

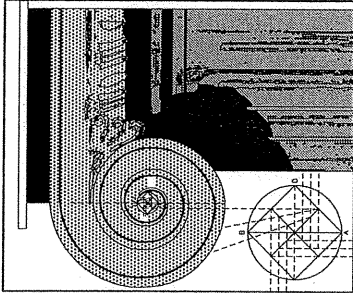
NORTHGLEN

33' LOT PRODUCT - 8'-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)

DELPARK HOMES ONLY		Elev. 'A'
Gross area of peripheral walls:	3024.01 SF	
Gross area of openings:	255.29 SF =	8.44% Ratio
Gross area of openings w/opt. fin. bsmt.:	267.84 SF =	8.86% Ratio
HIGHCASTLE HOMES ONLY		Elev. 'A'
Gross area of peripheral walls:	3024.01 SF	
Gross area of openings:	248.41 SF =	8.21% Ratio
Gross area of openings w/opt. fin. bsmt.:	260.96 SF =	8.23% Ratio



CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS

No.	DESCRIPTION	DATE	BY
11	UPDATED FOR 2012 OBC AND ISSUED TO CLIENT	JAN. 20, 2015	TB
10	CLARIFIED STAIRS FOR OUTDOOR PARKING SPACE	NOV. 26, 2013	PK
9	ADDED SHEET 6A AND IOA WITH REVISED BASEMENT WINDOW HEIGHT TO 24' FOR HIGHCASTLE HOMES ONLY - ISSUED TO CLIENT	NOV. 11, 2013	TB
8	ADDED EGRESS WINDOW TO OPT. BDRM 4 IN BSMT AS PER TOWN COMMENTS, REVISED LINTEL IN DINING ROOM AS PER P. ENG. AND ISSUED TO CLIENT	OCT. 24, 2013	TB
7	REVISED COMPLIANCE PACKAGE FROM J TO D & ISSUED FOR PERMIT	APRIL 03, 2013	PS
6	ISSUED TO CLIENT		PS
5	ISSUED TO P. ENG FOR FINAL STRUCTURAL CHECK	MAR. 29, 2012	PS
4	REVISED ROOF STRUCTURE/ ISSUED FOR STRUCTURAL REVIEW	FEB. 01, 2012	PS
3	REVISED PORCH TO ALIGN FLUSH WITH GARAGE WALL BY DROPPING US OF SOFFIT AND DECREASING THE ROOF O/H TO 6'	SEPT. 20/11	PS
2	ADDED MASONRY PLINTH AROUND GROUND FLOOR PERIMETER - RE-ISSUED TO CLIENT FOR COORDINATION	JULY 29/11	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
FIN. BASEMENT AREA		418	45
OPT. FINISHED BASEMENT AREA		5416	583
GROUND FLOOR AREA		9457	1018
SECOND FLOOR AREA		7144	769
TOTAL FLOOR AREA		17019	1832
TOTAL FLOOR AREA W/ OPT. FINISHED BASEMENT		22018	2370
OPEN AREA (NOT INCL. IN TOTAL AREA)		1821	196
COVERAGE (INCLUDING PORCH & DECK & OPT. STAIR)		11724	1262
COVERAGE (NOT INCLUDING PORCH)		10071	1084

Client		Sheet Title	
DELPARK/ HIGHCASTLE HOMES		AREAS & REVISIONS	
Project		Scale	Drawn by
		N.T.S.	G/AA
		Date	Checked by
NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS		APRIL 2013	BM
ELEVATION 'A'		'SHERBOURNE'	

REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		PROJECT NO. 2008-65	
I STEPHEN P. KENNEDY have reviewed and taken responsibility for this design.		DRAWING NO. 1 OF 12	
Signature		PROJECT NO. 2008-65	
BCIN 23411 Date: JAN. 20, 2015		ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	

CONSTRUCTION NOTES

UNLESS OTHERWISE NOTED
2012 O.B.C. O. REG. 332/12 (REVISED 7 JANUARY 2014)
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.

1 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.

2 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.

3 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. 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.

4 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.

5 FOUNDATION WALL
200 mm (6") FOURED 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 KEVED CONC. FTG OR AS PER SOIL REPORT. BACKFILL WITH NON-FROST SUSCEPTIBLE SOIL.

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

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

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

9 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

10 ALL STAIRS/EXTERIOR STAIRS
MAX. RISE..... = 200 (7 7/8")
MIN. RISE..... = 123 (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'-9")
MIN. RUN..... = 150 (5 7/8")
MIN. AVERAGE RUN..... = 200 (7 7/8")

11 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

12 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.

13 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.

14 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.

15 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.

16 BEAM POCKET
BEAM TO BE GROUTED IN.

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

18 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.

19 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.

20 GAS PROOFED DOOR
PROVIDE SELF CLOSER AND WEATHER STRIPPING.

21 PRECAST CONCRETE STEP

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

23 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.

24 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.

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

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

27 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.

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

29 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.

30 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.

31 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.

32 RESERVED

33 PARTY WALLS
RESERVED

34 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. WHERE SPECIFIED. 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.

35 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.

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

37 RESERVED

38 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.

39 RESERVED

40 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

41 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/CSA-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) (4) 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) (4) 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 x 140 mm (2" x 6") @ 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/PTI 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")
INSULATED MIN RSI 0.7, (R4)

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

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

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

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

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

7 -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.

