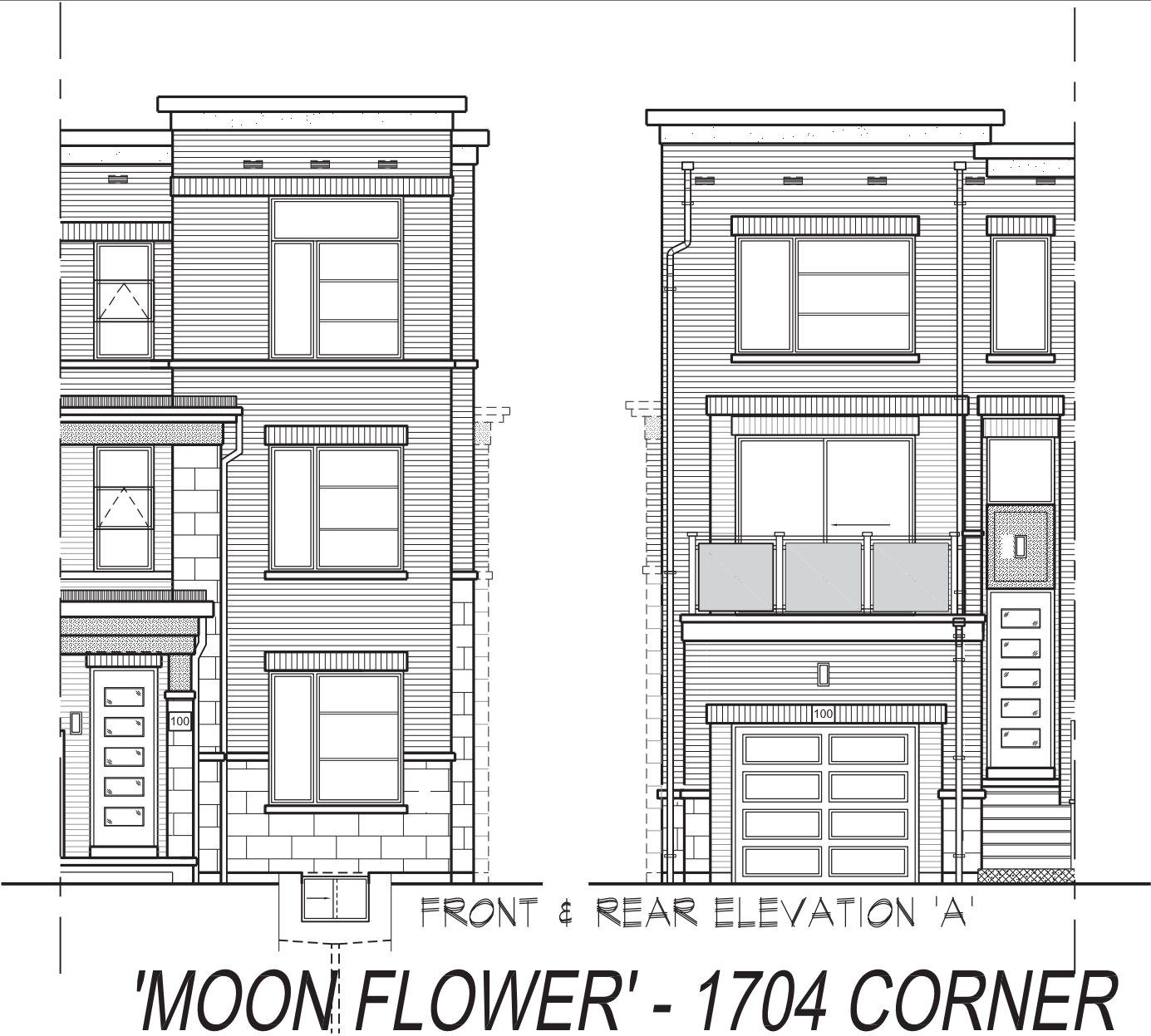


02 TYPICAL 1 HR PARTY WALL SECTION, PARALLEL ROOF TRUSSES, 1/2" = 1'-0"



SB-12 ENERGY EFFICIENCY DESIGN MATRIX

PRESCRIPTIVE COMPLIANCE		SB-12 (SECTION 3.1.1) TABLE 3.1.1.2.A	
PACKAGE A1		SPACE HEATING FUEL	
		<input checked="" type="checkbox"/> GAS	<input type="checkbox"/> OIL
		<input type="checkbox"/> ELECTRIC	<input type="checkbox"/> PROPANE
		<input type="checkbox"/> EARTH	<input type="checkbox"/> SOLID FUEL
BUILDING COMPONENT		REQUIRED	PROPOSED
INSULATION RSI (R) VALUE			
CEILING W/ ATTIC SPACE		10.56 (R60)	10.56 (R60)
CEILING W/O ATTIC SPACE		5.46 (R31)	5.46 (R31)
EXPOSED FLOOR		5.46 (R31)	5.46 (R31)
WALLS ABOVE GRADE		3.87 (R22)	3.87 (R22)
BASEMENT WALLS		3.52 ci	3.52 ci
* PROPOSED VALUES MAY BE SUBSTITUTED W/ 2.11+1.76ci (R12+R10ci)		(R20 ci) *	(R20 ci) *
BELOW GRADE SLAB ENTIRE SURFACE > 600mm BELOW GRADE		-	-
EDGE OF BELOW GRADE SLAB ≤ 600mm BELOW GRADE		1.76 (R10)	1.76 (R10)
HEATED SLAB OR SLAB ≤ 600mm BELOW GRADE		1.76 (R10)	1.76 (R10)
WINDOWS & DOORS			
WINDOWS/SLIDING GLASS DOORS (MAX U-VALUE)		1.6	1.6
SKYLIGHTS (MAX. U-VALUE)		2.8	2.8
APPLIANCE EFFICIENCY			
SPACE HEATING EQUIP. (AFUE%)		96%	96%
HRV EFFICIENCY (%)		75%	75%
DHW HEATER (EF)		0.8	0.8

AREA CALCULATIONS		EL. 'A'	
		STD. PLAN	
GROUND FLOOR AREA	586 sq. ft.		
SECOND FLOOR AREA	1018 sq. ft.		
THIRD FLOOR AREA	1083 sq. ft.		
SUBTOTAL	2687 sq. ft.		
DEDUCT ALL OPEN AREAS	0 sq. ft.		
TOTAL NET AREA	2687 sq. ft. (249.63 sq. m.)		
COVERAGE W/O PORCH	970 sq. ft. (90.12 sq. m.)		
COVERAGE W/ PORCH	1170 sq. ft. (108.70 sq. m.)		
WINDOW / WALL AREA CALCULATIONS		EL. A	EL. A
		STD. PLAN	CRN. PLAN
GROSS WALL AREA	4228 sq. ft. (392.61 sq. m.)	4228 sq. ft.	4226 sq. ft.
GROSS WINDOW AREA (INCL. GLASS DOORS & SKYLIGHTS)	435 sq. ft. (40.41 sq. m.)	507 sq. ft.	392.61 sq. m.
TOTAL WINDOW %	10.29 %	12.00 %	

