



UNITED ENGINEERING INC
Mechanical and Electrical Consulting Engineers

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SITE INSTRUCTION

PROJECT: HAMPTON MANOR
25 BAKER HILL BLVD
STOUFFVILLE, ONTARIO

PROJECT NO: 14-016

CONTRACT: Mechanical

DATE May 17, 2017

SITE INSTRUCTION: M-4

THIS SITE INSTRUCTION IS NOT TO BE CONSTRUED AS A CHANGE IN THE CONTRACT PRICE, BUT IS ISSUED FOR CLARIFICATION ONLY. IF A CHANGE IN CONTRACT PRICE IS PERCEIVED, PROVIDE AN ITEMIZED BREAKDOWN OF ANY EXTRAS OR CREDITS WITHIN SEVEN (7) WORKING DAYS.

Purpose: Revised combined suite to suit architectural new layout.

1.0 Reference Drawing M-10, M-12, M-13 (2nd Floor Plan) Issued

1.1 Revised: Mechanical layout.

2.0 Reference Drawing M-15, M-17, M-18 (3rd & 4th Floor Plan) Issued

2.1 Revised: Mechanical layout.

3.0 Reference Drawing M-20, M-22, M-23 (5th Floor Plan) Issued

3.1 Revised: Mechanical layout.

4.0 Reference Drawing M-37 (Plumbing Riser) Issued

4.1 Revised: Plumbing riser to suit new architectural layout.

Note: The site instruction & drawings will be uploaded to FTP SITE

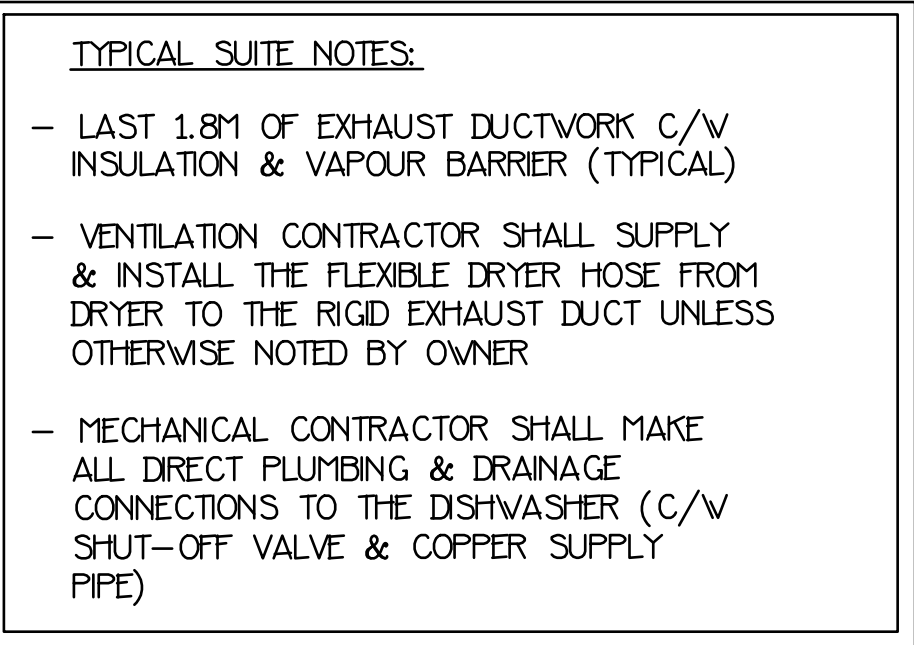
Project #14-016
Hampton Manor

PREPARED BY:


Leon Bai
Mechanical Department

ISSUED TO ROYAL PINE HOMES,
Frank Carogioiello, frank@royalpinehomes.com;
Kelly Watson, Kelly@royalpinehomes.com;
J Beech, jay@royalpinehomes.com
FOR DISTRIBUTION TO ALL AFFECTED PARTIES.

cc. GRAZIANI + CORAZZA ARCH. INC.,
Gino Colangelo, GColangelo@gc-architects.com
DINEEN CONSTRUCTION CORP., Ric Wight, rwight@dineen.com

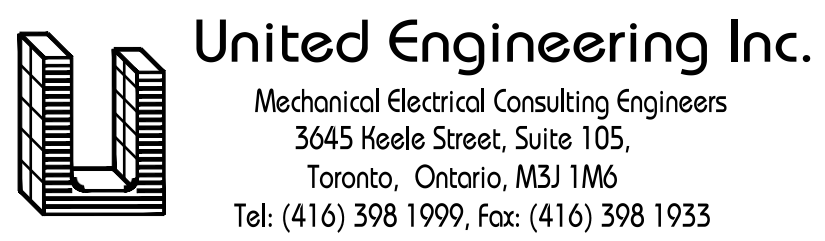


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DRAWN GC	CHECKED BT	SCALE 1:100
DATE JUNE 2015	PROJECT 14-016	DRAWING M-10 OF 42

NOTE: FULLY SPRINKLERED BUILDING
FOR FIRE PROTECTION DESIGN PLEASE
REFER TO DISANO SPRINKLER DESIGN
LIMITED DRAWINGS.