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

9 -EXTERIOR DOOR 910 x 2030 x 45 (3'0" x 6'8" x 1 3/4")
INSULATED MIN RSI 0.7, (R4)

10 -EXTERIOR DOOR 1070 X 2440 X 45 (3'6" x 8'0" x 1 3/4")
INSULATED MIN. RSI 0.7, (R4)

11 -36" X 80" 2 PANEL SLIDING DOORS

12 -48" X 80" 2 PANEL SLIDING DOORS

13 -60" X 80" 2 PANEL SLIDING DOORS

14 -72" X 80" 2 PANEL SLIDING DOORS

15 -84" X 80" 2 PANEL SLIDING DOORS

16 -96" X 80" 2 PANEL SLIDING DOORS

LINTEL/BEAM SCHEDULE

L1.....2 - 38 x 184.....(2 - 2 x 8) SPR. #2
L2.....2 - 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 FG FIXED GLASS
Ø DUPLEX OUTLET (HEIGHT AS NOTED) PL ☒ POINT LOAD FA FLAT ARCH
Ø WEATHERPROOF DUPLEX OUTLET A.F.F. ABOVE FINISHED FLOOR GT. GROSS TRUSS
Ø HEAVY DUTY OUTLET T.O.S. TOP OF STEEL DT. DOUBLE TRUSS
Ø LIGHT FIXTURE (CEILING) FD ☒ FLOOR DRAIN DJ. DOUBLE JOIST
Ø LIGHT FIXTURE (PULL CHAIN) P.T. PRESSURE TREATED LUMBER TL. TRIPLE JOIST
Ø LIGHT FIXTURE (WALL MOUNTED) L.V.L. LAMINATED VENEER LUMBER ☒ CLASS 'B' VENT
Ø LIGHT FIXTURE (POT LIGHT) SA ☒ SMOKE ALARM (INTERCONNECTED) ☒ EXHAUST VENT
Ø SWITCH CO ☒ CARBON MONOXIDE ALARM
Ø SWITCH (3 WAY) ☒ CABLE JACK
Ø TELEPHONE JACK

Client
DELPAK/ HIGHCASTLE HOMES

Project
NORTHGLEN
MUNICIPALITY OF CLARINGTON
UNIT 33-6
8-O" CEILINGS

ELEVATION 'A'

CONSTRUCTION NOTES

Scale N.T.S.
Date APRIL 2013
Drawn by G/A/A
Checked by BM
"SHERBOURNE"

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

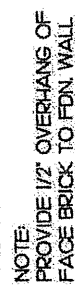
I, STEPHEN P. KENNEDY have
reviewed and take responsibility for this design.
Signature
BCIN 23411 Date: JAN 15 2015

Project No.
CASSIDY & CO.
ARCHITECTURAL TECHNOLOGISTS
2008-65

Drawing No.
60 RANDALL DRIVE
SUITE 11
AJAX, ONTARIO
L1S 6L3
PH (905) 619-1270
FAX (905) 619-1269
2 OF 12

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

Figure 1



Client	Delpark/ Highcastle Homes			Sheet Title	FOUNDATION PLAN			REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		PROJECT NO. 2008-65	
Project	NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS			Scale	3/16" = 1'-0"	Drawn by	GI/AA	DESIGNER STEPHEN P. KENNEDY		Drawing No.	
				Date	JUNE 2012	Checked by	BM	Reviewed and take responsibility for this design. Signature 		60 RANDALL DRIVE SUITE 11 AUX, ONTARIO L1S 6L3	
	ELEVATION 'A'			"SHERBOURNE"				BCIN 23411 Date: JAN 15 2015		PH (905) 619-1270 FAX (905) 619-1269	

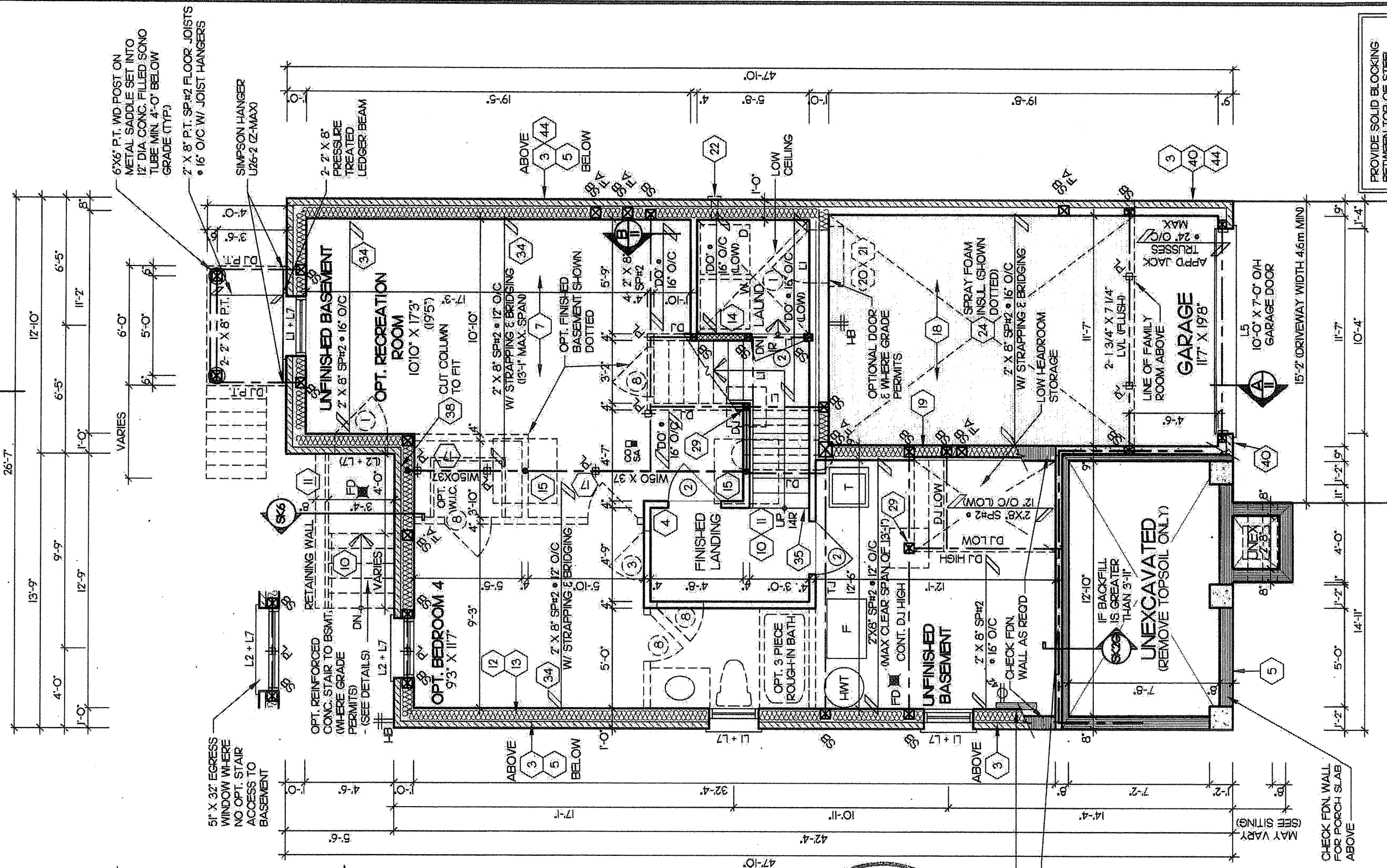
It is the builder's complete responsibility to ensure that all plans submitted for approval fully comply with the Architectural Guidelines and all applicable regulations and requirements in the County of Clarington. The Architect is not responsible in any way for examining or approving site (lotting) 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.

