

GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

DO NOT SCALE DRAWINGS.
DRAWINGS ARE TO BE READ IN CONJUNCTION WITH
ALL OTHER APPLICABLE CONSULTANT DRAWINGS
CONTRACTOR IS TO CONFIRM AND COORDINATE ALL
DETAILS WITH SITE CONDITIONS AND OTHER
CONSULTANT DRAWINGS PRIOR TO STARTING
CONSTRUCTION.
JOHN TRINH & ASSOCIATES INC. ASSUMES NO
RESPONSIBILITY, IMPLIED OR DIRECT UNLESS THE
DRAWINGS BEAR THE SEAL AND SIGNATURE OF A
REGISTERED PROFESSIONAL.

NO.	DATE(D/M/Y)	DETAIL	BY
01.	12/09/23	DP PLANS	K.C.
02.	06/12/23	REVISIONS	AD.
03.	13/05/24	BP PLANS	S.P.
04.	--	--	--
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ASSOCIATES INC. AND WERE CREATED FOR USE IN
A SPECIFIED PROJECT.

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USED BY, OR DISCLOSED TO, ANY OTHER PERSON
OR ORGANIZATION FOR ANY PURPOSE WITHOUT
THE WRITTEN PERMISSION.

ALL WORK MUST COMPLY WITH THE MOST RECENT
EDITION OF THE NATIONAL BUILDING CODE (AE)
AND ANY OTHER GOVERNING AUTHORITIES.

ALL FRAMING, ELECTRICAL ROUGH-IN AND
PLUMBING ROUGH-IN NEEDS TO BE CONFIRMED BY
TRADES/CONTRACTOR AND HOME OWNER. ANY
ISSUE NEEDS TO BE NOTIFIED TO THE DESIGNER
TO BE RESOLVED BEFORE PROCEEDING

FLOOR AREAS:	
MAIN FLOOR AREA:	-- SQ.FT.
UPPER FLOOR AREA:	-- SQ.FT.
LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Cover Page

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:09 PM

SCALE:

PAGE:

LIST OF DRAWINGS	
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A-1.1	Basement Plan
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A-1.4	Roof Plan
A-2.0	Front & Right Elevation
A-2.1	Rear & Left Elevation
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A-3.0	Garage Plans and Details
A-3.1	Garage Elevations & Section

LIST OF DRAWINGS	
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A-4.1	Section 2 & 3
A-5.0	Above Ground & Roof Detail
A-5.1	Foundation Detail
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A-5.3	Tall Wall Detail 2
A-5.4	Party Wall Details
A-5.5	Air Barrier, Window, Jamb & HRV Details
E-1.0	Basement electrical
E-1.1	Main Electrical
E-1.2	Upper Electrical

MAIN DWELLING
BUILDING CODE:
THE APPLICABLE CODE FOR THE BUILDING IS
THE NBC 2023 AE
OCCUPANCY CLASSIFICATION:
GROUP C (RESIDENTIAL OCCUPANCY)
BUILDING CLASSIFICATION:
THE BUILDING CONFORMS WITH THE
REQUIREMENTS OF PART 9 DIVISION B OF THE
NBC 2023 AE (1.3.3.5.)
3 STOREYS OR LESS IN BUILDING HEIGHT
BUILDING AREA NOT EXCEEDING 600 SQUARE
METRE
USED FOR MAJOR OCCUPANCY CLASSIFIED AS
GROUP C

GARAGE
BUILDING CODE:
THE APPLICABLE CODE FOR THE BUILDING IS
THE NBC 2023 AE
OCCUPANCY CLASSIFICATION:
GROUP F (DIVISION 3 STORAGE GARAGES)
BUILDING CLASSIFICATION:
THE BUILDING CONFORMS WITH THE
REQUIREMENTS OF PART 9 DIVISION B OF THE
NBC 2023 AE (1.3.2.50)
STORAGE GARAGES UP TO 22m HIGH

FLOOR AREA - UNIT #1	
BASEMENT	= 651.88 SQ. FT.
MAIN	= 651.88 SQ. FT.
UPPER	= 682.24 SQ. FT.
TOTAL	= 1344.12 SQ. FT.

FLOOR AREA - UNIT #2	
BASEMENT	= 644.79 SQ. FT.
MAIN	= 644.79 SQ. FT.
UPPER	= 677.99 SQ. FT.
TOTAL	= 1322.78 SQ. FT.

FLOOR AREA - UNIT #3	
BASEMENT	= 644.79 SQ. FT.
MAIN	= 644.79 SQ. FT.
UPPER	= 677.99 SQ. FT.
TOTAL	= 1322.78 SQ. FT.

FLOOR AREA - UNIT #4	
BASEMENT	= 666.21 SQ. FT.
MAIN	= 666.21 SQ. FT.
UPPER	= 693.04 SQ. FT.
TOTAL	= 1359.25 SQ. FT.

GENERAL NOTES:

1. ALL DIMENSIONS SHOULD BE CONFIRMED ON SITE. ANY CHANGES OR DICREPANCIYS SHOULD BE REPORTED TO CONTRACTOR AND DESIGNER PRIOR TO FRAMING.
2. ALL DIMENSIONS ARE FROM FACE OF STUD TO FACE OF STUD UNLESS NOTED AS BEING A CLEAR DIMENSION. CLEAR DIMENSIONS ARE FROM FINISH SURFACE TO FINISH SURFACE.
3. CONFIRM ALL ROUGH OPENING REQUIREMENTS FOR PLUMBING FIXTURES WITH SUPPLIERS PRIOR TO FRAMING.
4. CONFIRM ALL ROUGH OPENING REQUIREMENTS FOR WINDOWS AND DOORS WITH SUPPLIERS PRIOR TO FRAMING.
5. ENSURE THAT ALL ADJACENT GYPSUM BOARD SURFACES ARE FLUSH. ALL EXPOSED GYPSUM BOARD SURFACES ARE TO BE TAPED AND SANDED.
6. CONFIRM ALL FLOOR AND ROOF JOIST SIZE, LOCATIONS AND SPACING WITH THE APPROVED SUPPLIERS LAYOUTS.
7. UNLESS OTHERWISE NOTED, ALL INTERIOR DOORS TO HAVE A MINIMUM 3" RETURN.

SPRAY FOAM NOTES: **CCMCF 1414L-4**

- 2LBS SPRAY FOAM INSULATION TO BE USED OF RIM JOISTS
- FRAME TOP OF MAIN FLOOR WINDOWS TO MATCH HEIGHT OF EXT DOOR AND TRANSOM UNLESS NOTED
- ALL SIDEYARD CANTILEVERS MUST BE DRYWALLED W/ 5/8 DRYWALL & NON VENTING SOFFIT ON UNDERSIDE.
- NAILING PATTERN TO BE 6" OC ON PERIMETER AND 8" OC IN THE FIELD-GALVANISED NAILS TO BE USED

LONGBOARD APPLICATION

A LONGBOARD IS AN ALUMINUM SIDING MATERIAL, TEXTURE OF WOOD GRAIN STYLE WITH LENGTH UP TO 24 FEET MANUFACTURES IN DIFFERENT PROFILE SHOWN BELOW. THE LONGBOARD IS NORMALLY USE FOR THE RESIDENTIAL HOUSE BUILDING AS A CLADDING ON WALLS OF PART 9 AND PART 5 APPLICATION OF THE NBC 2023 AE.

THE LONGBOARD SHALL SATISFY NATIONAL BUILDING CODE (AE) 2023 PART 5 REQUIREMENT. THE OWNER/CONTRACTOR SHALL ENSURE PROVIDING 'MAYNE COATING PRODUCT LONGBOARD' OR APPROVED EQUIVALENT, SHALL BE INSTALLED AS PER THE MANUFACTURERS INSTRUCTIONS AND SHALL MATCH WITH PART 5 OF THE LATEST NATIONAL BUILDING CODE (AE) .

EXTERIOR FINISHES:

- | | |
|--------------------------------------|---|
| 1 ASPHALT SHINGLES | 5 SMART BOARD & BATTEN - BLACK/ DARK GREY |
| 2 8" ALUMINUM FASCIA | 6 BRICK CLADDING - RED AS SPEC'D |
| 3 WOOD SOFFIT - WOOD GRAIN AS SPEC'D | 7 PRECAST CONCRETE |
| 4 HARDIE BOARD SIDING - BLACK | 8 CONCRETE PARGING |

INTERIOR WALL ASSEMBLIES:

(NOTE: ALL INTERIOR WALLS TO HAVE PRESSURE TREATED BOTTOM PLATES)

- P1** INTERIOR FINISH
1/2" STANDARD GYPSUM BOARD
2X4 STUDS @ 24" O.C.
1/2" STANDARD GYPSUM BOARD
(A 1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)
- P2** INTERIOR FINISH
1/2" STANDARD GYPSUM BOARD
2X6 STUDS @ 24" O.C.
1/2" STANDARD GYPSUM BOARD
(A 1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)
- P3** INTERIOR FINISH
REFER TO W13a (STC 57);
TABLE A.9.10.3.1A; NBC (AE) 2023
5/8" TYPE X GYPSUM BOARD
(TAPED & SANDED)
2X4 STUDS @ 24" O.C. (SEE ENG. DETAILS FOR STUD SIZE AT TALL WALLS)
1" AIR SPACE
MIN. R12 BATT INSULATION
5/8" TYPE X GYPSUM BOARD
(TAPED & SANDED)
2X4 STUDS @ 24" O.C. (SEE ENG. DETAILS FOR STUD SIZE AT TALL WALLS)
5/8" TYPE X GYPSUM BOARD
(TAPED & SANDED)
(A 1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)

- P4** INTERIOR FINISH
1/2" STANDARD GYPSUM BOARD
(TAPED & SANDED)
R12 FIBERGLASS BATT INSULATION
2X4 STUDS @24" O.C.
1" AIR SPACE
8" SITECAST TYPE S MONOLITHIC CONCRETE WALL, REFER TO TABLE D-2.1.1; NBC (AE) 2023
1" AIR SPACE
2X4 STUDS @ 24" O.C.
R12 FIBERGLASS BATT INSULATION
1/2" STANDARD GYPSUM BOARD
(TAPED & SANDED FOR PAINTING (1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)
- P5** INTERIOR FINISH
1/2" STANDARD GYPSUM BOARD
(TAPED & SANDED)
R20 FIBERGLASS BATT INSULATION
2X6 STUDS @24" O.C.
AIR SPACE
8" SITECAST TYPE S MONOLITHIC CONCRETE WALL, REFER TO TABLE D-2.1.1; NBC (AE) 2023
1" AIR SPACE
2X6 STUDS @ 24" O.C.
R20 FIBERGLASS BATT INSULATION
1/2" STANDARD GYPSUM BOARD
(TAPED & SANDED FOR PAINTING (1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)

EXTERIOR WALL ASSEMBLIES:

(NOTE: FIRE RATED EXTERIOR SHEATHING PRODUCT TO BE INSTALLED ON ALL EXTERIOR WALLS DURING CONSTRUCTION AS PER NBC (AE) 2023)

- E1** HARDIE OR EQUIVALENT (AS PER ELEV. DRAWING) AS PER MANUFACTURERS SPECS.
2-PLY BUILDING PAPER
3/8" PLY OR OSB SHEATHING (FIRE RESISTANCE OSB AS REQD FOR AFC-5.4.1.2)
2X6 WOOD STUDS @ 24" O.C. (UNLESS OTHERWISE NOTED)
R-22 BATT INSULATION MIN.
6 MIL. (0.15mm) POLY VAPOUR BARRIER (WARM SIDE OF STUD)
1/2" CONTROLLED DENSITY GYPSUM BOARD TAPED, FILLED, & SANDED FOR PAINTING (1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)
- E2** SMOOTH PARGING ABOVE GRADE
WATER PROOFING/CAMP PROOFING BELOW GRADE, INCLUDING TOP OF FOOTING BOTH SIDES OF WALL
8" SITECAST CONC. ON DAMP PROOFING CAPILLARY BREAK IN FOOTING KEYWAY
AIR SPACE
2X6 STUDS @ 24" O.C.
R-20 FIBERGLASS BATT INSULATION
6 MIL. (0.15mm) POLY VAPOUR BARRIER (WARM SIDE OF STUD)
1/2" CONTROLLED DENSITY GYPSUM BOARD TAPED, FILLED, & SANDED FOR PAINTING (1/2" BLUE BOARD FACING TUB/SHOWER AS REQUIRED)

- E3** TALL WALL CONSTRUCTION
SEE TALL WALL DETAIL
- E4** SIMILAR TO "E1"
2X6 WOOD STUDS @ 16" O.C. (UNLESS OTHERWISE NOTED)
R-24 BATT INSULATION MIN.

TRUSS ASSEMBLIES:

- T1** 5/8" EXTERIOR GRADE TYPE X GYPSUM BOARD TAPED
ENGINEERED ROOF TRUSS (AS PER SUPPLIERS LAYOUT) PARALLEL TO PARTY WALL
5/8" EXTERIOR GRADE TYPE X GYPSUM BOARD TAPED
- T2** 5/8" EXTERIOR GRADE TYPE X GYPSUM BOARD TAPED
ENGINEERED ROOF TRUSS (AS PER SUPPLIERS LAYOUT) PARALLEL TO PARTY WALL
1" AIR SPACE
8" SITECAST TYPE S MONOLITHIC CONCRETE WALL, REFER TO TABLE D-2.1.1; NBC (AE) 2023
1" AIR SPACE
ENGINEERED ROOF TRUSS (AS PER SUPPLIERS LAYOUT) PARALLEL TO PARTY WALL
5/8" EXTERIOR GRADE TYPE X GYPSUM BOARD TAPED

ROOF ASSEMBLIES:

- R1** ASPHALT SHINGLES OR EQUIVALENT ROOFING FELT
3/8" PLYWOOD OR OSB SHEATHING C/W H-CLIPS
ENGINEERED ROOF TRUSSES (AS PER SUPPLIERS LAYOUT)
MIN. R50 LOOSE-FILL OR FIBERGLASS BATT INSULATION
6 MIL. (15mm) POLY VAPOUR BARRIER (CAN/CGSB)
1/2" CONTROLLED DENSITY GYPSUM BOARD TAPED, FILLED, & SANDED

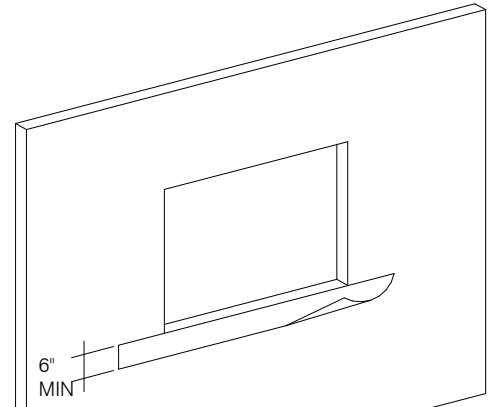
FLOOR ASSEMBLIES:

- F1** FINISHED FLOORING
MIN. 3/4" PLYWOOD OR OSB T&G SHEATHING (GLUED & SCREWED)
ENGINEERED FLOOR JOISTS (AS PER SUPPLIERS LAYOUT)
1/2" CONTROLLED DENSITY GYPSUM BOARD TAPED, FILLED & SANDED
INTERIOR FINISH
- F2** 3" CONC. SLAB
MIN. 6 MIL. VAPOUR BARRIER MUST BE BETWEEN POURED AND BASE
6" COMP. GRAVEL
- F3** REFER TO F&L (STC 48);
TABLE A.9.10.3.1-B NBC 2023 AE
FINISHED FLOORING
MIN. 3/4" PLYWOOD OR OSB T&G SHEATHING (GLUED & SCREWED)
ENGINEERED FLOOR JOISTS (AS PER SUPPLIERS LAYOUT)
MIN. R-26 BATT INSULATION
RESILIENT CHANNEL SPACED 400mm O.C.
1/2" CONTROLLED DENSITY GYPSUM BOARD TAPED, FILLED & SANDED
INTERIOR FINISH

FOOTING ASSEMBLIES:

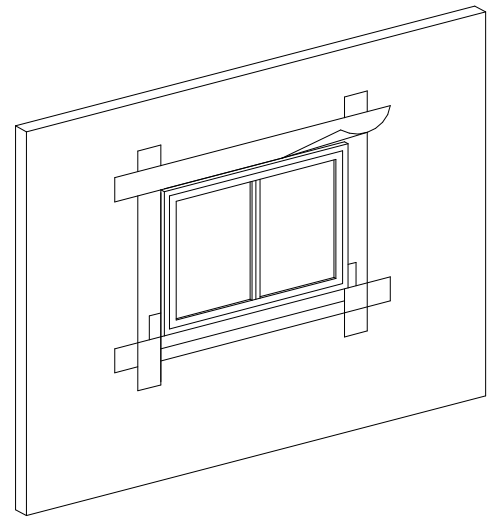
- F1** WALL 20"x8" THICK
CONCRETE STRIP FOOTING C/W 4-10M REBAR CONTINUOUS
- F2** WALL 30"x8" THICK
CONCRETE STRIP FOOTING C/W 4-10M REBAR CONTINUOUS
- F3** WALL 54"x12" THICK
CONCRETE STRIP FOOTING C/W REBAR AS PER STRUCT.

TYPICAL WINDOW INSTALLATION DETAILS

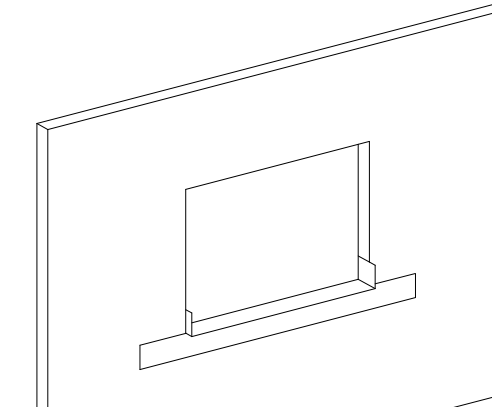


STEP 1
- INSTALL SILL FLASHING PAPER AT BOTTOM EDGE OF OPENING, STARTLE ALONG TOP EDGE 10mm FROM TOP OF PAPER

- LEAVE BOTTOM EDGE UNATTACHED FOR WATER RESISTANT BARRIER (SHEATHING PAPER) INSTALLATION TO GO UNDERNEATH FLASHING PAPER



NOTE: PRIOR TO INSTALLING WINDOWS, PLEASE ENSURE YOU APPLY PROPER STICK AND SEAL TO JAMB AS SHOWN



STEP 2
- INSTALL PEEL AND STICK OVER JAMB AND SILL FLASHING PAPER. EXTEND VERTICALLY 6"
- MAKE SURE PEEI AND STICK TO COVER SILL COMPLETELY

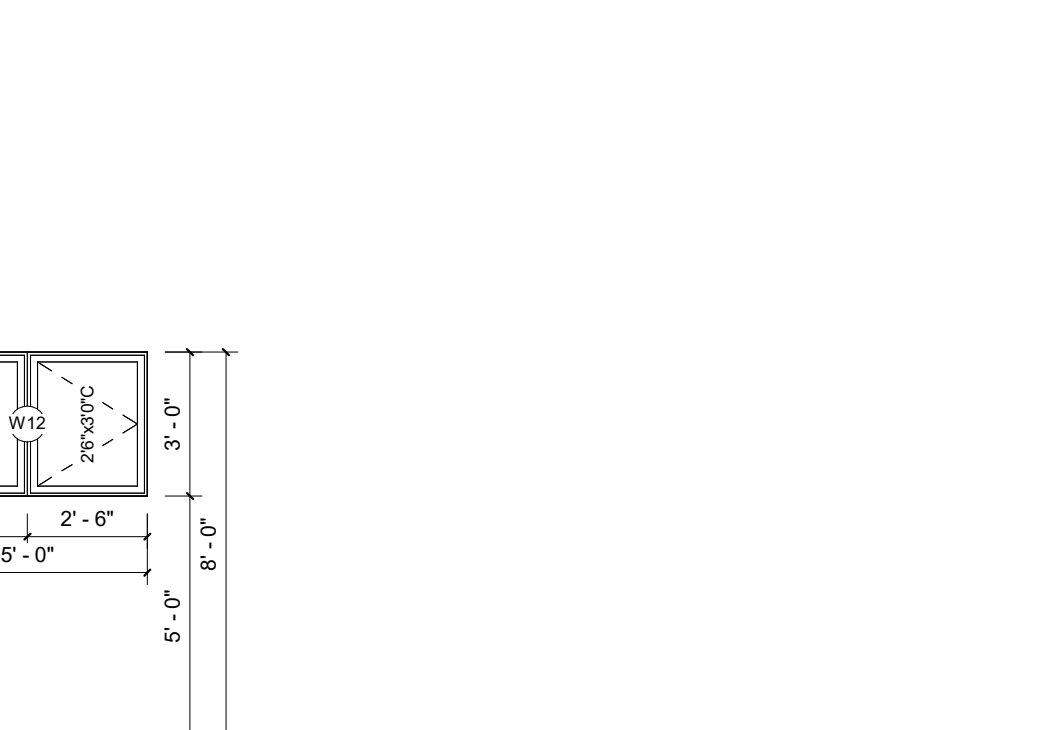
STEP 3
- CUT PEEI AND STICK MEMBRANE FOLD OVER SILL AND JAMB FLASHING PAPER AS SHOWN

- PLACE PEEI AND STICK PATCH ON CORNERS BETWEEN SILL AND JAMB

STEP 4
- INSTALL WINDOW AS PER MANUFACTURE

STEP 5
- INSTALL PEEL AND STICK OVER WINDOW FLANGE INSTALL PEEL AND STICK AT HEAD OF WINDOW LAST

INSTALL WINDOW HEAD FLASHING OVER THE WINDOW HEAD PEEL AND STICK FLASHING, AND PLACE THE WATER RESISTANT BARRIER (SHEATHING PAPER) OVER THE FLANGE OF THE METAL FLASHING



- STEP 6**
1. LAP WATER RESISTANT BARRIER (SHEATHING PAPER) VERTICALLY 6".
 2. LAP WATER RESISTANT BARRIER (SHEATHING PAPER) HORIZONTALLY 4"
 3. THIS SHEET OF WATER RESISTANT BARRIER (SHEATHING PAPER) TO SLIP UNDER SILL AND FLASHING PAPER, NOTCH WATER RESISTANT BARRIER TO FIT TIGHTLY AROUND WINDOW FRAME PROFILE
 4. TWO LAYERS OF WATER RESISTANT BARRIER (SHEATHING PAPER) STAGGERING JOINTS 12" MIN
 5. SLIP LOWER END OF JAMB FLASHING PAPER AND SILL FLASHING PAPER OVER WATER RESISTANT BARRIER AT THE WINDOW SILL

WINDOW SCHEDULE					
WINDOW#	WINDOW SIZE	ROUGH OPENING	TYPE	LOCATION	QTY
W1	1' 8" X 7' 0"	1' 9" X 7' 1"	---	LIVING / MASTER BEDROOM	8
W2	4' 0" X 7' 0"	4' 1" X 7' 1"	---	LIVING / MASTER BEDROOM	4
W3	9' 0" X 8' 0"	9' 1" X 8' 1"	---	LIVING	2
W4	2' 0" X 7' 0"	2' 1" X 7' 1"	---	FOYER / BEDROOM #2	2
W5	2' 0" X 3' 0"	2' 1" X 3' 1"	---	POWDER / STAIRS	2
W6	5' 0" X 4' 0"	5' 1" X 4' 1"	---	KITCHEN	4
W7	3' 0" X 8' 0"	3' 1" X 8' 1"	---	MASTER BEDROOM	2
W8	3' 0" X 8' 0"	3' 1" X 8' 1"	---	MASTER BEDROOM / BEDROOM #2	4
W9	3' 0" X 8' 0"	3' 1" X 8' 1"	---	BEDROOM #2	2
W10	2' 0" X 5' 6"	2' 1" X 5' 7"	---	BEDROOM #2 / BATH / STAIRS	5
W11	2' 0" X 3' 0"	2' 1" X 3' 1"	---	HALLWAY	4
W12	5' 0" X 3' 0"	5' 1" X 3' 1"	---	BEDROOM #3	4
W13	4' 0" X 3' 0"	4' 1" X 3' 1"	EGRESS	SEC. SUITE BEDROOM	2
W14	5' 0" X 3' 0"	5' 1" X 3' 1"	EGRESS	SEC. SUITE BEDROOM	2
W15	5' 0" X 3' 0"	5' 1" X 3' 1"	EGRESS	KITCHEN	4

DOOR SCHEDULE					
DOOR#	DOOR SIZE	ROUGH OPENING	TYPE	LOCATION	QTY
D1	3' 0" X 8' 0"	3' 1" X 8' 1"	---	FOYER	3
D2	3' 0" X 8' 0"	3' 1" X 8' 1"	---	FOYER	1
D3	2' 8" X 8' 0"	2' 9" X 8' 1"	---	STAIRS	1
D4	2' 8" X 8' 0"	2' 9" X 8' 1"	---	KITCHEN/STAIRS	7
D5	8' 0" X 8' 0"	8' 1" X 8' 1"	---	GARAGE	4
D6	3' 0" X 7' 0"	3' 1" X 7' 1"	---	GARAGE	6

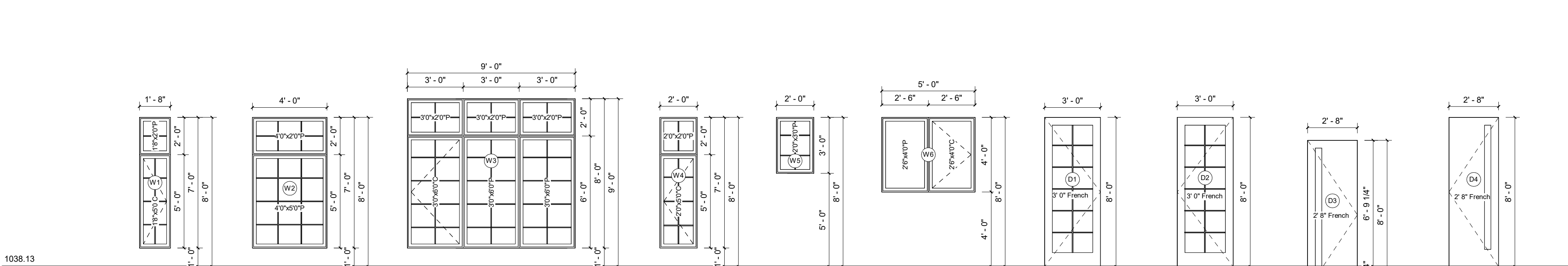
CONTRACTOR, FRAMER AND WINDOW
MANUFACTURER TO CONFIRM SIZES BEFORE
ORDER AND INSTALL

GENERAL NOTES:

1. DIMENSIONS INDICATED ON SCHEDULE ARE FOR PRICING AND REFERENCE PURPOSE ONLY. SUPPLIER TO SUBMIT SHOP DRAWINGS FOR CONTRACTOR REVIEW PRIOR TO EXECUTING THE WORK. SHOP DRAWINGS TO CONFIRM ALL REQUIRED ROUGH OPENINGS FOR FRAMING.
2. SUPPLIER TO CONFIRM THAT BEDROOM WINDOWS MEET EGRESS REQUIREMENTS.
3. ALL OPERABLE WINDOWS TO BE COMPLETE WITH REMOVABLE SCREENS. SCREENS TO BE SHIPPED SEPARATELY FROM WINDOWS TO PREVENT DAMAGE.
4. GLASS TYPE AND THICKNESS TO MEET NBC (AE) 2023 REQUIREMENTS FOR ALL SIDELITES.
5. REFER TO BUILDING ELEVATIONS FOR HINGE DIRECTIONS ON AWNING AND CASEMENT UNITS.
6. INSTALL ALL WORK IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND REVIEW SHOP DRAWINGS.
7. PROVIDE ALL COMPANION ACCESSORIES AND ASSOCIATED ITEMS FOR A COMPLETE AND FUNCTIONING INSTALLATION.
8. FILL FRAMING VOIDS WITH INSULATION AS RECOMMENDED BY MANUFACTURER AND AS REQUIRED BY CODE.
9. WINDOW FRAME WIDTH TO BE CONFIRMED AND APPROVED BY DESIGNER.
10. REFER TO DOOR/WINDOW SCHEDULE OR ELEVATIONS FOR INFORMATION NOT DRAWN.

