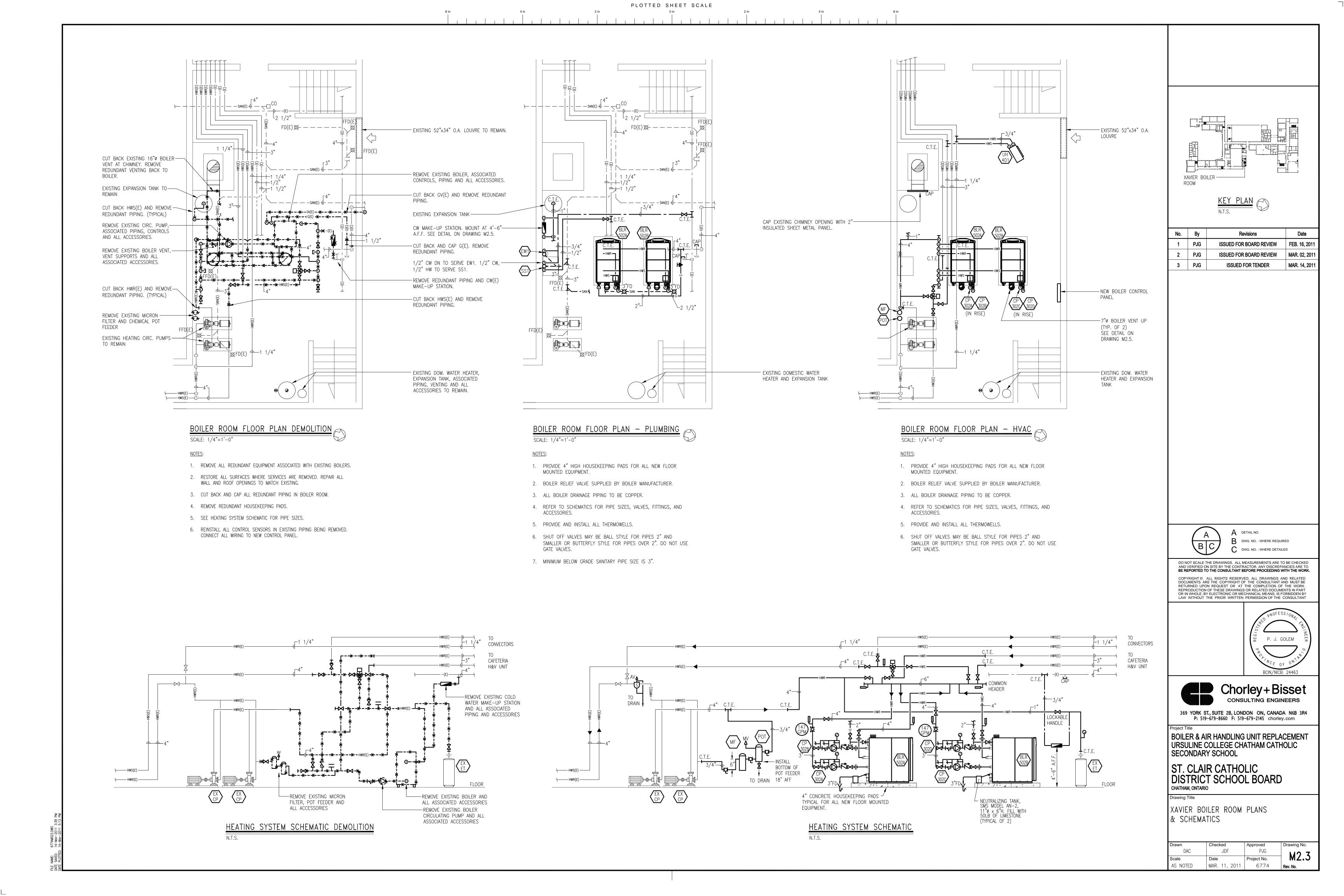
ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD CHATHAM, ONTARIO