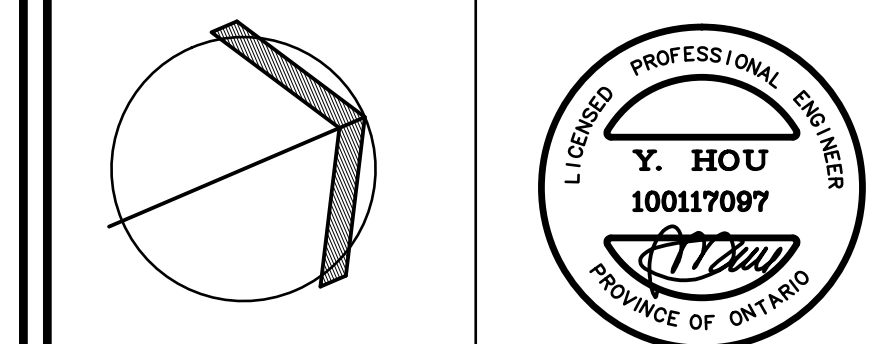


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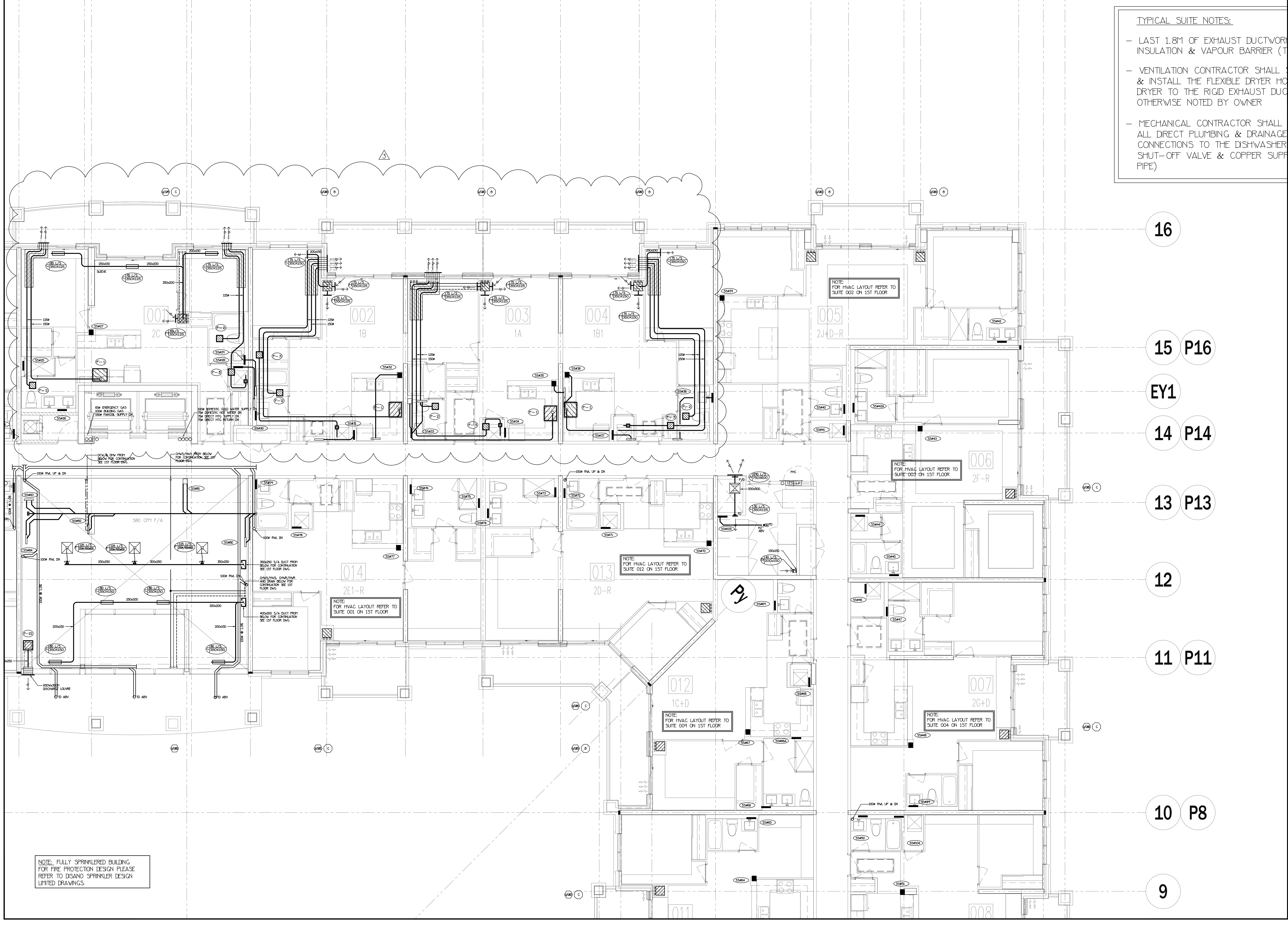
United Engineering Inc.
Mechanical Electrical Consulting Engineers
3645 Keele Street, Suite 105,
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Tel: (416) 398 1999, Fax: (416) 398 1933

TITLE
**2ND FLOORS PLAN
MECHANICAL**

25 BAKER HILL BLVD.
ROYAL PINE HOMES

STOUFFVILLE, ONTARIO
PROPOSED RESIDENTIAL DEVELOPMENT

DRAWN	CHECKED	SCALE
GC	BT	1:50
DATE	PROJECT	DRAWING
JUNE 2015	14-016	M-12
		OF 42

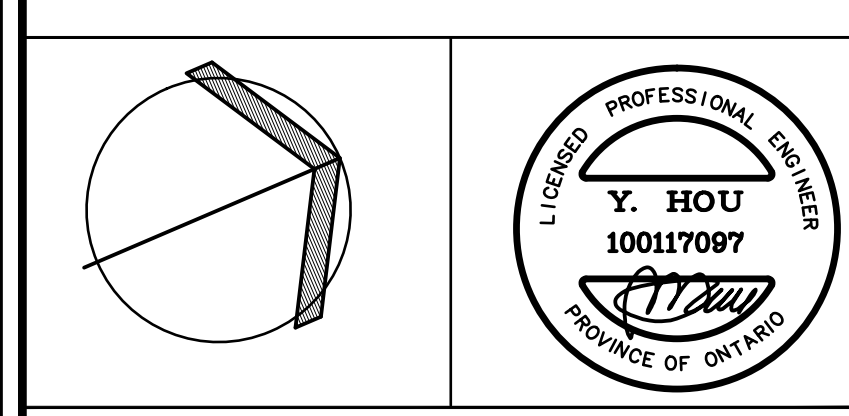


- TYPICAL SUITE NOTES:
- LAST 1.8M OF EXHAUST DUCTWORK INSULATION & VAPOUR BARRIER (T
 - VENTILATION CONTRACTOR SHALL & INSTALL THE FLEXIBLE DRYER HO DRYER TO THE RIGID EXHAUST DUC OTHERWISE NOTED BY OWNER
 - MECHANICAL CONTRACTOR SHALL ALL DIRECT PLUMBING & DRAINAGE CONNECTIONS TO THE DISHWASHER SHUT-OFF VALVE & COPPER SUPP PIPE)

NO.	BY	DESCRIPTION	DATE
3	LB	ISSUED AS PER SITE INSTRUCTION M-4	MAY/16/2017
2	LH	ISSUED FOR PERMIT	DEC/28/2016
1	LH	ISSUED FOR TENDER	MAR/21/2016

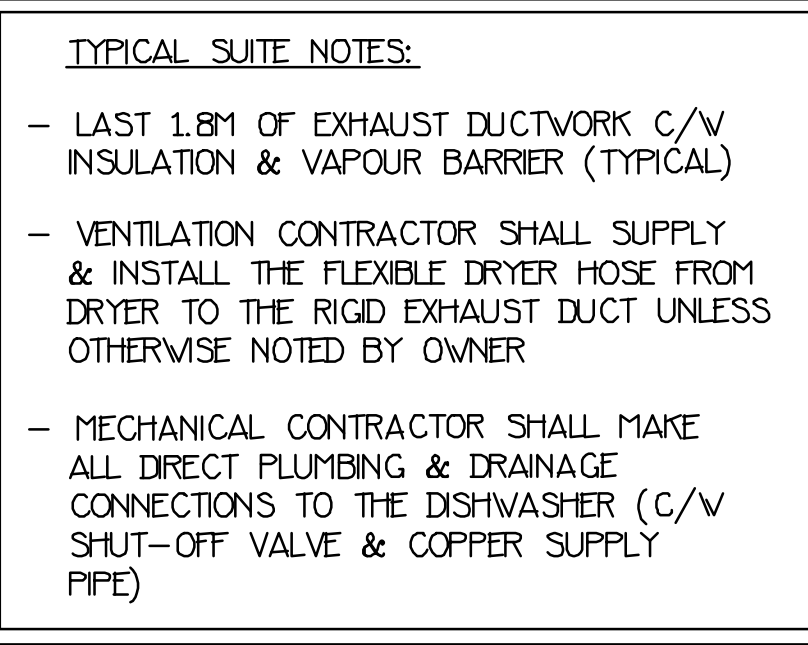
REVISIONS

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TITLE 2ND FLOORS PLAN MECHANICAL			
PROJECT 25 BAKER HILL BLVD. ROYAL PINE HOMES			
STOUFFVILLE, ONTARIO		PROPOSED RESIDENTIAL DEVELOPMENT	
DRAWN GC	CHECKED BT	SCALE 1:50	DRAWING M-13
DATE JUNE 2015	PROJECT 14-016	OF 42	



