

"Helping Build Communities"

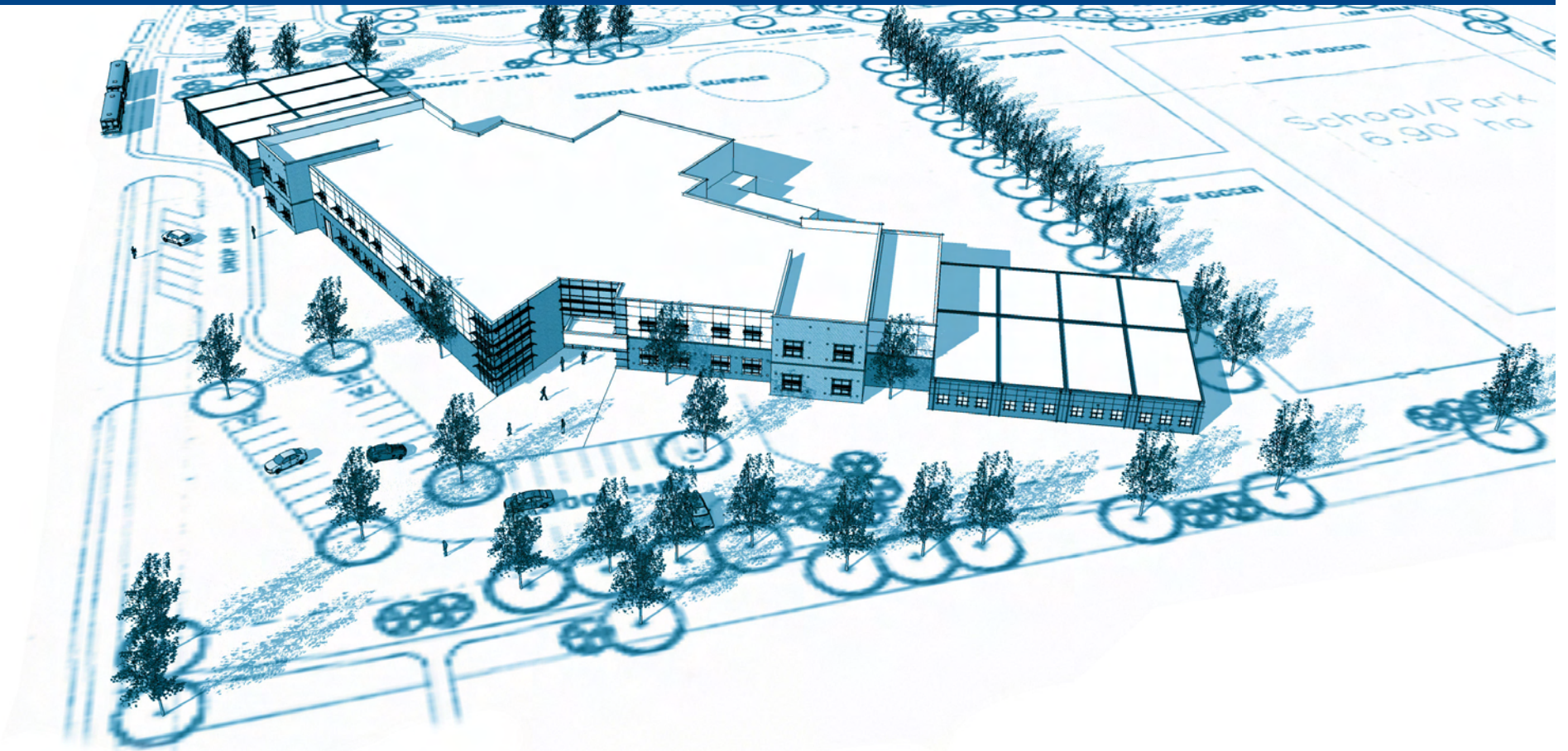


PROPOSED NEW K-9 (900 STUDENTS) CORE SCHOOL

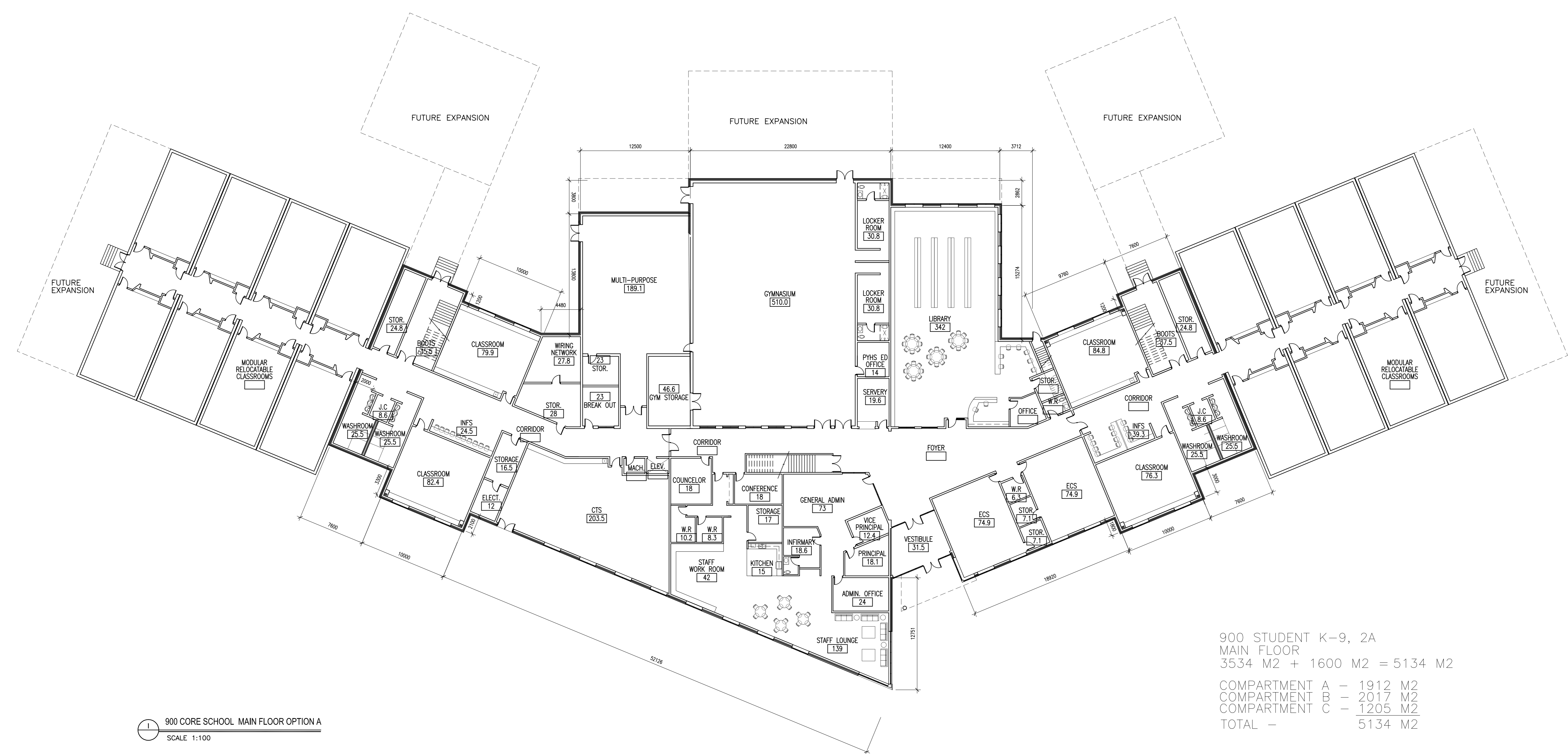
Project No. 27340

# Design Development Report

November 12, 2007



Alberta Infrastructure and Transportation



900 CORE SCHOOL MAIN FLOOR OPTION A  
SCALE 1:100

900 STUDENT K-9, 2A  
MAIN FLOOR  
3534 M2 + 1600 M2 = 5134 M2  
COMPARTMENT A - 1912 M2  
COMPARTMENT B - 2017 M2  
COMPARTMENT C - 1205 M2  
TOTAL - 5134 M2

**KEYPLAN**

1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
NO	DATE	DESCRIPTION

**REVISIONS**

SEAL / PERMIT	
PROJECT	900 CORE SCHOOL

ALBERTA

**SHEET TITLE**  
**MAIN FLOOR PLAN  
OPTION A**

Drawn CP	Checked S. Bushnell/JC
Project No. 27340	Date 31 OCTOBER 2007
Scale 1:200	Sheet No. <b>A201</b>



**BARR  
RYDER**

**ARCHITECTS  
& INTERIOR  
DESIGNERS**

210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
Fax: (780) 429-3962

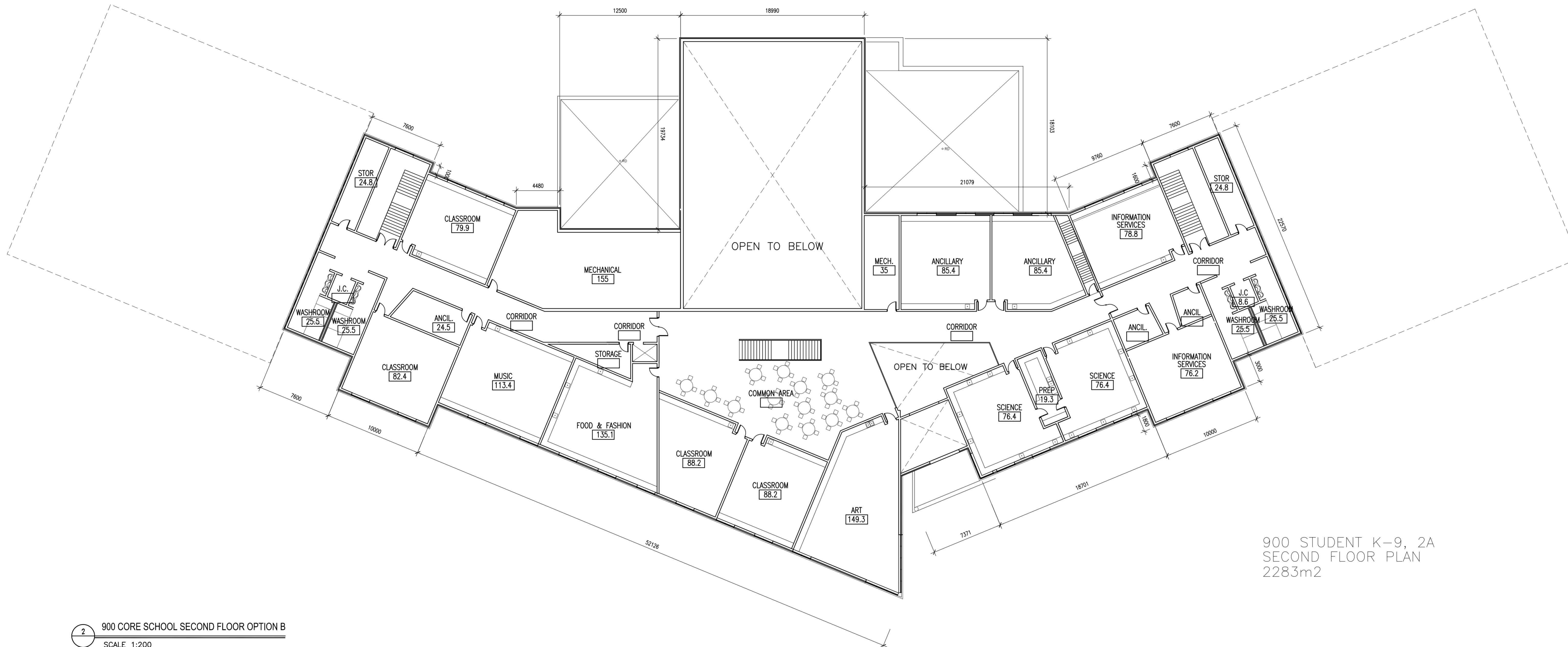
**ENGINEERING INC.**  
**HEMISPHERE**

EDMONTON • CALGARY • ATLANTA

**PROSTATIX  
ENGINEERING  
CONSULTANTS INC.**

**Alberta**  
INFRASTRUCTURE AND  
TRANSPORTATION

**KEYPLAN**



900 STUDENT K-9, 2A  
SECOND FLOOR PLAN  
228.3m<sup>2</sup>

900 CORE SCHOOL SECOND FLOOR OPTION B  
SCALE 1:200

NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

**REVISIONS**

SEAL / PERMIT

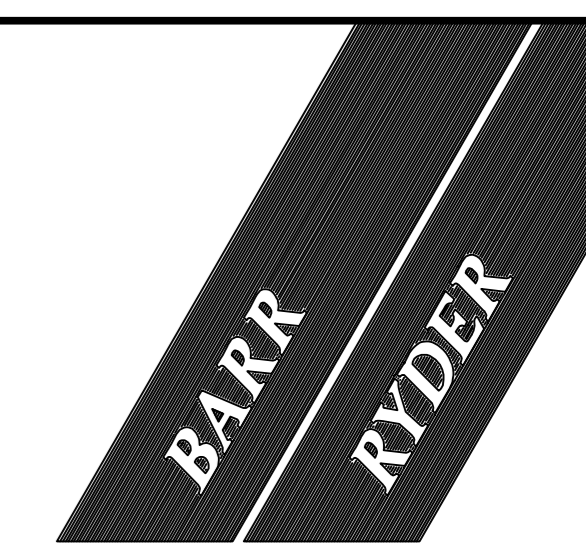
PROJECT  
**900 CORE SCHOOL**

ALBERTA  
SHEET TITLE  
**SECOND FLOOR PLAN  
OPTION B**

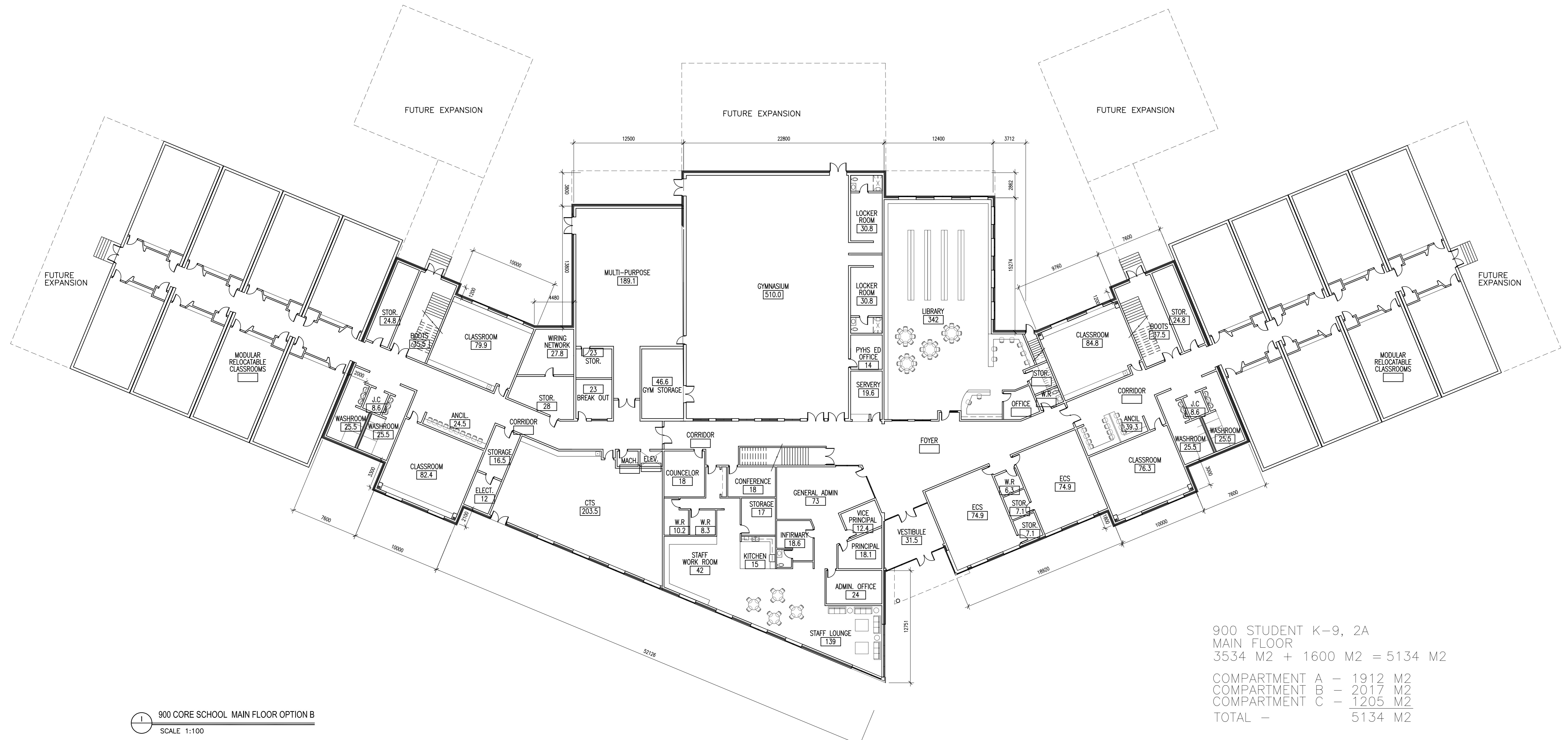
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Checked: S. Bushnell/JC  
Project No.: 27340  
Date: 31 OCTOBER 2007  
Scale: 1:200  
Sheet No.:

**A202**





**ARCHITECTS  
& INTERIOR  
DESIGNERS**  
210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
Fax: (780) 429-3962



900 CORE SCHOOL MAIN FLOOR OPTION B  
SCALE 1:100

**KEYPLAN**

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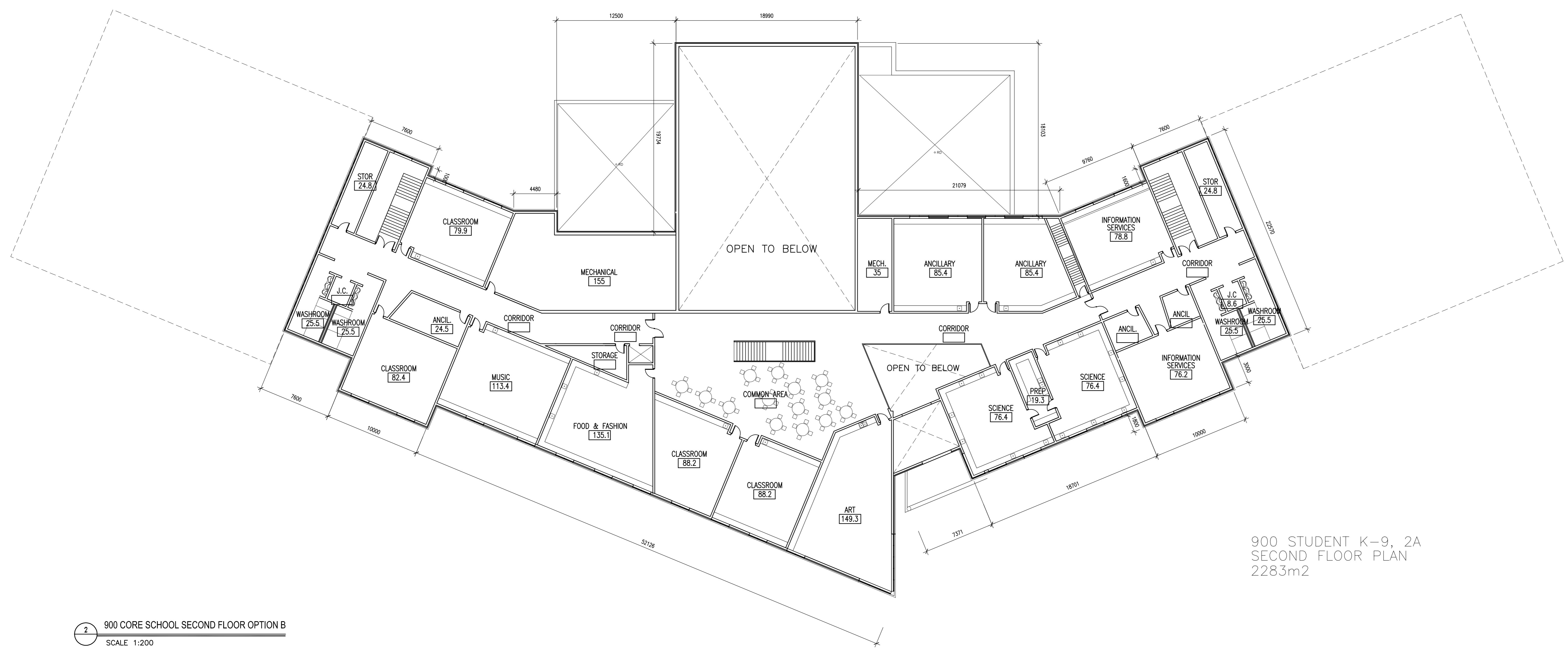
**REVISIONS**

SEAL / PERMIT

PROJECT  
**900 CORE SCHOOL**

ALBERTA  
SHEET TITLE  
**MAIN FLOOR PLAN  
OPTION B**

Drawn CP	Checked S. Bushnell/JC
Project No. 27340	Date 31 OCTOBER 2007
Scale 1:200	Sheet No. <b>A203</b>



900 STUDENT K-9, 2A  
SECOND FLOOR PLAN  
2283m<sup>2</sup>

900 CORE SCHOOL SECOND FLOOR OPTION B  
SCALE 1:200

**KEYPLAN**


NO	DATE	DESCRIPTION
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**REVISIONS**

SEAL / PERMIT

PROJECT  
**900 CORE SCHOOL**

ALBERTA  
SHEET TITLE  
**SECOND FLOOR PLAN  
OPTION B**

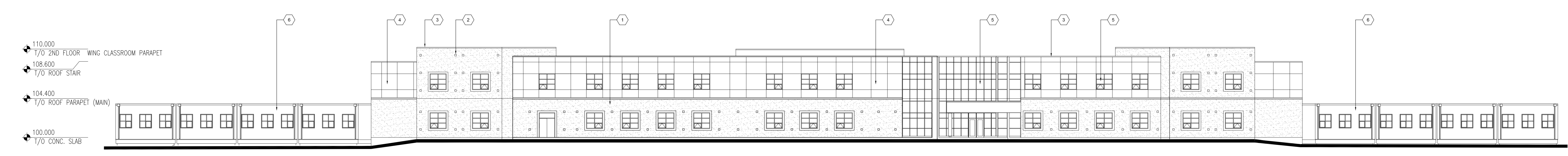
Drawn CP	Checked S. Bushnell/JC
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Project No. 27340	Date 31 OCTOBER 2007
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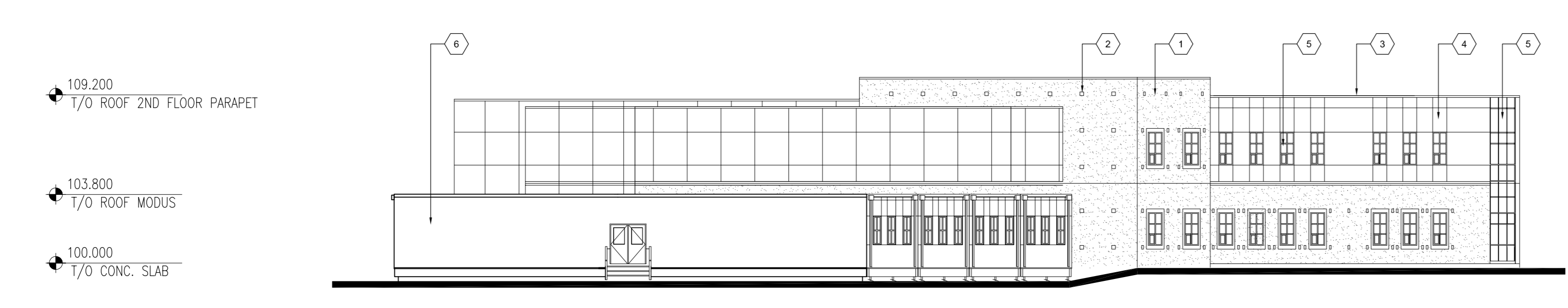
Scale 1:200	Sheet No. <b>A204</b>
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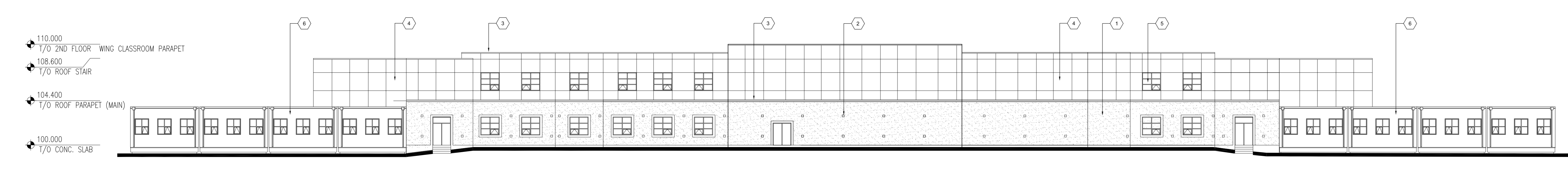
**1 RIGHT SIDE ELEVATION**  
SCALE: 1:200



**2 FRONT ELEVATION**  
SCALE: 1:200



**3 LEFT SIDE ELEVATION**  
SCALE: 1:200



**4 BACK ELEVATION**  
SCALE: 1:200

- KEYNOTES THIS SHEET ONLY:**
- ① PREFINISHED CONCRETE MASONRY
  - ② PREFINISHED CONCRETE MASONRY ACCENT
  - ③ PRE FINISHED METAL FLASHING
  - ④ EXTERIOR INSULATION AND FINISH SYSTEM (EIFS)
  - ⑤ DOUBLE GLAZED, THERMAL, ALUMINUM ANODIZED WINDOWS
  - ⑥ PRE FINISHED CEMENTITIOUS PANEL

NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

**REVISIONS**

SEAL / PERMIT

PROJECT  
**900 CORE SCHOOL**

ADDRESS  
**BUILDING  
ELEVATIONS**

Drawn CP	Checked S. Bushne@UC
Project No. 27340	Date 31 OCTOBER 2007
Scale 1:200	Sheet No. <b>A301</b>



**KEYPLAN**

1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
NO	DATE	DESCRIPTION

**REVISIONS**

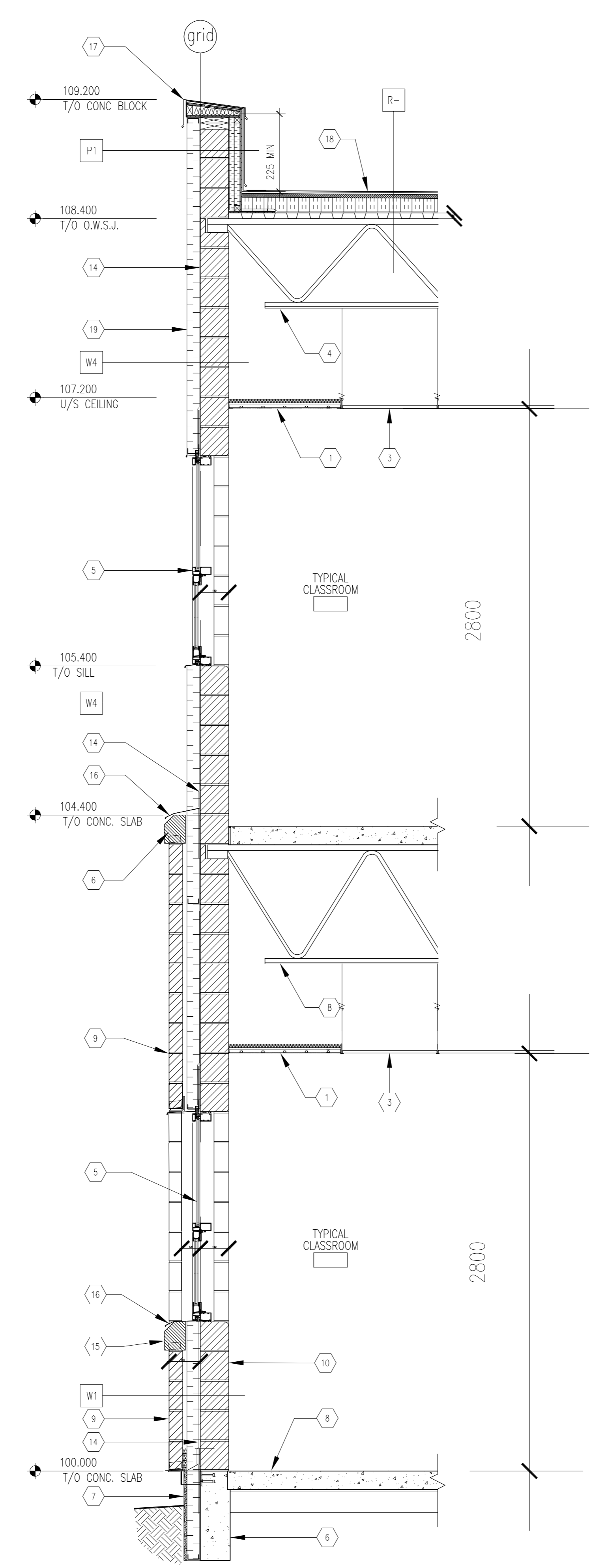
SEAL / PERMIT

PROJECT  
**900 CORE SCHOOL**

ALBERTA

SHEET TITLE  
**BUILDING  
SECTIONS**

Drawn CP	Checked S. Bushnell/JC
Project No. 27340	Date 31 OCTOBER 2007
Scale AS SHOWN	Sheet No. <b>A401</b>