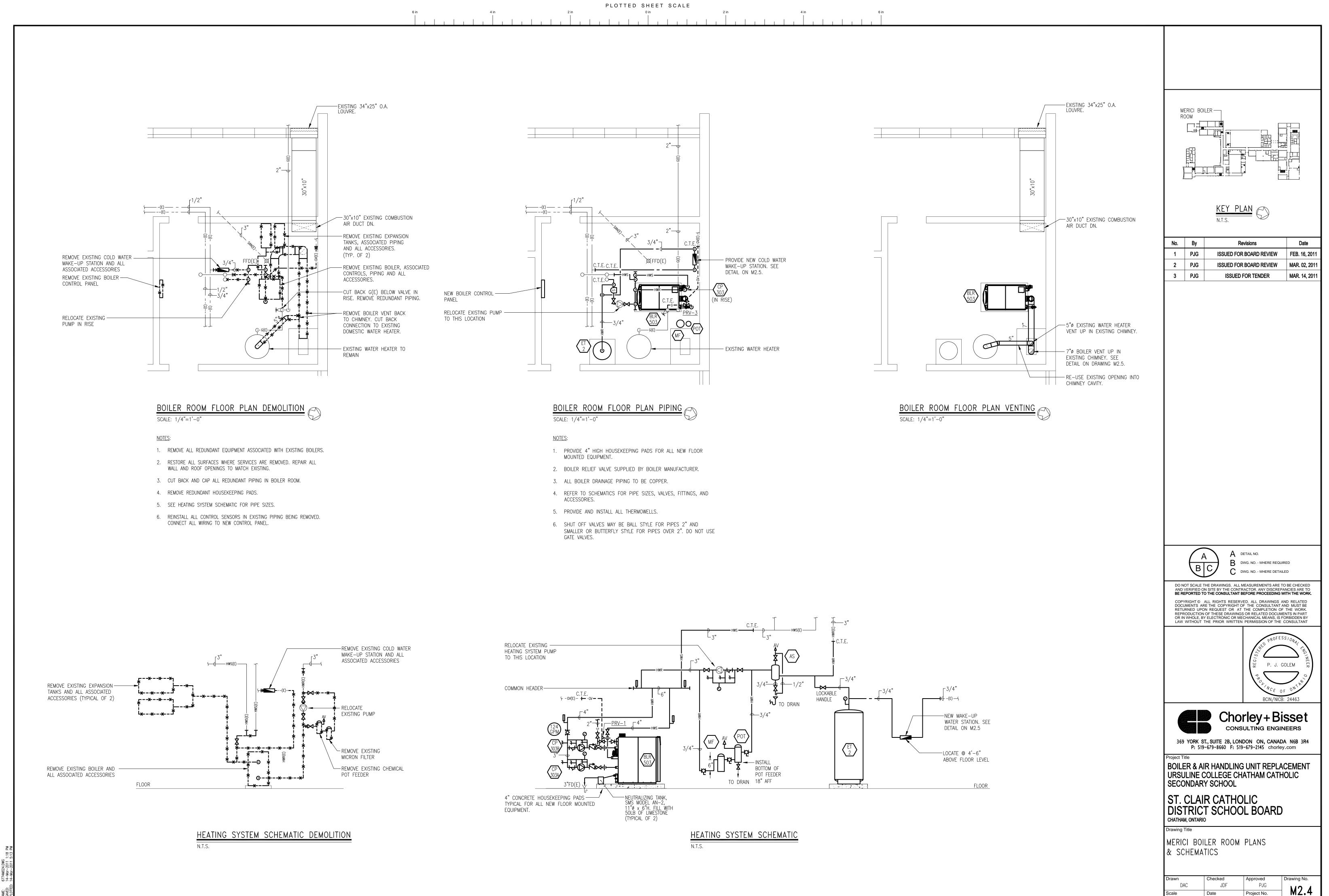
Drawing Title

DENOMY HEATING SYSTEM SCHEMATICS

Drawn
DAC
DAC
DAC
DAC
DAC
DAC
DAC
DATE