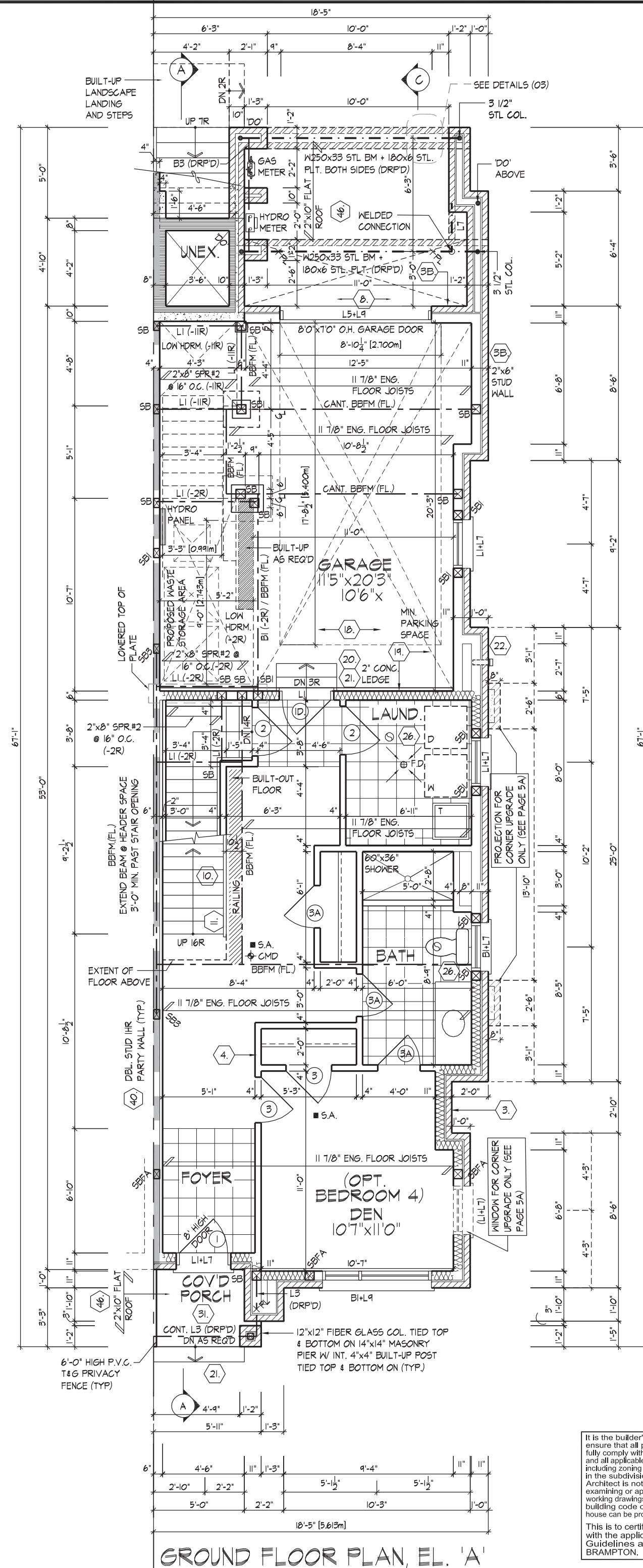
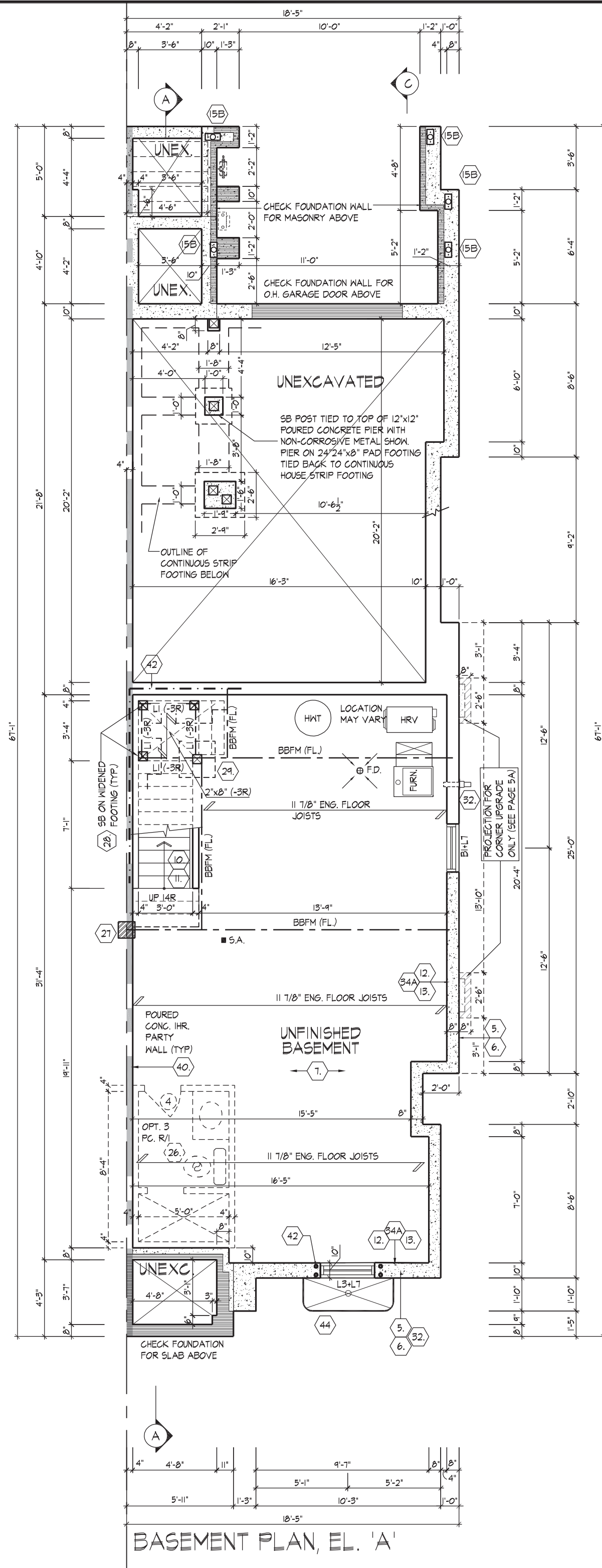


- 1 - TITLE PAGE
- 2 - BASEMENT PLAN. EL. 'A', GROUND FLOOR PLAN. EL. 'A'
- 3 - MAIN FLOOR PLAN. EL. 'A', THIRD FLOOR PLAN EL. 'A', ROOF PLAN
- 4 - FRONT & REAR ELEVATION 'A'
- 5 - FLANKAGE ELEVATION 'A'
- 6 - CORNER UPGRADE ELEVATION 'A'
- 7 - CROSS SECTION 'A-A' & DETAILS
- 8 - PARTIAL CROSS SECTION & DETAILS
- 9 - CONSTRUCTION NOTES 1 & 2



STAMP FOR STRUCTURAL ONLY, NOT INCLUDING PRE-ENGINEERED ROOF OR FLOOR SYSTEMS

7. ISSUED FOR FINAL APPROVAL	2019.05.17	DS
6. REVISED AS PER ARCHITECTURAL CONTROL COMMENTS	2019.04.26	BB
5. REVISED FOR OPTIONAL ROUGH-IN BASEMENT WASHROOM	2019.04.25	BB
4. REVISED AS PER STRUCTURAL ENGINEER COMMENTS	2018.08.07	MM
3. COORDINATE AS PER ROOF TRUSS & FLOOR MANUFACTURE PLANS	2019.04.29	BB
2. REVISED AS PER CLIENT'S COMMENTS (2018)	2018.10.19	DS
1. ISSUED FOR CLIENT REVIEW	2018.04.02	DS
REVISIONS		DATE (YYYYMMDD) BY



