

NORTHGLEN

40' LOT PRODUCT - 9'-0" CEILINGS

MUNICIPALITY OF CLARINGTON

PROJECT NO. 2008-65

Energy Efficiency Compliance Calculations:
As per OBC SB-12 2.1.1.1 (Based on highest ratio scenario)

Unit to be constructed following SB-12 (2.1.1) Compliance package 'D',
Unless the requirements of performance compliance are met as outlined
in SB-12 (2.1.2)

Gross area of peripheral walls:
Gross area of openings:

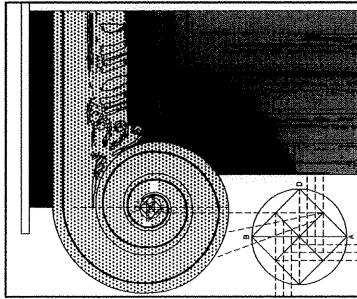
Elev. 'A'
3056.12 SF
412.94 SF
13.51% Ratio

Gross area of peripheral walls for WOD:
Gross area of openings for WOD:

Elev. 'A'
3426.62 SF
420.01 SF
12.26% Ratio

Gross area of peripheral walls for WOB:
Gross area of openings for WOB:

Elev. 'A'
3415.53 SF
480.41 SF
14.14% Ratio



CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS

14	ISSUED TO CLIENT	NOV. 4, 2015	TB
13	REPLACE BLACK GLASS WITH DECOR. LOUVER	OCT. 21, 2015	TB
12	ADDED WOB DETAIL AND ISSUED TO CLIENT ONLY	SEPT. 15, 2014	TB
11	ISSUED TO CLIENT FOR PERMIT	JULY 25, 2014	TB
10	REVISED SUNKEN AREAS TO BE OPTIONAL ADDED WALK-OUT DECK DETAIL SHEET 13A	JULY 21, 2014	TB
9	UPDATED FOR 2012 OBC.	JAN. 31, 2014	TB
8	REVISED TO COMPLIANCE PACKAGE D & ISSUED FOR PERMIT	APRIL 30, 2013	PS
7	GARAGE DOOR HEIGHT REVISED FROM 8'-0"-7'-0" ON FRONT ELEVATION - RAILING MATERIAL REVISED - RE-ISSUED TO CLIENT FOR REVIEW	DEC. 17, 2012	PS
6	ISSUED FOR PERMIT & CONSTRUCTION	JUNE 08, 2012	PS
5	ISSUED TO P. ENG. FOR FINAL STRUCTURAL CHECK	MARCH 23, 2012	PS
4	REVISED ROOF STRUCTURE/ ISSUED FOR STRUCTURAL REVIEW	JAN. 24, 2012	PS
3	ADDED MASONRY PLINTH AROUND GROUND FLOOR PERIMETER- RE-ISSUED TO CLIENT FOR CO-ORDINATION	JULY /2011	PS
2	FIREPLACE UPDATE AS PER SPECS RECEIVED BY CLIENT	AUG. 4 /11	PS
1	ISSUED FOR CLIENT REVIEW, PRICING & ROOF TRUSS DESIGN	MAY 03/11	PS
No.	DESCRIPTION	DATE	BY

AREAS		ELEVATION 'A'	
		M ²	FT ²
GROUND FLOOR AREA		108.23	1165
SECOND FLOOR AREA		118.08	1271
OPT. SECOND FLOOR AREA		117.89	1269
TOTAL FLOOR AREA		226.31	2436
TOTAL FLOOR AREA W/ OPT. SECOND FLOOR PLAN		226.12	2434
OPEN AREA (NOT INCL. IN TOTAL AREA)		0.84	9
COVERAGE (INCLUDING PORCH)		161.46	1738
COVERAGE (NOT INCLUDING PORCH)		147.15	1594

Client	DELPAK/ HIGHCASTLE HOMES		Sheet Title	AREAS & REVISIONS	
Project	NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS		Scale	N.T.S.	Drawn by SC/AA
	ELEVATION 'A'		Date	DEC 2012	Checked by KR/TB
				'THE SUTTON'	

REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461	I STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature BCIN 23411 Date: NOV 04 2015	CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	Project No. 2008-65 Drawing No. I OF 13
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CONSTRUCTION NOTES

2012 O.B.C. 0. REG. 332/12 (REVISED 7 JANUARY 2014)
UNLESS OTHERWISE NOTED
R-VALUES BASED ON COMPLIANCE PACKAGE D
ALL DIMENSIONS GIVEN FIRST IN METRIC (mm) FOLLOWED BY IMPERIAL
ALL CONSTRUCTION PRACTICES TO COMPLY WITH THE ONTARIO BUILDING CODE (O.B.C.) REGULATIONS.

ROOF CONSTRUCTION

ASPHALT SHINGLES, 9.5 mm (3/8") PLYWOOD SHEATHING WITH "H" CLIPS, ENGINEERED APPROVED WOOD ROOF TRUSSES @ 610 mm (24") O.C. MAX. APPROVED EAVES PROTECTION TO EXTEND MIN. 900 mm (2'-11") UP ROOF SURFACE TO LINE NOT LESS THAN 300 mm (12") BEYOND INNER FACE OF EXTERIOR WALL. 38 mm x 89 mm (2" x 4") TRUSS BRACING @ 2130 mm (7'-0") O.C. @ BOTTOM CHORD, PREFIN. ALUM. EAVES TROUGH ON PREFIN. ALUM. CLAD FASCIA BOARD & VENTED SOFFIT. ATTIC VENTILATION 1:300 OF INSULATED CEILING AREA WITH 50% AT EAVES.

FRAME WALL CONSTRUCTION (2" X 6" STUDS)

SIDING AS PER ELEVATION, 0.7 kg/s.m. (No. 15) BLDG PAPER, 12.7 mm (1/2") EXTERIOR TYPE SHEATHING (UNLESS OTHERWISE SPECIFIED), 38 mm x 140 mm (2" x 6") STUDS @ 406 mm (16") O.C., RSI 4.23 (R24) HIGH DENSITY BATT INSULATION AND 6 mil. AIR/VAPOUR BARRIER, 12.7 mm (1/2") INT. DRYWALL FINISH.

BRICK VENEER CONSTRUCTION (2" X 6" STUDS)

90 mm (4") OR 75 mm (3") FACE BRICK, 25 mm (1") AIR SPACE, 22 mm x 180 mm x 0.76 mm (7/8" x 7" x 22 ga.) GALV. METAL TIES @ 400 mm (16") O.C. HORIZ. 600 mm (24") O.C. VERTICAL, 0.7 kg/s.m. (No. 15) BUILDING PAPER, 12.7 mm (1/2") EXTERIOR TYPE SHEATHING (UNLESS OTHERWISE SPECIFIED), 38 mm x 140 mm (2" x 6") STUDS @ 406 mm (16") O.C., RSI 4.23 (R24) HIGH DENSITY BATT INSULATION AND 6 mil. AIR/VAPOUR BARRIER, 12.7 mm (1/2") INT. DRYWALL FINISH.

6 mil. AIR/VAPOUR BARRIER, 12.7 mm (1/2") INT. DRYWALL FINISH. PROVIDE WEEP HOLES @ 800 mm (30") O.C. HORIZ. @ BOTTOM COURSE ONLY & OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 150 mm (6") BEHIND SHEATHING PAPER MIN. 150 mm (6") CLEARANCE BETWEEN MASONRY AND GRADE.

INTERIOR STUD PARTITIONS

12.7 mm (1/2") INT. DRYWALL ON BOTH SIDES (FOR FIN. AREAS), 2 TOP PLATES & 1 BOTTOM PLATE TO MATCH STUD WIDTH. LOAD BEARING WALL: 38 mm x 89 mm (2" x 4") OR 38 mm x 140 mm (2" x 6") @ 406 mm (16") O.C. NON-LOAD BEARING WALL: 38 mm x 89 mm (2" x 4") @ 610 mm (2'-0") O.C.

FOUNDATION WALL

200 mm (8") POURED CONC. FOUNDATION WALL WITH 15 Mpa (2200 psi) CONC. OR 20 Mpa (2900 psi) CONC. WHERE STEEL REINFORCING IS SPECIFIED AND BITUMINOUS DAMP PROOFING, 19 mm (3/4") MINERAL FIBRE INSULATION WITH DENSITY OF 57 KG/M3 MIN. OR EQUIVALENT DRAINAGE LAYER. 480 mm x 155 mm (19" x 6") OR 600 mm x 200 mm (24" x 8") FOR PARTY WALLS CONTINUOUS KEYED CONC. FTG OR AS PER SOIL REPORT. BACKFILL WITH NON-FROST SUSCEPTIBLE SOIL.

WEEPING TILE

100 mm (4") DIA. WEEPING TILE, TOP AND SIDES OF DRAINAGE TILE TO COVERED WITH MINIMUM 150 mm (6") CRUSHED STONE.

BASEMENT SLAB

80 mm (3") 20 Mpa. (2900 psi) CONC. SLAB ON 100 mm (4") CRUSHED STONE WITH DAMP PROOFING.

FINISHED FLOOR

ON 15.9 mm (5/8") T&G SUBFLOOR ON WOOD FLOOR JOISTS (ARTICLE 9.30.6 FOR CERAMIC TILE)

ROOF INSULATION

RSI 8.81 (R50) FOR ROOF WITH ATTIC OR RSI 5.46 (R31) ROOF INSULATION FOR ROOF W/OUT ATTIC AND 6MIL AIR/VAPOUR BARRIER. 15.9MM (5/8") INT. DRYWALL FINISH

ALL STAIRS/EXTERIOR STAIRS

MAX. RISE..... = 200 (7 7/8")
MIN. RISE..... = 125 (4 7/8")
MAX. RUN..... = 355 (1'-2")
MIN. RUN..... = 210 (8 1/4")
MAX. TREAD..... = 355 (1'-2")
MIN. TREAD..... = 235 (9 1/4")
MAX. NOSING..... = 25 (1")
MIN. HEADROOM..... = 1950 (6'-5")
MIN. WIDTH..... = 860 (2'-10")
FOR CURVED STAIRS.....
MIN. RUN..... = 150 (5 7/8")
MIN. AVERAGE RUN..... = 200 (7 7/8")

GUARDRAIL / HANDRAIL

ALL GUARDS AND HANDRAILS ARE TO COMPLY WITH THE REQUIREMENTS OF THE O.B.C. SUBSECTION 9.8.7 AND 9.8.8.
GUARD @ INT. LANDING/FLOOR/STAIR..... = 900 (2'-11")
HANDRAIL @ INT. STAIR MIN..... = 865 (2'-10")
HANDRAIL @ INT. STAIR MAX..... = 965 (3'-2")
GUARD/HANDRAIL @ EXT. LANDING..... = 1070 (3'-6")
(GREATER THAN 1800 ABOVE FIN GRADE)
GUARD/HANDRAIL @ EXT. LANDING..... = 900 (2'-11")
HANDRAIL @ EXT. STAIR MIN..... = 865 (2'-10")
HANDRAIL @ EXT. STAIR MAX..... = 965 (3'-2")
WOOD PICKETS MAX. 100 mm (4") BETWEEN

SILL PLATE

38 mm x 89 mm (2" x 4") SILL PLATE WITH 12.7 mm (1/2") DIA. ANCHOR BOLTS 300 mm (12") LONG MIN. 100 mm (4") IN CONC. @ 2400 mm (7'-10") O.C. CONTINUOUS CAULKING OR 1" MINERAL WOOL BETWEEN SILL PLATE, AIR BARRIER AND CONCRETE WALL.

BLANKET INSULATION

RSI 3.52 (R20) BLANKET INSULATION W/ 6 MIL AIR/ VAPOUR BARRIER (MAX. 150 FLAME SPREAD RATING) OR 1/2" AIR SPACE, RSI 3.52 (R20) INSULATION WITH 38 x 89 (2" x 4") @ 610mm (2'-0") O.C. WOOD STRAPPING AND 6 mil. AIR/VAPOUR BARRIER (MAX. 150 FLAME SPREAD RATING). CONTINUITY OF AIR BARRIER SYSTEM TO EXTEND THROUGHOUT THE BASEMENT INSULATION TO EXTEND DOWN FROM THE SUBFLOOR TO THE FIN. BASEMENT SLAB , PROVIDE 0.7 kg/m (No. 15) BLDG. PAPER BETWEEN FOUNDATION WALL & INSULATION.

