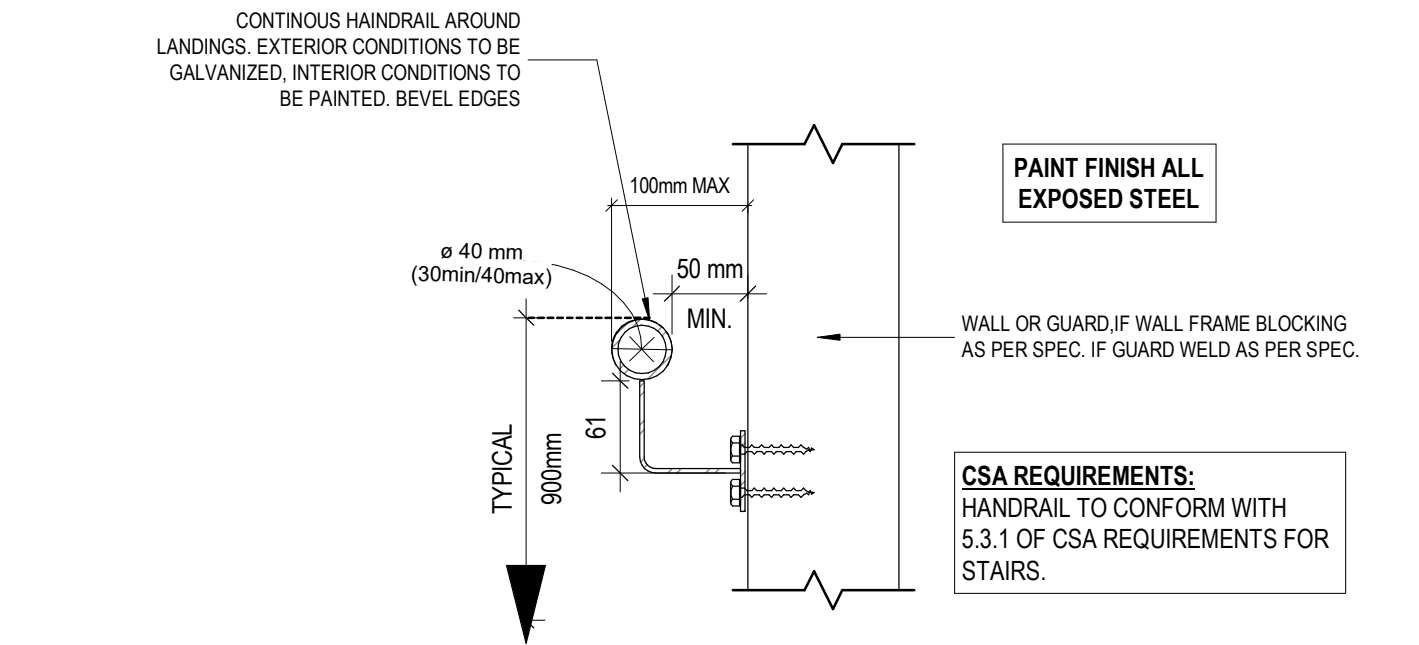
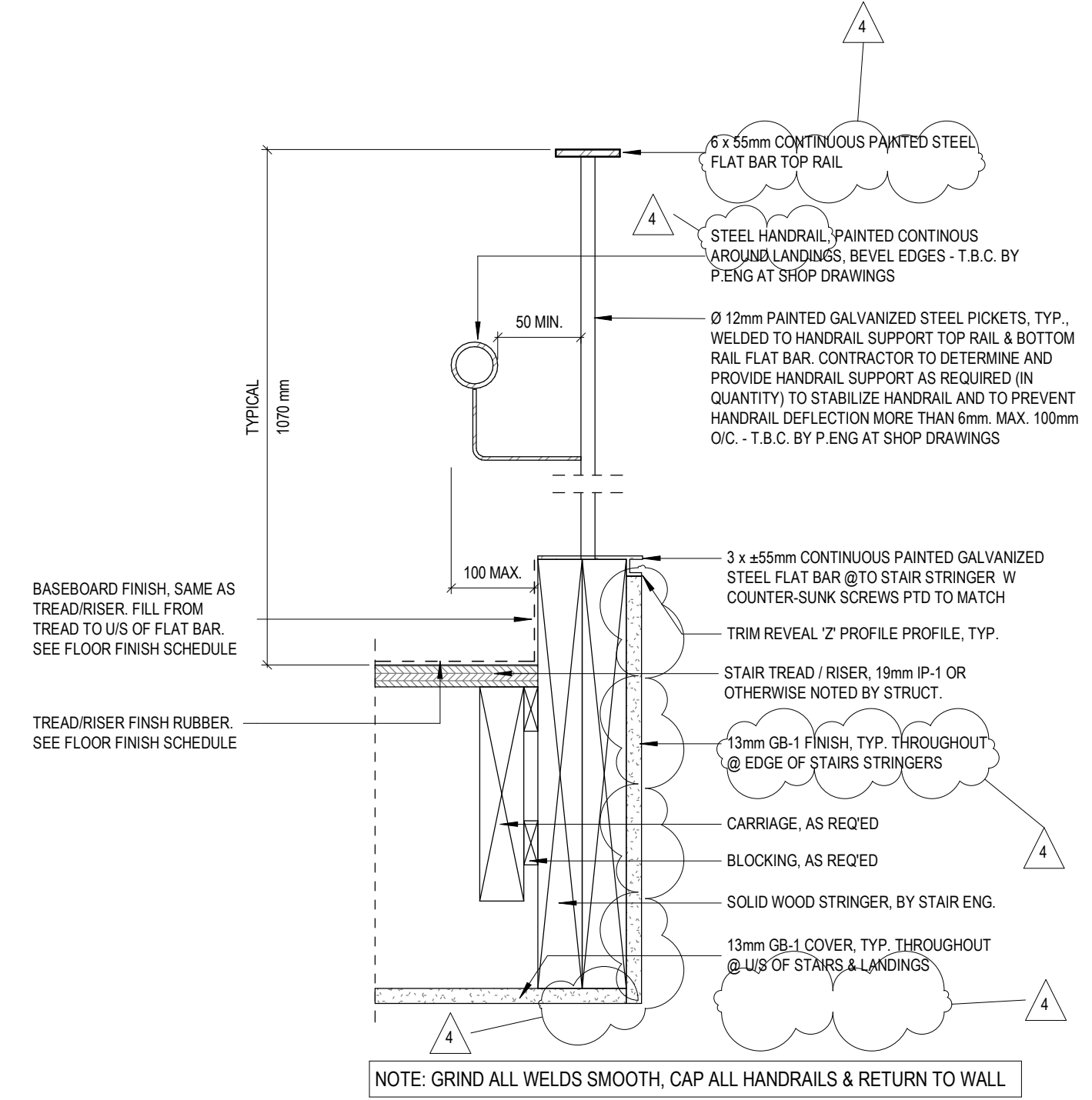