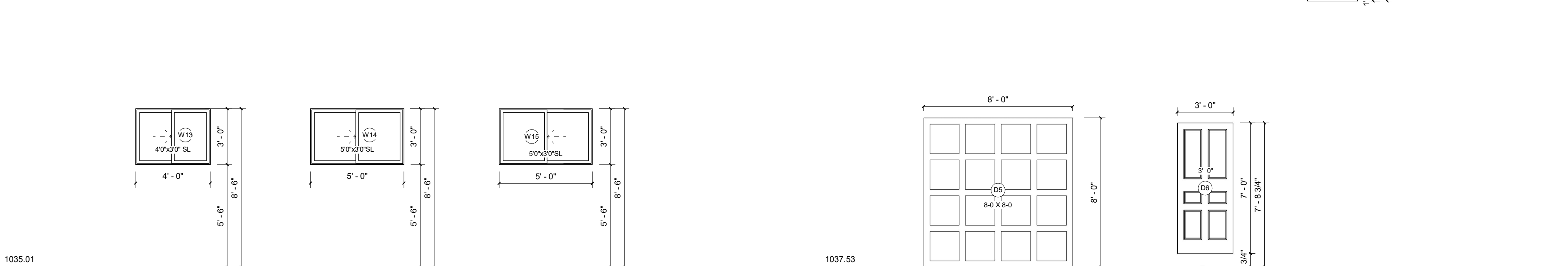
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T.O. UPPER FLOOR



1038.13

T.O. MAIN FLOOR



1035.01

BASEMENT SLAB

1037.53

GARAGE SLAB



GENERAL NOTES:

CONTRACTOR, FRAMER AND
WINDOW MANUFACTURER TO
CONFIRM SIZES BEFORE ORDER
AND INSTALL

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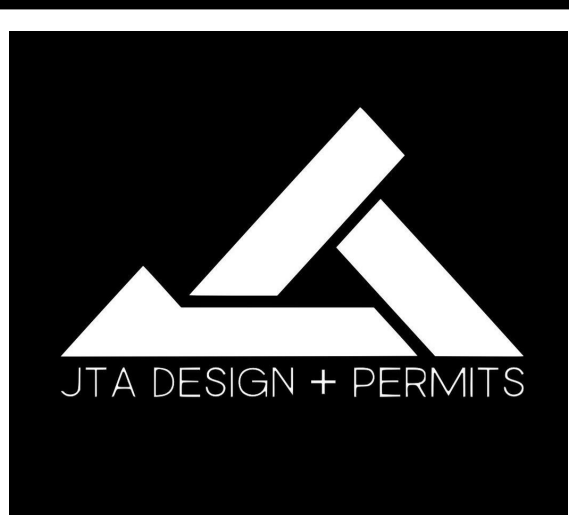
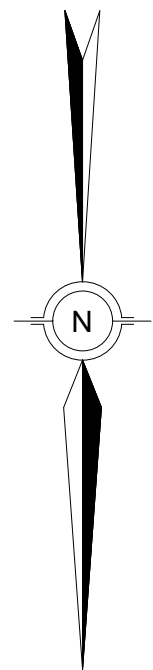
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SCALE: As indicated

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GENERAL NOTES:

FOR RADON PIPE SIZE: THE CODE IS NOT SPECIFIC ON THE TYPE OF PIPE THAT MAY BE USED, ONLY ON THE DIMENSION OF NOT LESS THAN 100MM (4")



Permit to Practice # P14112
JUN 18, 2024
FOUNDATION ONLY

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2502 16a Street S.E.
CALGARY, ALBERTA

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FLOOR AREAS:

MAIN FLOOR AREA:	-- SQ.FT.
UPPER FLOOR AREA:	-- SQ.FT.
LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Foundation plan

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:13 PM

SCALE: 1/4" = 1'-0"

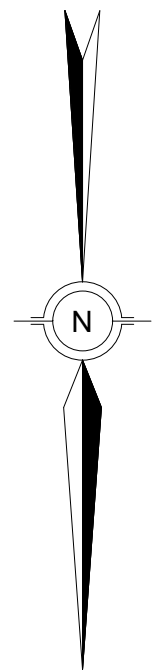
PAGE:

A-1.0

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

FOR RADON PIPE SIZE: THE CODE IS NOT SPECIFIC ON THE TYPE OF PIPE THAT MAY BE USED, ONLY ON THE DIMENSION OF NOT LESS THAN 100MM (4")



GENERAL NOTES:
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MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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LOFT FLOOR AREA:	-- SQ. FT.
TOTAL ABOVE GRADE:	-- SQ. FT.
BASEMENT AREA:	-- SQ. FT.
GARAGE AREA:	-- SQ. FT.

DRAWING SET:

SHEET NAME:
Basement Plan

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:15 PM

SCALE: 1/4" = 1'-0"

PAGE:

SPRAY FOAM NOTES:
-2LBS SPRAY FOAM INSULATION TO BE USED OF RIM JOISTS
-FRAME TOP OF MAIN FLOOR WINDOWS TO MATCH HEIGHT OF EXT DOOR AND TRANSOM UNLESS NOTED
-ALL SIDEYARD CANTILEVERS MUST BE DRYWALLED W/ 5/8" DRYWALL & NON VENTING SOFFIT ON UNDERSIDE, NAILING PATTERN TO BE 6" OC ON PERIMETER AND 8" OC IN THE FIELD. GALVANISED NAILS TO BE USED

-ENSURE HEADROOM AT ELEC. PANEL IS MIN 6'-6" AND HAS 39" CLEARANCE.

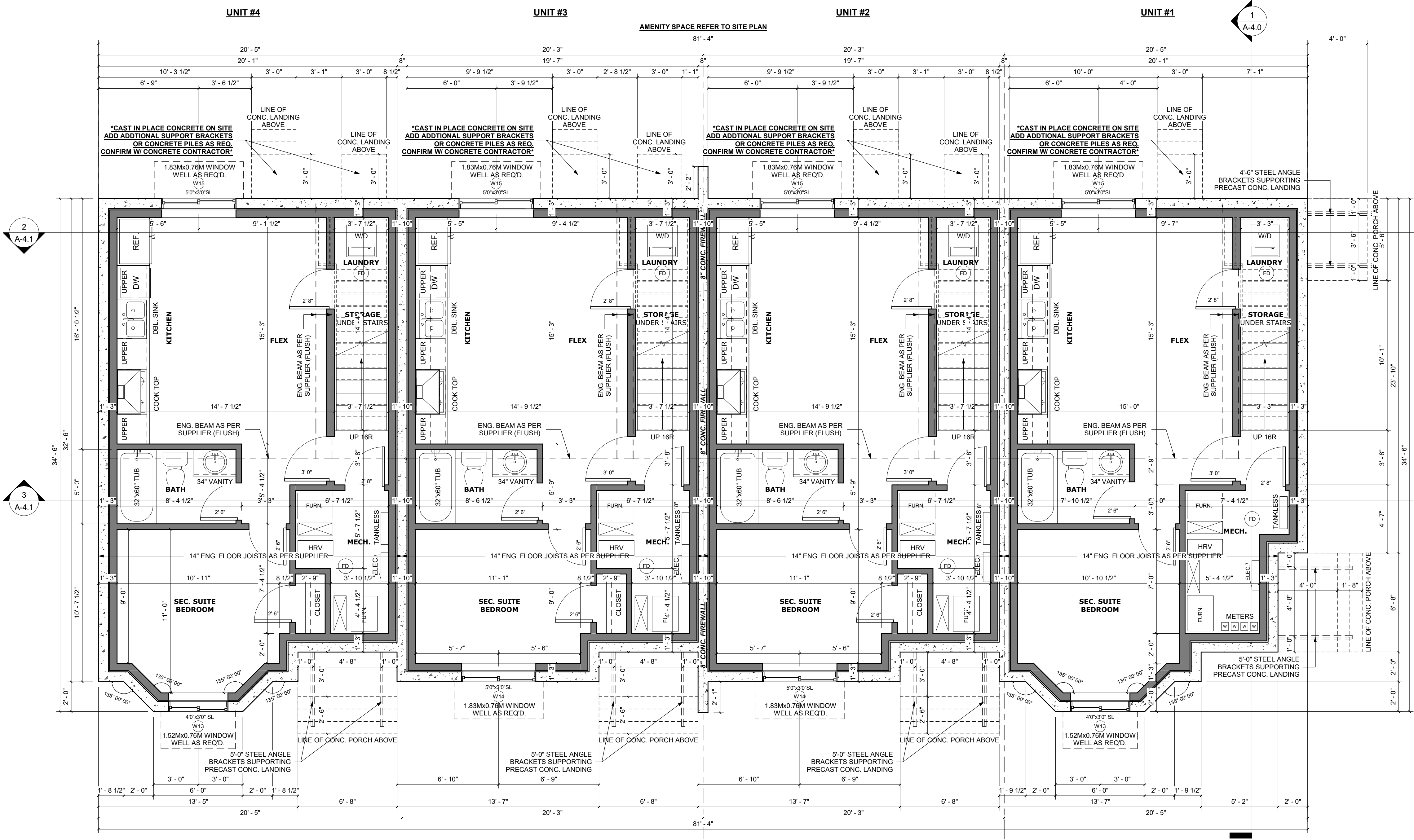
-EXACT FURNACE & HWT LOCATION & ORIENTATION TO BE DETERMINE BY HEATING CONTRACTOR.

- RADON PIPING LOCATION TBD ON SITE.

- WITH LIFE BREATH RNC 205 HEAT RECOVERY VENTILATION (SEE SPEC. FOR DETAILS A-5.9)

- LENNOX FURNACE WITH AFUE Rating of 95% - 98.7%

- BRADFORD WATER HEATER WITH 0.67-0.70 ENERGY STAR RATING AND 70-80 RECOVERY EFFICIENCY



UNIT #1 BASEMENT FLOOR AREA
TOTAL: 651.88 SQ. FT.

UNIT #2 BASEMENT FLOOR AREA
TOTAL: 644.79 SQ. FT.

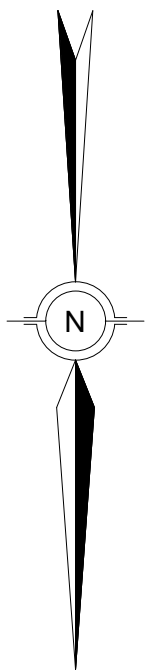
UNIT #3 BASEMENT FLOOR AREA
TOTAL: 644.79 SQ. FT.

UNIT #4 BASEMENT FLOOR AREA
TOTAL: 666.21 SQ. FT.

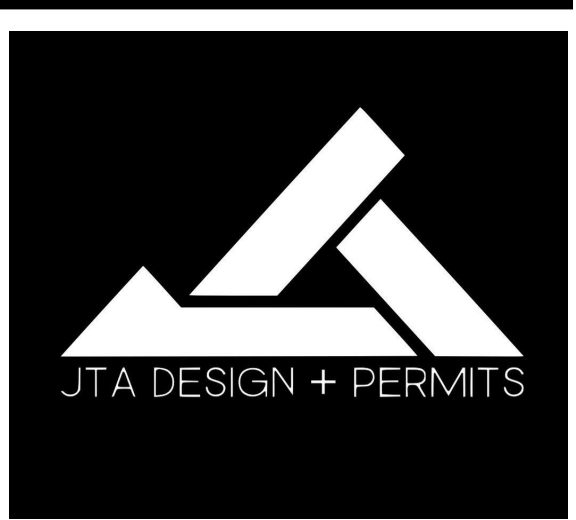
9'-0" BASEMENT FLOOR

BASEMENT PLAN
SCALE: 1/4" = 1'-0"

A-1.1



SPRAY FOAM NOTES:
-2LBS SPRAY FOAM INSULATION TO BE USED OF RIM JOISTS
-FRAME TOP OF MAIN FLOOR WINDOWS TO MATCH HEIGHT OF
EXT DOOR AND TRANSOM UNLESS NOTED
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PATTERN TO BE 6" OC ON PERIMETER AND 8" OC IN THE FIELD.
-GALVANISED NAILS TO BE USED



GENERAL NOTES:

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2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
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MAIN FLOOR AREA:	-- SQ.FT.
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LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Main Floor Plan

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:16 PM

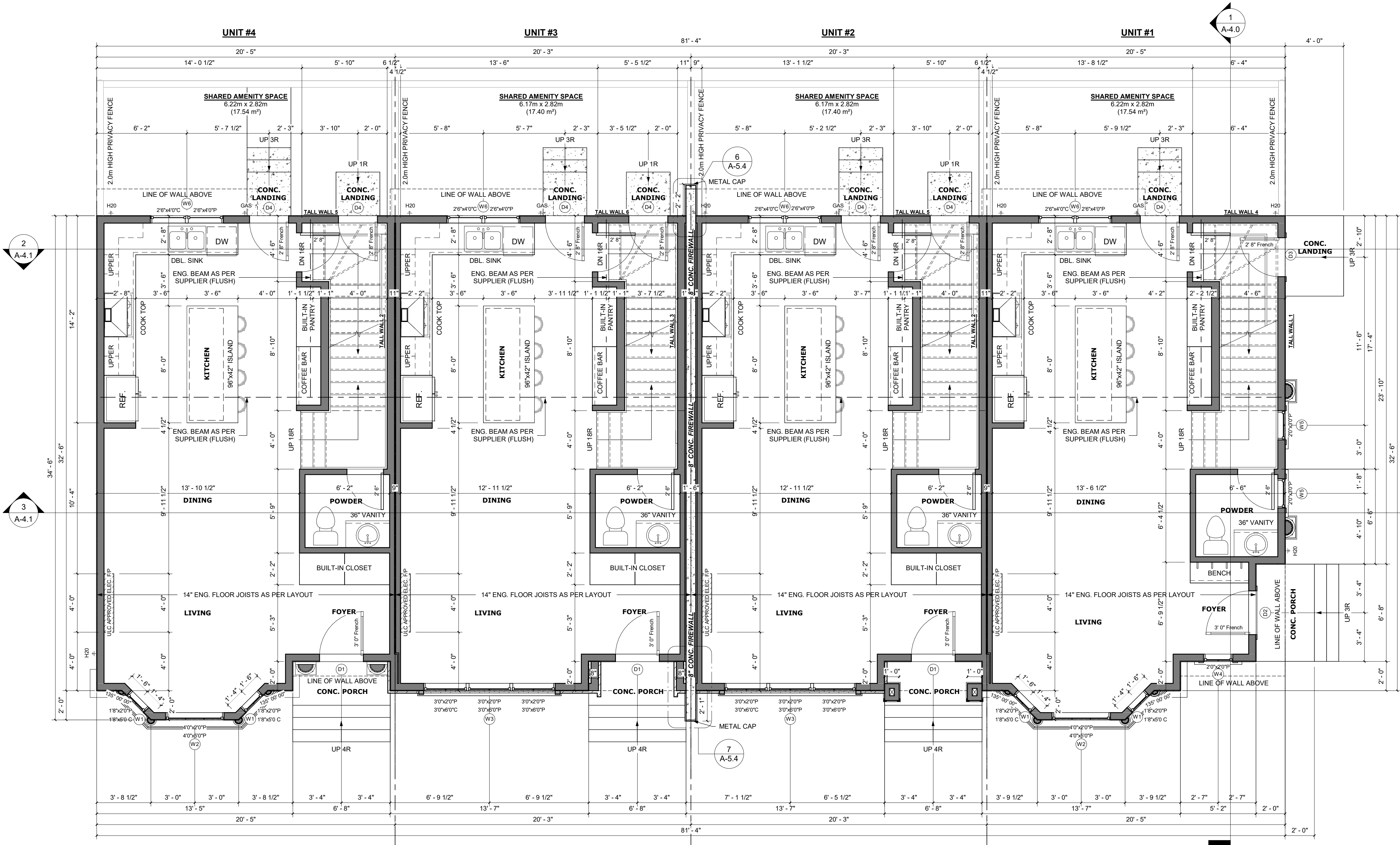
SCALE: 1/4" = 1'-0"

PAGE:

A-1.2

MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0"



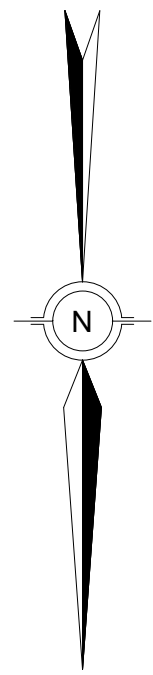
UNIT #1 BASEMENT FLOOR AREA
TOTAL: 651.88 SQ. FT.

UNIT #2 BASEMENT FLOOR AREA
TOTAL: 644.79 SQ. FT.

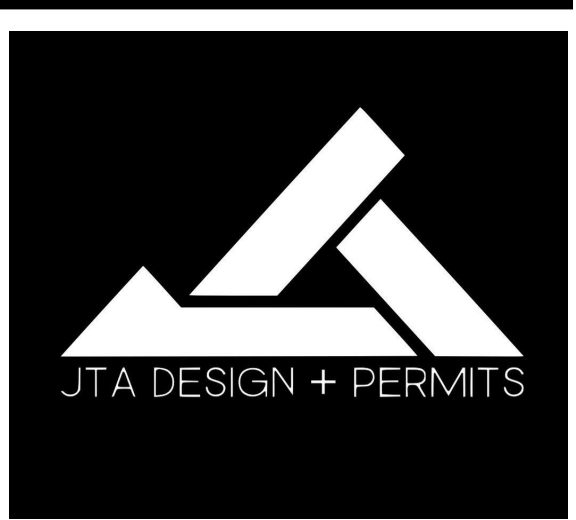
UNIT #3 BASEMENT FLOOR AREA
TOTAL: 644.79 SQ. FT.

UNIT #4 BASEMENT FLOOR AREA
TOTAL: 666.21 SQ. FT.

10'-1 1/8" MAIN FLOOR



SPRAY FOAM NOTES:
-2LBS SPRAY FOAM INSULATION TO BE USED OF RIM JOISTS
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GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

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FLOOR AREAS:

MAIN FLOOR AREA:	-- SQ. FT.
UPPER FLOOR AREA:	-- SQ. FT.
LOFT FLOOR AREA:	-- SQ. FT.
TOTAL ABOVE GRADE:	-- SQ. FT.
BASEMENT AREA:	-- SQ. FT.
GARAGE AREA:	-- SQ. FT.

DRAWING SET:

SHEET NAME:
Upper Floor Plan

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:17 PM

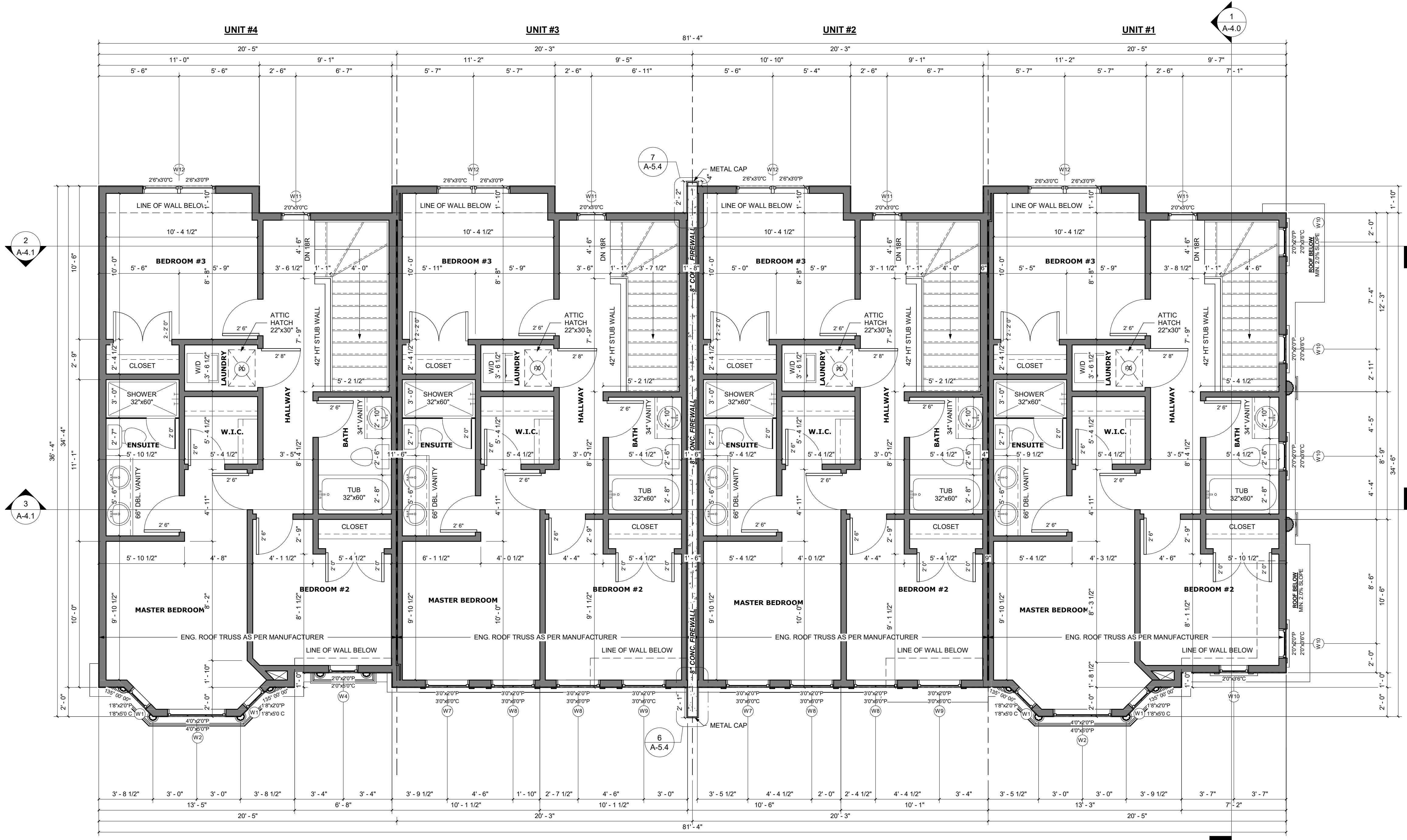
SCALE: 1/4" = 1'-0"

PAGE:

A-1.3

UPPER FLOOR PLAN

SCALE: 1/4" = 1'-0"



UNIT #1 UPPER FLOOR AREA
TOTAL: 692.24 SQ. FT.

UNIT #2 UPPER FLOOR AREA
TOTAL: 677.99 SQ. FT.

UNIT #3 UPPER FLOOR AREA
TOTAL: 677.99 SQ. FT.

UNIT #4 UPPER FLOOR AREA
TOTAL: 693.04 SQ. FT.