**1** TYPICAL CLASSROOM WING WINDOW WALL SECTION

**KEYNOTES THIS SHEET ONLY:**

- 1 SUSPENDED RADIANT HEAT PANEL
- 2 CABINET
- 3 SUSPENDED ACOUSTIC TILE CEILING
- 4 ROOF STRUCTURE SEE STRUCTURAL DRAWINGS
- 5 DOUBLE GLAZED THERMALLY BROKEN CLEAR ANOD. ALUM. CURTAINWALL FRAME WINDOW W/OPERABLE AWNING UNIT
- 6 CONCRETE GRADE BEAM ON CAISSONS
- 7 16mm CEMENT BOARD ON 50mm Z-BARS, 50mm RIGID INSULATION, AIR/VAPOUR BARRIER TO FACE OF GRADE BEAM
- 8 FLOOR STRUCTURE SEE STRUCTURAL DRAWINGS
- 9 90mm CONCRETE BLOCK VENEER
- 10 190mm CONCRETE BLOCK
- 11 125 mm RIGID INSULATION
- 12 140 mm CONCRETE CHAMFER BLOCK SILL
- 13 50mm STIFFENED METAL PANEL ON 19mm GALV. STL BATTENS ON Z BAR FRAMING
- 14 AIR/VAPOUR BARRIER
- 15 150mm CHAMFER BLOCK SILL
- 16 PREFINISHED METAL FLASHING
- 17 PREFINISHED METAL CAP
- 18 TPO ROOF MEMBRANE ON FIBERBOARD/POSITIVE SLOPE INSULATION
- 19 EIFS STUCCO ON 90mm RIGID INSULATION

**ROOF TYPES:**

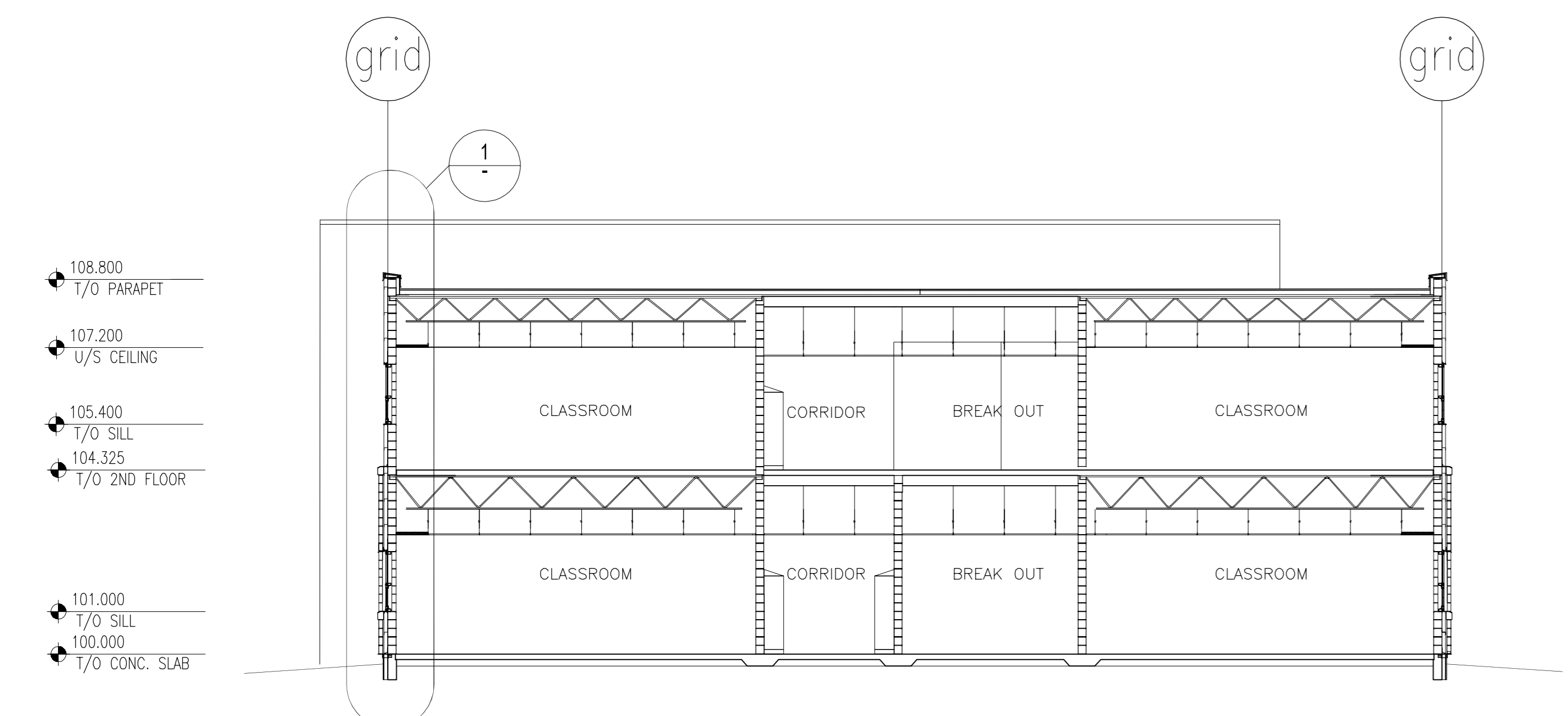
- R1 SBS ROOF MEMBRANE  
25mm FIBRE BOARD  
POSITIVE SLOPED RIGID INSULATION  
(WHERE INDICATED SEE ROOF PLAN)  
150mm MIN. RIGID INSULATION ON  
VAPOUR BARRIER MEMBRANE  
13mm GYPSUM BOARD SHEATHING  
38mm STEEL ROOF DECK ON  
STEEL STRUCTURE SLOPED TO DRAIN

**WALL TYPES:**

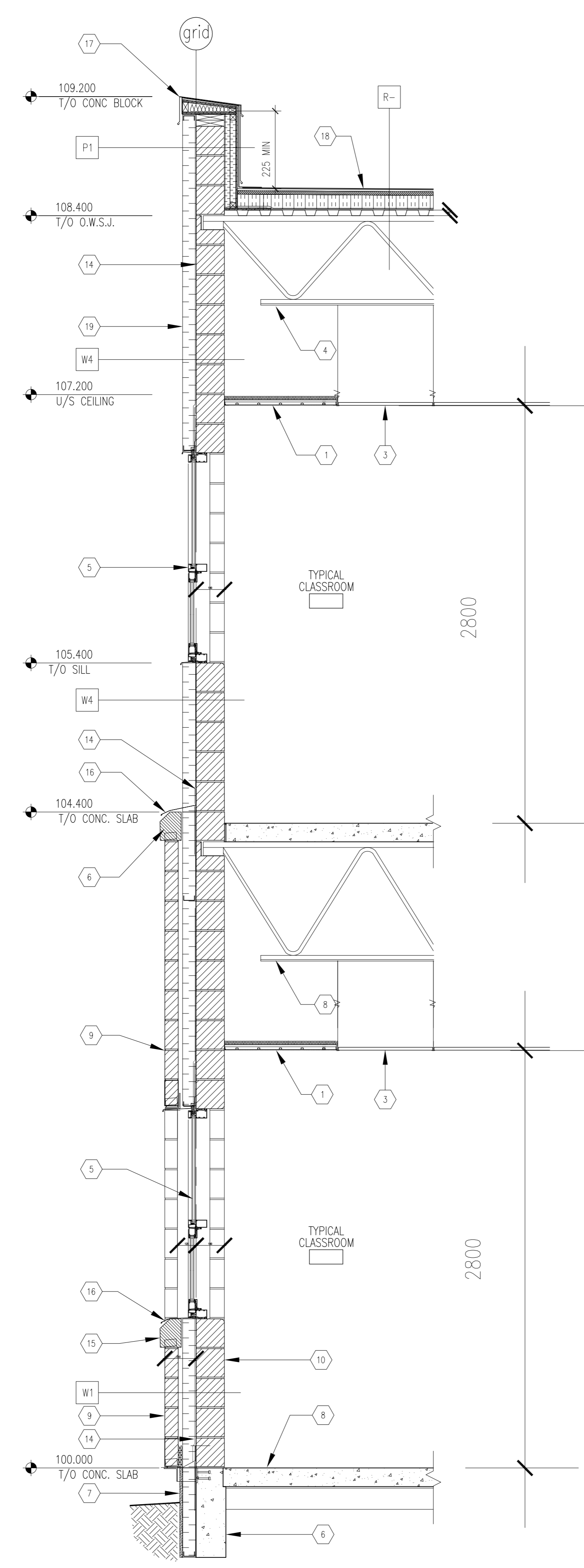
- W1 90mm ARCHITECTURAL BLOCK VENEER  
30mm AIR SPACE  
90mm RIGID INSULATION  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK
- W2 90mm ARCHITECTURAL BLOCK VENEER  
30mm AIR SPACE  
90mm RIGID INSULATION  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK
- W4 EIFS RAINSCREEN SYSTEM  
ACRYLIC STUCCO FINISH ON  
100mm RIGID INSULATION c/w  
MOISTURE DRAINAGE CHANNELS  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK
- W5 PRE-FINISHED STIFFENED 50mm ALUMINUM  
PANELS ON 19 mm SUBRAMING ON  
GALV. Z BAR FRAMING, 100mm  
POLYISOCYANURATE INSULATION  
PEEL AND STICK AIR-VAPOUR  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK

**PARAPET TYPES:**

- P1 PREFINISHED METAL COPING FLASHING  
INCLUDING COUNTERFLASHING.  
CARRY SBS ROOF MEMBRANE FROM ROOF  
TO TOP OF WOOD COPING.  
190 CONCRETE BLOCK  
AIR/ VAPOUR BARRIER  
50mm STIFFENED METAL PANEL ON 19 mm  
GALV. STEEL BATTENS AND Z GRIT FRAMING  
100mm RIGID INSULATION c/w  
MOISTURE DRAINAGE CHANNELS  
AIR/VAPOUR BARRIER MEMBRANE  
190 CONCRETE BLOCK
- P2 PREFINISHED METAL COPING FLASHING  
INCLUDING COUNTERFLASHING.  
CARRY SBS ROOF MEMBRANE FROM ROOF  
TO TOP OF WOOD COPING.  
WOOD COPING TO CONSIST OF  
13mm EXT. GRADE PLYWOOD ON  
PRESSURE TREATED WOOD BLOCKING  
ON 16mm EXTERIOR GRADE PLYWOOD  
FILL VOID WITH INSULATION.  
FASTENED TO EXTERIOR 13mm GYPSUM SHEATHING  
TO TOP TRACK OF METAL STUD.  
38mm X 89mm PRESSURE TREATED WOOD BLOCKING  
FASTENED TO SHEATHING  
90mm ARCHITECTURAL BLOCK  
30mm AIR SPACE  
AIR/VAPOUR BARRIER MEMBRANE  
13mm EXT. GYPSUM BOARD SHEATHING  
152mm STEEL STUDS @ 400mm O.C.  
R20 BATT INSULATION  
16mm ABUSE RESISTANT GYPSUM BOARD  
38mm X 38mm PRESSURE TREATED WOOD  
STUD @ 400 O.C.  
FILL VOID W/ RIGID INSULATION ON  
13mm EXTERIOR GRADE PLYWOOD  
TPO ROOF MEMBRANE



**1** BUILDING SECTION  
SCALE 1:200



1 TYPICAL CLASSROOM WING WINDOW WALL SECTION

**KEYNOTES THIS SHEET ONLY:**

- 1 SUSPENDED RADIANT HEAT PANEL
- 2 CABINET
- 3 SUSPENDED ACOUSTIC TILE CEILING
- 4 ROOF STRUCTURE SEE STRUCTURAL DRAWINGS
- 5 DOUBLE GLAZED THERMALLY BROKEN CLEAR ANOD. ALUM. CURTAINWALL FRAME WINDOW W/OPERABLE AWNING UNIT
- 6 CONCRETE GRADE BEAM ON CAISSONS
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- 14 AIR/VAPOUR BARRIER
- 15 150mm CHAMFER BLOCK SILL
- 16 PREFINISHED METAL FLASHING
- 17 PREFINISHED METAL CAP
- 18 TPO ROOF MEMBRANE ON FIBERBOARD/POSITIVE SLOPE INSULATION
- 19 EIFS STUCCO ON 90mm RIGID INSULATION

**ROOF TYPES:**

- R1 SBS ROOF MEMBRANE  
25mm FIBRE BOARD  
POSITIVE SLOPED RIGID INSULATION (WHERE INDICATED SEE ROOF PLAN)  
150mm MIN. RIGID INSULATION ON VAPOUR BARRIER MEMBRANE  
13mm GYPSUM BOARD SHEATHING  
38mm STEEL ROOF DECK ON STEEL STRUCTURE SLOPED TO DRAIN

**WALL TYPES:**

- W1 90mm ARCHITECTURAL BLOCK VENEER  
30mm AIR SPACE  
90mm RIGID INSULATION  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK
- W2 90mm ARCHITECTURAL BLOCK VENEER  
30mm AIR SPACE  
90mm RIGID INSULATION  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK
- W4 EIFS RAINSCREEN SYSTEM  
ACRYLIC STUCCO FINISH ON  
100mm RIGID INSULATION c/w  
MOISTURE DRAINAGE CHANNELS  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK
- W5 PRE-FINISHED STIFFENED 50mm ALUMINUM PANELS ON 19 mm SUBRAMING ON GALV. Z BAR FRAMING, 100mm POLYISOCYANURATE INSULATION  
PEEL AND STICK AIR-VAPOUR BARRIER MEMBRANE  
AIR/VAPOUR BARRIER MEMBRANE  
190mm CONCRETE BLOCK

**PARAPET TYPES:**

- P1 PREFINISHED METAL COPING FLASHING INCLUDING COUNTERFLASHING.  
CARRY SBS ROOF MEMBRANE FROM ROOF TO TOP OF WOOD COPING.  
190 CONCRETE BLOCK  
AIR/VAPOUR BARRIER  
50mm STIFFENED METAL PANEL ON 19 mm GALV. STEEL BATTENS AND Z GRIT FRAMING  
100mm RIGID INSULATION c/w  
MOISTURE DRAINAGE CHANNELS  
AIR/VAPOUR BARRIER MEMBRANE  
190 CONCRETE BLOCK
- P2 PREFINISHED METAL COPING FLASHING INCLUDING COUNTERFLASHING.  
CARRY SBS ROOF MEMBRANE FROM ROOF TO TOP OF WOOD COPING.  
WOOD COPING TO CONSIST OF  
13mm EXT. GRADE PLYWOOD ON PRESSURE TREATED WOOD BLOCKING  
ON 16mm EXTERIOR GRADE PLYWOOD  
FILL VOID WITH INSULATION.  
FASTENED TO EXTERIOR 13mm GYPSUM SHEATHING TO TOP TRACK OF METAL STUD.  
38mm X 89mm PRESSURE TREATED WOOD BLOCKING  
FASTENED TO SHEATHING  
90mm ARCHITECTURAL BLOCK  
30mm AIR SPACE  
AIR/VAPOUR BARRIER MEMBRANE  
13mm EXT. GYPSUM BOARD SHEATHING  
152mm STEEL STUDS @ 400mm O.C.  
R20 BATT INSULATION  
16mm ABUSE RESISTANT GYPSUM BOARD  
38mm X 38mm PRESSURE TREATED WOOD STUD @ 400 O.C.  
FILL VOID W/ RIGID INSULATION ON 13mm EXTERIOR GRADE PLYWOOD  
TPO ROOF MEMBRANE

NO	DATE	DESCRIPTION
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**REVISIONS**

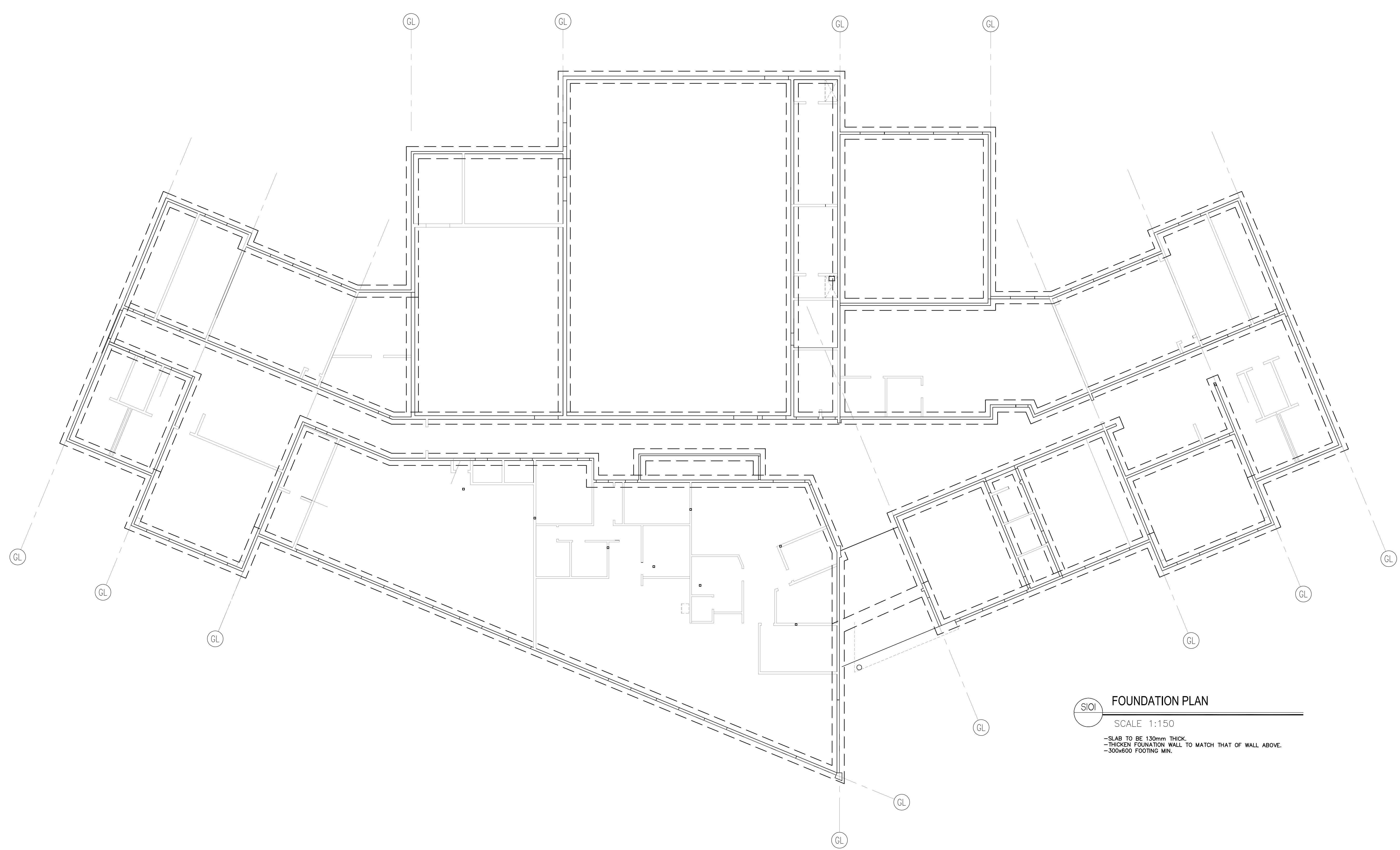
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PROJECT  
**900 CORE  
SCHOOL**

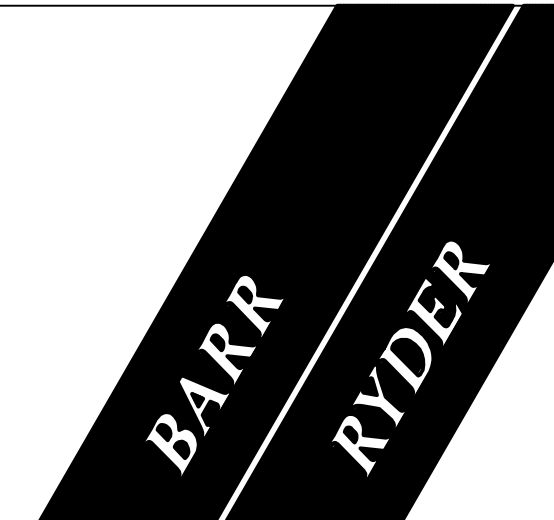
ADDRESS

SHEET TITLE  
**WALL SECTION**

Drawn CP	Checked S. Bushnell/JC
Project No. 27340	Date 31 OCTOBER 2007
Scale 1:20	Sheet No. <b>A403</b>



**FOUNDATION PLAN**  
 SCALE 1:150  
 -SLAB TO BE 100mm THICK.  
 -THICKEN FOUNDATION WALL TO MATCH THAT OF WALL ABOVE.  
 -300x600 FOOTING MIN.



**ARCHITECTS  
& INTERIOR  
DESIGNERS**  
 210, 10190 - 104 St.  
 Edmonton, Alberta  
 Canada T5J 1A7  
 Tel: (780) 423-8606  
 Fax: (780) 429-3962

**ENGINEERING INC.  
HEMISPHERE**  
CONSULTING ENGINEERS  
- EDMONTON - CALGARY - ALBERTA -  
 10050 - 119 Street, Edmonton, Alberta, T5H 3P5  
 TEL: (780) 423-1800 FAX: (780) 423-5205  
 NEW 037175

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 NEW 037175

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**KEYPLAN**

NO.	DATE	DESCRIPTION
1	10/31/07	ISSUED FOR FINAL DESIGN DEVELOPMENT

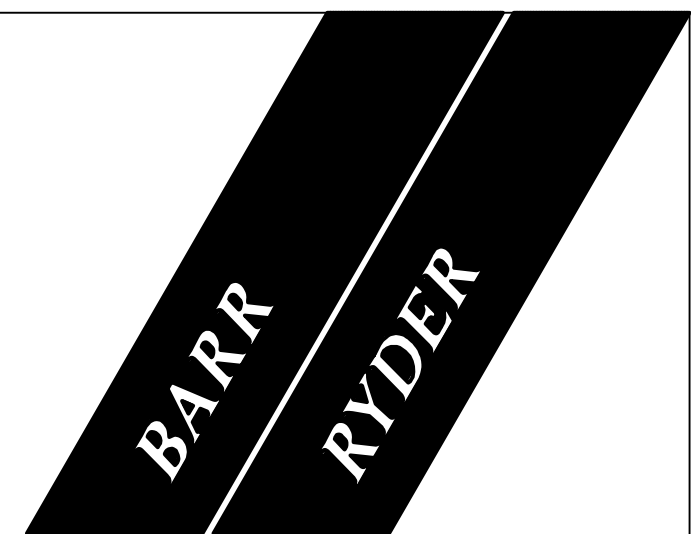
**REVISIONS**

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PROJECT  
**900 STUDENT  
 K-9 CORE SCHOOL**

ALBERTA  
 SHEET TITLE  
**FOUNDATION PLAN**

Drawn	Checked
DAC	CAL
Project No.	Date
07-2286	OCT 31/07
Scale	Sheet No.
1:150	<b>S101</b>



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& INTERIOR  
DESIGNERS

210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
Fax: (780) 429-3962

ENGINEERING INC.  
**HEMISPHERE**

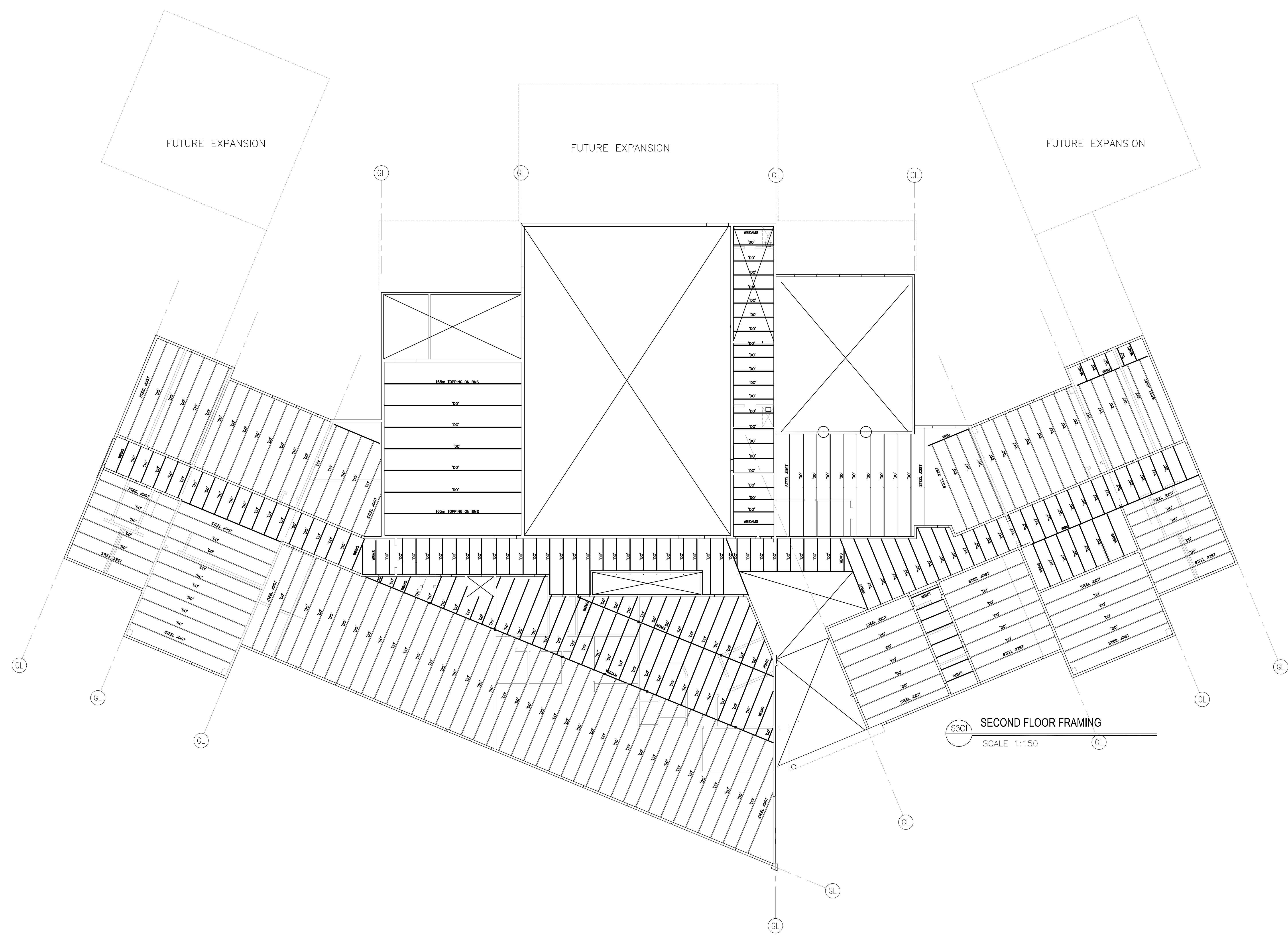
CONSULTING ENGINEERS  
"EDMONTON-CALGARY-ATLANTA"  
10050 - 119 Street, Edmonton, Alberta, T5H 3P5  
TEL: (780) 423-1800 FAX: (780) 423-5205  
NEW 03/15

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KEYPLAN



S201 SECOND FLOOR FRAMING  
SCALE 1:150

NO	DATE	DESCRIPTION
1	10/31/07	ISSUED FOR FINAL DESIGN DEVELOPMENT

REVISIONS

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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**  
ALBERTA

SHEET TITLE  
**SECOND FLOOR  
FRAMING PLAN**

Drawn	Checked
DAC	CAL
Project No.	Date
07-2286	OCT 31/07
Scale	Sheet No.
1:150	<b>S201</b>



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210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
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ENGINEERING INC.  
**HEMISPHERE**

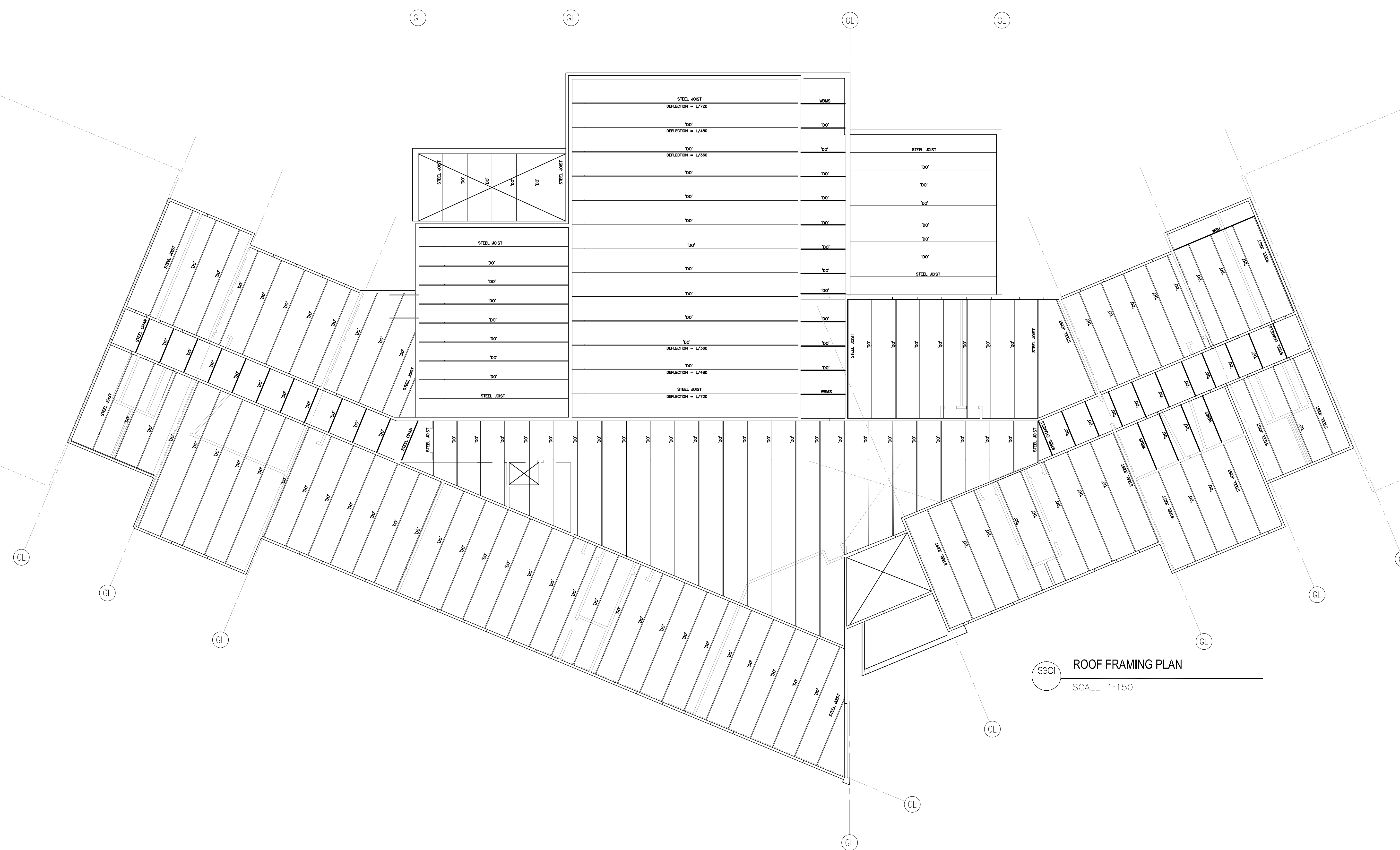
CONSULTING ENGINEERS  
- EDMONTON - CALGARY - LETHBRIDGE -  
10050 - 119 Street, Edmonton, Alberta, T5H 3P5  
TEL: (780) 423-1800 FAX: (780) 423-5205  
NEW 537175

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ENGINEERING  
CONSULTANTS INC.