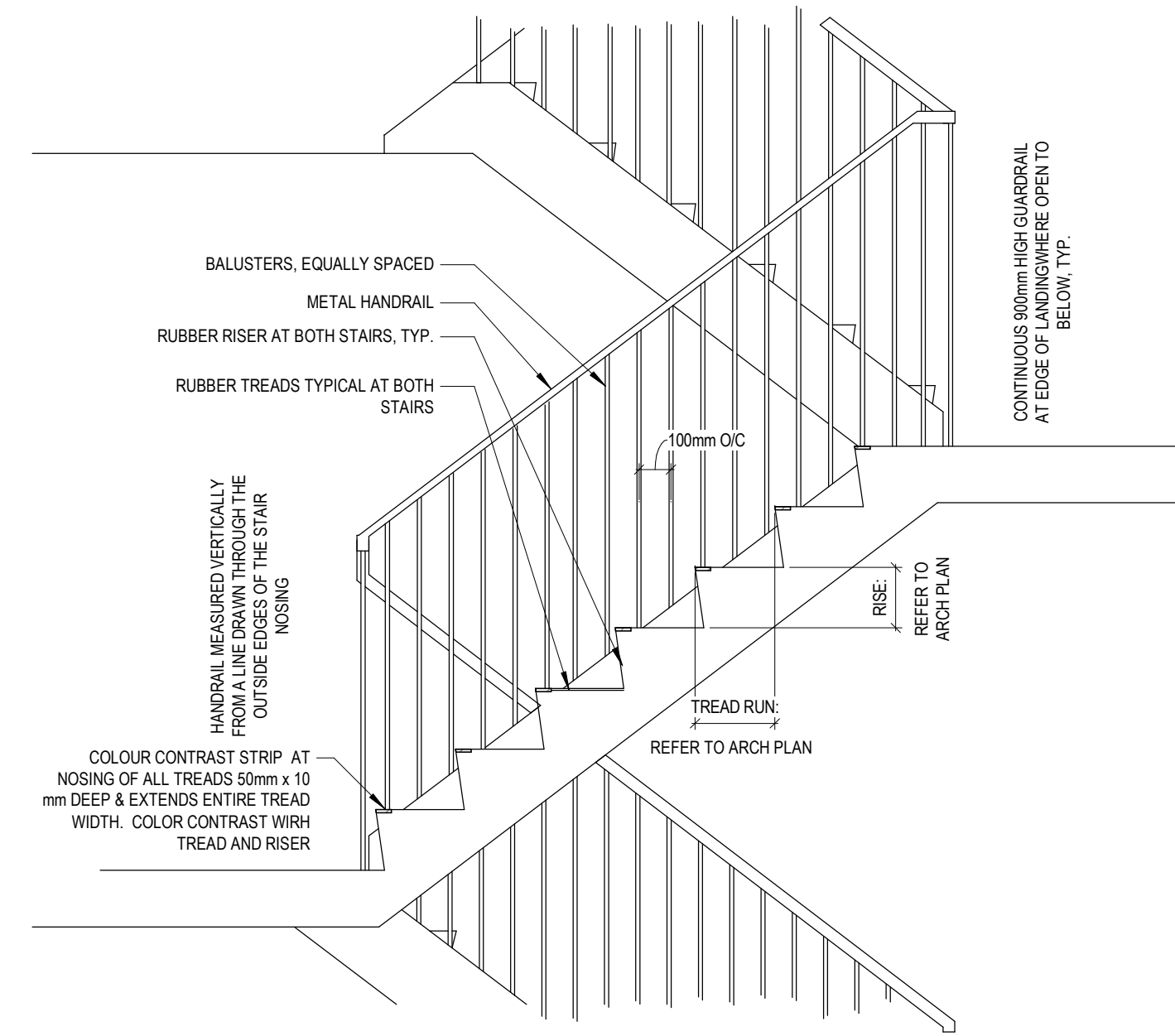
DETAILS



12 TYPICAL HANDRAIL SECTION DETAIL @ WALL
1 : 5

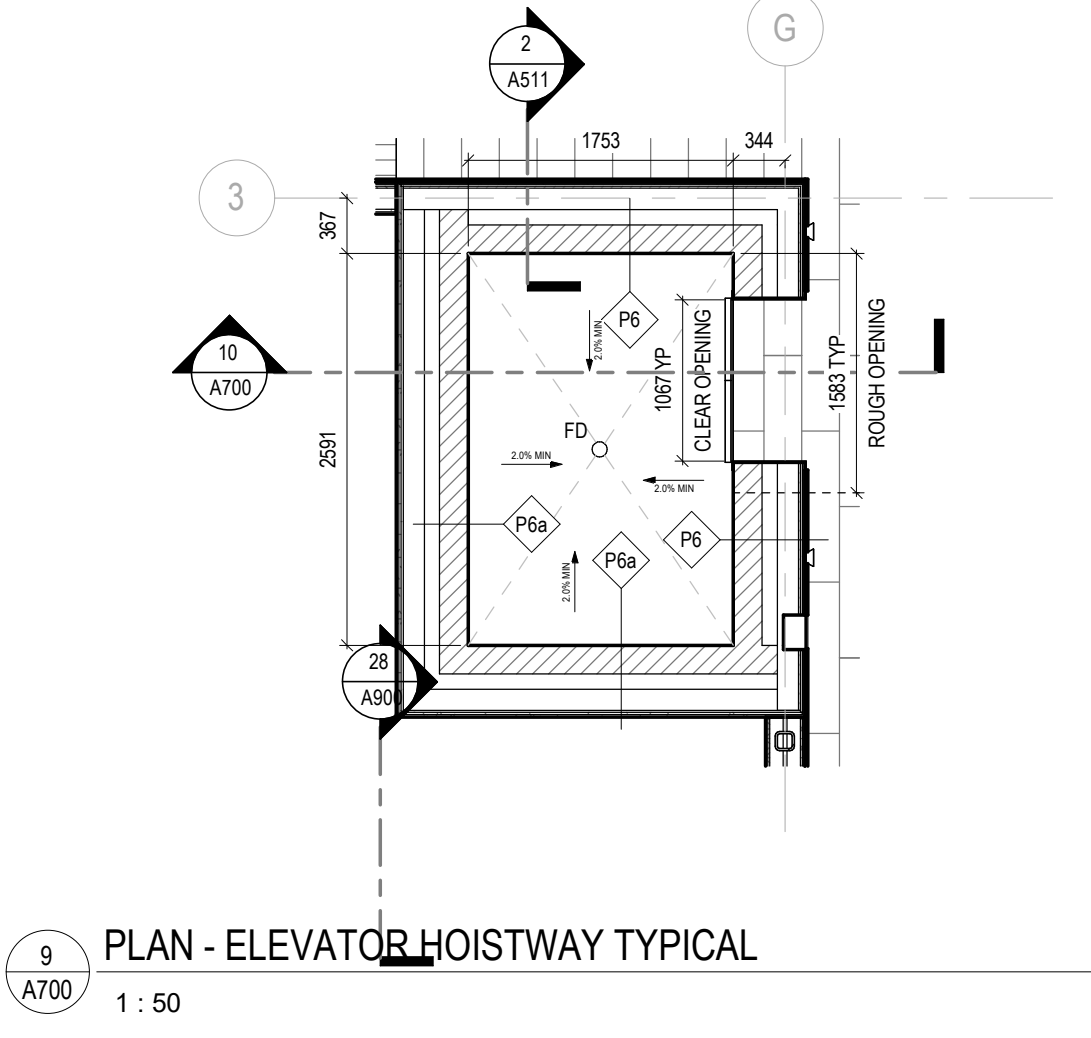