3	LD	ISSUED AS PER SITE INSTRUCTION M-4	MAY/16/2017
2	LM	ISSUED FOR PERMIT	DEC/28/2016
1	LM	ISSUED FOR TENDER	MAR/21/2016

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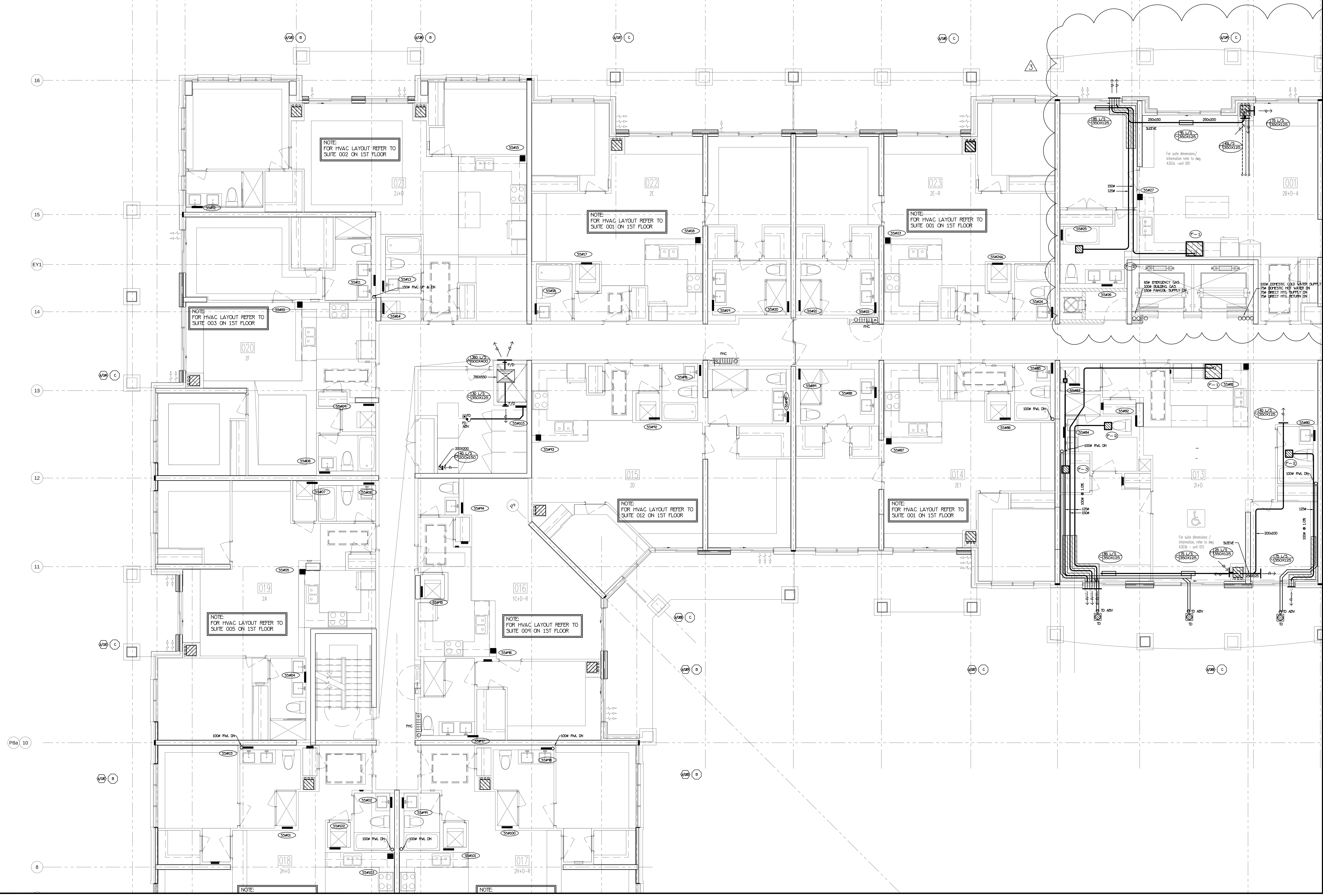
TITLE

PART 3RD AND 4TH FLOORS
MECHANICAL

PROJECT
25 BAKER HILL BLVD.
ROYAL PINE HOMES

STOUFFVILLE, ONTARIO
PROPOSED RESIDENTIAL DEVELOPMENT

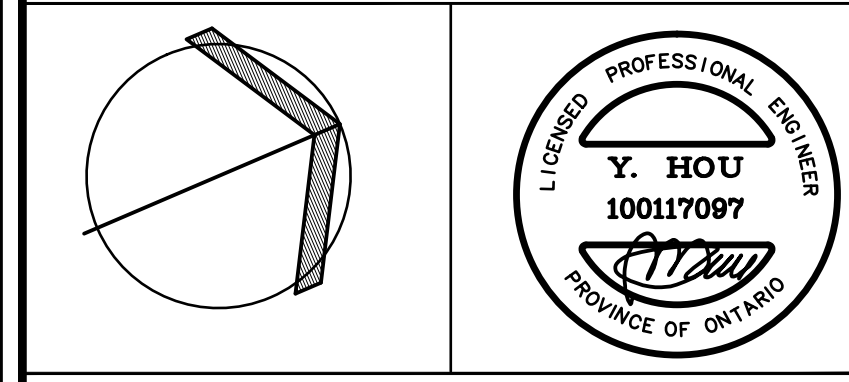
DRAWN GC	CHECKED BT	SCALE 1:100
DATE JUNE 2015	PROJECT 14-016	DRAWING M-15 OF 42



NO.	BY	DESCRIPTION	DATE
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2	LH	ISSUED FOR PERMIT	DEC/28/2016
1	LH	ISSUED FOR TENDER	MAR/21/2016