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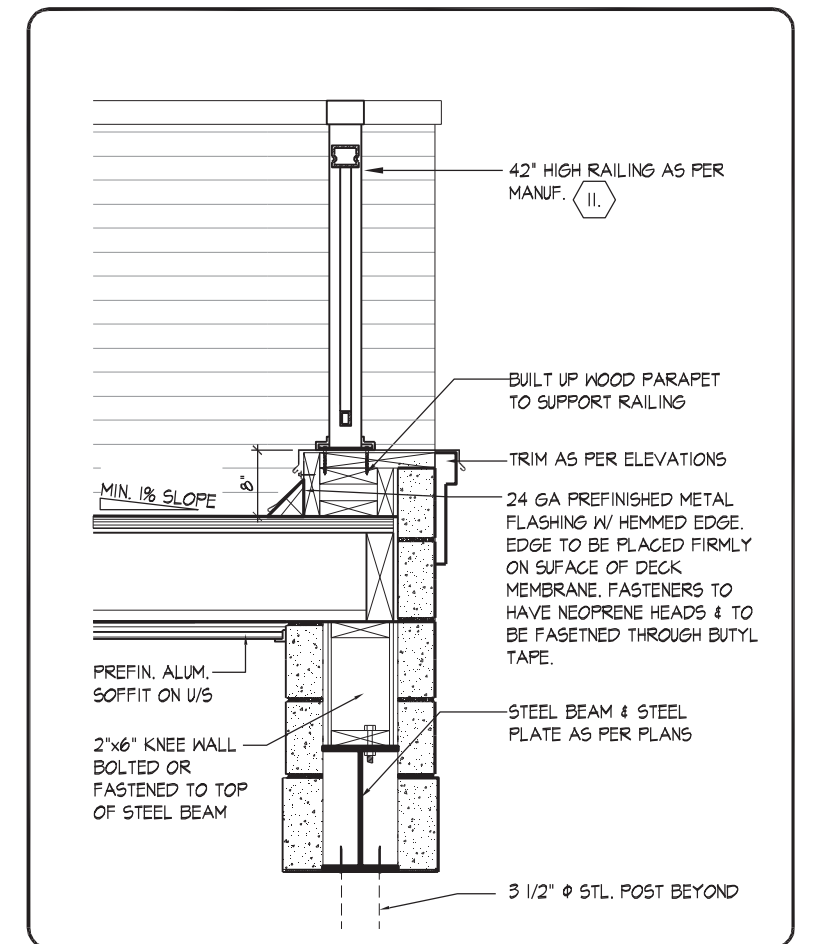
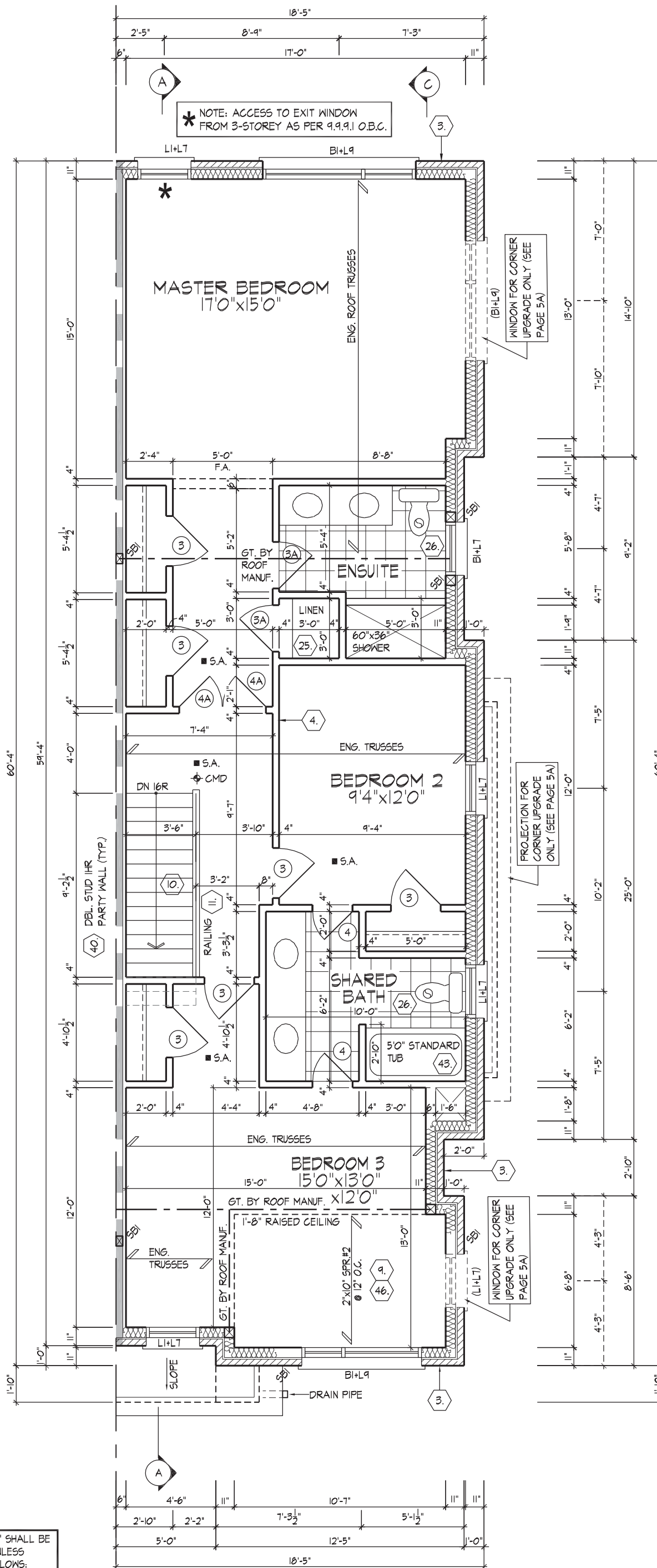
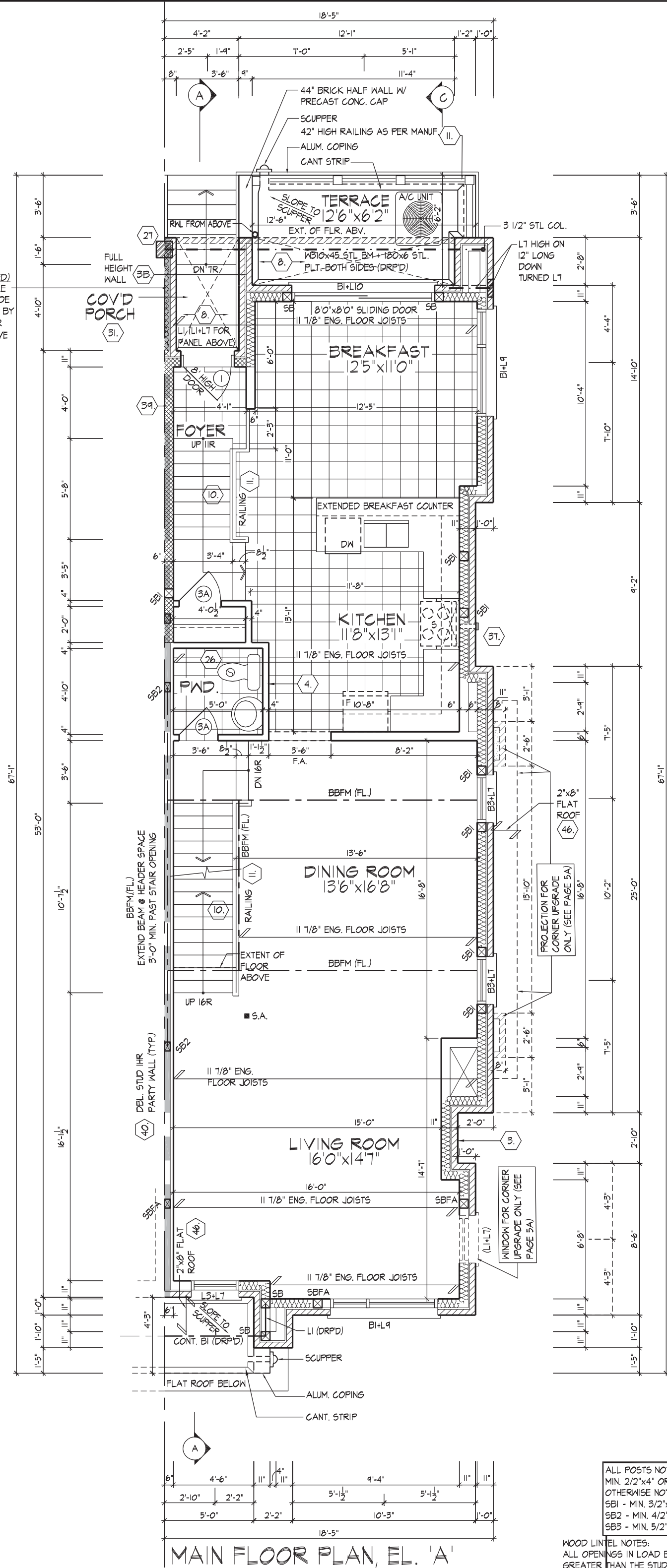
ALL POSTS NOTED AS "SB" SHALL BE
MIN. 2/2"x4" OR 2/2"x6", UNLESS
OTHERWISE NOTED AS FOLLOWS:
SB1 - MIN. 3/2"x4" OR 3/2"x6"
SB2 - MIN. 4/2"x4" OR 4/2"x6"
SB3 - MIN. 5/2"x4" OR 5/2"x6"

WOOD LINTEL NOTES:
ALL OPENINGS IN LOAD BEARING WALLS
GREATER THAN THE STUD SPACING SHALL HAVE
A SINGLE JACK AND KING POST ON EACH SIDE.
OPENINGS LARGER THAN 5'-6" SHALL HAVE A
MINIMUM OF TWO JACK POSTS AND ONE KING
POST ON EACH SIDE, UNLESS NOTED OTHERWISE.

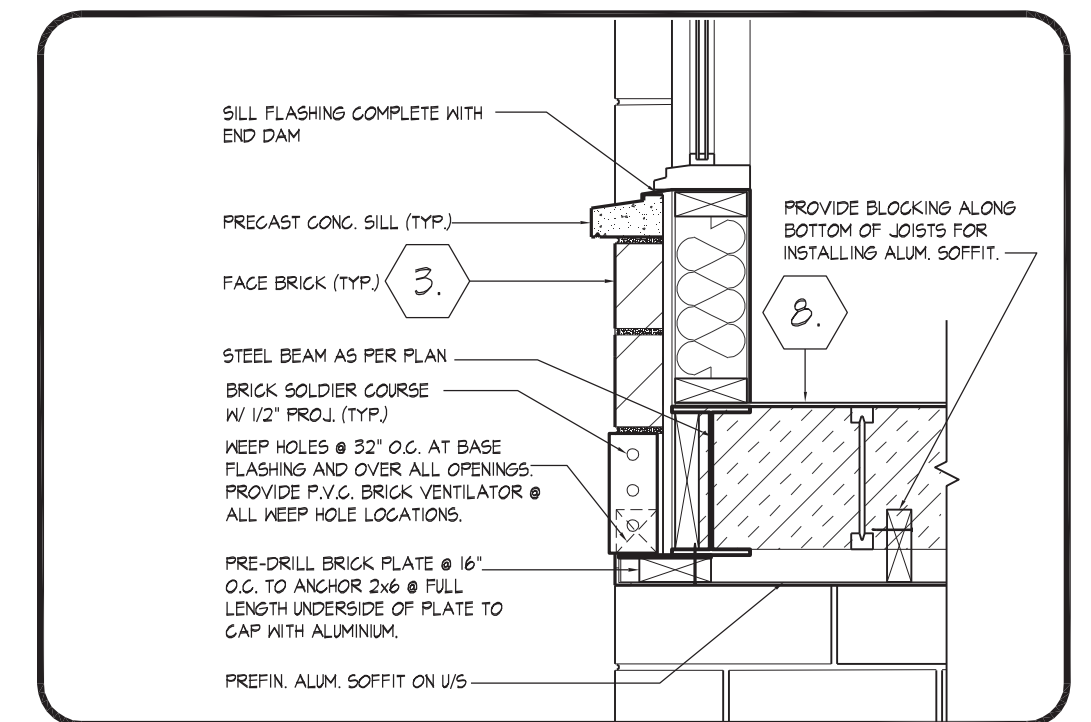
It is the builder's complete responsibility to
ensure that all plans submitted for approval
fully comply with the Architectural Guidelines
and all applicable regulations and requirements
including zoning provisions and any provisions
in the subdivision agreement. The Control
Architect is not responsible 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 City of
BRAMPTON.

JOHN G. WILLIAMS LTD., ARCHITECT
ARCHITECTURAL CONTROL REVIEW
AND APPROVAL
APPROVED BY: _____
DATE: MAY 23, 2019
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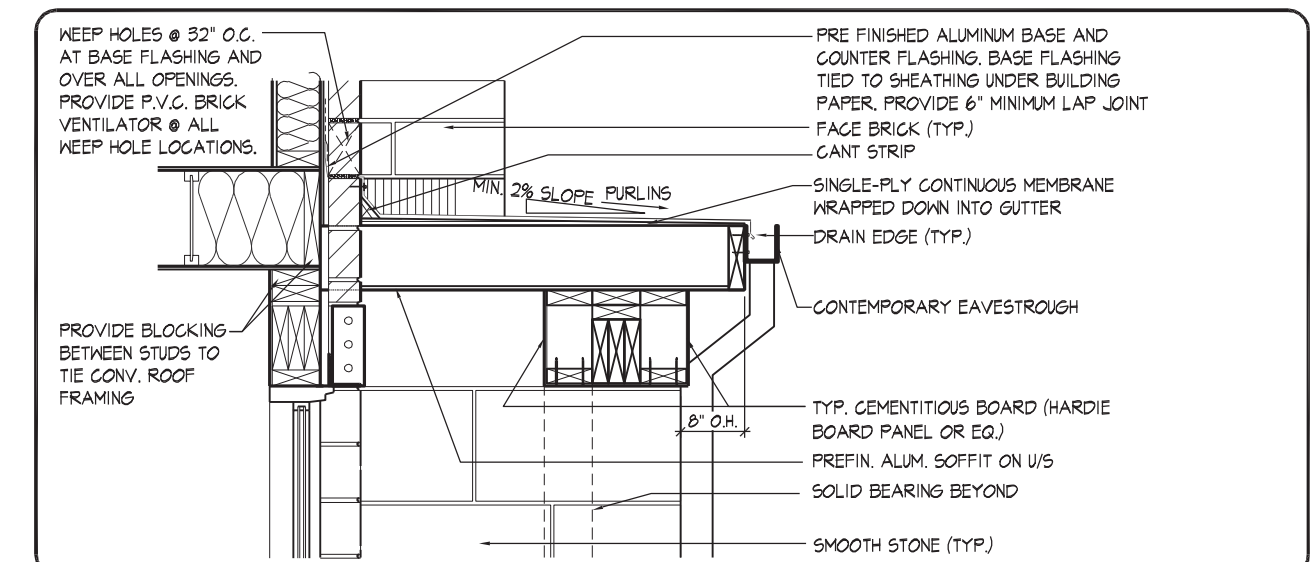
(1 HOUR F.R.R. ONLY REQUIRED)
CONFORMING TO SB-2 TABLE
2.1.1. & SECTION 2.1.2. PROVIDE
6" CONC. BLOCK ENCLOSED BY
BRICK VENEER (MIN. 1/2" AIR
SPACE) WITH NON-CORROSIVE
METAL TIES @ 16" O.C. VERT
AND 24" O.C. HORIZ.



