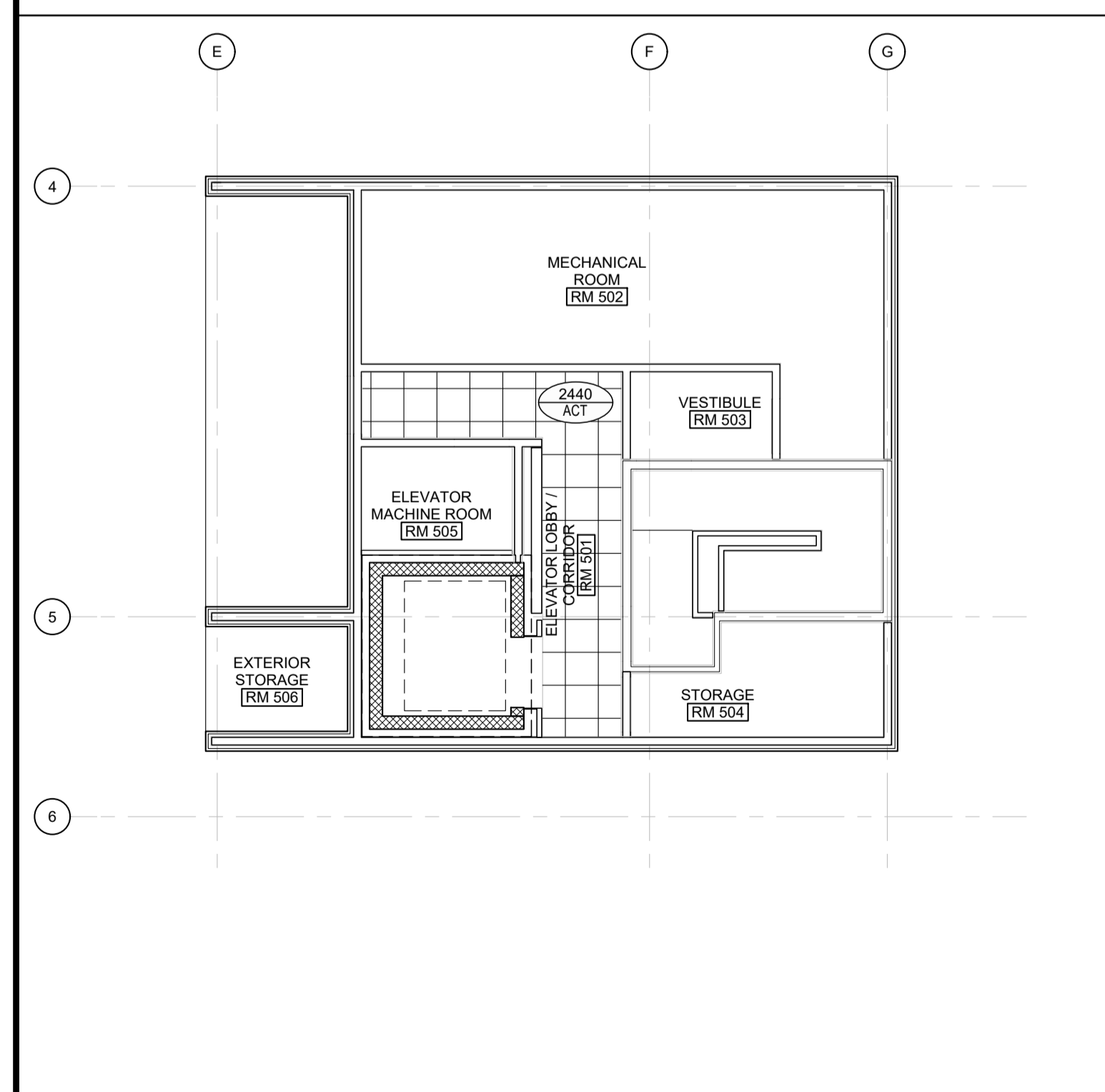