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TEL: (780) 423-1800 FAX: (780) 423-5205  
NEW 537175

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KEYPLAN




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REVISIONS

SEAL / PERMIT

PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

ALBERTA

SHEET TITLE  
**ROOF FRAMING PLAN**

Drawn	Checked
DAC	CAL
Project No.	Date
07-2286	OCT 31/07
Scale	Sheet No.
1:150	<b>S301</b>

**KEYPLAN**

1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
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**REVISIONS**

SEAL / PERMIT
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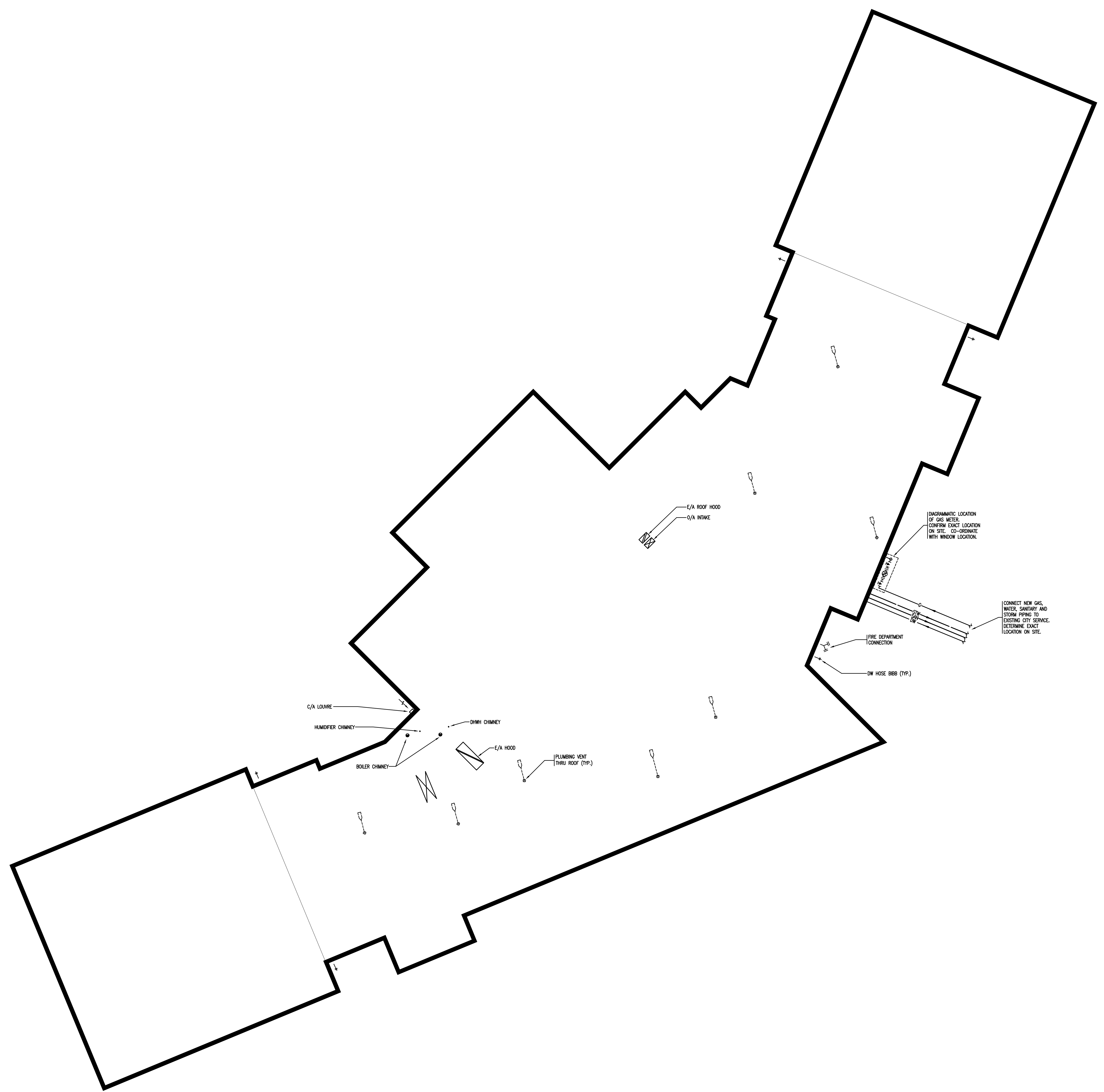
**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**

**SHEET TITLE**  
**MECHANICAL BLOCK  
PLAN**

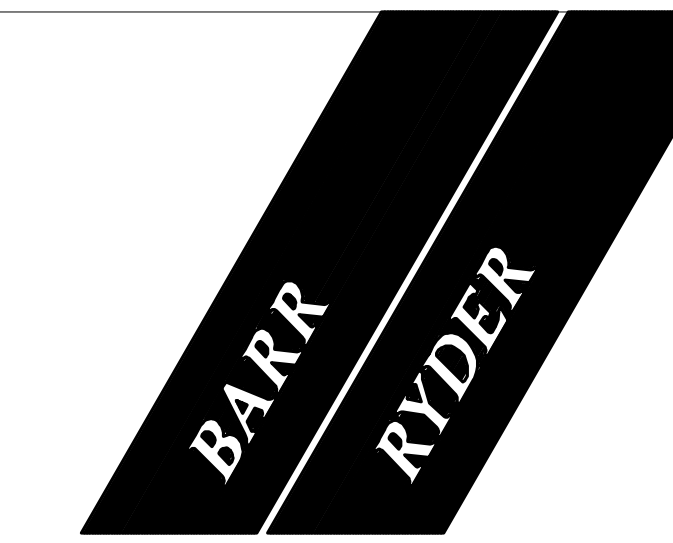
Drawn <b>WMH</b>	Checked <b>DJC</b>
Project No. <b>E07175</b>	Date <b>September 18, 2007</b>

Scale <b>1:200</b>	Sheet No. <b>M01</b>
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MECHANICAL LEGEND	
ELBOW RISING	
TOP TAKEOFF	
BOTTOM TAKEOFF	
ELBOW DROPPING	
SHUTOFF VALVE	
SHUTOFF VALVE VERTICAL MOUNT	
THROTTLING VALVE	
CHECK VALVE	
PLUG VALVE	
2-WAY CONTROL VALVE	
3-WAY CONTROL VALVE	
MECHANICAL PRESSURE REDUCING VALVE	
RELIEF VALVE	
UNION OR FLANGE	
FLEXIBLE CONNECTION	
AUTOMATIC AIR VENT	
STRAINER	
CAP OR PLUG	
PUMP	
NEW THERMOSTAT/THERMOSTAT C/W GUARD	
SWITCH	
THERMOMETER/THERMOMETER & PRESSURE WELL	
PRESSURE GAUGE/PRESSURE TAP	
FLOW METER	
FLOW SWITCH	
FIRE EXTINGUISHER C/W CABINET (TYPE NOTED)	
FIRE HOSE CABINET	
SIAMOSE CONNECTION	
SANITARY DRAIN	
STORM DRAIN	
VENT PIPE	
ACID WASTE	
ACID VENT	
INDIRECT DRAIN	
DOMESTIC COLD WATER	
DOMESTIC HOT WATER	
DOMESTIC HOT WATER RECIRC.	
TEMPERED WATER	
GAS-LOW PRESSURE	
CLEANOUT	
FLOOR DRAIN	
HUB DRAIN	
ROOF DRAIN	
PLUMBING FIXTURE (TYPE NOTED)	
REDUCED BACKFLOW PRESSURE ASSEMBLY	
SANITARY VENT CAP	
RUNNING TRAP	
P-TRAP	
FIRE HYDRANT	
MANHOLE	
CATCH BASIN	
SUPPLY DUCT (UP & DOWN)	
RETURN DUCT (UP & DOWN)	
EXHAUST (UP & DOWN)	
ROUND DUCT (UP & DOWN)	
FLEXIBLE DUCT CONNECTION	
BALANCING DAMPER	
OPPOSED BLADE DAMPERS	
MOTORIZED DAMPER	
SUPPLY OUTLET	
DIFFUSER	
RETURN OR EXHAUST INLET (WALL TYPE)	
FIRE DAMPER OR SMOKE DAMPER	
TURNING VANES	
ACOUSTIC LINED DUCTWORK	
ACCESS DOOR	
AIR OUTLET OR INLET	
RADIANT PANEL	
RADIATION	



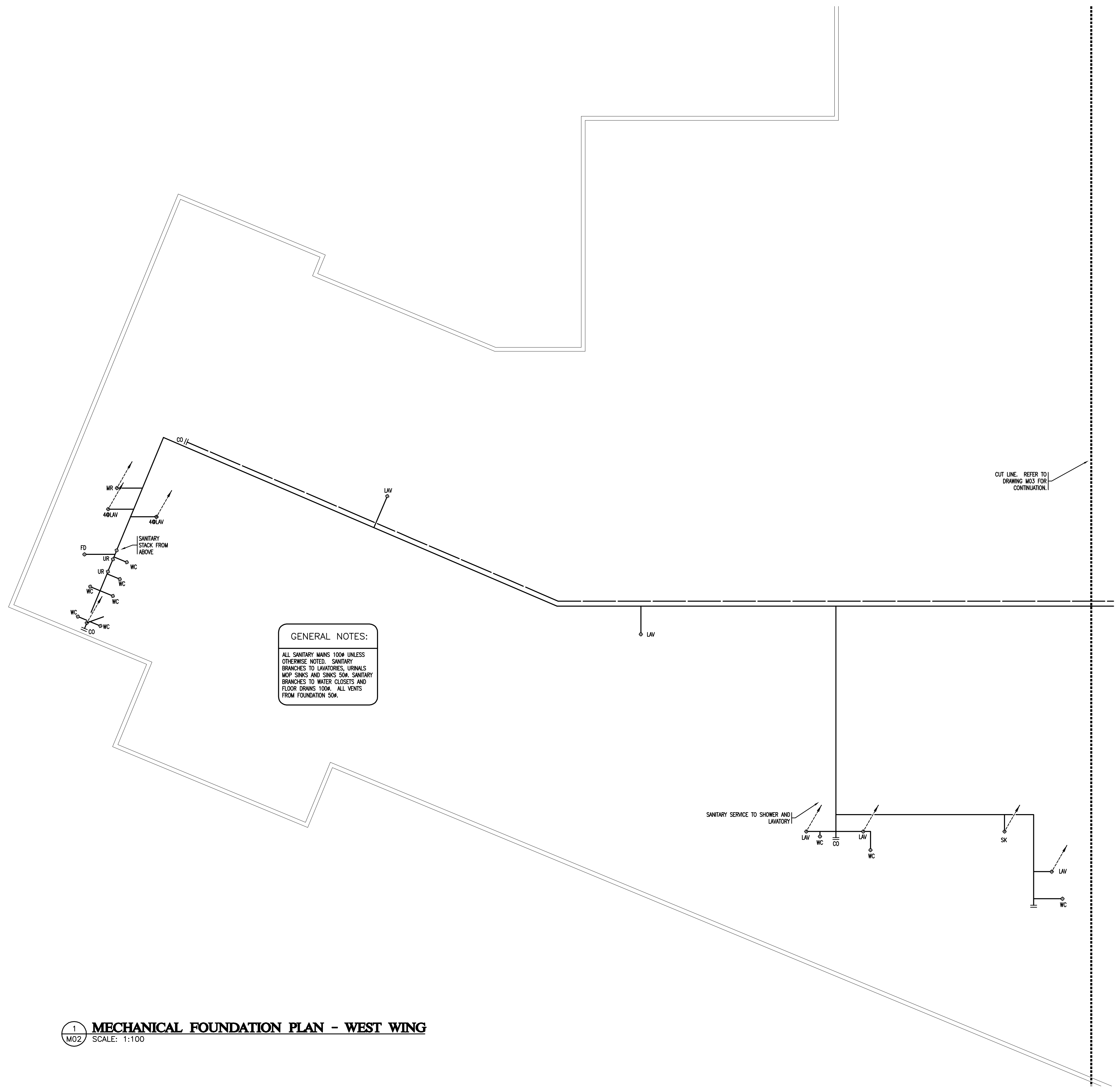
**MECHANICAL BLOCK PLAN**  
SCALE: 1:200



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**MECHANICAL FOUNDATION PLAN - WEST WING**  
SCALE: 1:100

**KEYPLAN**


NO	DATE	DESCRIPTION
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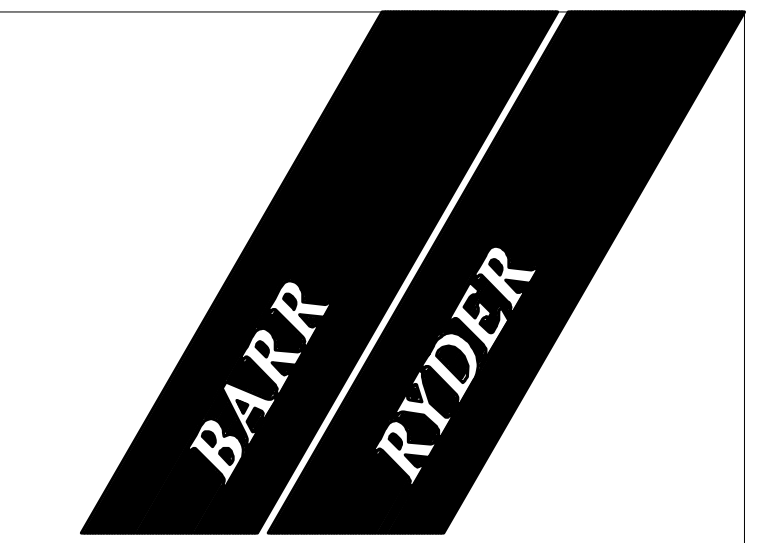
**PROJECT**  
900 STUDENT  
K-9 CORE SCHOOL

**SHEET TITLE**  
MECHANICAL  
FOUNDATION PLAN -  
WEST WING

Drawn WMH	Checked D.J.C
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Project No. E07175	Date September 16, 2007
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Scale 1:100	Sheet No. <b>M02</b>
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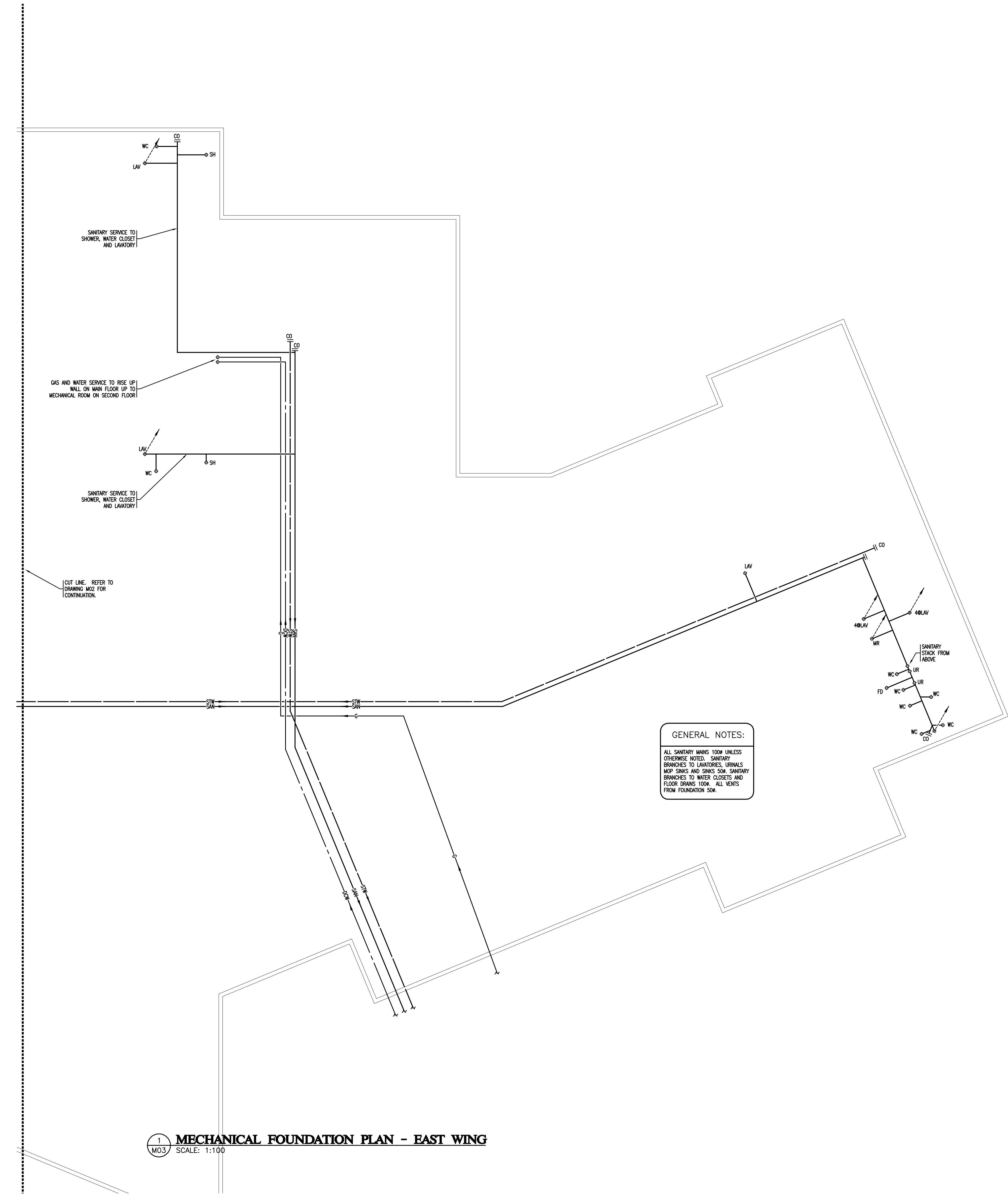
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KEYPLAN



1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
NO	DATE	DESCRIPTION

**REVISIONS**

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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**MECHANICAL  
FOUNDATION PLAN -  
EAST WING**

Drawn <b>VMH</b>	Checked <b>DJC</b>
Project No. <b>E07175</b>	Date <b>September 18, 2007</b>

Scale <b>1:100</b>	Sheet No. <b>M03</b>
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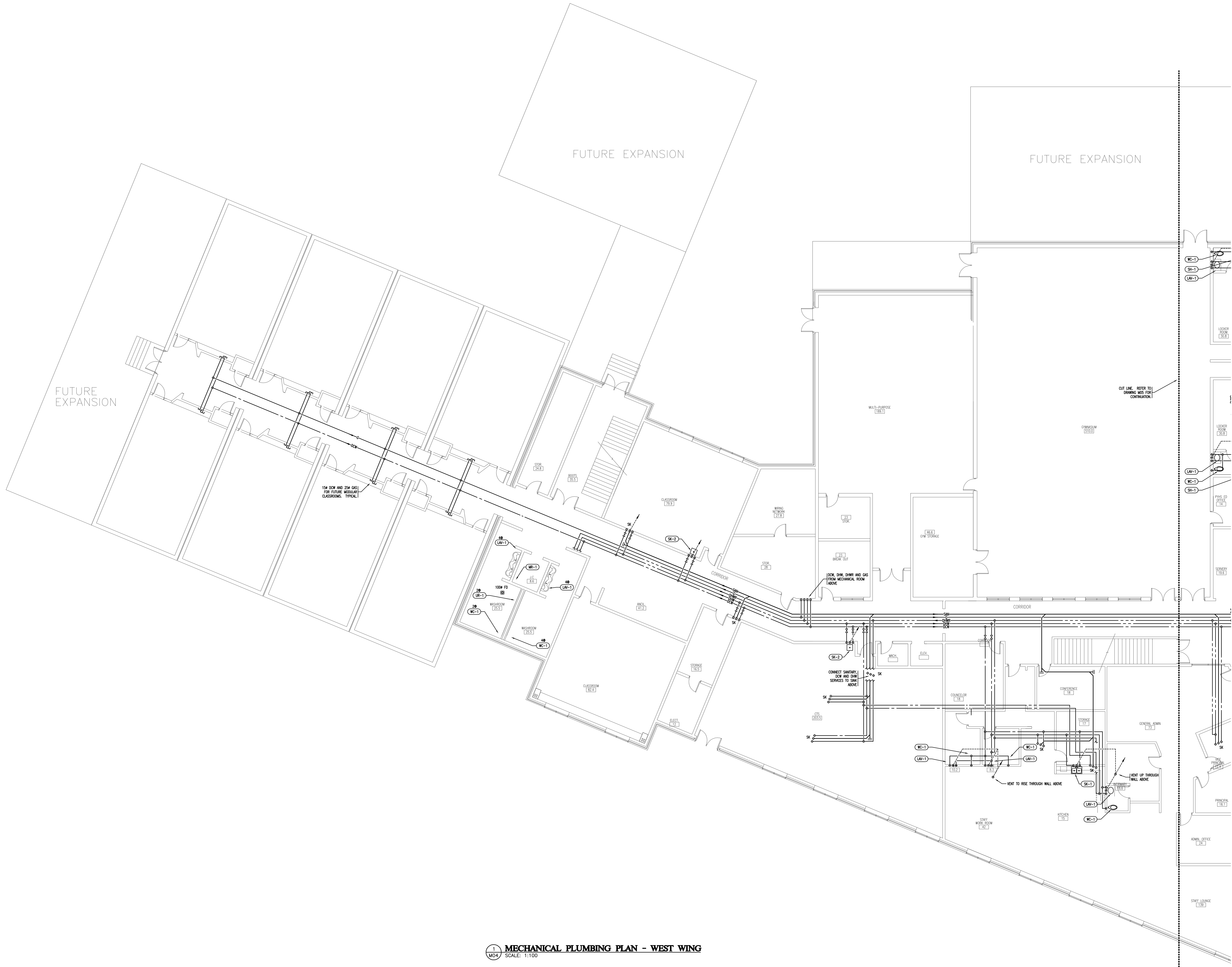
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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

ALBERTA  
SHEET TITLE  
**MECHANICAL  
PLUMBING PLAN -  
WEST WING**

Drawn  
WMH  
Checked  
D.J.C.

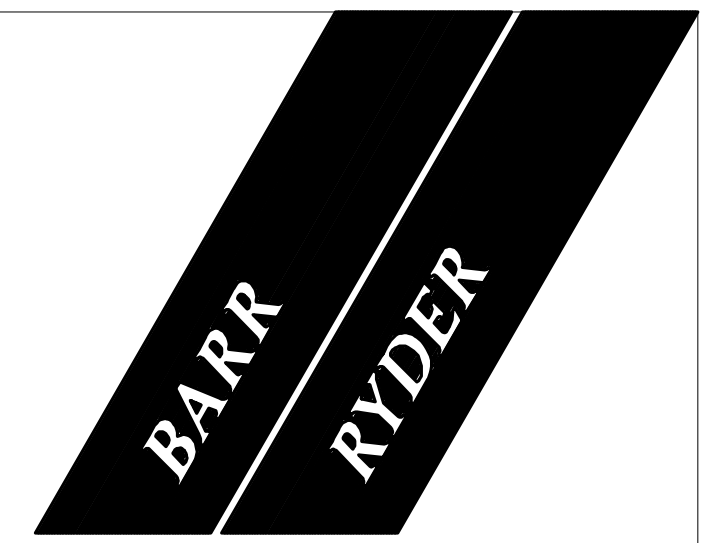
Project No.  
E07175  
Date  
September 18, 2007

Scale  
1:100  
Sheet No.  
**M04**

**MECHANICAL PLUMBING PLAN - WEST WING**  
SCALE: 1:100



**MECHANICAL PLUMBING PLAN - EAST WING**  
SCALE: 1:100



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**PROJECT**  
**900 STUDENT K-9 CORE SCHOOL**

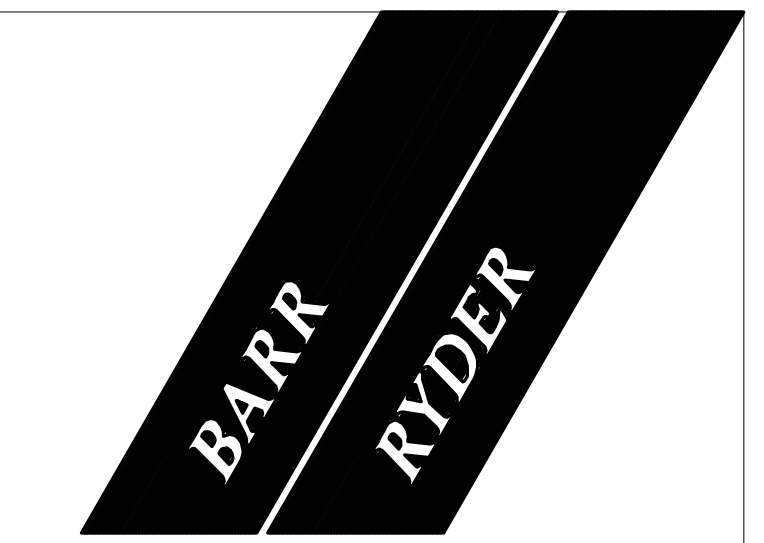
ALBERTA

**SHEET TITLE**  
**MECHANICAL PLUMBING PLAN - EAST WING**

Drawn WMH	Checked D.J.C
Project No. E07175	Date September 18, 2007

Scale  
1:100

Sheet No.  
**M05**



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PROJECT  
**900 STUDENT K-9 CORE SCHOOL**  
ALBERTA

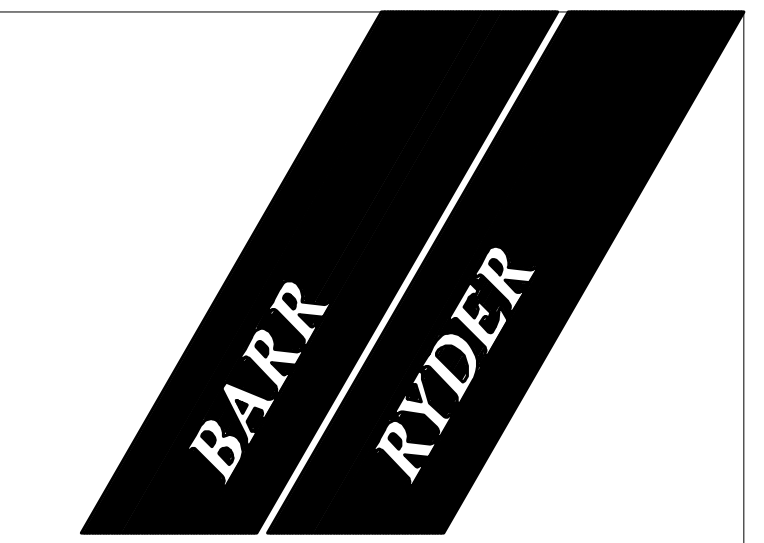
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**MECHANICAL SECOND FLOOR PLUMBING PLAN - WEST WING**

Drawn: WMH Checked: D.J.C.