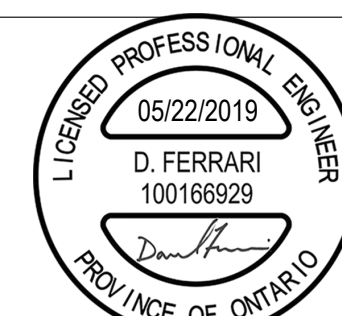
03 BALCONY @ REAR DETAIL
1/2" = 1'-0"



04 STEEL BEAM DETAIL @ TERRACE
3/4" = 1'-0"



07 FLAT ROOF @ FRONT - DINING / LIVING ROOM
1/2" = 1'-0"



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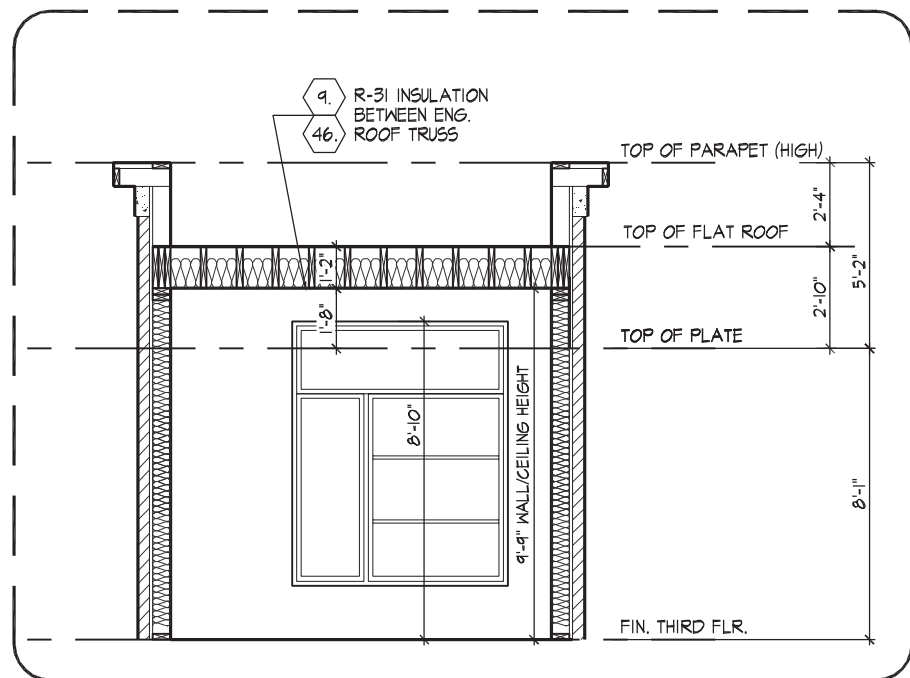
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DESIGN AND HAS THE QUALIFICATIONS AND MEETS THE REQUIREMENTS SET
OUT IN THE ONTARIO BUILDING CODE TO BE A DESIGNER.

QUAIFICATION INFORMATION
DEREK R. SANTOS 37308
NAME: DEREK R. SANTOS
REGISTRATION INFORMATION: BCIN
HUNT DESIGN ASSOCIATES INC. 19695

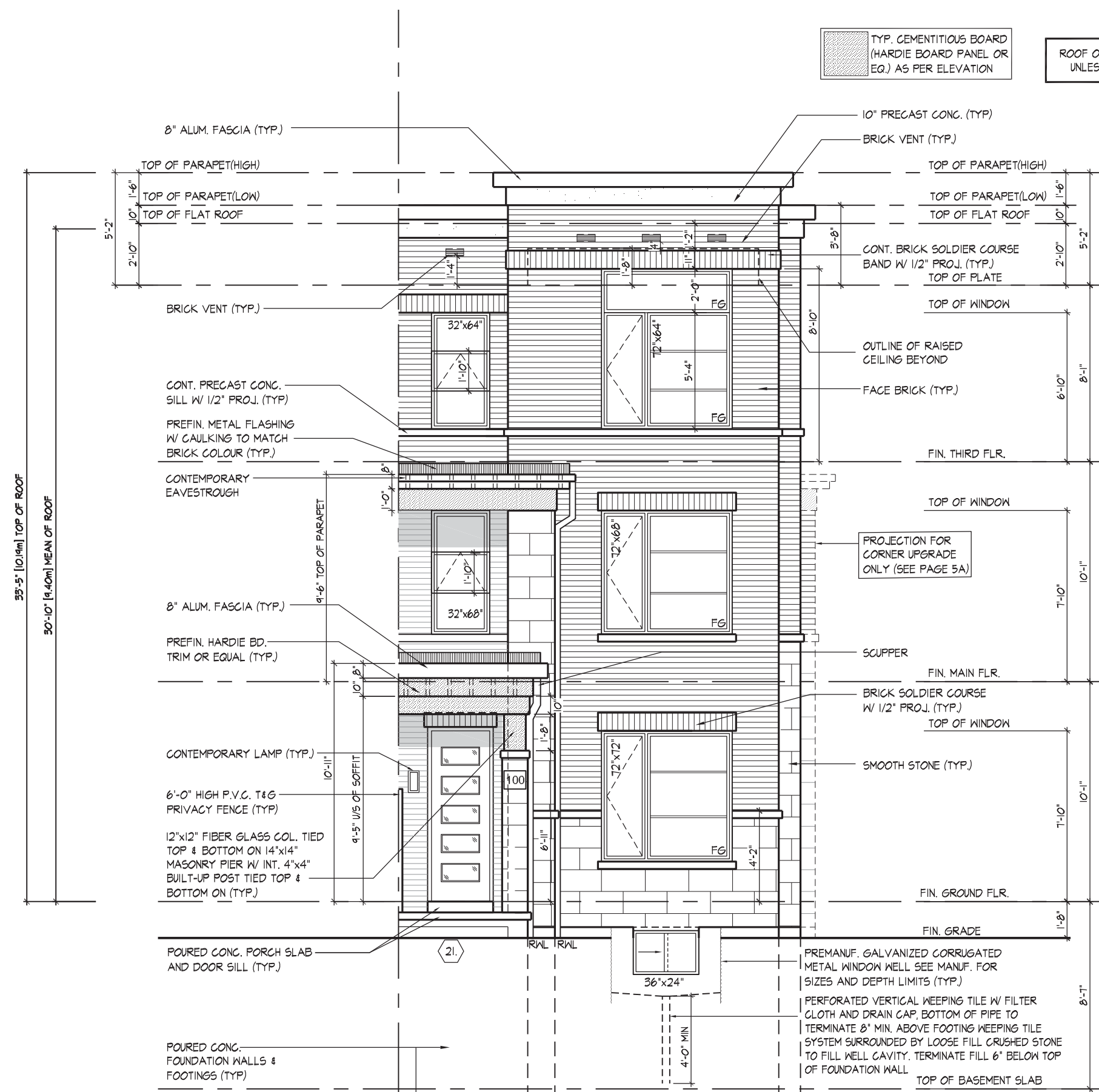
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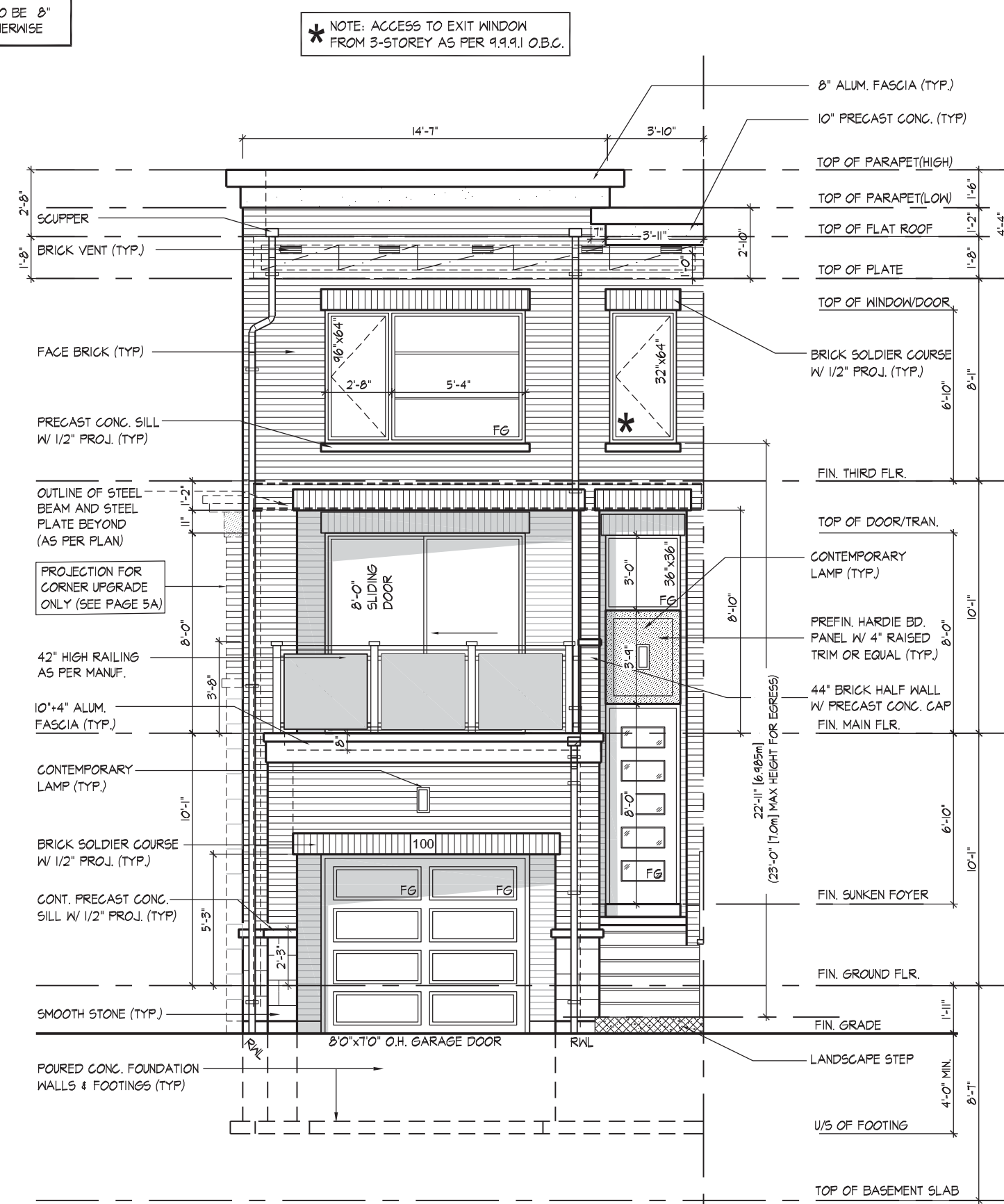
MAIN FLOOR PLAN, EL. 'A', THIRD FLOOR PLAN, EL. 'A' & DETAILS
ROYAL PINE HOMES-FORESTSIDE ESTATES PH2 'MOON FLOWER-1704'
'MANOR OF CLAIREVILLE', BRAMPTON, ONT. REV.2019.05.17
215044WS1704.DWG 3 of 9