9'-1 1/8" UPPER FLOOR

EXTERIOR FINISHES:

- | | |
|--------------------------------------|---|
| 1 ASPHALT SHINGLES | 5 SMART BOARD & BATTEN - BLACK/ DARK GREY |
| 2 8" ALUMINUM FASCIA | 6 BRICK CLADDING - RED AS SPEC'D |
| 3 WOOD SOFFIT - WOOD GRAIN AS SPEC'D | 7 PRECAST CONCRETE |
| 4 HARDIE BOARD SIDING - BLACK | 8 CONCRETE PARGING |

VENTED SOFFIT NOTES:

- VENTED SOFFIT (FRONT AND BACK)
- VENTED SOFFIT ON SIDES IF ITS CLEAR 1.2m
- NON VENTED SIDES SOFFIT IF WITHIN 1.2m
- (SOFFIT ARE PRE-FIN ALUM)

FRONT ELEVATION

SCALE: 1/4" = 1'-0"



RIGHT ELEVATION

SCALE: 1/4" = 1'-0"



GENERAL NOTES:

MUNICIPAL ADDRESS:
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CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

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LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Front & Right Elevation

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:22 PM

SCALE: 1/4" = 1'-0"

PAGE:

A-2.0

EXTERIOR FINISHES:

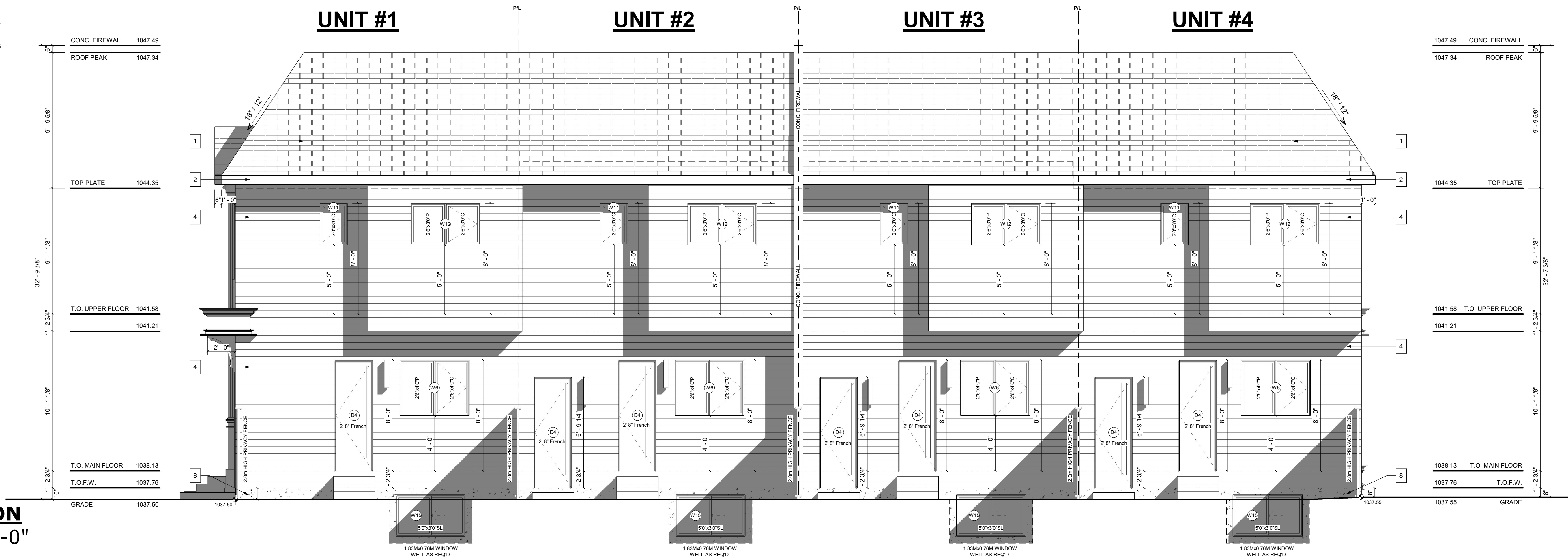
- | | |
|--------------------------------------|---|
| 1 ASPHALT SHINGLES | 5 SMART BOARD & BATTEN - BLACK/ DARK GREY |
| 2 8" ALUMINUM FASCIA | 6 BRICK CLADDING - RED AS SPEC'D |
| 3 WOOD SOFFIT - WOOD GRAIN AS SPEC'D | 7 PRECAST CONCRETE |
| 4 HARDIE BOARD SIDING - BLACK | 8 CONCRETE PARGING |

WINDOW CALCULATION:
(3.81m LIMITING DISTANCE)
WALL AREA = 1828.19 SQ. FT.
WINDOW AREA = 179.98 SQ. FT.
TOTAL: 179.98/1828.19 = 9.84%

VENTED SOFFIT NOTES:
-VENTED SOFFIT (FRONT AND BACK)
-VENTED SOFFIT ON SIDES IF ITS CLEAR 1.2m
-NON VENTED SIDES SOFFIT IF WITHIN 1.2m
(SOFFIT ARE PRE-FIN ALUM)

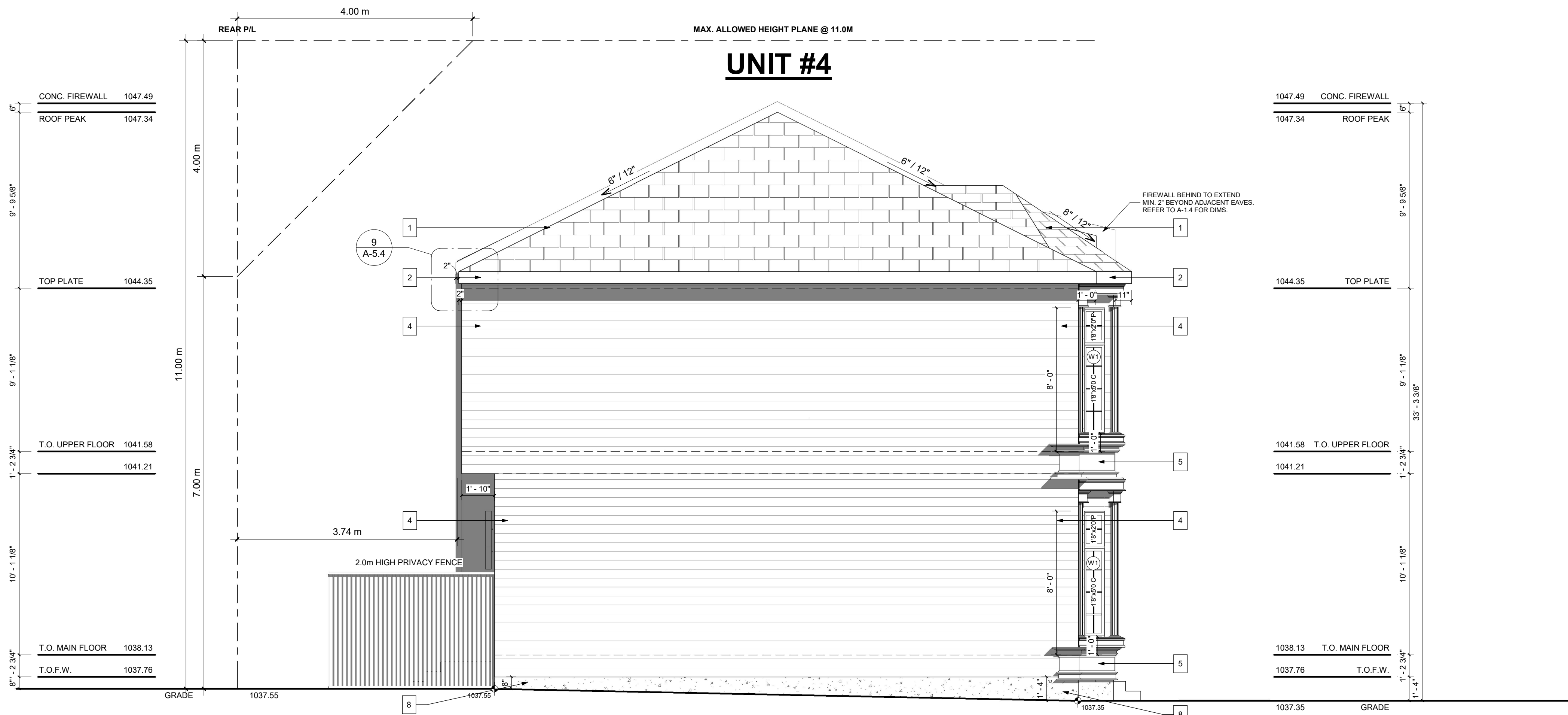
REAR ELEVATION

SCALE: 1/4" = 1'-0"



LEFT ELEVATION

SCALE: 1/4" = 1'-0"



GENERAL NOTES:

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2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

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TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Rear & Left Elevation

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:25 PM

SCALE: 1/4" = 1'-0"

PAGE:

A-2.1

EXTERIOR FINISHES:

- 1

ASPHALT SHINGLES
- 2

8" ALUMINUM FASCIA
- 3

WOOD SOFFIT -
WOOD GRAIN AS SPEC'D
- 4

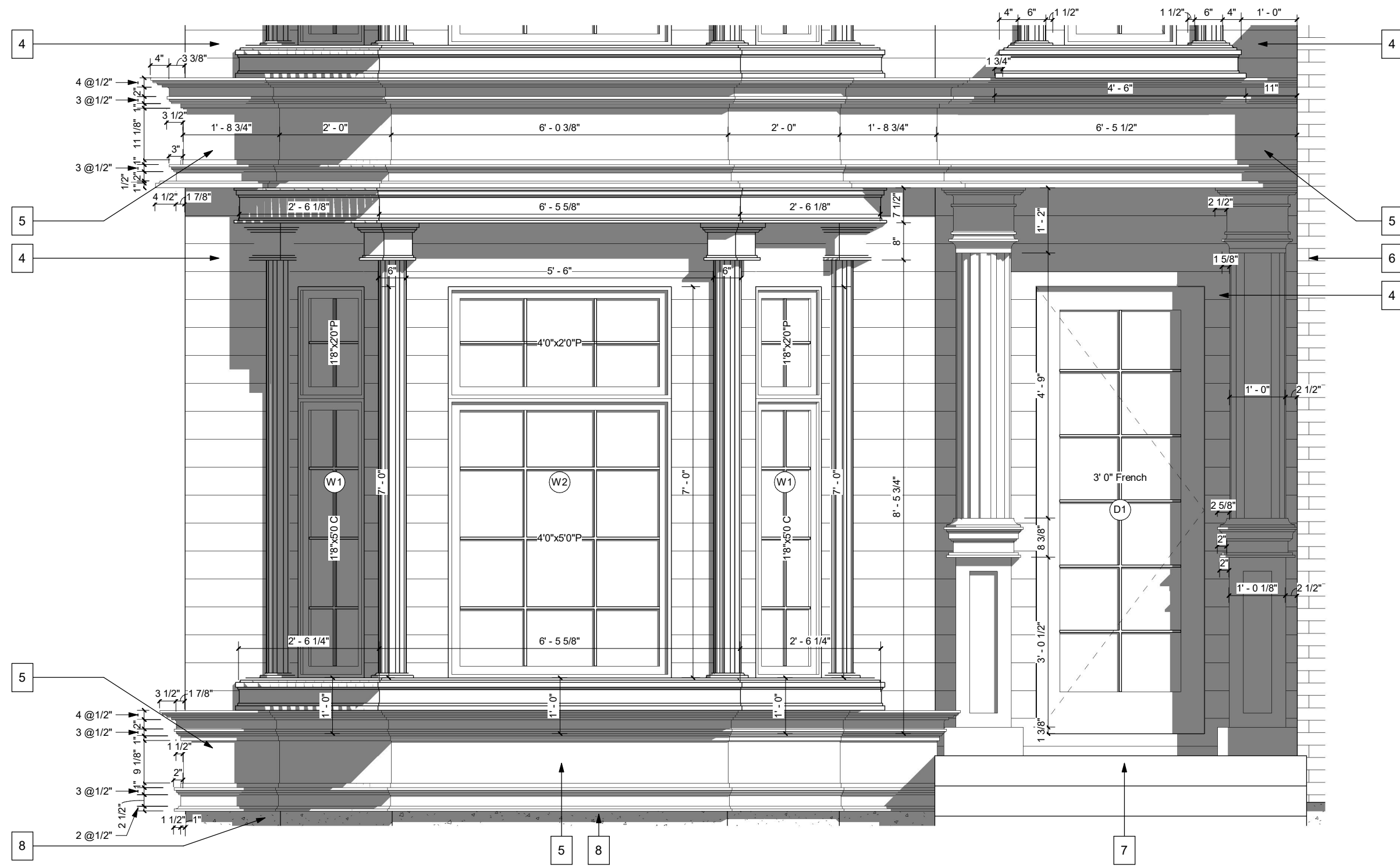
HARDIE BOARD SIDING -
BLACK
- 5

SMART BOARD & BATTEN -
BLACK/ DARK GREY
- 6

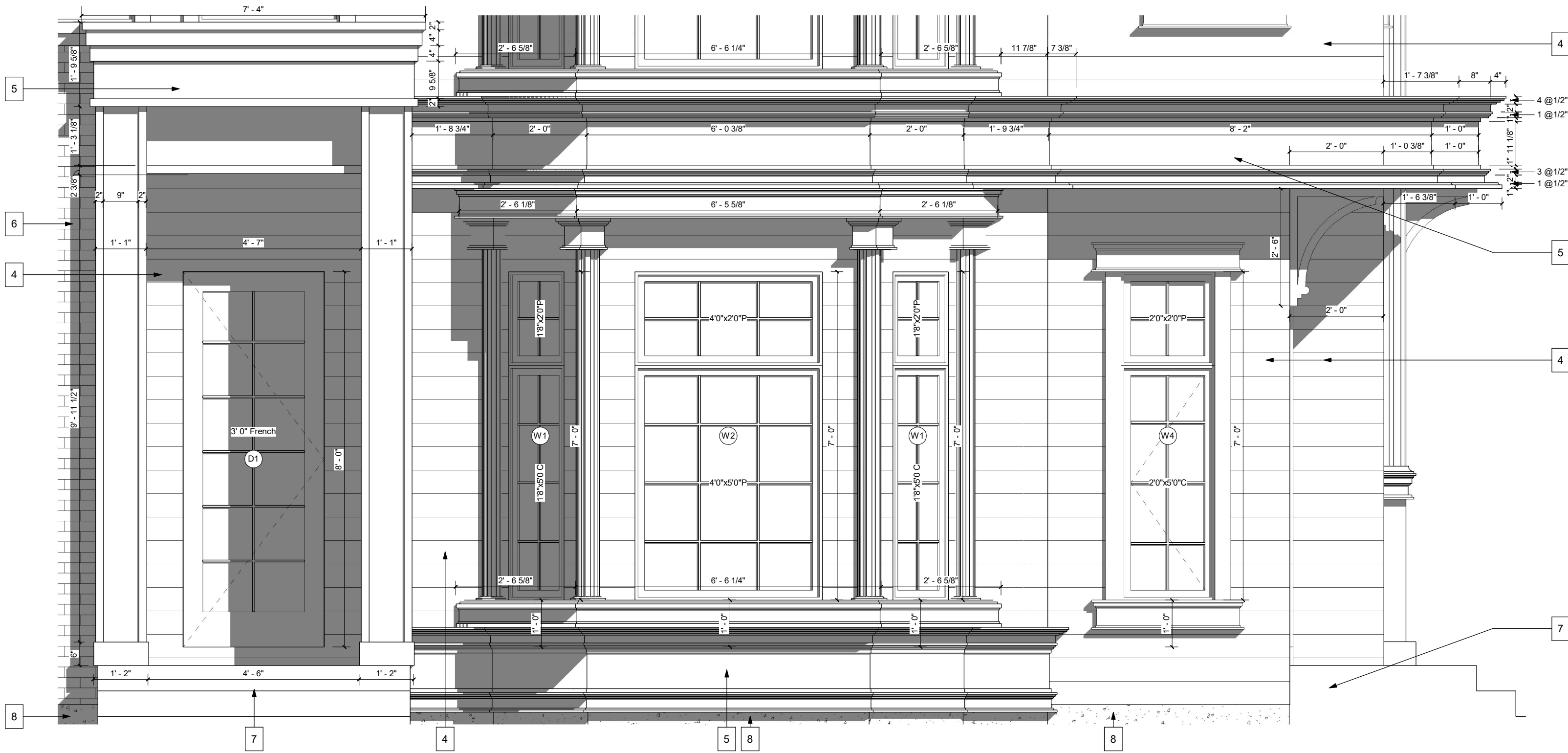
BRICK CLADDING -
RED AS SPEC'D
- 7

PRECAST CONCRETE
- 8

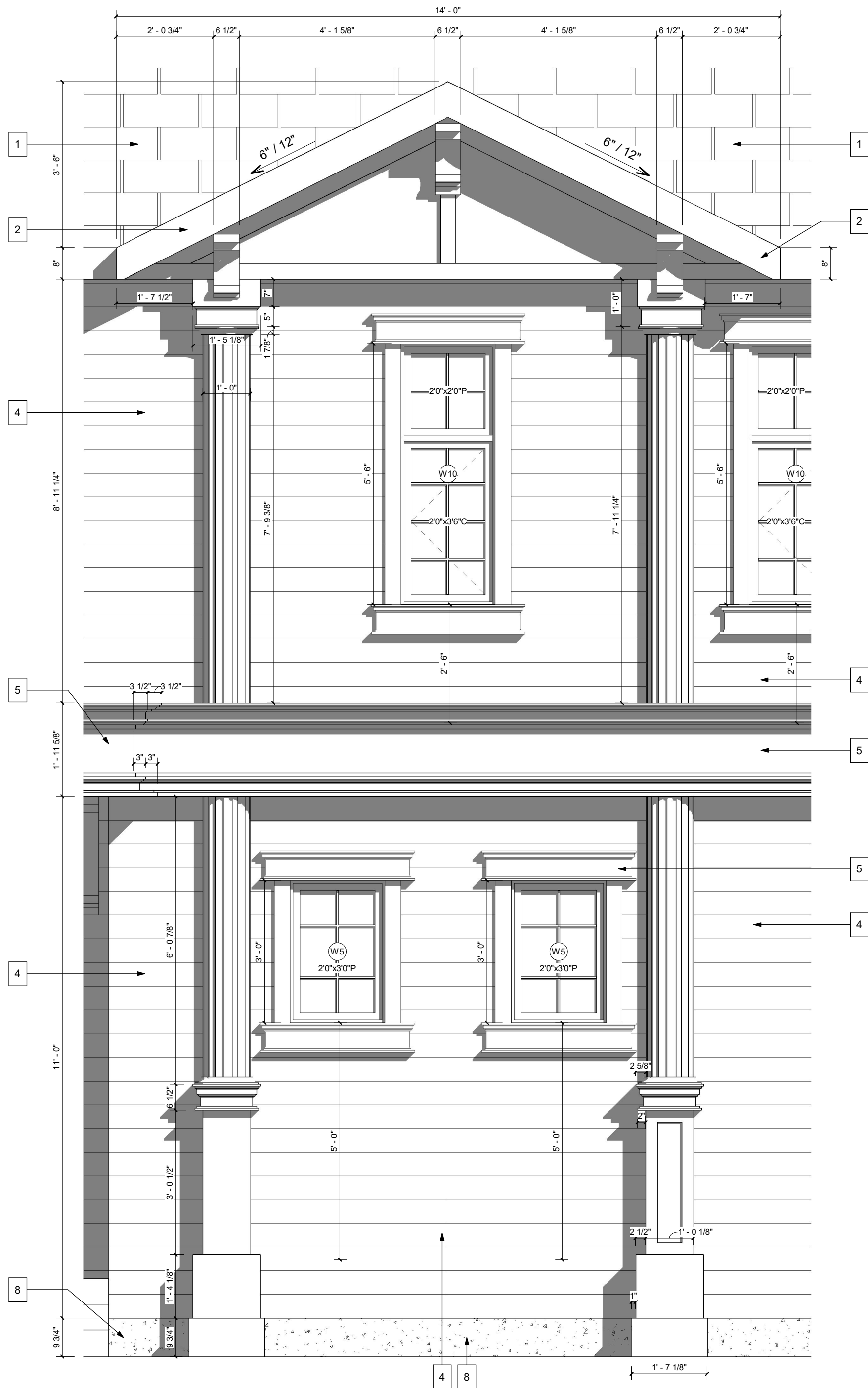
CONCRETE PARGING



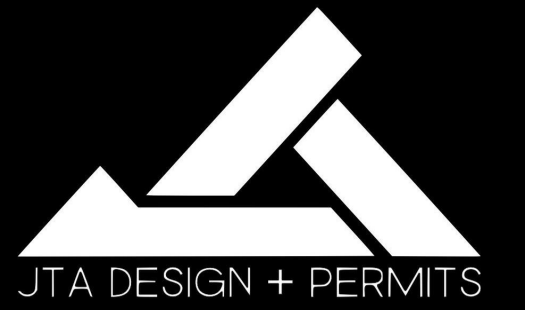
ENLARGED FRONT ELEVATION - 1
SCALE: 1/4" = 1'-0"



ENLARGED FRONT ELEVATION - 2
SCALE: 1/4" = 1'-0"



ENLARGED RIGHT ELEVATION
SCALE: 1/4" = 1'-0"



GENERAL NOTES:

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CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
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UPPER FLOOR AREA:	-- SQ.FT.
LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Enlarged Elevations

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:28 PM

SCALE: 1/2" = 1'-0"

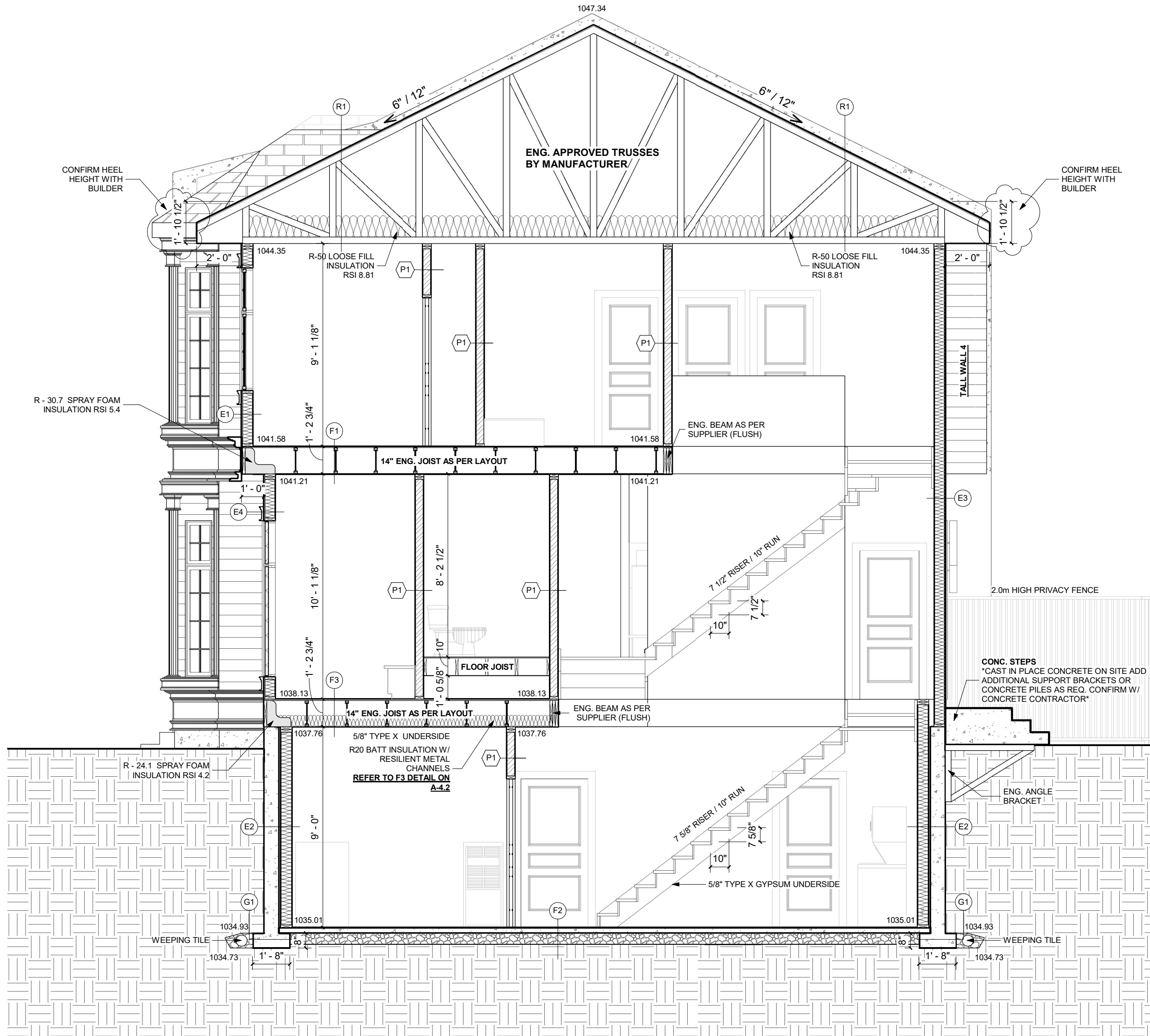
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A-2.2

