



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada



001 (0000) (0000) (0000)

LIST OF REVISIONS  
1.001 (0000) (0000) (0000)  
1.002 (0000) (0000) (0000)  
1.003 (0000) (0000) (0000)  
1.004 (0000) (0000) (0000)  
1.005 (0000) (0000) (0000)  
1.006 (0000) (0000) (0000)  
1.007 (0000) (0000) (0000)  
1.008 (0000) (0000) (0000)  
1.009 (0000) (0000) (0000)  
1.010 (0000) (0000) (0000)

# DESIGN FOR HARRY HACHEY CONFERENCE CENTER FIT-UP

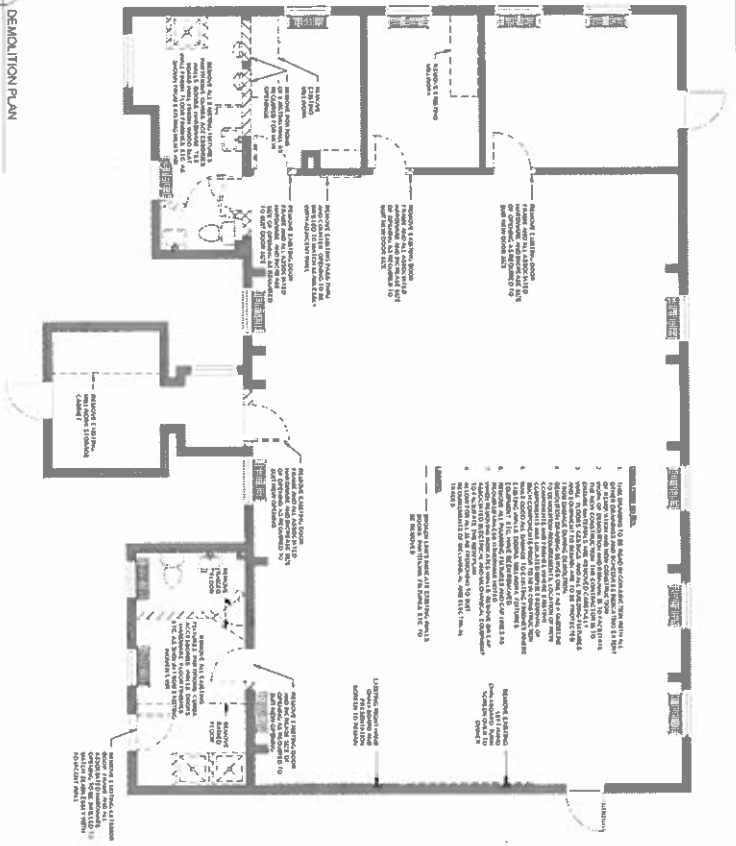
F5654-170009 FI1-2 PROJECT 9L651  
ST. ANDREWS BIOLOGICAL STATION, 531 BRANDY COVE RD.  
ST. ANDREWS, NB