BEARING STUD PARTITION

38 mm x 89 mm (2" x 4") OR 38 mm x 140 mm (2" x 6") STUDS @ 406 mm (16") O.C., (AS PER WORKING DRAWINGS) WITH 2 TOP PLATES AND SINGLE SILL PLATE TO MATCH STUD WIDTH ON DAMPROOFING MATERIAL, 12.7 mm (1/2") DIA. ANCHOR BOLTS @ 2400 mm (7'-10") O.C. ON 100 mm (4") HIGH CONC. CURB ON 350 mm x 150 mm (14" x 6") CONC. FOOTING.

PIPE COLUMN

(ASTM) A53 GRADE 'B' 90 mm (3 1/2") PIPE COLUMN, 870 mm x 870 mm x 410 mm (34" x 34" x 16") CONC. FTG. 15 Mpa. (2200 psi) CONC. STRG. WITH 150 mm x 150 mm x 9.5 mm (6" x 6" x 3/8") TOP AND BOTTOM PLATE. FOOTING SIZE MAY VARY - SEE PLANS.

BEAM POCKET

BEAM TO BE GROUTED IN.

BEAM BLOCKING

19 mm x 89 mm (1" x 4") BOTH SIDES OF STEEL BEAM.

GARAGE SLAB

100 mm (4") CONC. SLAB SLOPE TO FRONT. CONC. STRG. 32 Mpa. (4650 psi) WITH 5-8% AIR ENTRAINMENT. FILL BENEATH SLAB TO BE COMPACTED TO PROVIDE UNIFORM SUPPORT.

GARAGE SEPARATION - WALLS

12.7 mm (1/2") GYPSUM BD. ON WALLS BETWEEN HOUSE AND GARAGE. RSI 4.23 (R24) HIGH DENSITY BATT INSULATION IN WALLS. TAPED AND SEAL ALL JOINTS GAS TIGHT & VAPOR PROOF 6 mil AIR/VAPOUR BARRIER ON WARM SIDE.

GAS PROOFED DOOR

PROVIDE SELF CLOSER AND WEATHER STRIPPING.

PRECAST CONCRETE STEP

CAPPED DRYER VENT (WITH METAL INSECT SCREEN) MAX. UNPROTECTED OPENING AREA OF 130 cm2 (20 sq. in.)

ATTIC ACCESS HATCH

0.32sm WITH NO DIMENSION LESS THAN 545mm, OR, 500 mm x 700 mm (20" x 28") WITH HIGH DENSITY WEATHER STRIPPING AND INSULATED. HEIGHT IN ATTIC/ROOF SPACE TO BE NOT LESS THAN 600 mm (2'-0") ABOVE ACCESS HATCH.

GARAGE SEPARATION - CEILING

12.7 mm (1/2") GYPSUM BD. ON CEILING BETWEEN HOUSE AND GARAGE. RSI 5.46 (R31) FOAM INSULATION. TAPED AND SEAL ALL JOINTS GAS TIGHT & VAPOR PROOF 6 mil AIR/VAPOUR BARRIER ON WARM SIDE.

LINEN CLOSET

4 SHELVES MIN. 350 mm (1'-2") DEEP.

MECHANICAL VENTING

ROOMS WHERE SPECIFIED TO BE MECHANICALLY VENTED TO PROVIDE AT LEAST ONE AIR CHANGE PER HOUR.

FIREWALL SEPARATION

JOISTS, BEAMS & TRUSSES TO BE STAGGERED & FIRE CUT AT PARTY WALL OR FIREWALL. MIN. 100 mm (4") SOLID MASONRY SEPARATION AT STAGGERED CONDITION OR END-TO-END CONDITION.

GRAB BAR

ADD GRAB BAR REINFORCEMENT IN STUD WALL FOR MAIN BATHROOM AS PER ARTICLE 9.5.2.3.

WOOD COLUMN

140 mm x 140 mm (6" x 6") WOOD COL. OR BUILT-UP WD. COL. ON METAL BASE SHOE AND 12.7 mm (1/2") DIA. BOLT, 610 mm x 610 mm x 300 mm (24" x 24" x 12") CONC. FTG.

STEP FOOTINGS

HORIZONTAL STEP = 600 mm (23 5/8") MIN.
VERTICAL STEP = 600 mm (23 5/8") MAX.
FOR FIRM SOILS & 400 mm FOR SAND & GRAVEL.

PORCH SLAB

MIN. 75 mm (3") CONCRETE SLAB-ON-GRADE ON 125 mm (5") CRUSHED STONE, REINFORCED WITH 6 x 6-W2.9 x W2.9 MESH AND SUCH REINFORCEMENT SHALL BE LOCATED NEAR MID-DEPTH OF SLAB. CONC. STRG. 32 Mpa (4650 psi) AND WITH 5 - 8% AIR ENTRAINMENT. 75 mm (3") MIN. SLAB BEARING @ PERIMETER.

RESERVED

PARTY WALLS

RESERVED

BRIDGING

ALL JOISTS TO BE GLUED AND BRIDGED WITH 38 mm x 38 mm (2" x 2") CROSS BRIDGING OR SOLID BLOCKING @ 2100 mm (7'-0") O.C. MAX. STRAPPING SHALL BE 19 mm x 64 mm (1" x 3") SPACED @ 2100 mm (7'-0") O.C. WHERE SPECIFIED. PROVIDE SOLID BLOCKING @ 1200 mm (3'-11") MAX. BELOW WALLS RUNNING PARALLEL TO JOISTS.

WOOD PROTECTION

WOOD FRAMING MEMBERS THAT ARE NOT PRESSURE TREATED AND ARE IN CONTACT WITH CONCRETE THAT IS LESS THAN 150 mm (6") ABOVE GROUND OR SLAB, PROVIDE 6 mil POLYETHYLENE FILM OR No. 50 (45 lb) ROLL ROOFING DAMPROOFING BETWEEN WOOD AND CONCRETE.

BLOCK VENEER WALL

SAME AS NOTE 3 WITH THE FOLLOWING EXCEPTIONS:
100mm (4") CONCRETE BLOCK INSTEAD OF FACE BRICK AND NO WEEP HOLES.

RESERVED

STEEL PIPE COLUMN - NON ADJUSTABLE

(ASTM) A53 GRADE 'B' STEEL GRADE 90 mm (3 1/2") DIA. WITH 4.76 mm (3/16") WALL THICKNESS NON-ADJUSTABLE PIPE COLUMN WITH 150 mm x 150 mm X 9.5 mm (6" x 6" x 3/8") TOP AND BOTTOM. BASE PLATE 120 mm x 250 mm x 9.5 mm (5" x 10" x 3/8") STEEL PLATE w/2-12 mm DIA. x 300 mm LONG AND 50 mm HOOK (2 1/2" x 12" x 2") WELDED TO EACH END. WELD PIPE COLUMN TO BASE PLATE ON SITE.

RESERVED

GARAGE WALLS

SAME AS NOTE No. 2 & 3 WITH THE FOLLOWING EXCEPTIONS:
STUDS TO BE 38 mm x 89 mm (2" x 4") @ 406 mm (16") O.C., DELETE INSULATION, 6 mil AIR/VAPOUR BARRIER & DRYWALL

PORCH SLAB WITH OPTIONAL COLD CELLAR

125 mm (5") POURED CONC. 32 Mpa. (4650 psi) PORCH SLAB WITH 5 - 8% AIR ENTRAINMENT AND 10M REBARS @ 200 mm (7 7/8") EACH WAY WITH MIN. 30 mm CLEAR COVER FROM THE BOTTOM OF THE SLAB TO THE FIRST LAYER OF BARS, AND THE SECOND LAYER OF BARS LAID DIRECTLY ON TOP OF THE LOWER LAYER IN THE OPPOSITE DIRECTION, 75 mm (3") MIN. SLAB BEARING, 10M DOWELS 600 mm X 600 mm (24" x 24") @ 600 mm (2'-0") O.C. AROUND PERIMETER. REINFORCING STEEL GRADE 400-CAN/GSA-G30.18-M.

EXPPOSED FLOOR

RSI 5.46 (R31) FOAM INSULATION, & DRAFTSTOP WITH PRE-FINISHED ALUMINUM SOFFIT TO EXPOSED FLOOR ABOVE.

2 STOREY WALLS - DOUBLE VOLUME

2-38 x 140 (2'-2" x 6") SPR. # 2 CONTINUOUS STUDS @ 305 mm (12") O.C. FROM SILL PLATE TO TOP PLATE & WOOD GIRTS @ 1200 mm (3'-11") O.C. VERTICALLY.

EXTERIOR WALL LESS THAN 1.2 M TO PROPERTY LINE (45 MIN. F.R.R.)

BRICK VENEER WALL OR FRAME WALL CONSTRUCTION CONSTRUCTION OF WALLS AS PER NOTES (2-3) & (40) EXCEPT AS PER THE FOLLOWING NOTES. INSULATION WITH A MASS OF 0.032 kg/s.m. PER 1 mm OF THICKNESS AND 12.7 mm (1/2") TYPE 'X' INT. DRYWALL FINISH.

EXTERIOR COMBUSTIBLE CLAD WALLS LESS THAN 0.6 M TO PROPERTY LINE (45 MIN. F.R.R.)

FRAME WALL CONSTRUCTION CONSTRUCTION OF WALLS AS PER NOTES (2-40) EXCEPT AS PER THE FOLLOWING NOTES. PROVIDE 12.7 mm (1/2") GYPSUM EXT. SHEATHING, INSULATION WITH A MASS OF 0.032 kg/s.m. PER 1 mm OF THICKNESS AND 12.7 mm (1/2") TYPE 'X' INT. DRYWALL FINISH.

CONVENTIONAL ROOF FRAMING

38 mm x 140 mm (2" x 6") SPR. RAFTERS @ 406 mm (16") O.C. MAX., 38 mm x 184 mm (2" x 8") RIDGE BD., HIP & VALLEY RAFTERS 38 mm x 89 mm (2" x 4") COLLAR TIES @ MIDSPAN. CEILING JOISTS TO BE 38 mm x 89 mm (2" x 4") @ 406 mm (16") O.C. FOR A MAX. 2430 mm (8'-0") SPAN & 38 mm (2" x 4") @ 406 mm (16") O.C. FOR A MAX. 4450 mm (14'-7") SPAN. RAFTERS FOR BUILT-UP ROOF TO BE 38 mm x 89 (2" x 4") @ 610 mm (24") O.C. W/ A 38 mm x 89 mm (2" x 4") COLLAR TIES AS REQUIRED FOR STABILITY.

SUMP PUMP/PIT ARTICLE 9.14.5.2)

HOLLOW STEEL SECTIONS (H.S.S.)

ALL TO HAVE MIN. YIELD OF 350 mpa.

ADDITIONAL NOTES

FOOTINGS

ALL FOOTINGS TO REST ON UNDISTURBED SOIL, ROCK OR COMPACTED GRANULAR FILL. CAPABLE OF SUSTAINING 150 kPa

BEDROOM WINDOWS

AT LEAST ONE WINDOW PER FLOOR. TO HAVE AN UNOBSTRUCTED OPEN PORTION HAVING A MIN. AREA OF 0.35 m2 (3.8 sq. ft.) WITH NO DIMENSION LESS THAN 380 mm (15"). EXCEPT FOR BASEMENT AREAS, THE ABOVE NOTED WINDOW SHALL HAVE A MAX. SILL HEIGHT OF 1000 mm (3'-3") ABOVE FINISHED FLOOR.

EGRESS WINDOW (THIRD FLOOR)

AT LEAST ONE WINDOW TO HAVE AN UNOBSTRUCTED OPENING OF NOT LESS THAN 1000 mm (3'-3") IN HEIGHT & 550 mm (21'-5/8") IN WIDTH. SILL HEIGHT OF 1000 mm (3'-3") ABOVE FINISHED FLOOR & 7000 mm (23'-0") ABOVE ADJACENT GROUND LEVEL.

SOIL GAS CONTROL

BUILDING CONSTRUCTION IS TO CONFORM WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE (O.B.C.) FOR SOIL GAS CONTROL AS PER SUBSECTION 9.13.4.