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

ARCHITECTURAL REVIEW / APPROVAL

FEB 27 2015

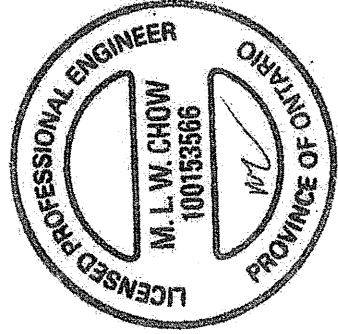
John G. Williams Limited, Architect



PROVIDE SOLID BLOCKING BETWEEN TOP OF STEEL BEAM OR WOOD BEAM & FLOOR ABOVE WHERE POINT LOAD OCCURS

JAN 13 2015

FOR STRUCTURAL ONLY EXCLUDING ROOF TRUSS DESIGNS



PROPOSED ELECTRICAL PANEL LOCATION

PROVIDE 2'X4" SP#2 @ 12" O/C KNEEWALL ABOVE PORCH FDN FOR SUPPORT OF GROUND FLOOR ABOVE

NOTE: PROVIDE 1/2" OVERHANG OF FACE BRICK TO FDN. WALL

FLOOR JOISTS TO BE SPACED 12" O/C BELOW OVAL TUBES & TILED AREAS

WOOD FRAME KNEEWALL W/ 2 FLOORS SUPPORTED BRICK CONDITION (3B) AS PER NOTE 3 W/ 2'X4" SP#2 @ 12" O/C

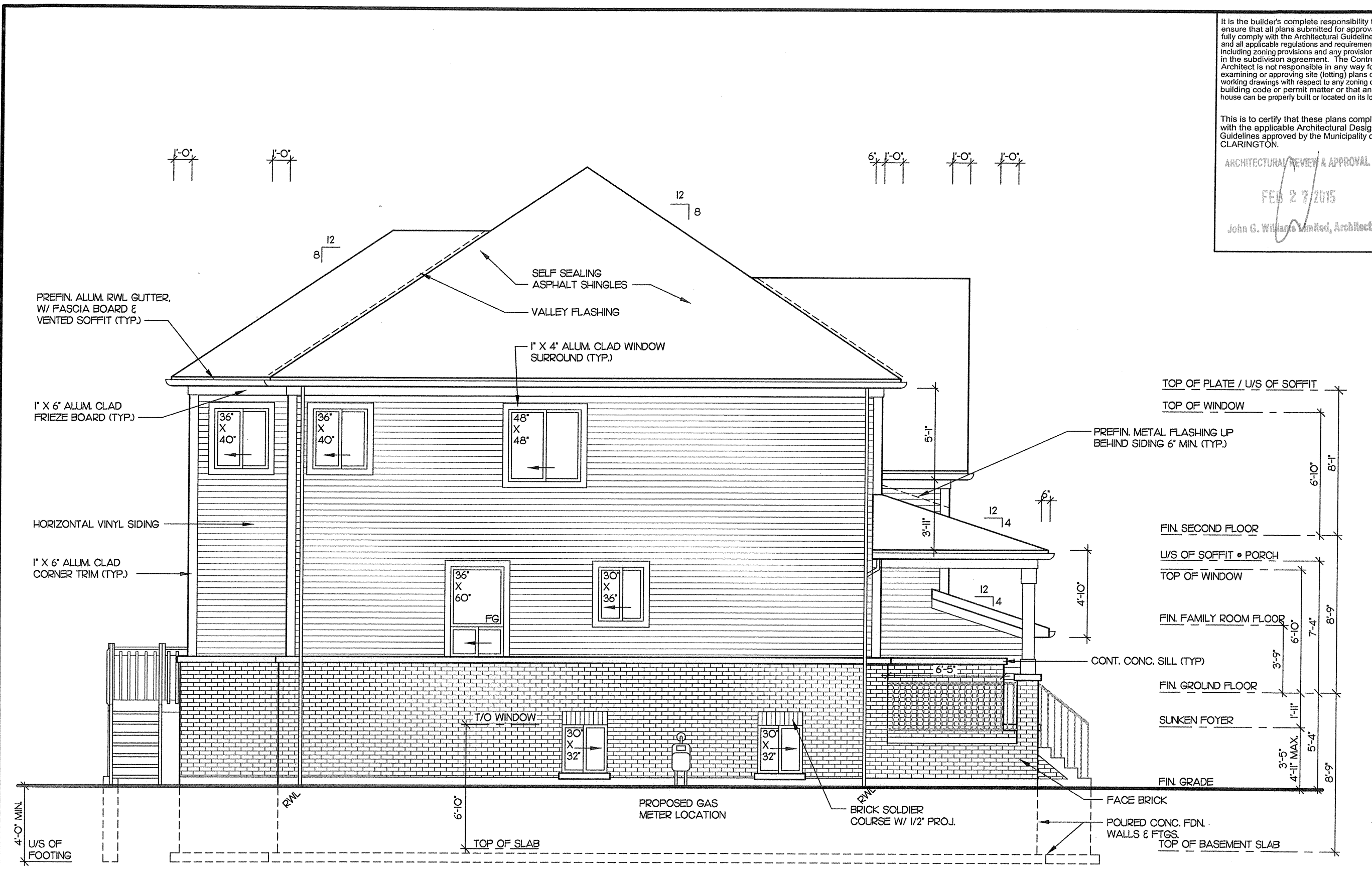
ENSURE MIN. R19 INSUL FOR WALL AREA ABOVE GRADE / FOUNDATION KNEEWALL

Client DEL PARK / HIGHCASTLE HOMES	Sheet Title BASEMENT PLAN	REGISTERED PERSON: D.W. CASSIDY & CO. FIRM BCIN 28461		Project No. 2008-65	
		have reviewed and taken responsibility for this design. Signature: STEPHEN P. KENNEDY BCIN 23411		Drawing No. 4 OF 12	
		Date: JAN 15 2015		Project Name: CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269	
Project NORTHGLENN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS		Scale 3/16" = 1'-0"		Drawn by GIAA	
ELEVATION 'A'		Date JUNE 2012		Checked by BM	

