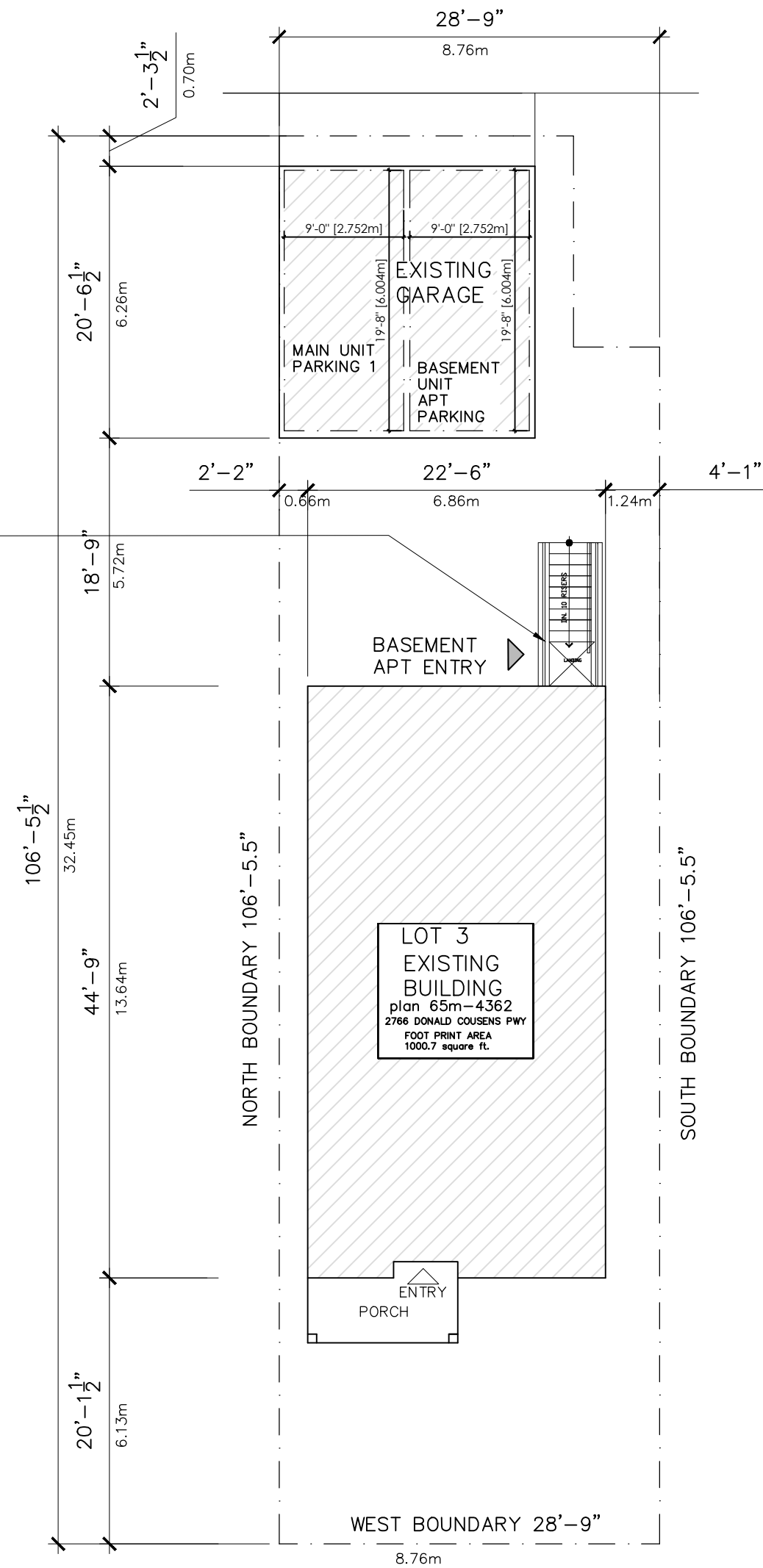


EXISTING GRADE ENTRY
SEE R CUMMING ENG DWG'S
DATED JUNE15,2020
PERMIT NO.20.117922



SITE PLAN

SCALE : 3/32" = 1'-0"