DOOR SCHEDULE

MAIN ENTRANCE DOOR TO BE OPENABLE FROM INSIDE WITHOUT KEY.

1 - EXTERIOR DOOR 815 x 2030 x 45 (2'8" x 6'8" x 1 3/4")

2 - INSULATED MIN RSI 0.7, (R4)

3 - DOOR 815 x 2030 x 35 (2'8" x 6'8" x 1 3/8")

4 - DOOR 760 x 2030 x 35 (2'6" x 6'8" x 1 3/8")

5 - DOOR 610 x 2030 x 35 (2'0" x 6'8" x 1 3/8")

6 - DOOR 460 x 2030 x 35 (1'6" x 6'8" x 1 3/8")

7 - EXTERIOR FRENCH OR GARDEN DOOR 815 x 2030 x 45 (2'8" x 6'8" x 1 3/4")

8 - DOOR 815 x 2030 x 45 (2'8" x 6'8" x 1 3/4") SOLID CORE WOOD DOOR W/20 MIN. FIRE PROTECTION RATING OR EQUAL AND 38 mm (1 1/2") THICK WOOD FRAME. PROVIDE SELF CLOSING DEVICE.

9 - DOOR 710 x 2030 x 35 (2'4" x 6'8" x 1 3/8")

10 - EXTERIOR DOOR 910 x 2030 x 45 (3'0" x 6'8" x 1 3/4")

11 - INSULATED MIN RSI 0.7, (R4)

12 - EXTERIOR DOOR 1070 X 2440 X 45 (3'6" x 8'0" x 1 3/4")

13 - INSULATED MIN. RSI 0.7, (R4)

14 - 36" X 80" 2 PANEL SLIDING DOORS

15 - 48" X 80" 2 PANEL SLIDING DOORS

16 - 60" X 80" 2 PANEL SLIDING DOORS

17 - 72" X 80" 2 PANEL SLIDING DOORS

18 - 84" X 80" 2 PANEL SLIDING DOORS

19 - 96" X 80" 2 PANEL SLIDING DOORS

LINTEL/BEAM SCHEDULE

L1.....2 - 38 x 184.....(2 - 2 x 8) SPR. #2

L2.....3 - 38 x 184.....(3 - 2 x 8) SPR. #2

L3.....2 - 38 x 235.....(2 - 2 x 10) SPR. #2

L4.....3 - 38 x 235.....(3 - 2 x 10) SPR. #2

L5.....2 - 38 x 286.....(2 - 2 x 12) SPR. #2

L6.....3 - 38 x 286.....(3 - 2 x 12) SPR. #2

L7.....90 x 90 x 6.0.....(3 1/2 x 3 1/2 x 1/4 L)

L8.....90 x 90 x 8.0.....(3 1/2 x 3 1/2 x 5/16 L)

L9.....100 x 90 x 6.0.....(4 x 3 1/2 x 1/4 L)

L10.....125 x 90 x 8.0.....(5 x 3 1/2 x 5/16 L)

L11.....125 x 90 x 10.0.....(5 x 3 1/2 x 3/8 L)

L12.....150 x 100 x 10.0.....(6 x 4 x 3/8 L)

ALL LVL'S TO BE E 2.0

ALL STRUCTURAL STEEL TO BE G40.21 GRADE 350W

LEGEND

Ø DUPLEX OUTLET (12" HIGH) SB ☒ SOLID WOOD BEARING
Ø⁺ DUPLEX OUTLET (HEIGHT AS NOTED) PL ☒ POINT LOAD
Ø⁺ WEATHERPROOF DUPLEX OUTLET A.F.F. ABOVE FINISHED FLOOR
Ø HEAVY DUTY OUTLET T.O.S. TOP OF STEEL
Ø LIGHT FIXTURE (CEILING) FD ☒ FLOOR DRAIN
Ø⁺ LIGHT FIXTURE (PULL CHAIN) HB ☒ HOSE BIB
Ø⁺ LIGHT FIXTURE (WALL MOUNTED) LVL LAMINATED VENEER LUMBER
Ø⁺ LIGHT FIXTURE (POT LIGHT) M.C. MEDICINE CABINET
\$ SWITCH CO ☒ SMOKE ALARM (INTERCONNECTED)
\$ SWITCH (3 WAY) C ☒ CARBON MONOXIDE ALARM
C ☒ CABLE JACK
C ☒ TELEPHONE JACK

Client DELPARK/ HIGHCASTLE HOMES

Sheet Title

CONSTRUCTION NOTES

REGISTERED PERSON:

D.W. CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS
FIRM BCIN 28461

Scale N.T.S.
Date JUNE 2012

Drawn by SC/AA
Checked by KR/TB

I, STEPHEN P. KENNEDY have reviewed and take responsibility for this design.
Signature
BCIN 23411 Date: JAN. 31, 2014

NORTHGLEN
MUNICIPALITY OF CLARINGTON
UNIT 40-5 CORNER
9'-0" CEILINGS

ELEVATION 'A'

Project No.

CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS

60 RANDALL DRIVE
SUITE 11
AJAX, ONTARIO
L1S 6L3

PH (905) 619-1270
FAX (905) 619-1269

2008-65

Drawing No.

2 OF 13

This is to certify that these plans comply with the applicable Architectural Design Guidelines approved by the Municipality of CLARINGTON.

Client
DELPARK/ HIGHCASTLE

Project

ELEVATION 'A'

Scale	3/16" = 1'-0"	Drawn by	SC/AA
Date	JUNE 2012	Checked by	KR/TB

THE SUTTON

FIRM BCIN 28461

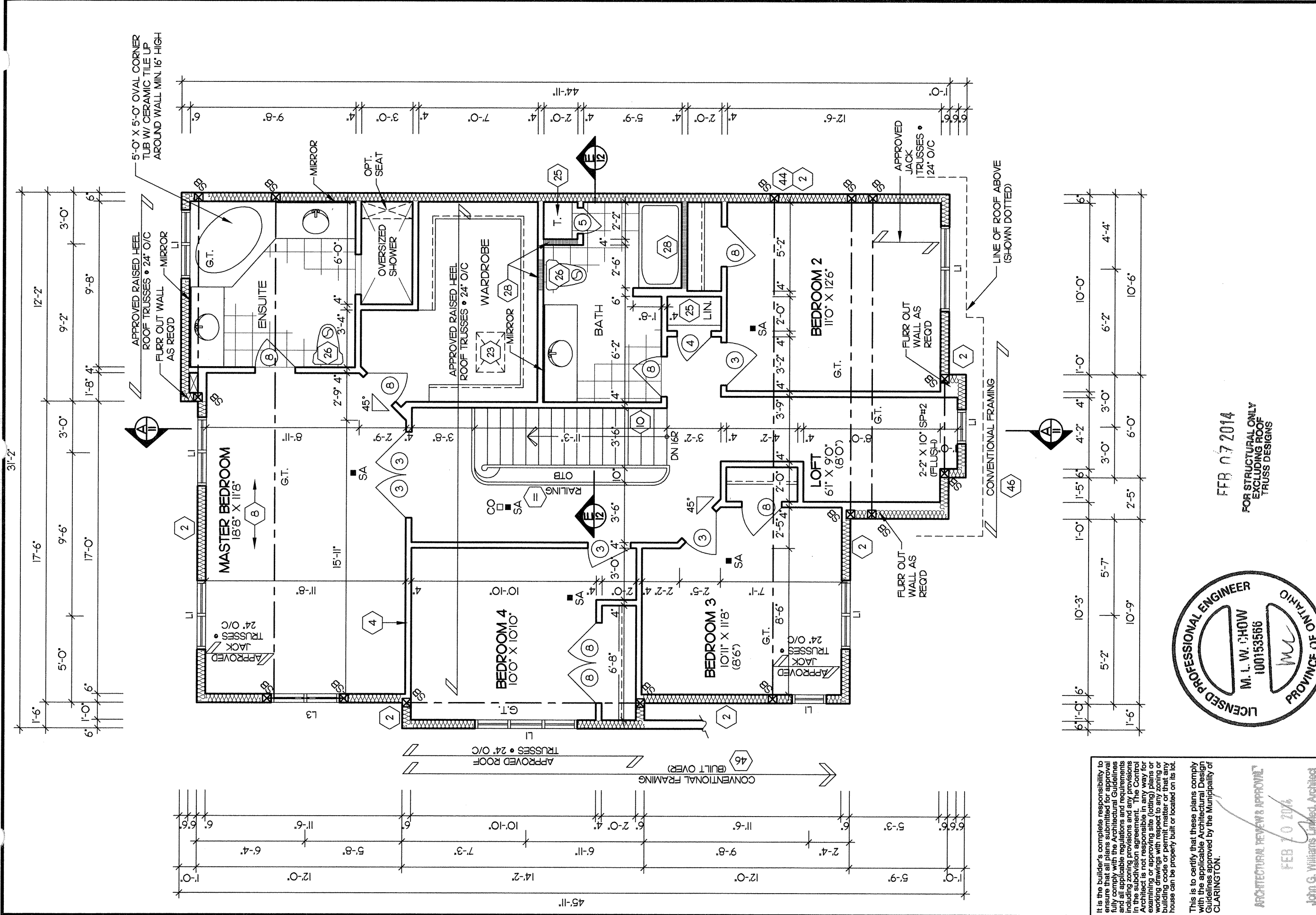
I, **STEPHEN P. KENNEDY** have
reviewed and take responsibility for this design.

Signature 

BCN 23411 Date: JUL 25 2014

60 RANDALL DRIVE
SUITE 11
AJAX, ONTARIO
L1S 6L3

PH (905) 619-1270
FAX (905) 619-1269



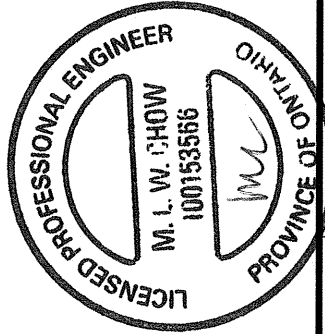
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements in the subdividing provisions and any provisions in the subdividing provisions. The City Architect is not responsible in any way for examining or approving site (lotting) plans or working drawings with respect to any zoning or building code or permit matter or that any house can be properly built or located on its lot.

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ARCHITECTURAL REVIEWER'S APPROVAL