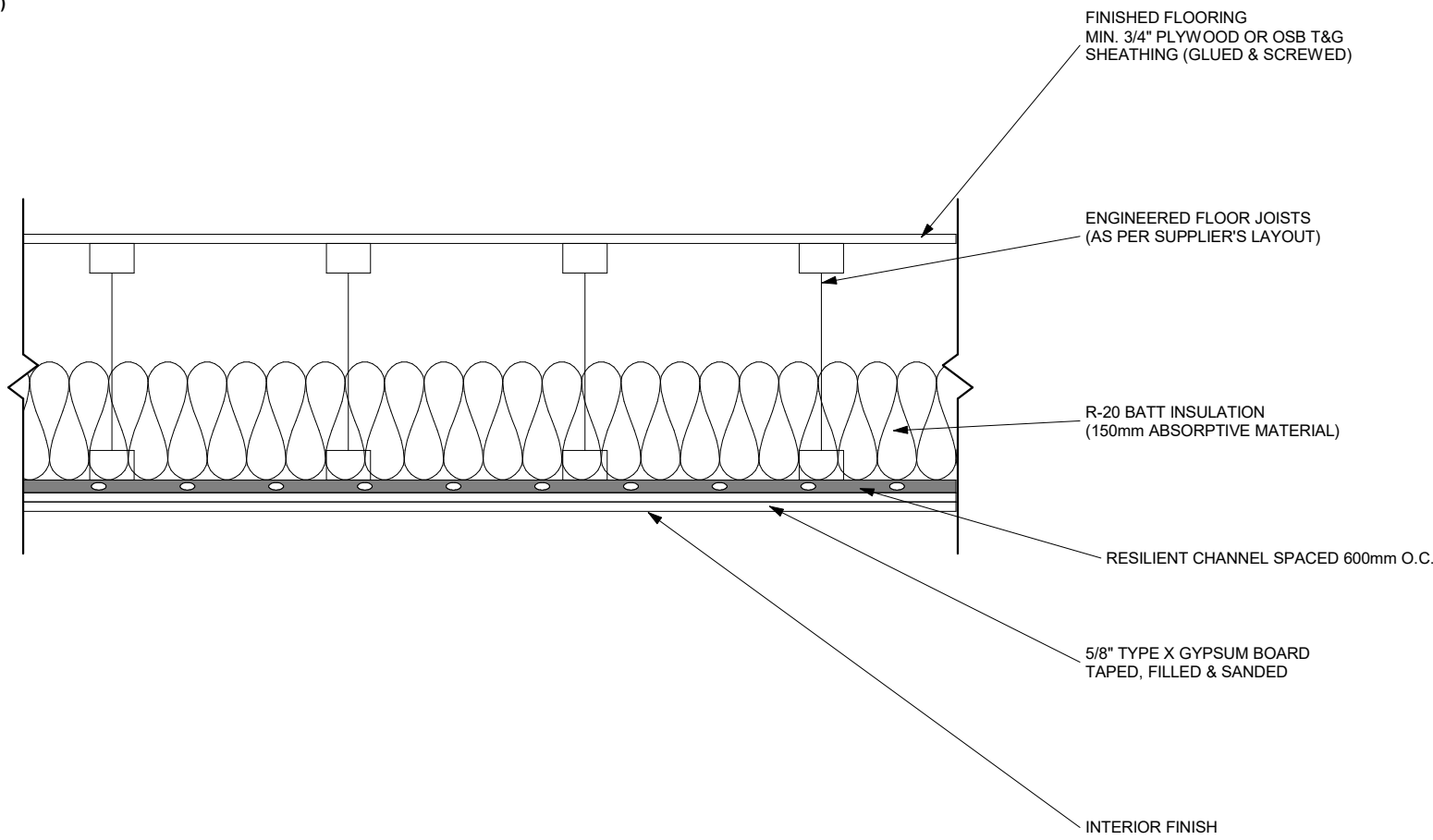
- GENERAL NOTES:
1. DAMPROOFING REQUIRED AT FOUNDATION WALLS AS PER NBC 2023 AE.
 2. DAMPROOFING REQUIRED BELOW SLAB AS PER NBC 2023 AE.
 3. DOUBLE SILL PLATE REQUIRED IF CONCRETE FLOOR FINISHED IS USED.
 4. LINTELS TO BE FRAMED TO MEET NBC 2023 AE:
-LINTELS OVER OPENING <= 6'-0" TO BE 2-2X8 #2 OR BETTER SPF.
-LINTELS OVER OPENINGS > 6'-0" TO BE 2-2X10 #2 OR BETTER SPF.
(UNLESS OTHERWISE NOTED).
 5. 2 LBS SPRAY FOAM APPLIED TO ALL RIM JOISTS, CANTILEVERS AND EXPOSED FLOORS SUCH AS ROOF DECKS - UNLESS NOTED.
 6. ALL FLAT ROOF AREAS TO HAVE FLOOR BUILT WITH A MIN. 2% SLOPE SO MEMBRANE CAN SLOPE TO EXTERIOR - CONTRACTOR TO CONFIRM SCUPPER LOCATION WITH DESIGNER.
 7. FLASHING REQUIRED AT HORIZONTAL JUNCTIONS AND EXTERIOR OPENINGS AS PER NBC (AE) 2023.
 8. "1" CLIPS REQUIRED OR ROOFING SHEATHING AS PER NATIONAL BUILDING CODE (AE) 2023.
 9. ICF/SNOW STOP/GUARD TO BE INSTALLED AS PER MANUFACTURER ON ALL METAL ROOF SLOPE AS PER NBC 2023 AE.

SPRAY FOAM NOTES: **CCMCB14149-1**
-2LBS SPRAY FOAM INSULATION TO BE USED OF RIM JOISTS
-FRAME TOP OF MAIN FLOOR WINDOWS TO MATCH HEIGHT
OF EXT DOOR AND TRANSOM UNLESS NOTED
-ALL SIDEWALL CANTILEVERS MUST BE DRYWALLED W/ 5/8
DRYWALL & NON VENTING SOFFIT ON UNDERSIDE.
NAILING PATTERN TO BE 6" OC ON PERIMETER AND 8" OC IN
THE FIELD. GALVANISED NAILS TO BE USED

CONTRACTOR/BUILDER TO CONFIRM
HEEL HEIGHT & ROOF DETAILS PRIOR TO
ORDERING WITH THE MANUFACTURER.
ANY ISSUE MUST BE RESOLVED WITH
THE DESIGNER BEFORE PROCEEDING.



REFER TO FRK (STC 46)
TABLE A-9.10.3.1.1-B
NBC 2023 AE



F3 DETAIL
SCALE: NTS

INTERIOR WALL ASSEMBLIES:
(NOTE: FIRE RATED EXTERIOR SHEATHING
PRODUCT TO BE INSTALLED ON ALL EXTERIOR
WALLS DURING CONSTRUCTION AS PER NBC (AE) 2023)

- (P1) INTERIOR FINISH
1/2\"/>
- (P2) INTERIOR FINISH
1/2\"/>
- (P3) REFER TO W13a (STC 57);
TABLE A-9.10.3.1A, NBC (AE) 2023
5/8\"/>
- (P4) INTERIOR FINISH
1/2\"/>
- (P5) INTERIOR FINISH
1/2\"/>

EXTERIOR WALL ASSEMBLIES:

- (E1) HARDIE OR EQUIVALENT (AS PER ELEV.
DRAWING) AS PER
MANUFACTURER'S SPECS.
2-PLY BUILDING PAPER
3/8\"/>
- (E2) SMOOTH PARING ABOVE GRADE
WATER PROOFING/DAMP PROOFING
BELOW GRADE, INCLUDING
TOP OF FOOTING BOTH SIDES
OF WALL
8\"/>
- (E3) TALL WALL CONSTRUCTION
SEE TALL WALL DETAIL
- (E4) SIMILAR TO "E1"
2X6 WOOD STUDS @ 16\"/>

TRUSS ASSEMBLIES:

- (T1) 5/8\"/>
- (T2) 5/8\"/>

ROOF ASSEMBLIES:

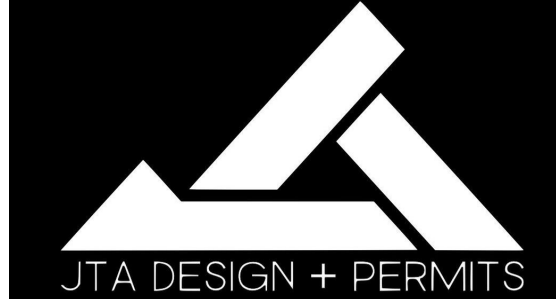
- (R1) ASPHALT SHINGLES OR EQUIVALENT ROOFING FELT
3/8\"/>

FLOOR ASSEMBLIES:

- (F1) FINISHED FLOORING
MIN. 3/4\"/>
- (F2) 3\"/>
- (F3) REFER TO FRK (STC 46);
TABLE A-9.10.3.1.1-B NBC 2023 AE
FINISHED FLOORING
MIN. 3/4\"/>
- (F4) REFER TO FRK (STC 46);
TABLE A-9.10.3.1.1-B NBC 2023 AE
FINISHED FLOORING
MIN. 3/4\"/>

FOOTING ASSEMBLIES:

- (F1) WALL 20\"/>
- (F2) WALL 30\"/>
- (F3) WALL 54\"/>



GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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02.	06/12/23	REVISIONS	AD.
03.	13/05/24	BP PLANS	S.P.
04.	--	--	--
05.	--	--	--
06.	--	--	--

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AND ANY OTHER GOVERNING AUTHORITIES.

ALL FRAMING, ELECTRICAL ROUGH-IN AND
PLUMBING ROUGH-IN NEEDS TO BE CONFIRMED BY
TRADES/CONTRACTOR AND HOME OWNER. ANY
ISSUE NEEDS TO BE NOTIFIED TO THE DESIGNER
TO BE RESOLVED BEFORE PROCEEDING

FLOOR AREAS:

MAIN FLOOR AREA: -- SQ.FT.

UPPER FLOOR AREA: -- SQ.FT.

LOFT FLOOR AREA: -- SQ.FT.

TOTAL ABOVE GRADE: -- SQ.FT.

BASEMENT AREA: -- SQ.FT.

GARAGE AREA: -- SQ.FT.

DRAWING SET:

SHEET NAME:
Section 1

DESIGN BY: JT

DRAWN BY: JT

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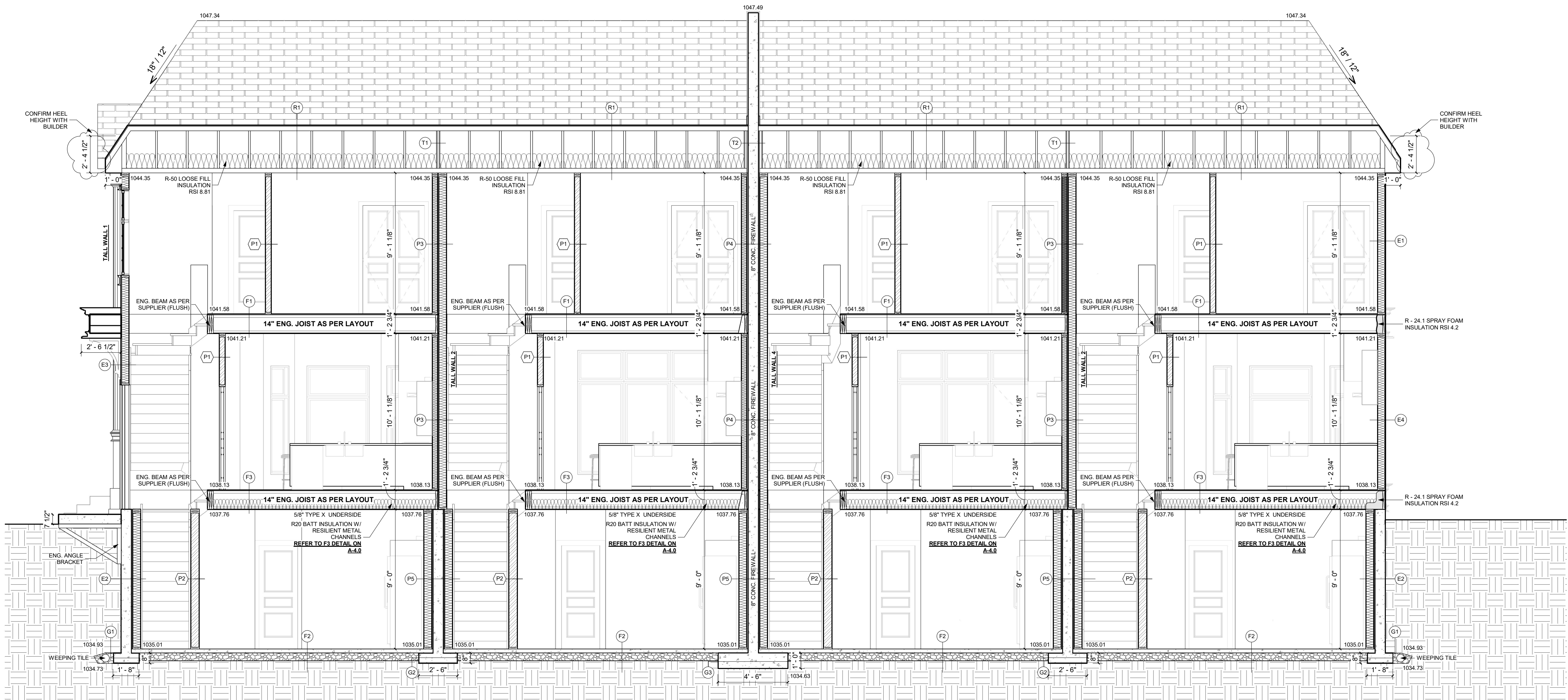
SCALE: As indicated

PAGE:

- GENERAL NOTES:**
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-2 LBS SPRAY FOAM INSULATION TO BE USED OF RIM JOISTS
-FRAME TOP OF MAIN FLOOR WINDOWS TO MATCH HEIGHT OF EXT. DOOR AND TRANSOM (UNLESS NOTED)
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-NAILING PATTERN TO BE 8" OC ON PERIMETER AND 8" OC IN THE FIELD-GALVANISED NAILS TO BE USED

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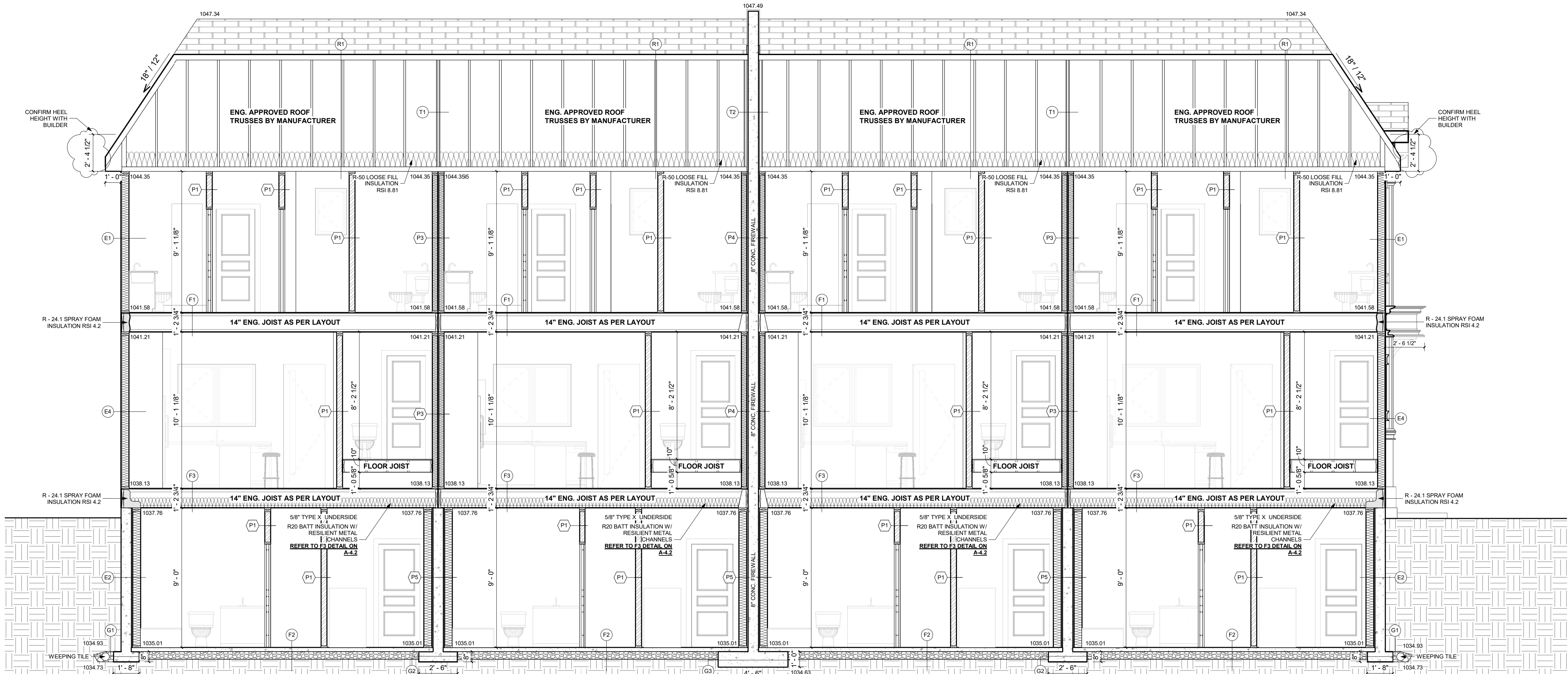


SECTION 2
SCALE: 1/4" = 1'-0"

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SECTION 3
SCALE: 1/4" = 1'-0"



GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
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01.	12/08/23	BP PLANS	K.C.
02.	06/12/23	REVISIONS	AD
03.	13/05/24	BP PLANS	S.P.
04.	--	--	--
05.	--	--	--
06.	--	--	--

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FLOOR AREAS:	
MAIN FLOOR AREA:	-- SQ.FT.
UPPER FLOOR AREA:	-- SQ.FT.
LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Section 2 & 3

DESIGN BY: JT

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SCALE: 1/4" = 1'-0"

PAGE:

A-4.1

AS PER SECTION 9.36.2.10 - NOTES PERTAINING TO LEAKAGE PATHS IN PROBLEMATIC AREAS

FOUNDATION TO SILL PLATE AND RIM JOISTS
ALL JOINTS AT THE TRANSITION BETWEEN THE FOUNDATION WALL AND THE ABOVE GRADE WALL MUST BE AIR-TIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS, OR COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL.

INTERIOR WALL INTERFACE
INTERIOR WALLS THAT MEET EXTERIOR WALLS OR CEILINGS WITH AN INTERIOR PLANE OF AIR TIGHTNESS MUST BE MADE AIRTIGHT BY EITHER SEALING ALL JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS, COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL, OR MAINTAINING THE CONTINUITY OF THE AIR BARRIER SYSTEM THROUGH THE INTERIOR WALL.

RIM JOIST
ALL JOINTS AT THE THE RIM JOIST ASSEMBLY MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS, OR COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL.

CANTILEVERED FLOOR
CANTILEVERED FLOORS AND FLOORS OVER UNHEATED SPACES/EXTERIOR SPACE MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS AND/OR COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL.

WINDOW HEAD
THE INTERFACE BETWEEN WINDOW HEAD/JAMB AND WALL ASSEMBLY MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE AIR BARRIER IN THE WALL AND WINDOW. THE REQUIREMENT ALSO APPLIES TO DOORS AND SKYLIGHTS.

WINDOW SILL
THE INTERFACE BETWEEN WINDOW SILL AND WALL ASSEMBLY MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE AIR BARRIER MATERIAL IN THE WALL AND THE WINDOW. THE REQUIREMENT ALSO APPLIES TO DOORS AND SKYLIGHTS.

MECHANICAL FLUES AND CHIMNEY
STEEL-LINED CHIMNEYS THAT PENETRATE THE BUILDING ENVELOPE MUST BE MADE AIRTIGHT BY BLOCKING THE VOID BETWEEN REQUIRED CLEARANCES FOR METAL CHIMNEYS AND SURROUNDING CONSTRUCTION WITH SHEET METAL AND SEALANT CAPABLE OF WITHSTANDING HIGH TEMPERATURES

PLUMBING STACKS
PLUMBING VENT STACK PIPES THAT PENETRATES THE BUILDING ENVELOPE MUST BE MADE AIRTIGHT BY EITHER SEALING THE AIR BARRIER MATERIAL TO THE VENT STACK PIPE WITH A COMPATIBLE MATERIAL OR SHEATHING TAPE, OR INSTALLING A RUBBER GASKET OR PREFABRICATED ROOF FLASHING AT THE PENETRATION OF THE PLANE OF AIR TIGHTNESS AND SEALING IT TO THE TOP PLATE

SKYLIGHTS
THE INTERFACE BETWEEN THE SKYLIGHT AND WALL ASSEMBLY MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE AIR BARRIER MATERIAL IN THE WALL AND THE SKYLIGHT.

WALL TO CEILING
ALL JOINTS AT THE TRANSITION BETWEEN THE ABOVE GRADE WALL AND CEILING MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS AND/OR COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL.

WALL VENTED DUCTS
DUCT PENETRATIONS THROUGH THE BUILDING ENVELOPE MUST HAVE AN AIRTIGHT SEAL.

ELECTRICAL PENETRATION IN WALLS
ELECTRICAL PENETRATIONS IN WALLS, INCLUDING ELECTRICAL OUTLETS, WIRING, SWITCHES, AND RECESSED FIXTURES THROUGH THE PLANE OF AIR TIGHTNESS MUST BE AIRTIGHT. OPTIONS INCLUDE USING A COMPONENT THAT IS DESIGNED TO BE AIRTIGHT AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL, OR BY COVERING THE COMPONENT WITH AN AIR BARRIER MATERIAL AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL.

SPECIFIC REQUIREMENTS:

EFFECTIVE INSULATION OF CEILING, WALLS, AND FLOORS MEET THE REQUIREMENTS OF TABLE 9.36.2.6.A AND TABLE 9.36.2.6.B FOR THE CORRECT CLIMATE ZONE

THE THERMAL CHARACTERISTICS OF WINDOWS, DOOR AND SKYLIGHTS MEET THE REQUIREMENTS OF TABLE 9.36.2.7.A.B AND C FOR THE CORRECT CLIMATE ZONE

EFFECTIVE INSULATION OF FOUNDATIONS MEET THE REQUIREMENTS OF TABLE 9.36.2.8.A OR B FOR THE CORRECT CLIMATE ZONE

DUCTS LOCATED OUTSIDE THE THERMAL ENCLOSURE ARE SEALED AND INSULATED TO THE EXTERIOR WALL INSULATION REQUIREMENTS

DAMPERS ARE INSTALLED AT AIR INLETS AND EXHAUSTS WHERE REQUIRED

PIPING FOR HEATING OR COOLING SYSTEM IS LOCATED WITHIN THE THERMAL ENCLOSURE OR ARE FULLY INSULATED

HVAC EQUIPMENT IS LOCATED WITHIN THERMAL ENCLOSURE OR DESIGNATED TO BE INSTALLED OUTSIDE OF THERMAL ENCLOSURE

TEMPERATURE CONTROLS ARE INSTALLED ON HEATING AND COOLING EQUIPMENT

INDOOR POOLS ARE COVERED OR HAVE AN HRV/DEHUMIDIFIER

HVAC AND SWH EQUIPMENT MEET MINIMUM PERFORMANCE REQUIREMENTS DETERMINED IN TABLES 9.36.3.10 AND 9.36.4.2

SERVICE WATER HEATING PIPES ARE INSULATED AT THE INLET AND OUTLET OF STORAGE TANKS

SERVICE WATER HEATERS HAVE TEMPERATURE CONTROLS

THE AIR BARRIER DETAILS, AND LOCATIONS HAVE BEEN IDENTIFIED

GAS FIRED FURNACE - LESS THAN 220 000 BTU/Hr (66KW) - ANNUAL FUEL USE EFFICIENCY (AFUE) MUST BE GREATER THAN OR EQUAL TO 92%

TEMPERATURE CONTROLS AS PER SECTION 9.36.3.6

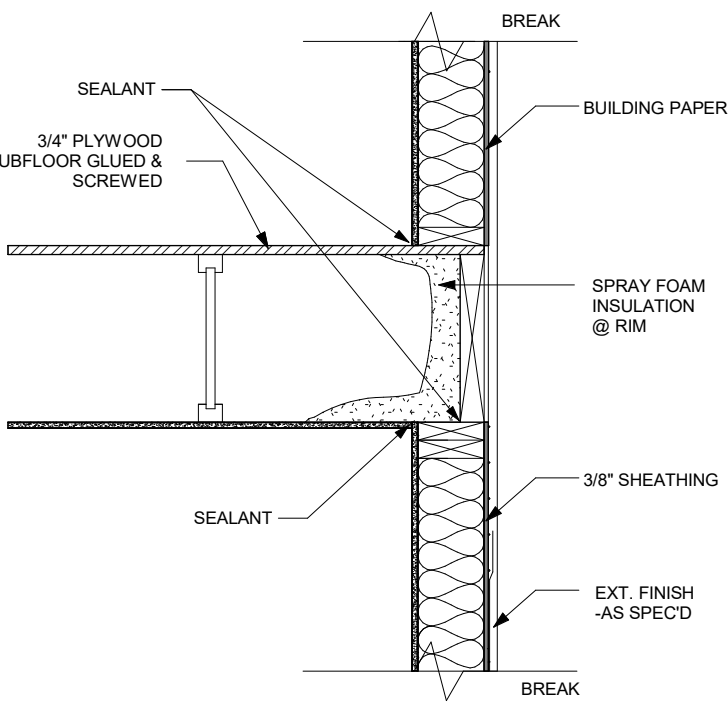
THE TEMPERATURE CONTROLS ARE GENERALLY REQUIRED FOR HEATING AND COOLING EQUIPMENT. THE ACCURACY OF THE CONTROL MUST BE BETTER THAN PLUS OR MINUS 0.5 DEGREES CELCIUS.