7 TYPICAL GUARD & HANDRAIL SECTION DETAIL @ STAIR
1 : 5

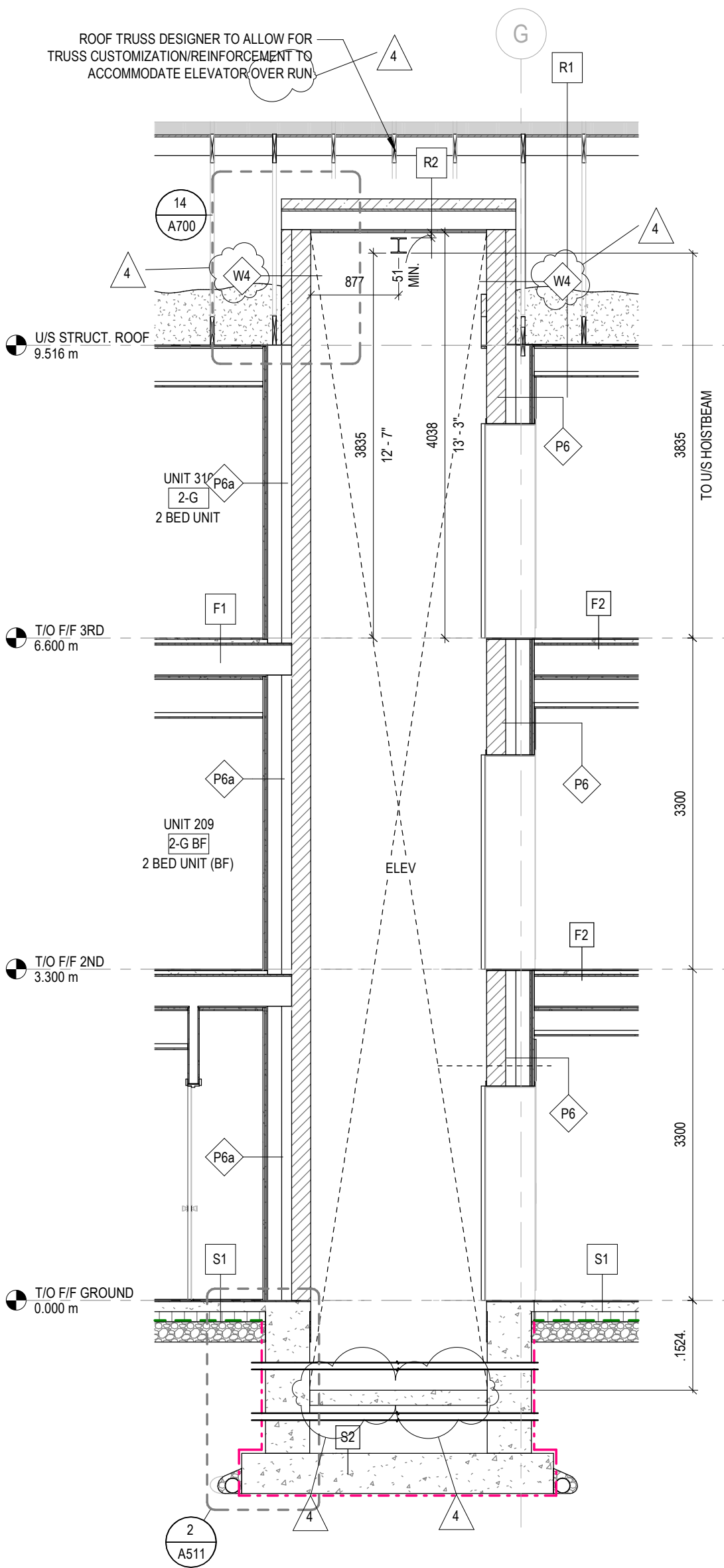