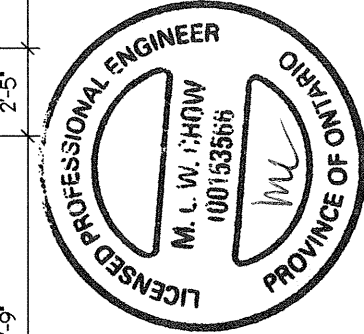
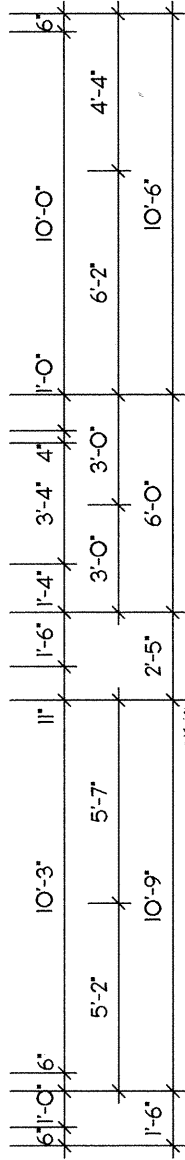
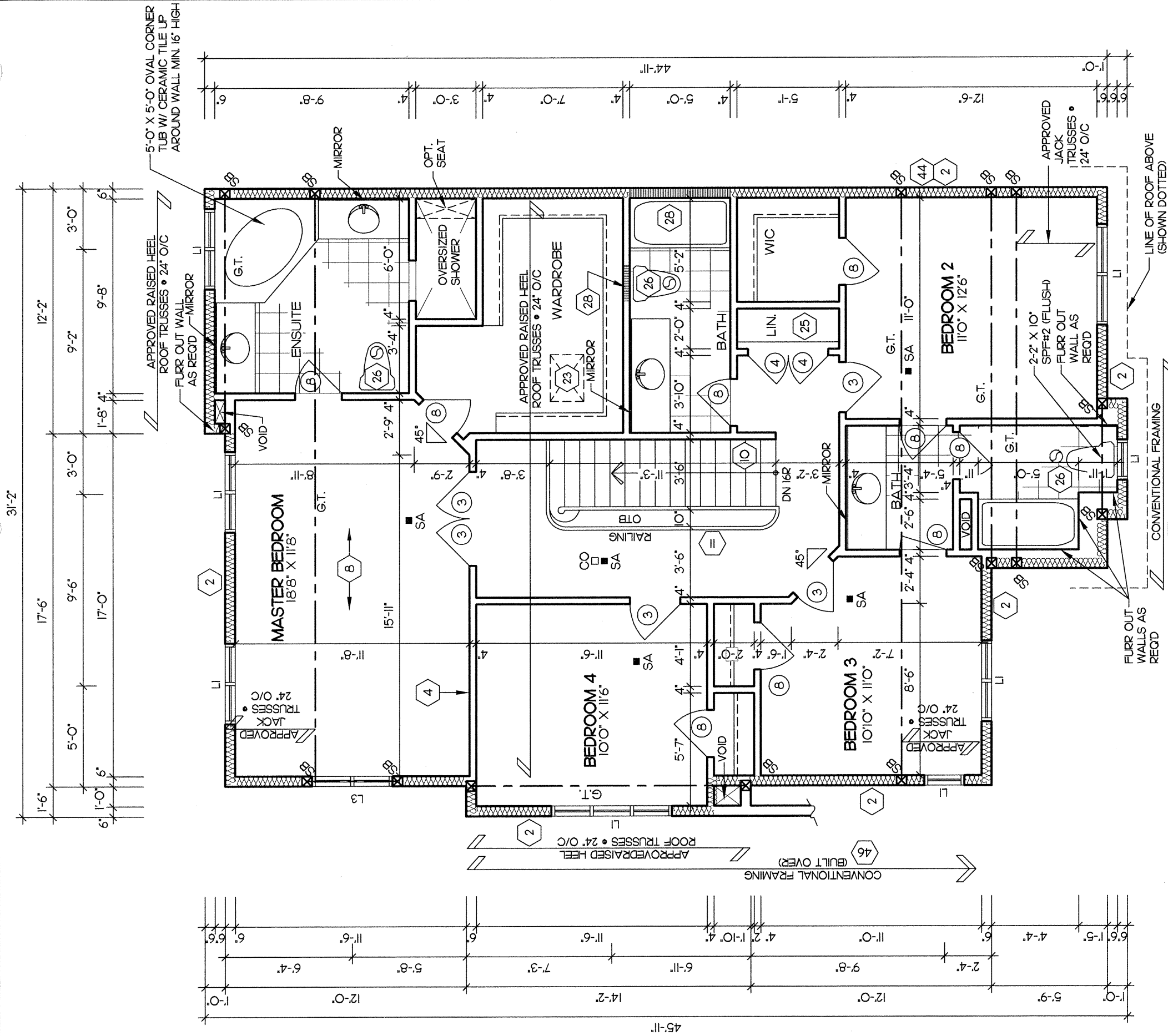
FEB 10 2014

John G. Williams Limited, Architect



FFR 07 2014
FOR STRUCTURAL ONLY
EXCLUDING ROOF
TRUSS DESIGNS

Client DELPARK/ HIGHCASTLE HOMES	Project NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS	ELEVATION 'A'	Sheet Title SECOND FLOOR PLAN	REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		Project No. 2008-65
				I STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature  BCIN 23411 Date: JAN. 31, 2014		
			Scale 3/16" = 1'-0"	Drawn by SC/AA	Drawing No. 5 OF 13	CASSIDY & CO., ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269
			Date JUNE 2012	Checked by KR/TB		
			"THE SUTTON"			



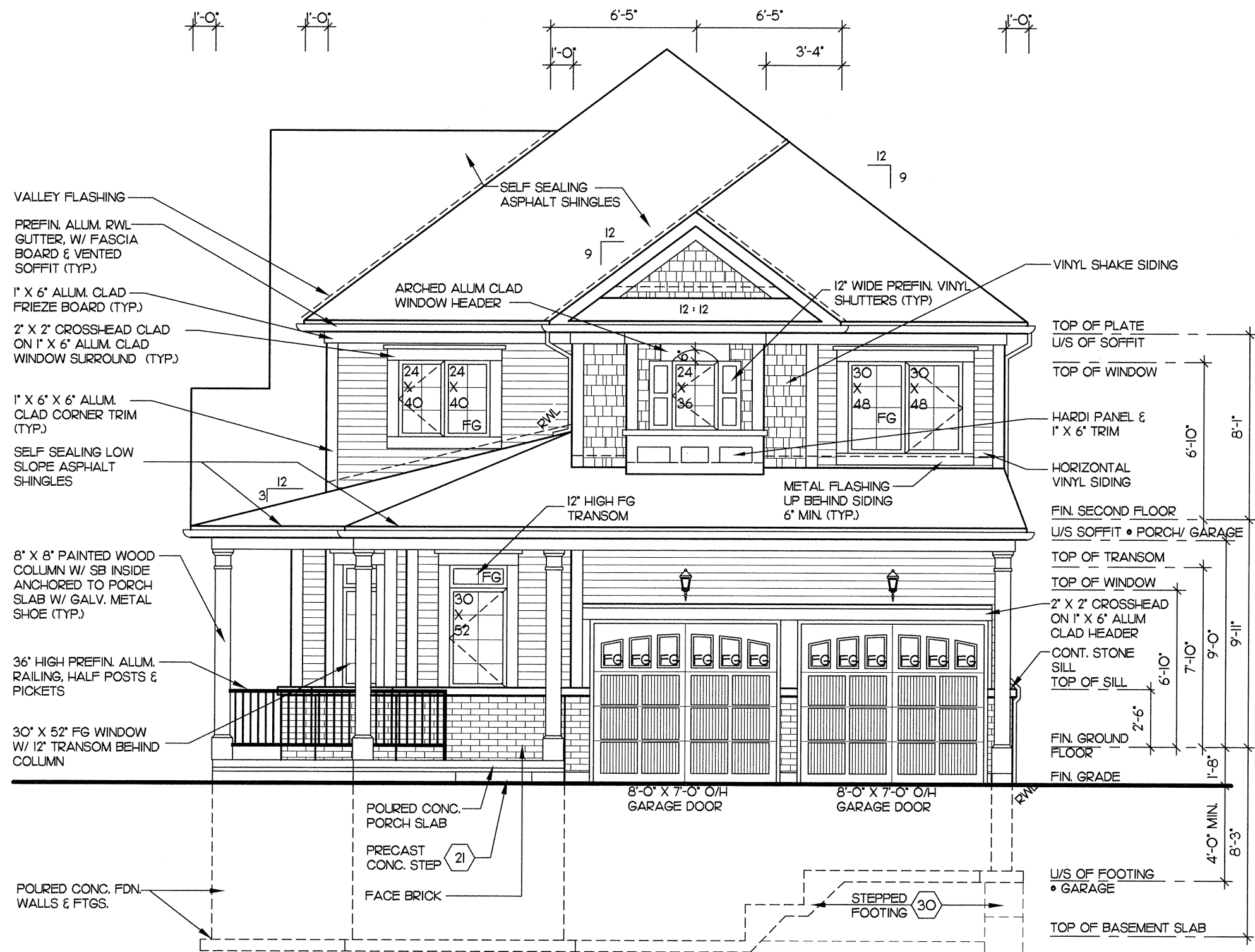
FFR 07 2014
FOR STRUCTURAL ONLY
EXCLUDING ROOF
TRUSS DESIGNS

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ARCHITECTURAL REVIEW & APPROVAL
FEB 10 2014
John G. Williams, Architect

Client DELPARK/ HIGHCASTLE HOMES	Sheet Title OPT. SECOND FLOOR PLAN	REGISTERED PERSON D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461	Project No. 2008-65
Project NORTHGLENN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS	Scale 3/16" = 1'-0"	Drawn by SC/AA	Project No. 2008-65
ELEVATION 'A'	Date JUNE 2012	Checked by KR/TB	Drawing No. 6 OF 13
		Signature STEPHEN P. KENNEDY reviewed and take responsibility for this design.	Project No. 2008-65
		Date JAN. 31, 2014	Drawing No. 6 OF 13
		BCIN 23411	Project No. 2008-65
		Architectural Technologists CASSIDY & CO. 60 RANDALL DRIVE SUITE 11 AUX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	Project No. 2008-65



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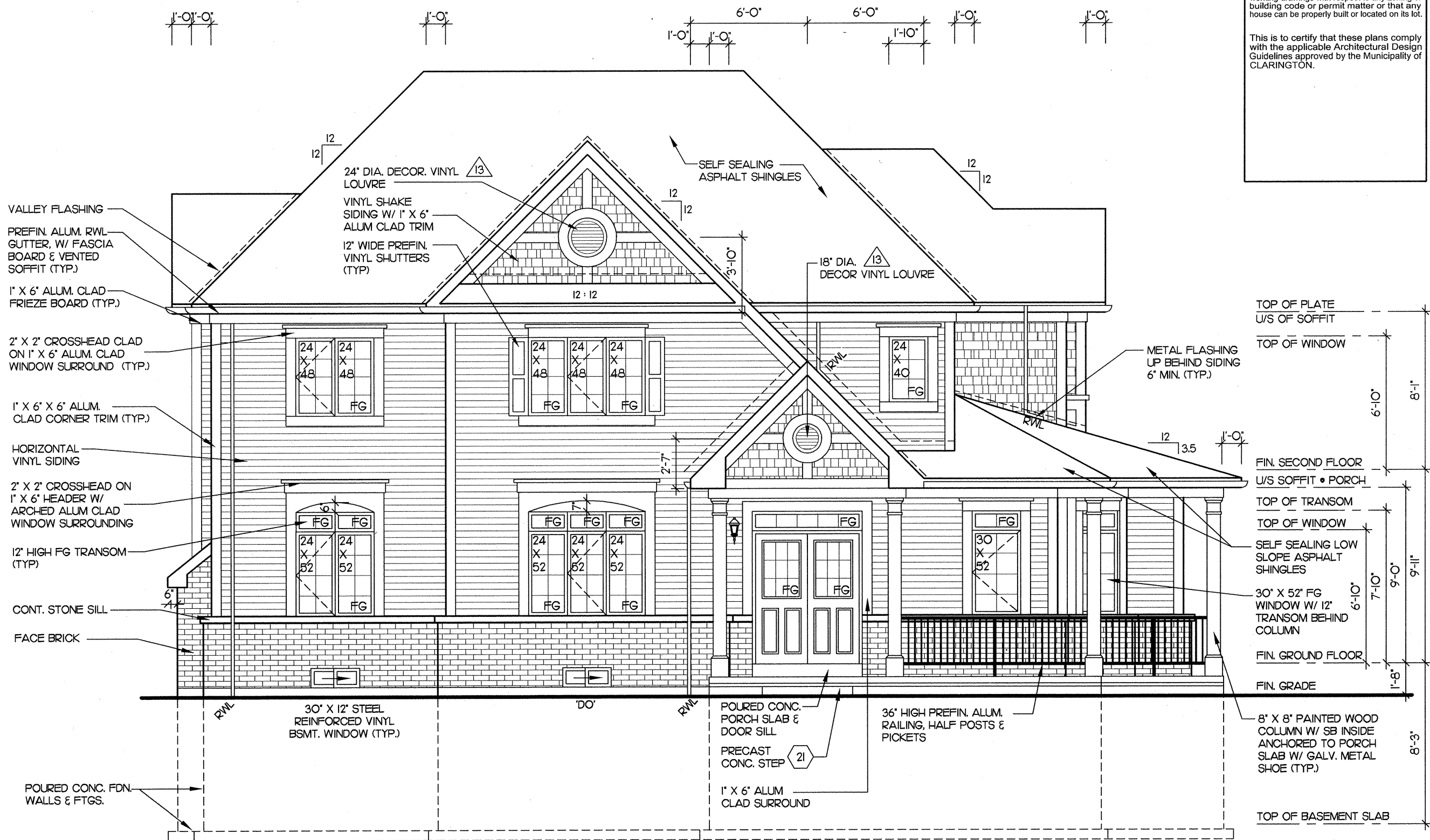
ARCHITECTURAL REVIEW & APPROVAL
FEB 10 2014
John G. Williams Limited, Architect