Project No.: E07175 Date: September 18, 2007

Scale: 1:100 Sheet No.: M06

**MECHANICAL SECOND FLOOR PLUMBING PLAN - WEST WING**  
SCALE: 1:100



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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**MECHANICAL SECOND  
FLOOR PLUMBING  
PLAN - EAST WING**

Drawn  
WMH

Checked  
D.J.C

Project No.  
E07175

Date  
September 18, 2007

Scale  
1:100

Sheet No.  
**M07**

**MECHANICAL SECOND FLOOR PLUMBING PLAN - EAST WING**  
SCALE: 1:100

**GENERAL NOTES:**  
INDIVIDUAL WATER HEATING PIPE SIZES TO RADIANT PANELS AND HEATING COILS TO BE 20M UNLESS NOTED OTHERWISE.  
ALL RADIANT PANELS TO BE SUPPORTED INDEPENDENTLY FROM THE ROOF SYSTEM  
ADVISE WITH 2" SPIRES ON EACH CROSS BRACE, APPROXIMATELY EVERY 900MM SUCH THAT IF THE T-BAR SYSTEM FAILS THE PANEL WILL REMAIN IN PLACE.  
CO-ORDINATE PANEL LOCATION WITH T-BAR LAYOUT. TYPICAL LOCATION WILL BE 150MM OFFSET FROM OUTSIDE WALL.



**HEATING PLAN - MAIN FLOOR WEST WING**  
SCALE: 1:100

**KEYPLAN**

1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
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**REVISIONS**


PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**HEATING PLAN -  
MAIN FLOOR WEST  
WING**

Drawn LN	Checked DJC
Project No. E07175	Date SEPT. 19, 2007

Scale  
1:100

Sheet No.  
**M08**

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**KEYPLAN**


1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
NO	DATE	DESCRIPTION

**REVISIONS**

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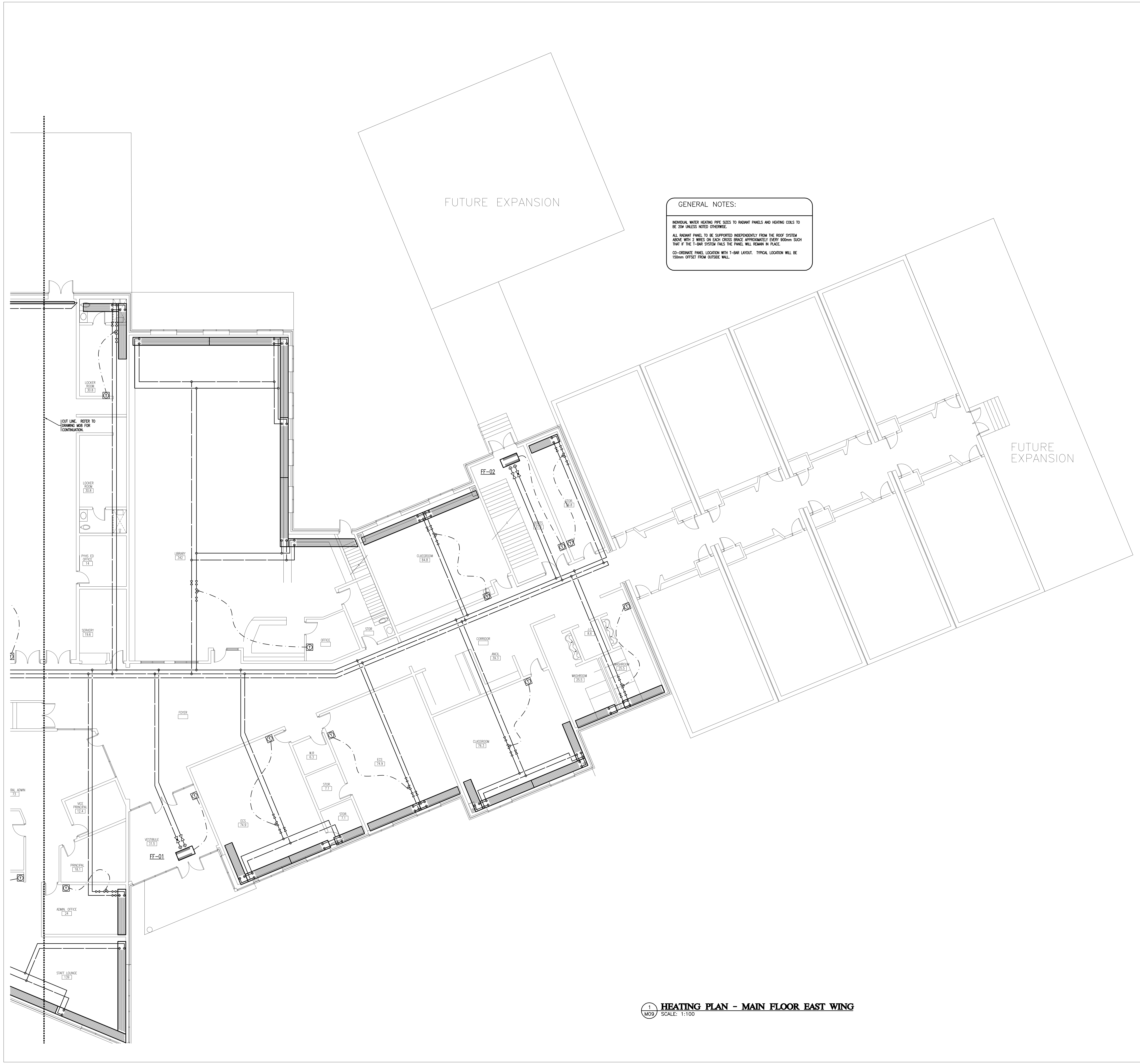
**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**

ALBERTA  
**SHEET TITLE**  
**HEATING PLAN -  
MAIN FLOOR EAST  
WING**

Drawn  
LN  
Checked  
D.J.C.

Project No.  
E07175  
Date  
SEPT. 19, 2007

Scale  
1:100  
Sheet No.  
**M09**



**GENERAL NOTES:**

INDIVIDUAL WATER HEATING PIPE SIZES TO RADIANT PANELS AND HEATING COILS TO BE 20# UNLESS NOTED OTHERWISE.

ALL RADIANT PANELS TO BE SUPPORTED INDEPENDENTLY FROM THE ROOF SYSTEM. ASIDE WITH 2" BRISSES ON EACH CROSS BRACE APPROXIMATELY EVERY 100mm. SUCH THAT IF THE T-BAR SYSTEM FAILS THE PANEL WILL REMAIN IN PLACE.

CO-ORDINATE PANEL LOCATION WITH T-BAR LAYOUT. TYPICAL LOCATION WILL BE 150mm OFFSET FROM OUTSIDE WALL.

**HEATING PLAN - MAIN FLOOR EAST WING**  
SCALE: 1:100

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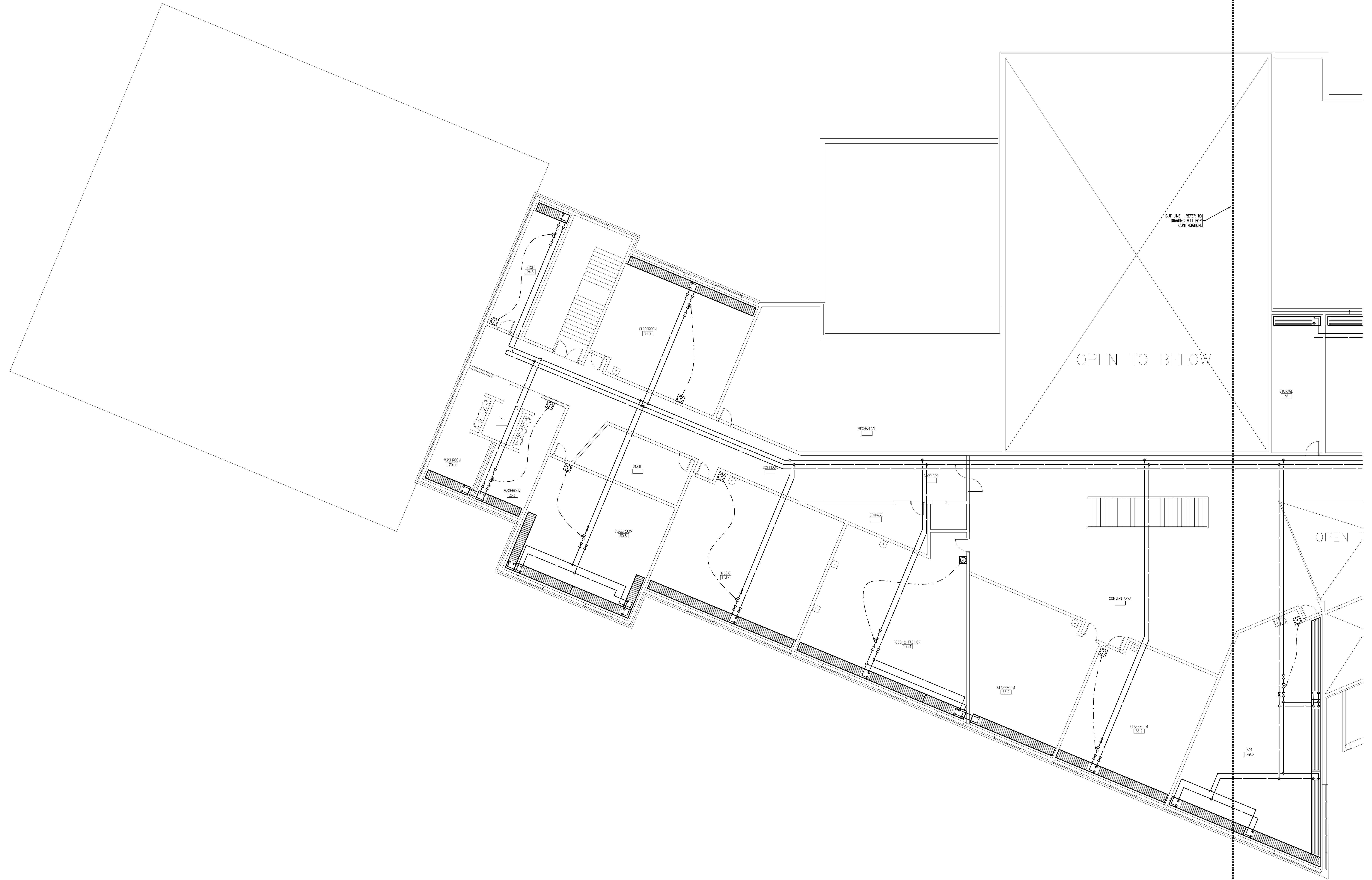
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**GENERAL NOTES:**  
INDIVIDUAL WATER HEATING PIPE SIZES TO RADIANT PANELS AND HEATING COILS TO BE 20# UNLESS NOTED OTHERWISE.  
ALL RADIANT PANEL TO BE SUPPORTED INDEPENDENTLY FROM THE ROOF SYSTEM ABOVE WITH 2 WIRES ON EACH CROSS BRACE APPROXIMATELY EVERY 900mm SUCH THAT IF THE T-BAR SYSTEM FAILS THE PANEL WILL REMAIN IN PLACE.  
CO-ORDINATE PANEL LOCATION WITH T-BAR LAYOUT. TYPICAL LOCATION WILL BE 150mm OFFSET FROM OUTSIDE WALL.



**KEYPLAN**

NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

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**PROJECT**  
900 STUDENT  
K-9 CORE SCHOOL

**SHEET TITLE**  
HEATING PLAN -  
SECOND FLOOR -  
WEST WING

Drawn LN Checked DJC

Project No. E07175 Date SEPT. 19, 2007

Scale 1:100 Sheet No. M10

**MECHANICAL HEATING PLAN - WEST WING**  
SCALE: 1:100

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**GENERAL NOTES:**

INDIVIDUAL WATER HEATING PIPE SIZES TO RADIANT PANELS AND HEATING COILS TO BE 20# UNLESS NOTED OTHERWISE.

ALL RADIANT PANELS TO BE SUPPORTED INDEPENDENTLY FROM THE ROOF SYSTEM ABOVE WITH 2 WIRES ON EACH CROSS BRACE APPROXIMATELY EVERY 900mm SUCH THAT IF THE T-BAR SYSTEM FAILS THE PANEL WILL REMAIN IN PLACE.

CO-ORDINATE PANEL LOCATION WITH T-BAR LAYOUT. TYPICAL LOCATION WILL BE 150mm OFFSET FROM OUTSIDE WALL.



KEYPLAN

NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

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**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**

**SHEET TITLE**  
**HEATING PLAN -  
SECOND FLOOR  
EAST WING**

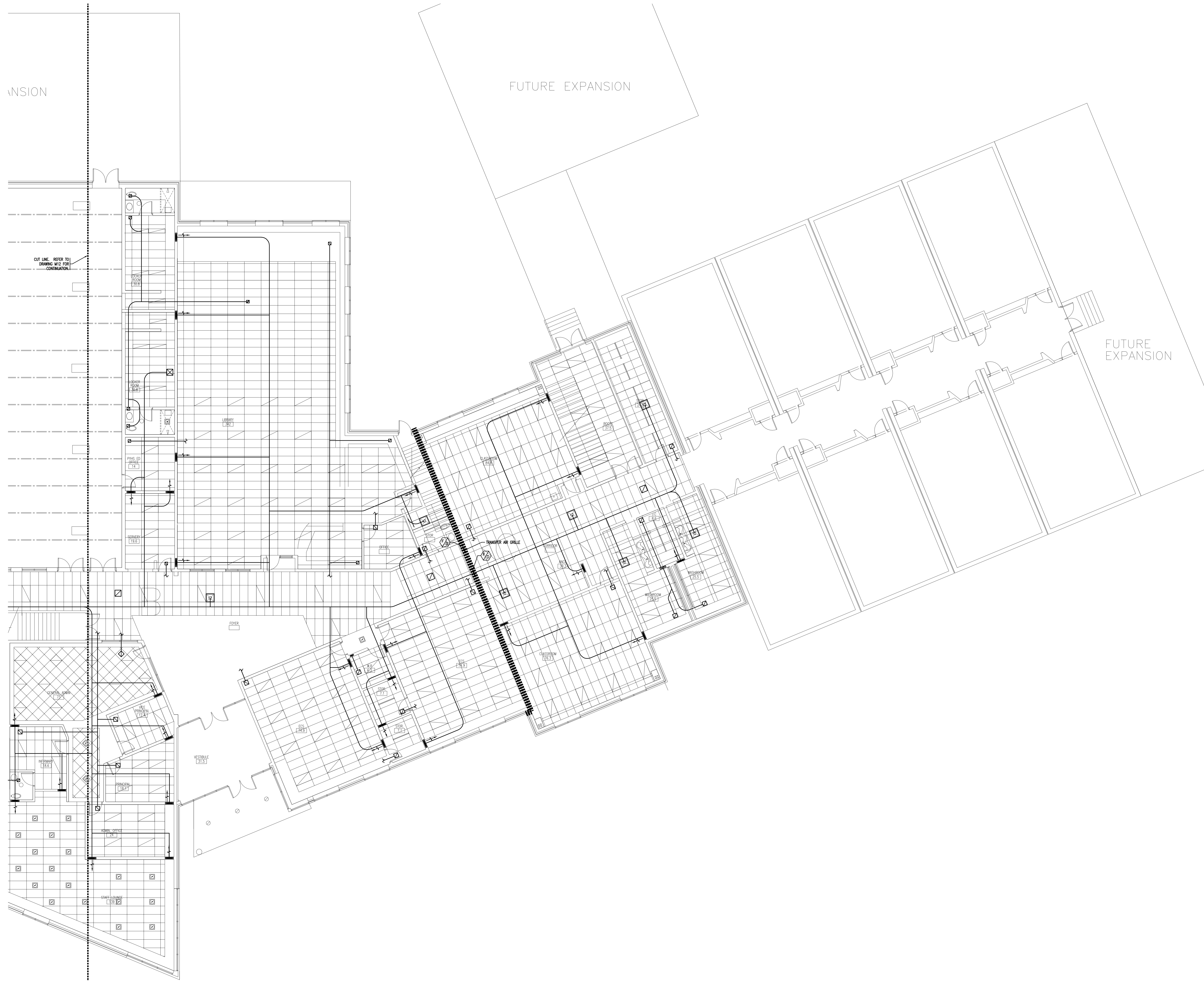
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Project No.: E07175  
Date: SEPT. 19, 2007

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Sheet No.: **M11**

**MECHANICAL HEATING PLAN - EAST WING**  
SCALE: 1:100







**MECHANICAL VENTILATION PLAN - EAST WING**  
SCALE: 1:100

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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**VENTILATION PLAN  
MAIN FLOOR  
EAST WING**

Drawn  
B.M.R.

Checked  
D.J.C.

Project No.  
E07175

Date  
SEPT. 24, 2007

Scale  
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Sheet No.  
**M13**

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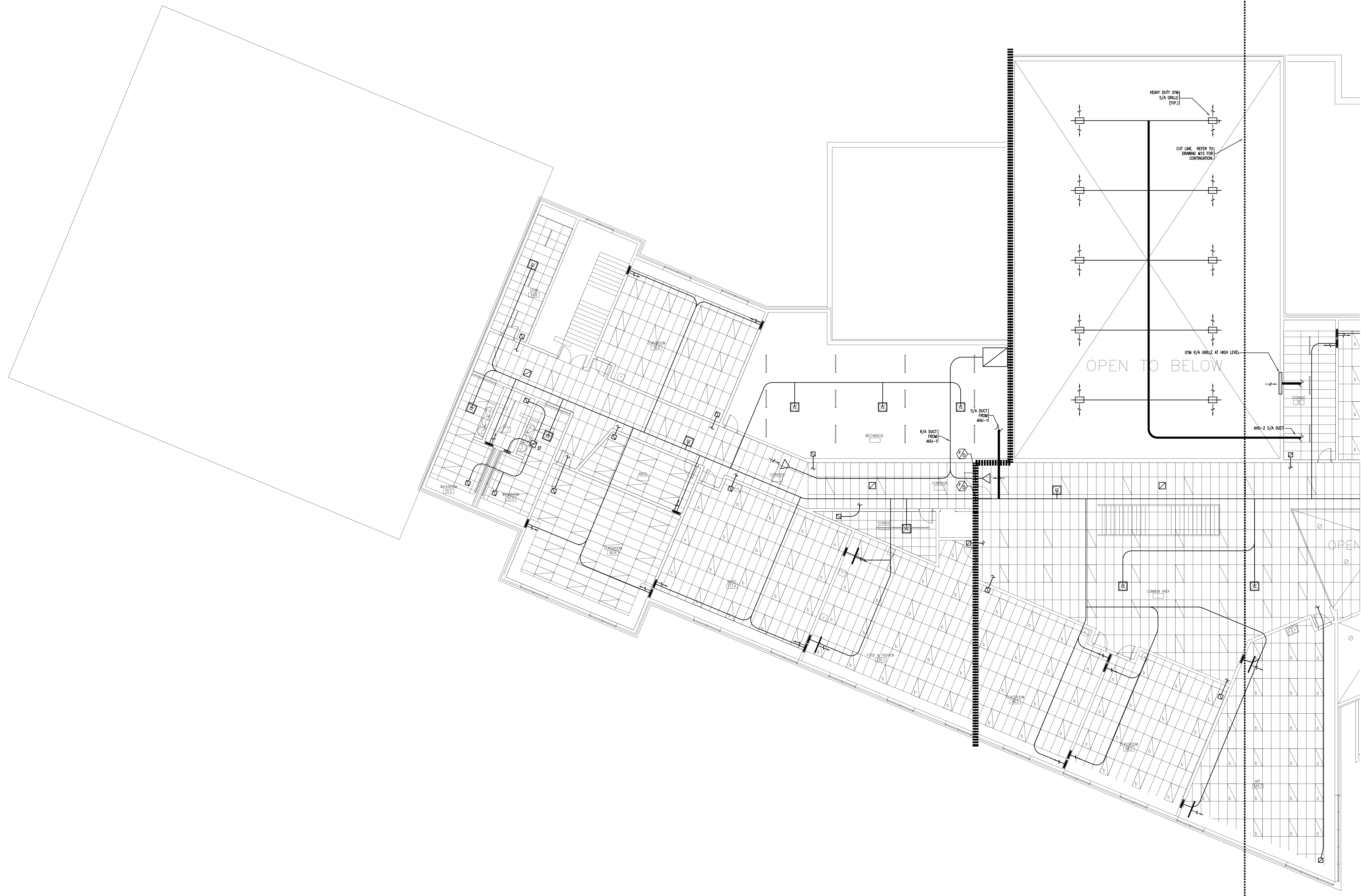
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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

ALBERTA  
SHEET TITLE  
**VENTILATION PLAN  
SECOND FLOOR  
WEST WING**

Drawn  
B.M.R.

Checked  
D.J.C.

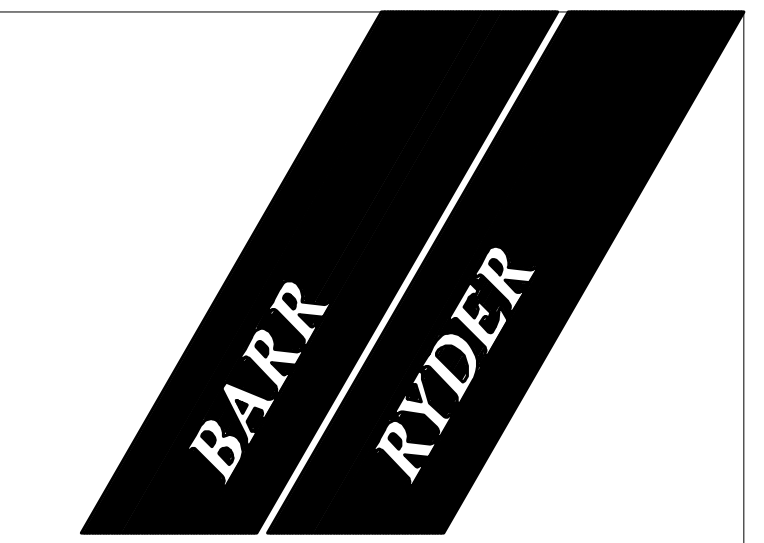
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E07175

Date  
SEPT. 24, 2007

Scale  
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Sheet No.  
**M14**

**M14** MECHANICAL VENTILATION PLAN - WEST WING  
SCALE: 1:100



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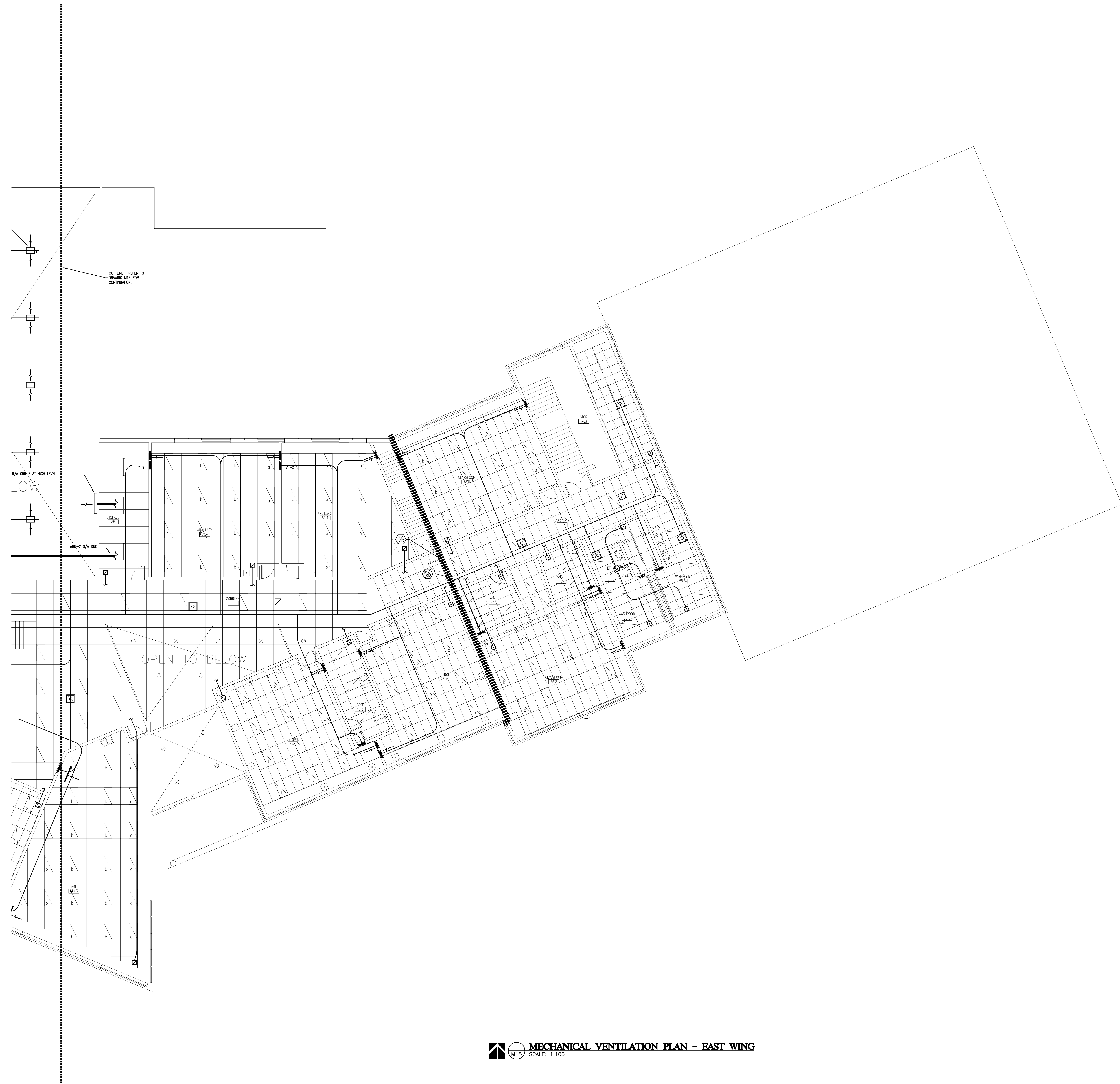
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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**VENTILATION PLAN  
SECOND FLOOR  
EAST WING**

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Project No.  
E07175

Date  
SEPT. 24, 2007

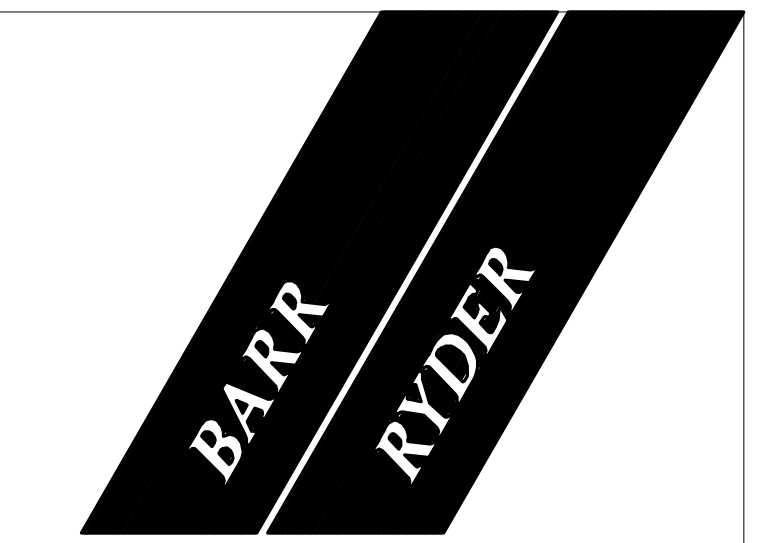
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Sheet No.  
**M15**

**MECHANICAL VENTILATION PLAN - EAST WING**  
SCALE: 1:100



**M16 MECHANICAL FIRE PROTECTION PLAN - WEST WING**  
SCALE: 1:100



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**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**  
ALBERTA

**SHEET TITLE**  
**FIRE PROTECTION  
MAIN FLOOR  
WEST WING**

Drawn B.M.R.	Checked D.J.C.
Project No. E07175	Date SEPT. 24, 2007

Scale: 1:100 Sheet No. **M16**



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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

ALBERTA  
SHEET TITLE  
**FIRE PROTECTION  
MAIN FLOOR  
EAST WING**

Drawn  
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D.J.C.