THE
NEW
YORK
PUBLIC
LIBRARY

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

[illegible]



LEFT SIDE ELEVATION
FOR DELPARK HOMES

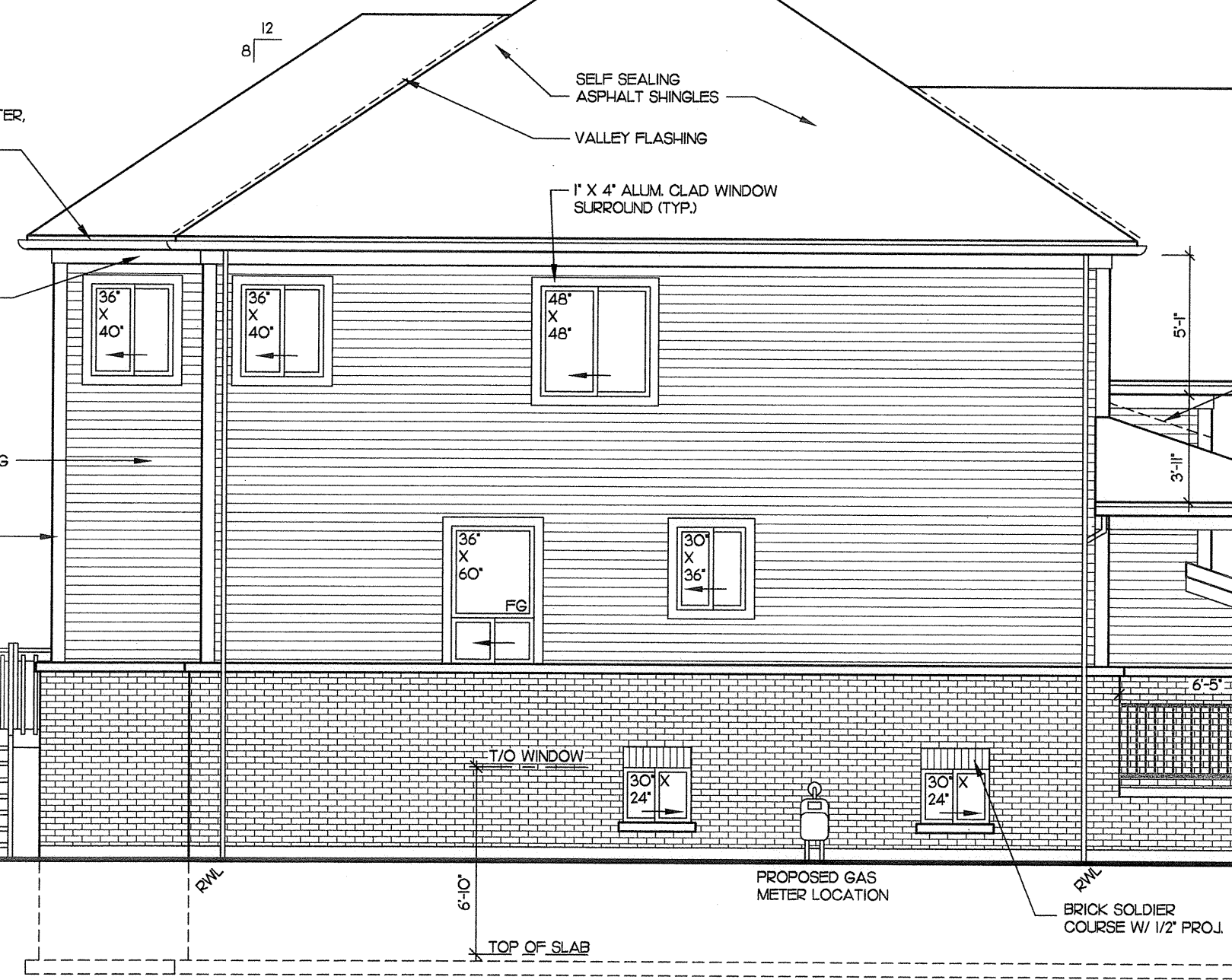
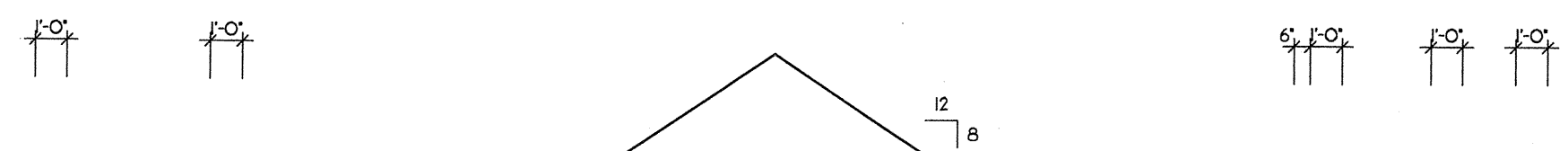
SPATIAL CALCULATIONS	
WALL AREA:	863.08 SF
LIMITING DISTANCE:	3'-11" @ 7%
ALLOWABLE OPENINGS:	60.41 SF
OPENINGS PROVIDED:	53.81 SF (GLASS AREA ONLY)

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ARCHITECTURAL REVIEW & APPROVAL
FEB 27 2015
John G. Williams Limited, Architect

Project No.	2008-65	Drawing No.	8 OF 12
	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		
have reviewed and take responsibility for this design.	STEPHEN P. KENNEDY Signature BCIN 23411 Date: _____		
Sheet Title	LEFT SIDE ELEVATION (DELPARK HOMES ONLY)		
Scale	3/16" = 1'-0"	Drawn by	G/AA
Date	JUNE 2012	Checked by	BM
Client	DELPARK/ HIGHCASTLE HOMES		
Project	NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS		
	ELEVATION 'A'		



PREFIN. ALUM. RWL GUTTER, W/ FASCIA BOARD & VENTED SOFFIT (TYP.)