Project: 17  
HARRY HACHEY  
CONFERENCE  
CENTER FIT-UP

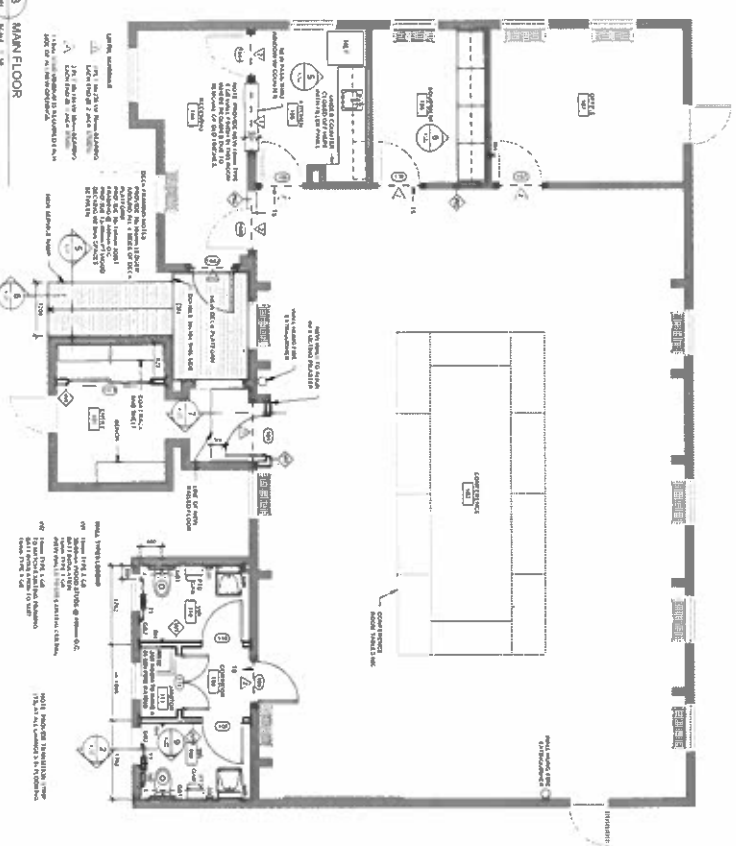
001 (0000) (0000) (0000)  
COVER SHEET

A000

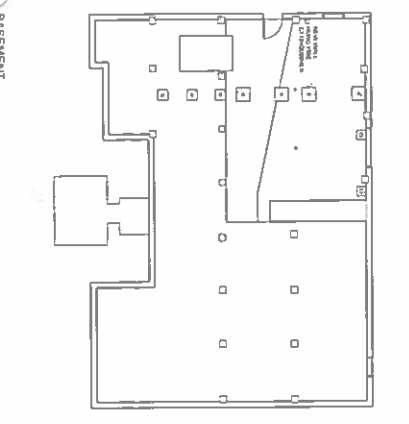
1 DEMOLITION PLAN  
Scale 1/8"



3 MAIN FLOOR  
Scale 1/8"



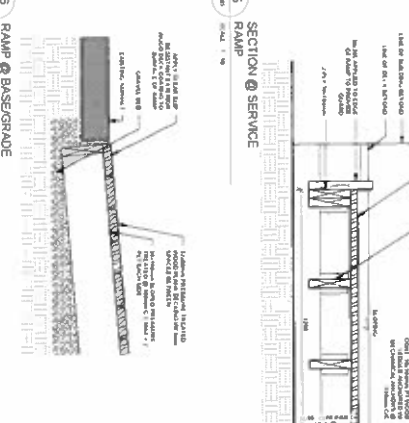
2 BASEMENT  
Scale 1/8"



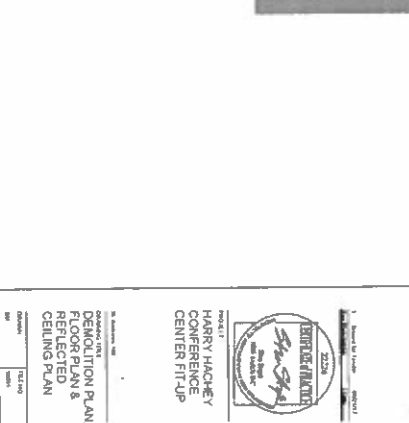
4 MAIN FLOOR REFLECTED  
Scale 1/8"



6 RAMP @ BASEGRADE  
Scale 1/8"



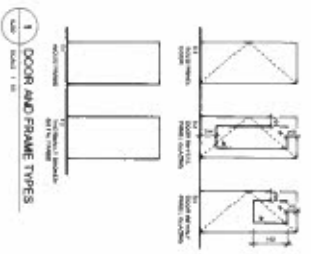
5 SECTION @ SERVICE  
Scale 1/8"