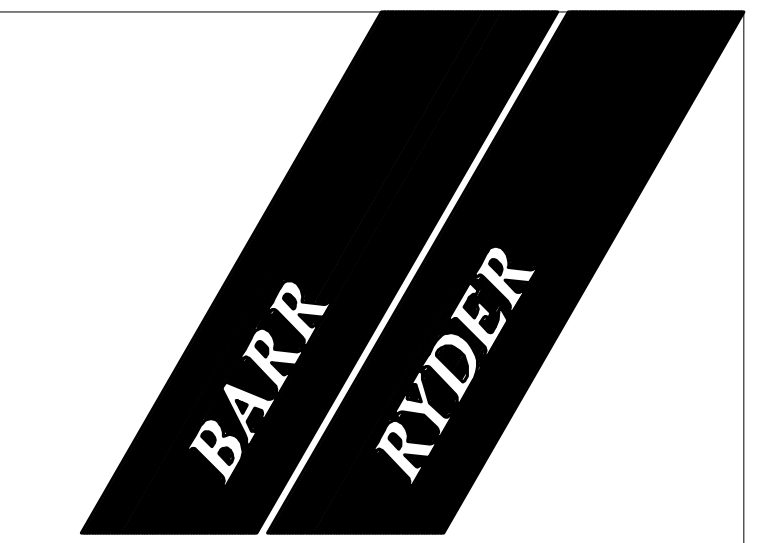
Project No.  
E07175

Date  
SEPT. 24, 2007

Scale  
1:100

Sheet No.  
**M17**

**MECHANICAL FIRE PROTECTION PLAN - EAST WING**  
SCALE: 1:100



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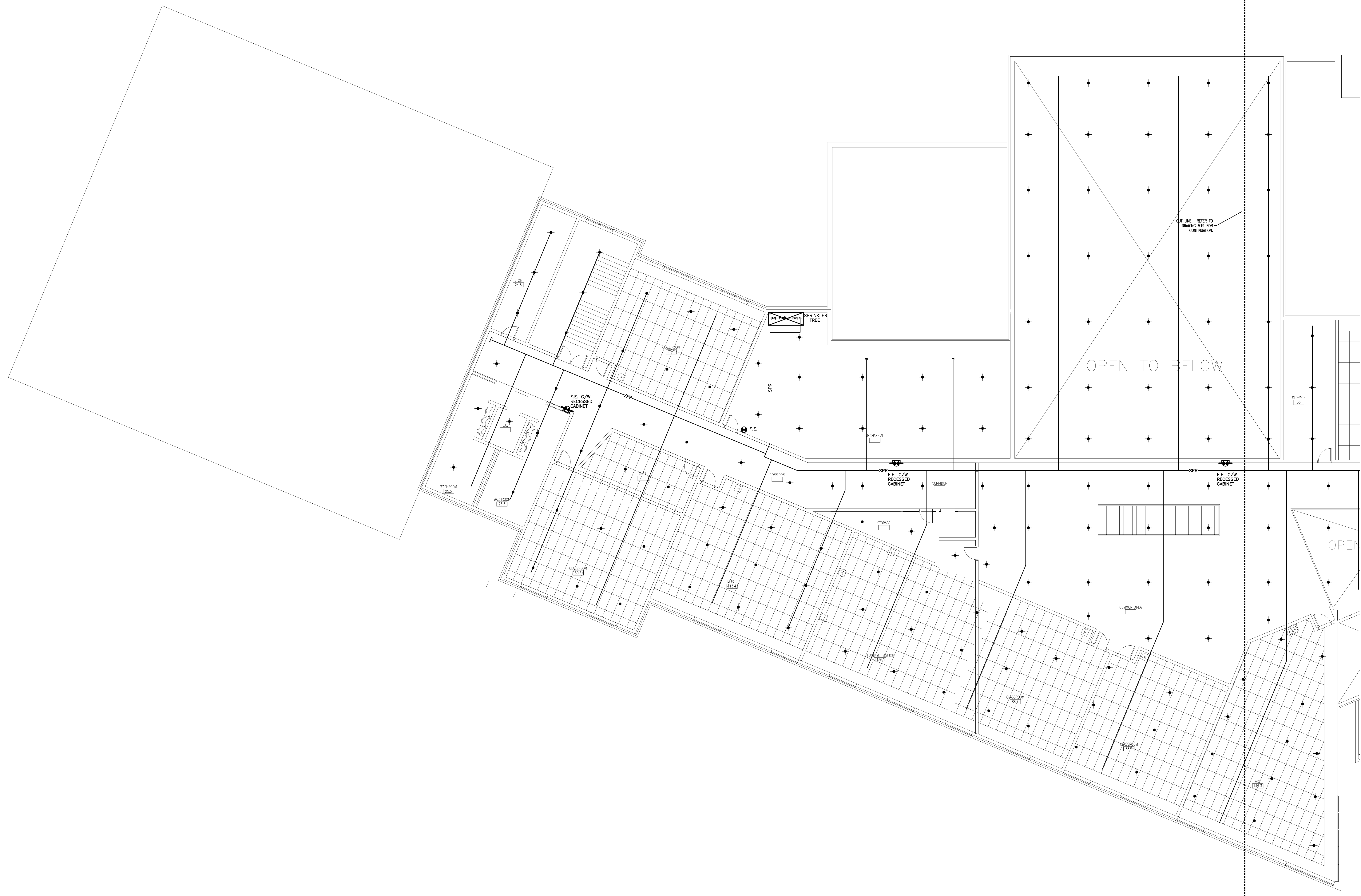
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TEL: (780) 452-1800 FAX: (780) 452-0205  
HEM 007175

PROSTATIX  
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CONSULTANTS INC.

Alberta  
INFRASTRUCTURE AND  
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CONSTRUCTION PURPOSES



KEYPLAN

1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
NO	DATE	DESCRIPTION

REVISIONS

SEAL / PERMIT
---------------

PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**  
ALBERTA

SHEET TITLE  
**FIRE PROTECTION  
SECOND FLOOR  
WEST WING**

Drawn B.M.R.	Checked D.J.C.
Project No. E07175	Date SEPT. 24, 2007

Scale 1:100	Sheet No. <b>M18</b>
----------------	-------------------------

**M18 MECHANICAL FIRE PROTECTION PLAN - WEST WING**  
SCALE: 1:100



**KEYPLAN**


NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

**REVISIONS**

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**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**  
  
ALBERTA

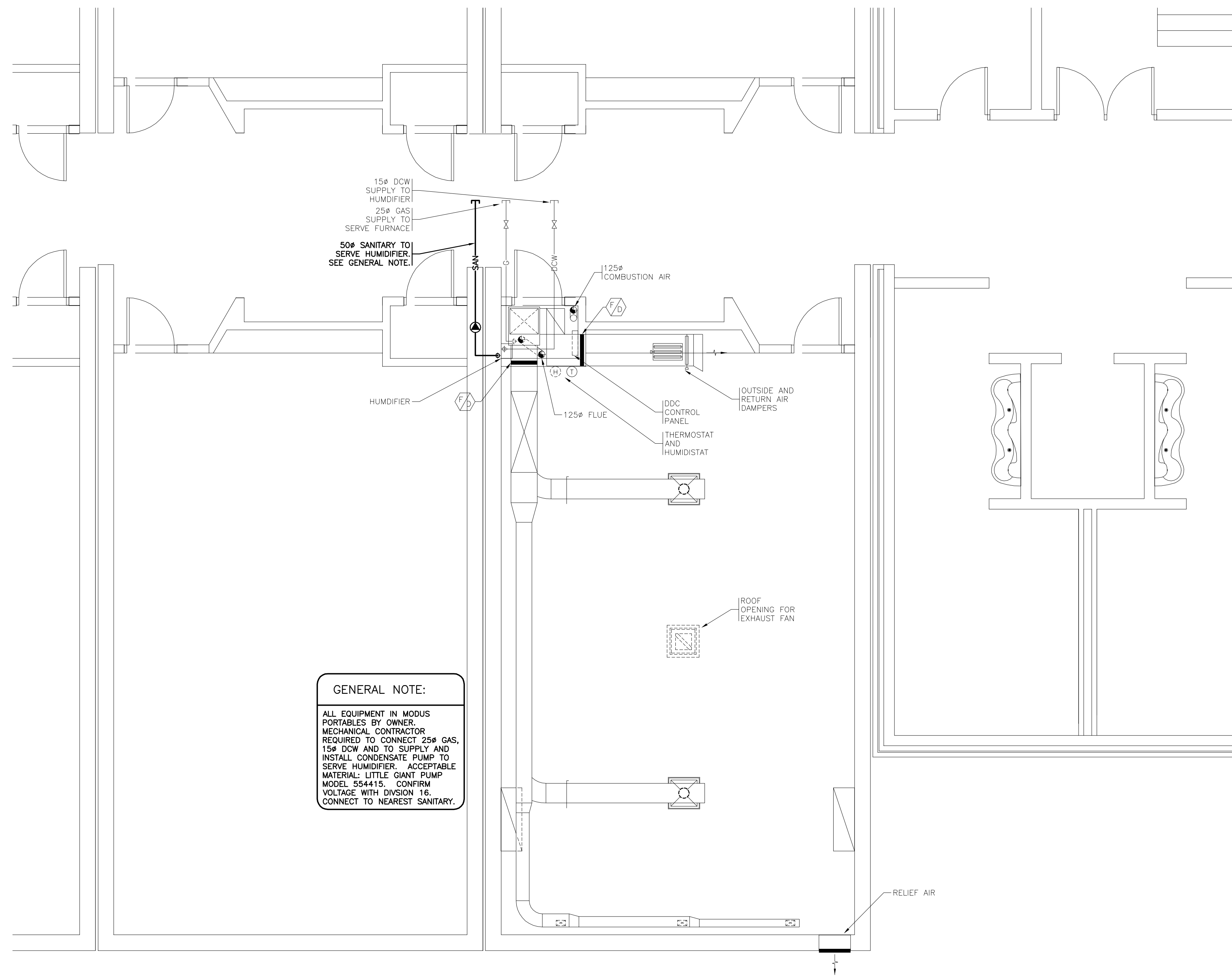
**SHEET TITLE**  
**FIRE PROTECTION  
SECOND FLOOR  
EAST WING**

Drawn B.M.R.	Checked D.J.C.
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Project No. E07175	Date SEPT. 24, 2007
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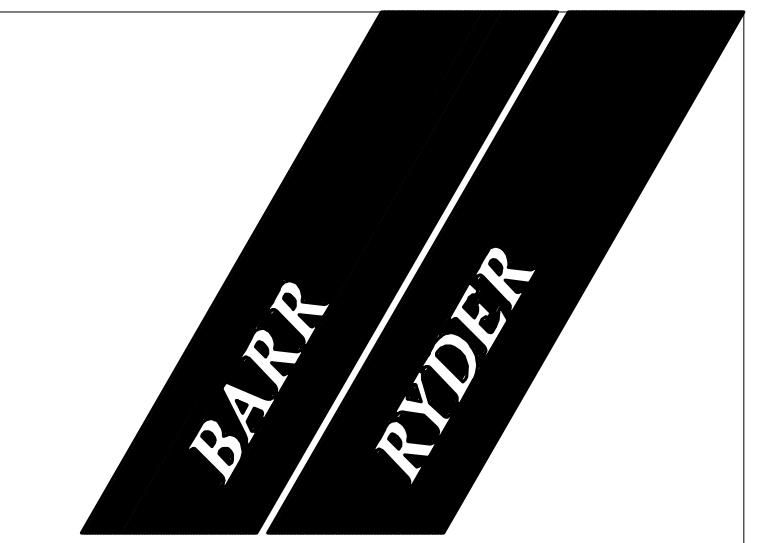
Scale 1:100	Sheet No. <b>M19</b>
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**GENERAL NOTE:**  
 ALL EQUIPMENT IN MODUS PORTABLES BY OWNER. MECHANICAL CONTRACTOR REQUIRED TO CONNECT 25# GAS, 15# DOW AND TO SUPPLY AND INSTALL CONDENSATE PUMP TO SERVE HUMIDIFIER. ACCEPTABLE MATERIAL: LITTLE GANT PUMP MODEL 554415. CONFIRM VOLTAGE WITH DIVISION 16. CONNECT TO NEAREST SANITARY.

**1** TYPICAL PORTABLE CLASSROOM PLAN (BY OTHERS)  
 W20 SCALE: 1:50



**ARCHITECTS & INTERIOR DESIGNERS**  
 210, 10190 - 104 St.  
 Edmonton, Alberta T5J 1A7  
 Canada  
 Tel: (780) 423-6606  
 Fax: (780) 429-3962

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 WEB: 807175

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KEYPLAN


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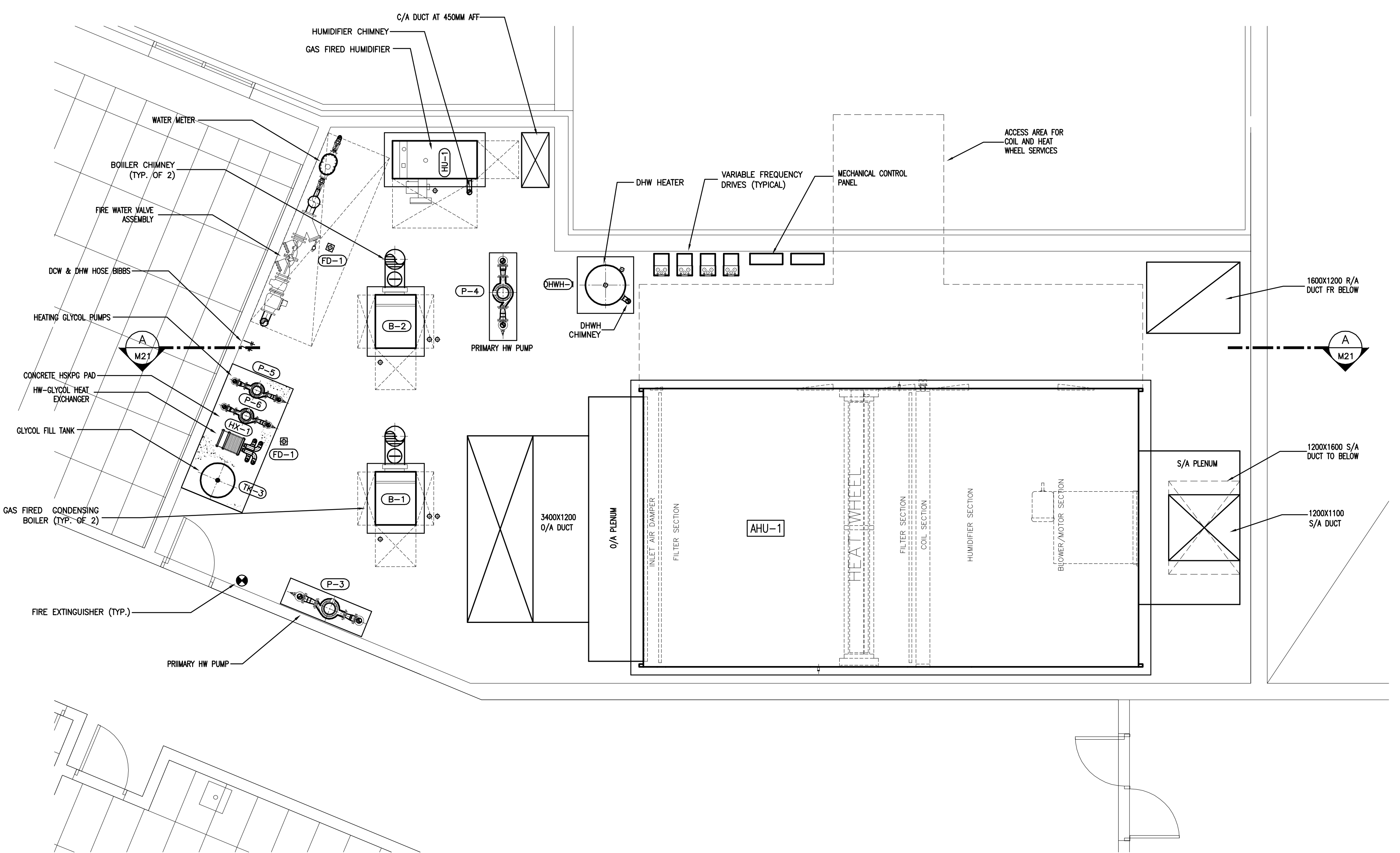
**PROJECT**  
 900 STUDENT K-9 CORE SCHOOL  
 ALBERTA