1" X 6" ALUM. CLAD FRIEZE BOARD (TYP.)

HORIZONTAL VINYL SIDING

1" X 6" ALUM. CLAD CORNER TRIM (TYP.)

4'-0" MIN. U/S OF FOOTING

TOP OF PLATE / U/S OF SOFFIT

TOP OF WINDOW

6'-10" 8'-1"

FIN. SECOND FLOOR

U/S OF SOFFIT • PORCH

TOP OF WINDOW

FIN. FAMILY ROOM FLOOR

CONT. CONC. SILL (TYP.)

FIN. GROUND FLOOR

SUNKEN FOYER

FIN. GRADE

3'-5" 4'-11" MAX. 5'-4" 8'-9"

3'-9" 6'-10" 7'-4" 8'-9"

4'-10" 3'-11" 6'-5"

5'-1" 12/8 12/4 6"

SPATIAL CALCULATIONS	
WALL AREA:	863.08 SF
LIMITING DISTANCE:	3'-11" • 7%
ALLOWABLE OPENINGS:	60.41 SF
OPENINGS PROVIDED:	45.45 SF (GLASS AREA ONLY)

LEFT SIDE ELEVATION
FOR HIGHCASTLE HOMES

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ARCHITECTURAL REVIEW & APPROVAL

FEB 27 2015

John G. Williams Limited, Architect

Project No.	2008-65	Drawing No.	8A OF 12
	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 taken responsibility for this design. Signature: [Signature] Date: JAN 15 2015 BCIN 23411	
LEFT SIDE ELEVATION (HIGHCASTLE HOMES ONLY)		Scale: 3/16" = 1'-0" Drawn by: G/AA Checked by: BM Date: JUNE 2012	
Client: DELPARK/ HIGHCASTLE HOMES		Project: NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS	
		ELEVATION 'A'	

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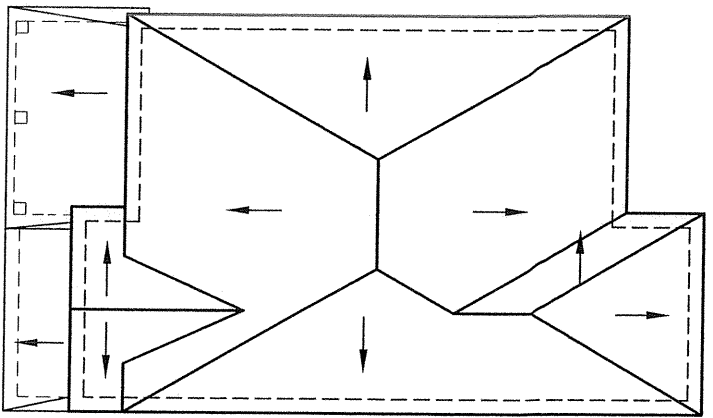
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ARCHITECTURAL REVIEW & APPROVAL

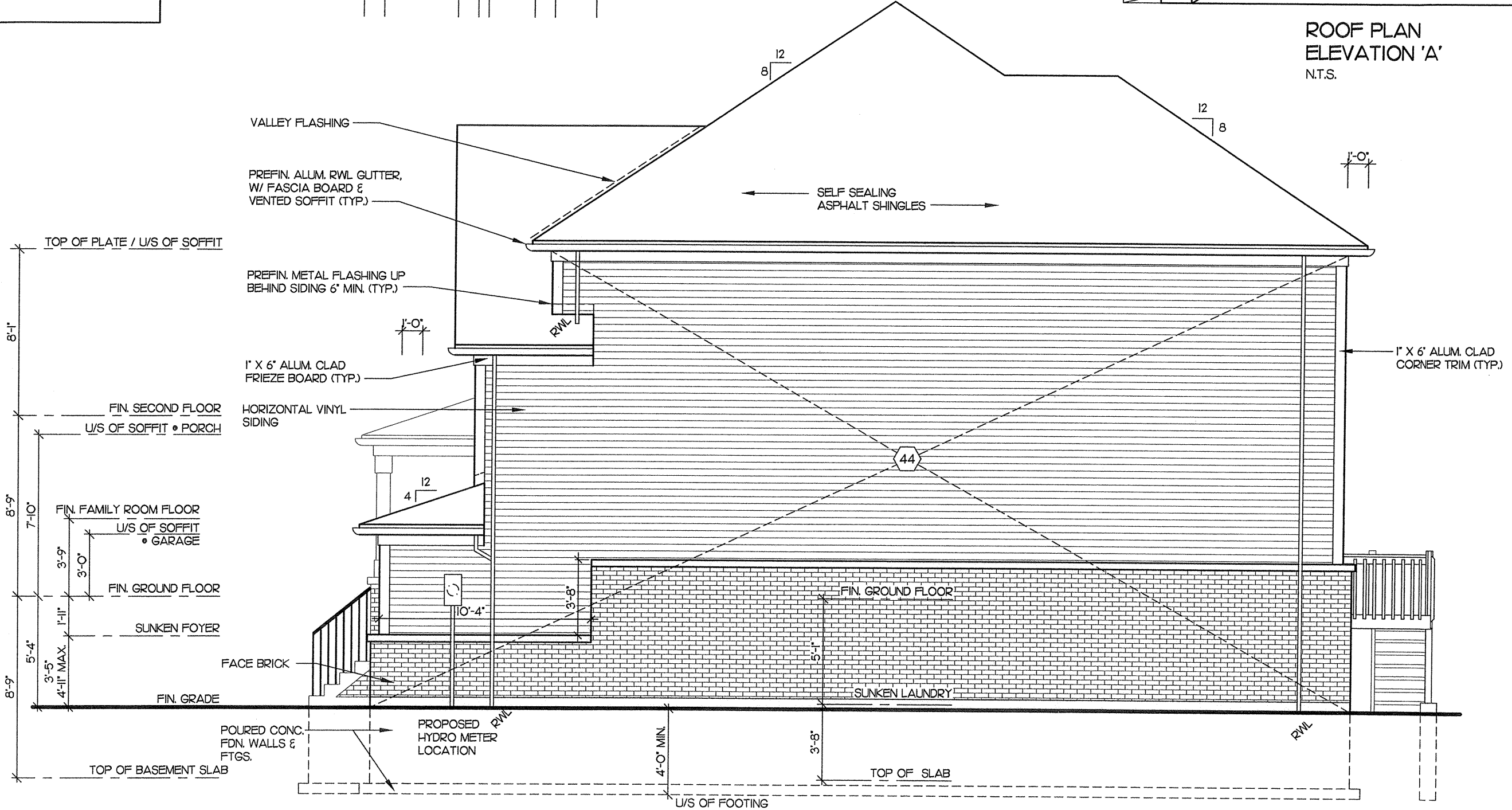
FEB 27 2015

John G. Williams Limited, Architect

1'-0" 1'-0" 6" 1'-0" 2'-0"