RIM JOIST SPACING

MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE +RSI 2.97				14" I-JOIST @ 19.2" O.C. W/ R-24.1 SPRAY FOAM INSULATION IN CAVITY A-9.36.2.4(1)			
				MM	RSI		
ASSEMBLY DESCRIPTION							
1.	EXTERIOR AIR FILM	-	0.03				
2.	EXTERIOR FINISH AS SPEC'D	-	-				
3.	2 PLY BUILDING PAPER	-	-				
4.	3/8" PLYWOOD SHEATHING	9.5	0.083				
5.	1 1/2" LUMBER RIM BOARD	38.1	0.324				
6.	4" FRAMING CAVITY @ 19.2" O.C. (101.6mm x 0.0085 RSI/mm)	RSI _F = 0.86	% AREA OF FRAMING = 7.5%				
7.	R-24.1 SPRAY FOAM INSULATION (102mm THICK, MEDIUM DENSITY)	RSI _C = 4.20	% AREA OF CAVITY = 92.5%				
8.	3/4" PLYWOOD SUBFLOOR	19.05	0.166				
9.	INTERIOR AIR FILM	-	0.12				
RSI = $\frac{100}{\text{parallel} (7.5(0.86) + (92.5(4.20))}$					3.25		
TOTAL EFFECTIVE INSULATION VALUE					RSI 3.97		

ABOVE GRADE WALL ASSEMBLY **WITH** HEAT RECOVERY VENTILATION- ZONE 7A MIN RSI 2.97
CCMC #14140-L
NOTE: **A-9.36.2.4(1)**

RIM JOIST DETAIL
SCALE: NTS



"E4" ABOVE GROUND WALL DETAIL & CLIMATE ZONE 7A
ENERGY WALL ASSEMBLY DETAIL

MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE +RSI 2.97				2 X 6 STUDS @ 16" O.C			
				MM	RSI		
ASSEMBLY DESCRIPTION							
1.	EXTERIOR AIR FILM	-	0.03				
2.	HARDIE SIDING	12.7	0.038				
3.	2 PLY BUILDING PAPER	-	0.011				
4.	3/8" PLYWOOD	9.5	0.083				
5.	2X6 STUDS @ 16" O.C. (140mm x 0.0085 RSI/mm)	RSI _F = 1.19	% AREA OF FRAMING = 23%				
6.	R-24 FIBREGLASS BATT INSULATION (140mm THICK, RSI 4.23)	RSI _C = 4.23	% AREA OF CAVITY = 77%				
7.	6 MIL (0.15mm) POLY VAPOUR BARRIER	-	-				
8.	1/2" GYPSUM BOARD	12.7	0.08				
9.	INTERIOR AIR FILM	-	0.12				
RSI = $\frac{100}{\text{parallel} (23(1.19) + (77(4.23))}$					2.66		
TOTAL EFFECTIVE INSULATION VALUE					RSI 3.02		

ABOVE GRADE WALL ASSEMBLY **WITH** HEAT RECOVERY VENTILATION- ZONE 7A MIN RSI 2.97
CCMC #14140-L

"E4" ABOVE GROUND WALL DETAIL (HARDIE)
SCALE: NTS

"E1" ABOVE GROUND WALL DETAIL & CLIMATE ZONE 7A
ENERGY WALL ASSEMBLY DETAIL

MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE +RSI 2.97				2 X 6 STUDS @ 24" O.C			
				MM	RSI		
ASSEMBLY DESCRIPTION							
1.	EXTERIOR AIR FILM	-	0.03				
2.	HARDIE SIDING	12.7	0.038				
3.	2 PLY BUILDING PAPER	-	0.011				
4.	3/8" PLYWOOD	9.5	0.083				
5.	2X6 STUDS @ 24" O.C. (140mm x 0.0085 RSI/mm)	RSI _F = 1.19	% AREA OF FRAMING = 20%				
6.	R-22 FIBREGLASS BATT INSULATION (140mm THICK, RSI 3.87)	RSI _C = 3.87	% AREA OF CAVITY = 80%				
7.	6 MIL (0.15mm) POLY VAPOUR BARRIER	-	-				
8.	1/2" GYPSUM BOARD	12.7	0.08				
9.	INTERIOR AIR FILM	-	0.12				
RSI = $\frac{100}{\text{parallel} (20(1.19) + (80(3.87))}$					2.67		
TOTAL EFFECTIVE INSULATION VALUE					RSI 3.03		

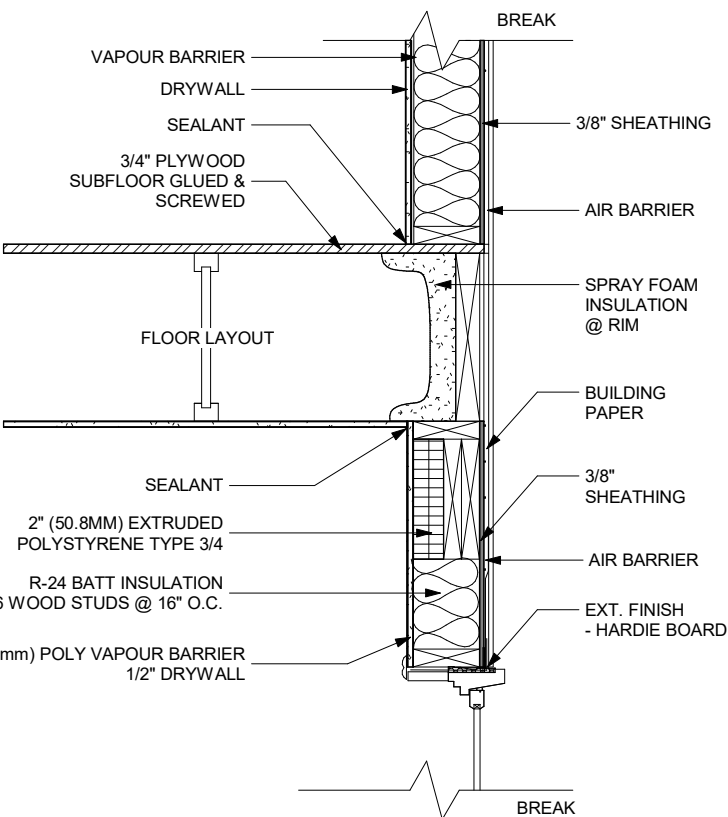
ABOVE GRADE WALL ASSEMBLY **WITH** HEAT RECOVERY VENTILATION- ZONE 7A MIN RSI 2.97
CCMC #14140-L

"E1" ABOVE GROUND WALL DETAIL (HARDIE)
SCALE: NTS

FENESTRATION (WINDOWS) AND DOORS TO HAVE AN OVERALL THERMAL TRANSMITTANCE (U-VALUE) NOT GREATER THAN THE VALUES LISTED IN TABLE 9.36.2.7.A (NATIONAL BUILDING CODE 2023 AE) FOR THE APPLICABLE HEATING DEGREE-DAY CATEGORY. CLIMATE ZONE 7A MAXIMUM U-VALUE TO BE 1.60	
DOOR TO GARAGE	USI 1.6
ACCESS HATCH	RSI 2.6
FRONT DOOR	USI 1.6
GLASS BLOCK	USI 2.9
O.H. GARAGE DOOR	RSI 1.1

THE THERMAL BRIDGING EFFECT OF CLOSELY SPACED REPETITIVE STRUCTURAL MEMBERS LIKE STUDS & JOISTS, AND OF ANCHILLARY MEMBERS LIKE LINTELS, SILLS AND PLATES MUST BE ACCOUNTED FOR WHEN CALCULATING THE THERMAL RESISTANCE OF A BUILDING ENVELOPE ASSEMBLIES

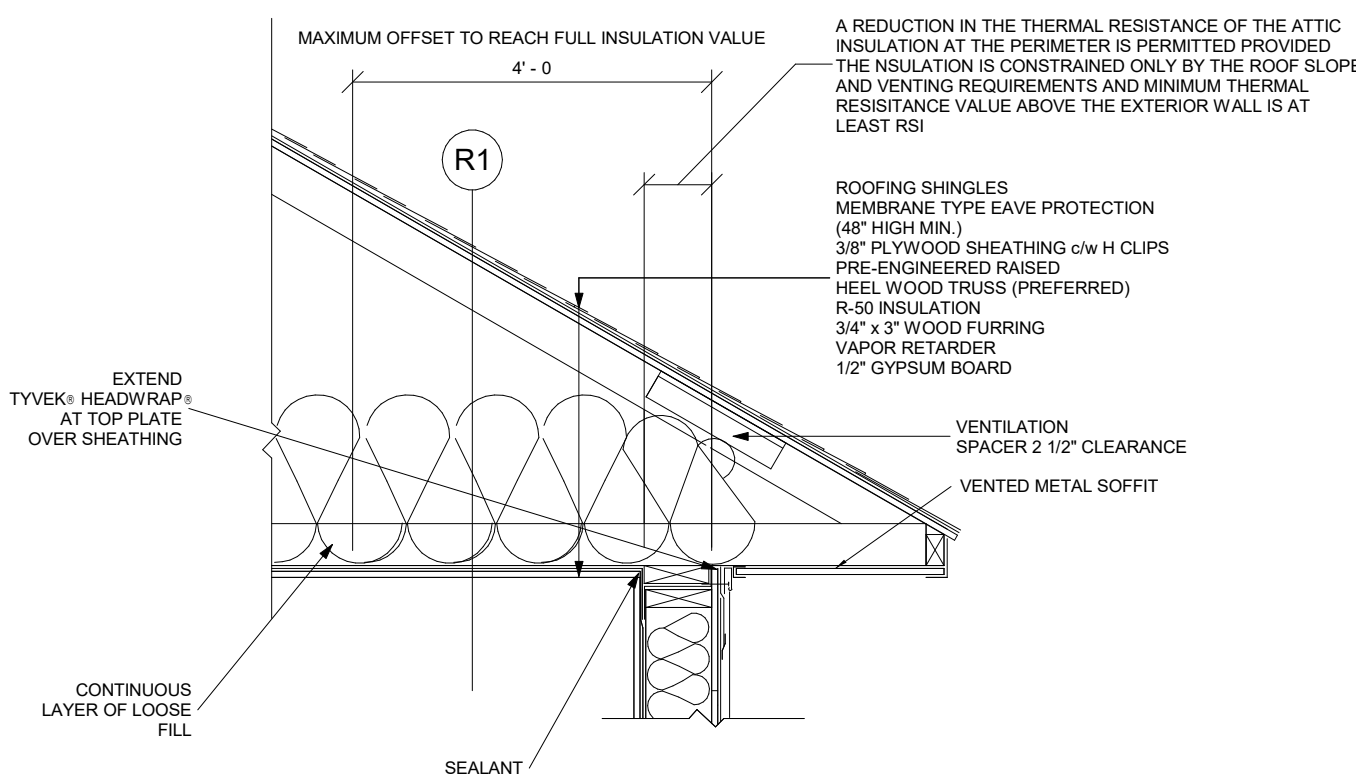
FENESTRATION (WINDOWS) AND DOORS TO HAVE AN OVERALL THERMAL TRANSMITTANCE (U-VALUE) NOT GREATER THAN THE VALUES LISTED IN TABLE 9.36.2.7.A. FOR CLIMATE ZONE 7A THE U VALUE MUST BE 1.60. WITH A MIN ENERGY RATING OF 25



"R1" CEILING BELOW ATTIC DETAIL & CLIMATE ZONE 7A
ENERGY ROOF ASSEMBLY DETAIL

MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE + RSI 8.67				2 X 6 STUDS @ 24" O.C			
				MM	RSI		
ASSEMBLY DESCRIPTION							
1.	EXTERIOR AIR FILM	-	0.03				
2.	ROOFING (ASPHALT SHINGLES)	-	0.08				
3.	3/8" PLYWOOD	9.5	0.083				
4.	AIR FILM	-	-				
5.	R-50 LOOSE-FILL INSULATION / F.G. WHERE REQ'D. (469.9mm x 0.01875 RSI/mm)	469.9	8.81				
6.	6 MIL (0.15mm) POLY VAPOUR BARRIER	-	-				
7.	1/2" GYPSUM BOARD	12.7	0.08				
8.	INTERIOR AIR FILM	-	0.11				
TOTAL EFFECTIVE INSULATION VALUE					RSI 9.19		

CEILING BELOW ATTIC ASSEMBLY **WITH** HEAT RECOVERY VENTILATION- ZONE 7A MIN RSI 8.67



ROOF DETAIL
SCALE: NTS

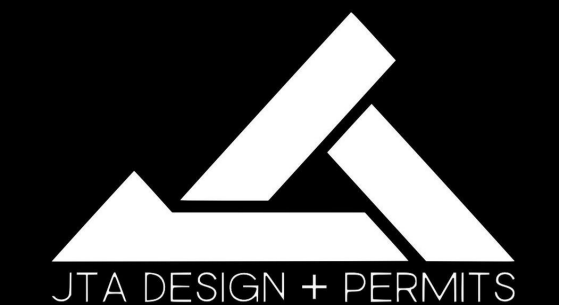
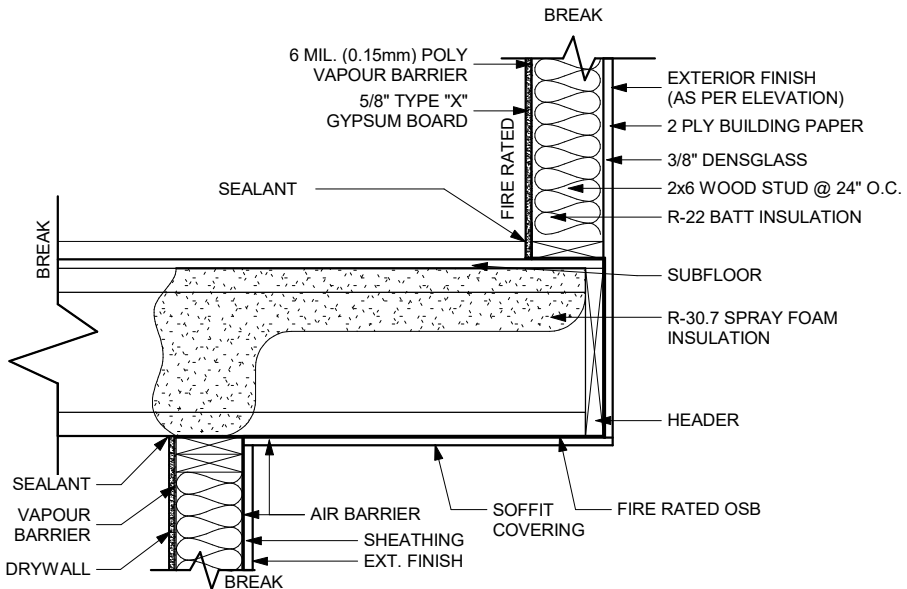
FLOOR SPACE AT CANTILEVER CLIMATE ZONE 7A
ENERGY FLOOR ASSEMBLY DETAIL

MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE +RSI 5.02				2 X 14" @ 19.2" O.C			
				MM	RSI		
ASSEMBLY DESCRIPTION							
1.	EXTERIOR AIR FILM	-	0.03				
2.	NON-VENTED ALUMINUM SOFFIT	-	-				
3.	2 PLY BUILDING PAPER	-	-				
4.	3/4" FIRE RATED OSB	19.05	0.16				
5.	2X14 I-JOISTS @ 19.2" O.C. (355.6mm x 0.0085 RSI/mm)	RSI _F = 3.02	% AREA OF FRAMING = 7.5%				
6.	6" SPRAY FOAM INSULATION (152.4mm x 0.036 RSI/mm)	RSI _C = 5.48	% AREA OF CAVITY = 92.5%				
7.	6 MIL (0.15mm) POLY VAPOUR BARRIER	-	-				
8.	1/2" GYPSUM BOARD	12.7	0.08				
9.	INTERIOR AIR FILM	-	0.16				
RSI = $\frac{100}{\text{parallel} (7.5(3.02) + (92.5(5.48))}$					5.16		
TOTAL EFFECTIVE INSULATION VALUE					RSI 5.54		

NON-VENTED ASSEMBLY **WITH** HEAT RECOVERY VENTILATION- ZONE 7A MIN RSI 5.02
CCMC #14140-L

CANTILEVER DETAIL
SCALE: NTS

CANTILEVER (ROOF/FLOOR)
CANTILEVERED FLOORS AND FLOORS OVER UNHEATED/EXTERIOR SPACE MUST BE MADE AIRTIGHT BY SEALING ALL JOINTS AND JUNCTIONS BETWEEN THE STRUCTURAL COMPONENTS, OR COVERING THE STRUCTURAL COMPONENTS WITH AN AIR BARRIER MATERIAL AND SEALING IT TO THE ADJACENT AIR BARRIER MATERIAL.



GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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FLOOR AREAS:

MAIN FLOOR AREA: -- SQ.FT.

UPPER FLOOR AREA: -- SQ.FT.

LOFT FLOOR AREA: -- SQ.FT.

TOTAL ABOVE GRADE: -- SQ.FT.

BASEMENT AREA: -- SQ.FT.

GARAGE AREA: -- SQ.FT.

DRAWING SET:

SHEET NAME:
Above Ground & Roof Detail

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:34 PM

SCALE: As indicated

PAGE:

A-5.0

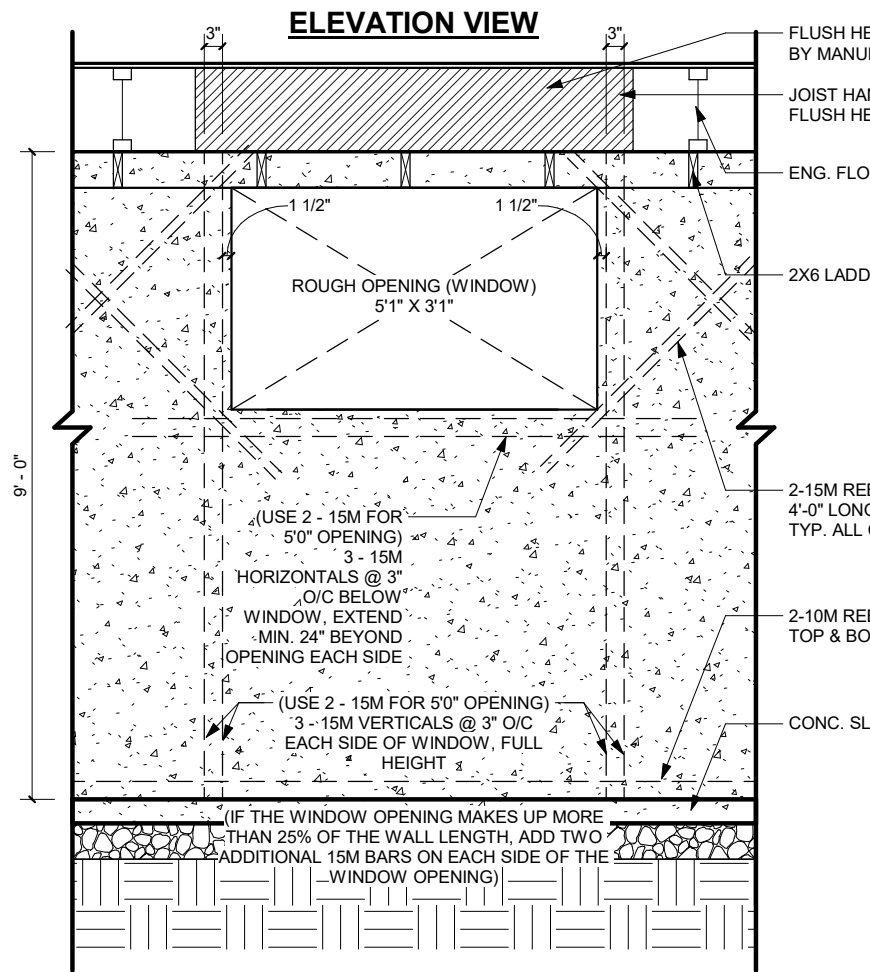
AS SHOWN

FOUNDATION DETAIL & CLIMATE ZONE 7A
ENERGY WALL ASSEMBLY DETAIL

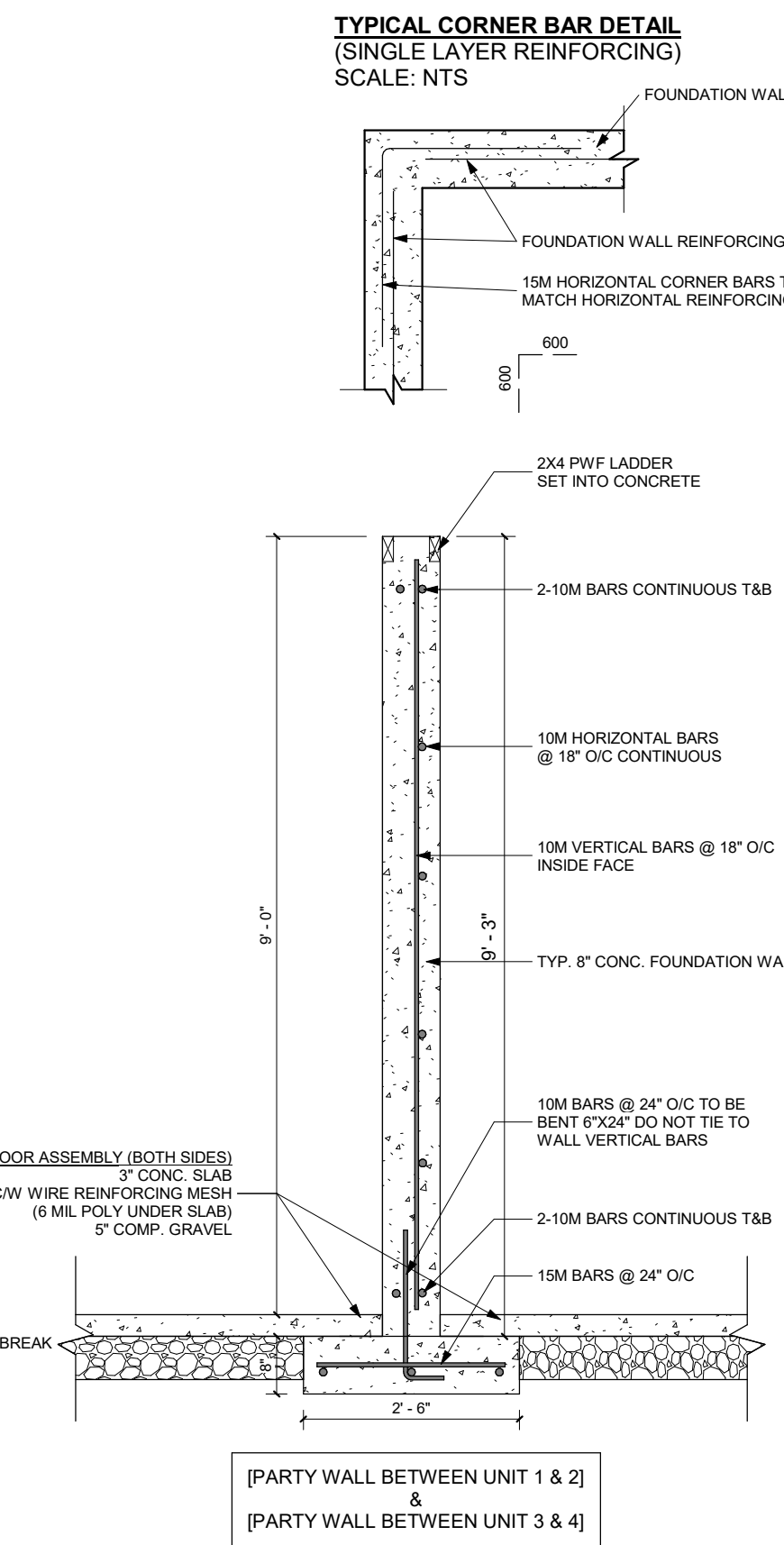
MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE =RSI 2.98		
2 X 6 STUDS @ 24" O/C		
ASSEMBLY DESCRIPTION	MM	RSI
1. EXT. WATERDAMP-PROOFING	-	-
2. CONCRETE WALL	203	0.08
3. AIR CAVITY IN FRAMING	25.4	0.18
4. 2X6 STUDS @ 24" O.C. (140mm x 0.086 RSI/mm)	RSI ₁ = 1.19 % AREA OF FRAMING=13%	
5. R-20 FIBERGLASS BATT INSULATION (140mm THICK; RSI 3.52)	RSI ₂ = 3.34 % AREA OF CAVITY=87%	
6. 6 MIL (0.15mm) POLY VAPOUR BARRIER	-	-
7. 1/2" GYPSUM WALL BOARD	12.7	0.08
8. INTERIOR AIR FILM	-	0.12
RSI = $\frac{100}{\frac{1}{13/1.19} + (87/3.52)}$		
TOTAL EFFECTIVE INSULATION VALUE		
3.26		