**SHEET TITLE**  
 TYPICAL PORTABLE CLASSROOM PLAN

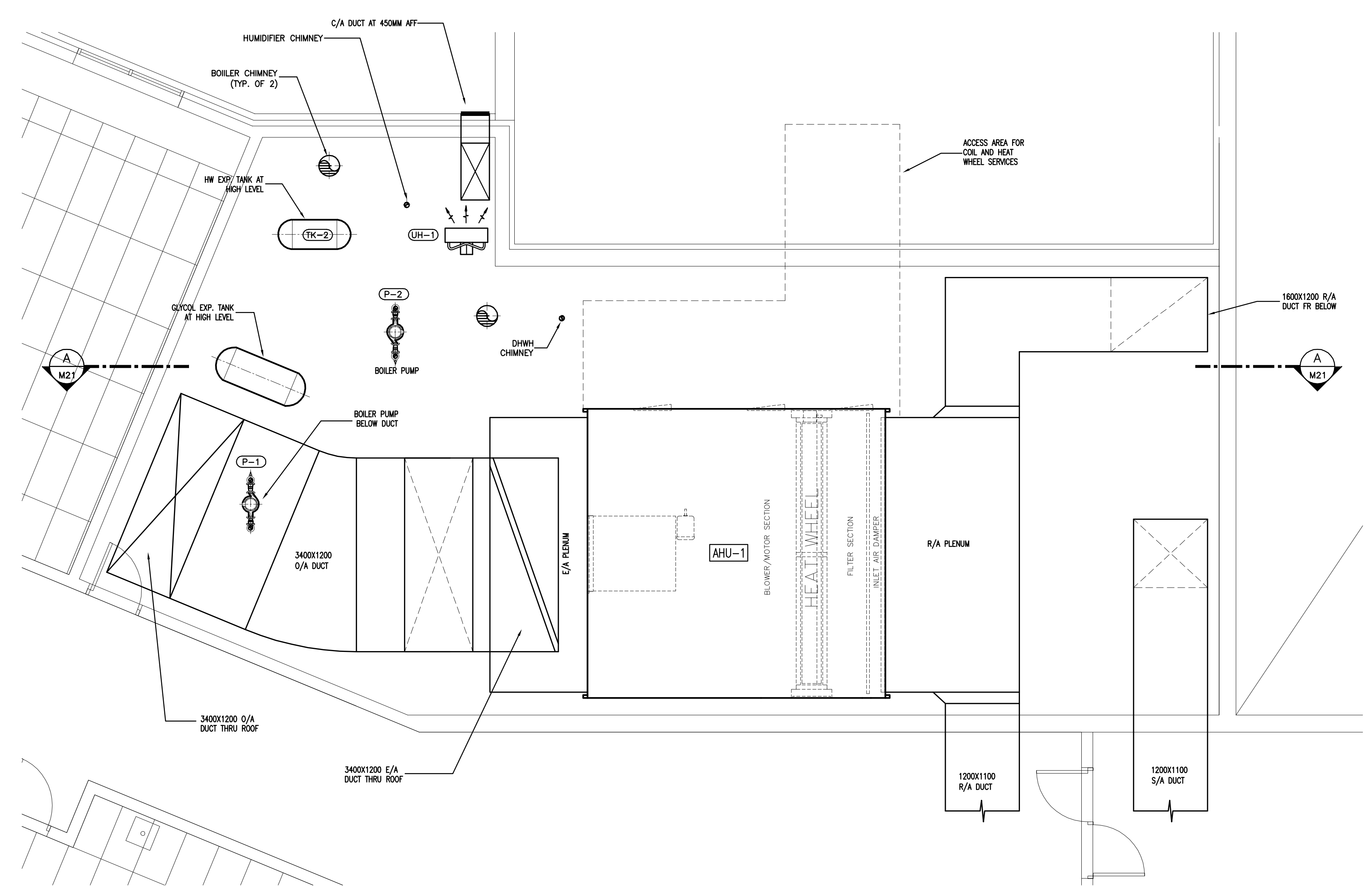
Drawn: WMH Checked: DJC

Project No: E07175 Date: September 18, 2007

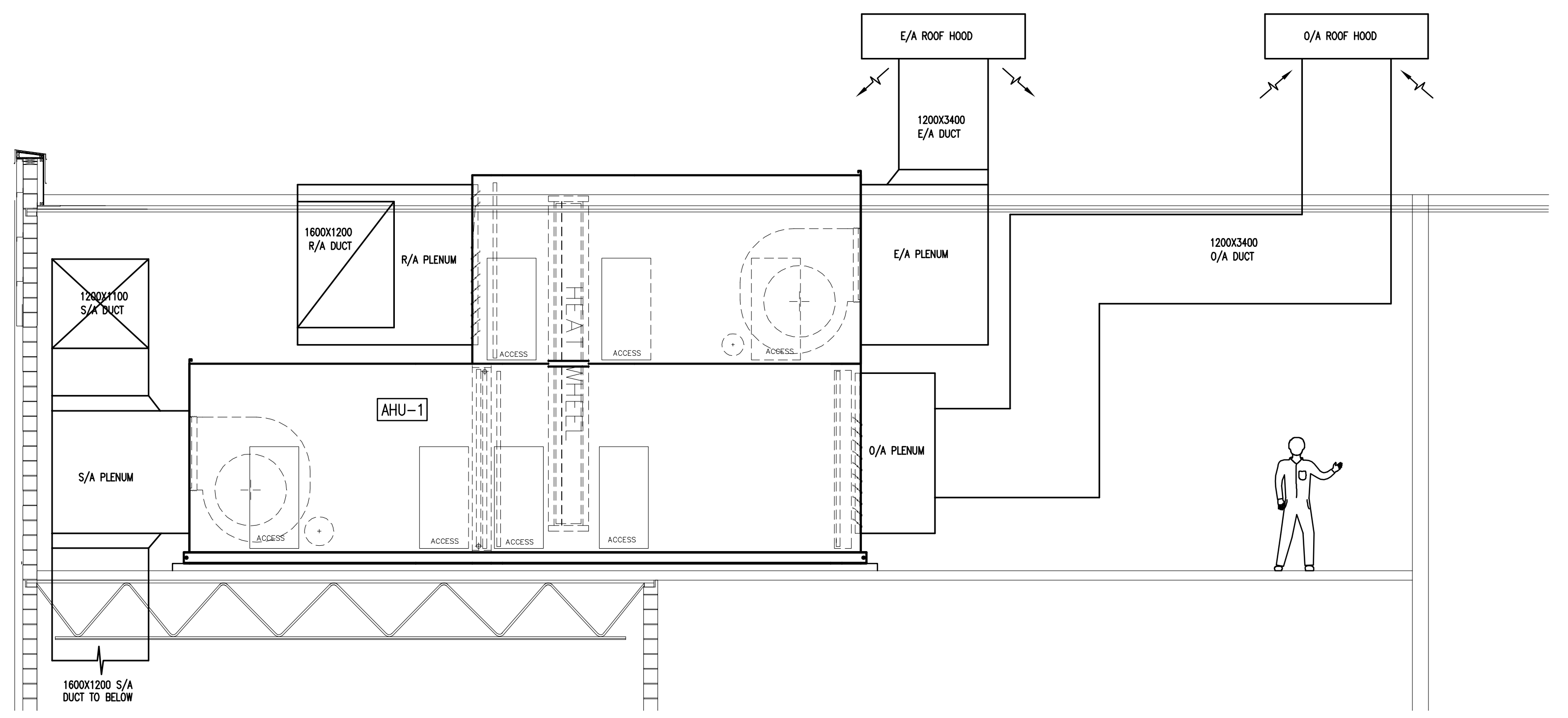
Scale: 1:50 Sheet No: M20



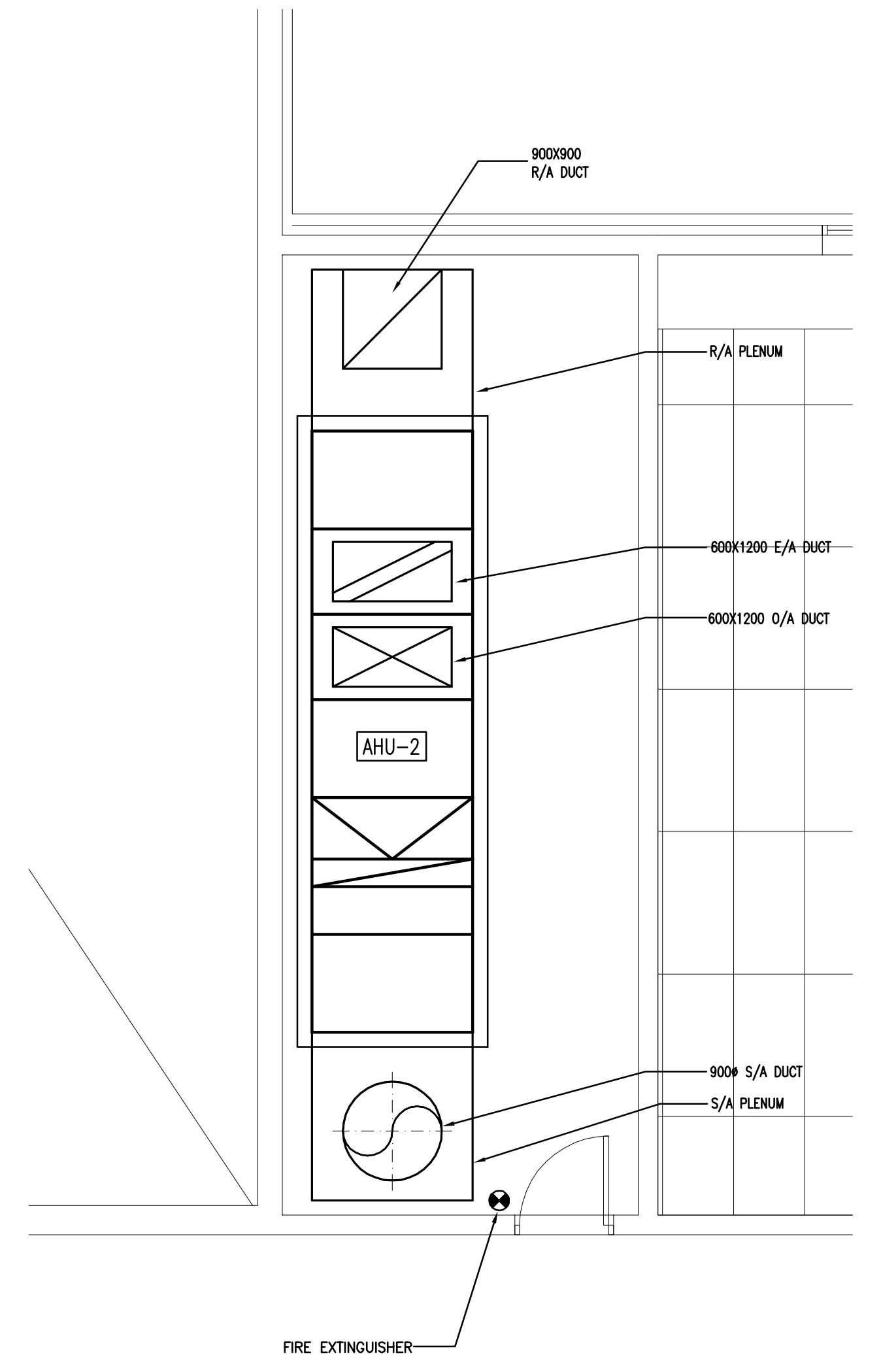
**1 MECHANICAL ROOM PLAN - LOWER LEVEL**  
SCALE: 1:50



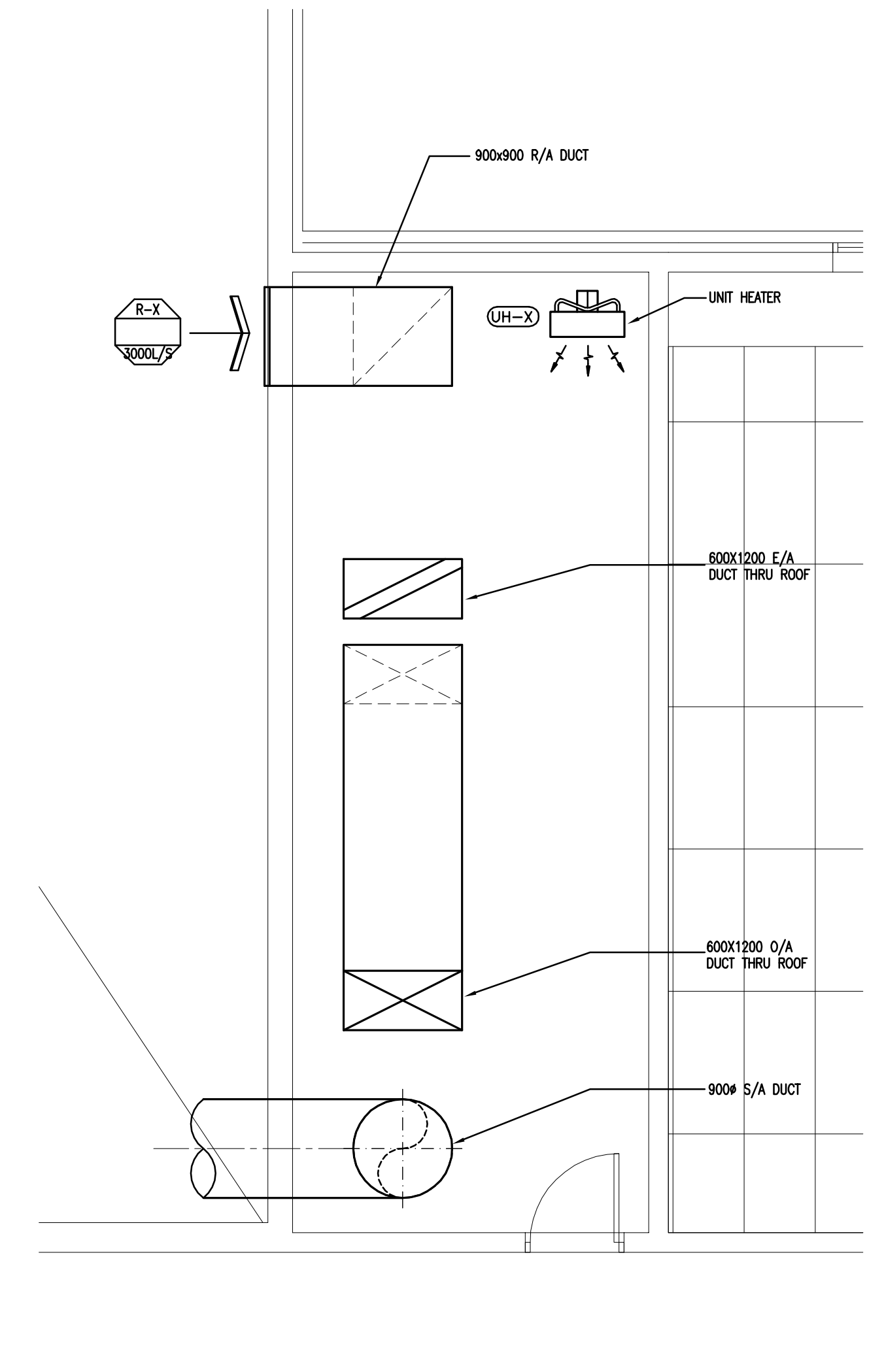
**2 MECHANICAL ROOM PLAN - UPPER LEVEL**  
SCALE: 1:50



**A SECTION A-A**  
SCALE: 1:50



**3 GYM FAN ROOM PLAN - LOWER LEVEL**  
SCALE: 1:50



**4 GYM FAN ROOM PLAN - UPPER LEVEL**  
SCALE: 1:50

**KEYPLAN**

NO	DATE	DESCRIPTION
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**REVISIONS**

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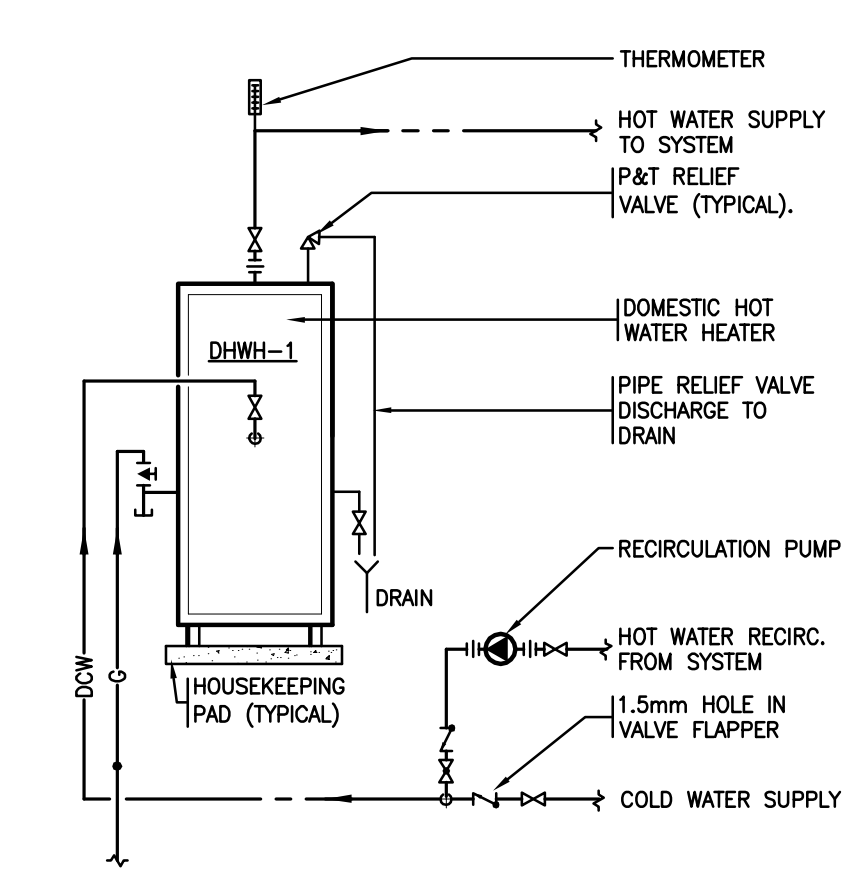
**PROJECT**  
900 STUDENT  
K-9 CORE SCHOOL

**SHEET TITLE**  
MECHANICAL ROOM  
AND FAN ROOM  
PLANS AND SECT'S

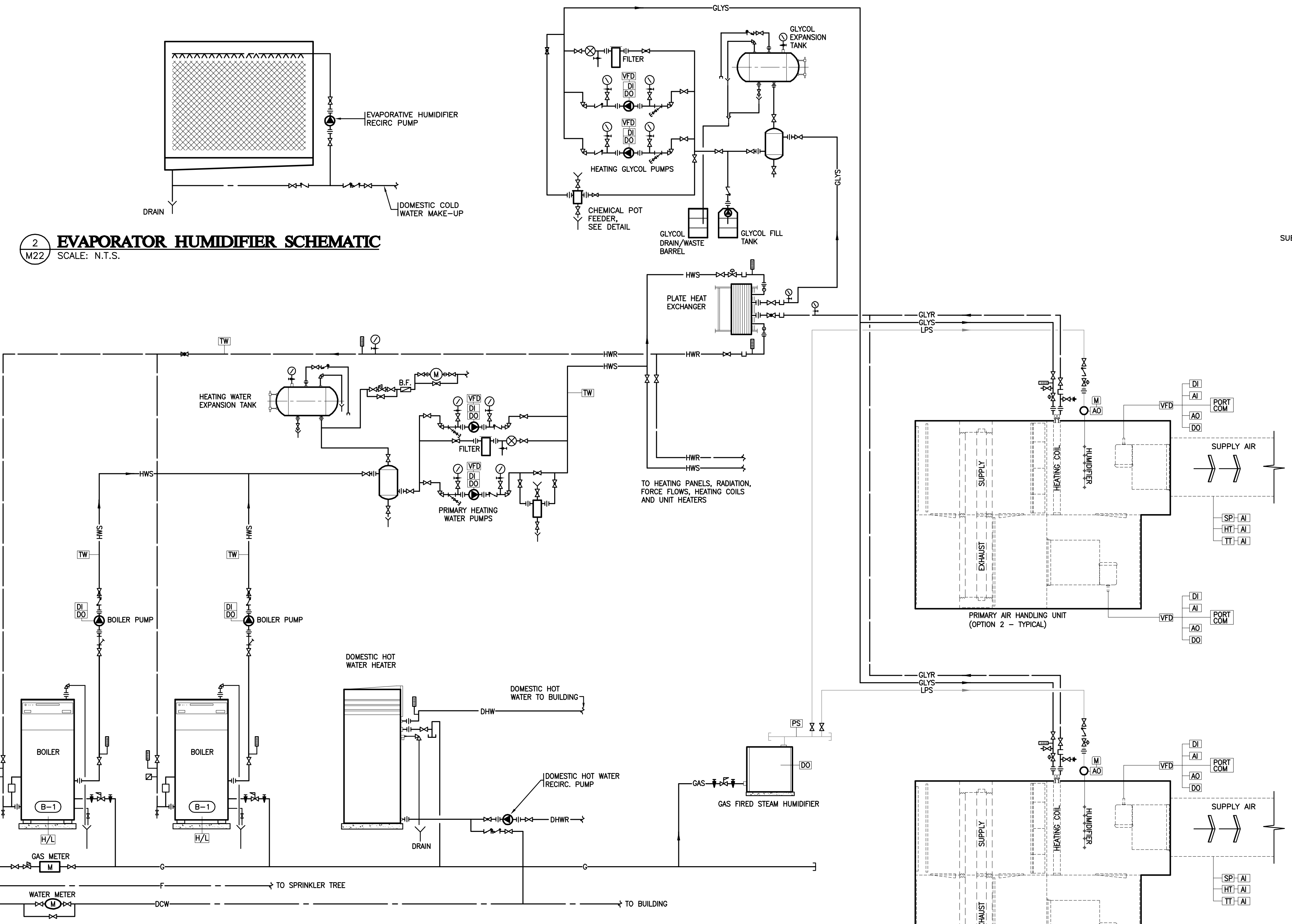
Drawn LN	Checked D.J.C.
Project No. E07175	Date SEPT. 19, 2007

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Sheet No. **M21**

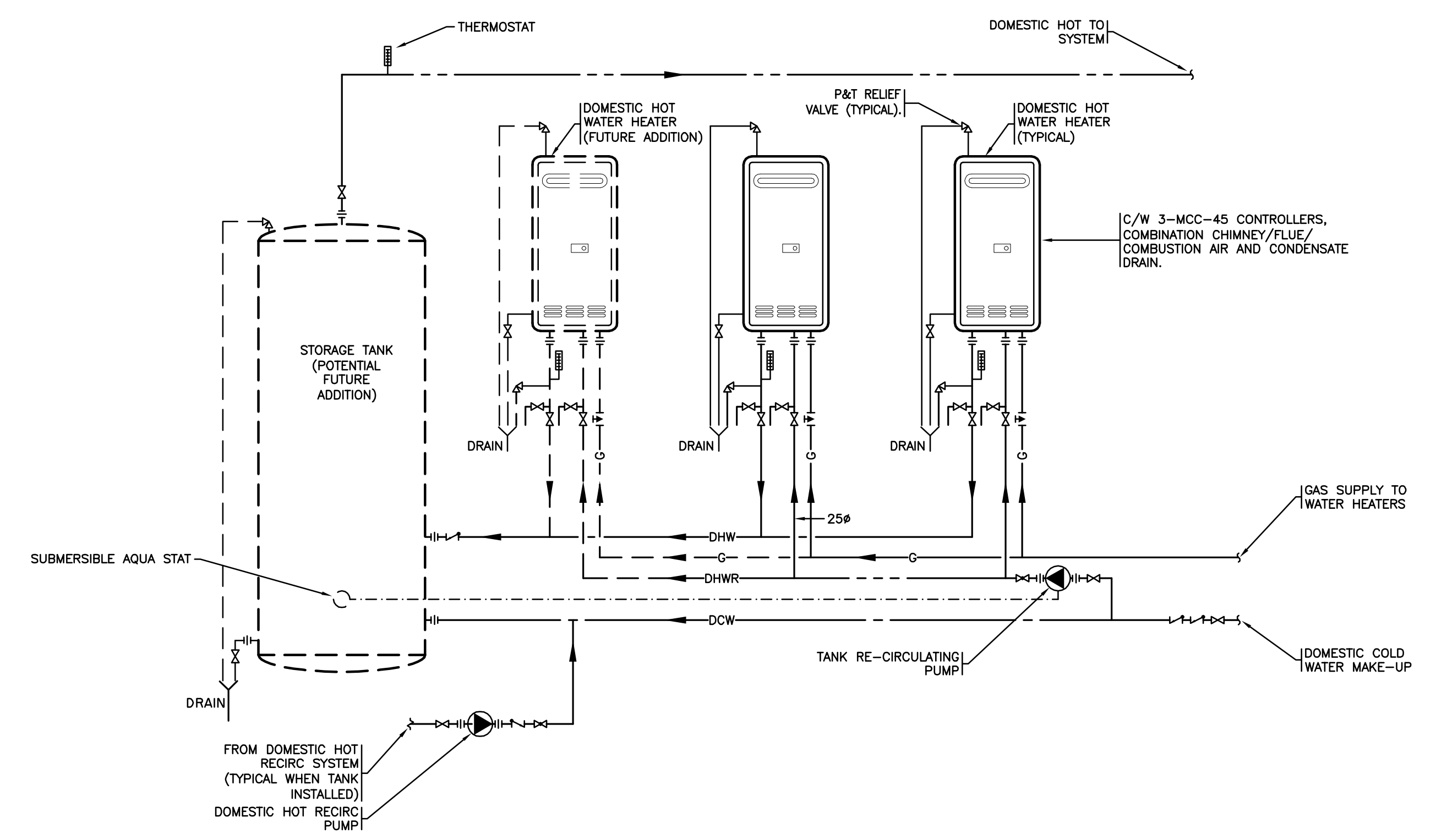
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**1 DOMESTIC WATER HEATER PIPING SCHEMATIC (OPTION 1)**  
SCALE: N.T.S.



**4 MECHANICAL SYSTEM SCHEMATIC**  
SCALE: N.T.S.



**3 TANKLESS DOMESTIC WATER HEATER PIPING SCHEMATIC (OPTION 2)**  
SCALE: N.T.S.

**KEYPLAN**


1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
NO	DATE	DESCRIPTION

**REVISIONS**


PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

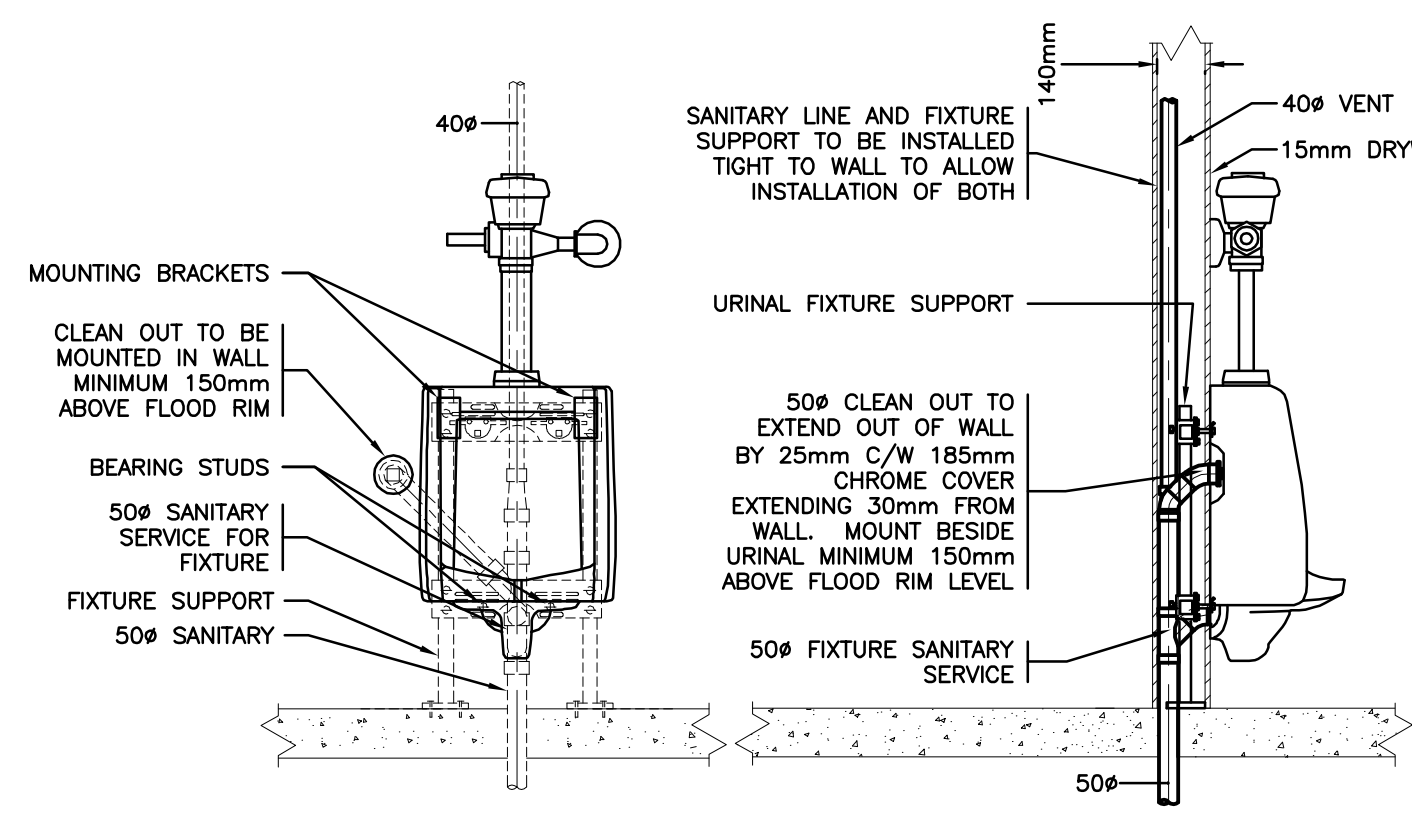
ALBERTA

SHEET TITLE  
**HEATING PIPING  
SCHEMATIC**

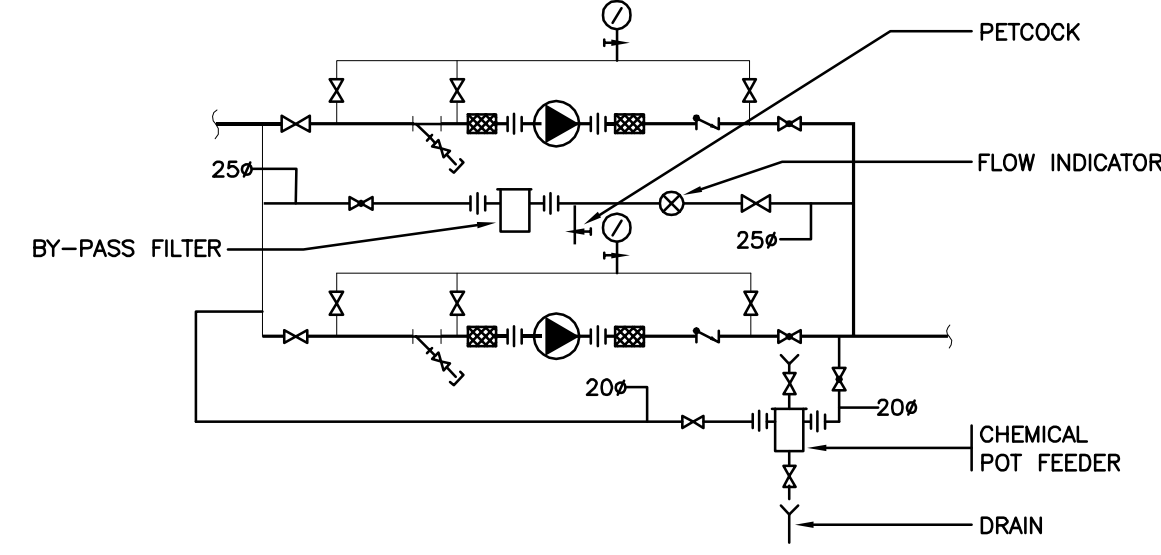
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Project No. E07175	Date September 18, 2007
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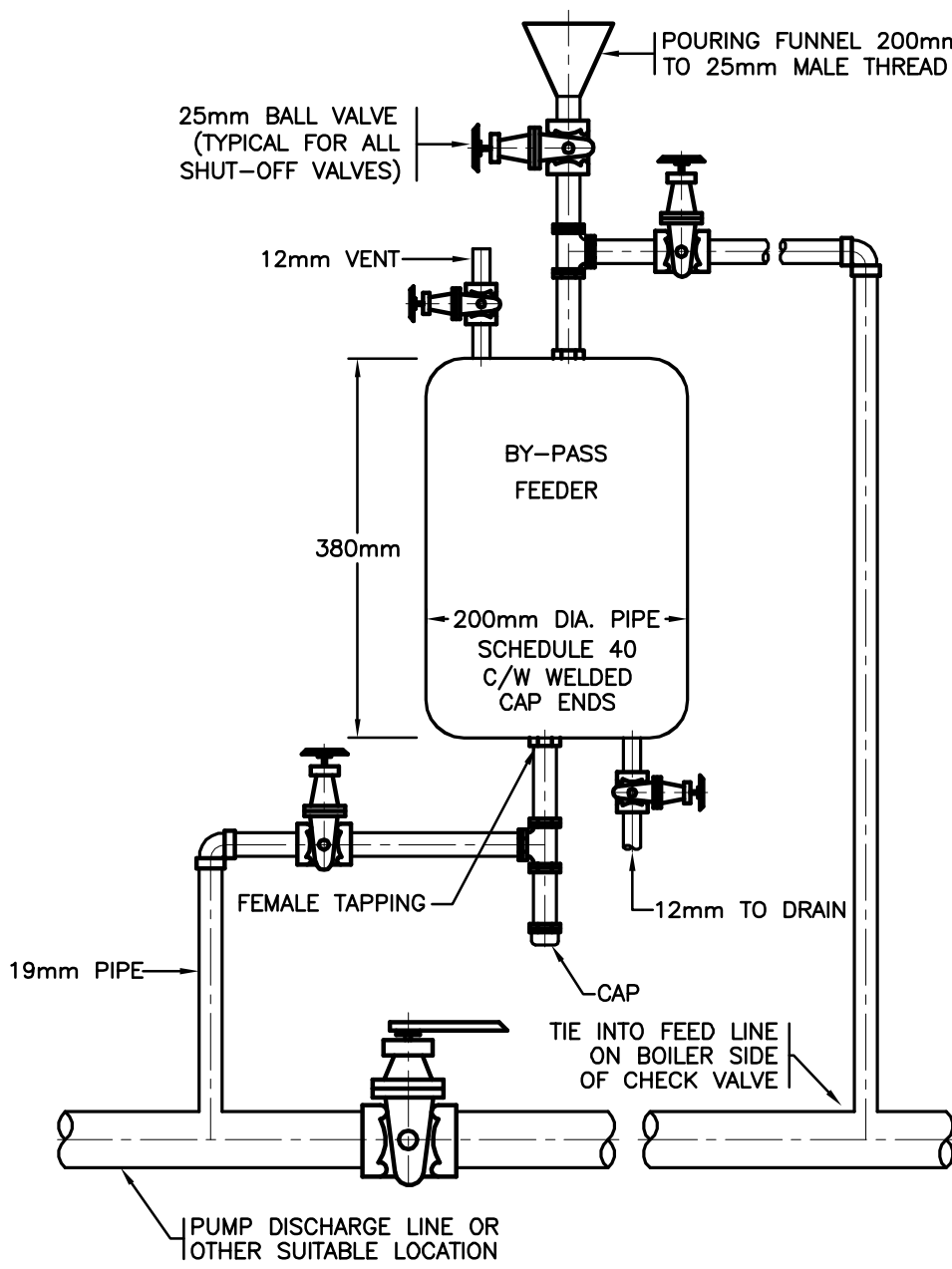
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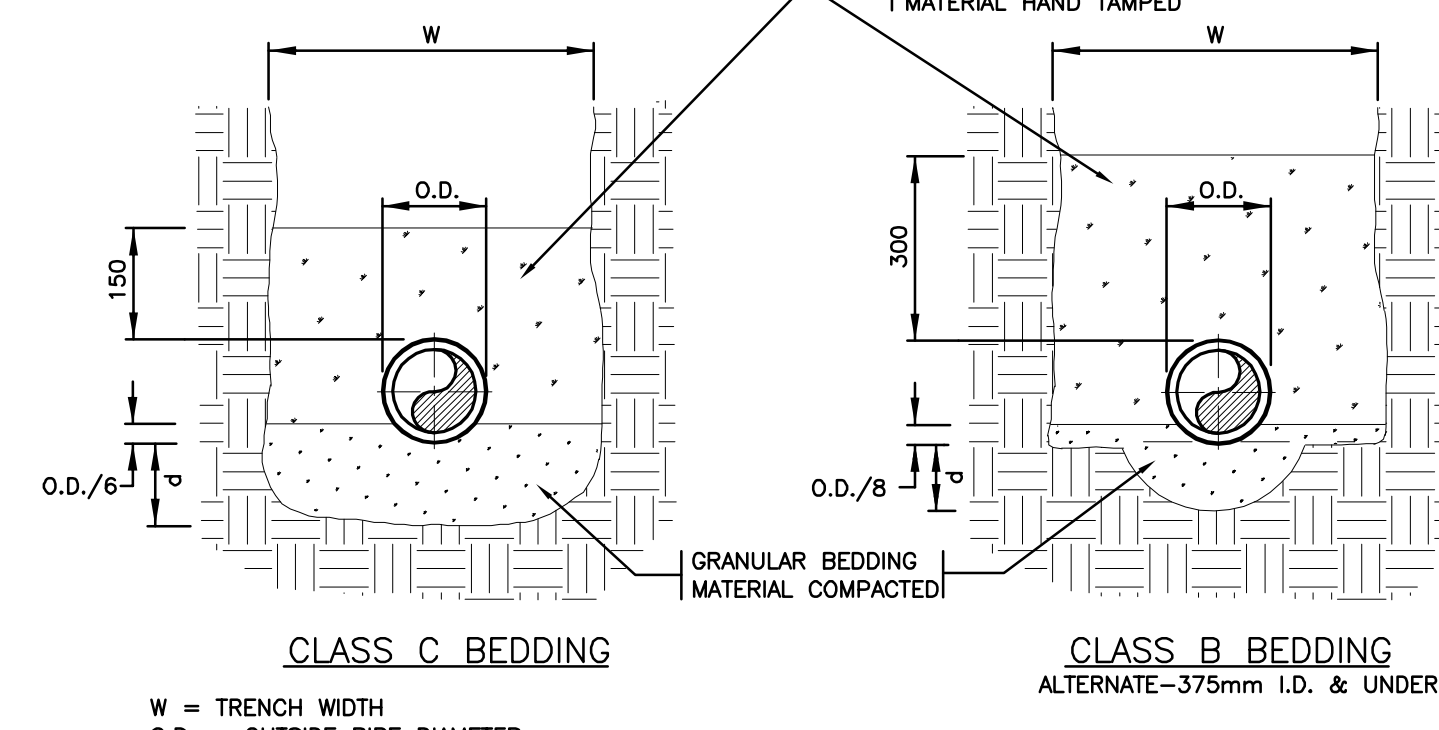
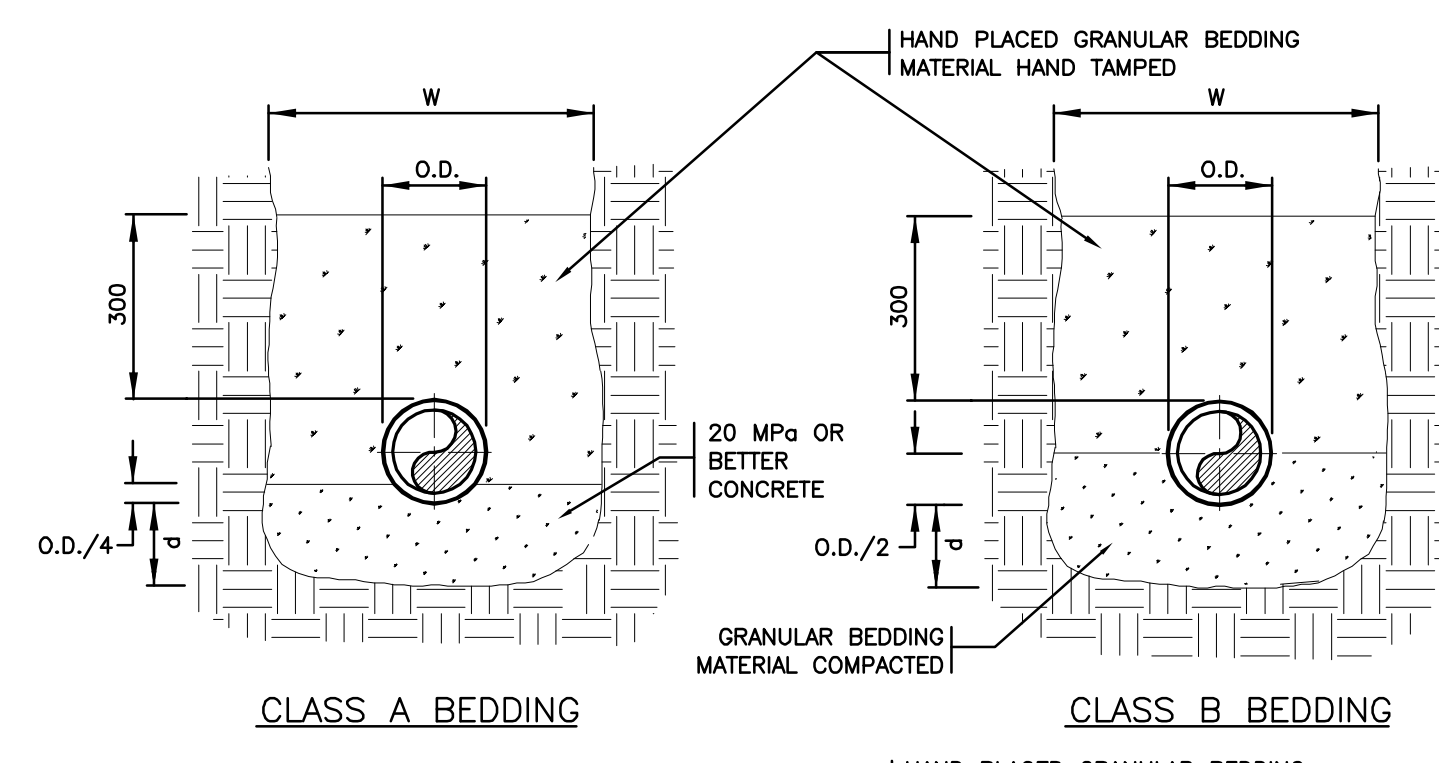
1 WALL MOUNTED URINAL DETAIL  
M23 NTS