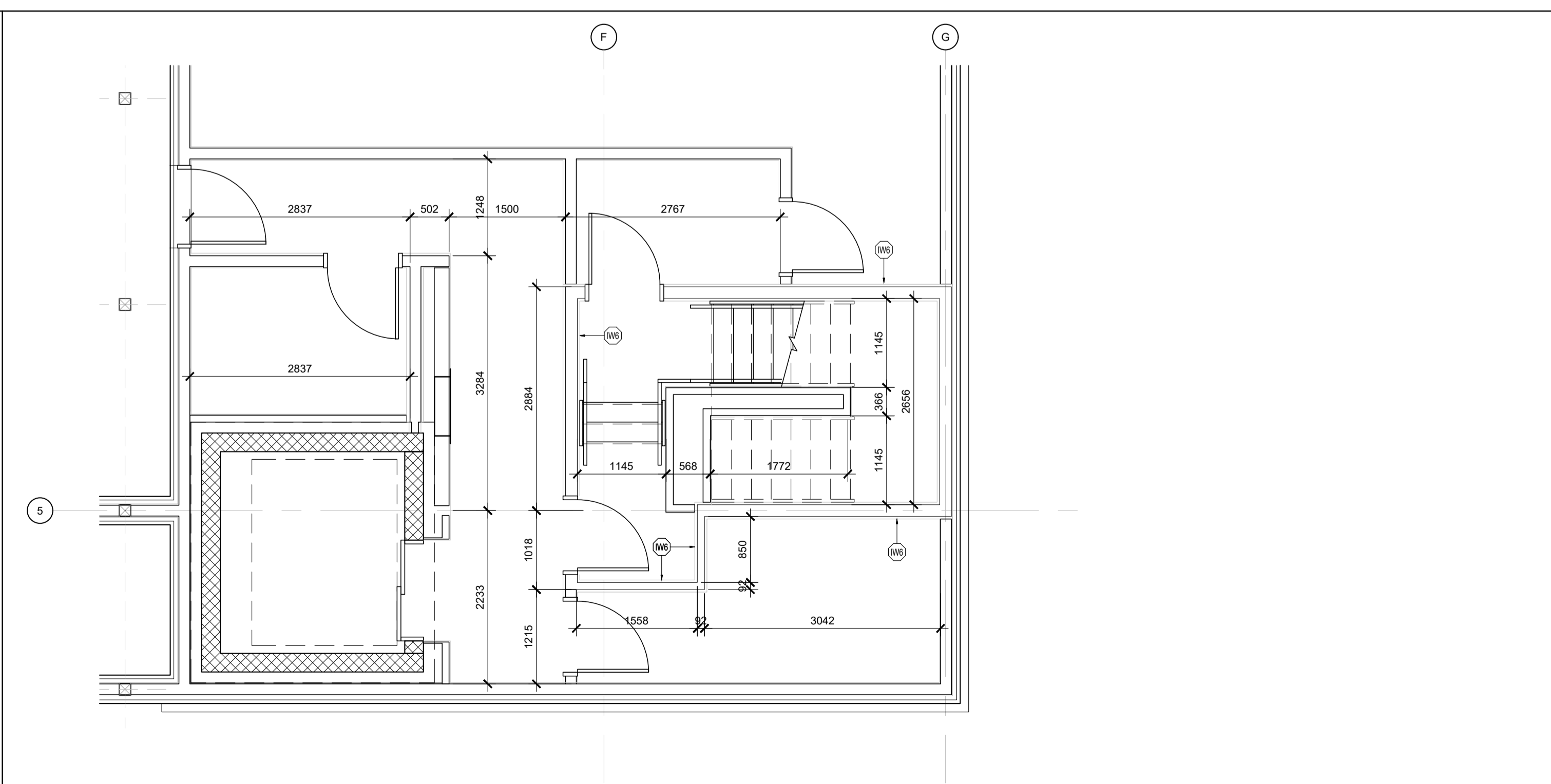