11 TYPICAL STAIR SECTION DETAIL
1 : 20

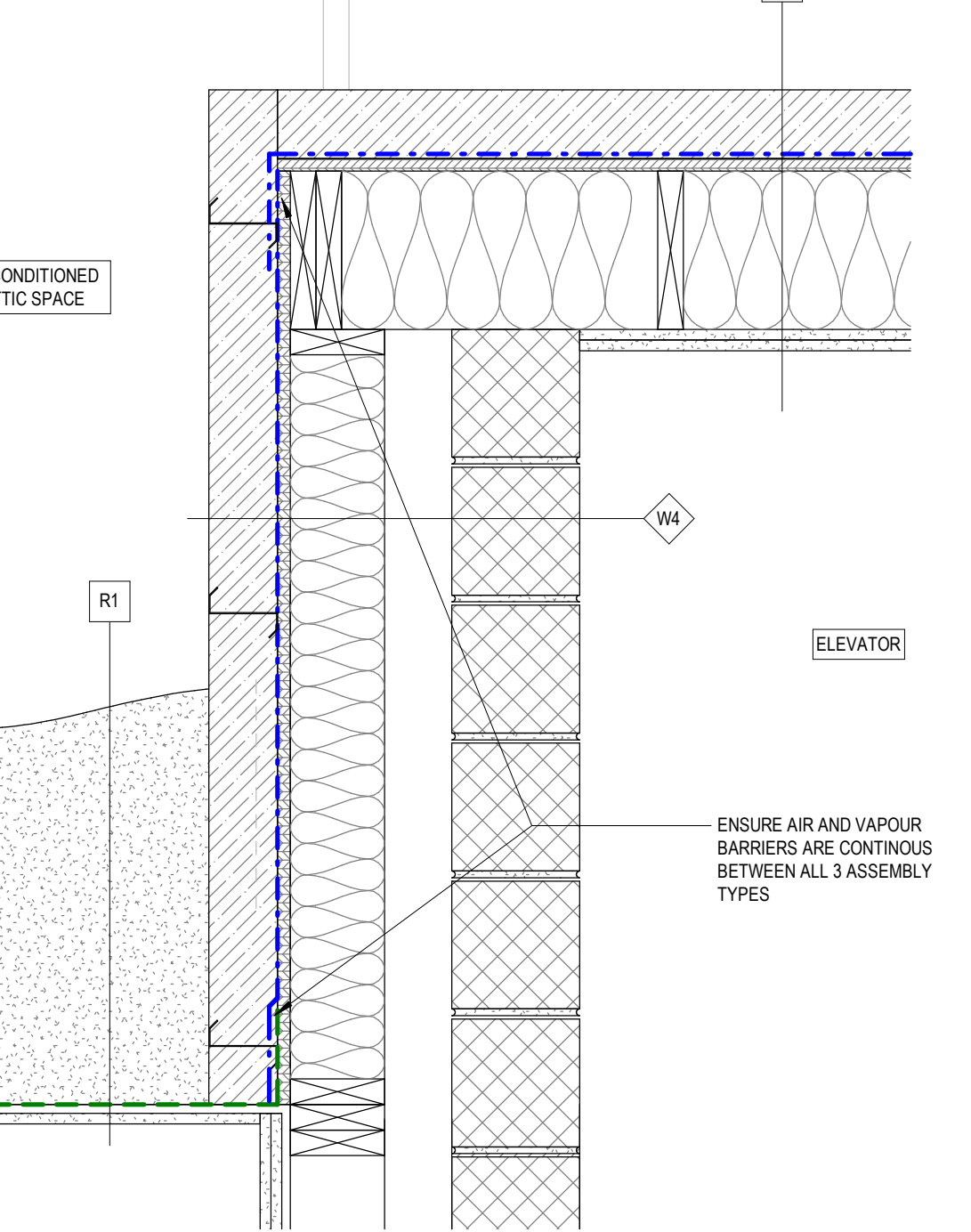
ELEVATOR



9 PLAN - ELEVATOR HOISTWAY TYPICAL