ROOF PLAN
ELEVATION 'A'
N.T.S.



Project No. 2008-65
Drawing No. 9 OF 12
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
BCIN 23411 Date: JAN 15 2015

Sheet Title
RIGHT SIDE ELEVATION
& ROOF PLAN
Scale 3/16" = 1'-0"
Date JUNE 2012
Drawn by G/AA
Checked by BM
"SHERBOURNE"

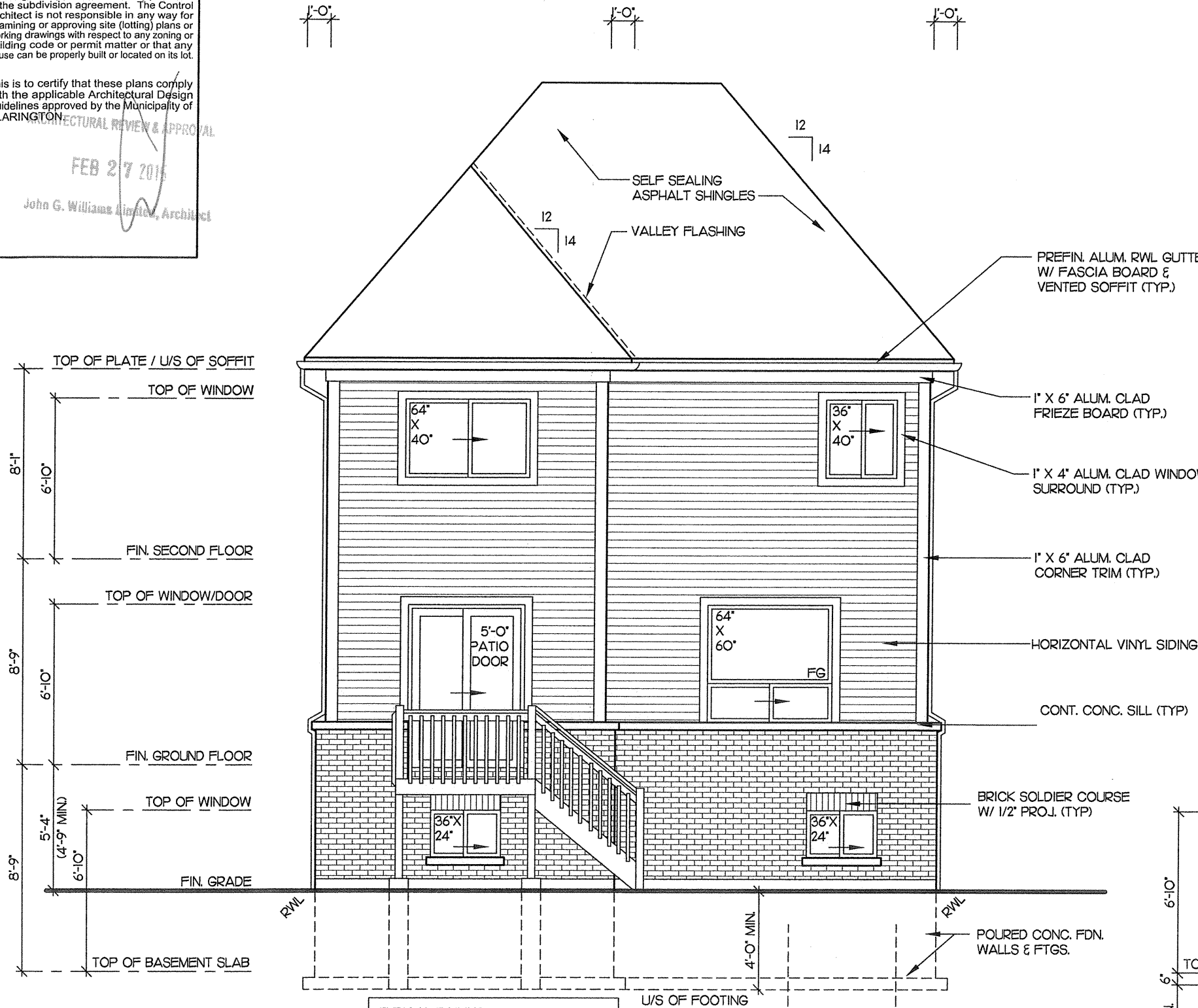
Client
DELPARK/ HIGHCASTLE HOMES
Project
NORTHGLEN
MUNICIPALITY OF CLARINGTON
UNIT 33-6
8'-0" CEILINGS
ELEVATION 'A'

Client DELPARK/ HIGHCASTLE HOMES		Sheet Title REAR ELEVATION & PARTIAL LEFT SIDE ELEV. (DELPARK HOMES ONLY)		REGISTERED PERSON: D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		Project No. 2008-65	
Project NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS		Scale 3/16" = 1'-0"		I STEPHEN P. KENNEDY have		Drawing No. 10 OF 12	
		Drawn by G/AA		reviewed and takes responsibility for this design.		60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3	
		Date JUNE 2012		Signature 		PH (905) 619-1270 FAX (905) 619-1269	
ELEVATION 'A'		"SHERBOURNE"		BCIN 23411 Date: JAN 15 2015			