2766 DONALD COUSENS PWY

SITE STATISTICS:

SITE ADDRESS: 2766 DONALD COUSENS PWY, MARKHAM, ONT.
 LOT AREA: 2957.7 square ft. = (274.8 SQ.M.)
 GROUND FLOOR SPACE : 1000.7 square ft. (93 SM)
 SECOND FLOOR SPACE : 1029 sq. ft. (95.6 SM)
 BASEMENT SECOND UNIT AREA : 822 sq. ft. (76.4 SM)

THE UNDERSIGNED HAS REVIEWED AND TAKES RESPONSIBILITY FOR THIS DESIGN, AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET OUT IN THE O.B.C TO BE A DESIGNER

QUALIFICATION INFORMATION:
 KRANAGAVARATHA (B.C.I.N) 26147

REGISTRATION INFORMATION:
 VARATHA DESIGN ASSOCIATES (B.C.I.N) 33937

DRAWING TITLE:
SITE PLAN

PROJECT:
RENOVATION TO
2766 DONALD COUSENS PWY

OWNER:
Rameetha Haran and
Haran Thangavadivel

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1	building permit	K.V.	AUG.6,21
NO.	REVISION/ISSUED TO	BY	DATE

VARATHA DESIGN ASSOCIATES
 Architectural & Engineering Services
 Varatha Ken
 Architectural Designer
 TEL: (416) 284 7945
 CELL: (416) 725 2041
 email: kvaratha@hotmail.com

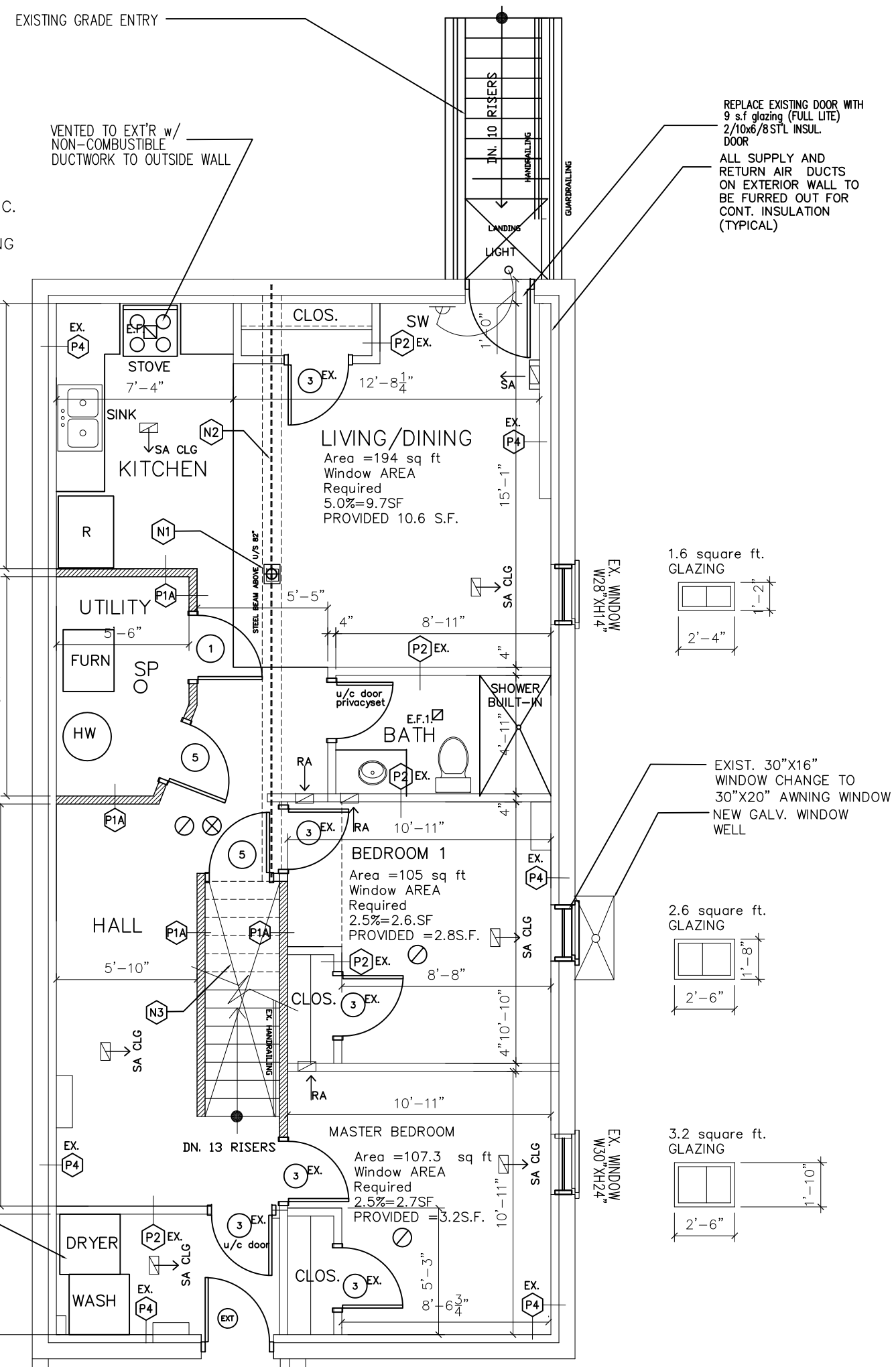
SCALE: 3/32" = 1'-0"	CAD FILE :	JOB No.: 21227
DATE: AUG.6,21	DWG NO: A1	OF 4
DRAWN BY: K.V	CHECKED BY: K.V	DATE OF PRINT: AUG.6,21