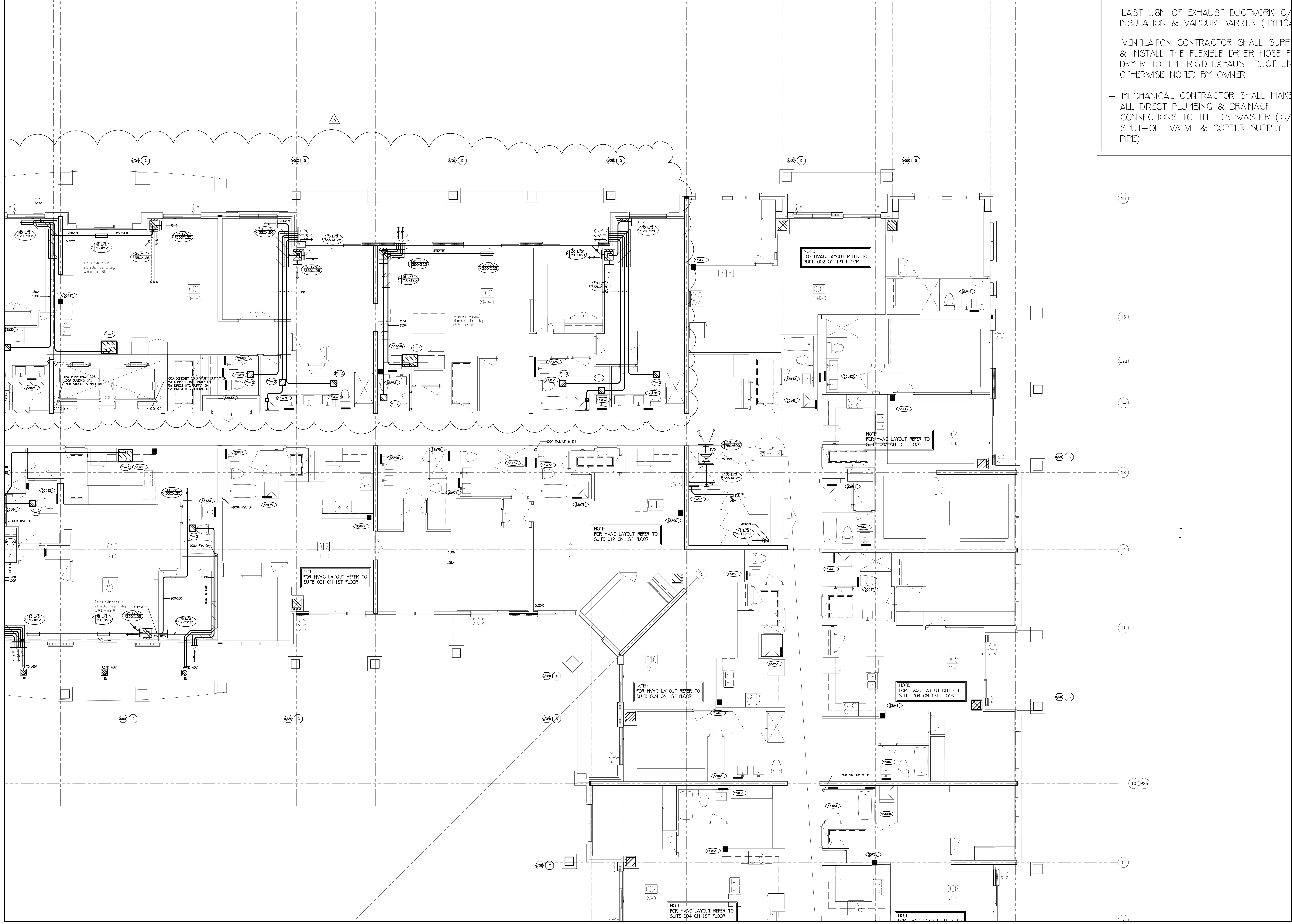
NO.	BY	DESCRIPTION	DATE
1	LB	ISSUED AS PER SITE INSTRUCTION M-4	MAY/17/2017
2	LH	ISSUED FOR PERMIT	DEC/28/2016
3	LH	ISSUED FOR TENDER	MAR/21/2016

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TITLE PART 3RD FLOORS PLAN MECHANICAL			
PROJECT 25 BAKER HILL BLVD. ROYAL PINE HOMES			
STOUFFVILLE, ONTARIO		PROPOSED RESIDENTIAL DEVELOPMENT	
DRAWN GC	CHECKED BT	SCALE 1:50	DRAWING M-17
DATE JUNE 2015	PROJECT 14-016	OF 42	

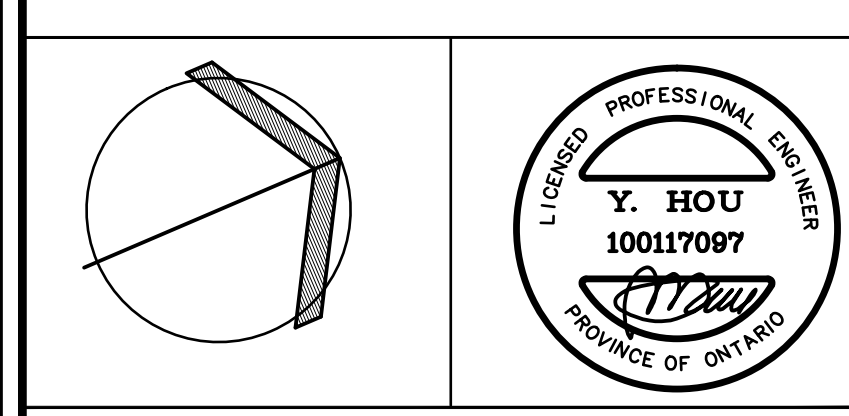


- LAST 1.8M OF EXHAUST DUCTWORK C/ INSULATION & VAPOUR BARRIER (TYPICAL)
- VENTILATION CONTRACTOR SHALL SUPPLY & INSTALL THE FLEXIBLE DRYER HOSE FROM DRYER TO THE RIGID EXHAUST DUCT UNLESS OTHERWISE NOTED BY OWNER
- MECHANICAL CONTRACTOR SHALL MAKE ALL DIRECT PLUMBING & DRAINAGE CONNECTIONS TO THE DISHWASHER (C/W SHUT-OFF VALVE & COPPER SUPPLY PIPE)

NO.	BY	DESCRIPTION	DATE
3	LB	ISSUED AS PER SITE INSTRUCTION M-4	MAY/16/2017
2	LH	ISSUED FOR PERMIT	DEC/28/2016
1	LH	ISSUED FOR TENDER	MAR/21/2016