1 ROOF ACCESS & ROOF PLAN
SCALE: 1 : 100



2 REFLECTED CEILING PLAN
SCALE: 1 : 100



3 FLOOR PLAN: INTERIOR LAYOUT
SCALE: 1 : 50

WALL ASSEMBLY FRR LEGEND:

- 1.5 HOUR FIRE RESISTANCE RATING, REFER TO ASSEMBLY SCHEDULE
- 1 HOUR FIRE RESISTANCE RATING, REFER TO ASSEMBLY SCHEDULE
- WHERE OBC SB-2 IS REFERENCED TO ACHIEVE THE REQUIRED MINIMUM FRR, THE FOLLOWING COMPONENT RATINGS WERE USED VIA THE ADDITIVE METHOD:
 - 2x13mm TYPE 'X' GYPSUM BOARD: 80 min (TABLE 2.3.4 A)
 - 16mm TYPE 'X' GYPSUM BOARD: 40 min (TABLE 2.3.4 A)
 - 13mm TYPE 'X' GYPSUM BOARD: 25 min (TABLE 2.3.4 A)
 - WOOD STUDS: 20 min (TABLE 2.3.4 E)
 - FULL DEPTH INSULATION: 15 min (TABLE 2.3.4 G)

INTERIOR WALL ASSEMBLIES:

(W1) PARTY WALL

- 2 LAYERS 13mm TYPE 'X' GYPSUM BOARD
- 13mm RESILIENT FURRING CHANNEL
- 38x140 WOOD STUD FRAMING @ 400mm o/c w/ FULL DEPTH INSULATION
- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH OBC SB-2, STC RATING: 53, OBC SB-3, W6c

* NOTE: MAKE THE FOLLOWING SUBSTITUTION AT SHEAR-WALLS (REFER TO STRUCTURAL)

- 2 LAYERS STRUCTURAL SHEATHING
- 16mm TYPE 'X' GYPSUM BOARD

(W2) INTERIOR WALL: 1HR FRR

- 16mm TYPE 'X' GYPSUM BOARD
- 38x89 or 140 WOOD STUD FRAMING @ 400mm o/c w/ FULL DEPTH INSULATION
- 16mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH OBC SB-2.

(W3) INTERIOR WALL

- 16mm GYPSUM BOARD
- 38x89 or 140 WOOD STUD FRAMING @ 400mm o/c
- 16mm GYPSUM BOARD

(W4) INTERIOR WALL, ONE-SIDED FINISH

- 16mm GYPSUM BOARD
- 38x89, 140 or 184 WOOD STUD FRAMING @ 400mm o/c

(W5) CORRIDOR WALL

- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD
- 13mm RESILIENT FURRING CHANNEL @ 600mm o/c
- 140mm WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION
- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH ULC U334, STC RATING: 62

NOTE: 16mm TYPE 'X' GYPSUM BOARD PERMITTED TO BE SUBSTITUTED w/ 13mm TYPE 'X' GYPSUM BOARD UNDER OBC SB-2, c/w STC RATING: min 55, OBC SB-3, W6d

(W6) STAIR ENCLOSURE WALL

- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD
- 92mm or 152mm STEEL STUDS @ 400mm o/c, c/w FULL DEPTH MINERAL FIBRE INSULATION
- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD

1.5 HOUR FRR ACHIEVED THROUGH ULC W453, STC RATING: 59, OBC SB-3, S9a

NOTE: 16mm TYPE 'X' GYPSUM BOARD PERMITTED TO BE SUBSTITUTED w/ 13mm TYPE 'X' GYPSUM BOARD UNDER OBC SB-2, c/w STC RATING: 57, OBC SB-3, S9b

(W7) SHAFT WALL

- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD
- 64mm C-H STUDS @ 600mm o/c c/w 25mm GYPSUM LINER PANEL

2 HOUR FRR ACHIEVED THROUGH ULC W446 SYSTEM F

EXTERIOR WALL ASSEMBLY NOTES & LEGEND:

2x LAYER OF 13mm TYPE 'X' GYPSUM BOARD c/w 13mm RESILIENT FURRING CHANNELS @ 600mm o/c

2x LAYER OF 13mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH OBC SB-2.

EXTERIOR WALL ASSEMBLIES:

(EW1) EXTERIOR WALL (MASONRY)

- 90mm MASONRY VENEER (REFER TO ELEVATIONS AND SPECIFICATIONS FOR TYPE)
- 25mm - 41mm AIR SPACE (SEE ASSEMBLY LEGEND)
- 50mm RIGID INSULATION (Rsi 1.8 / R10c)
- AIR BARRIER
- SHEATHING (REFER TO ELEVATIONS + STRUCTURAL FOR SHEAR-WALL LOCATIONS & REQUIREMENTS)
- 38x140 WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION (Rsi 3.5 / R20)
- VAPOUR BARRIER
- 16mm TYPE 'X' GYPSUM BOARD

(EW2) EXTERIOR WALL (METAL SIDING)

- METAL SIDING
- 75mm Z-BARS (ORIENTED PERPENDICULAR TO SIDING) @ 600mm o/c c/w 50mm RIGID INSULATION (Rsi 1.8 / R10c)
- AIR BARRIER
- SHEATHING (REFER TO ELEVATIONS + STRUCTURAL FOR SHEAR-WALL LOCATIONS & REQUIREMENTS)
- 38x140 WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION (Rsi 3.5 / R20)
- VAPOUR BARRIER
- 13mm RESILIENT FURRING CHANNEL @ 600mm o/c (WHERE INDICATED ON FLOOR PLANS)
- 13mm TYPE 'X' GYPSUM BOARD (2x LAYER WHERE INDICATED ON FLOOR PLANS)