2 CHEMICAL POT FEEDER & BYPASS FILTER ASSEMBLY  
M23 NTS



7 CHEMICAL POT FEEDER  
M23 NTS

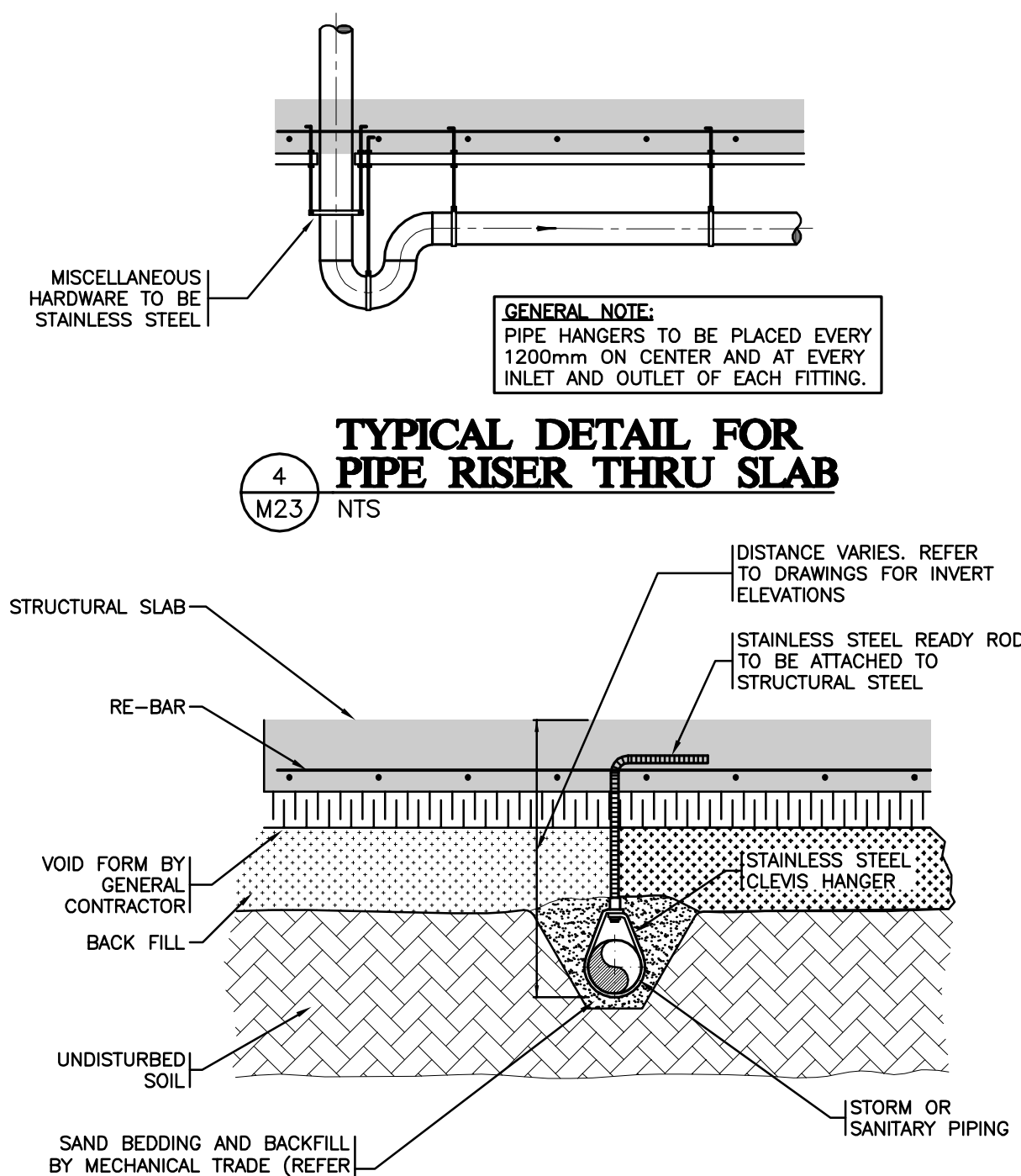


NOTES:  
1. CONCRETE OR BEDDING MATERIAL TO EXTEND TO UNDISTURBED TRENCH WALLS.  
2. COMPACTION-B88 STANDARD PROCTOR MAXIMUM DRY DENSITY (MIN.)  
3. FOR TRENCH WIDTH 'W' REFER TO SPECIFICATIONS.

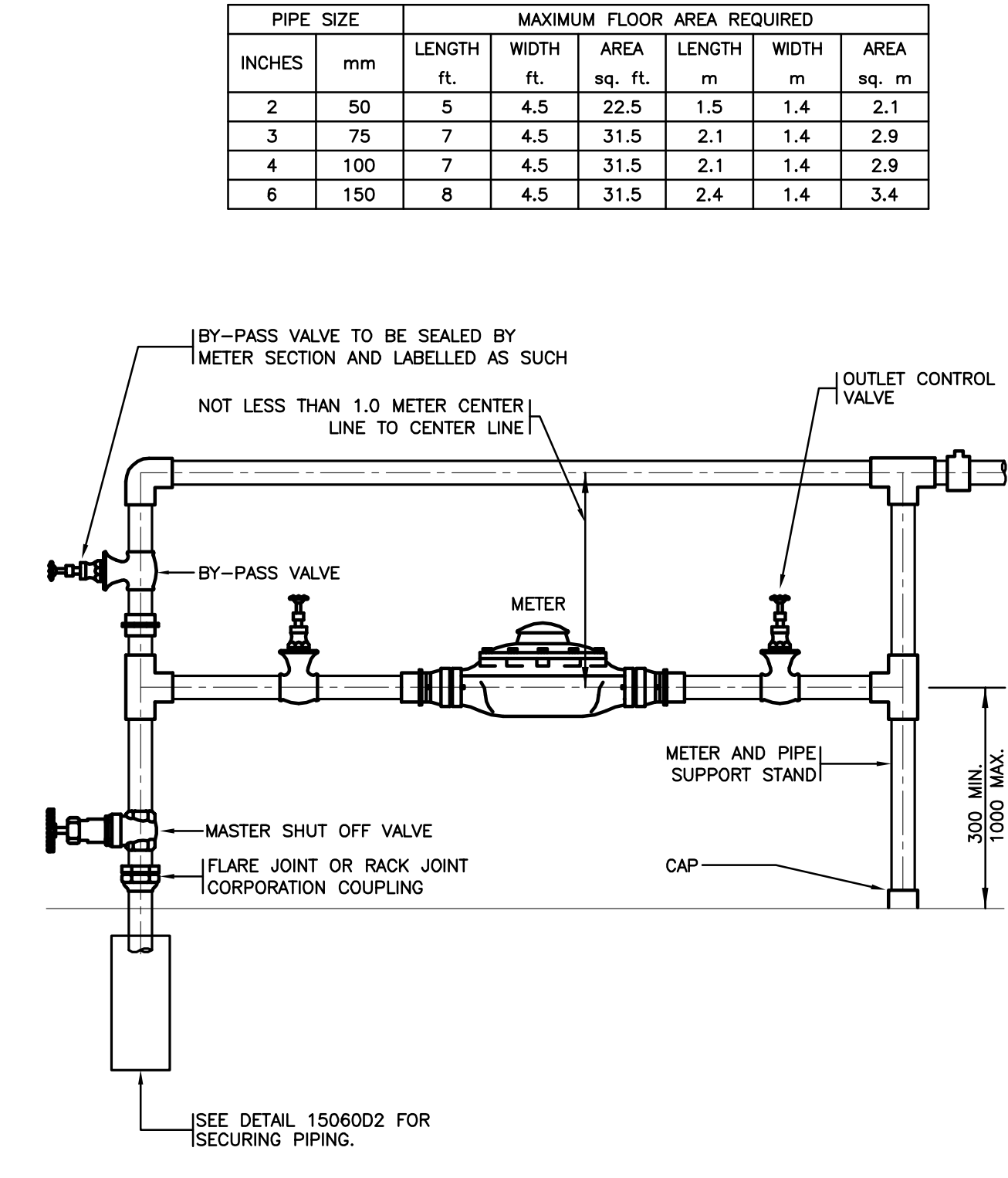
W = TRENCH WIDTH  
O.D. = OUTSIDE PIPE DIAMETER  
I.D. = INSIDE DIAMETER

MINIMUM DEPTH OF BEDDING BELOW PIPE=d			
I.D.=675mm & SMALLER	d=75mm		
I.D.=750mm TO 1600mm	d=100mm		
I.D.=1650mm & LARGER	d=150mm		

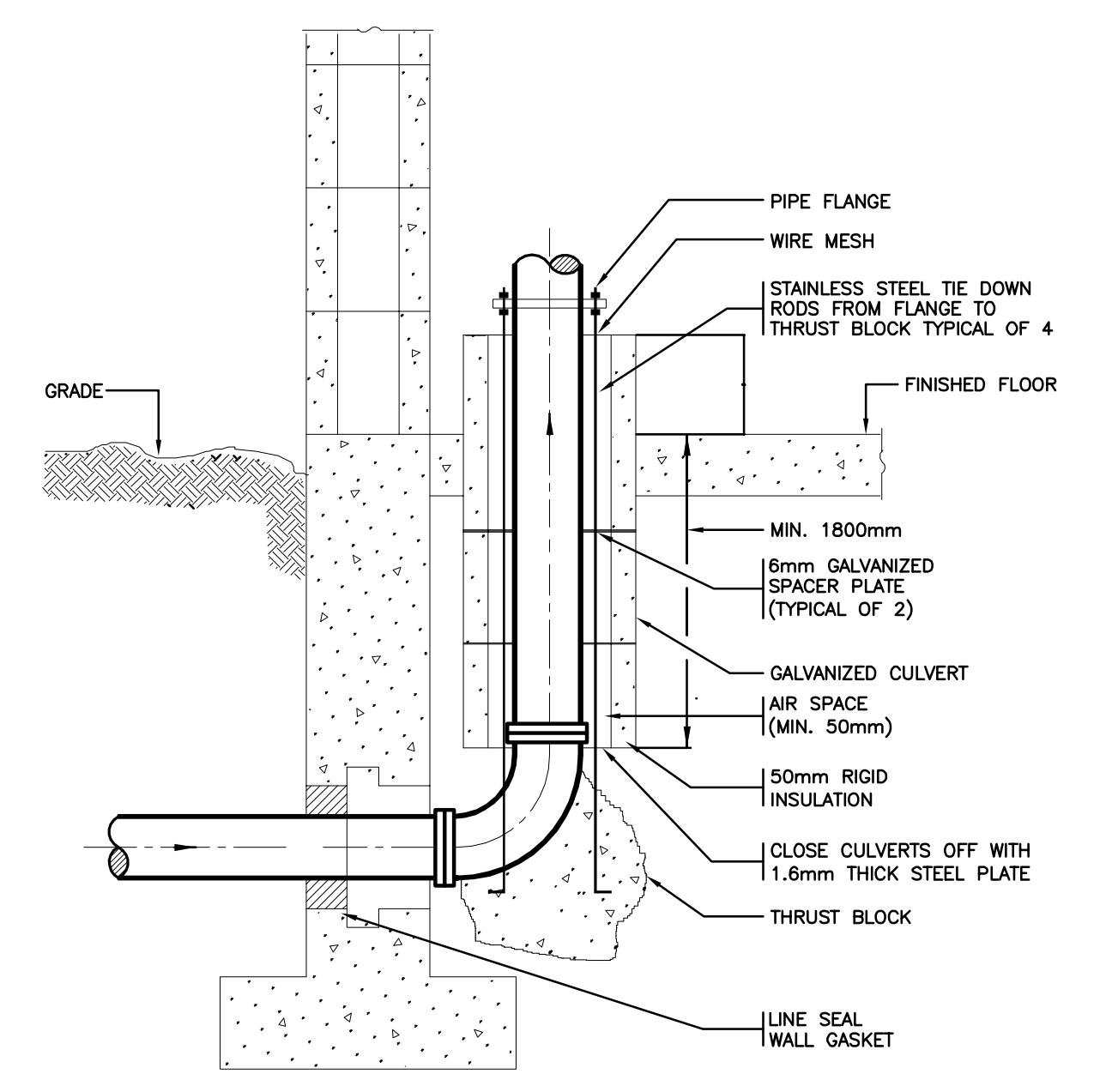
3 PIPE BEDDING DETAIL  
M23 NTS



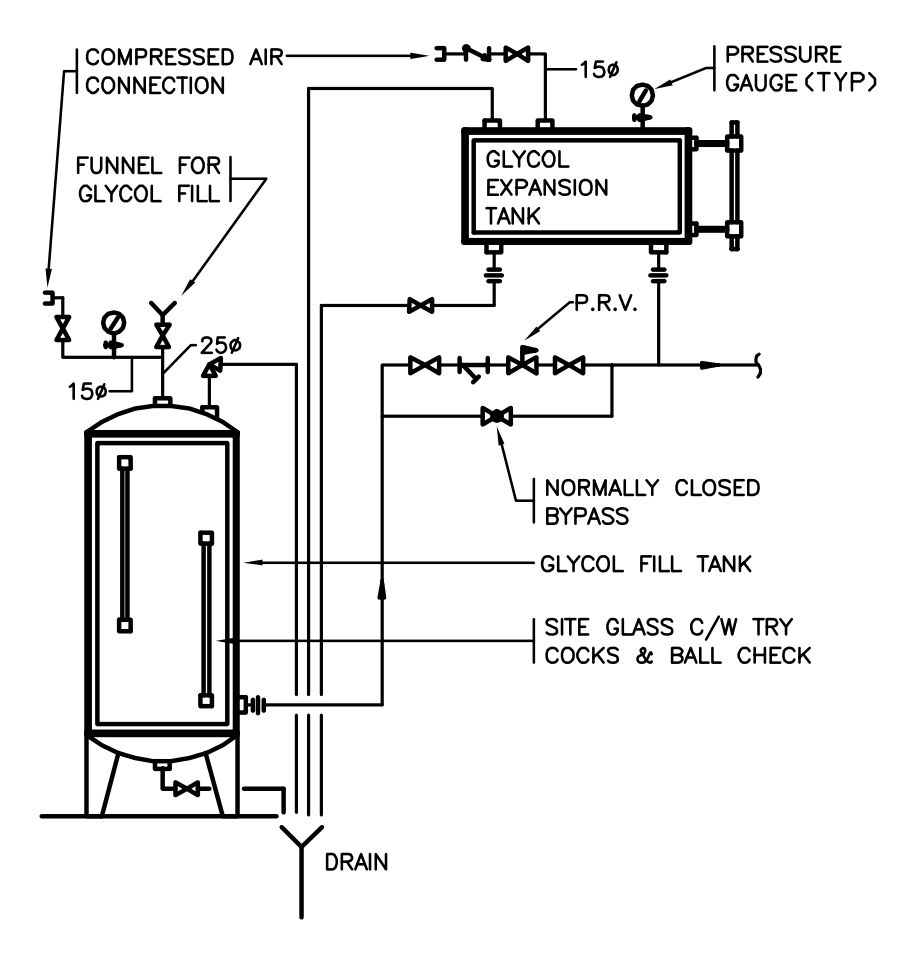
5 UNDERSLAB PIPE HANGER DETAIL  
M23 NTS



6 WATER METER DETAIL  
M23 NTS



8 UNDERGROUND WATER SERVICE ENTRY DETAIL  
M23 NTS



9 GLYCOL EXPANSION AND FILL TANK DETAIL  
M23 NTS

**BARR RYDER**  
ARCHITECTS & INTERIOR DESIGNERS  
210, 10190 - 104 St.  
Edmonton, Alberta T5J 1A7  
Canada  
Tel: (780) 423-6606  
Fax: (780) 423-3962

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TEL: (780) 423-1800 FAX: (780) 423-0205  
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KEYPLAN


1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT
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NO	DATE	DESCRIPTION
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REVISIONS

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PROJECT  
**900 STUDENT K-9 CORE SCHOOL**

SHEET TITLE  
**DETAILS**

Drawn LN Checked DJC

Project No. E07175 Date September 18, 2007

Scale NTS Sheet No. **M23**

**KEYPLAN**

NO	DATE	DESCRIPTION
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**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**

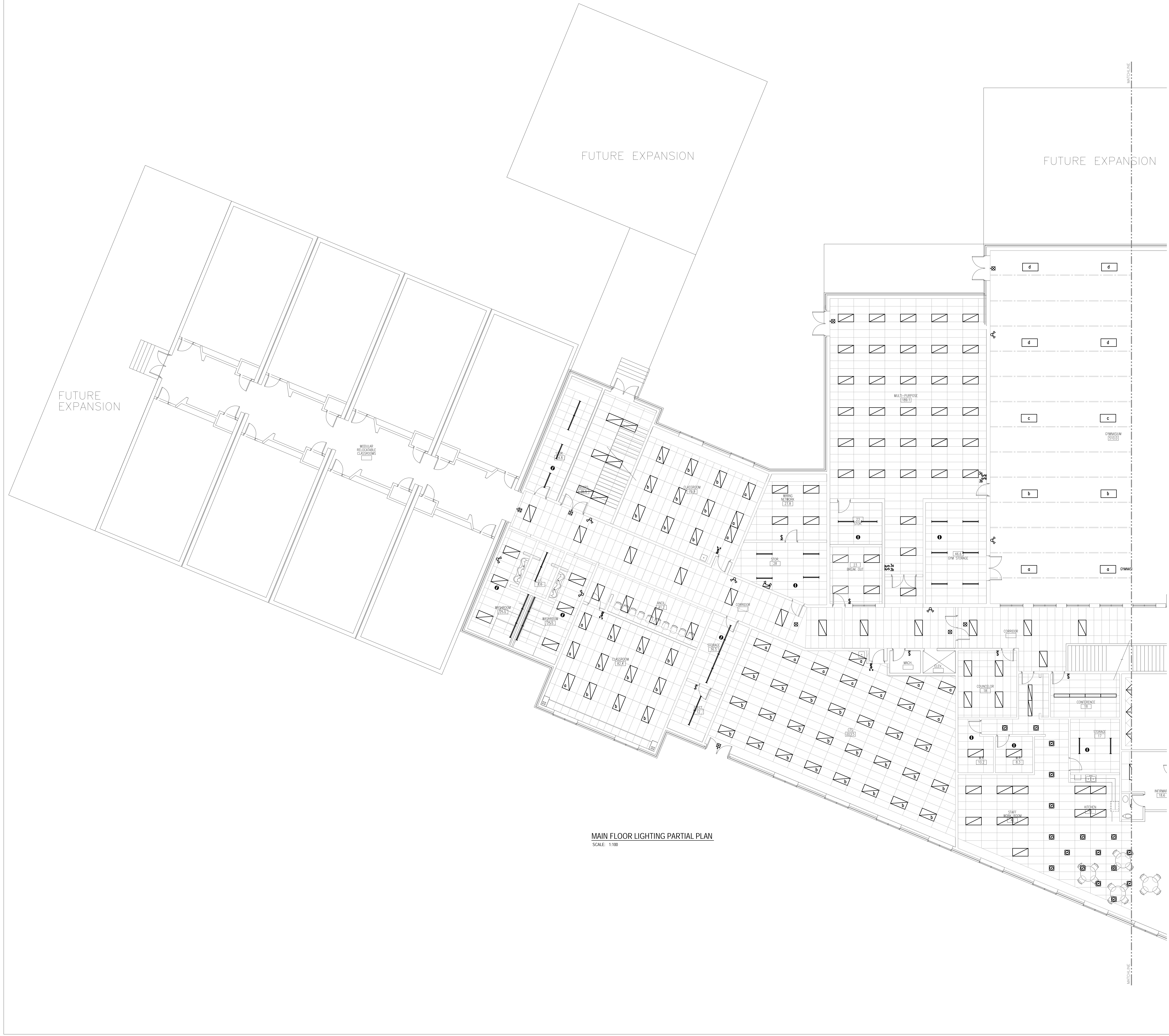
ALBERTA  
**SHEET TITLE**  
**MAIN FLOOR  
LIGHTING  
PARTIAL PLAN**

Drawn DPB	Checked BPR
Project No. 27336	Date SEPTEMBER 21, 2007

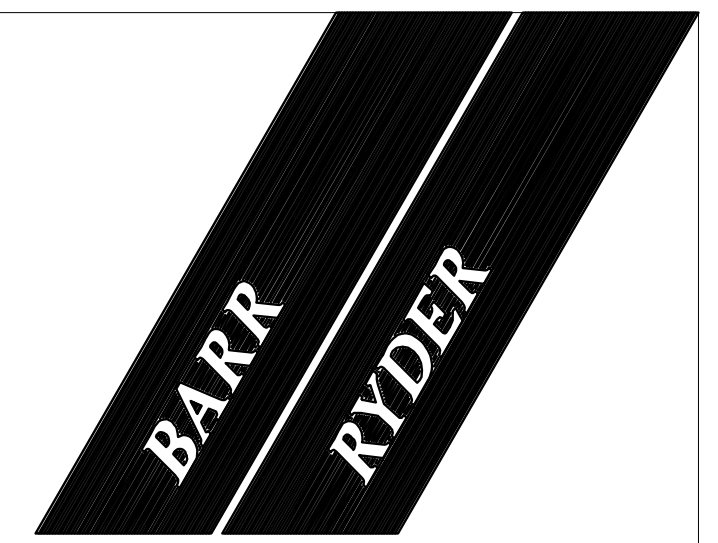
Scale  
1:100

Sheet No.  
**E1**

SYMBOL SCHEDULE	
<b>LIGHTING</b>	
[Symbol]	RECESSED 1'x4' FLUORESCENT LUMINAIRE
[Symbol]	RECESSED 2'x4' FLUORESCENT LUMINAIRE
[Symbol]	RECESSED 2'x2' FLUORESCENT LUMINAIRE
[Symbol]	SURFACE MOUNTED 2'x4' FLUORESCENT LUMINAIRE
[Symbol]	SURFACE MOUNTED 1'x4' FLUORESCENT LUMINAIRE
[Symbol]	SURFACE MOUNTED STRIP LIGHT
[Symbol]	SURFACE MOUNTED INCANDESCENT LUMINAIRE
[Symbol]	RECESSED INCANDESCENT DOWNLIGHT
[Symbol]	RECESSED COMPACT FLUORESCENT DOWNLIGHT
[Symbol]	WALL MOUNTED HID LUMINAIRE
[Symbol]	WALL MOUNTED COMPACT FLUORESCENT
[Symbol]	LINE VOLTAGE WALL SWITCH (LVS) - VOLUME CONTROL
[Symbol]	INDICATES LUMINAIRE TYPE "XX"
[Symbol]	OCCUPANCY SENSOR SWITCH
<b>POWER</b>	
[Symbol]	CEILING MOUNTED JUNCTION BOX
[Symbol]	SURFACE MOUNTED PANELBOARD
[Symbol]	WALL MOUNTED DUPLEX RECEPTACLE ("WP" = WEATHERPROOF)
[Symbol]	WALL MOUNTED FOURPLEX RECEPTACLE
[Symbol]	WALL MOUNTED G.F.I. DUPLEX RECEPTACLE
[Symbol]	ELECTRIC MOTOR
[Symbol]	ELECTRICAL DISCONNECT SWITCH
[Symbol]	WALL MOUNTED PUSH BUTTON
<b>FIRE ALARM</b>	
[Symbol]	FIRE ALARM CONTROL PANEL
[Symbol]	WALL MOUNTED EXIT LIGHT
[Symbol]	EMERGENCY LIGHT BATTERY PACK WITH DUAL HEAD
[Symbol]	EMERGENCY LIGHT DOUBLE REMOTE HEAD
[Symbol]	FIRE ALARM PULL STATION
[Symbol]	FIRE ALARM HORN/STROBE
[Symbol]	FIRE ALARM SMOKE DETECTOR
<b>SYSTEMS</b>	
[Symbol]	CEILING MOUNTED SPEAKER
[Symbol]	RECESSED CEILING MOUNTED SPEAKER
[Symbol]	WALL MOUNTED MICROPHONE OUTLET
[Symbol]	WALL MOUNTED SPEAKER HORN
[Symbol]	COMPUTER OUTLET
[Symbol]	TELEPHONE OUTLET
[Symbol]	DATA/VOICE OUTLET (1 DATA, 1 VOICE)
<b>SECURITY</b>	
[Symbol]	SECURITY DOOR CONTACT
[Symbol]	SECURITY KEYPAD