Project No. 2008-65
Drawing No. 7 OF 13
CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS
60 RANDALL DRIVE SUITE 11
AJAX, ONTARIO L1S 6L3
PH (905) 619-1270
FAX (905) 619-1269

REGISTERED PERSON:
D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS
FIRM BCIN 28461
I, STEPHEN P. KENNEDY have reviewed and take responsibility for this design.
Signature: [Signature] Date: JAN. 31, 2014
BCIN 23411

Sheet Title: FRONT ELEVATION
Scale: 3/16" = 1'-0"
Date: DEC 2012
Drawn by: SC/AA
Checked by: KR/TB
THE SUTTON

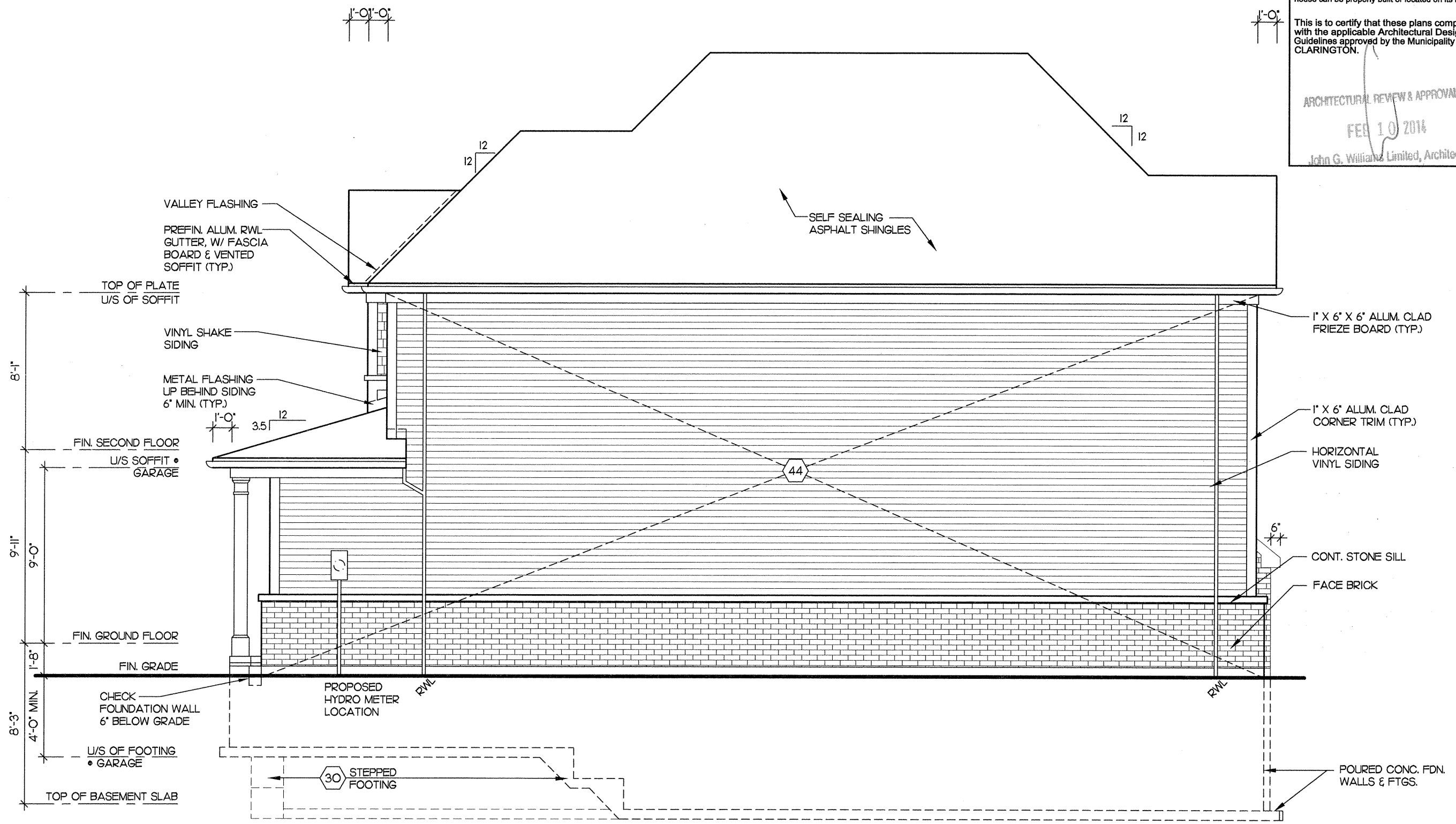
Client: DELPARK/ HIGHCASTLE HOMES
Project: NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS
ELEVATION 'A'



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Client's DELPARK/ HIGHCASTLE HOMES	Sheet Title LEFT SIDE ELEVATION		Registered Person: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		13	REPLACE BLACK GLASS WITH DECOR. LOUVRES	Project No. 2008-65	TB
	Project NORTHGLENN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS	Scale 3/16" = 1'-0"	Drawn by SC/AA					
ELEVATION 'A'		Date DEC 2012	Checked by KR/TB	I, STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature  BCIN 23411 Date: _____	60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	Drawing No.	8 OF 13	
		"THE SUTTON"						

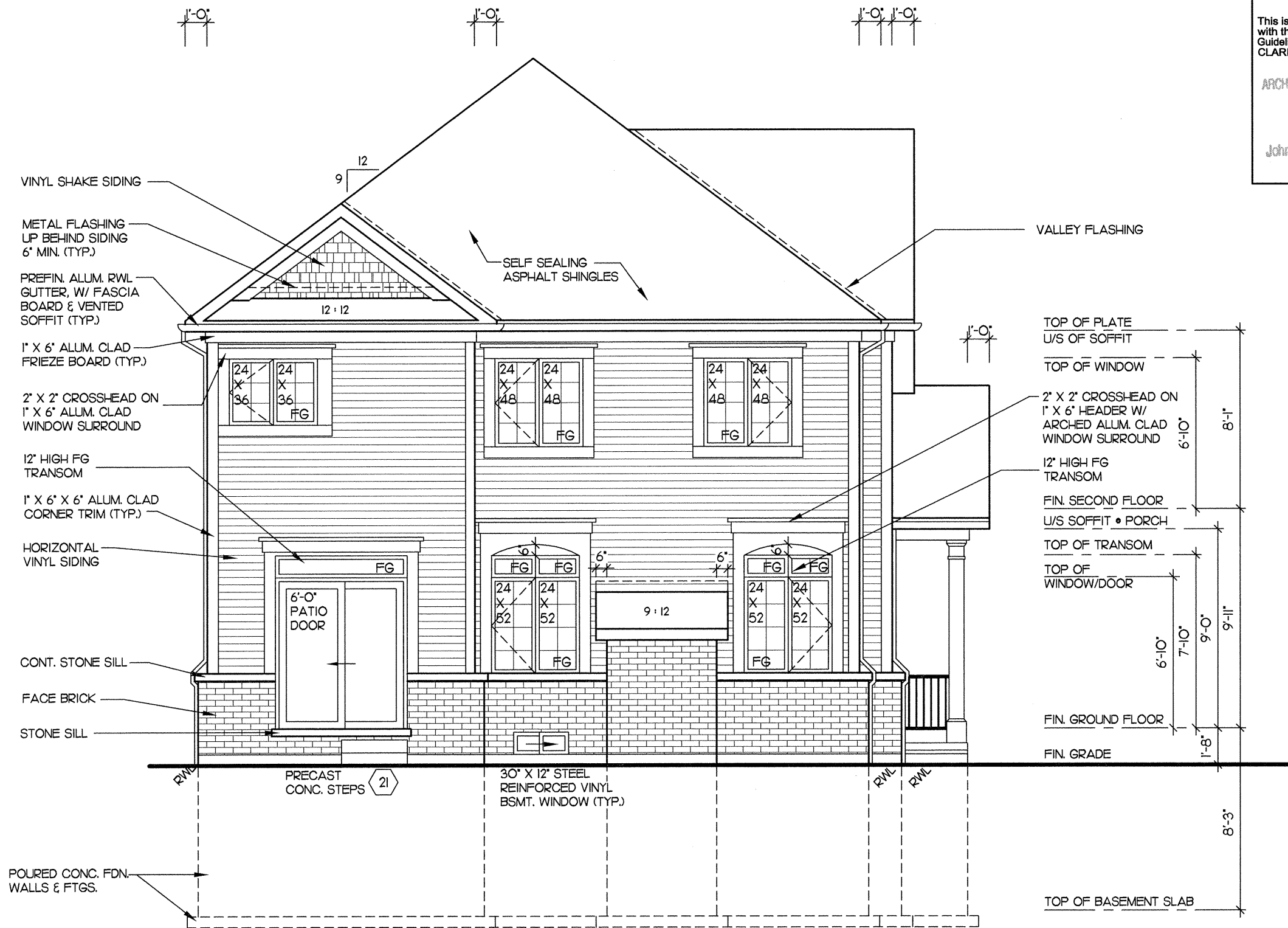


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ARCHITECTURAL REVIEW & APPROVAL
FEB 10 2014
John G. Williams Limited, Architect

Project No. 2008-65		Drawing No. 9 OF 13	
CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS		60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	
REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature: [Signature] Date: JAN. 31, 2014 BCIN 23411	
Client Delpark/ Highcastle Homes	Sheet Title RIGHT SIDE ELEVATION		THE SUTTON
	Scale 3/16" = 1'-0"	Drawn by SC/AA	
Project NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS		Date JUNE 2012	ELEVATION 'A'
		Checked by KR/TB	



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ARCHITECTURAL REVIEW & APPROVAL
FEB 10 2014
John G. Williams Limited, Architect

Project No. 2008-65
Drawing No. 10 OF 13

CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS
60 RANDALL DRIVE
SUITE 11
AJAX, ONTARIO
L1S 6L3
PH (905) 619-1270
FAX (905) 619-1269

REGISTERED PERSON:
D.W. CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS
FIRM BCIN 28461

I, **STEPHEN P. KENNEDY** have reviewed and take responsibility for this design.
Signature: [Signature]
BCIN 23411 Date: **JAN. 31, 2014**

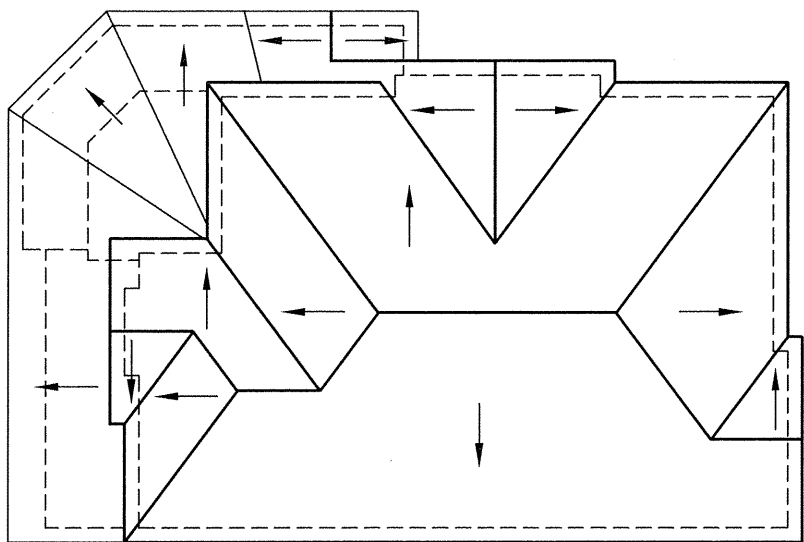
Client: **DELPARK/ HIGHCASTLE HOMES**
Project: **NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS**
ELEVATION 'A'