SMOKE ALARM
 -SHALL HAVE A VISUAL SIGNALING COMPONENT INTEGRATED INTO THE SMOKE ALARM.
 -SHALL HAVE A BATTERY BACKUP

NOTE:
 -SMOKE ALARM ON MAIN FLOOR IS INTERCONNECTED WITH SMOKE ALARM ON UPPER FLOORS AND BASEMENT.
 -SMOKE ALARM SHALL CONFIRM TO O.B.C. DIV. B 9.10.19
 -INSTALL 1/2" TYPE X DRYWALL CEILING @ 85" A.F.F.
 FULL BASEMENT AND MIN.77" U/S BEAMS AND DUCTS

-ALL SUPPLY AND RETURN AIR TO BE 18" AFF AT ENTRY DOOR ONLY

- (N1) ADD 1 LAYER 5/8" TYPE "X" AROUND ST'L COLUMN ENCASED IN WALL TYPE P3
- (N2) 1 LAYER 1/2" TYPE "X" AROUND ST'L BEAM BASED ON TABLE T 2.3.12 C/W MINERAL WOOL 15 MIN.
- (N3) INSTALL 1/2" TYPE "X" DRY WALL UNDERSIDE OF STAIRS = 15 MIN. F.R.



LEGEND:
 (P2) EX. EXISTING WALL CH90 CEILING HT.
 --- EXISTING WALLS
 /// RENOVATED WALLS
 ↑ EXIST. JOIST DIRECTION
 EX. = EXISTING CONSTRUCTION OR ITEM

RENOVATED/EXISTING BASEMENT FLOOR PLAN
 scale: 3/16" = 1'-0"