(EW3) BALCONY WING WALL

- CLADDING*
- AIR BARRIER
- SHEATHING (REFER TO STRUCTURAL FOR SHEAR-WALL LOCATIONS & REQUIREMENTS)
- 38x140 WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION
- 2x16mm ORIENTED STRAND BOARD SHEATHING
- AIR BARRIER
- CLADDING*

*NOTE: CLADDING TO BE THE ONE OF THE FOLLOWING (REFER TO PLANS AND ELEVATIONS FOR LOCATIONS):

- 90mm MASONRY VENEER (REFER TO ELEVATIONS AND SPECIFICATIONS FOR TYPE)
- 25mm AIR SPACE
- ALUMINUM COMPOSITE PANEL
- 19x64 VERTICAL FURRING @ 600mm o/c & TO SUIT PANEL MOUNTING REQUIREMENTS
- 75mm Z-BARS @ 600mm o/c

(EW4) EXTERIOR WALL (PODIUM, NORTH)

- VERTICAL METAL SIDING
- 135mm HORIZONTAL Z-BARS @ 600mm o/c c/w 100mm RIGID INSULATION (Rsi 3.6 / R20c)
- AIR / VAPOUR BARRIER
- 16mm EXTERIOR GRADE GYPSUM BOARD SHEATHING
- 38x184 WOOD STUDS @ 400mm o/c
- 16mm TYPE 'X' GYPSUM BOARD

GENERAL NOTES:

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5	ISSUED FOR SITE PLAN APPLICATION	2020-06-29
6	ISSUED FOR 50% COORDINATION	2020-10-06
7	REISSUED FOR SITE PLAN APPLICATION	2020-10-15
8	ISSUED FOR PERMIT	2020-11-06
9	ISSUED FOR COORDINATION	2020-11-26
10	ISSUED FOR COORDINATION	2021-01-29

CLIENT:

LANDRIC HOMES
TEL: 819-593-4895
1173 CYRVILLE RD, SUITE 202
OTTAWA, ON, K1J 7S6

ARCHITECT:

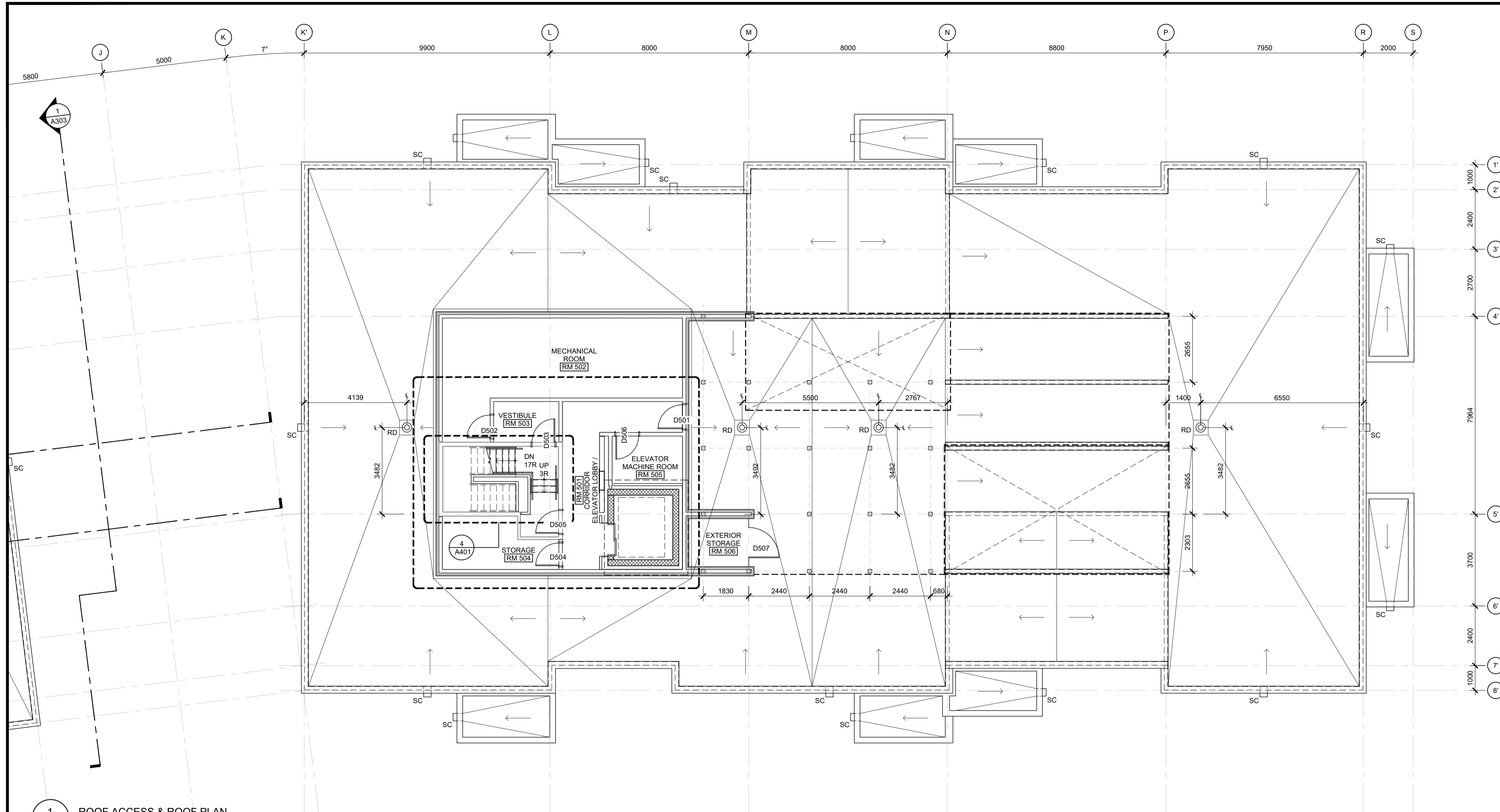
DCA
A GROUP OF ARCHITECTS
201-1339 WELLINGTON ST. WEST OTTAWA ON K1J 3B8
WWW.ARCHITECTSDCA.COM 613.725.2294