**MAIN FLOOR LIGHTING PARTIAL PLAN**  
SCALE: 1:100



**ARCHITECTS  
& INTERIOR  
DESIGNERS**  
210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
Fax: (780) 429-3962



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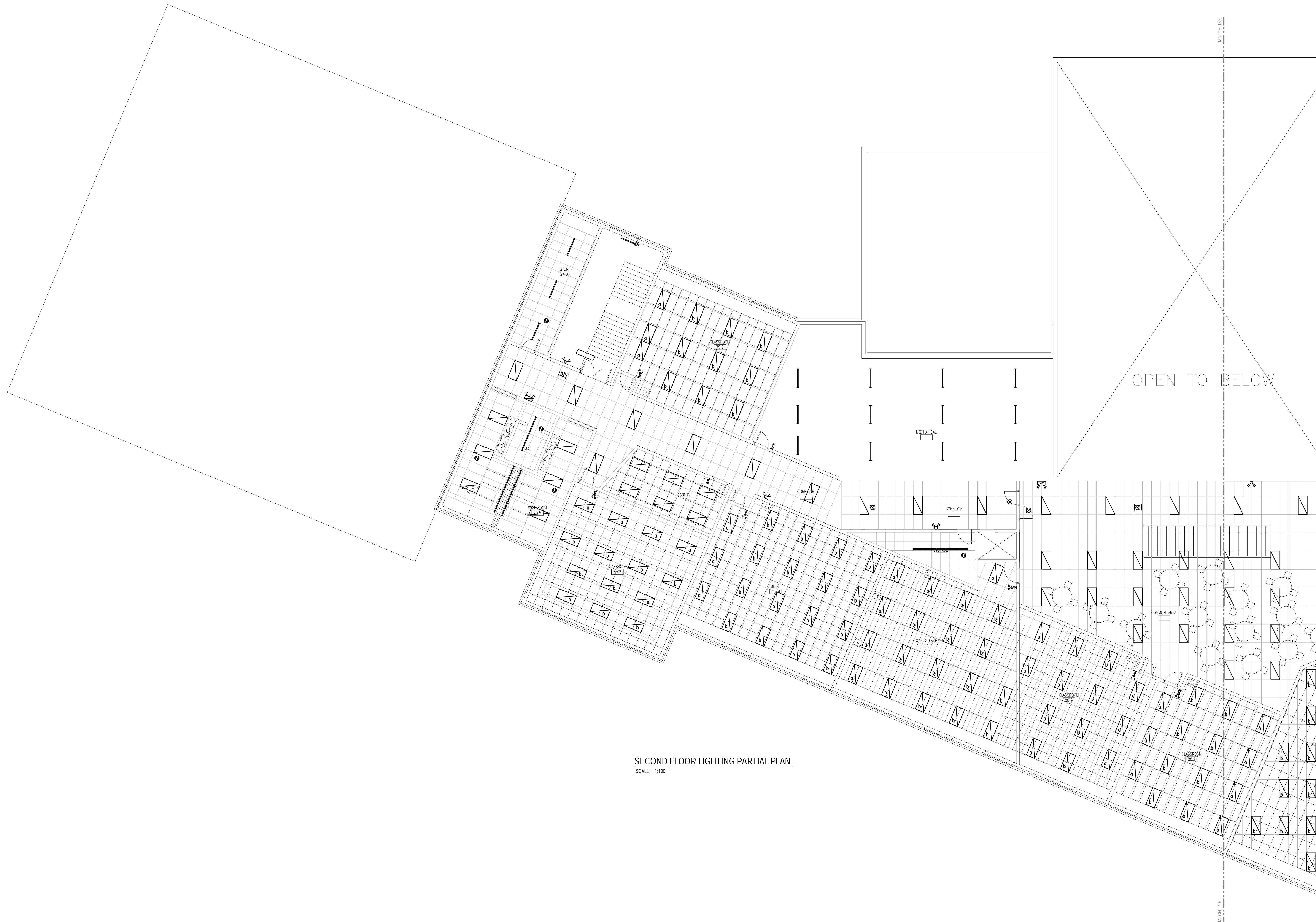
**PROJECT**  
900 STUDENT  
K-9 CORE SCHOOL

ALBERTA  
**SHEET TITLE**  
MAIN FLOOR  
LIGHTING  
PARTIAL PLAN

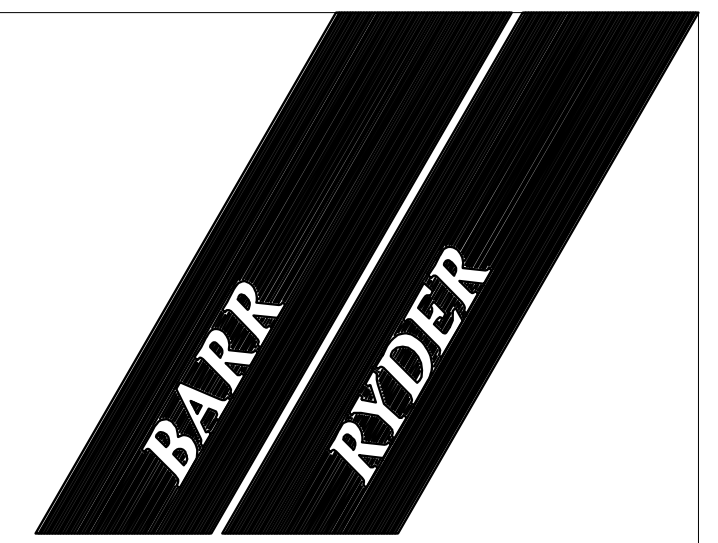
Drawn: DPB Checked: BPR

Project No.: 27335 Date: SEPTEMBER 21, 2007

Scale: 1:100 Sheet No.: **E2**



SECOND FLOOR LIGHTING PARTIAL PLAN  
SCALE: 1:100



**ARCHITECTS  
& INTERIOR  
DESIGNERS**  
210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
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KEYPLAN

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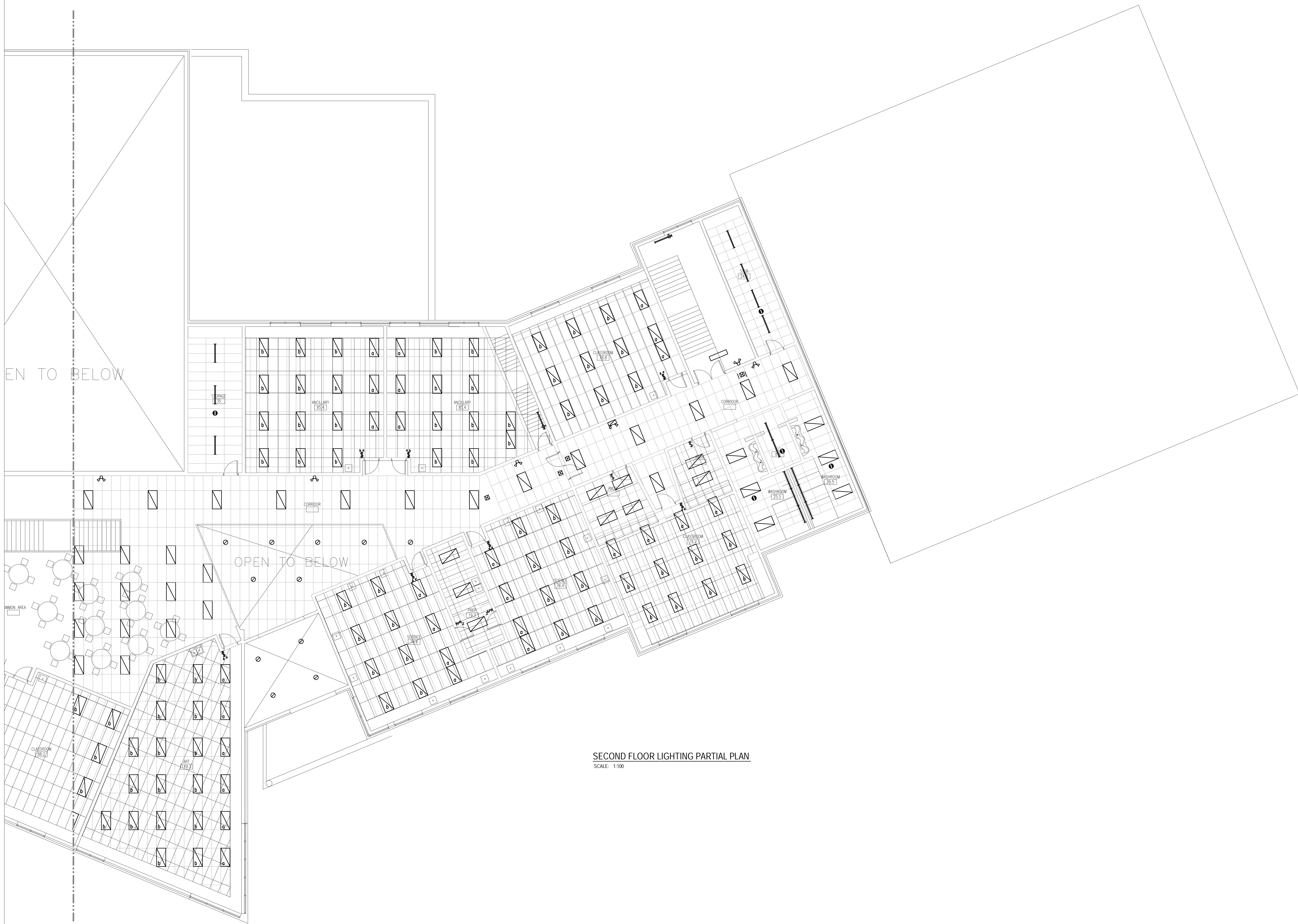
SEAL / PERMIT

PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

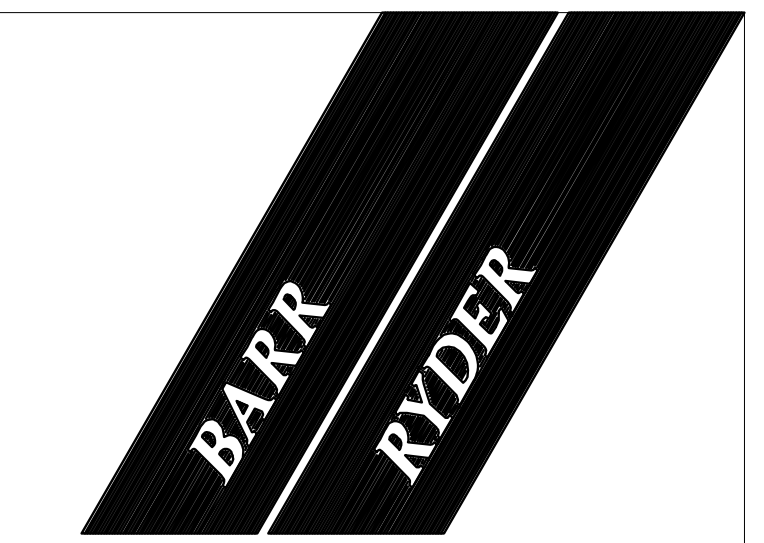
SHEET TITLE  
**SECOND FLOOR  
LIGHTING  
PARTIAL PLAN**

Drawn DPB	Checked BPR
Project No. 27335	Date SEPTEMBER 21, 2007

Scale 1:100	Sheet No. <b>E3</b>
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SECOND FLOOR LIGHTING PARTIAL PLAN  
SCALE: 1:100



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DESIGNERS**  
210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
Fax: (780) 429-3962

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"EDMONTON" "CALGARY" "ATLANTA"  
10900 - 118 Street, Edmonton, Alberta, T5H 3P5  
TEL: (780) 420-1800 FAX: (780) 420-0205  
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PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**SECOND FLOOR  
LIGHTING  
PARTIAL PLAN**

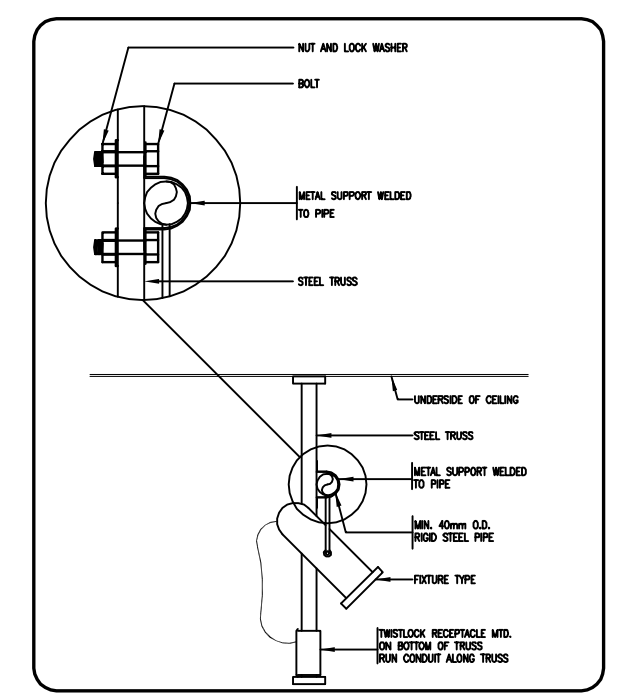
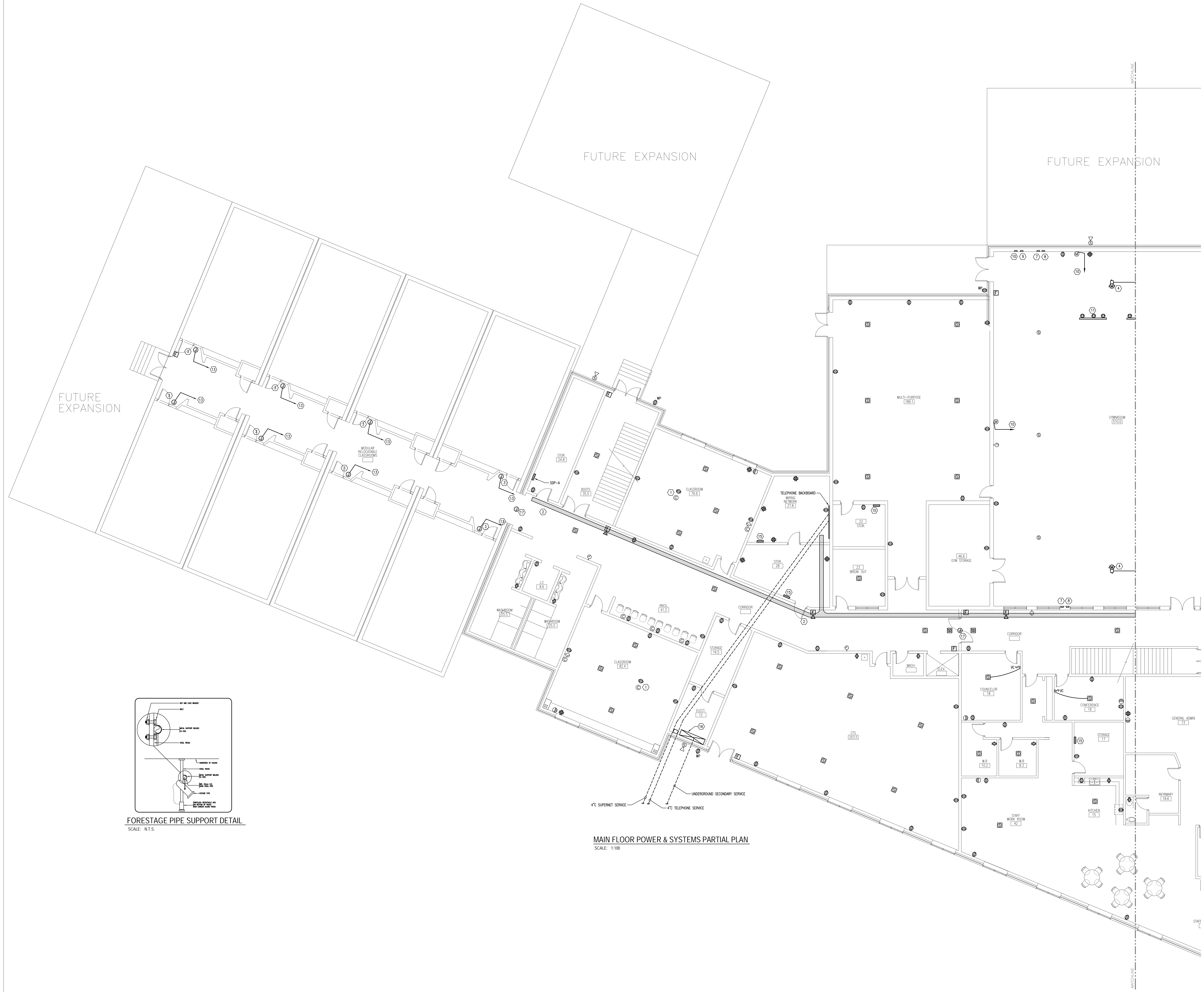
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Project No.: 27335 Date: SEPTEMBER 21, 2007

Scale: 1:100 Sheet No.: **E4**



- KEY NOTES:**
- 1 OVERHEAD PROJECTOR DATA AND POWER CONNECTION COORDINATE AND CONFIRM EXACT LOCATION OF PROJECTOR WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
  - 2 LADDER TYPE CABLE TRAY ACCESSIBLE FROM CEILING SPACE.
  - 3 JUNCTION BOX FOR POWER CONNECTION TO MODULAR CLASSROOMS.
  - 4 MOTORIZED BACKBOARDS.
  - 5 CONTROLLERS: UP, DOWN AND STOP FOR MOTORIZED BACKBOARDS.
  - 6 JUNCTION BOX FOR CONTROL OF SCOREBOARD.
  - 7 JUNCTION BOX FOR CONTROL OF SHOT CLOCK MOUNTED AT 2400mm AFF.
  - 8 JUNCTION BOX FOR POWER TO SHOT CLOCK.
  - 9 JUNCTION BOX FOR CONTROL OF SCOREBOARD MOUNTED AT 3300mm AFF.
  - 10 JUNCTION BOX FOR POWER TO SCOREBOARD MOUNTED AT 3300mm AFF.
  - 11 RUN 21mmC TO AMPLIFIER IN PHYS-ED OFFICE.
  - 12 TWISTLOCK RECEPTACLES FOR FORESTAGE LIGHTING - REFER TO DETAIL.
  - 13 RUN TO SUB DISTRIBUTION PANEL 'A'.
  - 14 RUN TO SUB DISTRIBUTION PANEL 'B'.
  - 15 BRANCH CIRCUIT PANEL.
  - 16 MAIN DISTRIBUTION CENTRE.
  - 17 JUNCTION BOX FOR DOOR SENTRONICS. TIE INTO FIRE ALARM SYSTEM.



**FORESTAGE PIPE SUPPORT DETAIL**  
SCALE: N.T.S.

**MAIN FLOOR POWER & SYSTEMS PARTIAL PLAN**  
SCALE: 1:100

**KEYPLAN**

NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

**REVISIONS**

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**PROJECT**  
**900 STUDENT  
K-9 CORE SCHOOL**

ALBERTA

**SHEET TITLE**  
**MAIN FLOOR  
POWER & SYSTEMS  
PARTIAL PLAN**

Drawn DPB	Checked BPR
Project No. 27335	Date SEPTEMBER 21, 2007

Scale  
1:1000

Sheet No.  
**E5**



MAIN FLOOR POWER & SYSTEMS PARTIAL PLAN  
SCALE: 1:100

- KEY NOTES:
- ① OVERHEAD PROJECTOR DATA AND POWER CONNECTION COORDINATE AND CONFIRM EXACT LOCATION OF PROJECTOR WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
  - ② LADDER TYPE CABLE TRAY ACCESSIBLE FROM CEILING SPACE.
  - ③ JUNCTION BOX FOR POWER CONNECTION TO MODULAR CLASSROOMS.
  - ④ MOTORIZED BACKBOARDS.
  - ⑤ CONTROLLERS: UP, DOWN AND STOP FOR MOTORIZED BACKBOARDS.
  - ⑥ JUNCTION BOX FOR CONTROL OF SCOREBOARD.
  - ⑦ JUNCTION BOX FOR CONTROL OF SHOT CLOCK MOUNTED AT 2400mm AFF.
  - ⑧ JUNCTION BOX FOR POWER TO SHOT CLOCK.
  - ⑨ JUNCTION BOX FOR CONTROL OF SCOREBOARD MOUNTED AT 3300mm AFF.
  - ⑩ JUNCTION BOX FOR POWER TO SCOREBOARD MOUNTED AT 3300mm AFF.
  - ⑪ RUN 21mmC TO AMPLIFIER IN PHYS-ED OFFICE.
  - ⑫ TWISTLOCK RECEPTACLES FOR FORESTAGE LIGHTING - REFER TO DETAIL.
  - ⑬ RUN TO SUB DISTRIBUTION PANEL 'A'.
  - ⑭ RUN TO SUB DISTRIBUTION PANEL 'B'.
  - ⑮ BRANCH CIRCUIT PANEL.
  - ⑯ MAIN DISTRIBUTION CENTRE.
  - ⑰ JUNCTION BOX FOR DOOR SENTRONICS. TIE INTO FIRE ALARM SYSTEM.

**BARR RYDER**  
ARCHITECTS & INTERIOR DESIGNERS  
210, 10190 - 104 St.  
Edmonton, Alberta T5J 1A7  
Canada  
Tel: (780) 423-6606  
Fax: (780) 429-3962

**ENGINEERING INC. HEMISPHERE**  
CONSULTING ENGINEERS  
"EDMONTON" "CALGARY" "ATLANTA"  
1060 - 118 Street, Edmonton, Alberta, T6H 3P5  
TEL: (780) 423-1800 FAX: (780) 423-0200  
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KEYPLAN

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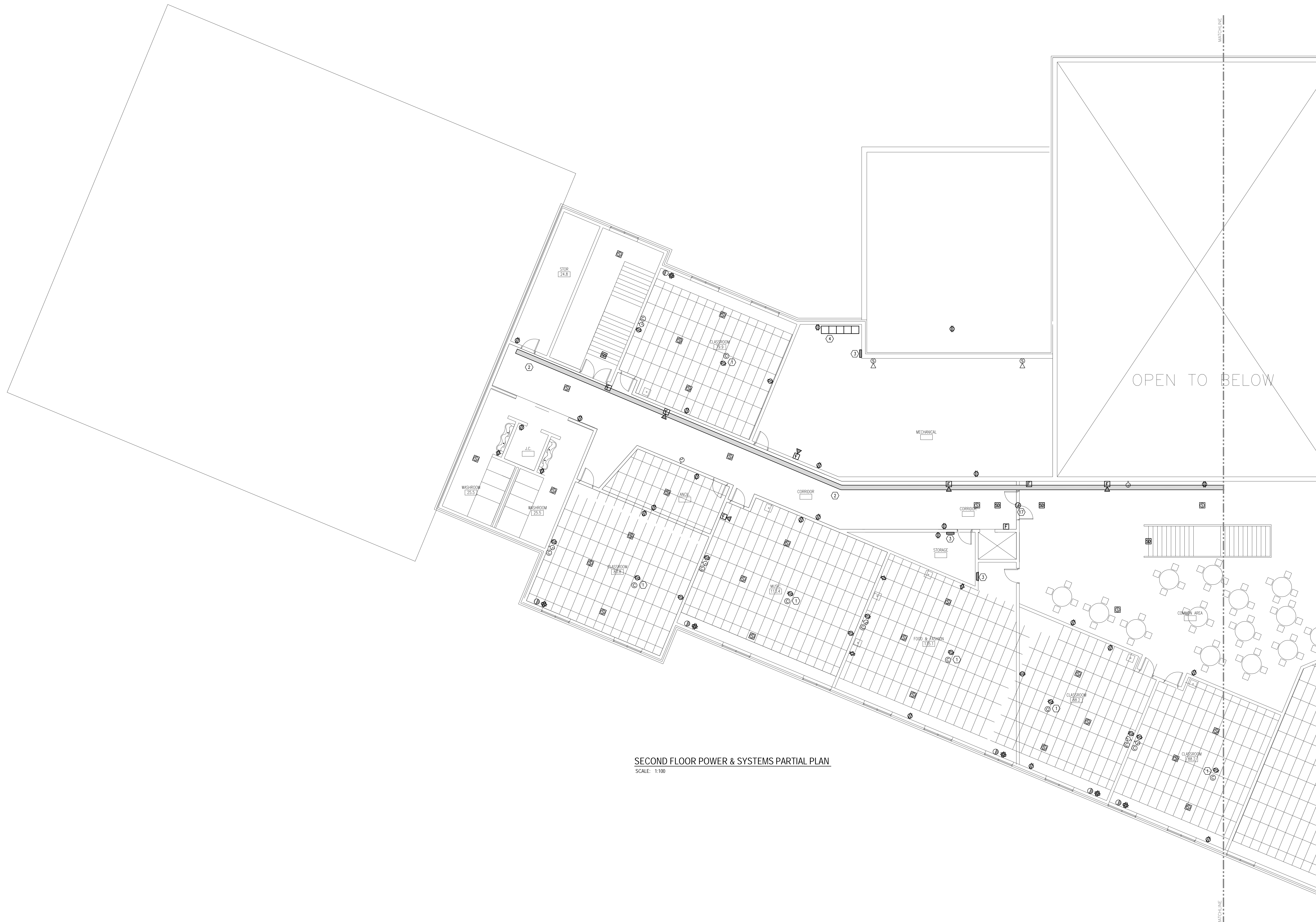
SEAL / PERMIT

PROJECT  
**900 STUDENT K-9 CORE SCHOOL**

SHEET TITLE  
**MAIN FLOOR POWER & SYSTEMS PARTIAL PLAN**

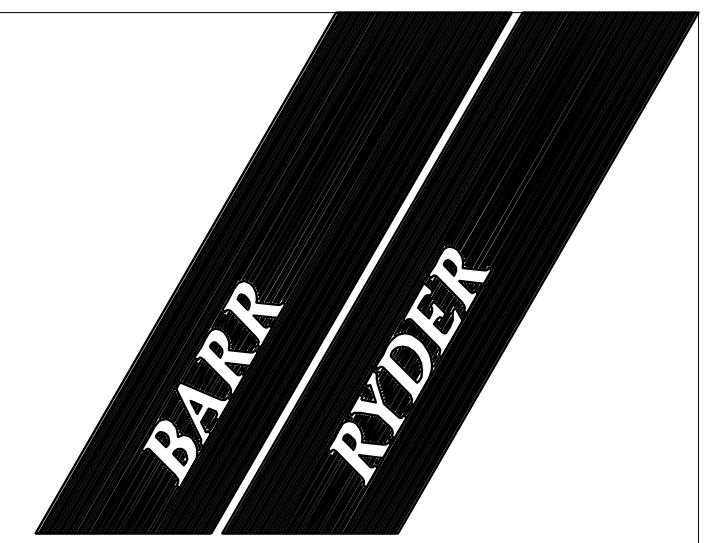
Drawn DPB	Checked BPR
Project No. 27335	Date SEPTEMBER 21, 2007

Scale 1:1000	Sheet No. <b>E6</b>
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SECOND FLOOR POWER & SYSTEMS PARTIAL PLAN  
SCALE: 1:100

- KEY NOTES:
- ① OVERHEAD PROJECTOR DATA AND POWER CONNECTION. COORDINATE AND CONFIRM EXACT LOCATION OF PROJECTOR WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.
  - ② LADDER TYPE CABLE TRAY ACCESSIBLE FROM CEILING SPACE.
  - ③ BRANCH CIRCUIT PANEL.
  - ④ MOTOR CONTROL CENTRE.
  - ⑤ JUNCTION BOX FOR DOOR SENTRONICS. TIE INTO FIRE ALARM SYSTEM.



ARCHITECTS  
& INTERIOR  
DESIGNERS  
210, 10190 - 104 St.  
Edmonton, Alberta T5J 1A7  
Canada  
Tel: (780) 423-6606  
Fax: (780) 429-3962

ENGINEERING INC.  
**HEMISPHERE**  
CONSULTING ENGINEERS  
"EDMONTON" "CALGARY" "ATLANTA"  
1060 - 118 Street, Edmonton, Alberta, T5R 3P5  
TEL: (780) 423-1800 FAX: (780) 423-0205  
HEM 887175

PROSTATIX  
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CONSTRUCTION PURPOSES

KEYPLAN

NO	DATE	DESCRIPTION
1	2007/10/31	ISSUED FOR FINAL DESIGN DEVELOPMENT

REVISIONS

SEAL / PERMIT

PROJECT  
**900 STUDENT  
K-9 CORE SCHOOL**

SHEET TITLE  
**SECOND FLOOR  
POWER & SYSTEMS  
PARTIAL PLAN**

Drawn DPB	Checked BPR
Project No. 27335	Date SEPTEMBER 21, 2007

Scale 1:1000	Sheet No. <b>E7</b>
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SECOND FLOOR POWER & SYSTEMS PARTIAL PLAN  
SCALE: 1:100

- KEY NOTES:
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ARCHITECTS  
& INTERIOR  
DESIGNERS  
210, 10190 - 104 St.  
Edmonton, Alberta  
Canada T5J 1A7  
Tel: (780) 423-6606  
Fax: (780) 429-3962

ENGINEERING INC.  
**HEMISPHERE**  
CONSULTING ENGINEERS  
"EDMONTON" "CALGARY" "ATLANTA"  
1060 - 118 Street, Edmonton, Alberta, T6H 3P5  
TEL: (780) 453-1800 FAX: (780) 453-0205  
HEM 887175

PROTOSTATIX  
ENGINEERING  
CONSULTANTS INC.

Alberta  
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PARTIAL PLAN**

Drawn: DPB Checked: BPR

Project No.: 27335 Date: SEPTEMBER 21, 2007

Scale: 1:1000 Sheet No.: **E8**