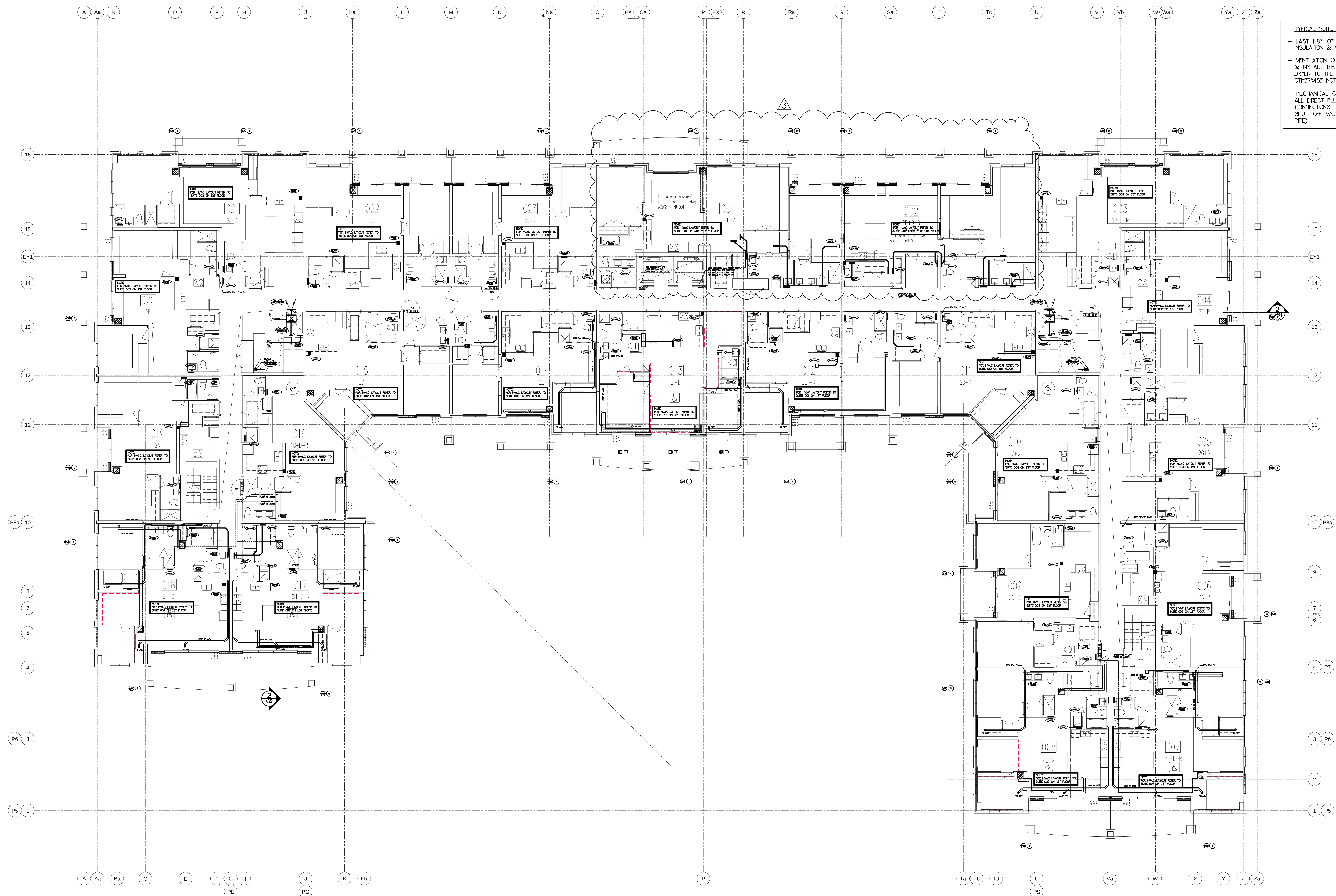
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TITLE PART 3RD FLOORS PLAN MECHANICAL			
PROJECT 25 BAKER HILL BLVD. ROYAL PINE HOMES			
STOUFFVILLE, ONTARIO		PROPOSED RESIDENTIAL DEVELOPMENT	
DRAWN GC	CHECKED BT	SCALE 1:50	DRAWING M-18
DATE JUNE 2015	PROJECT 14-016	OF 42	



TYPICAL SUITE NOTES:

- LAST 1.8M OF EXHAUST DUCTWORK, C/V INSULATION & VAPOUR BARRIER (TYPICAL)
- VENTILATION CONTRACTOR SHALL SUPPLY & INSTALL THE FLEXIBLE DRYER HOSE FROM DRYER TO THE RIGID EXHAUST DUCT UNLESS OTHERWISE NOTED BY OWNER
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NOTE: FULLY SPRINKLERED BUILDING FOR FIRE PROTECTION DESIGN PLEASE REFER TO DISANO SPRINKLER DESIGN UNITED DRAWINGS.

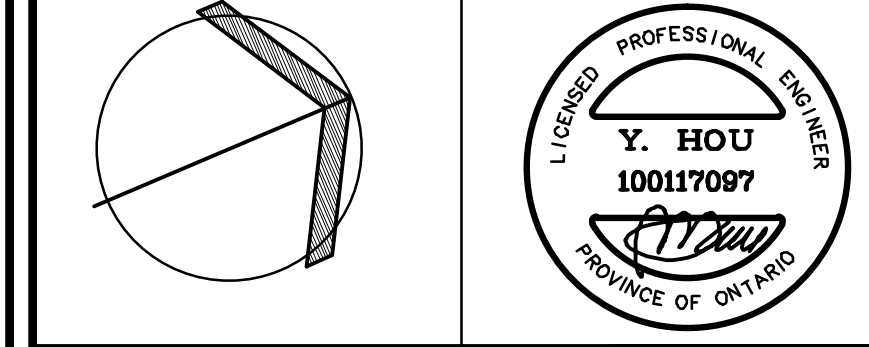
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2	LD	ISSUED FOR PERMIT	12/1/2016
1	LD	ISSUED FOR TENDER	11/18/2016

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TITLE			
PART 5TH FLOORS PLAN MECHANICAL			
PROJECT			
25 BAKER HILL BLVD. ROYAL PINE HOMES			
STOUFFVILLE, ONTARIO			
PROPOSED RESIDENTIAL DEVELOPMENT			
DRAWN	GC	CHECKED	ST
DATE	JUNE 2015	PROJECT	14-016
		SCALE	1:100
		DRAWING	M-20
		OF	42