E.F.1 MECHANICAL VENTILATION 150 CFM INSUL EXHAUST OUT	(ENT) EXISTING DOOR	(P1) 1 LAYER 1/2" TYPE "X" GYPSUM BOARD C/W SOUND ABSORB. MATERIAL 2" X4" @ 16" O.C. @ 38-3" W/ 45 MIN. F.R. STIC34	NOTES: 1. DOORWAY SIZE SHALL CONFIRM TO O.B.C 9.6.3 2. A SMOKE DETECTOR SHALL BE INSTALLED IN THE SUPPLY OR RETURN AIR DUCT SYSTEM WHICH SHOULD BE TURN OFF THE FUEL SUPPLY AND ELEC. POWER TO THE HEATING SYSTEM UPON ACTIVATION OF SUCH DETECTOR. 3. 15 MINUTE FIRE SEPARATION 1/2" (12.7 MM) TYPE "X" GYPSUM BOARD CEILING
(1) 32X80 NEW DOOR (20 MIN RATED WITH SELF CLOSING DEVICE)	(4) 60X80 SLD. DOOR	(P1A) 1 LAYER 1/2" TYPE "X" GYPSUM BOARD C/W SOUND ABSORB. MATERIAL 2" X4" @ 16" O.C. @ 38-3" W/ 30 MIN. F.R. STIC34	
(2) 32X80 NEW DOOR	(3) 30X80 NEW DOOR	(P2) EX. EXISTING 2"X4" WITH 1/2" DRY WALL BOTH SIDES	
(3) 32X80 NEW DOOR	(4) 30X80 NEW DOOR	(P3) 2X4 WITH 5/8" TYPE "X" DRY WALL @ 16" O.C. BOTH SIDES 1 HR FIRE RATED WALL(BASED ON WTA 58-3) STC 36	
(5) SMOKE ALARM INTER CONNECTED	(6) 30X80 NEW DOOR (20 MIN RATED WITH SELF CLOSING DEVICE)	(P4) EX. EXISTING AIR BARRIER ON EX. FDN WALL 2"X4" WITH 1/2" DRY WALL WITH 500 BATT INSUL C/W 6 MIL POLY V.B. (9" NOM.)	
(X) CO (SA CLG. - SUPPLY AIR (SA - SUPPLY AIR (RA - RETURN AIR			
E.F.1 MECHANICAL VENTILATION 100 CFM INSUL EXHAUST OUT			
(SP) INSTALL NEW SPRINKLER HEAD IN FURNACE ROOM			

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QUALIFICATION INFORMATION:
 KRANAGAVARATHA (B.C.I.N) 26147

REGISTRATION INFORMATION:
 VARATHA DESIGN ASSOCIATES (B.C.I.N) 33937

DRAWING TITLE:
 BASEMENT RENOVATED/EXISTING PLAN

PROJECT:
 RENOVATION TO
 2766 DONALD COUSENS PWY

OWNER:
 Rameetha Haran and
 Haran Thangavadivel

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1	BUILDING PERMIT	K.V.	AUG.6,21
NO.	REVISION/ISSUED TO	BY	DATE

VARATHA DESIGN ASSOCIATES
 Architectural & Engineering Services

Varatha Ken
 Architectural Designer
 TEL: (416) 284 7945
 CELL: (416) 725 2041
 email: kvaratha@hotmail.com