FRAMING SECTION @ FRONT 3RD FLOOR WINDOW



FRONT ELEVATION 'A'



REAR ELEVATION 'A'

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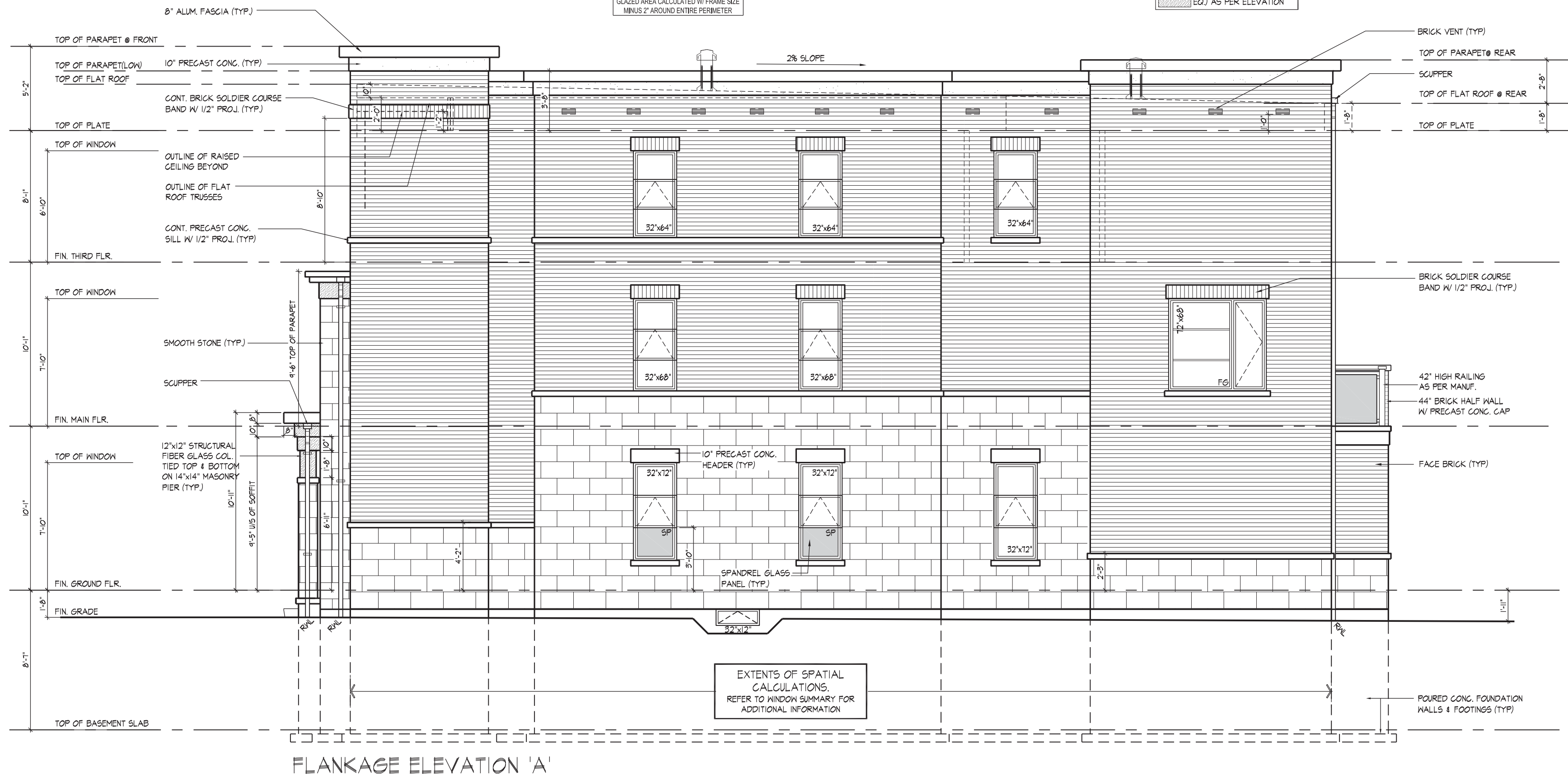
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DATE: MAY 21, 2019
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WINDOW SUMMARY			
PER O.B.C. TABLE 9.10.15.4			
FLANKAGE ELEVATION A			
QTY	WIDTH	DEPTH	WINDOW / DOOR FRAME SIZE (S.F.)
1	72"	66"	30.22
3	32"	64"	35.00
2	32"	68"	24.00
3	32"	72"	30.67
1	32"	12"	1.56
SPATIAL CALCULATION			
EXPOSING BUILDING	2014.00	S.F.	
FACE AREA	187.11	S.M.	
PORTION WALL AREA	2014.00	S.F.	
LIMITING DISTANCE	187.11	S.M.	
MAX. % OPENINGS	7.00	%	
OPENINGS ALLOWED	140.98	S.F.	
OPENINGS PROVIDED	133.33	S.F.	
ADDITIONAL NOTES			
GLAZED AREA CALCULATED W/ FRAME SIZE MINUS 2" AROUND ENTIRE PERIMETER			

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION.

ROOF OVERHANGS TO BE 8" UNLESS NOTED OTHERWISE

TYP. GEMENTITIOUS BOARD (HARDIE BOARD PANEL OR EQ.) AS PER ELEVATION



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ARCHITECTURAL CONTROL REVIEW
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QUALIFICATION INFORMATION
DEREK R. SANTOS 37308
NAME
REGISTRATION INFORMATION BCIN
HUNT DESIGN ASSOCIATES INC. 19695

HUNT
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FLANKAGE ELEVATION 'A'
ROYAL PINE HOMES-FORESTSIDE ESTATES PH2 MOON FLOWER-1704
"MANOR OF CLAIREVILLE", BRAMPTON, ONT. REV.2019.05.17

Drawn By: NS Checked By: DS Scale: 3/16"=1'-0" File Number: 215044WS1704.DWG Page Number: 5 of 9