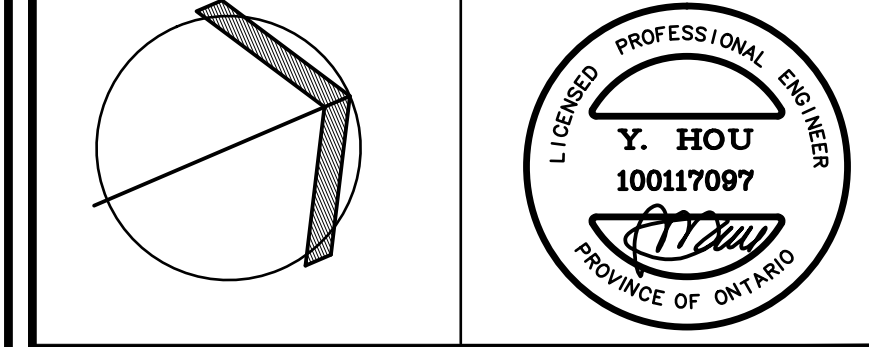


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TITLE

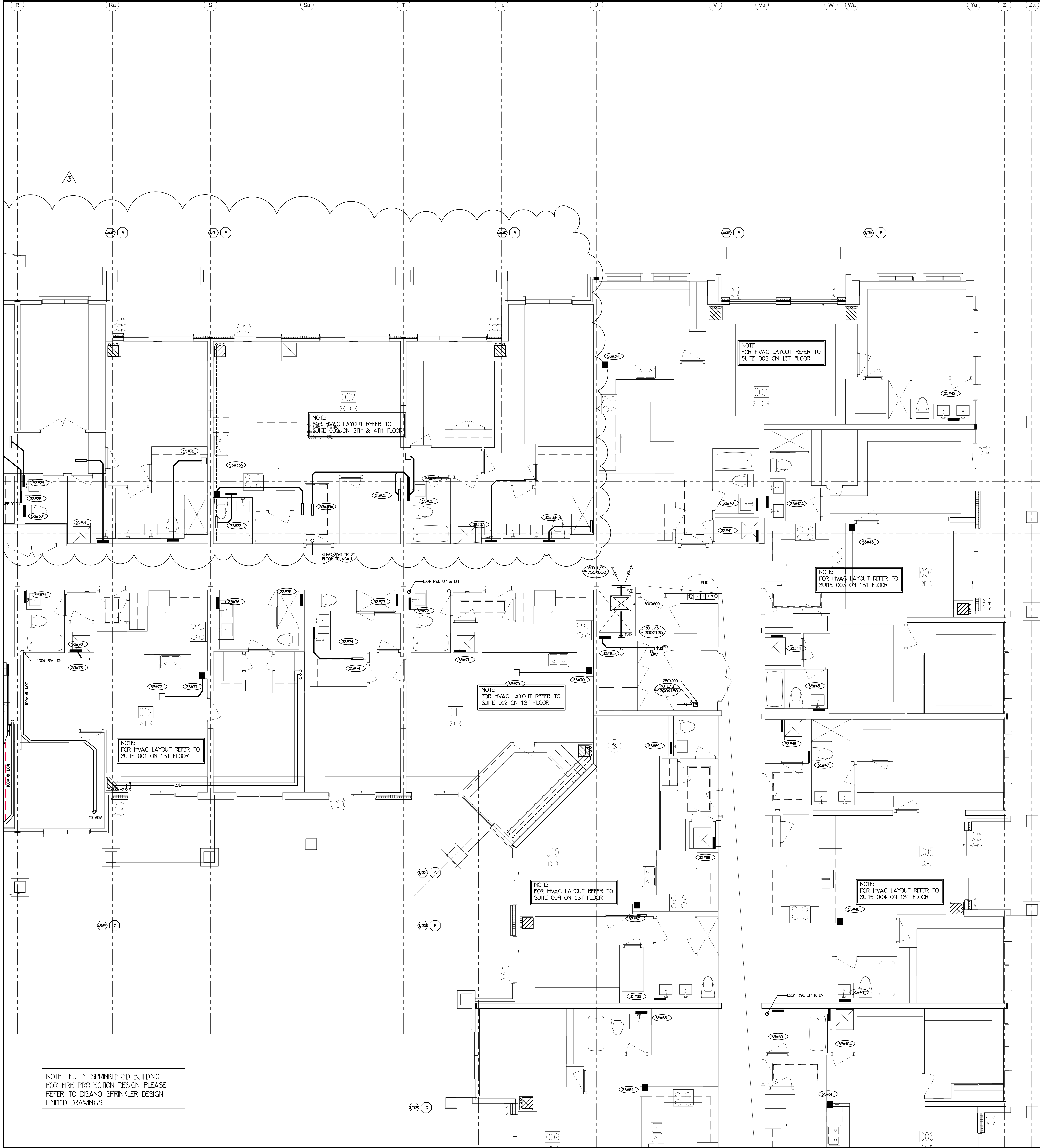
PART 5TH FLOORS PLAN
MECHANICAL

PROJECT
25 BAKER HILL BLVD.
ROYAL PINE HOMES

STOUFFVILLE, ONTARIO
PROPOSED RESIDENTIAL DEVELOPMENT

DRAWN	CHECKED	SCALE
GC	BT	1:50

DATE	PROJECT	DRAWING
JUNE 2015	14-016	M-22
		OF 42



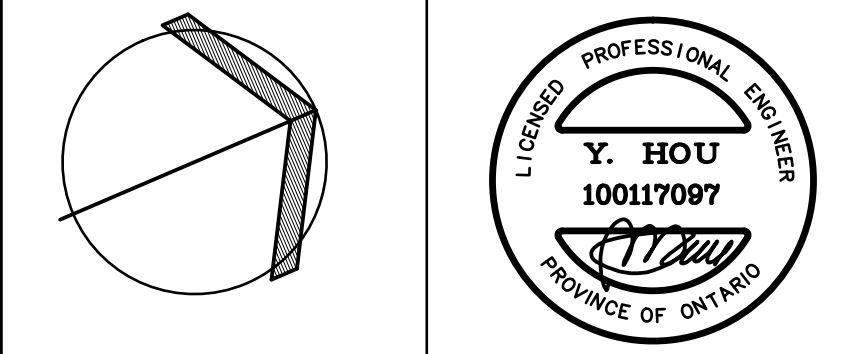
TYPICAL SUITE NOTES:

- LAST 1.8M OF EXHAUST DUCTWORK C/W INSULATION & VAPOUR BARRIER (TYPICAL)
- VENTILATION CONTRACTOR SHALL SUPPLY & INSTALL THE FLEXIBLE DRYER HOSE FROM DRYER TO THE RIGID EXHAUST DUCT UNLESS OTHERWISE NOTED BY OWNER
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NOTE: FULLY SPRINKLERED BUILDING FOR FIRE PROTECTION DESIGN PLEASE REFER TO DISANO SPRINKLER DESIGN LIMITED DRAWINGS.

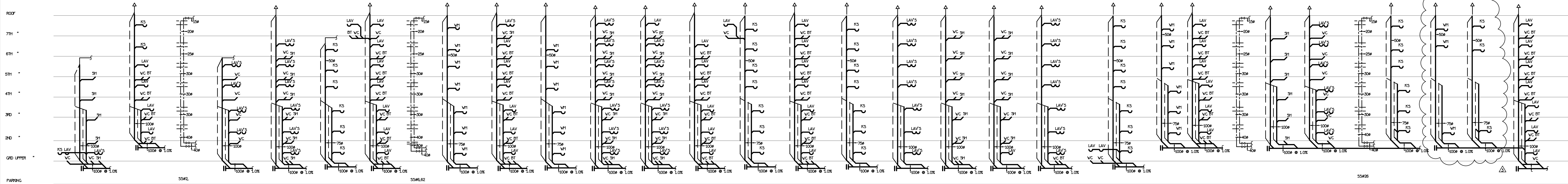
NO.	BY	DESCRIPTION	DATE
3	LB	ISSUED AS PER SITE INSTRUCTION M-4	MAY/16/2017
2	LY	ISSUED FOR PERMIT	DEC/28/2016
1	LY	ISSUED FOR TENDER	MAR/21/2016
REVISIONS			

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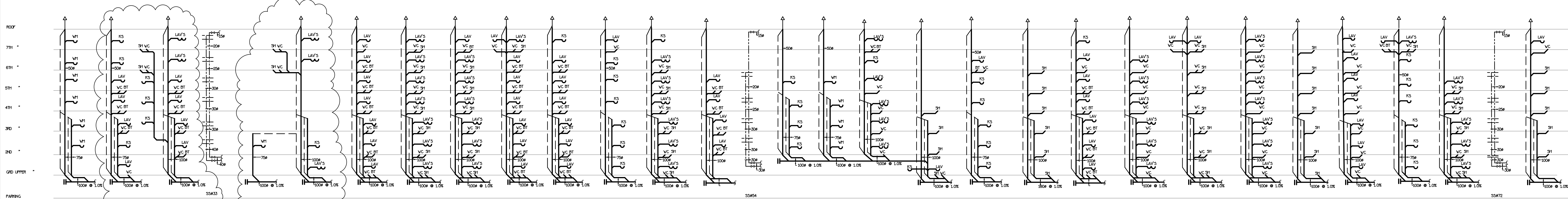


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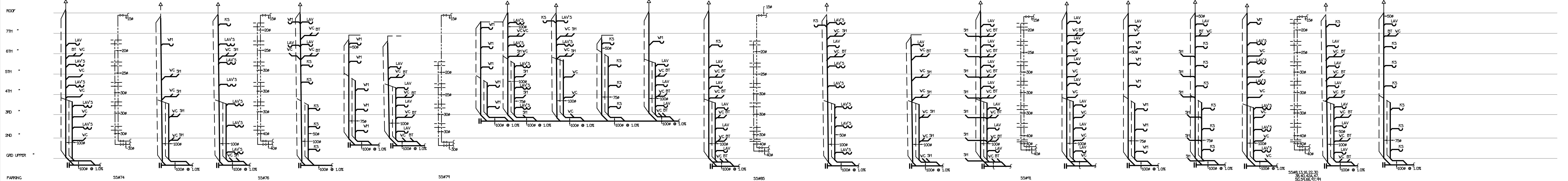
TITLE PART 5TH FLOORS PLAN MECHANICAL			
PROJECT 25 BAKER HILL BLVD. ROYAL PINE HOMES			
STOUFFVILLE, ONTARIO		PROPOSED RESIDENTIAL DEVELOPMENT	
DRAWN GC	CHECKED BT	SCALE 1:50	DRAWING M-23
DATE JUNE 2015	PROJECT 14-016	OF 42	