Date
AS NOTED

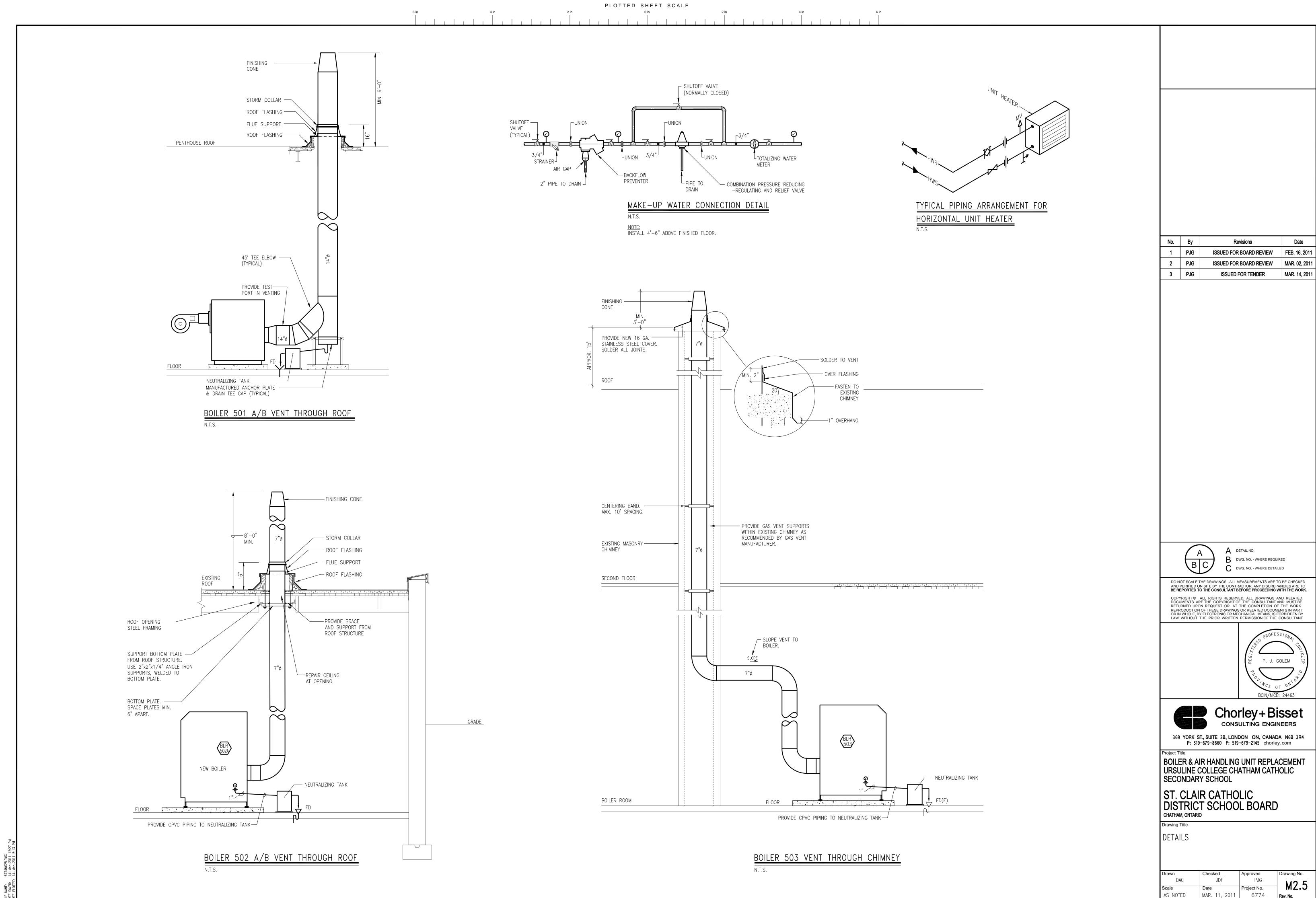
Checked
Approved
PJG
Project No.
AS NOTED
ARRAN, 2011
ARRAN, 2011
APPROVED