Sheet Title: **REAR ELEVATION**

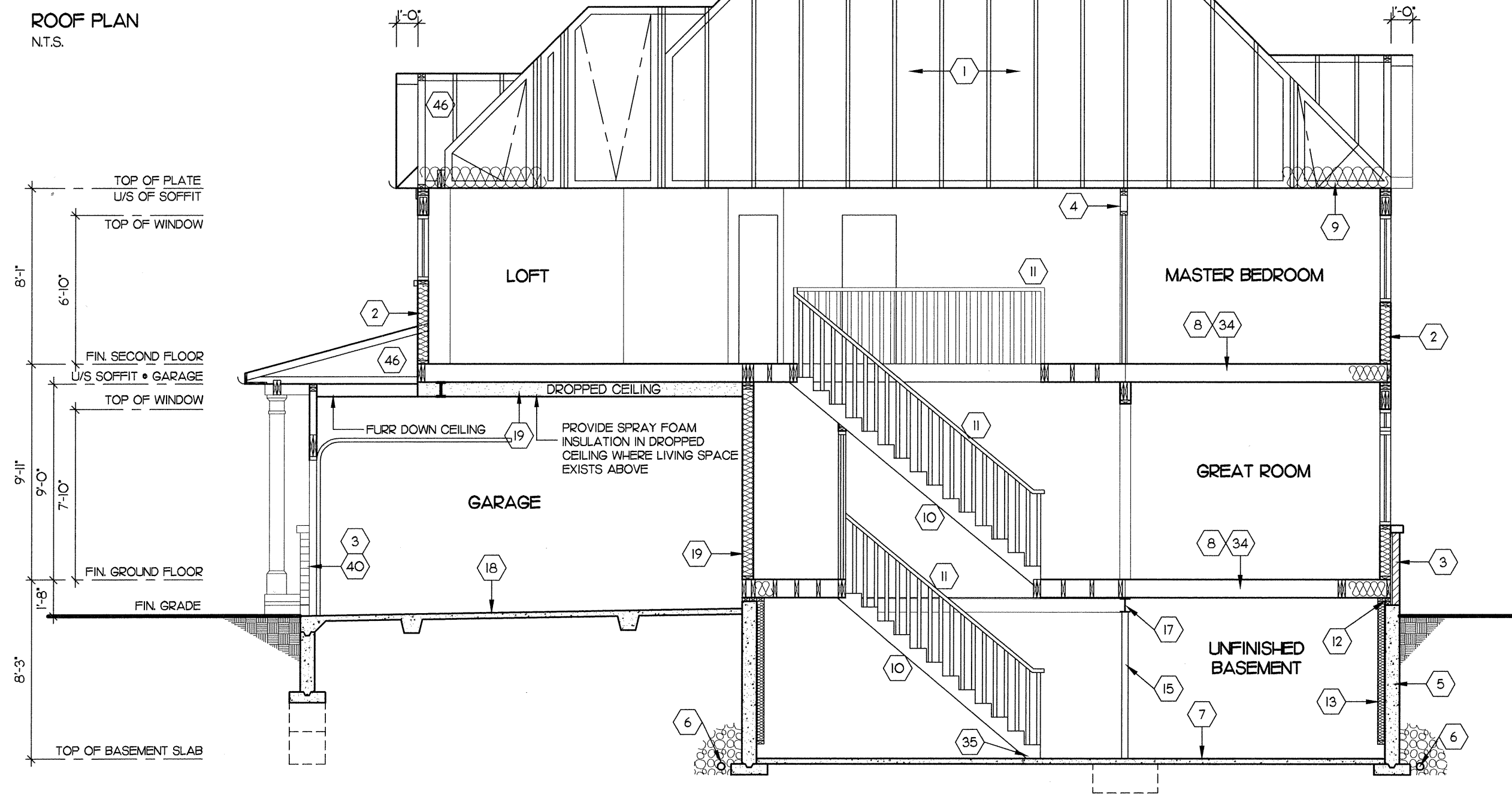
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Date: **JUNE 2012**

Drawn by: **SC/AA**
Checked by: **KR/TB**

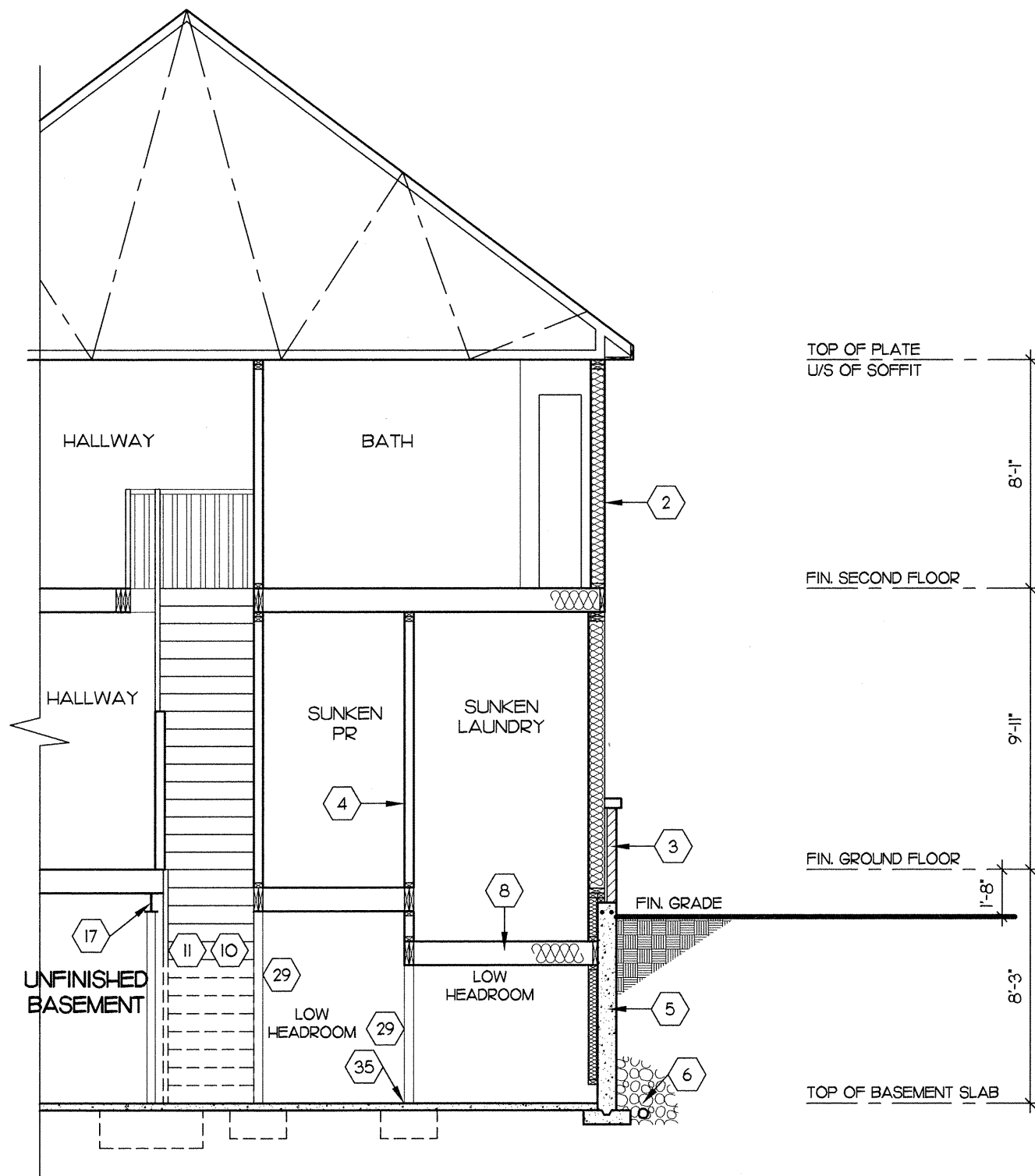
THE SUTTON



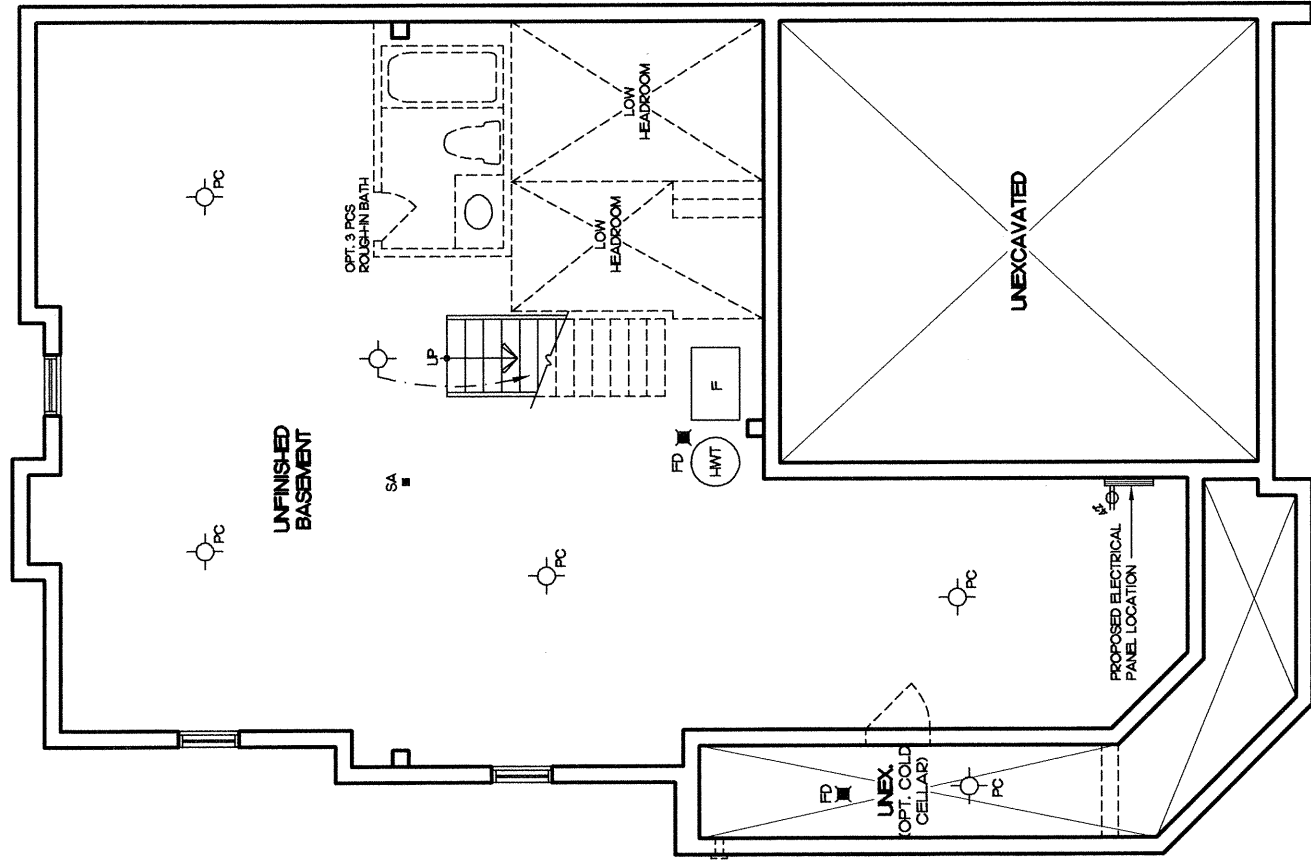
ROOF PLAN
N.T.S.