BELOW GRADE WALL ASSEMBLY WITH HEAT RECOVERY VENTILATION- ZONE 7A MIN RSI 2.98
CCMC #14149-L

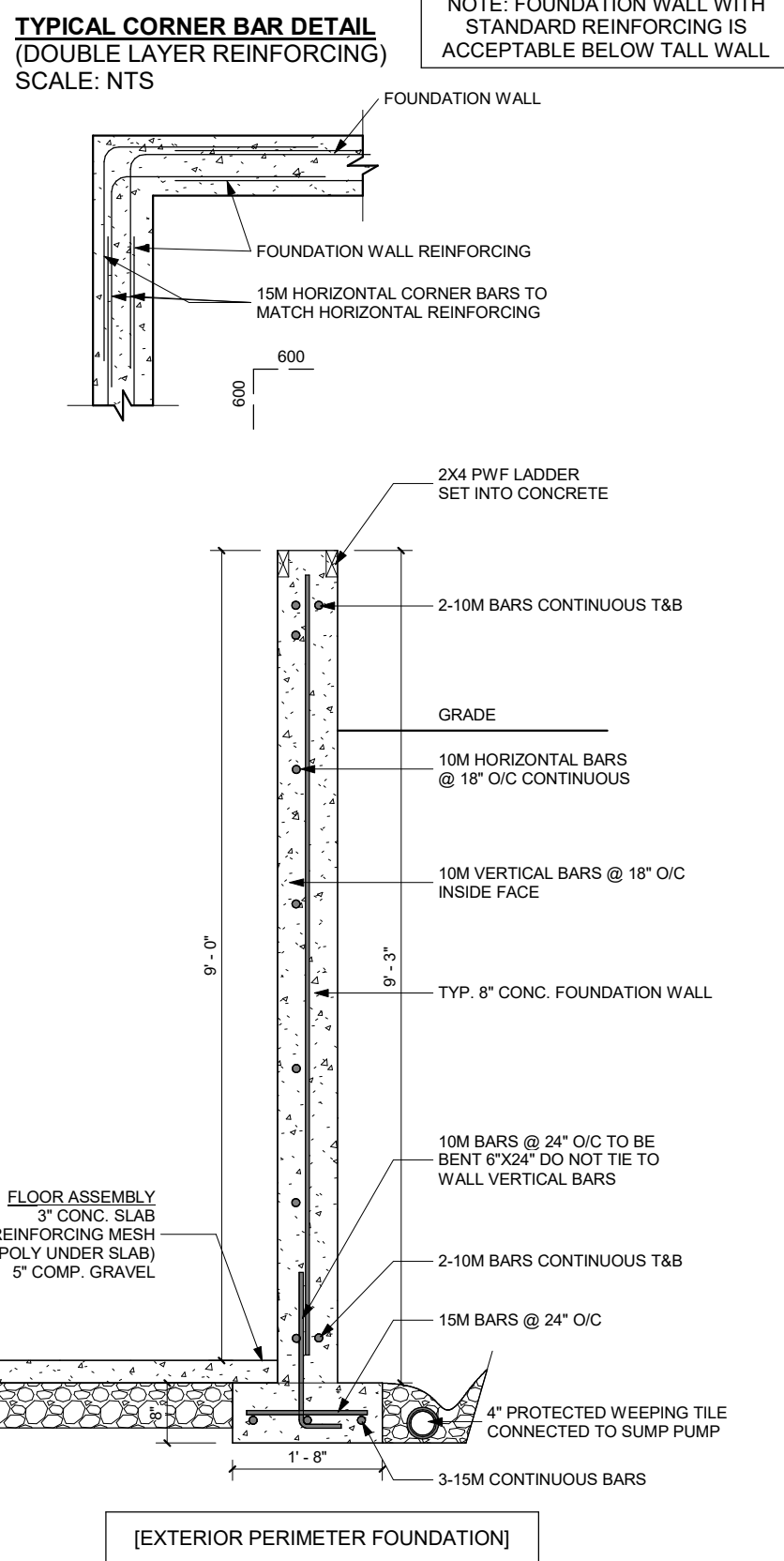
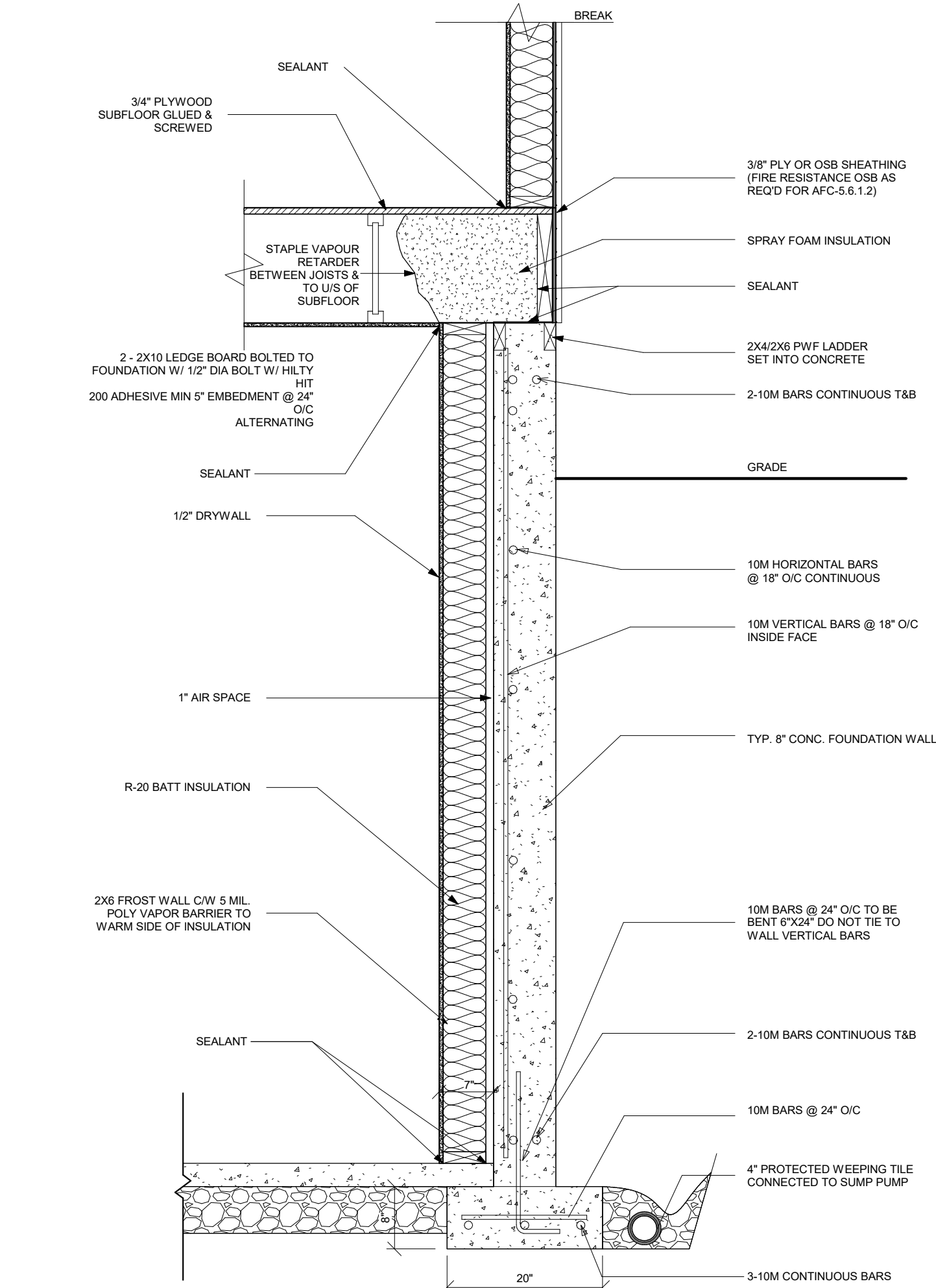
"E2" FOUNDATION DETAIL
SCALE: NTS



FOUNDATION WINDOW REINFORCEMENT DETAIL
SCALE: NTS

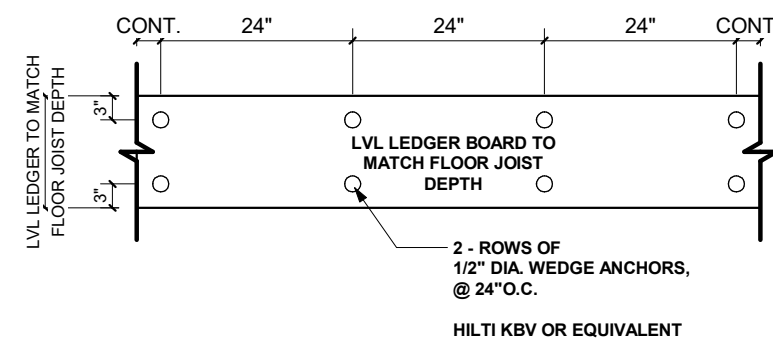


TALL WALL/PARTY WALL FOUNDATION DETAIL
SCALE: NTS

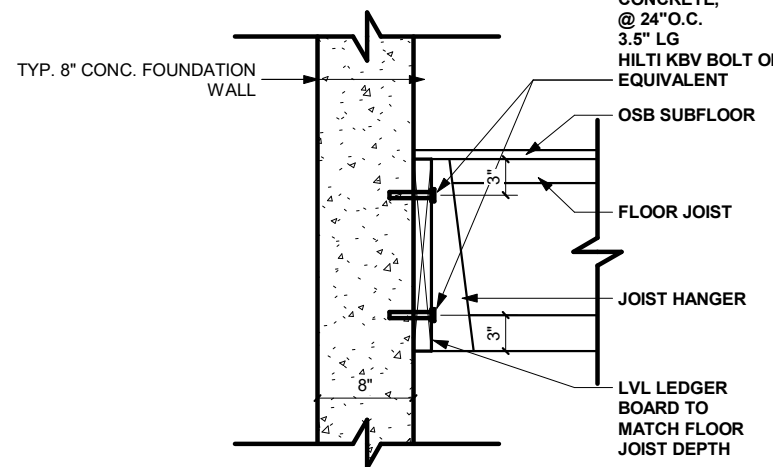


NOTE: FOUNDATION WALL WITH STANDARD REINFORCING IS ACCEPTABLE BELOW TALL WALL

25 MPA CONCRETE STRENGTH AT 28 DAYS C/W TYPE 50
CEMENT UNLESS RECOMMENDED OTHERWISE BY
GEOTECHNICAL ENGINEER



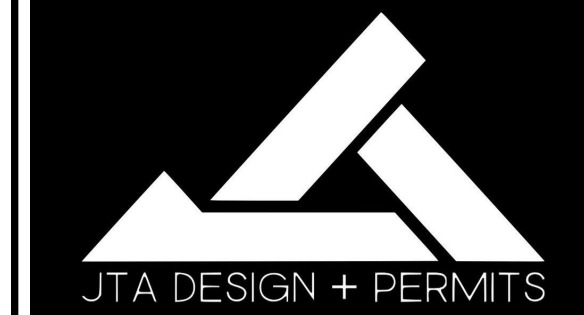
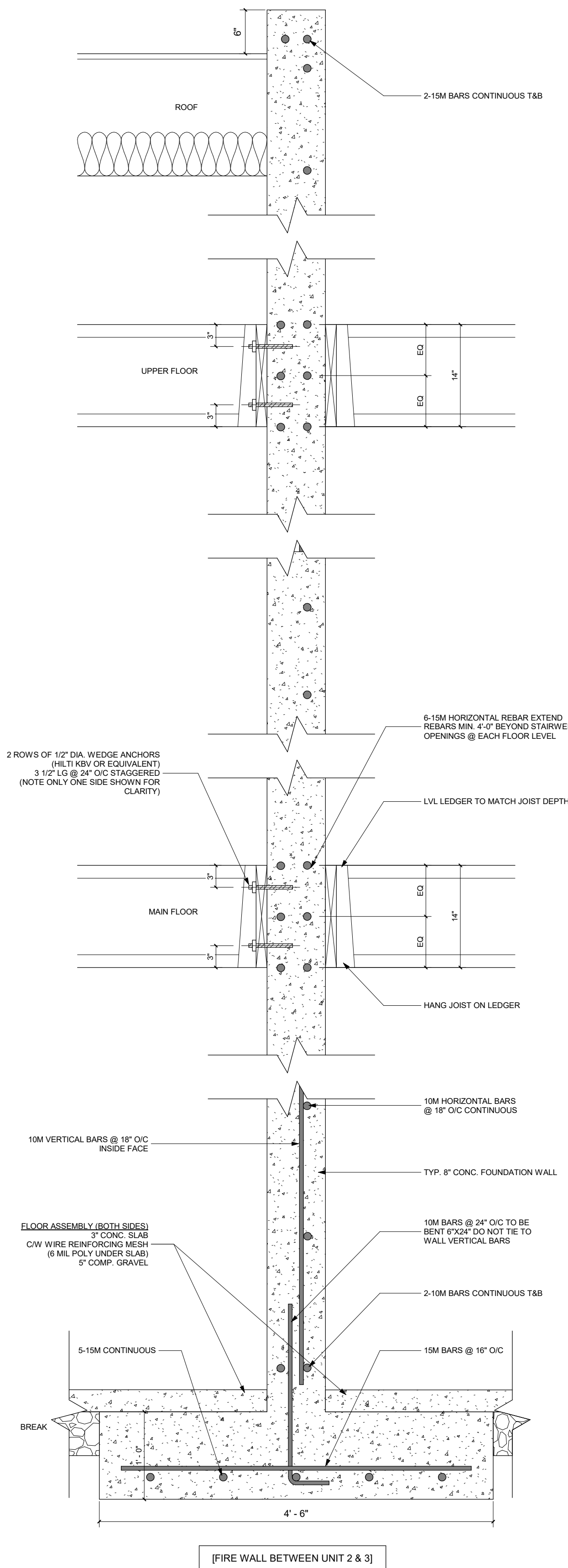
LEDGER BOARD CONNECTION DETAIL A
SCALE: NTS



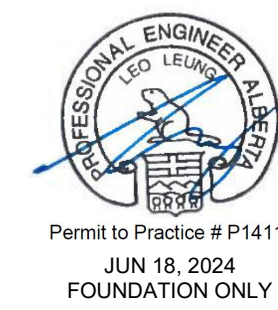
LEDGER BOARD CONNECTION DETAIL B
SCALE: NTS

25 MPA CONCRETE STRENGTH AT 28 DAYS C/W TYPE 50
CEMENT UNLESS RECOMMENDED OTHERWISE BY
GEOTECHNICAL ENGINEER

CANULC-S101
DESIGN #U930



GENERAL NOTES:



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2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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LOFT FLOOR AREA: -- SQ.FT.

TOTAL ABOVE GRADE: -- SQ.FT.

BASEMENT AREA: -- SQ.FT.

GARAGE AREA: -- SQ.FT.

DRAWING SET:

SHEET NAME:
Foundation Detail

DESIGN BY: JT

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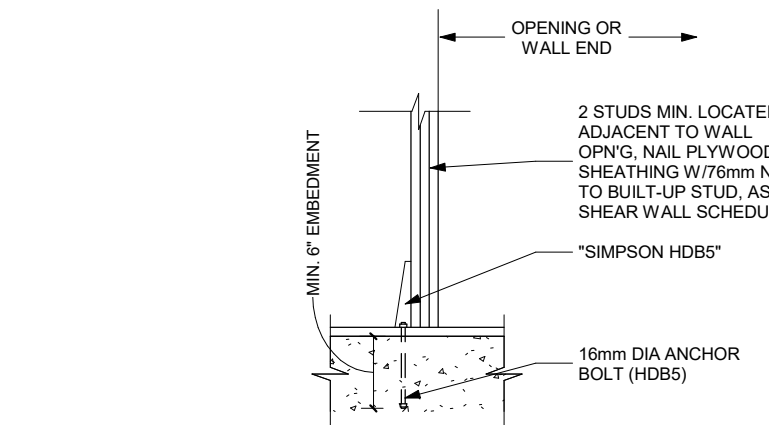
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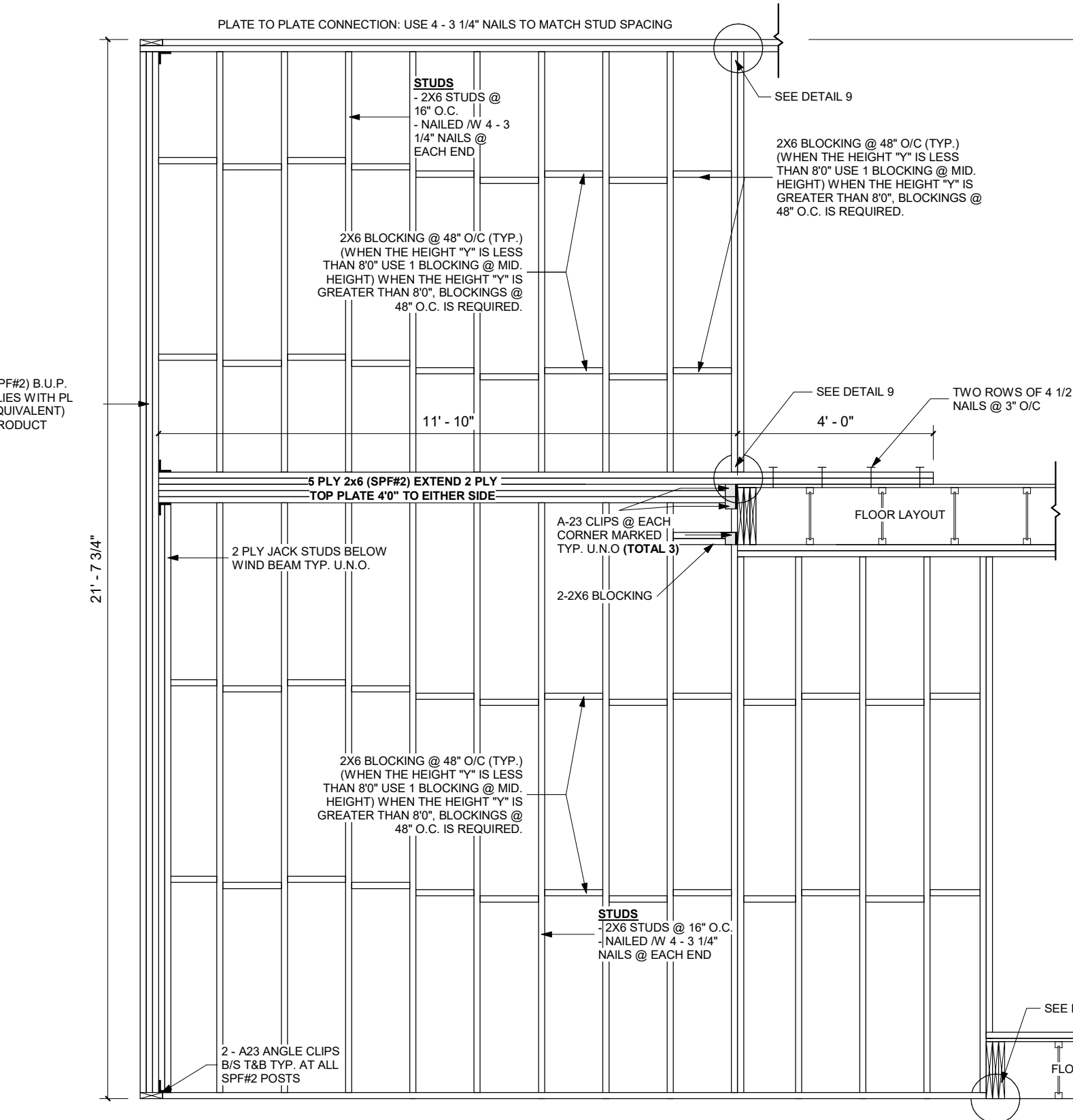
TALL WALL DETAIL & CLIMATE ZONE 7A
ENERGY WALL ASSEMBLY DETAIL

MINIMUM REQUIRED EFFECTIVE THERMAL RESISTANCE - RSI 3.08			
2 X 6 STUDS @ 16" O.C.	MM	RSI	
ASSEMBLY DESCRIPTION			
1. EXTERIOR AIR FILM	-	0.03	
2. STUCCO AND WIRE MESH	-	-	
3. 2 PLY BUILDING PAPER	-	0.011	
4. 3/8" PLYWOOD	9.5	0.083	
5. 2X6 STUDS @ 16" O.C. (140mm x 0.085 RSI/mm)	RSI = 1.19 F	% AREA OF FRAMING=20%	
6. R-24 FIBERGLASS BATT INSULATION (140mm THICK, RSI 4.23)	RSI = 4.23 C	% AREA OF CAVITY=77%	
7. 6 MIL (0.15mm) POLY VAPOUR BARRIER	-	-	
8. 1/2" GYPSUM WALL BOARD	12.7	0.08	
9. INTERIOR AIR FILM	-	0.12	
TOTAL EFFECTIVE INSULATION VALUE			
RSI = $\frac{100}{\frac{23(1.19) + (77(4.23))}{2.86}}$			
ABOVE GRADE WALL ASSEMBLY WITH HEAT RECOVERY VENTILATION - ZONE 7A MIN RSI 2.97			