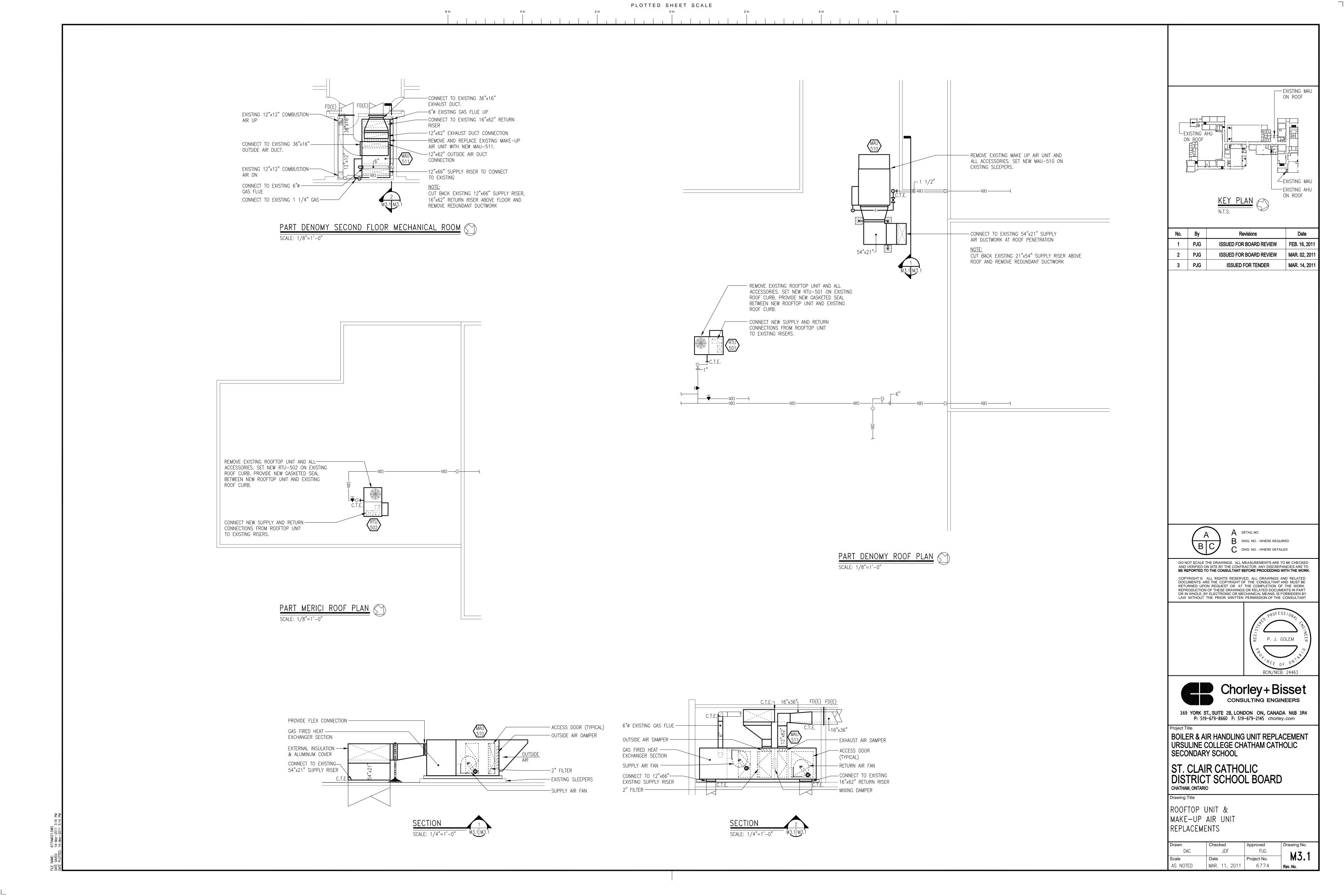


AS NOTED Date Project No.

MAR. 11, 2011 6774 Rev. No.



1, 2011 6774



PLOTTED SHEET SCALE

	ELECTRICAL LEGEND						
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION				
	COMBINATION STARTER NON-FUSED DISCONNECT SWITCH MANUAL STARTER MOTOR	EX REM	ELECTRICAL PANEL EXISTING DEVICE TO REMAIN EXISTING DEVICE TO BE REMOVED				

	ELECTRICAL DRAWING LIST
E1.1	LEGEND, DRAWING LIST, SCHEDULES & DETAILS
E2.1	OVERALL PLANS — ELECTRICAL
E2.2	DENOMY, XAVIER AND MERICI PART PLANS — ELECTRICAL