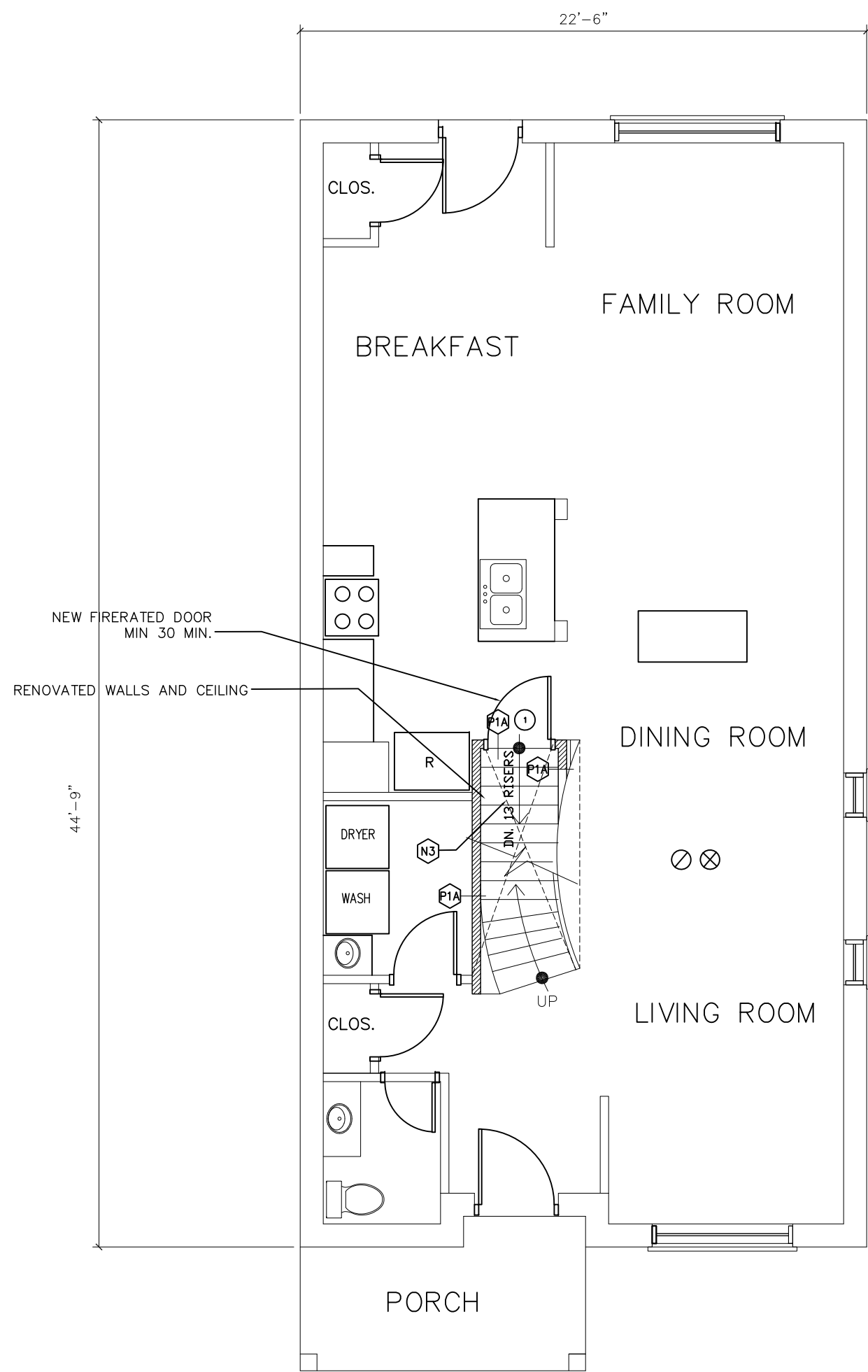
TORONTO Ont.