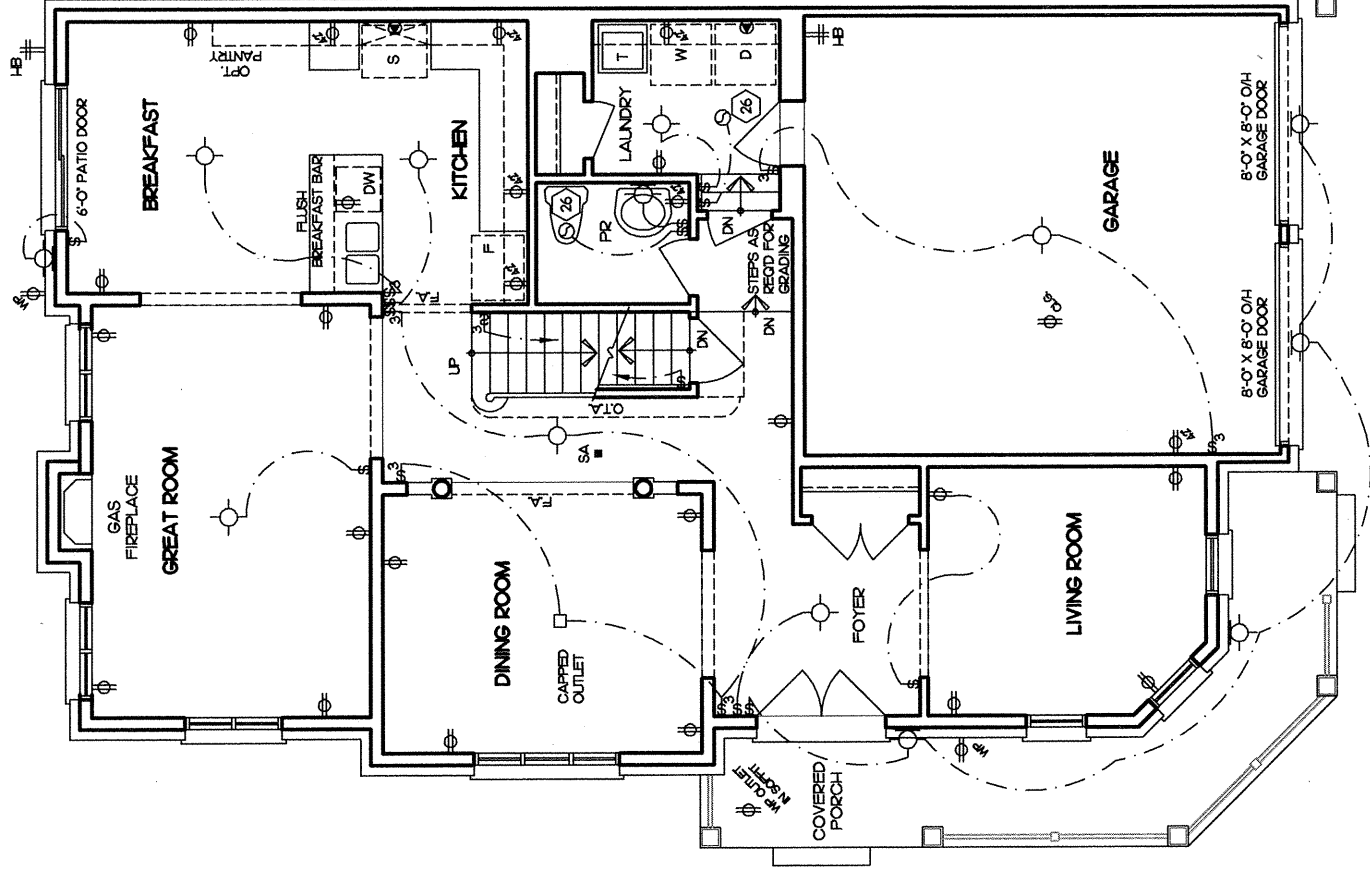
Client DELPAK/ HIGHCASTLE HOMES	Project No. 2008-65		Project No. 2008-65	
	Drawing No. 11 OF 13		Drawing No. 11 OF 13	
Project NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS	CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS		CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS	
	60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269		60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	
Sheet Title SECTION 'A'-A' & ROOF PLAN	REGISTERED PERSON: D.W. CASSIDY & CO. FIRM BCIN 28461		REGISTERED PERSON: D.W. CASSIDY & CO. FIRM BCIN 28461	
	I STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature _____ Date: JAN. 31, 2014		I STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature _____ Date: JAN. 31, 2014	
Scale 3/16" = 1'-0"	Drawn by SC/AA		Drawn by SC/AA	
	Date JUNE 2012		Date JUNE 2012	
ELEVATION 'A'	Checked by KR/TB		Checked by KR/TB	
	'THE SUTTON'		'THE SUTTON'	



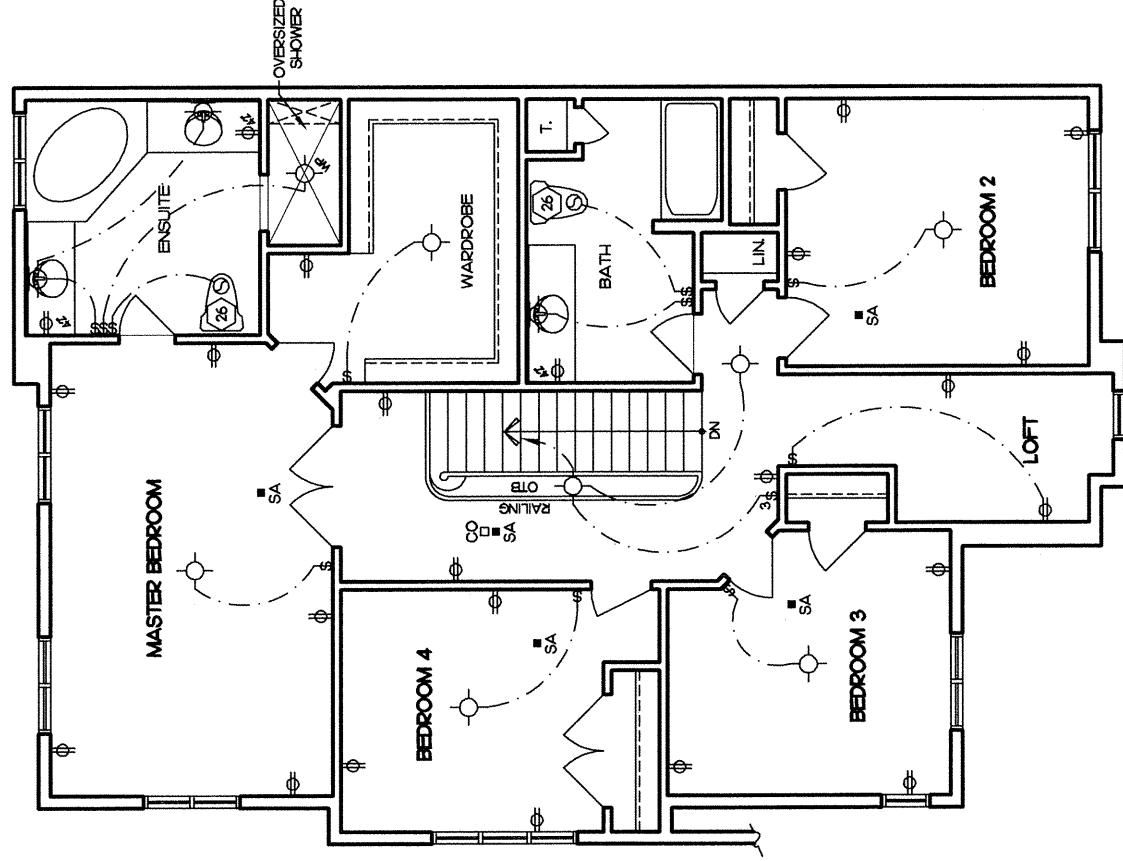
Client DELPARK/ HIGHCASTLE HOMES		Project NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS		Project No. 2008-65	
ELEVATION 'A'		SECTION 'E' - 'E'		REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461	
Scale 3/16" = 1'-0"		Drawn by CP		I <u>STEPHEN P. KENNEDY</u> have	
Date JUNE 2012		Checked by KR/TB		reviewed and take responsibility for this design.	
THE SUTTON		Signature <u></u>		PH (905) 619-1270 FAX (905) 619-1269	
		BCIN <u>23411</u> Date: <u>JAN. 31, 2014</u>		ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3	
				CASSIDY & CO.	