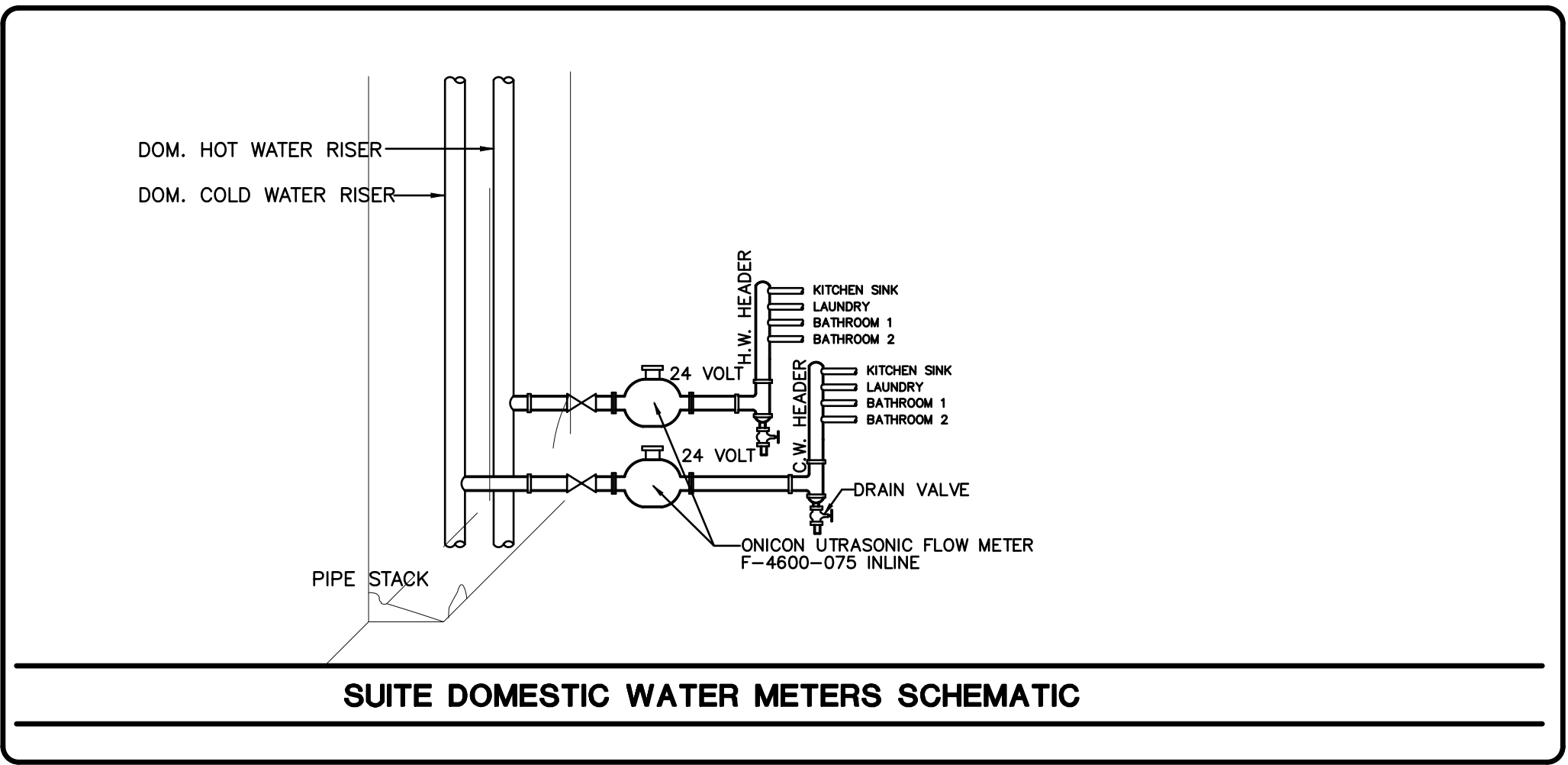
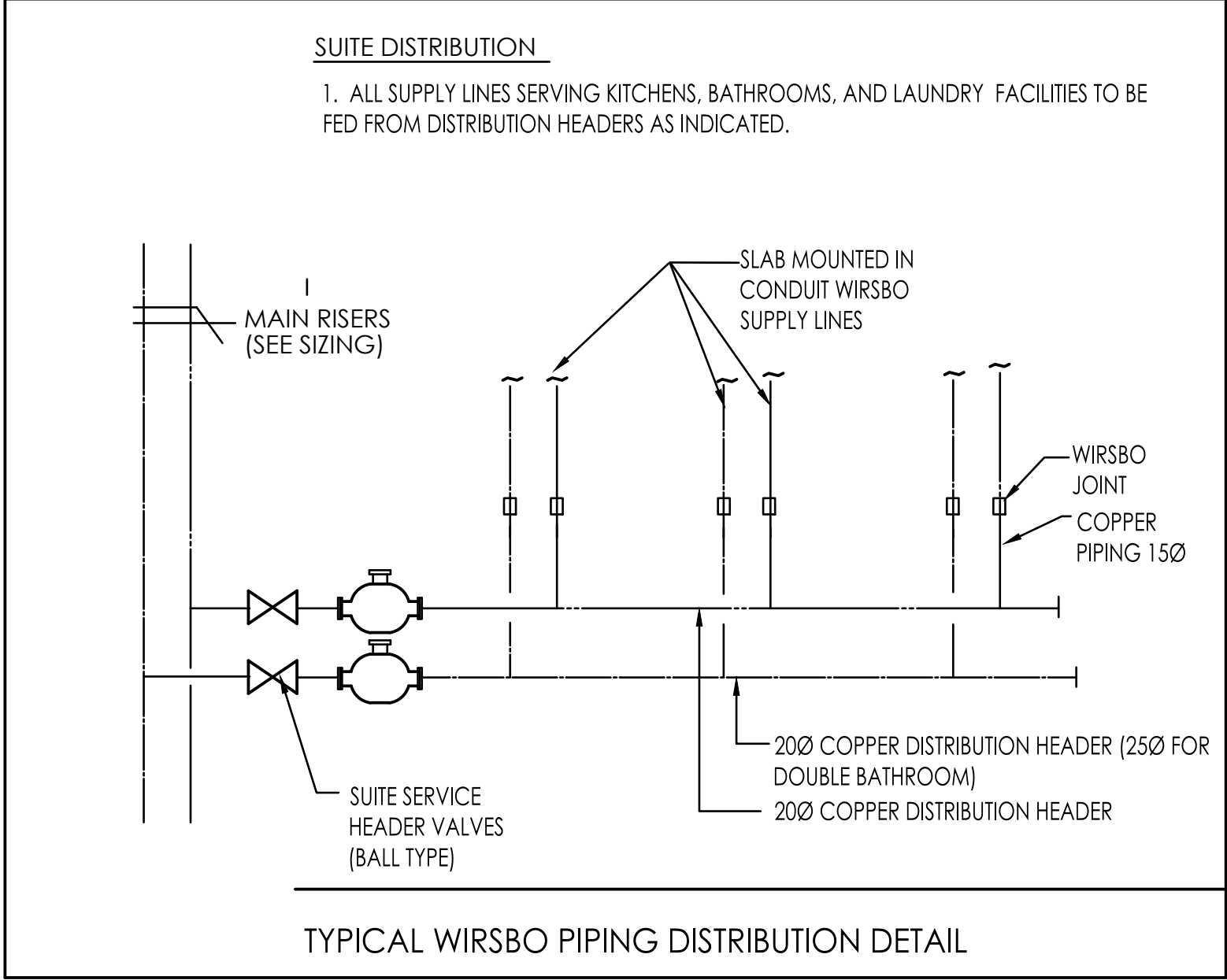
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TOTAL FIXTURE UNITS :	17.5 F.U.S.	27 F.U.S.	28 F.U.S.	36 F.U.S.	9 F.U.S.	48 F.U.S.	10.5 F.U.S.	42 F.U.S.	9 F.U.S.	53 F.U.S.	31 F.U.S.	42 F.U.S.	16.5 F.U.S.	42 F.U.S.	10.5 F.U.S.	10.5 F.U.S.	42 F.U.S.	37.5 F.U.S.	16.5 F.U.S.	22.5 F.U.S.	9 F.U.S.	36 F.U.S.	9 F.U.S.	36 F.U.S.	9 F.U.S.	4.5 F.U.S.	4.5 F.U.S.	60 F.U.S.
TOTAL	25 G.P.H.	31 G.P.H.	32 G.P.H.	36 G.P.H.	21 G.P.H.	41 G.P.H.	22 G.P.H.	39 G.P.H.	21 G.P.H.	42 G.P.H.	42 G.P.H.	39 G.P.H.	25 G.P.H.	39 G.P.H.	22 G.P.H.	22 G.P.H.	39 G.P.H.	37 G.P.H.	25 G.P.H.	29 G.P.H.	21 G.P.H.	36 G.P.H.	21 G.P.H.	36 G.P.H.	21 G.P.H.	21 G.P.H.	21 G.P.H.	44 G.P.H.