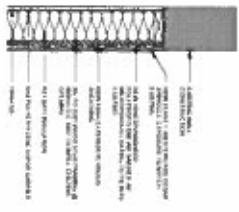

  
 HARRY HACHEY CONFERENCE CENTER BUILDING

DEMOLITION PLAN  
 FLOOR PLAN &  
 REFLECTED  
 CEILING PLAN  
 A201

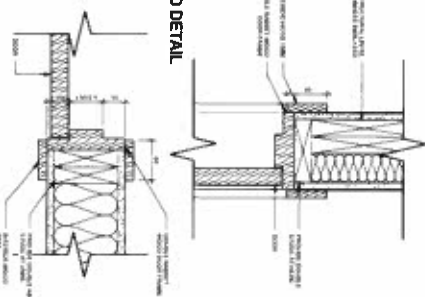
NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	WOOD DOOR	1	EA	1500.00	1500.00
2	WOOD FRAME	1	EA	1000.00	1000.00
3	GLASS PANEL	1	EA	2000.00	2000.00
4	DOOR HANDLE	1	EA	50.00	50.00
5	DOOR STOP	1	EA	50.00	50.00
6	DOOR LOCK	1	EA	100.00	100.00
7	DOOR SILL	1	EA	100.00	100.00
8	DOOR THRESHOLD	1	EA	100.00	100.00
9	DOOR STOP	1	EA	50.00	50.00
10	DOOR LOCK	1	EA	100.00	100.00
11	DOOR SILL	1	EA	100.00	100.00
12	DOOR THRESHOLD	1	EA	100.00	100.00
13	DOOR STOP	1	EA	50.00	50.00
14	DOOR LOCK	1	EA	100.00	100.00
15	DOOR SILL	1	EA	100.00	100.00
16	DOOR THRESHOLD	1	EA	100.00	100.00
17	DOOR STOP	1	EA	50.00	50.00
18	DOOR LOCK	1	EA	100.00	100.00
19	DOOR SILL	1	EA	100.00	100.00
20	DOOR THRESHOLD	1	EA	100.00	100.00
21	DOOR STOP	1	EA	50.00	50.00
22	DOOR LOCK	1	EA	100.00	100.00
23	DOOR SILL	1	EA	100.00	100.00
24	DOOR THRESHOLD	1	EA	100.00	100.00
25	DOOR STOP	1	EA	50.00	50.00
26	DOOR LOCK	1	EA	100.00	100.00
27	DOOR SILL	1	EA	100.00	100.00
28	DOOR THRESHOLD	1	EA	100.00	100.00
29	DOOR STOP	1	EA	50.00	50.00
30	DOOR LOCK	1	EA	100.00	100.00
31	DOOR SILL	1	EA	100.00	100.00
32	DOOR THRESHOLD	1	EA	100.00	100.00
33	DOOR STOP	1	EA	50.00	50.00
34	DOOR LOCK	1	EA	100.00	100.00
35	DOOR SILL	1	EA	100.00	100.00
36	DOOR THRESHOLD	1	EA	100.00	100.00
37	DOOR STOP	1	EA	50.00	50.00
38	DOOR LOCK	1	EA	100.00	100.00
39	DOOR SILL	1	EA	100.00	100.00
40	DOOR THRESHOLD	1	EA	100.00	100.00
41	DOOR STOP	1	EA	50.00	50.00
42	DOOR LOCK	1	EA	100.00	100.00
43	DOOR SILL	1	EA	100.00	100.00
44	DOOR THRESHOLD	1	EA	100.00	100.00
45	DOOR STOP	1	EA	50.00	50.00
46	DOOR LOCK	1	EA	100.00	100.00
47	DOOR SILL	1	EA	100.00	100.00
48	DOOR THRESHOLD	1	EA	100.00	100.00
49	DOOR STOP	1	EA	50.00	50.00
50	DOOR LOCK	1	EA	100.00	100.00



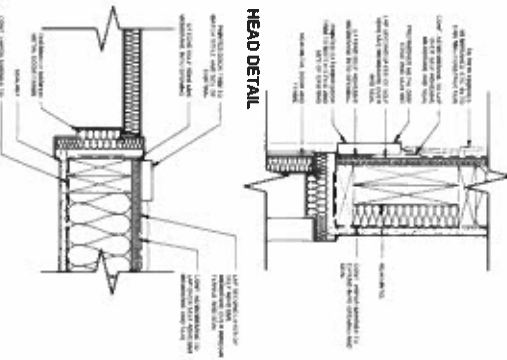
1 DOOR AND FRAME TYPES  
SCALE: 1/8" = 1'-0"



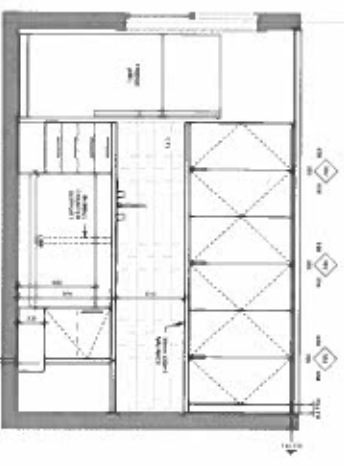
2 NITL & EXISTING EXTERIOR DOOR  
SCALE: 1/8" = 1'-0"



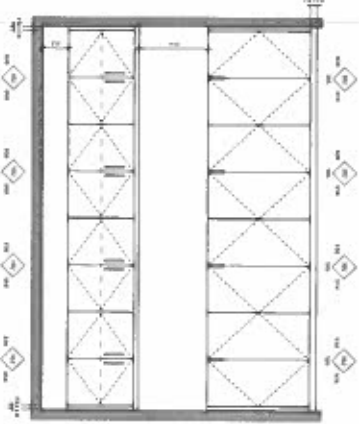
3 JAMB DETAIL TYPE INTERIOR WOOD FRAME DOOR DETAILS  
SCALE: 1/8" = 1'-0"