TALL WALL DETAIL
SCALE: NTS



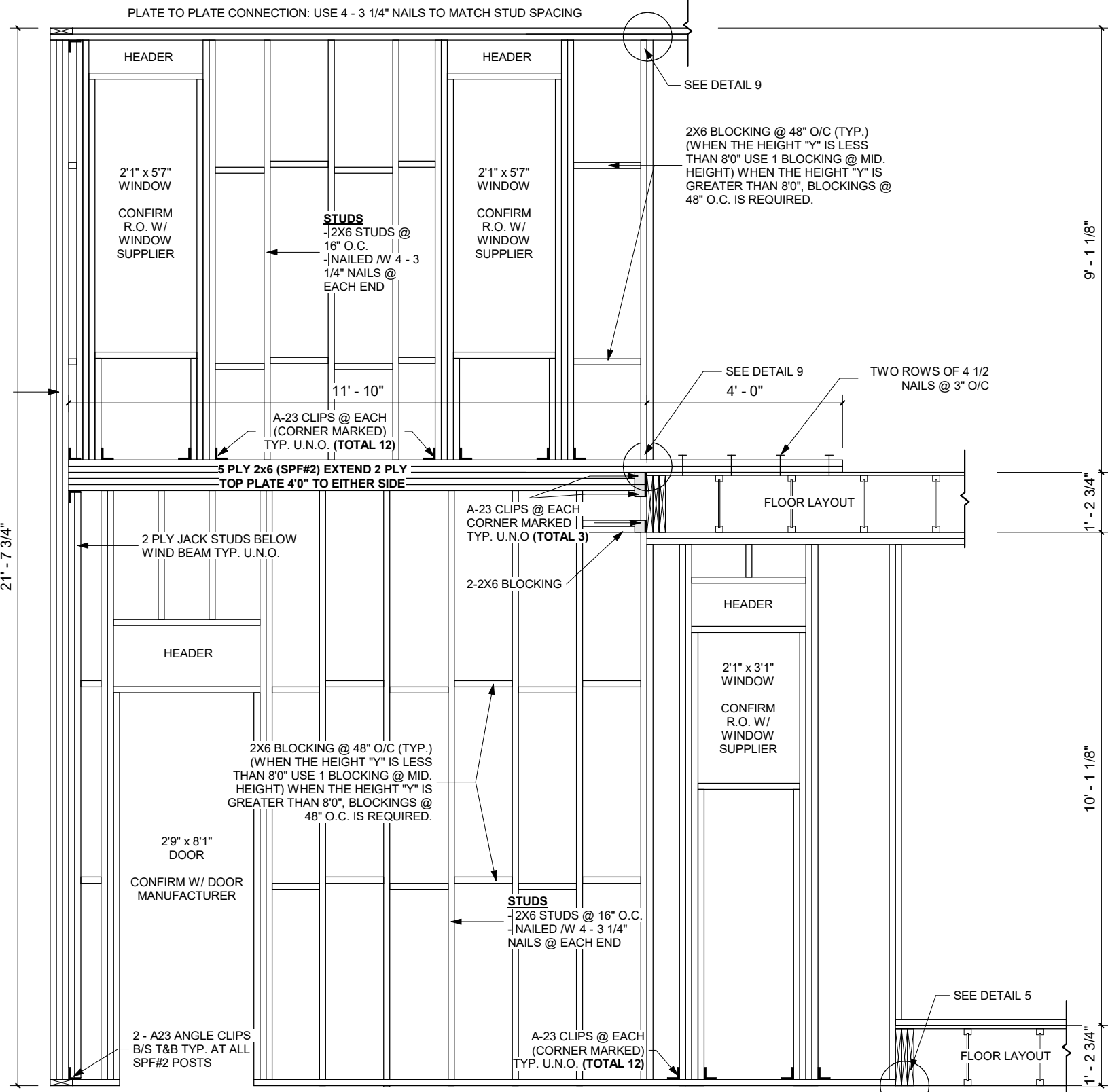
TYPICAL HOLD DOWN DETAILS
SCALE: NTS



TALL WALL 2
SCALE: NTS

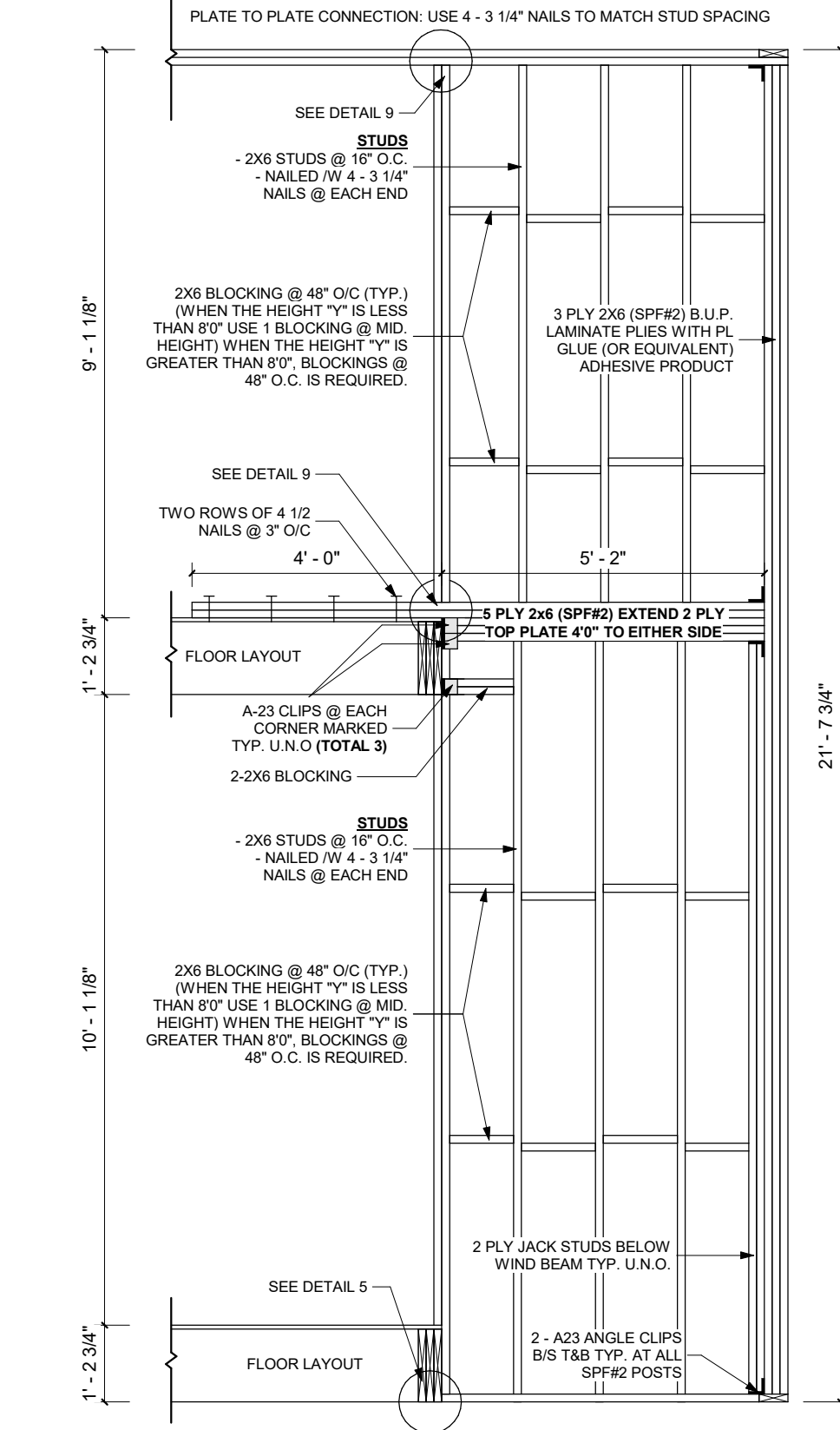
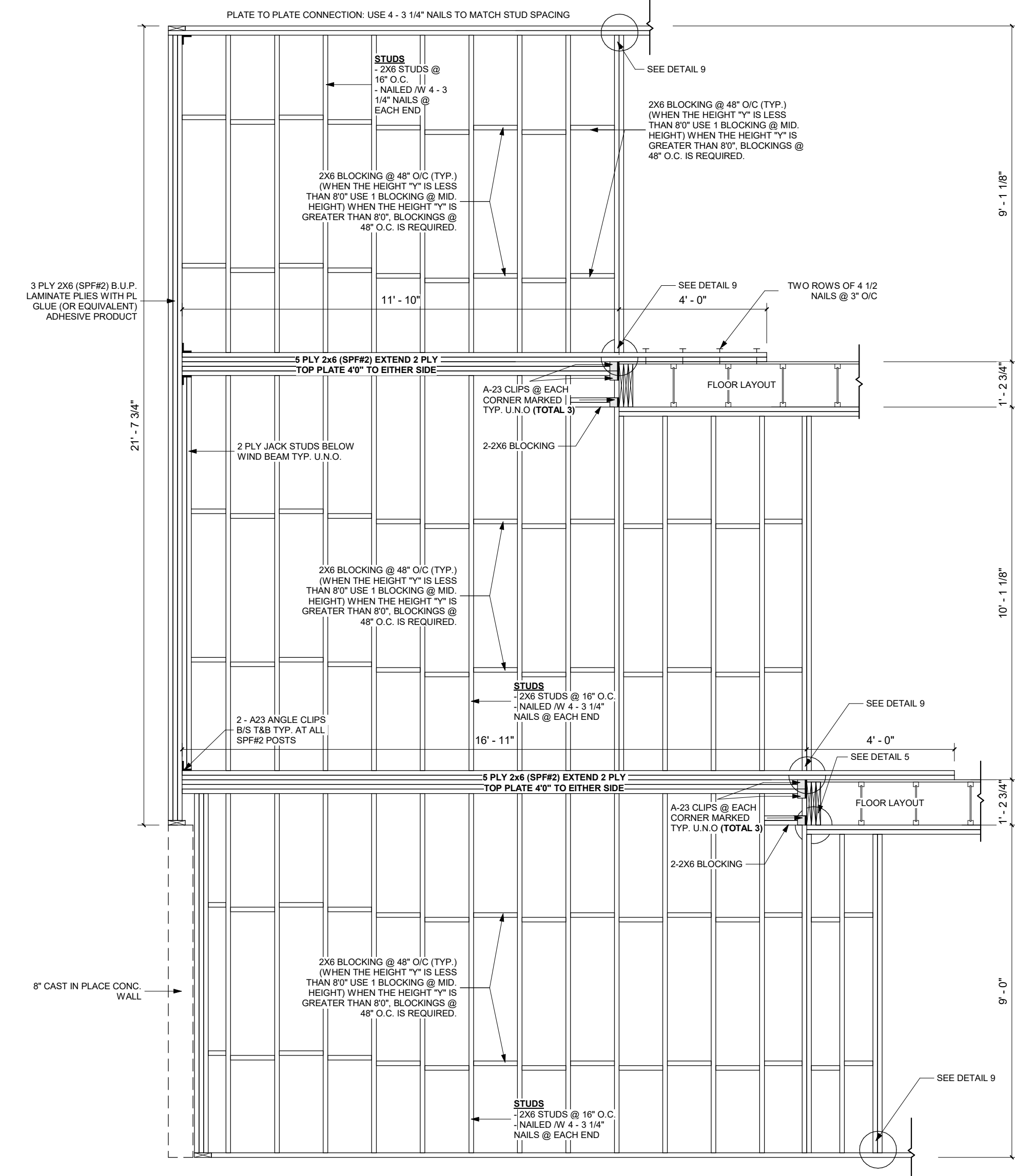
ENGINEERED TALL WALL GENERAL NOTES:

1. ALL STUDS SHALL BE NAILED WITH MIN. 4 NAILS @ EACH STUD END USING 3 1/4" x 0.131" (126) COMMON WIRE/SPIRAL (U.N.O.).
2. KING STUDS (MORE THAN 3 PLY) SHALL BE FASTENED USING SDS SIMPSON WOOD SCREWS (OR EQUIVALENT) @48" O.C. ON EACH SIDE STAGGERED OR THREADED ROD/THROUGH BOLT @48" O.C.
3. USE TWO A23 SIMPSON FRAMING ANGLES (OR EQUIVALENT) AT EACH KING STUD TO PLATE CONNECTION.
4. STUDS, PLATES, JAMBS, AND LINTELS ARE ASSUMED TO BE SPF#2 OR BETTER.
5. A SHEATHED ON THE EXTERIOR WITH MIN. 3/8" OSB OR PLYWOOD SHEATHING OR 1/2" DRYWALL. OSB AND PLYWOOD SHEATHING TO BE NAILED WITH MIN. 1 1/2" STAPLES @ 4" O.C. AT EDGES OF SHEATHING PANEL AND 12" O.C. ELSEWHERE OR 2" COMMON WIRE NAILS @ 8" O.C. AT EDGES AND 12" O.C. ELSEWHERE. DRYWALL TO BE SCREWED WITH MIN. 1 1/4" DRYWALL SCREWS AT 8" O.C. AT EDGES OF SHEATHING PANEL AND 12" O.C. ELSEWHERE. PROVIDE VERTICAL WALL BLOCKING @ EVERY 4 FT O.C. OR
6. SHEATHED ON THE EXTERIOR WITH 5/8" GYPSUM SHEATHING WITH VERTICAL WALL BLOCKING @ EVERY 4 FT O.C. SCREW WITH MIN. 1 5/8" BUGLE HEAD, RUST-RESISTANT, COARSE THREAD SHARP POINT SCREW @ 4" O.C. AT EDGES OF SHEATHING PANEL AND 8" O.C. ELSEWHERE.
7. PROVIDE STUDS UNDER ORDER TRUSS LOCATION (NUMBER OF STUDS NEEDED = ORDER PILES + 1).
8. AT TALL WALL CORNERS, EXTEND SHEATHING 5 1/2' OVER FROM ADJACENT WALL AND NAIL SHEATHING AT THE CORNER TO ADJACENT WALL WITH 2 ROWS OF 2" C.W.N. (OR 1 1/2" STAPLE) @ 12" O.C.
9. PRESSURE TREATED LUMBER IS REQUIRED WHEN WALL COME IN DIRECT CONTACT WITH CONCRETE.
10. THE TALL WALL HAVE BEEN DESIGNED IN ACCORDANCE WITH STANDATA AND THE NATIONAL BUILDING CODE (AE) 2023.
11. THIS ENGINEERED TALL WALL WILL BE ASSEMBLE ON SITE.

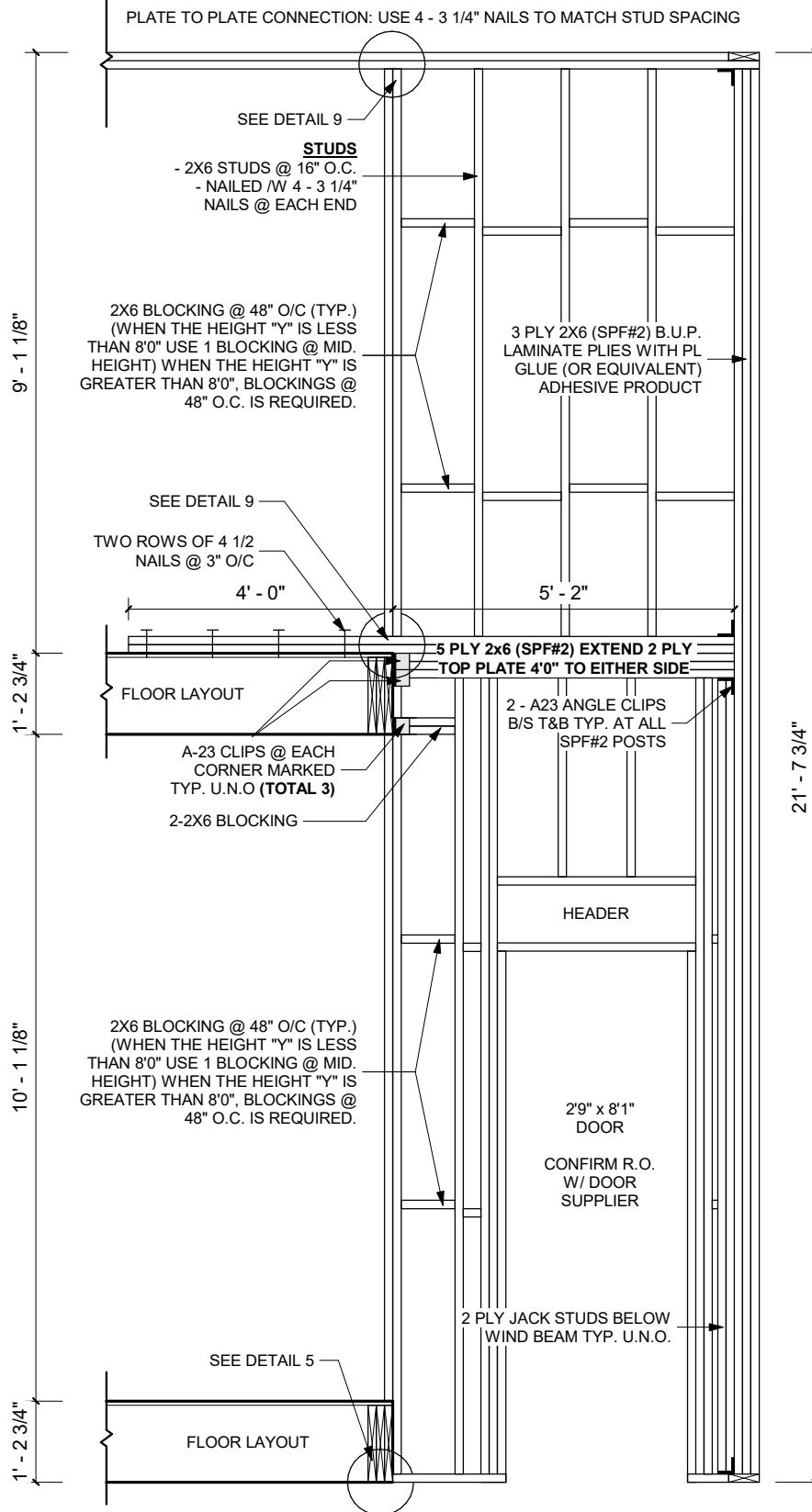


TALL WALL 1
SCALE: NTS

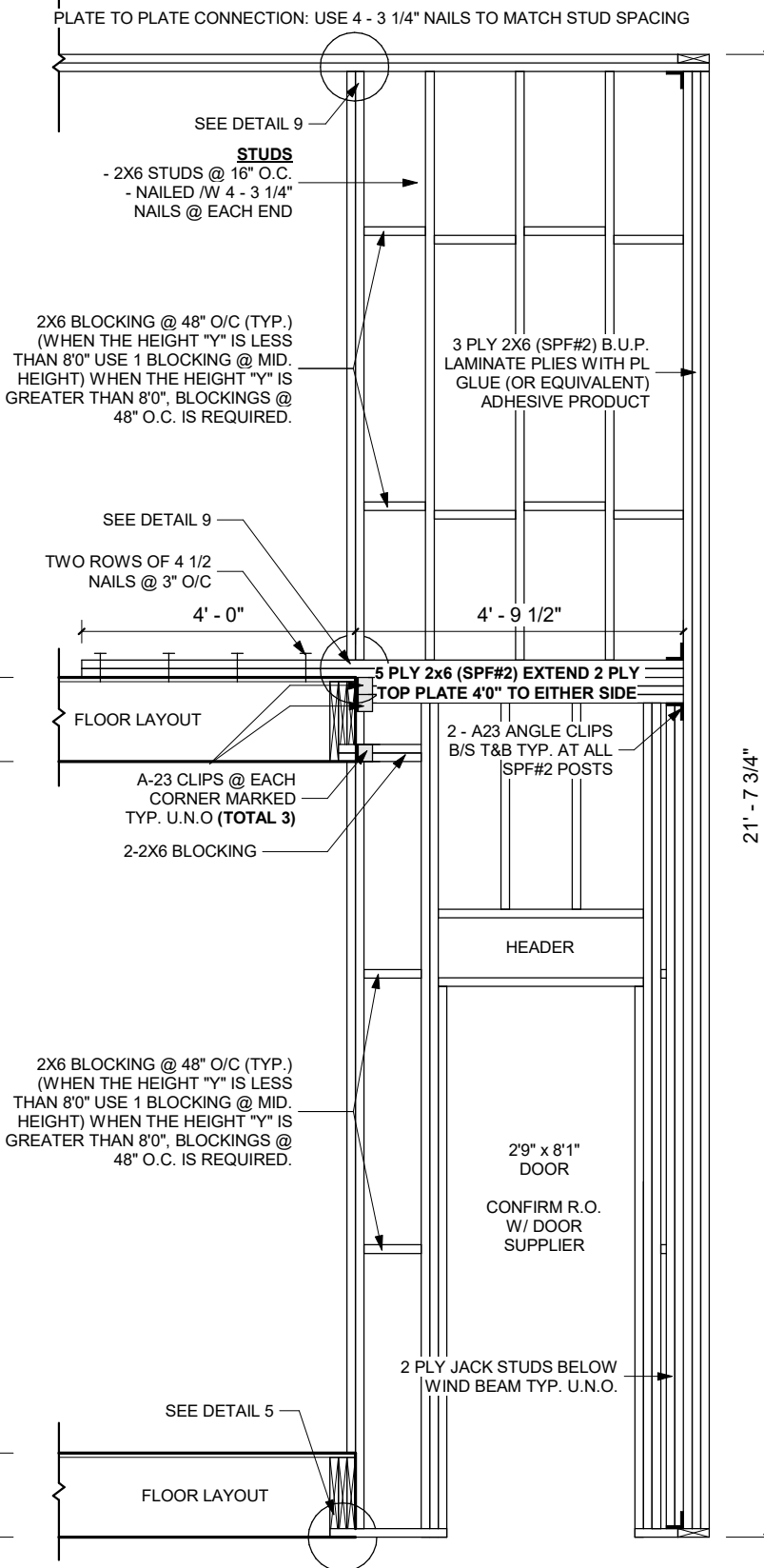
TALL WALL 3
SCALE: NTS



TALL WALL 4
SCALE: NTS



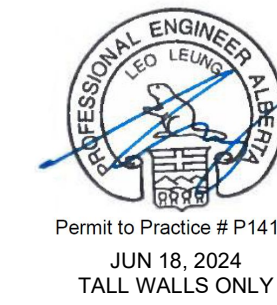
TALL WALL 5
SCALE: NTS



TALL WALL 6
SCALE: NTS



GENERAL NOTES:



MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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FLOOR AREAS:	
MAIN FLOOR AREA:	-- SQ.FT.
UPPER FLOOR AREA:	-- SQ.FT.
LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Tall Wall Details

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:36 PM

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A-5.2

GENERAL NOTES

Permit to Practice # P14112
JUN 18, 2024
TALL WALLS ONLY

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

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174-23

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FLOOR AREAS:

MAIN FLOOR AREA: _____ - SQ. FT.

UPPER FLOOR AREA: - SQ.FT.

LOFT FLOOR AREA: _____ - SQ.FT.

TOTAL ABOVE GRADE: _____ - SQ.FT.

BASEMENT AREA: _____ - SQ.FT.

GARAGE AREA: _____ SQ.FT.

DRAWING SET:

SHEET NAME:
Tall Wall Detail 2

DESIGN BY: JT

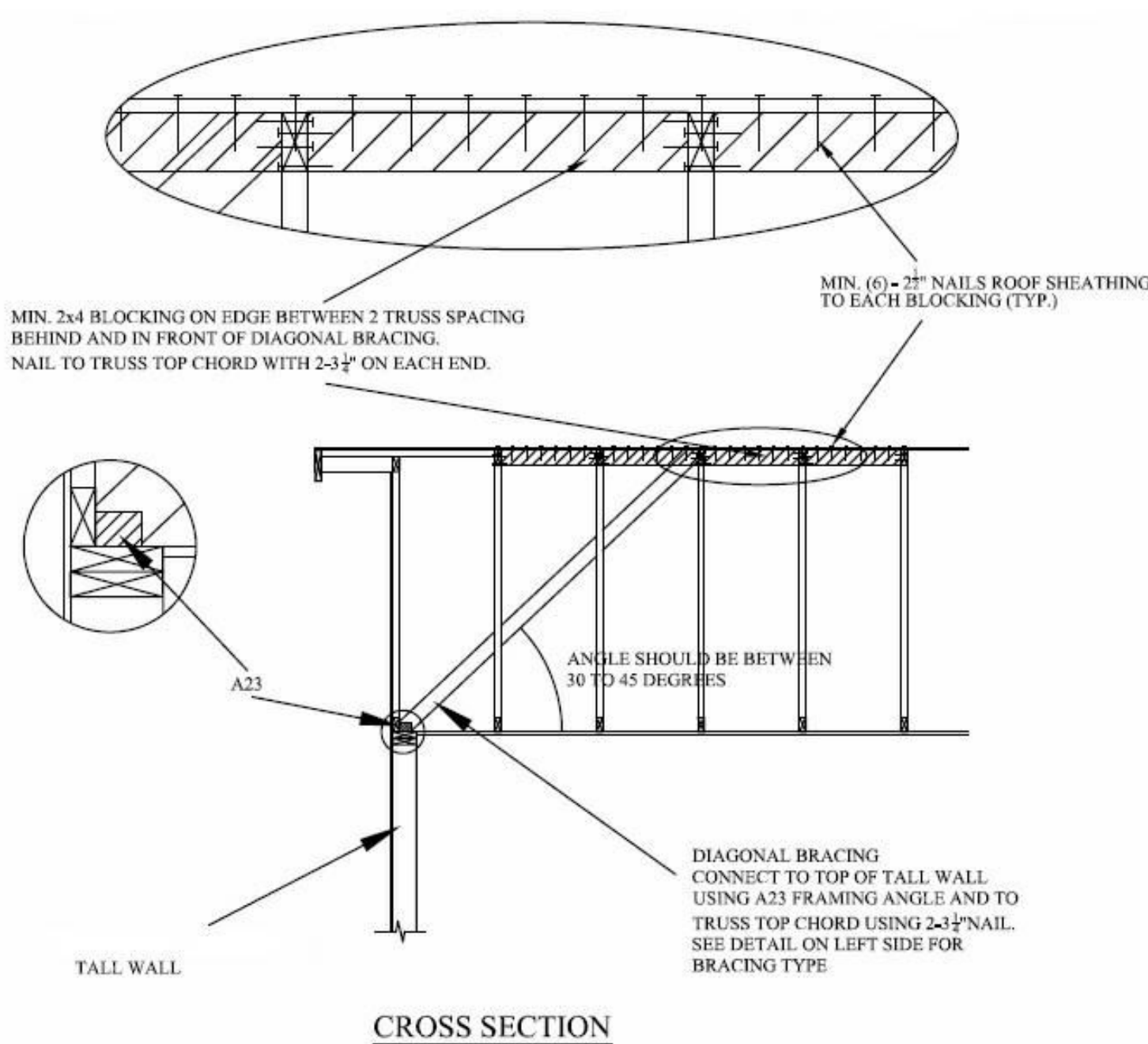
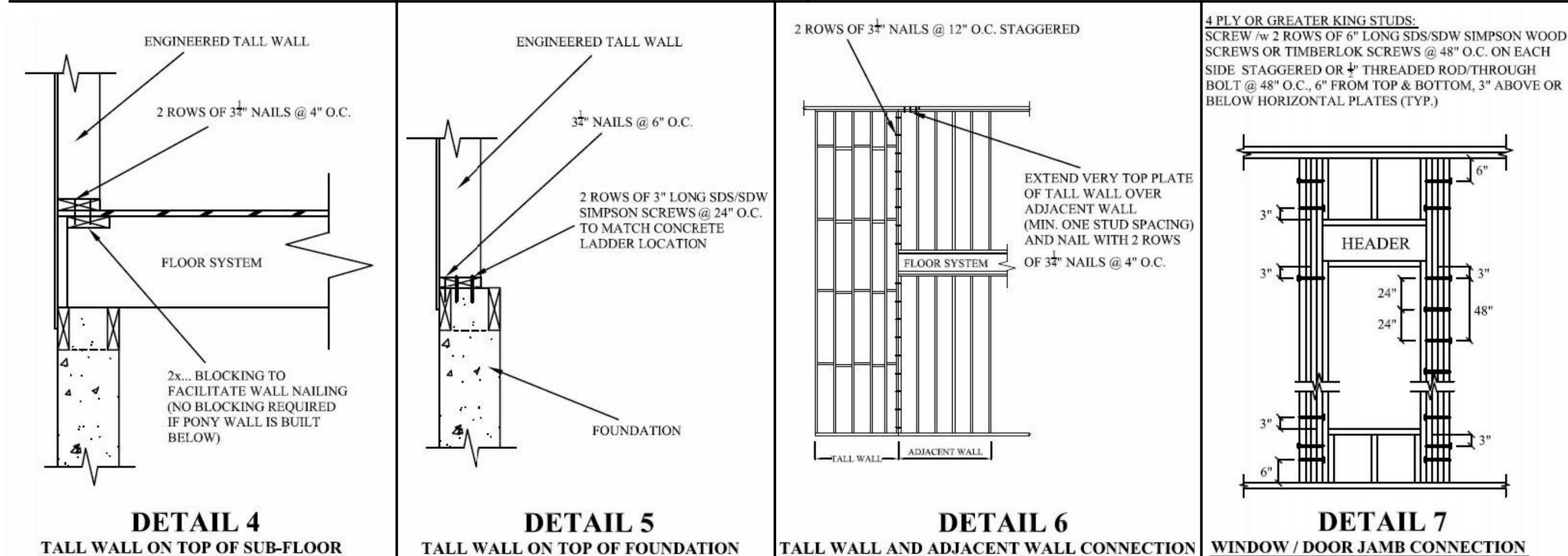
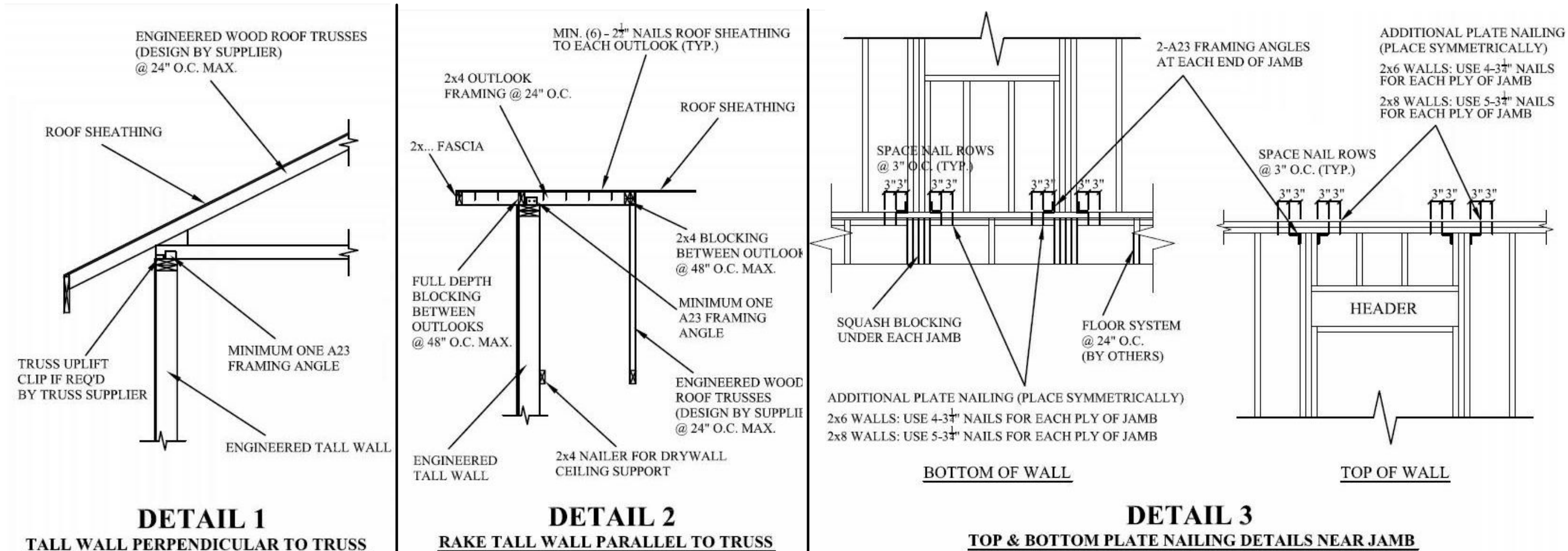
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SCALE: $3/4" = 1'-0"$