MECHANICAL EQUIPMENT SCHEDULE														
EQUIPMENT SUPPLIED AND INSTALLED BY OTHERS WIRED BY DIV. 16 CONTROL EQUIPMENT SUPPLIED AND INSTALLED BY DIV. 16									775 27 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	4/			REMARKS/NOTES	
ITEM	DESCRIPTION	LOCATION	hp	MCA	PHASE	VOLTS	STARTER/CONTROL TYPE	FEED FROM	1346 1376					REMARKS/NOTES
MAU 501	MAKE UP AIR UNIT	ABOVE CHANGE ROOM 1010 (ON ROOF)		13	3	575	DS, WP	EX. PANEL 'H1'	15		3	3#12	3/4	PROVIDE A NEW BREAKER IN EXISTING FPE 600/347V PANEL
MAU-502	MAKE UP AIR UNIT	IN MECHANICAL ROOM 2022		11	3	575	DS, WP	EX. PANEL '2F2'	15		3	3#12	3/4	REPLACE EXISTING MAU. PROVIDE NEW FEERER
RTU-501	ROOF TOP UNIT	ABOVE MAIN LOBBY 1002 (ON ROOF)		9	3	575	DS, WP	EX. PANEL 'H1'	15		3	3#12	3/4	REUSE FEEDER AND CIRCUIT
RTU-502	ROOF TOP UNIT	ABOVE STAFF ROOM 1265 (ON ROOF)			3	208	DS, WP	EX. PANEL 'DPM'	30		3	3#12	3/4	EXISTING PANEL 'DPM'. RE-USE FEEDER AND CIRCUIT
BLR-501 A,B	BOILER	DENOMY PENTHOUSE MECH. ROOM	FHP		3	575	MAN, PL	EX. PANEL '3A1'	15		3	3#12	3/4	REUSE BREAKERS SERVING EX. BOILERS TO BE REMOVED
BLR-502 A,B	BOILER	XAVIER BOILER ROOM	FHP		1	120	MAN	EX. PANEL 'CBC'	15		1	2#12	3/4	PROVIDE NEW BREAKERS IN PANEL 'CBC'-ONE PER BOILER
BLR-503	BOILER	MERICI BOILER ROOM	FHP		1	120	MAN	EX. PANEL 'DPM'	15		1	2#12	3/4	PROVIDE NEW BREAKER IN PANEL 'DPM'
CP-302 A,B,C,D	CIRCULATION PUMPS	XAVIER BOILER ROOM	3/4		3	208	FVNR	EX. PANEL 'CBC'	15		3	3#12	3/4	PROVIDE NEW BREAKERS IN PANEL 'CBC'-ONE PER PUMP
CP-303 A,B	CIRCULATION PUMPS	MERICI BOILER ROOM	3/4		3	208	FVNR	EX. PANEL 'DPM'	15		3	3#12	3/4	PROVIDE NEW BREAKERS IN PANEL 'DPM'

NOTES:

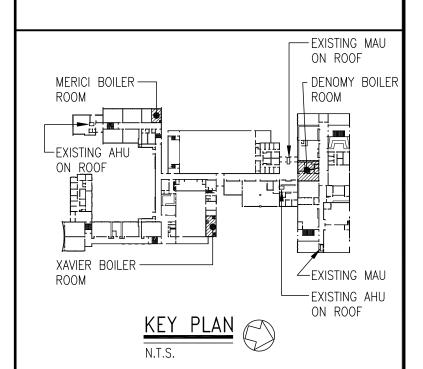
1. DIVISION 16 TO OBTAIN COPIES OF MECHANICAL EQUIPMENT SHOP DRAWINGS AND COORDINATE ELECTRICAL SERVICES.

2. PROVIDE LOCAL NON-FUSED DISCONNECT SWITCHES AT MOTORS IN ACCORDANCE WITH SECTION 28-604 OF THE ONTARIO ELECTRICAL SAFETY CODE.

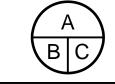
3. UNLESS INDICATED OTHERWISE ALL CONTROL WIRING IS BY DIVISION 15.

4. ALL VFD'S SHALL BE INSTALLED NEAR THE MOTORS CONTROLLED ON INDEPENDENT UNISTRUT SUPPORT AND OUTSIDE OF MCC'S UNLESS OTHERWISE NOTED.