1 : 50

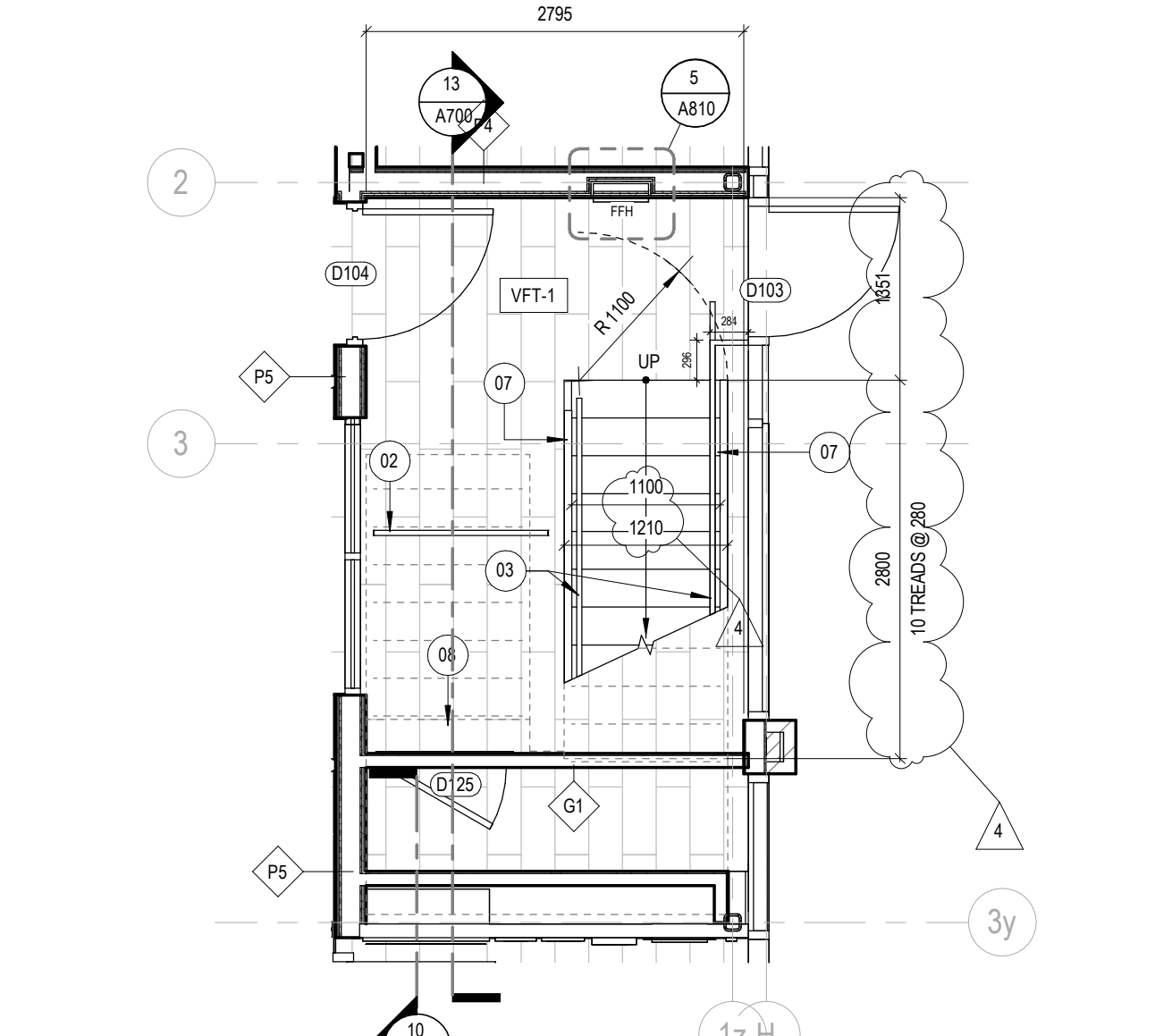


10 SECTION - ELEVATOR HOISTWAY
1 : 50

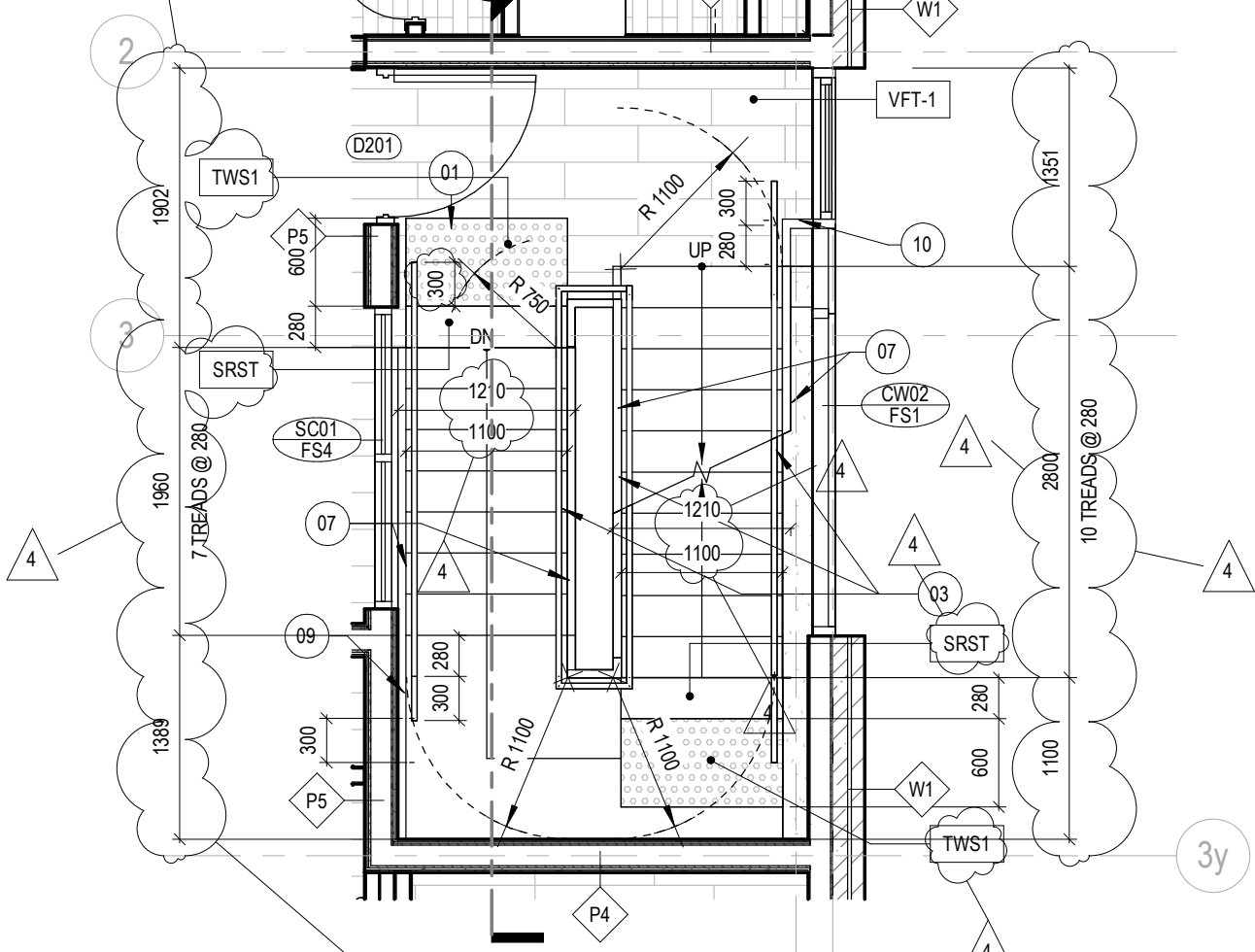