8966 Woodbine Ave, Markham, ON L3R 0J7 T 905.737.5133 F 905.737.7326

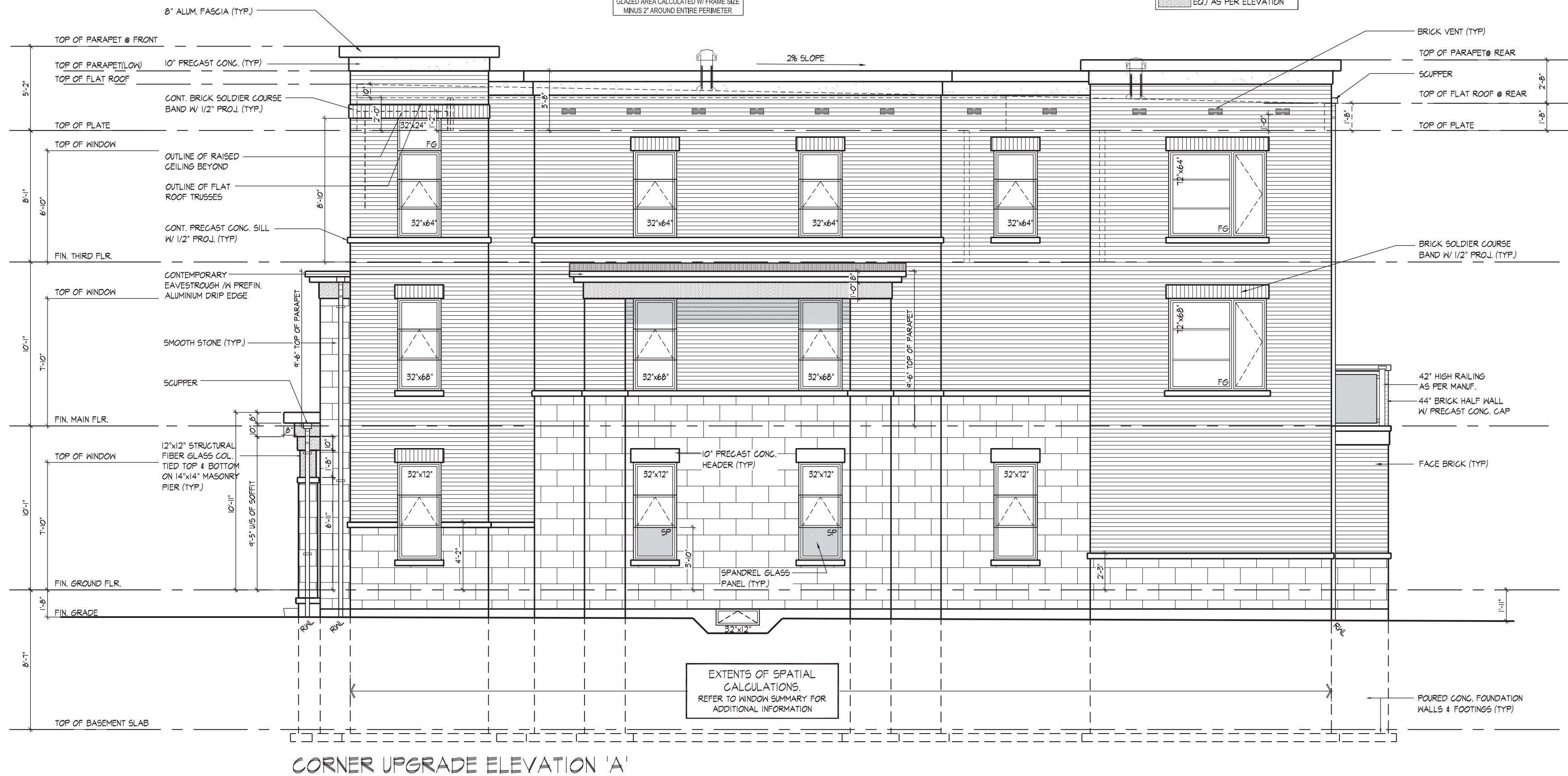
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WINDOW SUMMARY			
PER O.B.C. TABLE 9.10.15.4			
FLANKAGE ELEVATION A			
QTY	WIDTH	DEPTH	WINDOW / DOOR FRAME SIZE (S.F.)
1	72"	60"	30.22
4	32"	64"	46.67
3	32"	68"	37.33
2	32"	72"	29.44
1	32"	12"	1.56
1	32"	24"	3.89
2	32"	48"	17.11
1	72"	64"	29.33
0	0"	0"	0.00
SPATIAL CALCULATION			
EXPOSING BUILDING	2014.00	S.F.	
FACE AREA	187.11	S.M.	
PORTION WALL AREA	2014.00	S.F.	
LIMITING DISTANCE	187.11	S.M.	
MAX. % OPENINGS	10.00	%	
OPENINGS ALLOWED	201.40	S.F.	
OPENINGS PROVIDED	191.56	S.F.	
ADDITIONAL NOTES			
GLAZED AREA CALCULATED W/ FRAME SIZE MINUS 2" AROUND ENTIRE PERIMETER			

REFER TO FRONT ELEVATION FOR TYPICAL NOTES & INFORMATION.

ROOF OVERHANGS TO BE 8" UNLESS NOTED OTHERWISE

TYP. GEMENTITIOUS BOARD (HARDIE BOARD PANEL OR EQ.) AS PER ELEVATION



CORNER UPGRADE ELEVATION 'A'

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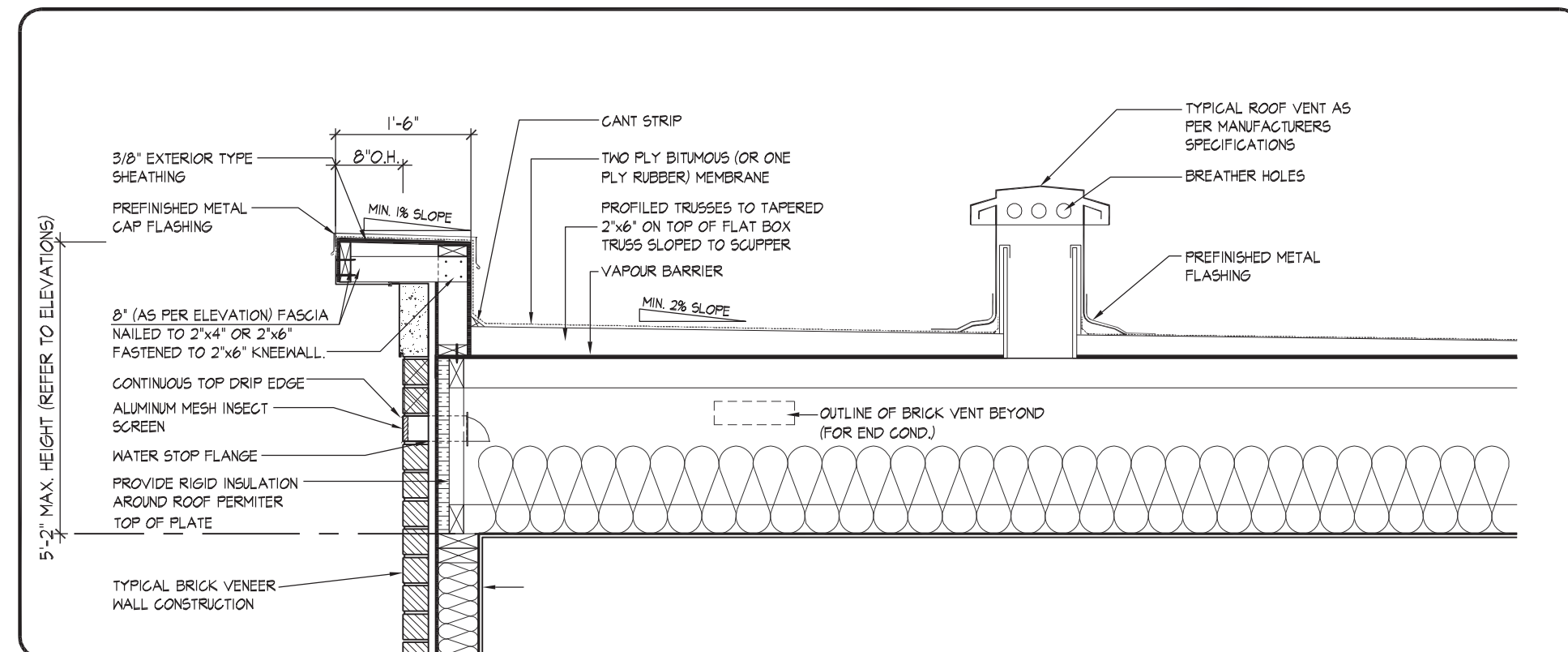
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CORNER UPGRADE ELEVATION 'A'
ROYAL PINE HOMES-FORESTSIDE ESTATES PH2 MOON FLOWER-1704
"MANOR OF CLAIREVILLE", BRAMPTON, ONT. REV.2019.05.17

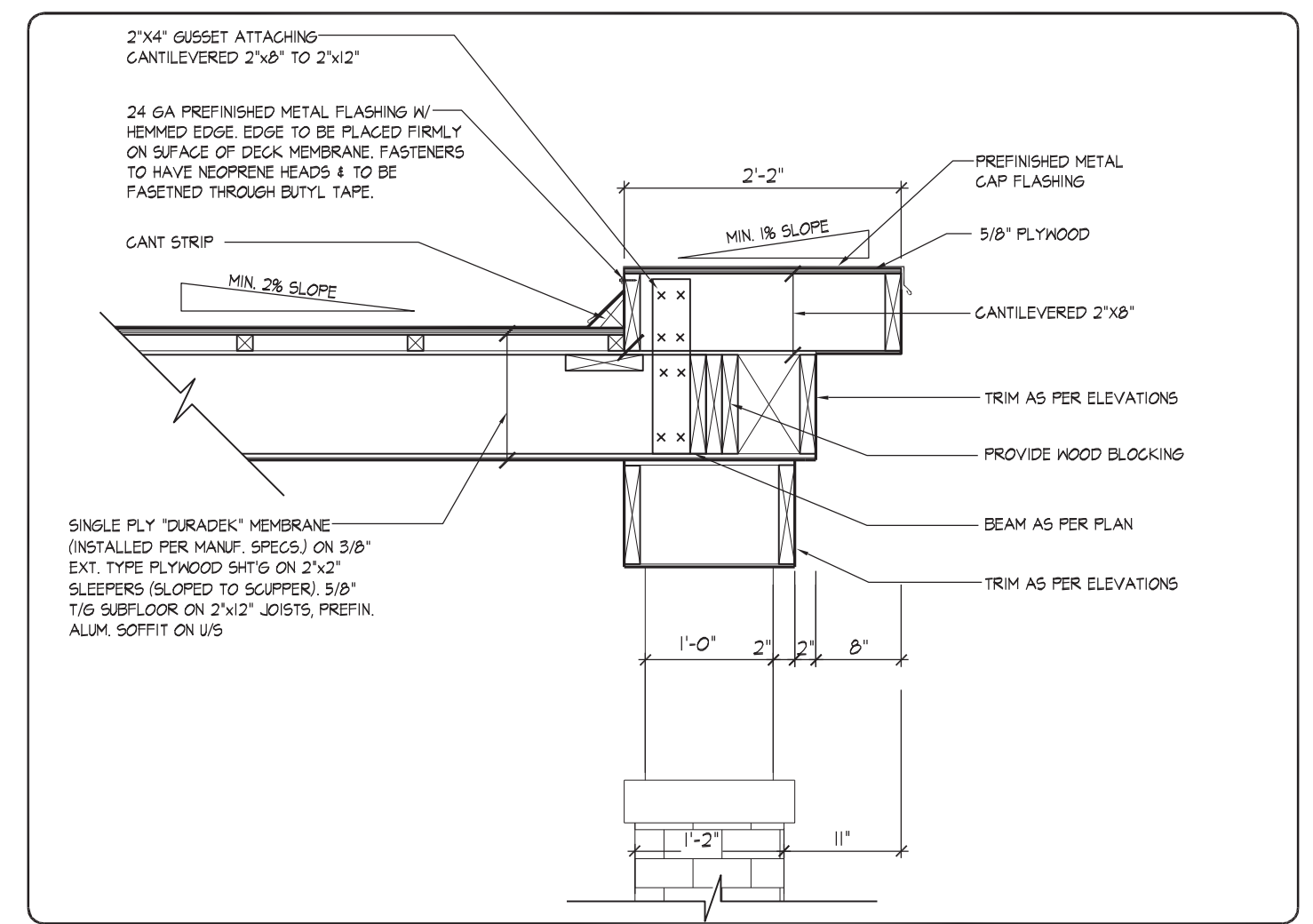
Drawn By: NS Checked By: DS Scale: 3/16"=1'-0" File Number: 215044WS1704.DWG Page Number: 6 of 9