	MOTOR CONTROL ABBREVIATIONS							
ALST	ALTERNATOR STARTER	НОА	HAND-OFF-AUTO SELECTOR SWITCH					
COMB	COMBINATION DISCONNECT SWITCH & STARTER ON WALL ADJACENT MOTOR	MAN	MANUAL STARTER					
CON	CONTACTOR	MCA	MINIMUM CIRCUIT AMPACITY					
DS	UN-FUSED DISCONNECT SWITCH	МСС	MOTOR CONTROL CENTRE					
FDS	FUSED DISCONNECT SWITCH	PL	PILOT LIGHT					
FVNR	FULL LOAD AMPS							



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ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD CHATHAM, ONTARIO

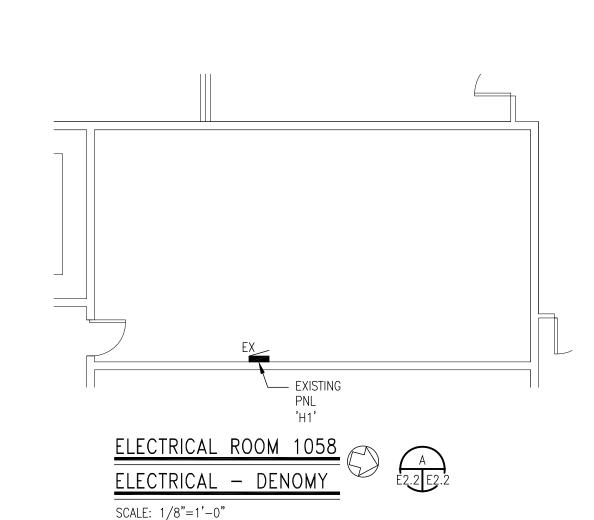
LEGEND, DRAWING LIST & SCHEDULES

JSG	MFM	MFM		
Scale	Date	Project No.	El.I	
AS NOTED	MAR. 11, 2011	6774	Rev. No.	

EXISTING MAU
ON ROOF DENOMY BOILER XAVIER BOILER -ROOM EXISTING AHU
ON ROOF Date ISSUED FOR BOARD REVIEW FEB. 16, 2011 BASMENT FLOOR PLAN 3 PJG ISSUED FOR TENDER ELECTRICAL SCALE: 1"=30'-0" GROUND FLOOR PLAN SCALE: 1"=30'-0" REPLACE EXISTING.
NOTE 1 FED FROM EXISTING PANEL 'DPM' A DETAIL NO. B DWG. NO. - WHERE REQUIRED DO NOT SCALE THE DRAWINGS. ALL MEASUREMENTS ARE TO BE CHECKED AND VERIFIED ON SITE BY THE CONTRACTOR. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK. COPYRIGHT © ALL RIGHTS RESERVED. ALL DRAWINGS AND RELATED DOCUMENTS ARE THE COPYRIGHT OF THE CONSULTANT AND MUST BE RETURNED UPON REQUEST OR AT THE COMPLETION OF THE WORK. REPRODUCTION OF THESE DRAWINGS OR RELATED DOCUMENTS IN PART OR IN WHOLE, BY ELECTRONIC OR MECHANICAL MEANS, IS FORBIDDEN BY LAW WITHOUT THE PRIOR WRITTEN PERMISSION OF THE CONSULTANT FED FROM EXISTING PANEL 'H1' E2.1 E2.2

PENTHOUSE LEVEL
MECH. ROOM 3001
ABOVE 100097735 Chorley + Bisset
CONSULTING ENGINEERS 369 YORK ST., SUITE 2B, LONDON ON, CANADA N6B 3R4 P: 519-679-8660 F: 519-679-2145 chorley.com SECOND FLOOR PLAN BOILER & AIR HANDLING UNIT REPLACEMENT URSULINE COLLEGE CHATHAM CATHOLIC SECONDARY SCHOOL SCALE: 1"=30'-0" PART ROOF PLAN ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD SCALE: 1"=40'-0" CHATHAM, ONTARIO 1. DISCONNECT EXISTING ROOF TOP AND CONNECT NEW TO EXISTING FEEDER. OVERALL PLANS PROVIDE NEW WEATHERPROOF DISCONNECT SWITCH. 2. DISCONNECT EXISTING UNIT AND COMPLETELY REMOVE EXISTING FEEDER BACK TO SOURCE. PROVIDE NEW FEEDER TO PANEL 'H1' AS SHOWN. MFM MFM Project No. MAR. 11, 2011 6774

PLOTTED SHEET SCALE



1. PROVIDE A NEW BREAKER IN EXISTING PANEL 'H1' TO SERVE MAU-501.

EXISTING PANEL IS FPE 600/347V 3PH 4W 100A.