SCALE: 3/16" = 1'-0"
 CAD FILE :
 JOB No.: AUG.6,21

DATE: AUG.6,21
 DWG NO: A2 OF 4

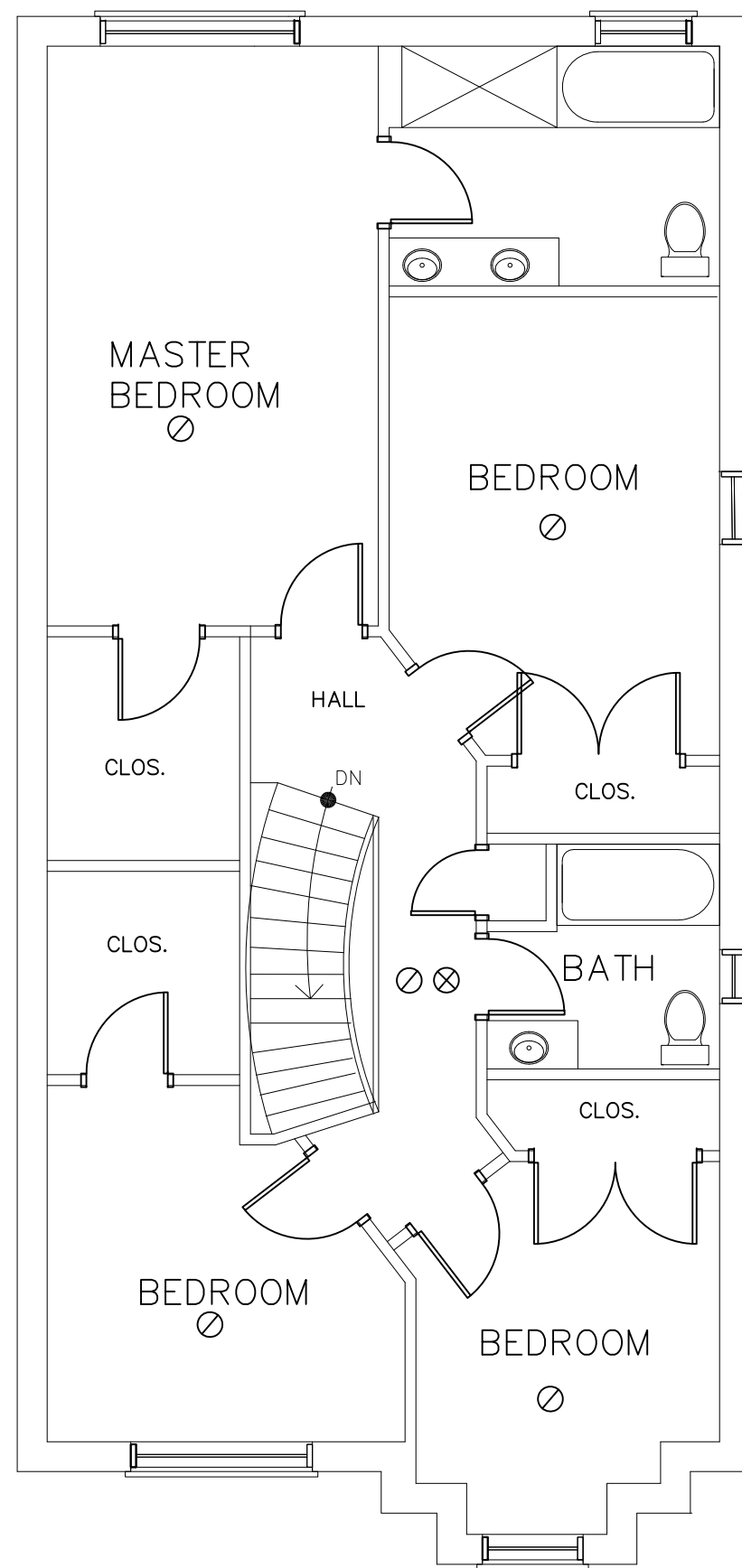
DRAWN BY: K.V.