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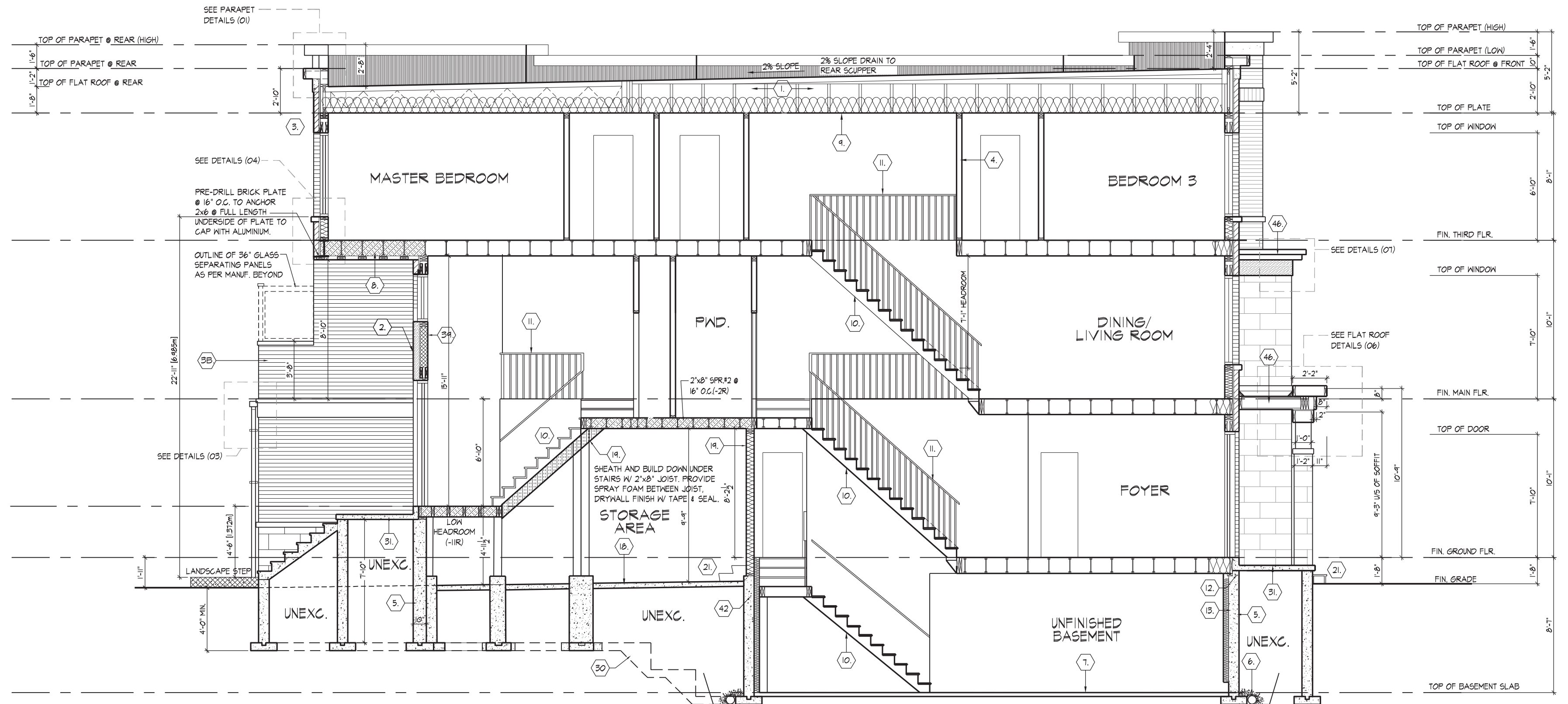
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01 TYPICAL VENTING @ PARAPET WALL
1/2\" = 1'-0"



06 FLAT ROOF DETAIL @ COVERED PORCH - (JOIST PERPENDICULAR TO HOUSE)
3/4\" = 1'-0"



CROSS SECTION 'A-A'