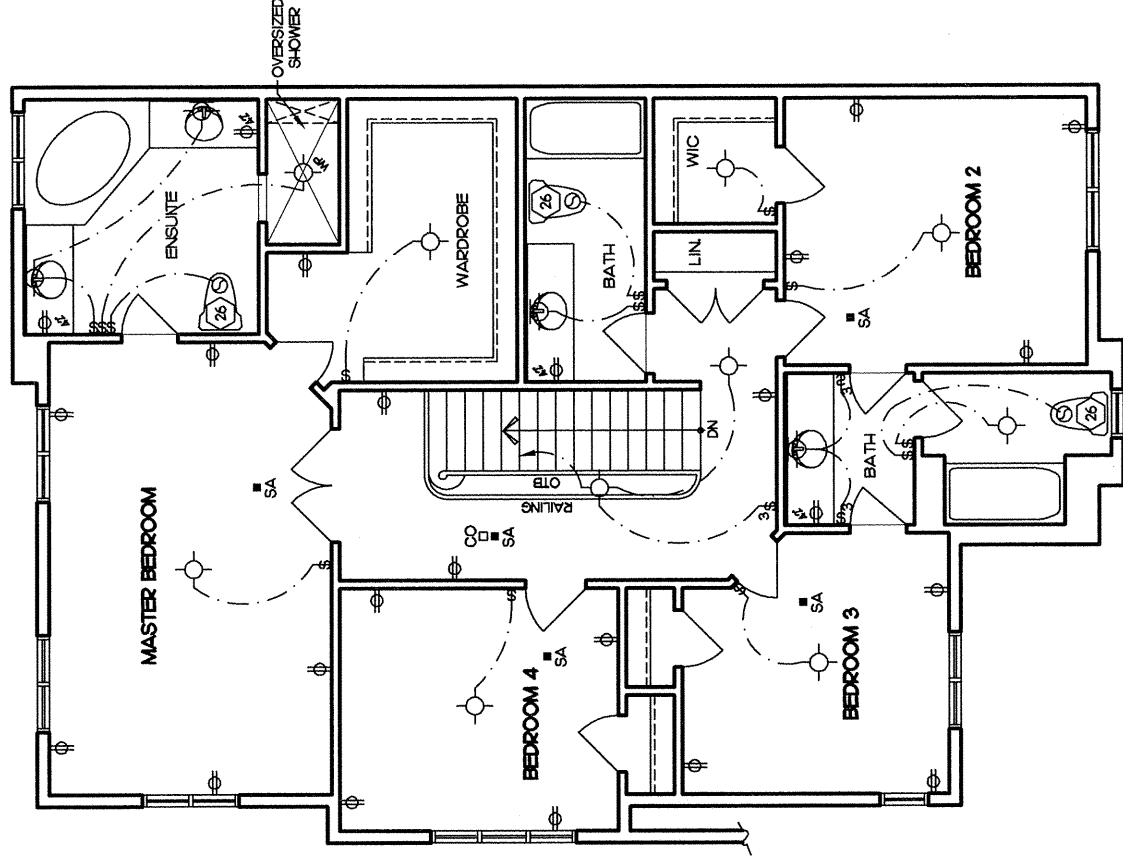
BASEMENT PLAN



GROUND FLOOR PLAN

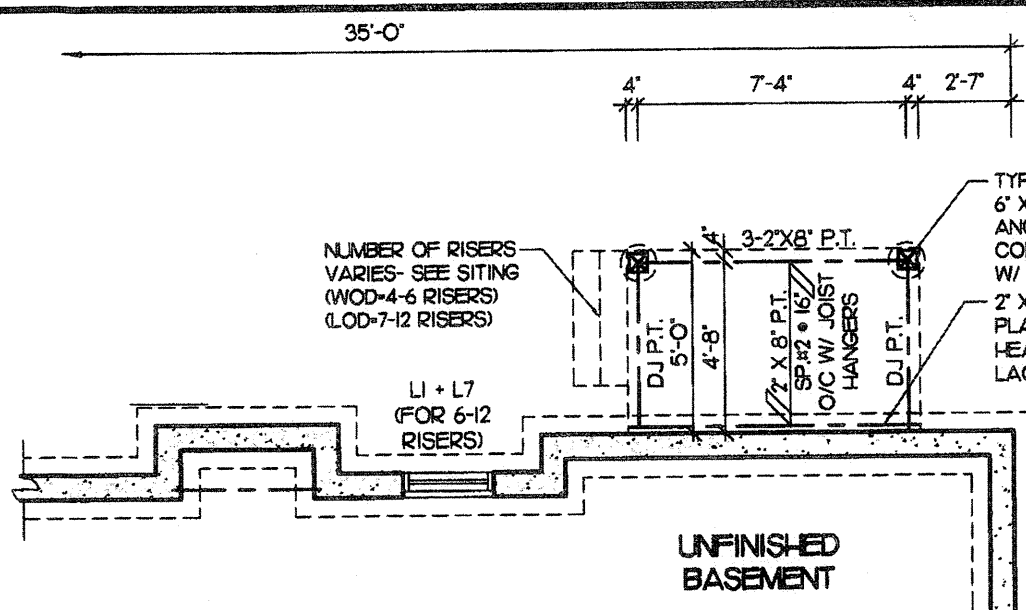


SECOND FLOOR PLAN

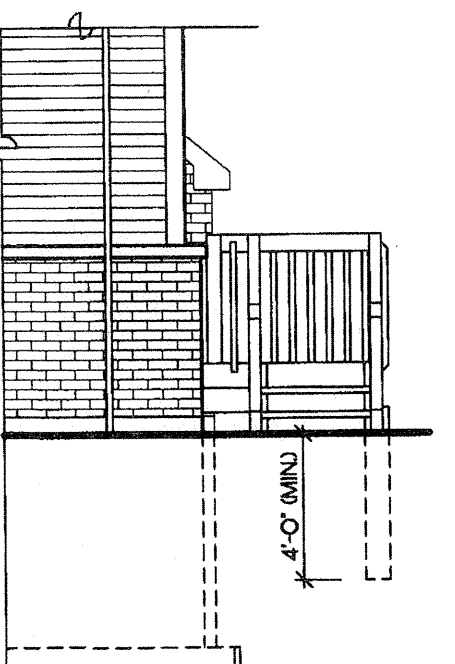


OPT. SECOND FLOOR PLAN

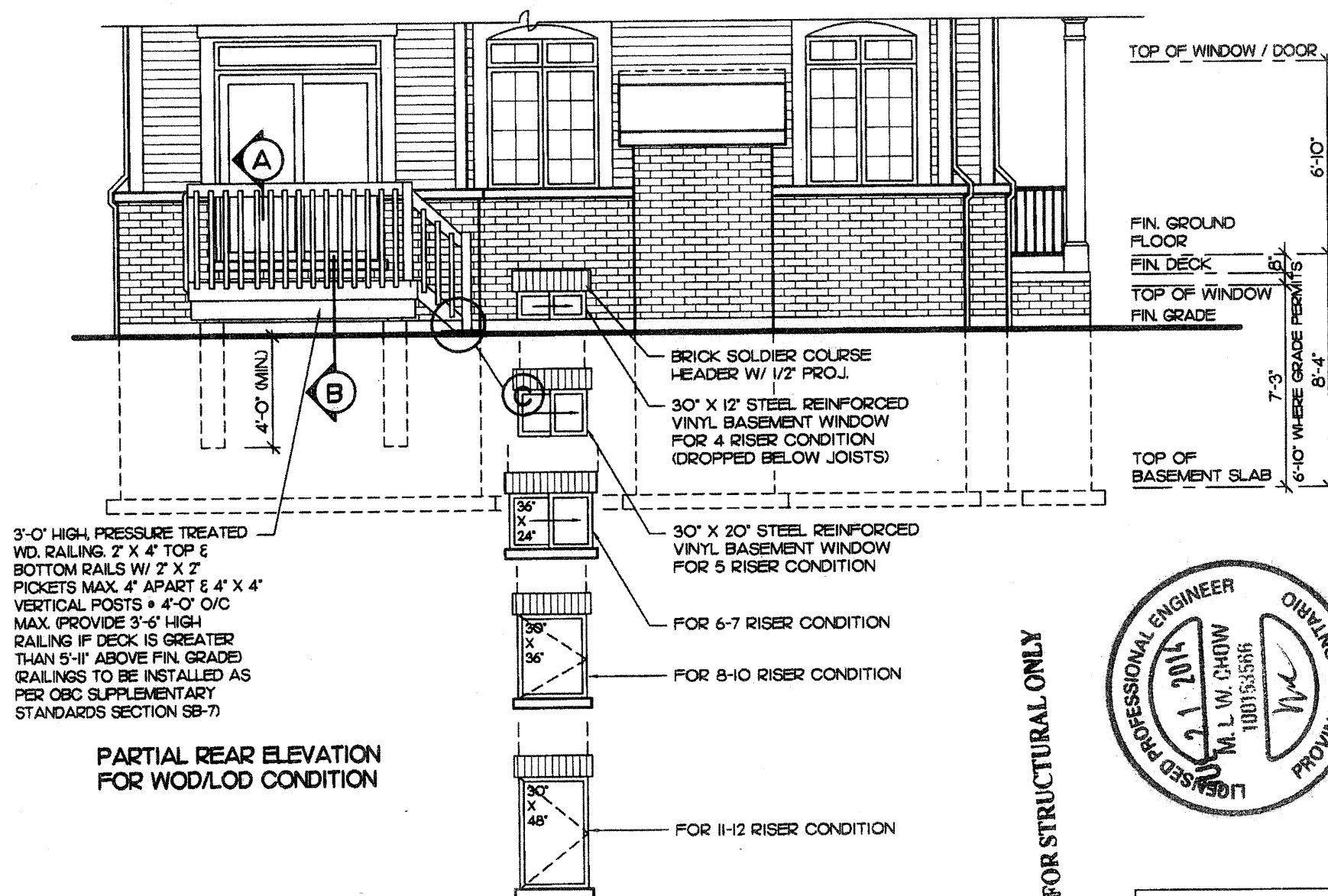
Client DEL PARK/ HIGHCASTLE HOMES	ELECTRICAL PLANS		REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		Project No. 2008-65
	NORTHGLENN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS		I STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature  BCIN 23411 Date: JAN. 31, 2014		
Project ELEVATION 'A'		Scale N.T.S.	Drawn by SC/AA	ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	
		Date JUNE 2011	Checked by KR/TB	Drawing No. 13 OF 13	
		"THE SUTTON"			



PARTIAL BASEMENT PLAN FOR W.O.D./L.O.D. CONDITION



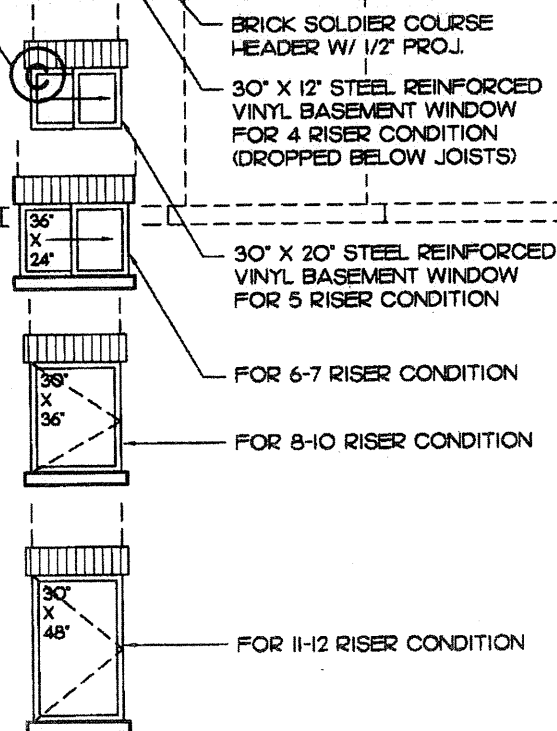
PARTIAL RIGHT SIDE ELEVATION FOR W.O.D./L.O.D. CONDITION



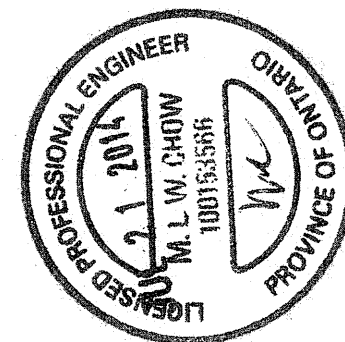
PARTIAL GROUND FLOOR PLAN FOR W.O.D./L.O.D. CONDITION

3'-0" HIGH, PRESSURE TREATED WD. RAILING, 2" X 4" TOP & BOTTOM RAILS W/ 2" X 2" PICKETS MAX. 4" APART & 4" X 4" VERTICAL POSTS @ 4'-0" O/C MAX. (PROVIDE 3'-6" HIGH RAILING IF DECK IS GREATER THAN 5'-11" ABOVE FIN. GRADE) (RAILINGS TO BE INSTALLED AS PER OBC SUPPLEMENTARY STANDARDS SECTION SB-7)

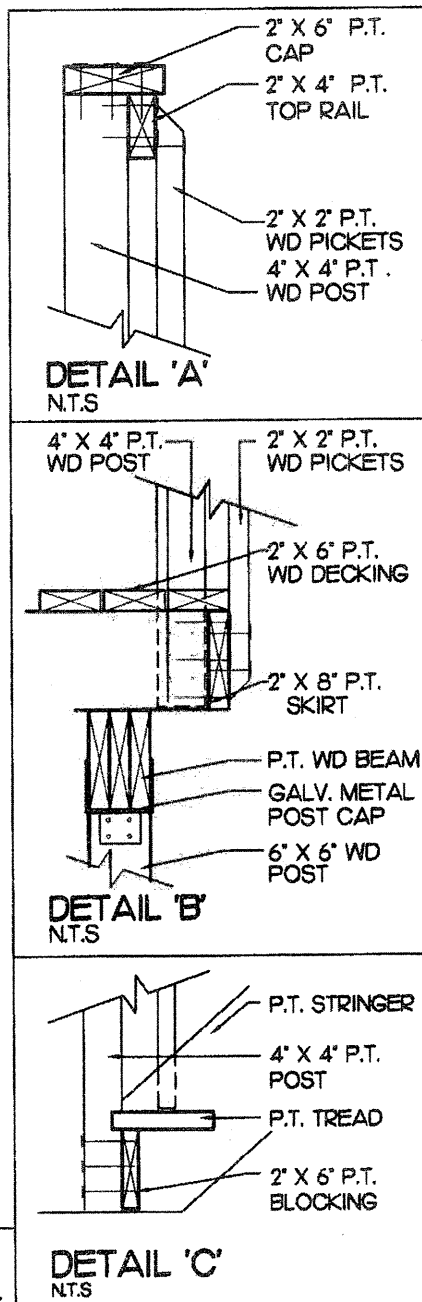
PARTIAL REAR ELEVATION FOR W.O.D./L.O.D. CONDITION



FOR STRUCTURAL ONLY



NOTE: REFER TO PAGES 2, 3, 9 & 10 FOR INFORMATION NOT SHOWN.



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ARCHITECTURAL REVIEW / APPROVAL
JUL 3 2014
John G. Cassidy Limited, Architect

Project No. 2008-65	Drawing No. 13A OF 13
CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461 STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature: [Signature] BCIN 23411 Date: JUL 25 2014
Client: DELPARK/ HIGH-CASTLE HOMES Project: NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 40-5 CORNER 9'-0" CEILINGS ELEVATION 'A'	Scale: 3/16" = 1'-0" Drawn by: TB Checked by: PK Date: JULY 2014 THE SUTTON



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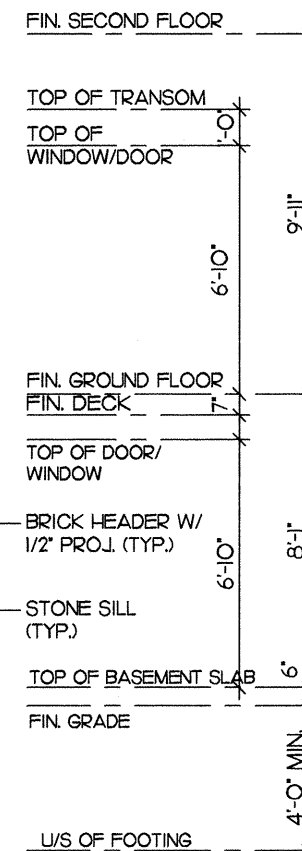
CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS	Project No.	2008-65
	Drawing No.	13B OF 13

60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3	PH (905) 619-1270 FAX (905) 619-1269
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REGISTERED PERSON:
D.W. CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS
FIRM BCIN 28461

I, **STEPHEN P. KENNEDY** have
reviewed and take responsibility for this design.

Signature _____
BCIN **23411** Date: **NOV 04 2015**



REAR ELEVATION

Client
DELPARK/ HIGHCASTLE HOMES

Scale 3/16" = 1'-0"	Drawn by SC/AA
------------------------	-------------------

**NORTHGLEN
MUNICIPALITY OF CLARINGTON
UNIT 40-5 CORNER
9'-0" CEILINGS**

"THE SUTTON"

ELEVATION 'A'