PROJECT TITLE:
HILLPARK APARTMENTS
70 & 80 SILO STREET
OTTAWA (ORLEANS), ON

DRAWING TITLE:
ROOF ACCESS PLAN:
WEST BUILDING

DATE	DRAWN	JOB NO.	DRAWING NO.
OCT. 2019	IC DR	3206	A210
SCALE AS NOTED	REVIEWED TO		

ARCHITECTURAL



1 ROOF ACCESS & ROOF PLAN
SCALE: 1 : 100

WALL ASSEMBLY FRR LEGEND:

----- 1.5 HOUR FIRE RESISTANCE RATING, REFER TO ASSEMBLY SCHEDULE
 - - - - 1 HOUR FIRE RESISTANCE RATING, REFER TO ASSEMBLY SCHEDULE

- WHERE OBC SB-2 IS REFERENCED TO ACHIEVE THE REQUIRED MINIMUM FRR, THE FOLLOWING COMPONENT RATINGS WERE USED VIA THE ADDITIVE METHOD:
 - 2x13mm TYPE 'X' GYPSUM BOARD: 80 min (TABLE 2.3.4 A)
 - 16mm TYPE 'X' GYPSUM BOARD: 40 min (TABLE 2.3.4 A)
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 - WOOD STUDS: 20 min (TABLE 2.3.4 E)
 - FULL DEPTH INSULATION: 15 min (TABLE 2.3.4 G)

INTERIOR WALL ASSEMBLIES:

(W1) PARTY WALL

- 2 LAYERS 13mm TYPE 'X' GYPSUM BOARD
- 13mm RESILIENT FURRING CHANNEL
- 38x140 WOOD STUD FRAMING @ 400mm o/c c/w FULL DEPTH INSULATION
- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH OBC SB-2.
STC RATING: 53, OBC SB-3, W6c

*NOTE: MAKE THE FOLLOWING SUBSTITUTION AT SHEAR-WALLS (REFER TO STRUCTURAL)

- 2 LAYERS STRUCTURAL SHEATHING
- 16mm TYPE 'X' GYPSUM BOARD

(W2) INTERIOR WALL: 1HR FRR

- 16mm TYPE 'X' GYPSUM BOARD
- 38x89 or 140 WOOD STUD FRAMING @ 400mm o/c c/w FULL DEPTH INSULATION
- 16mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH OBC SB-2.

