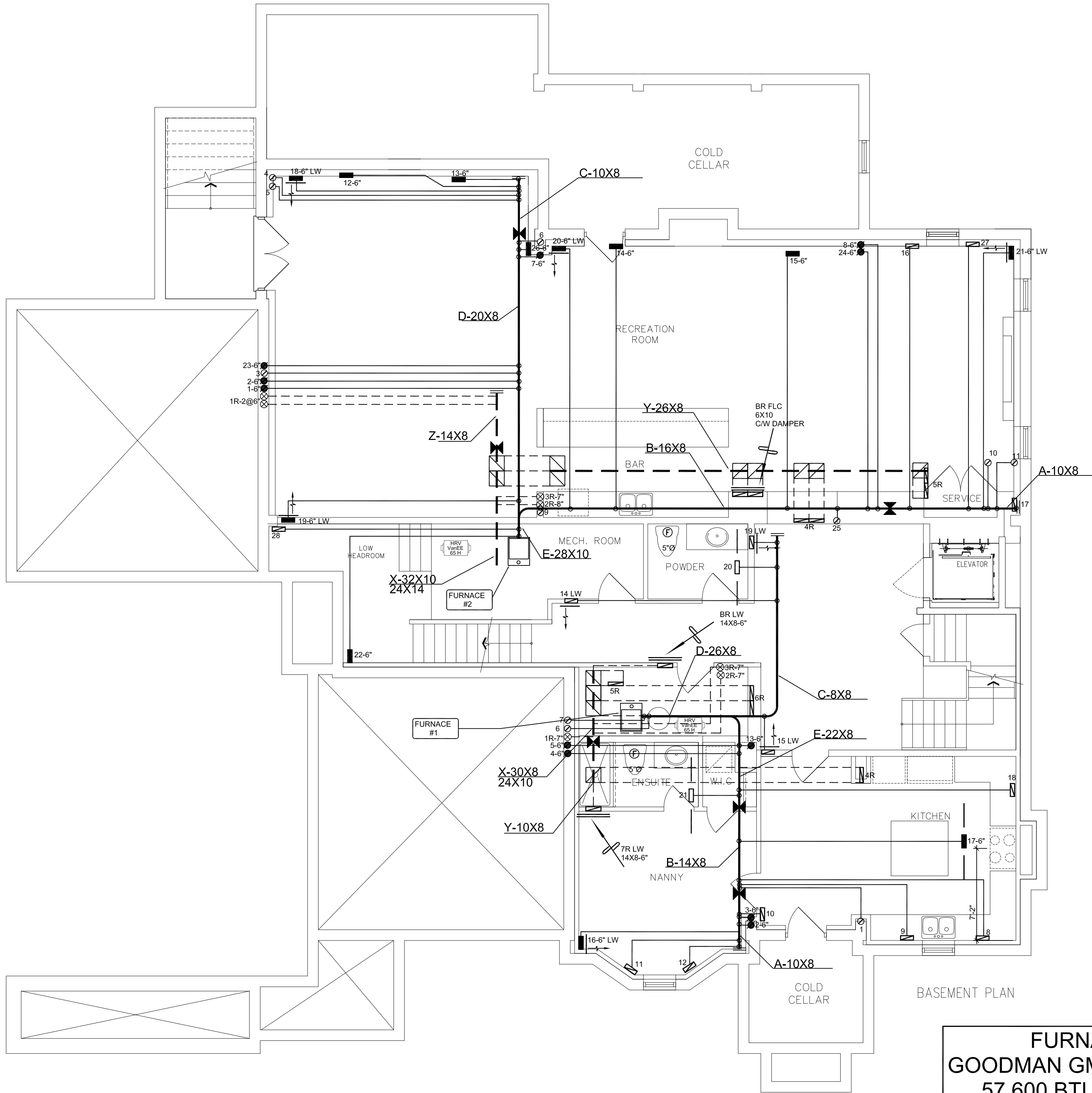


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ALL S/A DIFFUSERS "4x10" UNLESS NOTED OTHERWISE ON LAYOUT. ALL S/A RUNS 5'Ø UNLESS NOTED OTHERWISE ON LAYOUT. UNDERCUT DOORS 1" min. FOR R/A