14 INTERIOR DETAIL - ELEVATOR CAP
1 : 10

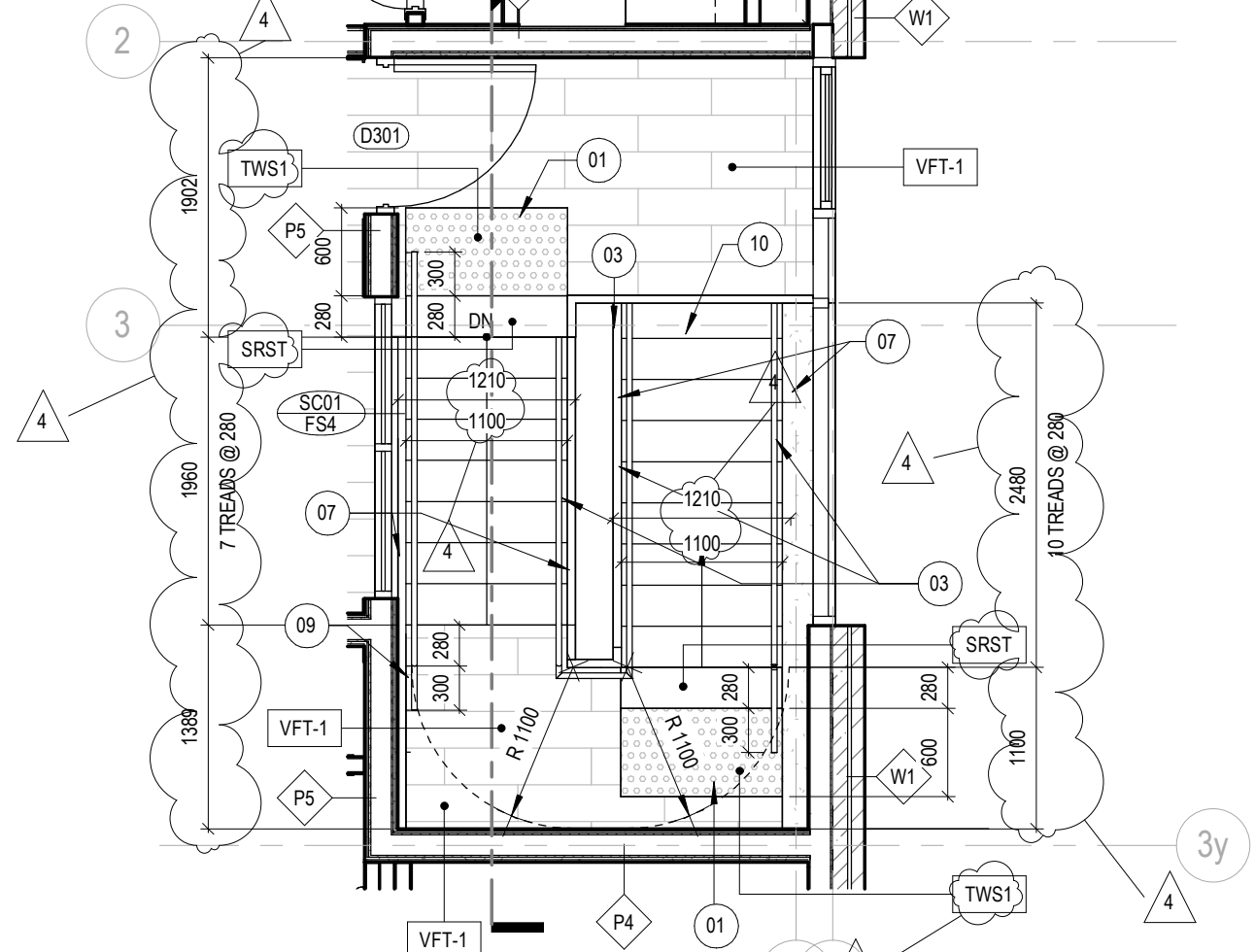
STAIR A



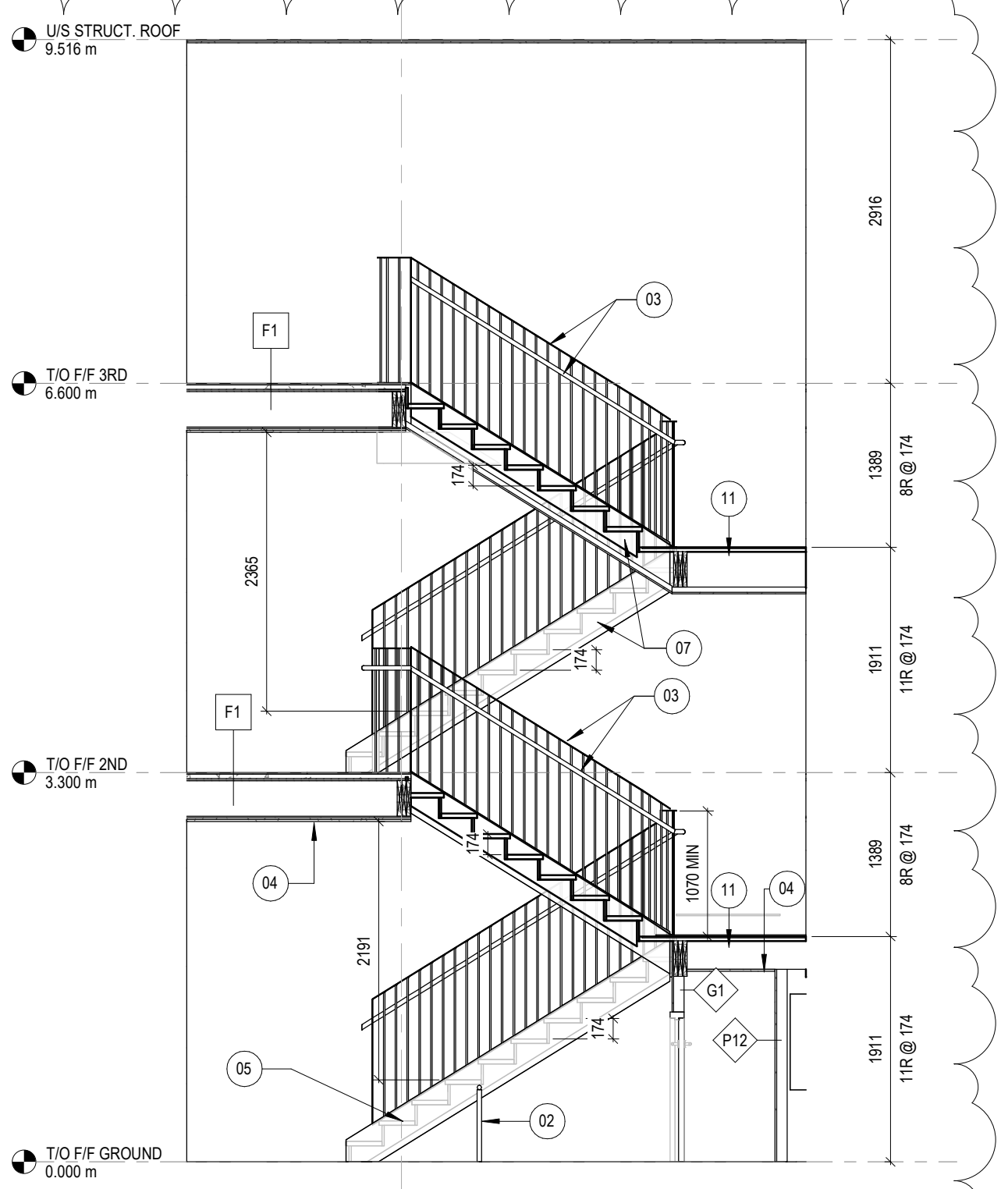