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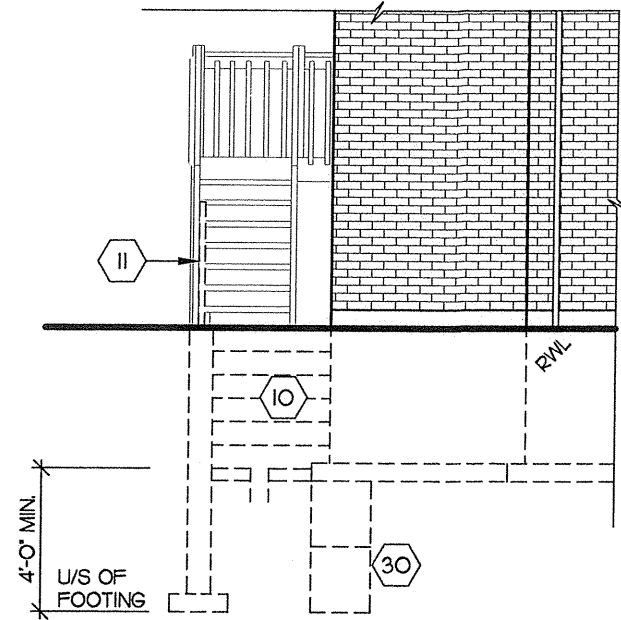
ARCHITECTURAL REVIEW & APPROVAL
FEB 27 2015
John G. Williams, Architect



REAR ELEVATION
FOR HIGHCASTLE HOMES

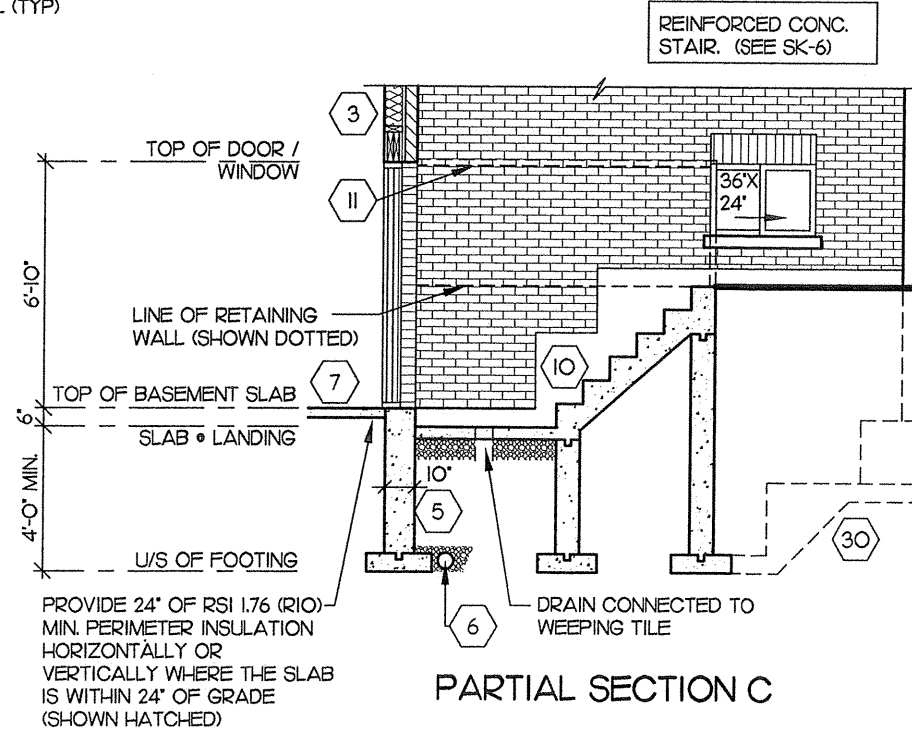
TYPICAL RAILING:
3'-6" HIGH PAINTED WD. RAILING W/
2"x4" TOP & BOTTOM RAILS & 2"x2"
PICKETS @ 4" O/C MAX. SPACING W/
4"x4" WD. POSTS (INSTALLED AS PER
O.B.C. SUPPLEMENTARY STANDARDS
SECTION SB-7)

FOR OPT. FIN. BSMT.
55" X 30" STEEL REINFORCED VINYL
BSMT. WINDOW W/ 67" WIDE GALV.
METAL WINDOW WELL DRAINED TO
WEEPING TILE AS REQ'D BY GRADE &
WHERE NO WALK-UP IS PROVIDED



PARTIAL LEFT SIDE ELEVATION

WALK-OUT BASEMENT SB-12 2.I.I.I.(II)
PROVIDE RSI 3.87 (R22) MINIMUM IN WALLS CONTAINING
THE DOOR OPENING AND ANY BASEMENT WALL THAT
HAS AN EXPOSED WALL AREA ABOVE THE GROUND
LEVEL EXCEEDING 50% OF THAT WALL AREA



PARTIAL SECTION C

Client DELPARK/ HIGHCASTLE HOMES		Project NORTHGLEN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS		Project No. 2008-65		Drawing No. IOA OF 12	
ELEVATION 'A'		REAR ELEVATION & PARTIAL LEFT SIDE ELEV. (HIGHCASTLE HOMES ONLY)		CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS 60 RANDALL DRIVE SUITE 11 AJAX, ONTARIO L1S 6L3 PH (905) 619-1270 FAX (905) 619-1269			
		Scale 3/16" = 1'-0"		I <u>STEPHEN P. KENNEDY</u> have			
		Date JUNE 2012		reviewed and take responsibility for this design.			
		Checked by BM		Signature <u></u>			
		"SHERBOURNE"		BCIN <u>23411</u> Date: <u>JAN 15 2015</u>			