	S/A	R/A	FANS
2ND	22	6	7
1ST	16	5	3
BAS	11	3	3

FURNACE 1  
GOODMAN GMEC960603BNA  
57,600 BTU/H OUTPUT  
3.0 TONS A/C @ 1131 cfm

FURNACE 2  
GOODMAN GMEC960804CNA  
76,800 BTU/H OUTPUT  
3.5 TONS A/C @ 1504 cfm

HVAC LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLOOR SUPPLY AIR GRILLE		14"x8" RETURN AIR GRILLE		SIDE TAKE OFF (TRUNK CONNECTION)
	FLOOR SUPPLY AIR GRILLE 6" BOOT		30"x8" RETURN AIR GRILLE		RETURN AIR CONNECTION TOP OF TRUNK
	SUPPLY AIR BOOT ABOVE		FRA- FLOOR RETURN AIR GRILLE		SINGLE LINE SUPPLY AIR TRUNK
	6" SUPPLY AIR BOOT ABOVE		RETURN AIR STACK ABOVE		SINGLE LINE RETURN AIR TRUNK
	SUPPLY AIR STACK FROM 2nd FLOOR		RETURN AIR STACK 2nd FLOOR		JOIST LINING FOR RETURN AIR
	6" SUPPLY AIR STACK 2nd FLOOR		TOP TAKE OFF (TRUNK CONNECTION)		REDUCER

WUB

MICHAEL: OVERSIGHT DATA REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK AND AS QUALIFIED UNDER DIVISION C.2.2.3 OF THE BUILDING CODE.  
HVAC DESIGNS LTD. 2019/09/01  
Michael Hoffman

3	REVIEWED AS PER NEW ARCHITECTURAL PLANS	09/2020	KB
2	REVISIONS AS PER MECH. DP	09/2019	
1	Revision as per mech. dp	Date	By

SB-12 PACKAGE

A1

**HVACDESIGNS LTD.**

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Specializing in Residential Mechanical Design Services

Client GREENPARK HOMES

Project Name BALTRIO RICHMOND HILL, ONTARIO

AVIGNON 3  
18 DENHAM DRIVE

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Sheet Title BASEMENT

Drawn By PS Checked By AS

Scale 3/16"=1'-0"