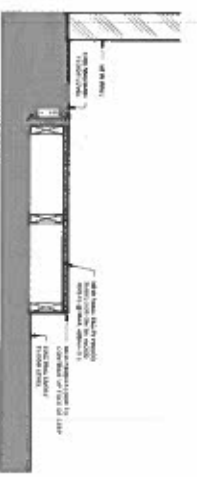
4 JAMB DETAIL EXTERIOR DOOR DETAILS  
SCALE: 1/8" = 1'-0"



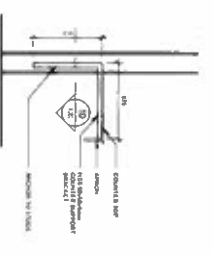
5 KITCHEN ELEVATION  
SCALE: 1/8" = 1'-0"



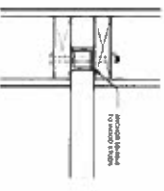
6 EQUIPMENT ROOM ELEVATION  
SCALE: 1/8" = 1'-0"



7 SECTION & NEW RAISED FLOOR  
SCALE: 1/8" = 1'-0"



8 TYP. INWALL ANGLE BRACKET & COUNTER  
SCALE: 1/8" = 1'-0"



10 STEEL ANGLE SECTION  
SCALE: 1/8" = 1'-0"



9 MR ELEVATION  
SCALE: 1/8" = 1'-0"

NO.	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	WOOD DOOR	1	EA	1500.00	1500.00
2	WOOD FRAME	1	EA	1000.00	1000.00
3	GLASS PANEL	1	EA	2000.00	2000.00
4	DOOR HANDLE	1	EA	50.00	50.00
5	DOOR STOP	1	EA	50.00	50.00
6	DOOR LOCK	1	EA	100.00	100.00
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47	DOOR SILL	1	EA	100.00	100.00
48	DOOR THRESHOLD	1	EA	100.00	100.00
49	DOOR STOP	1	EA	50.00	50.00
50	DOOR LOCK	1	EA	100.00	100.00

THIS DRAWING IS PROVIDED TO REFLECT THE CLIENT LETTER OR SPECIFICATIONS AND SHALL NOT BE CONSIDERED A CONTRACT DOCUMENT. THE CLIENT SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED TO EMERT ENGINEERING. EMERT ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DRAWING. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THIS DRAWING IS THE PROPERTY OF EMERT ENGINEERING AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF EMERT ENGINEERING. ANY UNAUTHORIZED USE OF THIS DRAWING SHALL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL ENGINEERING ACT. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THIS DRAWING IS THE PROPERTY OF EMERT ENGINEERING AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF EMERT ENGINEERING. ANY UNAUTHORIZED USE OF THIS DRAWING SHALL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL ENGINEERING ACT.

REVISIONS  
 NO. DATE DESCRIPTION  
 1 11/15/2011 PRELIMINARY  
 2 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 3 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 4 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 5 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 6 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 7 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 8 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 9 11/15/2011 REVISIONS TO MECHANICAL UNIT  
 10 11/15/2011 REVISIONS TO MECHANICAL UNIT