(W3) INTERIOR WALL

- 16mm GYPSUM BOARD
- 38x89 or 140 WOOD STUD FRAMING @ 400mm o/c
- 16mm GYPSUM BOARD

(W4) INTERIOR WALL, ONE-SIDED FINISH

- 16mm GYPSUM BOARD
- 38x89, 140 or 184 WOOD STUD FRAMING @ 400mm o/c

(W5) CORRIDOR WALL

- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD
- 13mm RESILIENT FURRING CHANNEL @ 600mm o/c
- 140mm WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION
- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH ULC U334
STC RATING: 62

NOTE: 16mm TYPE 'X' GYPSUM BOARD PERMITTED TO BE SUBSTITUTED w/ 13mm TYPE 'X' GYPSUM BOARD UNDER OBC SB-2, c/w STC RATING: min 55, OBC SB-3, W6d

(W6) STAIR ENCLOSURE WALL

- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD
- 92mm or 152mm STEEL STUDS @ 400mm o/c, c/w FULL DEPTH MINERAL FIBRE INSULATION
- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD

1.5 HOUR FRR ACHIEVED THROUGH ULC W453
STC RATING: 59, OBC SB-3, S9a

NOTE: 16mm TYPE 'X' GYPSUM BOARD PERMITTED TO BE SUBSTITUTED w/ 13mm TYPE 'X' GYPSUM BOARD UNDER OBC SB-2, c/w STC RATING: 57, OBC SB-3, S9b

(W7) SHAFT WALL

- 2 LAYERS 16mm TYPE 'X' GYPSUM BOARD
- 64mm C-H STUDS @ 600mm o/c c/w 25mm GYPSUM LINER PANEL

2 HOUR FRR ACHIEVED THROUGH ULC W446 SYSTEM F

EXTERIOR WALL ASSEMBLY NOTES & LEGEND:

2x LAYER OF 13mm TYPE 'X' GYPSUM BOARD c/w 13mm RESILIENT FURRING CHANNELS @ 600mm o/c

2x LAYER OF 13mm TYPE 'X' GYPSUM BOARD

1 HOUR FRR ACHIEVED THROUGH OBC SB-2.

EXTERIOR WALL ASSEMBLIES:

(EW1) EXTERIOR WALL (MASONRY)

- 90mm MASONRY VENEER (REFER TO ELEVATIONS AND SPECIFICATIONS FOR TYPE)
- 25mm - 41mm AIR SPACE (SEE ASSEMBLY LEGEND)
- 50mm RIGID INSULATION (Rsi 1.8 / R10c)
- AIR BARRIER
- SHEATHING (REFER TO ELEVATIONS + STRUCTURAL FOR SHEAR-WALL LOCATIONS & REQUIREMENTS)
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- 13mm RESILIENT FURRING CHANNEL @ 600mm o/c (WHERE INDICATED ON FLOOR PLANS)
- 13mm TYPE 'X' GYPSUM BOARD (2x LAYER WHERE INDICATED ON FLOOR PLANS)

(EW2) EXTERIOR WALL (METAL SIDING)

- METAL SIDING
- 75mm Z-BARS (ORIENTED PERPENDICULAR TO SIDING) @ 600mm o/c c/w 50mm RIGID INSULATION (Rsi 1.8 / R10c)
- AIR BARRIER
- SHEATHING (REFER TO ELEVATIONS + STRUCTURAL FOR SHEAR-WALL LOCATIONS & REQUIREMENTS)
- 38x140 WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION (Rsi 3.5 / R20)
- VAPOUR BARRIER
- 13mm RESILIENT FURRING CHANNEL @ 600mm o/c (WHERE INDICATED ON FLOOR PLANS)
- 13mm TYPE 'X' GYPSUM BOARD (2x LAYER WHERE INDICATED ON FLOOR PLANS)

(EW3) BALCONY WING WALL

- CLADDING*
- AIR BARRIER
- SHEATHING (REFER TO STRUCTURAL FOR SHEAR-WALL LOCATIONS & REQUIREMENTS)
- 38x140 WOOD STUDS (REFER TO STRUCTURAL) c/w FULL DEPTH INSULATION
- 2x16mm ORIENTED STRAND BOARD SHEATHING
- AIR BARRIER
- CLADDING*

*NOTE: CLADDING TO BE THE ONE OF THE FOLLOWING (REFER TO PLANS AND ELEVATIONS FOR LOCATIONS):

- 90mm MASONRY VENEER (REFER TO ELEVATIONS AND SPECIFICATIONS FOR TYPE)
- 25mm AIR SPACE
- ALUMINUM COMPOSITE PANEL
- 19x64 VERTICAL FURRING @ 600mm o/c & TO SUIT PANEL MOUNTING REQUIREMENTS
- 75mm Z-BARS @ 600mm o/c