Date SEPTEMBER 2019

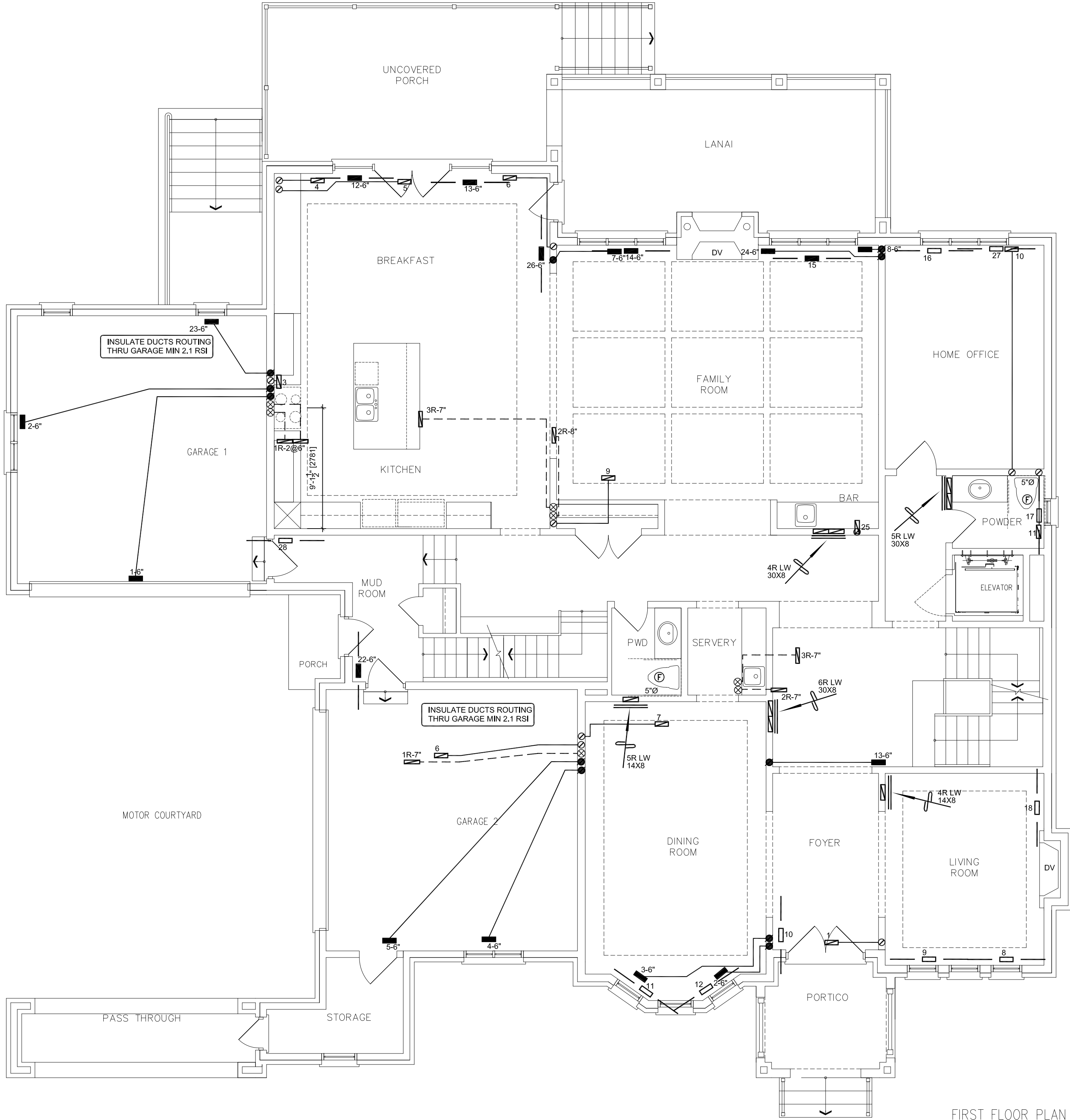
LO # 83730

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ALL S/A DIFFUSERS "4x10" UNLESS NOTED OTHERWISE ON LAYOUT. ALL S/A RUNS 5'Ø UNLESS NOTED OTHERWISE ON LAYOUT. UNDERCUT DOORS 1" min. FOR R/A



	S/A	R/A	FANS
2ND	22	6	7
1ST	16	5	3
BAS	11	3	3

FIRST FLOOR PLAN

WUB

HVAC LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLOOR SUPPLY AIR GRILLE		14"x8" RETURN AIR GRILLE		SIDE TAKE OFF (TRUNK CONNECTION)
	FLOOR SUPPLY AIR GRILLE 6" BOOT		30"x8" RETURN AIR GRILLE		RETURN AIR CONNECTION TOP OF TRUNK
	SUPPLY AIR BOOT ABOVE		FRA- FLOOR RETURN AIR GRILLE		SINGLE LINE SUPPLY AIR TRUNK
	6" SUPPLY AIR BOOT ABOVE		RETURN AIR STACK ABOVE		SINGLE LINE RETURN AIR TRUNK
	SUPPLY AIR STACK FROM 2nd FLOOR		RETURN AIR STACK 2nd FLOOR		JOIST LINING FOR RETURN AIR
	6" SUPPLY AIR STACK 2nd FLOOR		TOP TAKE OFF (TRUNK CONNECTION)		REDUCER

MICHAEL PRODUCE DATA REVIEW AND TAKE RESPONSIBILITY FOR THE DESIGN WORK AND AS QUALIFIED UNDER DIVISION C.2.2.3 OF THE BUILDING CODE.  
Hvac Designs Ltd. 2019/10/11  
Hvac Designs Ltd.  
*Michael Prodan*

3	REVISED AS PER NEW ARCHITECTURAL PLANS	09/2020	KB
2	REVISIONS AS PER MECH. DP	09/2019	
1	DATE	DATE	BY

SB-12 PACKAGE

A1

**HVACDESIGNS LTD.**

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Specializing in Residential Mechanical Design Services

Client GREENPARK HOMES

Project Name BALTRIO RICHMOND HILL, ONTARIO

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18 DENHAM DRIVE

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Sheet Title FIRST FLOOR

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Scale 3/16"=1'-0"