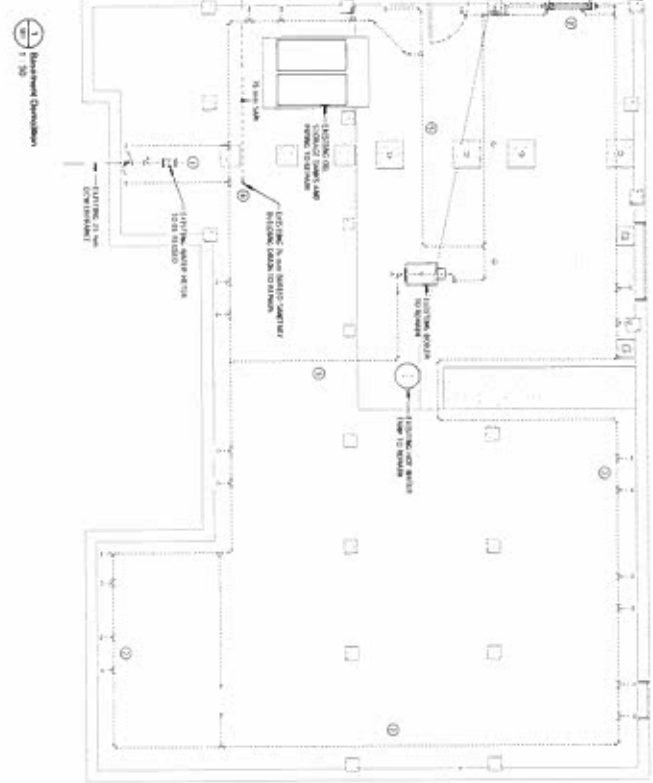
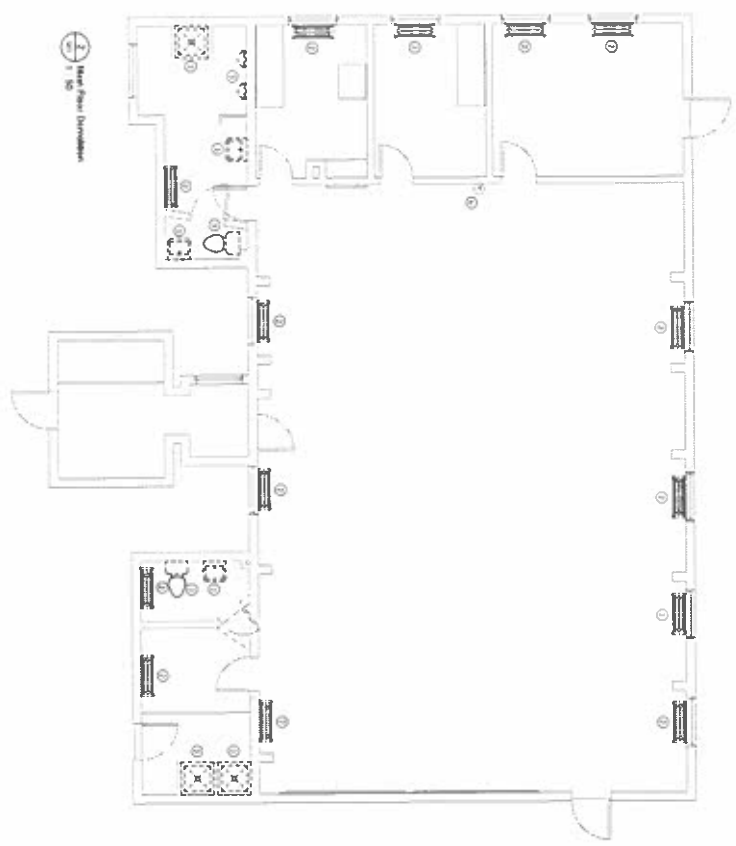
PROJECT  
**HARRY HOCKEY  
 CONFERENCE CENTER**