(EW4) EXTERIOR WALL (PODIUM, NORTH)

- VERTICAL METAL SIDING
- 135mm HORIZONTAL Z-BARS @ 600mm o/c c/w 100mm RIGID INSULATION (Rsi 3.6 / R20c)
- AIR / VAPOUR BARRIER
- 16mm EXTERIOR GRADE GYPSUM BOARD SHEATHING
- 38x184 WOOD STUDS @ 400mm o/c
- 16mm TYPE 'X' GYPSUM BOARD

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CLIENT

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TEL: 819-593-4895
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OTTAWA, ON, K1J 7S6

PROJECT TITLE

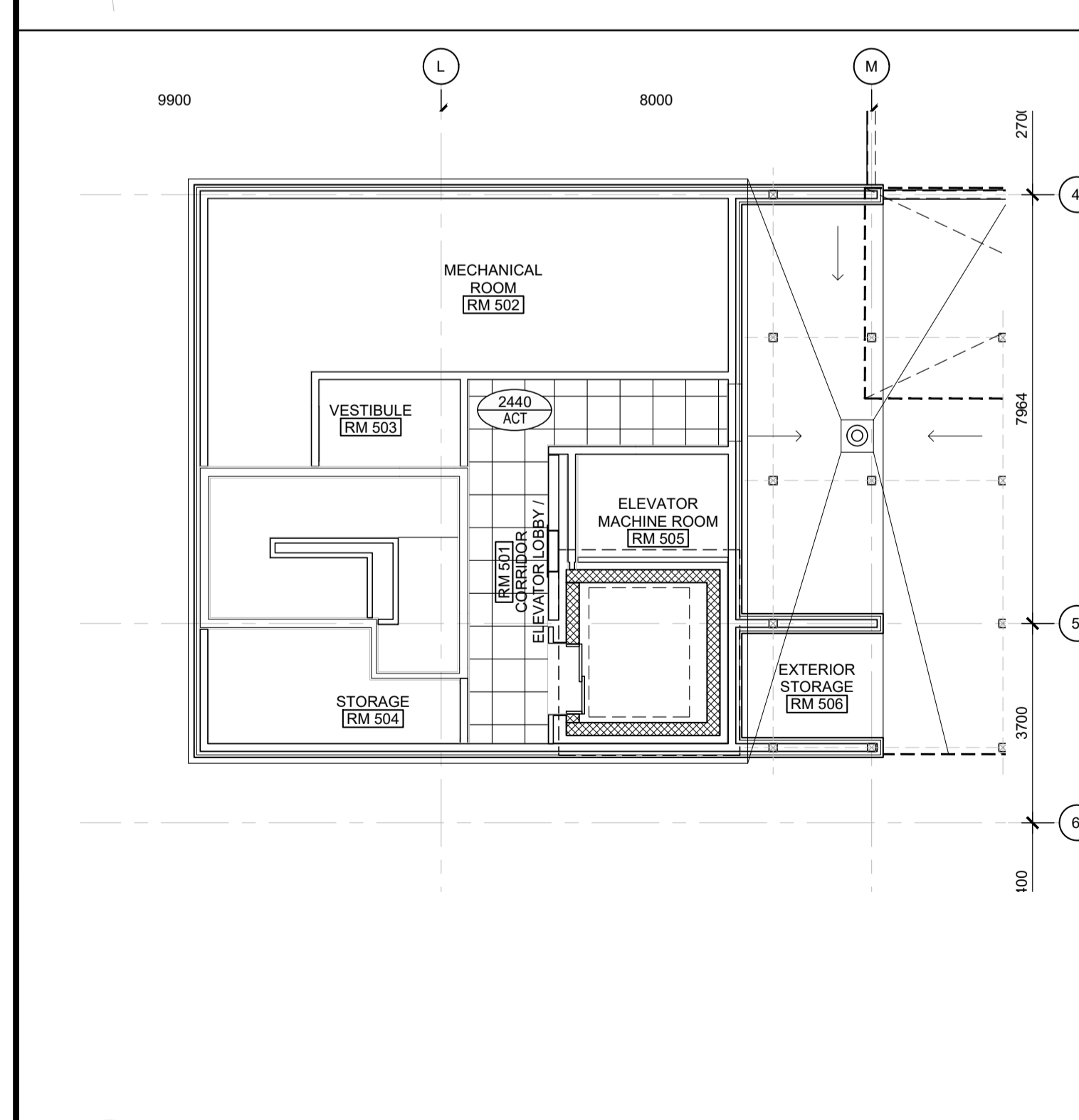
HILLPARK APARTMENTS
70 & 80 SILO STREET
OTTAWA (ORLEANS), ON

DRAWING TITLE

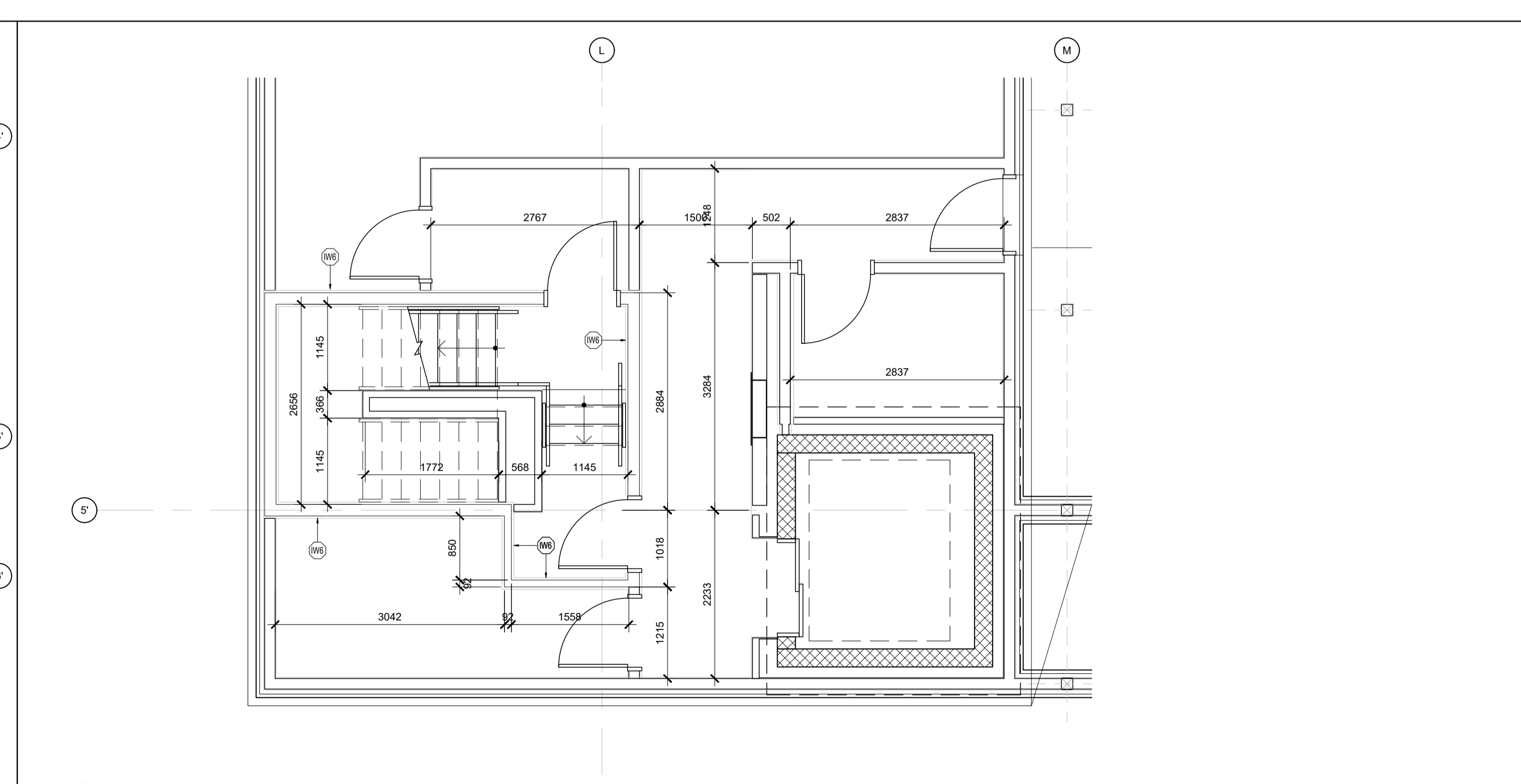
ROOF ACCESS PLAN:
EAST BUILDING

DATE	DRAWN	JOB NO.	DRAWING NO.
OCT. 2019	IC DR	3206	A211
SCALE AS NOTED	REVIEWED TO		

ARCHITECTURAL



2 REFLECTED CEILING PLAN
SCALE: 1 : 100



3 FLOOR PLAN: INTERIOR LAYOUT
SCALE: 1 : 50

D07-12-20-0104