CHECKED BY: K.V.
 DATE OF PRINT: AUG.6,21



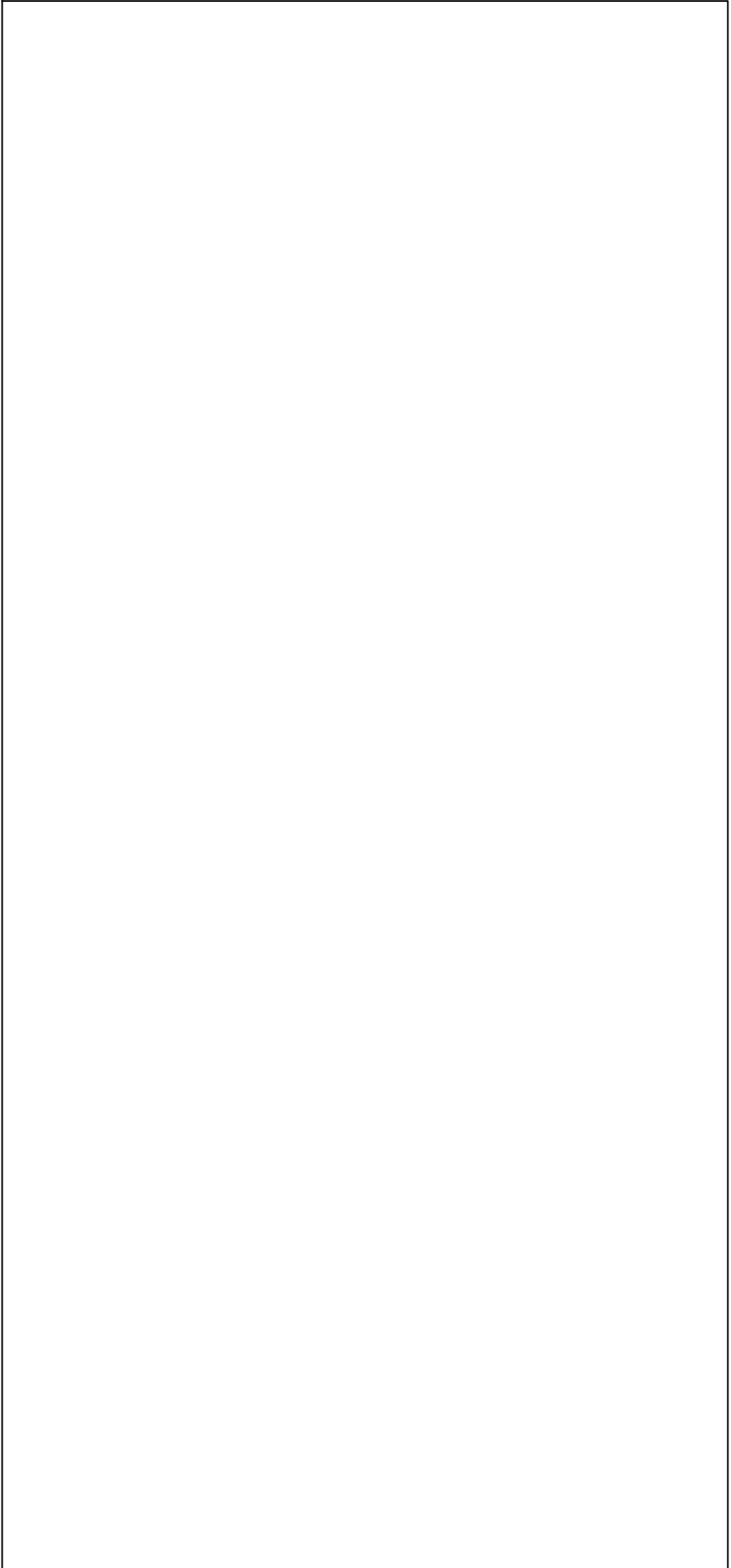
FIRST FLOOR PLAN

SCALE : 3/16" = 1'-0"



SECOND FLOOR PLAN

SCALE : 3/16" = 1'-0"



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QUALIFICATION INFORMATION:
 K.RANAGAVARATHA (B.C.I.N) 26147
K.Ranagavaram
 REGISTRATION INFORMATION:
 VARATHA DESIGN ASSOCIATES (B.C.I.N) 33937

DRAWING TITLE: FIRST/SECOND FLOOR
 PROJECT: RENOVATION TO 2766 DONALD COUSENS PWY
 OWNER: Rameetha Haran and Haran Thangavadivel

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NO.	REVISION/ISSUED TO	BY	DATE

VARATHA DESIGN ASSOCIATES
 Architectural & Engineering Services
 Varatha Ken
 Architectural Designer
 TEL: (416) 284 7945
 CELL: (416) 725 2041
 TORONTO Ont. email: kvaratha@hotmail.com

SCALE: 3/16" = 1'-0"	CAD FILE :	JOB No.: AUG.6,21
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DRAWN BY: K.V.	CHECKED BY: K.V.	DATE OF PRINT: AUG.6,21