DATE  
 11/15/2011

PROJECT  
**HARRY HOCKEY  
 CONFERENCE CENTER**

MECHANICAL UNIT  
**MECHANICAL  
 DEMOLITION**

DATE  
**M1**



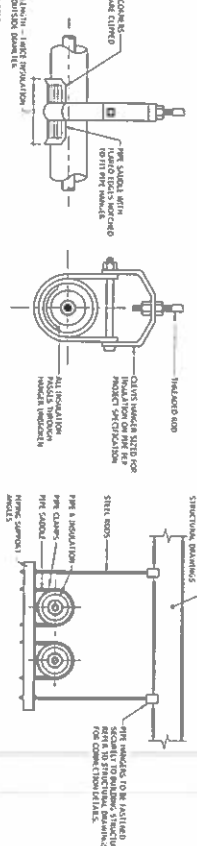
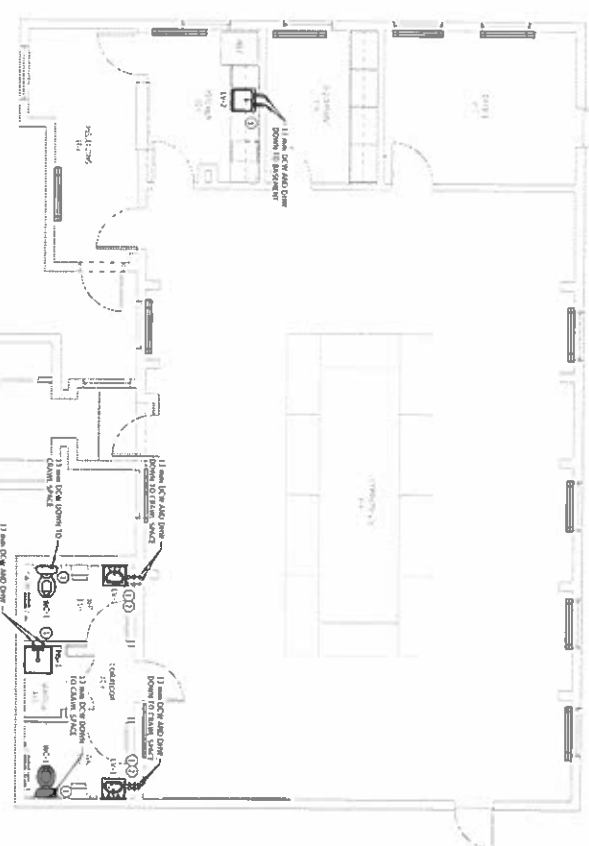
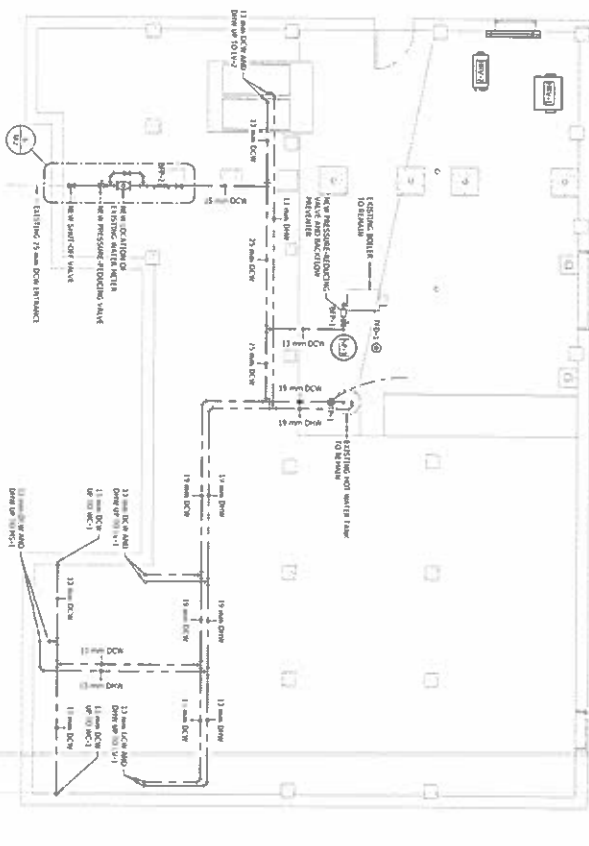
1. THIS DRAWING IS PROVIDED TO REFLECT THE CLIENT LETTER OR SPECIFICATIONS AND SHALL NOT BE CONSIDERED A CONTRACT DOCUMENT. THE CLIENT SHALL BE RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL INFORMATION PROVIDED TO EMERT ENGINEERING. EMERT ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS IN THIS DRAWING. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THIS DRAWING IS THE PROPERTY OF EMERT ENGINEERING AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF EMERT ENGINEERING. ANY UNAUTHORIZED USE OF THIS DRAWING SHALL BE CONSIDERED A VIOLATION OF THE PROFESSIONAL ENGINEERING ACT.
2. REVISIONS
3. PROJECT
4. DATE
5. MECHANICAL UNIT
6. DEMOLITION
7. DATE
8. PROJECT
9. CONFERENCE CENTER
10. DATE

NO.	DATE	DESCRIPTION
1	11/15/2011	PRELIMINARY
2	11/15/2011	REVISIONS TO MECHANICAL UNIT
3	11/15/2011	REVISIONS TO MECHANICAL UNIT
4	11/15/2011	REVISIONS TO MECHANICAL UNIT
5	11/15/2011	REVISIONS TO MECHANICAL UNIT
6	11/15/2011	REVISIONS TO MECHANICAL UNIT
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10	11/15/2011	REVISIONS TO MECHANICAL UNIT

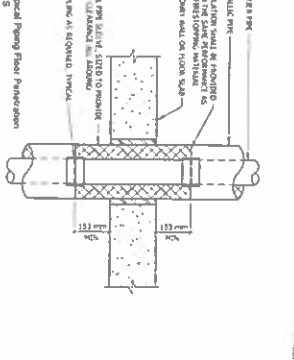


**RANDY HICKEY & ASSOCIATES, INC.**  
MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, ENERGY CONSERVATION, AND CONSTRUCTION MANAGEMENT