NOTES:

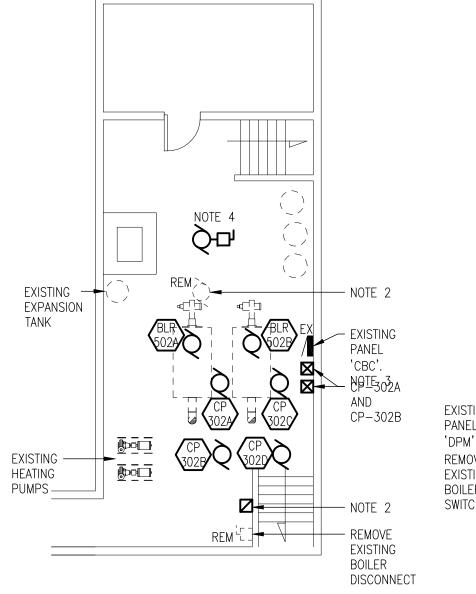
ROOF EXISTING UNIT HEATER HANDLING UNIT AIR **EXISTING** HANDLING AIR UNIT EXISTING_ HANDLING ¦ AIR HÅNDLING - - - - דואט ROOF ROOF -EXISTING PANEL NOTE 3 — '3A1' - EXISTING TRANSFORMER | _ _ _ _ _ _ _ PANEL REM_REM_ EXISTING | AIR CP-301B HANDLING | UNIT EXISTING UNIT HEATER

MECHANICAL ROOM PLAN <u>ELECTRIC</u>AL - DENOMY

SCALE: 1/8"=1'-0"

NOTES:

- 1. MAKE PROVISIONS TO REMOVE CONDUIT AND CABLE BACK TO SOURCE SERVING 2 PUMPS AND 2 BOILERS. FED FROM EXISTING PANEL '3A1'. REMOVE ALL ASSOCIATED STARTERS, ACCESSORIES AND CONTROLS.
- 2. CONNECT NEW BOILERS BLR-501A AND 501B AND PUMPS CP-301 AND CP-301B TO EXISTING 15A-3P CIRCUITS IN PANEL '3A1'.
- 3. PROVIDE NEW 600V 3PH MANUAL STARTER C/W PILOT LIGHT AND LOCKABLE TOGGLE SWITCH ATTACHMENT (ONE FOR EACH BOILER).



ELECTRICAL - XAVIER

1. REMOVE EXISTING BOILER AND ALL ASSOCIATED CONTROLS, CONDUIT,

2. PROVIDE A SINGLE PHASE MANUAL STARTER C/W LOCKABLE TOGGLE

3. EXISTING PANEL 'CBC' IS SQUARE D 120/208V 3PH 4W 225A.

SWITCH ATTACHMENT AND PILOT LIGHT TO BE ALLEN-BRADLEY CAT#

600-TAX216/600-W1 OR APPROVED EQUAL. PROVIDE A SUITABLE

4. DISCONNECT AND REMOVE EXISTING ELECTRIC UNIT HEATER. PROVIDE A

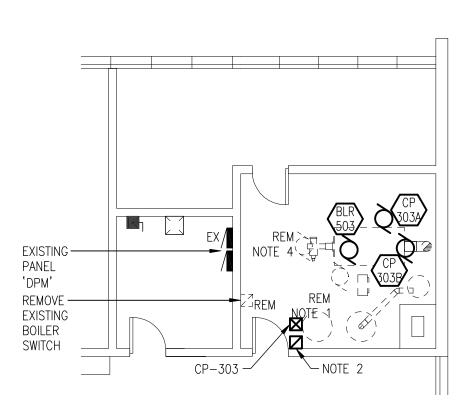
NEW 15A 1P BREAKER IN PANEL 'CBC' TO SERVE NEW UNIT HEATER.