SECTION 1.0. CONSTRUCTION NOTES

- 1 ROOF CONSTRUCTION** (9.19, 9.23.1.3, 9.23.1.5)
NO. 210 (10.25 KG/M2) ASPHALT SHINGLES. 3/8" (9.5) PLYWOOD SHEATHING WITH #4 CLIPS. APPROVED WOOD TRUSSES @ 24" (610) O.C. MAX. APPROVED EAVES PROTECTION TO EDGE @ 1/2" (12.7) O.C. THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7/8" (20.0) VERTICAL AND 2'-11" (635) HORIZONTAL. FILL VOID WITH MORTAR BETWEEN WALL AND BRICK VENEER @ 1/4" (6.35) O.C. (9.15.2.7)(9) & 9.20.9.4)(9)
- 1A ICE AND WATER SHIELD**
PROVIDE ICE AND WATER SHIELD IN THE AREAS INDICATED. THE ICE AND WATER SHIELD SHALL BE A SELF-ADHERING AND SELF-SEALING MEMBRANE. SIDE LAPS MUST BE A MINIMUM 3' (914) (90) AND END LAPS A MINIMUM 6" (152) AND TO EXTEND UP DORMER WALLS A MINIMUM 12" (305).
- 1B PROFILED ROOF TRUSSES**
ROOF TRUSSES SHALL BE PROFILED AND/OR STEPPED AT RAISED COFFERTRAY CEILINGS. ANGLED TRAY CEILINGS WILL BE SHEATHED W/ 3/8" (9.5) PLYWOOD.
- 2 SIDING WALL CONSTRUCTION**
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS. FURNISH MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.1.1) (REFER TO 35 NOTE AS REQ.)
- 2A SIDING WALL CONSTRUCTION W/ CONTIN. INSULATION**
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FURNISH MEMBERS ON APPROVED AIR/VAPOUR BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED). MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INT. FIN. GYPSUM SHEATHING, RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.1.1) (REFER TO 35 NOTE AS REQ.)
- 2B SIDING WALL @ GARAGE CONSTRUCTION**
SIDING MATERIAL AS PER ELEVATION ATTACHED TO FRAMING MEMBERS. FURNISH MEMBERS OR BLOCKING BETWEEN THE FRAMING MEMBERS ON APPROVED SHEATHING PAPER ON 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION, APPROVED 6 MIL POLYETHYLENE AIR/VAPOUR BARRIER, ON 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. RIGID INSULATION, AND FIBERBOARD SHALL NOT BE USED FOR THE ATTACHMENT OF SIDING (9.23.16.3.1.1) (REFER TO 35 NOTE AS REQ.)
- 3 BRICK VENEER WALL CONSTRUCTION**
3 1/2" (90) BRICK VENEER (1" (25) AIR SPACE, 7/8"x7/8"x3/8" (22x180x76) GALV. METAL TIES @ 16" (406) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.23.2.3. ON APPROVED AIR/VAPOUR BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED). MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION AND 6 MIL POLYETHYLENE VAPOR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (152) BEHIND BUILDING PAPER (9.20.13.6) (REFER TO 35 NOTE AS REQUIRED)
- 3A BRICK VENEER WALL CONSTRUCTION W/ CONTIN. INSULATION**
3 1/2" (90) BRICK VENEER (1" (25) AIR SPACE, 7/8"x7/8"x3/8" (22x180x76) GALV. METAL TIES @ 16" (406) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.23.2.3. ON APPROVED AIR/VAPOUR BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED). MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION AND 6 MIL POLYETHYLENE VAPOR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP MIN. 6" (152) OVER RIGID INSULATION (9.20.13.6) (REFER TO 35 NOTE AS REQUIRED)
- 3B BRICK VENEER WALL @ GARAGE CONSTRUCTION**
3 1/2" (90) BRICK VENEER, MIN. 1" (25) AIR SPACE, 7/8"x7/8"x3/8" (22x180x76) GALV. METAL TIES @ 16" (406) O.C. HORIZ. 24" (600) O.C. VERT. BONDING AND FASTENING FOR TIES TO CONFORM WITH 9.23.2.3. ON APPROVED SHEATHING PAPER, 3/8" (9.5) EXTERIOR TYPE SHEATHING ON STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION AND 6 MIL POLYETHYLENE VAPOR BARRIER WITH APPROVED CONTIN. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INTERIOR FINISH. PROVIDE WEEP HOLES @ 32" (800) O.C. AT BOTTOM COURSE AND OVER OPENINGS. PROVIDE BASE FLASHING UP 1" (25) MIN. BEHIND BUILDING PAPER (9.20.13.6) (REFER TO 35 NOTE AS REQ.)
- 4 INTERIOR STUD PARTITIONS** (9.23.9.8, 9.23.10)
BEARING PARTITIONS SHALL BE A MINIMUM 2"x4" (38x89) @ 16" (406) O.C. FOR 2 STORY AND 1" (25) (305) O.C. FOR 3 STORY. NON-BEARING PARTITIONS 2"x4" (38x89) @ 24" (610) O.C. PROVIDE 1/2" (12.7) O.C. THICK. THE BRICK VENEER SHALL BE TIED TO THE FOUNDATION WALL WITH CORROSION RESISTANT METAL TIES @ 7/8" (20.0) VERTICAL AND 2'-11" (635) HORIZONTAL. FILL VOID WITH MORTAR BETWEEN WALL AND BRICK VENEER @ 1/4" (6.35) O.C. (9.15.2.7)(9) & 9.20.9.4)(9)
- 4A EXT. LOFT WALL CONSTRUCTION - NO CLADDING**
3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION AND 6 MIL POLYETHYLENE VAPOR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23)
- 4B EXT. LOFT WALL CONSTRUCTION - NO CLADDING W/ CONTINUOUS INSULATION**
APPROVED AIR/VAPOUR BARRIER AS PER O.B.C. 9.27.3. ON EXTERIOR TYPE RIGID INSULATION (JOINTS UNTAPED). MECHANICALLY FASTENED AS PER MANUFACTURERS SPECIFICATIONS, ON 3/8" (9.5) EXTERIOR TYPE SHEATHING, STUDS CONFORMING TO O.B.C. (9.23.10.1) & SECTION 1.1. INSULATION AND 6 MIL POLYETHYLENE VAPOR BARRIER WITH APPROVED CONT. AIR BARRIER. 1/2" (12.7) GYPSUM WALLBOARD INT. FINISH. (9.23)
- 5 FOUNDATION WALL/FOOTINGS**
POURED CONC. FOUNDATION WALL AS PER CHART BELOW ON CONTINUOUS KEYED CONCRETE FOOTING. FOUNDATION WALLS SHALL EXTEND NOT LESS THAN 6" (150) ABOVE FINISHED GRADE. THE OUTSIDE OF THE FOUNDATION SHALL BE DAMPROOFED FROM THE TOP OF THE FOOTING TO FINISHED GRADE AND BRUSH COAT FROM THE TOP TO 2' BELOW GRADE. PROVIDE A DRAINAGE LAYER ON THE OUTSIDE OF THE FOUNDATION WALL. SEAL THE DRAINAGE LAYER AT THE TOP. THE TOP OF THE CONC. FOOTING SHALL BE DAMPROOFED. CONCRETE FOOTINGS SUPPORTING JOIST SPANS GREATER THAN 16'-1" (4880) SHALL BE SIZED IN ACCORDANCE WITH 9.15.3.4.1 (1) (2) OF THE O.B.C. (REFER TO CHART BELOW FOR RESPECTIVE SIZE). BASE FOUNDATION WALL PRIOR TO BACKFILLING. ALL FOOTINGS SHALL REST ON NATURAL UNDISTURBED SOIL OF 75kPa OR COMPACTED ENGINEERED FILL WITH MIN. BEARING CAPACITY OF 150kPa. IF SOIL BEARING DOES NOT MEET MINIMUM CAPACITY, ENGINEERED FOOTINGS ARE REQUIRED. ACTUAL SOIL BEARING CAPACITY TO BE VERIFIED WITH SOIL ENGINEERING REPORT.
- REFER TO CONSTRUCTION DRAWINGS AND DETAILS FOR FOUNDATION WALL STRENGTH AND THICKNESS AND 9.15.4.
- FOUNDATION WALLS SHALL NOT EXCEED 9'-10" (3.0m) IN UNSUPPORTED HEIGHT UNLESS OTHERWISE NOTED. [9.15.4.2.1.1]
- UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.1)
- | MAX. HEIGHT FROM FIN. SLAB TO GRADE | UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.1) | |
|-------------------------------------|---|---|
| | UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.1) | UNREINFORCED SOLID CONCRETE FOUNDATION WALLS (9.15.4.2.1) |
| UP TO TOP | 2'-5m | 2'-5m & 2'-7.5m & 3'-0.3m |
| 8" 3'-11" (1.20m) | 7'-6" (2.15m) | 7'-6" (2.15m) |
| 10" 4'-7" (1.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 12" 4'-11" (1.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 14" 5'-3" (1.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 16" 5'-7" (1.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 18" 6'-1" (1.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 20" 6'-5" (1.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 22" 6'-9" (2.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 24" 7'-1" (2.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 26" 7'-5" (2.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 28" 7'-9" (2.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 30" 8'-1" (2.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 32" 8'-5" (2.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 34" 8'-9" (2.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 36" 9'-1" (2.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 38" 9'-5" (2.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 40" 9'-9" (2.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 42" 10'-1" (3.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 44" 10'-5" (3.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 46" 10'-9" (3.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 48" 11'-1" (3.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 50" 11'-5" (3.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 52" 11'-9" (3.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 54" 12'-1" (3.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 56" 12'-5" (3.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 58" 12'-9" (3.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 60" 13'-1" (3.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 62" 13'-5" (4.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 64" 13'-9" (4.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 66" 14'-1" (4.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 68" 14'-5" (4.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 70" 14'-9" (4.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 72" 15'-1" (4.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 74" 15'-5" (4.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 76" 15'-9" (4.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 78" 16'-1" (4.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 80" 16'-5" (4.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 82" 16'-9" (5.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 84" 17'-1" (5.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 86" 17'-5" (5.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 88" 17'-9" (5.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 90" 18'-1" (5.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 92" 18'-5" (5.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 94" 18'-9" (5.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 96" 19'-1" (5.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 98" 19'-5" (5.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 100" 19'-9" (5.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 102" 20'-1" (6.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 104" 20'-5" (6.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 106" 20'-9" (6.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 108" 21'-1" (6.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 110" 21'-5" (6.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 112" 21'-9" (6.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 114" 22'-1" (6.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 116" 22'-5" (6.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 118" 22'-9" (6.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 120" 23'-1" (6.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 122" 23'-5" (7.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 124" 23'-9" (7.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 126" 24'-1" (7.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 128" 24'-5" (7.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 130" 24'-9" (7.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 132" 25'-1" (7.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 134" 25'-5" (7.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 136" 25'-9" (7.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 138" 26'-1" (7.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 140" 26'-5" (7.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 142" 26'-9" (8.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 144" 27'-1" (8.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 146" 27'-5" (8.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 148" 27'-9" (8.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 150" 28'-1" (8.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 152" 28'-5" (8.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 154" 28'-9" (8.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 156" 29'-1" (8.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 158" 29'-5" (8.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 160" 29'-9" (8.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 162" 30'-1" (9.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 164" 30'-5" (9.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 166" 30'-9" (9.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 168" 31'-1" (9.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 170" 31'-5" (9.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 172" 31'-9" (9.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 174" 32'-1" (9.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 176" 32'-5" (9.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 178" 32'-9" (9.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 180" 33'-1" (9.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 182" 33'-5" (10.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 184" 33'-9" (10.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 186" 34'-1" (10.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 188" 34'-5" (10.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 190" 34'-9" (10.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 192" 35'-1" (10.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 194" 35'-5" (10.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 196" 35'-9" (10.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 198" 36'-1" (10.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 200" 36'-5" (10.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 202" 36'-9" (11.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 204" 37'-1" (11.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 206" 37'-5" (11.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 208" 37'-9" (11.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 210" 38'-1" (11.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 212" 38'-5" (11.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 214" 38'-9" (11.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 216" 39'-1" (11.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 218" 39'-5" (11.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 220" 39'-9" (11.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 222" 40'-1" (12.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 224" 40'-5" (12.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 226" 40'-9" (12.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 228" 41'-1" (12.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 230" 41'-5" (12.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 232" 41'-9" (12.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 234" 42'-1" (12.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 236" 42'-5" (12.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 238" 42'-9" (12.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 240" 43'-1" (12.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 242" 43'-5" (13.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 244" 43'-9" (13.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 246" 44'-1" (13.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 248" 44'-5" (13.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 250" 44'-9" (13.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 252" 45'-1" (13.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 254" 45'-5" (13.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 256" 45'-9" (13.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 258" 46'-1" (13.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 260" 46'-5" (13.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 262" 46'-9" (14.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 264" 47'-1" (14.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 266" 47'-5" (14.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 268" 47'-9" (14.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 270" 48'-1" (14.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 272" 48'-5" (14.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 274" 48'-9" (14.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 276" 49'-1" (14.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 278" 49'-5" (14.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 280" 49'-9" (14.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 282" 50'-1" (15.00m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 284" 50'-5" (15.10m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 286" 50'-9" (15.20m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 288" 51'-1" (15.30m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 290" 51'-5" (15.40m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 292" 51'-9" (15.50m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 294" 52'-1" (15.60m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 296" 52'-5" (15.70m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 298" 52'-9" (15.80m) | 7'-6" (2.30m) | 8'-6" (2.60m) |
| 300" 53'-1" (15.90m) | 7'-6" (2.30m) | 8'-6" (2.60m) |