Date SEPTEMBER 2019

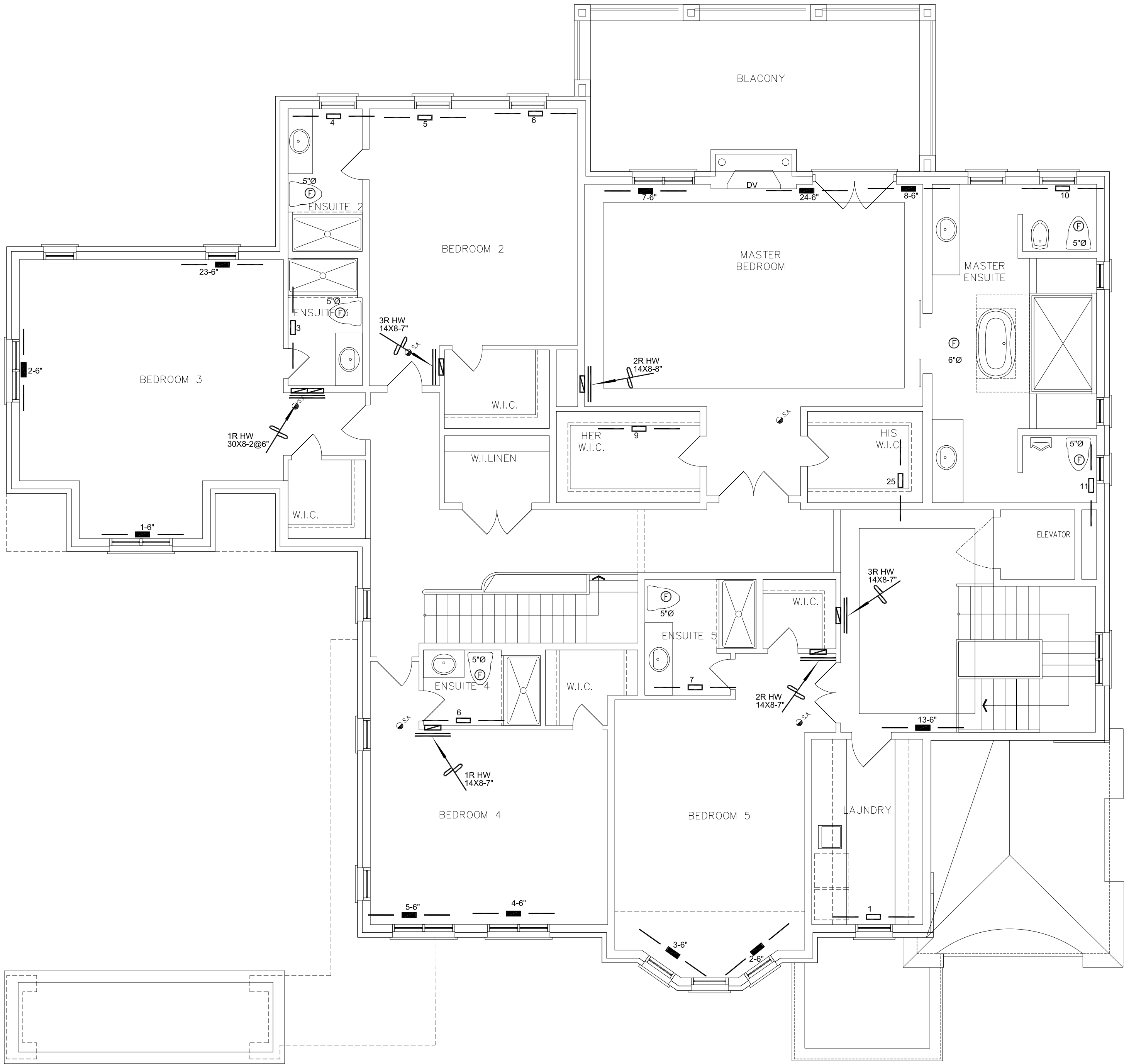
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SECOND FLOOR PLAN

	S/A	R/A	FANS
2ND	22	6	7
1ST	16	5	3
BAS	11	3	3

HVAC LEGEND					
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLOOR SUPPLY AIR GRILLE		14"x8" RETURN AIR GRILLE		SIDE TAKE OFF (TRUNK CONNECTION)
	FLOOR SUPPLY AIR GRILLE 6" BOOT		30"x8" RETURN AIR GRILLE		RETURN AIR CONNECTION TOP OF TRUNK
	SUPPLY AIR BOOT ABOVE		FRA- FLOOR RETURN AIR GRILLE		SINGLE LINE SUPPLY AIR TRUNK
	6" SUPPLY AIR BOOT ABOVE		RETURN AIR STACK ABOVE		SINGLE LINE RETURN AIR TRUNK
	SUPPLY AIR STACK FROM 2nd FLOOR		RETURN AIR STACK 2nd FLOOR		JOIST LINING FOR RETURN AIR
	6" SUPPLY AIR STACK 2nd FLOOR		TOP TAKE OFF (TRUNK CONNECTION)		REDUCER

WUB

MICHAEL PROUDMORE HAS REVIEWED AND TAKES RESPONSIBILITY FOR THE DESIGN WORK AND AS QUALIFIED UNDER DIVISION C.1.2.2 OF THE BUILDING CODE.  
HVAC DESIGNS LTD. 2019/10/01  
Michael Proudmore  
HVAC DESIGNS LTD.

3	REVIEWED AS PER NEW ARCHITECTURAL PLANS	09/2020	KB
2	REVISIONS AS PER MARK-UP	09/2019	
1	DATE	BY	

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