CABLES AND ACCESSORIES BACK TO SOURCE.

ENCLOSURE. PROVIDE ONE FOR EACH BOILER.

SCALE: 1/8"=1'-0"

NOTES:

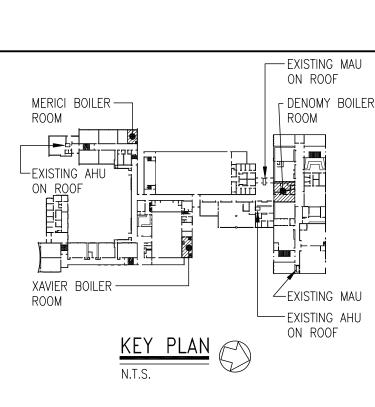


BOILER ROOM PLAN ELECTRICAL - MERICI

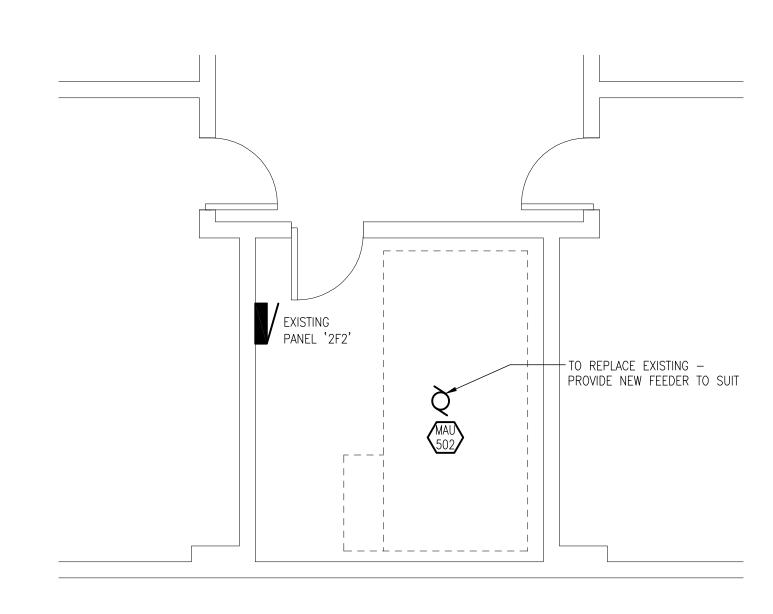
SCALE: 1/8"=1'-0"

NOTES:

- 1. REMOVE EXISTING BOILER AND ALL ASSOCIATED CONTROLS, CONDUIT, CABLES AND ACCESSORIES BACK TO SOURCE.
- 2. PROVIDE A SINGLE PHASE MANUAL STARTER C/W LOCKABLE TOGGLE SWITCH ATTACHMENT AND PILOT LIGHT TO BE ALLEN-BRADLEY CAT# 600-TAX216/600-W1 OR APPROVED EQUAL. PROVIDE A SUITABLE ENCLOSURE. PROVIDE ONE FOR EACH BOILER.
- 3. EXISTING PANEL 'DPM' IS SQUARE D 120/208V 3PH 4W 400A.
- 4. ALLOW FOR REWORKING FEEDER TO EXISTING PUMP.



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	No.	Ву	Revisions	Date
ſ	1	PJG	ISSUED FOR BOARD REVIEW	FEB. 16, 2011
	2	PJG	ISSUED FOR BOARD REVIEW	MAR. 02, 2011
Ī	3	PJG	ISSUED FOR TENDER	MAR. 14, 2011





SCALE: 1/4"=1'-0"



A DETAIL NO. B DWG. NO. - WHERE REQUIRED

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BOILER & AIR HANDLING UNIT REPLACEMENT URSULINE COLLEGE CHATHAM CATHOLIC

ST. CLAIR CATHOLIC DISTRICT SCHOOL BOARD CHATHAM, ONTARIO

SECONDARY SCHOOL

PART PLANS DENOMY, XAVIER & MERICI

MFM MFM Project No. AS NOTED MAR. 11, 2011 6774