1 STAIR A - GROUND FLOOR PLAN
1 : 50



3 STAIR A - SECOND FLOOR PLAN
1 : 50

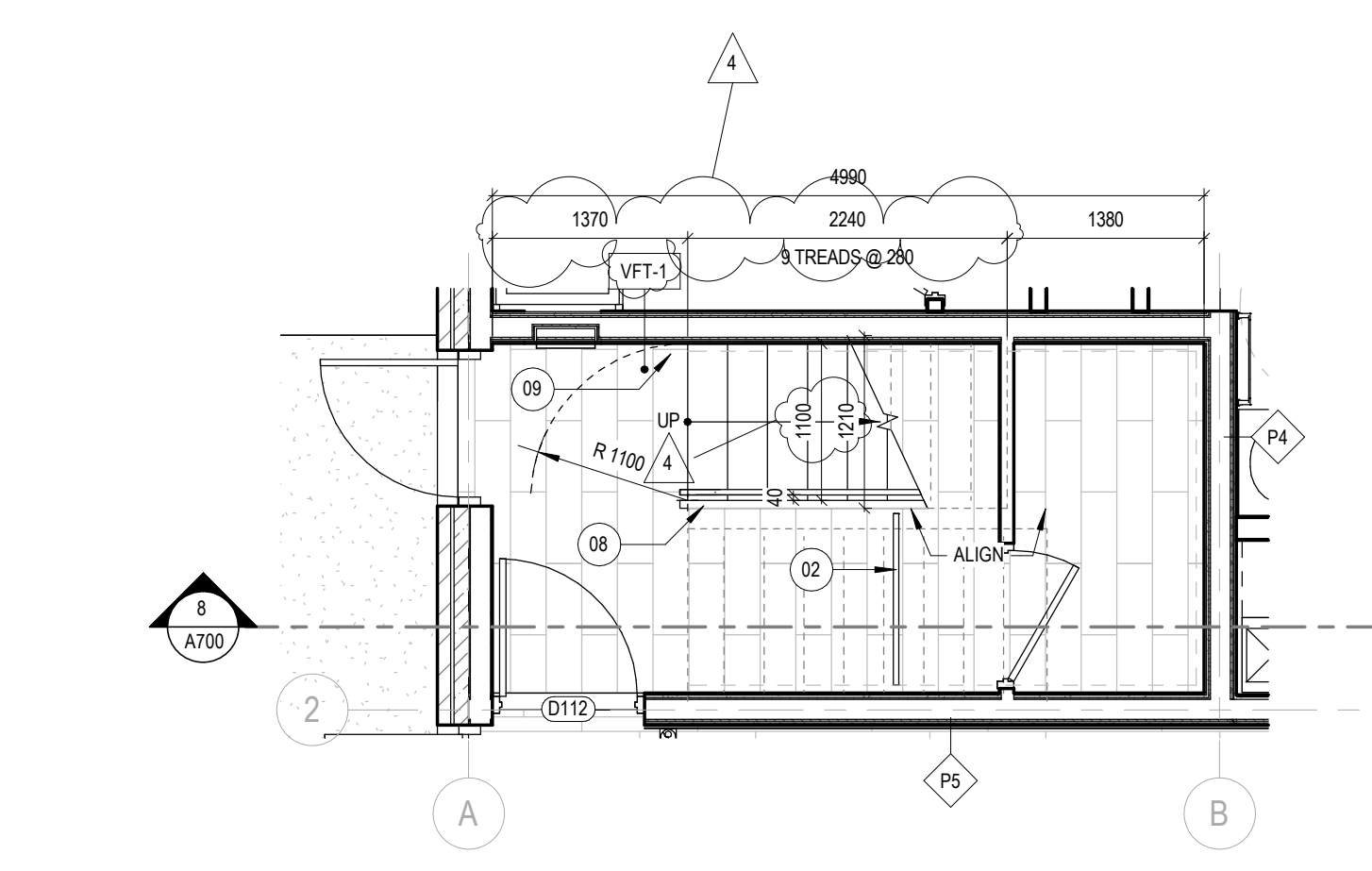