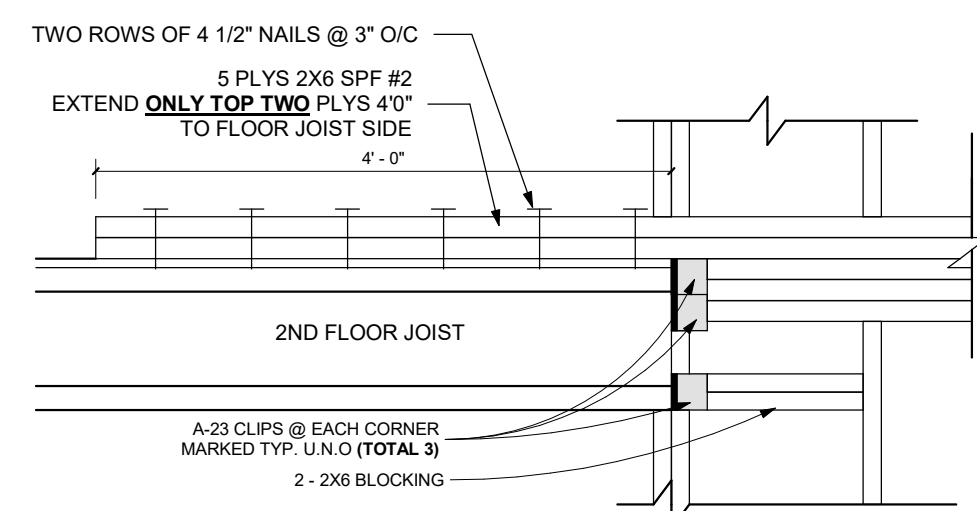
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A-5.3



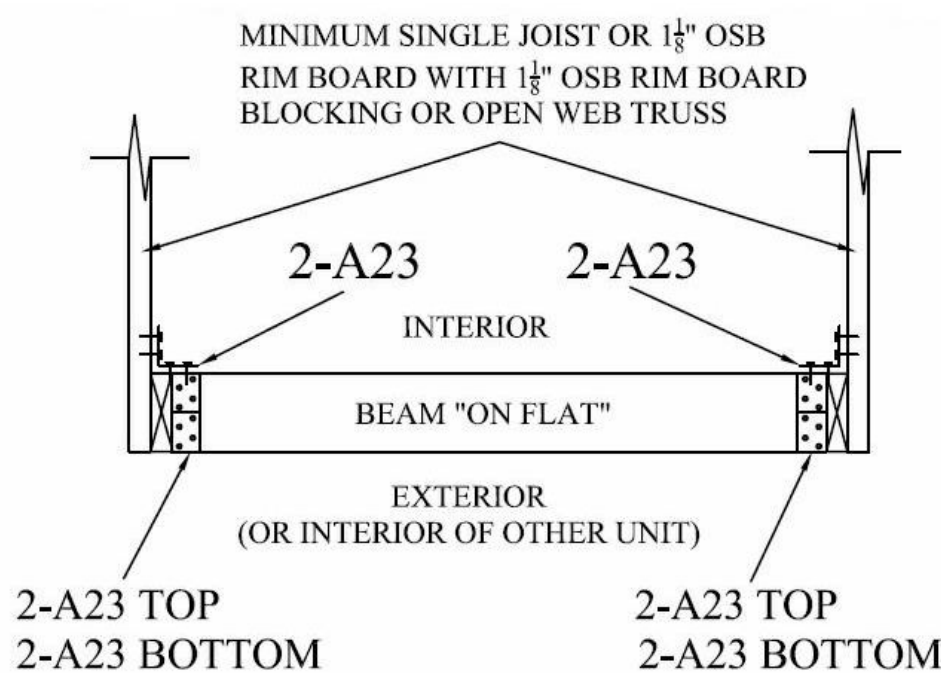
NOTE:

1. THE BRACING SHOULD RUN CONTINUOUSLY FROM TOP OF TALL WALL TO
2. UNDERSIDE OF ROOF SHEATHING, BUTTING AGAINST TRUSS TOP CHORD.
3. SHIFT BRACING LEFT OR RIGHT TO AVOID TRUSS WEB INTERFERENCE.
4. DO NOT NOTCH, CUT, OR DAMAGE ANY PART OF THE TRUSS.
5. 2 AND 3 PLY BRACING SHALL BE NAILED TOGETHER USING $\frac{3}{4}$ " NAILS @ 8" O.C. STAGGERED
6. BRACING SHALL BE SPACED @ 24" O.C. MAX.
7. BOTTOM OF TRUSS IS TO BE BRACED IN ACCORDANCE WITH TRUSS MANUFACTURE
8. RECOMMENDATION.



DETAIL 9
LVL PLATE TOP CONNECTION TO FLOOR SYSTEM

AS SHOWN



TOP VIEW - BEAM "ON FLAT" TO FLOOR CONNECTION

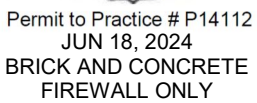
V3.0



NOTE: CONCRETE FIRE WALLS ARE DESIGNED TO REMAIN STRUCTURALLY INTACT IN THE EVENT OF A FIRE OCCURRING IN ONE UNIT



GENERAL NOTES



MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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02.	06/12/23	REVISIONS	AD.
03.	13/05/24	BP PLANS	S.P.
04.	--	--	--
05.	--	--	--
06.	--	--	--

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FLOOR AREAS:

UPPER FLOOR AREA: _____ - SQ.FT.

TOTAL ABOVE GRADE: - SQ.FT.

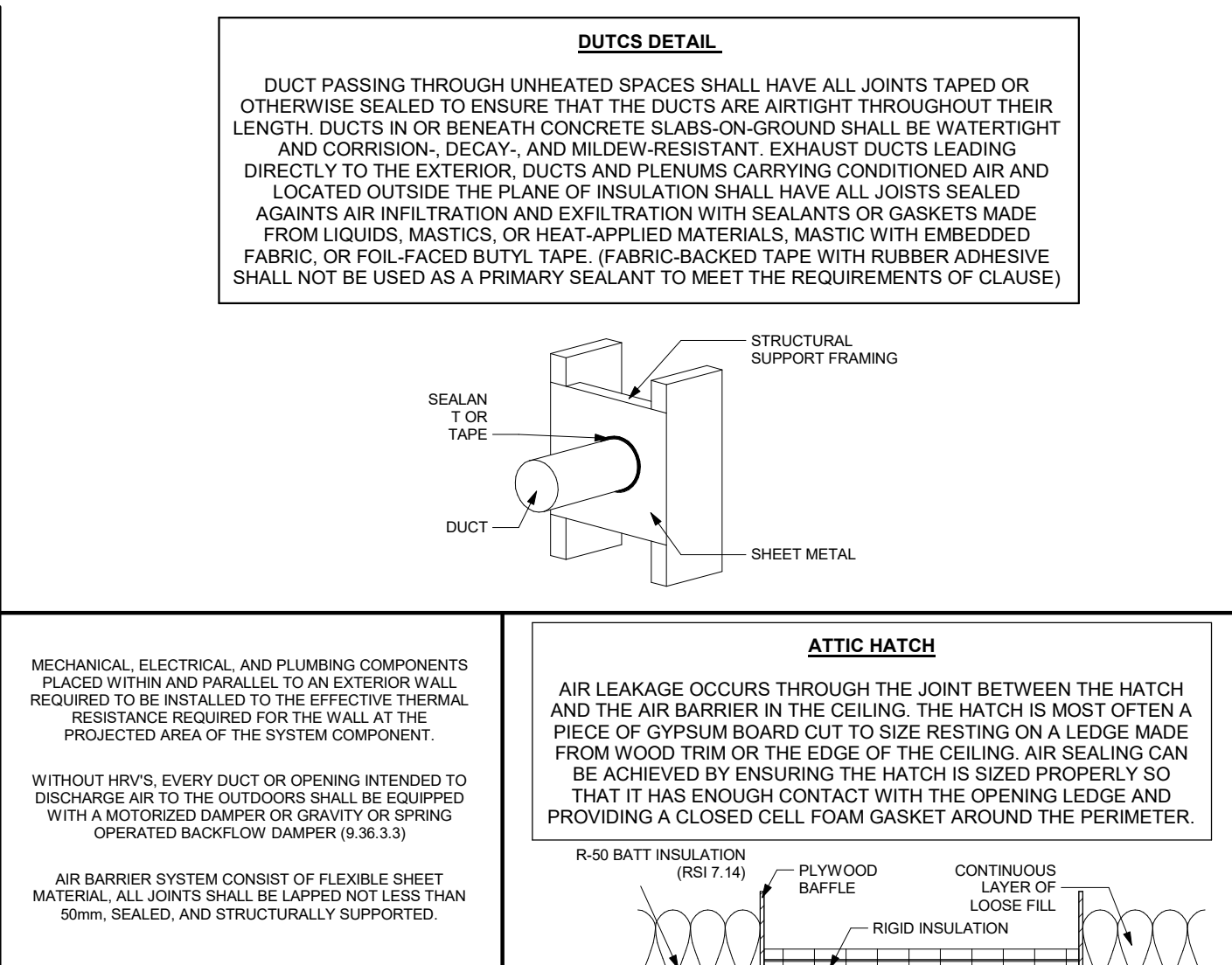
GARAGE AREA: _____ - SQ. FT.

DRAWING SET:

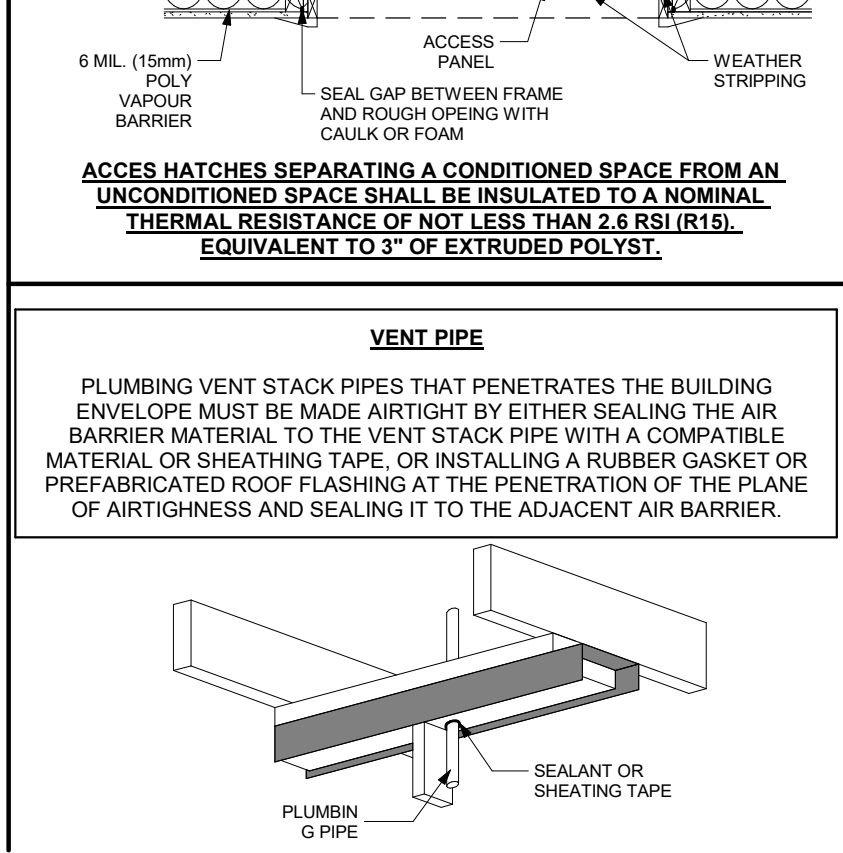
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LAST REVISION DATE: 2024-05-10 13:54:50 PM

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CANTILEVER DETAIL
SCALE: NTS

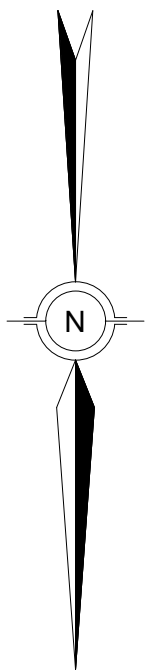


WINDOW JAMB DETAIL
SCALE: NTS

HRV SPECIFICATION

TECHNICAL DATA SHEET
SCALE: NTS

PAGE:



ELECTRICAL SCHEDULE				
DATA OUTLET	SINGLE SWITCHING	CEILING FIXTURE	SMOKE DETECTOR	
TV OUTLET	STANDARD PLUG	WALL SCONES	BATH FAN	
3-WAY SWITCHING	4-WAY SWITCHING	GFI PLUG	POT LIGHTING	

GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

LEGAL LAND DESCRIPTION:
LOT: BLOCK: PLAN:

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02.	06/12/23	REVISIONS	AD
03.	13/05/24	BP PLANS	S.P.
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05.	--	--	--
06.	--	--	--

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FLOOR AREAS:

MAIN FLOOR AREA: -- SQ.FT.

UPPER FLOOR AREA: -- SQ.FT.

LOFT FLOOR AREA: -- SQ.FT.

TOTAL ABOVE GRADE: -- SQ.FT.

BASEMENT AREA: -- SQ.FT.

GARAGE AREA: -- SQ.FT.

DRAWING SET:

SHEET NAME:
Basement electrical

DESIGN BY: JT

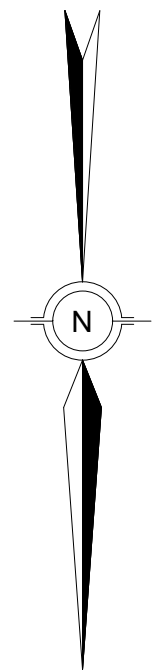
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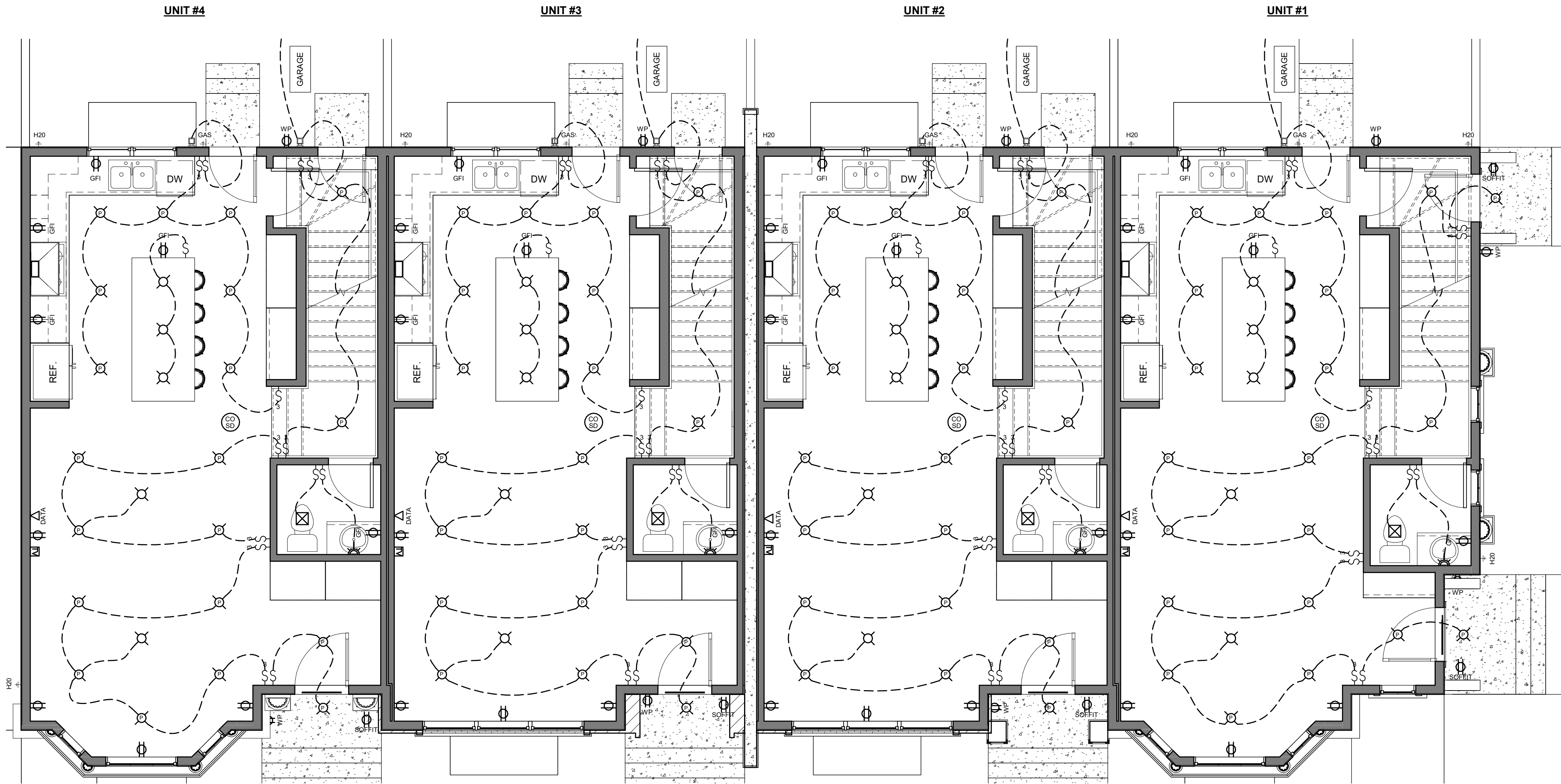
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PAGE:

E-1.0



ELECTRICAL SCHEDULE				
DATA OUTLET	SINGLE SWITCHING	CEILING FIXTURE	SMOKE DETECTOR	
TV OUTLET	STANDARD PLUG	WALL SCONES	BATH FAN	
3-WAY SWITCHING	4-WAY SWITCHING	GFI PLUG	POT LIGHTING	



GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
CALGARY, ALBERTA

PROJECT:
FOUR UNIT ROWHOUSE

PROJECT NUMBER:
174-23

STATUS:
CONCEPT

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LOFT FLOOR AREA:	-- SQ.FT.
TOTAL ABOVE GRADE:	-- SQ.FT.
BASEMENT AREA:	-- SQ.FT.
GARAGE AREA:	-- SQ.FT.

DRAWING SET:

SHEET NAME:
Main Electrical

DESIGN BY: JT

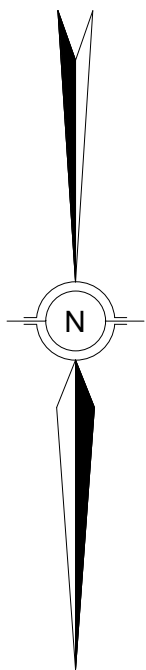
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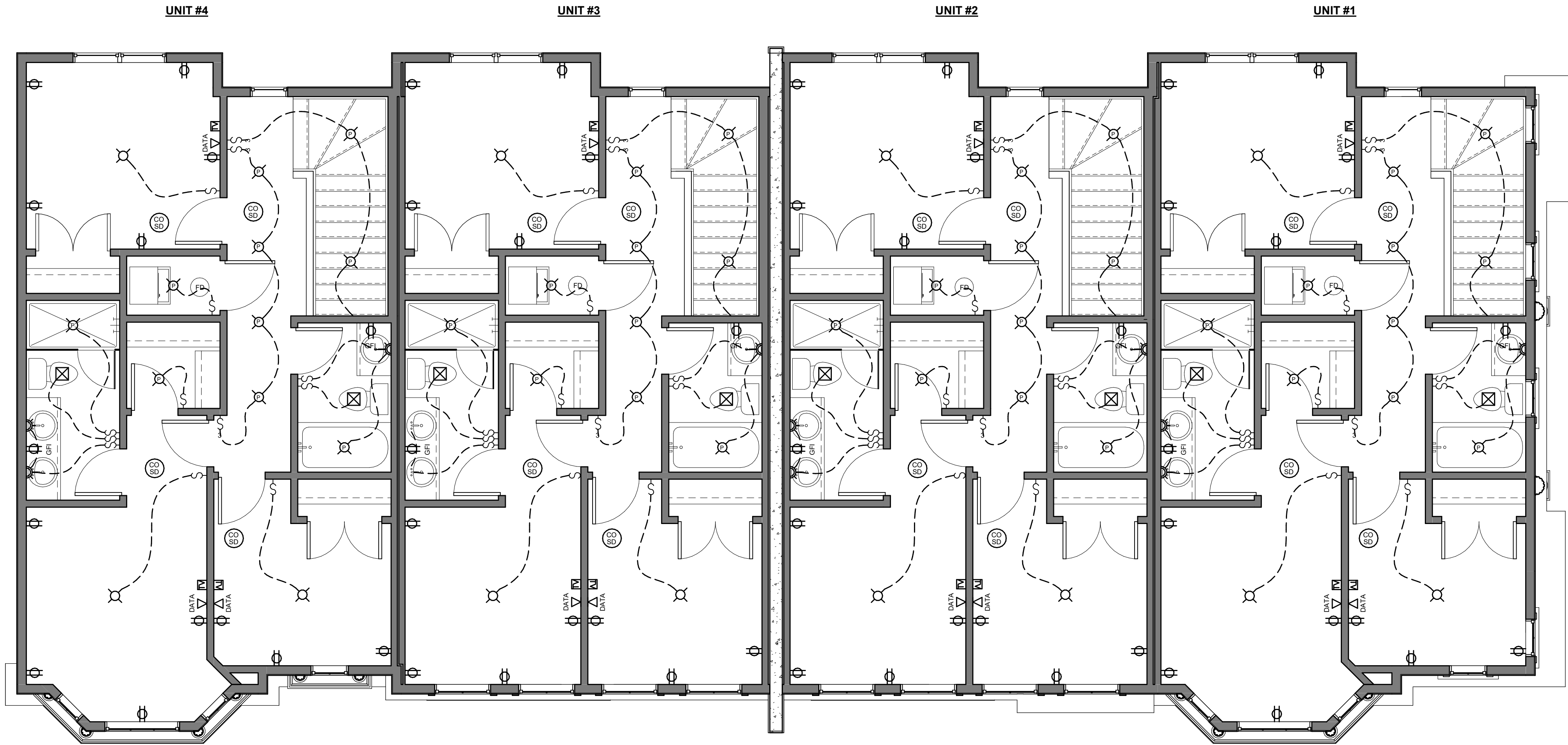
SCALE: As indicated

PAGE:

E-1.1



ELECTRICAL SCHEDULE				
DATA OUTLET	SINGLE SWITCHING	CEILING FIXTURE	SMOKE DETECTOR	
TV OUTLET	STANDARD PLUG	WALL SCONES	BATH FAN	
3-WAY SWITCHING	4-WAY SWITCHING	GFI PLUG	POT LIGHTING	



GENERAL NOTES:

MUNICIPAL ADDRESS:
2502 16a Street S.E.
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PROJECT:
FOUR UNIT ROWHOUSE

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174-23

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LOFT FLOOR AREA: -- SQ.FT.

TOTAL ABOVE GRADE: -- SQ.FT.

BASEMENT AREA: -- SQ.FT.

GARAGE AREA: -- SQ.FT.

DRAWING SET:

SHEET NAME:
Upper Electrical

DESIGN BY: JT

DRAWN BY: JT

LAST REVISION DATE: 2024-06-18 1:34:41 PM

SCALE: As indicated

PAGE:

E-1.2