8'-1" TOP OF PLATE / U/S OF SOFFIT

8'-9" FIN. SECOND FLOOR U/S OF SOFFIT • PORCH

7'-10" FIN. FAMILY ROOM FLOOR U/S OF SOFFIT • GARAGE

3'-9" FIN. GROUND FLOOR W/ SUNKEN FOYER

5'-4" FIN. GRADE

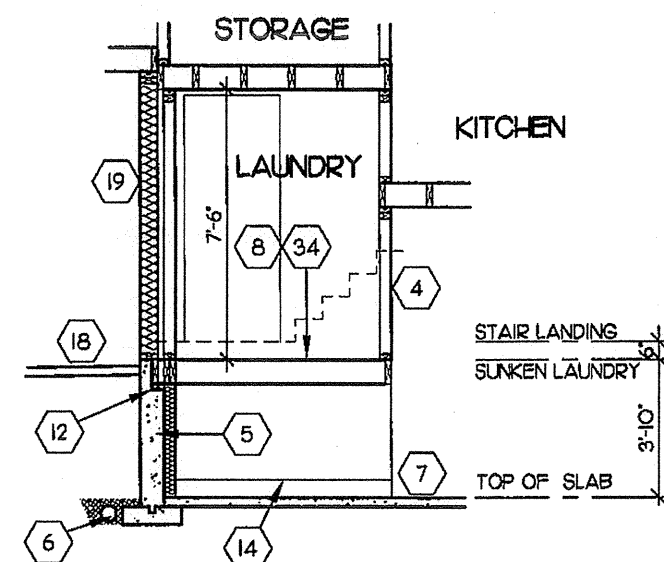
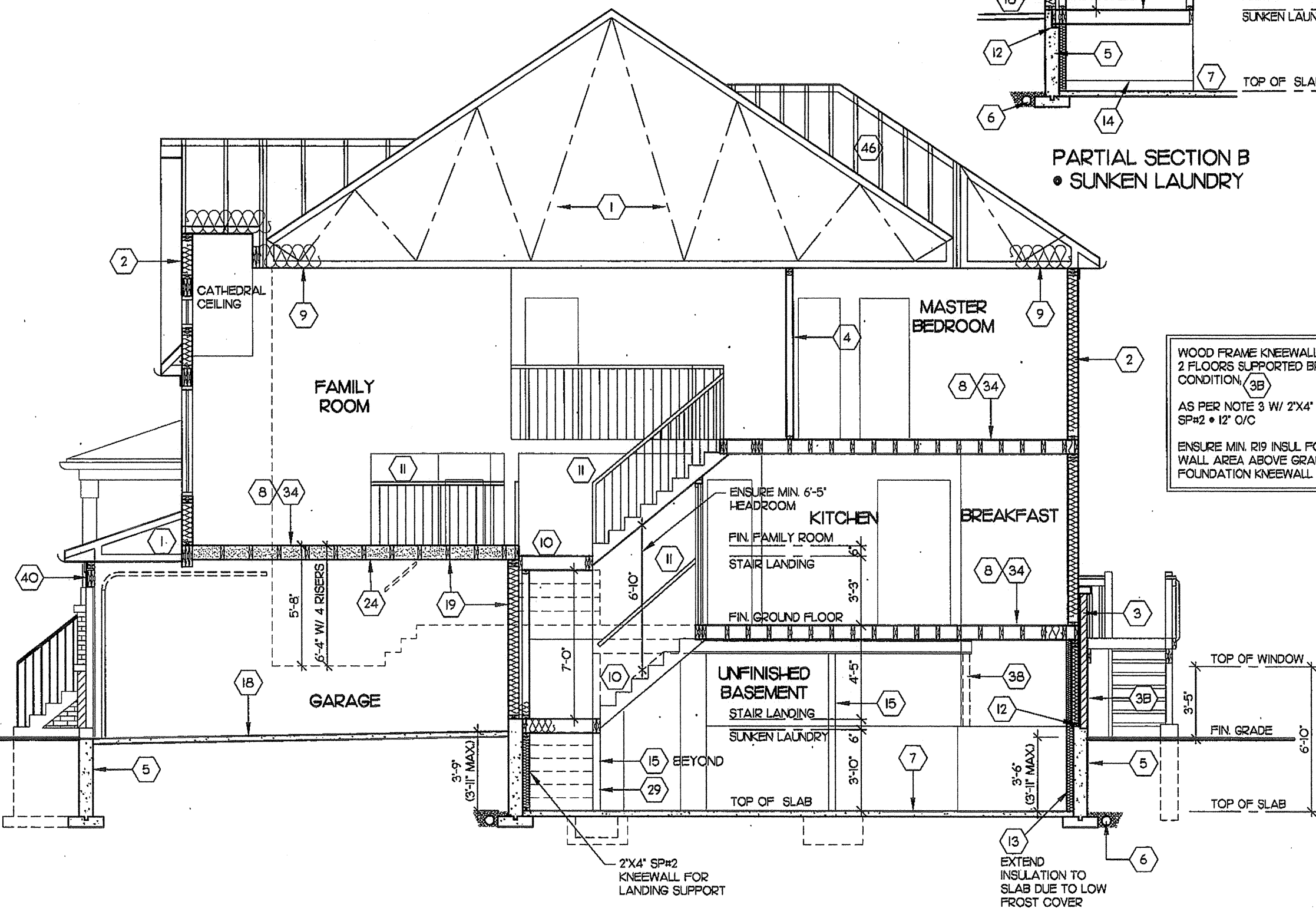
3'-5" TOP OF BASEMENT SLAB U/S OF FOOTING

4'-11" MAX. 1'-11" W/ 4R

3'-5" 4'-11" MAX.

3'-9" 3'-0" 3'-0"

SECTION A-A



PARTIAL SECTION B
• SUNKEN LAUNDRY

WOOD FRAME KNEEWALL W/
2 FLOORS SUPPORTED BRICK
CONDITION (3B)

AS PER NOTE 3 W/ 2'X4'
SP#2 • 12" O/C

ENSURE MIN. R19 INSUL FOR
WALL AREA ABOVE GRADE /
FOUNDATION KNEEWALL

Project No. 2008-65		Drawing No. 11 OF 12	
Client DELPARK/ HIGHCASTLE HOMES		Project NORTHGLENN MUNICIPALITY OF CLARINGTON UNIT 33-6 8'-0" CEILINGS	
Registered Person D.W. CASSIDY & CO. ARCHITECTURAL TECHNOLOGISTS FIRM BCIN 28461		Registered Person STEPHEN P. KENNEDY have reviewed and take responsibility for this design. Signature: [Signature] Date: JAN 15 2015	
Section 'A-A'		Scale 3/16" = 1'-0"	
Sheet Title		Date JUNE 2012	
ELEVATION 'A'		Checked by BM	
Project		ELEVATION 'A'	
Project		ELEVATION 'A'	