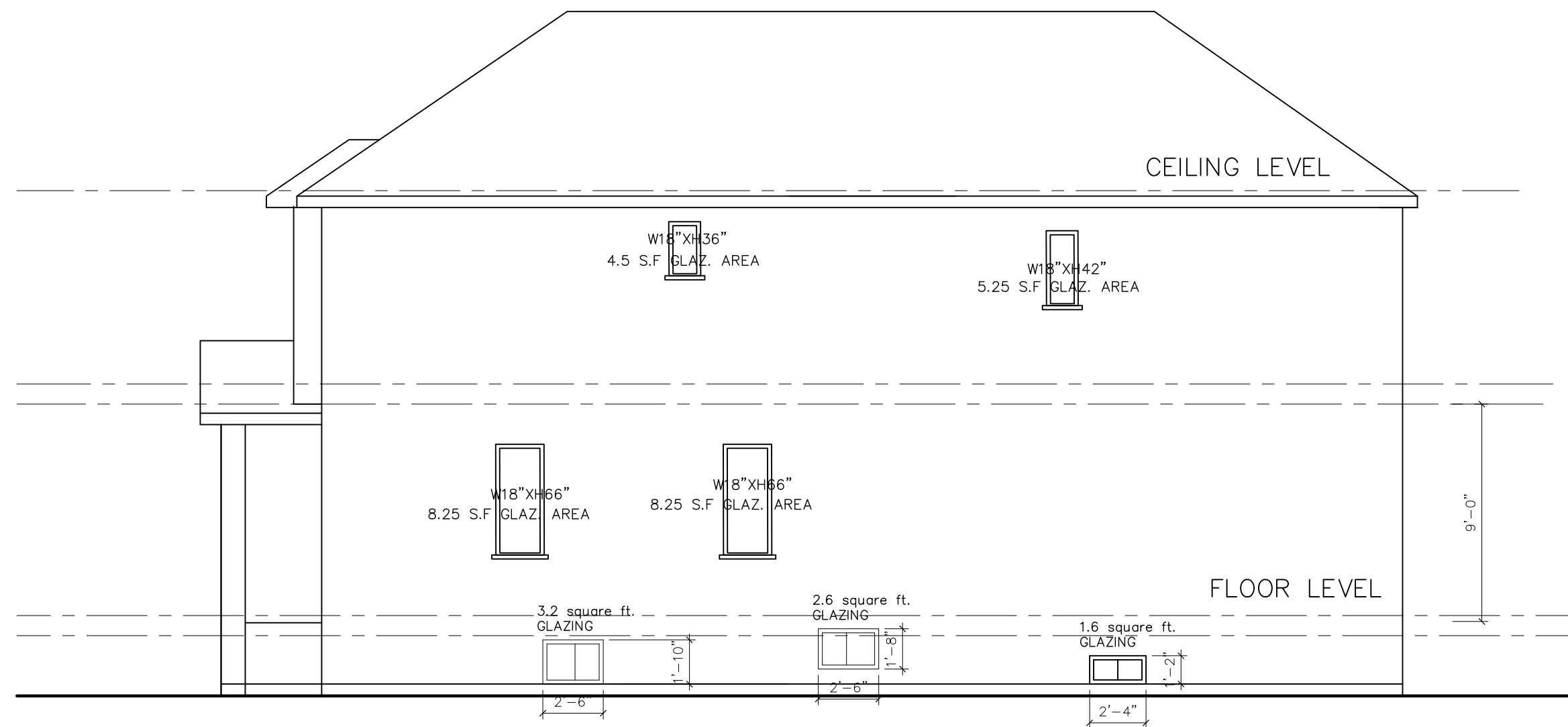


Table 9.10.15.4.
Maximum Area of Glazed Openings in Exterior Walls of Houses
7.0% MAX.window openings

SOUTH ELEVATION

SCALE : 3/16" = 1'-0"

ALLOWABLE UNPROTECTED OPENINGS
TOTAL WALL AREA = 934.2 square ft (86.8 S.M.)
LIMITING DISTANCE= 4.1' LIMIT DIST.
ALLOWABLE OPENINGS = 7 PERCENT 65.4 S.F(6.07 SM.)
ACTUAL OPENINGS =33.65 S.F

DRAWING TITLE:	SOUTH ELEVATION
PROJECT:	RENOVATION TO 2766 DONALD COUSENS PWY
OWNER:	Rameetha Haran and Haran Thangavadivel

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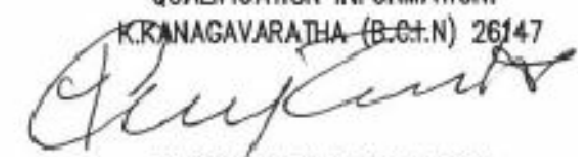
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VARATHA DESIGN ASSOCIATES Architectural & Engineering Services Varatha Ken Architectural Designer TEL: (416) 284 7945 CELL: (416) 725 2041 email: kvaratha@hotmail.com			
SCALE: 3/16" = 1'-0"	CAD FILE :	JOB No.: AUG.6,21	
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QUALIFICATION INFORMATION:
K.RANAGAVARATHA (B.C.I.N) 26147



REGISTRATION INFORMATION:
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