SOL STACK :	SS#31	SS#32,36	SS#33&33A	SS#34	SS#35A&35	SS#40	SS#42A	SS#42	SS#45	SS#49	SS#50	SS#54	SS#107,87	SS#56,86	SS#53	SS#107A,94,53A,55	SS#108	SS#58,100	SS#59	SS#60,76	SS#62	SS#66	SS#68A,58	SS#69	SS#70	SS#72	SS#73	
TOTAL FIXTURE UNITS :	9 F.U.S.	15 F.U.S.	42 F.U.S.	6 F.U.S.	19.5 F.U.S.	42 F.U.S.	52.5 F.U.S.	51 F.U.S.	48 F.U.S.	37.5 F.U.S.	15 F.U.S.	46.5 F.U.S.	24 F.U.S.	6 F.U.S.	6 F.U.S.	35.5 F.U.S.	55.5 F.U.S.	13.5 F.U.S.	9 F.U.S.	37.5 F.U.S.	36 F.U.S.	42 F.U.S.	42 F.U.S.	10.5 F.U.S.	10.5 F.U.S.	21 F.U.S.	30 F.U.S.	13.5 F.U.S.
TOTAL	21 G.P.H.	24 G.P.H.	39 G.P.H.	21 G.P.H.	27 G.P.H.	39 G.P.H.	42 G.P.H.	42 G.P.H.	41 G.P.H.	37 G.P.H.	24 G.P.H.	40 G.P.H.	29 G.P.H.	21 G.P.H.	21 G.P.H.	34 G.P.H.	43 G.P.H.	23 G.P.H.	21 G.P.H.	36 G.P.H.	36 G.P.H.	39 G.P.H.	39 G.P.H.	21 G.P.H.	23 G.P.H.	28 G.P.H.	33 G.P.H.	23 G.P.H.



SOL STACK :	SS#74	SS#75	SS#76	SS#77	SS#78	SS#79	SS#83	SS#84	SS#82	SS#81	SS#80	SS#85	SS#86	SS#89	SS#91	SS#92	SS#94	SS#95	SS#96	SS#97	SS#98	SS#99	SS#100A
TOTAL FIXTURE UNITS :	30 F.U.S.	25.5 F.U.S.	35.5 F.U.S.	10.5 F.U.S.	7.5 F.U.S.	24 F.U.S.	7.5 F.U.S.	36 F.U.S.	18 F.U.S.	4.5 F.U.S.	19.5 F.U.S.	31.5 F.U.S.	30 F.U.S.	10.5 F.U.S.	52.5 F.U.S.	42 F.U.S.	15 F.U.S.	24 F.U.S.	26 F.U.S.	37.5 F.U.S.	15 F.U.S.		
TOTAL	33 G.P.H.	31 G.P.H.	33 G.P.H.	23 G.P.H.	21 G.P.H.	29 G.P.H.	21 G.P.H.	36 G.P.H.	25 G.P.H.	21 G.P.H.	27 G.P.H.	33 G.P.H.	33 G.P.H.	23 G.P.H.	42 G.P.H.	39 G.P.H.	24 G.P.H.	29 G.P.H.	31 G.P.H.	36 G.P.H.	24 G.P.H.		



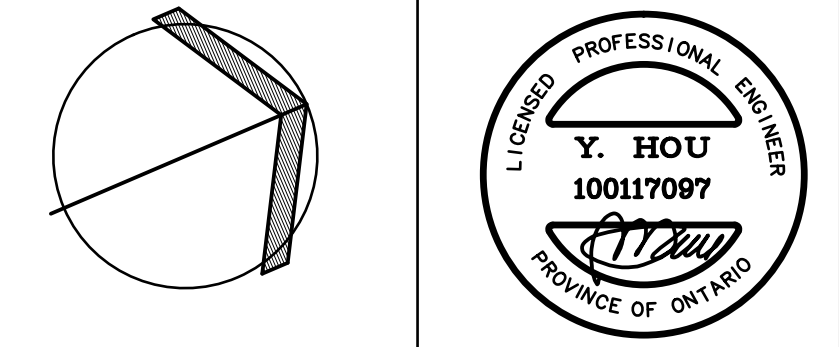
NO.	BY	DESCRIPTION	DATE
3	LB	ISSUED AS PER SITE INSTRUCTION H-4	MAY/16/2017
2	L11	ISSUED FOR PERMIT	DEC/28/2016
1	L11	ISSUED FOR TENDER	MAY/21/2016
REVISIONS			

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TITLE		PROJECT	
PLUMBING RISERS		25 BAKER HILL BLVD.	
MECHANICAL		ROYAL PINE HOMES	
STOUFFVILLE, ONTARIO		PROPOSED RESIDENTIAL DEVELOPMENT	
DRAWN	GC	CHECKED	BT
DATE	JUNE 2015	PROJECT	14-016
SCALE	NTS	DRAWING	M-37
OF	42		