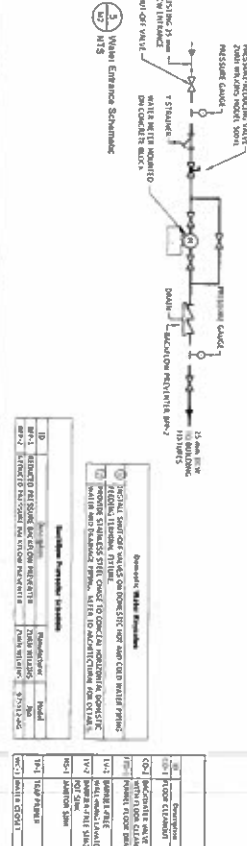
THIS DRAWING IS INTENDED TO BE USED AS A GUIDE ONLY. IT IS NOT TO BE USED AS A BASIS FOR CONTRACTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL INFORMATION AND CONDITIONS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT AREAS AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS TO ORIGINAL OR BETTER CONDITION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT AREAS AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS TO ORIGINAL OR BETTER CONDITION.



**1. PIPE PENETRATION THROUGH WALL**  
 1. ALL PENETRATION THROUGH WALLS SHALL BE MADE IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:  
 a. ALL PENETRATION THROUGH WALLS SHALL BE MADE THROUGH EXISTING WALLS.  
 b. ALL PENETRATION THROUGH WALLS SHALL BE MADE THROUGH EXISTING WALLS.  
 c. ALL PENETRATION THROUGH WALLS SHALL BE MADE THROUGH EXISTING WALLS.  
 d. ALL PENETRATION THROUGH WALLS SHALL BE MADE THROUGH EXISTING WALLS.



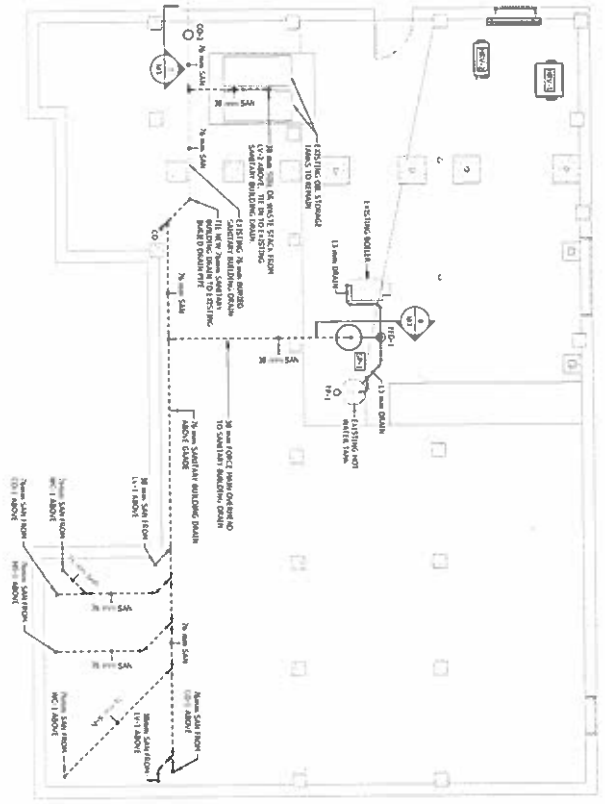
**2. TYPICAL PIPING FLOOR PENETRATION**  
 1. ALL PENETRATION THROUGH FLOORS SHALL BE MADE IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:  
 a. ALL PENETRATION THROUGH FLOORS SHALL BE MADE THROUGH EXISTING FLOORS.  
 b. ALL PENETRATION THROUGH FLOORS SHALL BE MADE THROUGH EXISTING FLOORS.  
 c. ALL PENETRATION THROUGH FLOORS SHALL BE MADE THROUGH EXISTING FLOORS.  
 d. ALL PENETRATION THROUGH FLOORS SHALL BE MADE THROUGH EXISTING FLOORS.



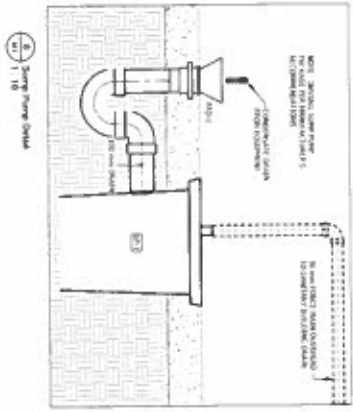
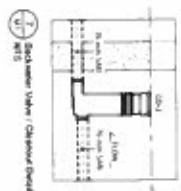
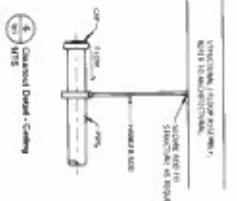
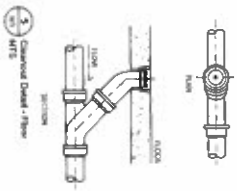
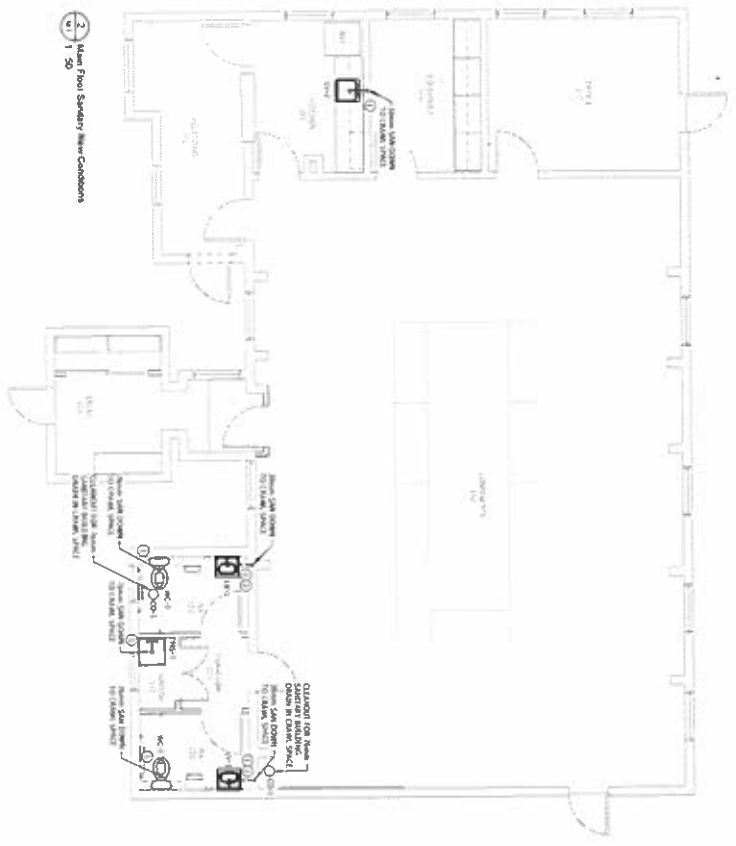
**3. PIPING RISER DETAIL**  
 1. ALL PIPING RISERS SHALL BE MADE IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:  
 a. ALL PIPING RISERS SHALL BE MADE THROUGH EXISTING WALLS.  
 b. ALL PIPING RISERS SHALL BE MADE THROUGH EXISTING WALLS.  
 c. ALL PIPING RISERS SHALL BE MADE THROUGH EXISTING WALLS.  
 d. ALL PIPING RISERS SHALL BE MADE THROUGH EXISTING WALLS.

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
1	PIPE PENETRATION THROUGH WALL	1	EA	100.00	100.00
2	TYPICAL PIPING FLOOR PENETRATION	1	EA	100.00	100.00
3	PIPING RISER DETAIL	1	EA	100.00	100.00

Basement Secondary New Conditions



1st Floor Secondary New Conditions



Legend	
○	CLIMATE FOR NEW
○	CLIMATE FOR EXISTING
○	CLIMATE FOR EXISTING (WITH NEW)
○	CLIMATE FOR EXISTING (WITH NEW) (WITH NEW)
○	CLIMATE FOR EXISTING (WITH NEW) (WITH NEW) (WITH NEW)
○	CLIMATE FOR EXISTING (WITH NEW) (WITH NEW) (WITH NEW) (WITH NEW)

Sump Pit Detail	
1.5\"/>	

**LAND ENGINEERING**  
 10000 16th Avenue S.W.  
 Surrey, BC V4N 1C4  
 Tel: 604-273-1111  
 Fax: 604-273-1112  
 www.landengr.com

THIS DRAWING IS INTENDED TO REFLECT THE CURRENT STATUS OF THE PROJECT AND IS NOT TO BE USED AS A CONTRACT DOCUMENT. THE CLIENT ACCEPTS RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE INFORMATION PROVIDED BY THE CLIENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AUTHORITIES.

**Harry Hechler**  
 Conference Center  
 214-388-1111  
 214-388-1112  
 www.harryhechler.com

M3