4 STAIR A - THIRD FLOOR PLAN
1 : 50

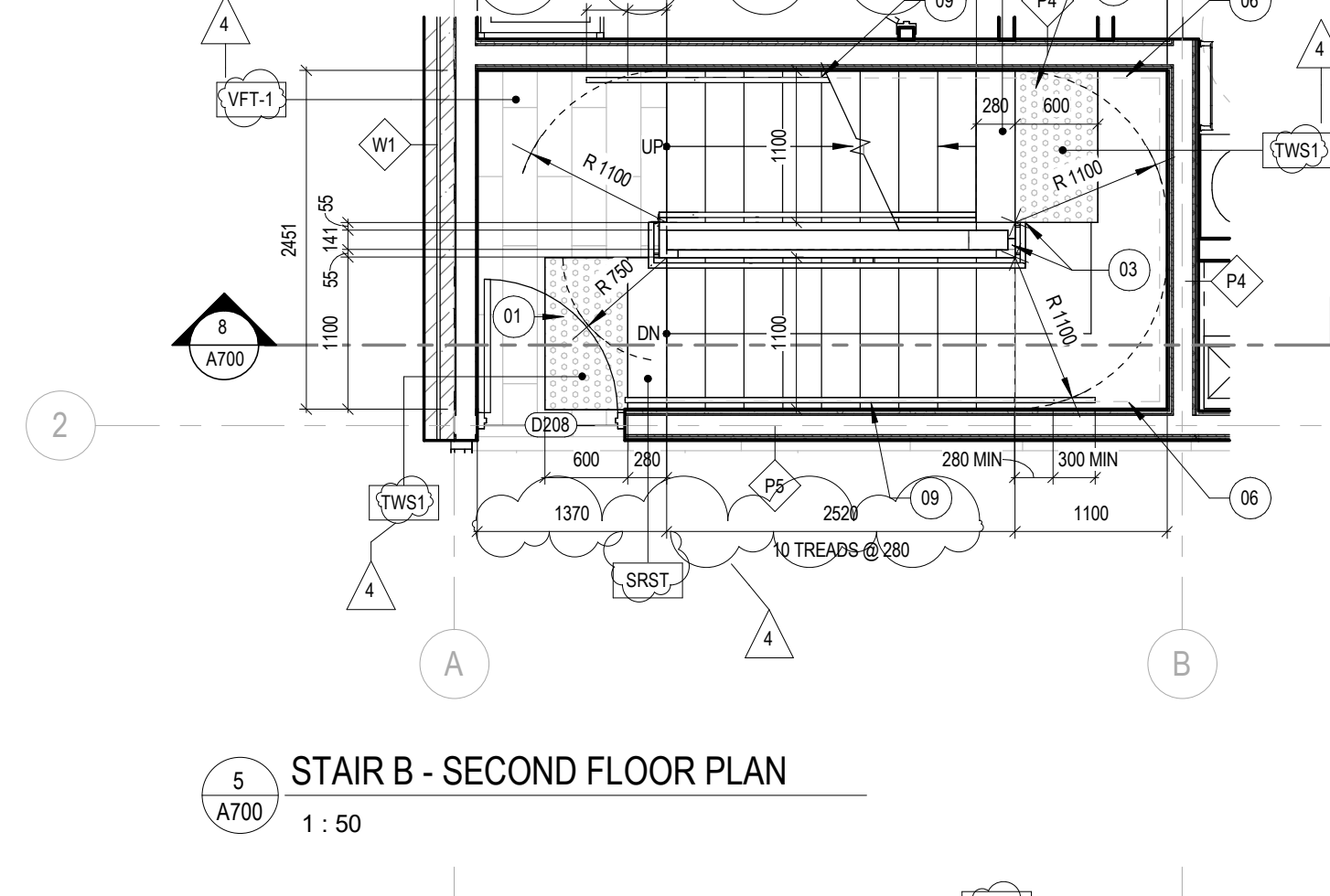


13 SECTION - STAIR A
1 : 50

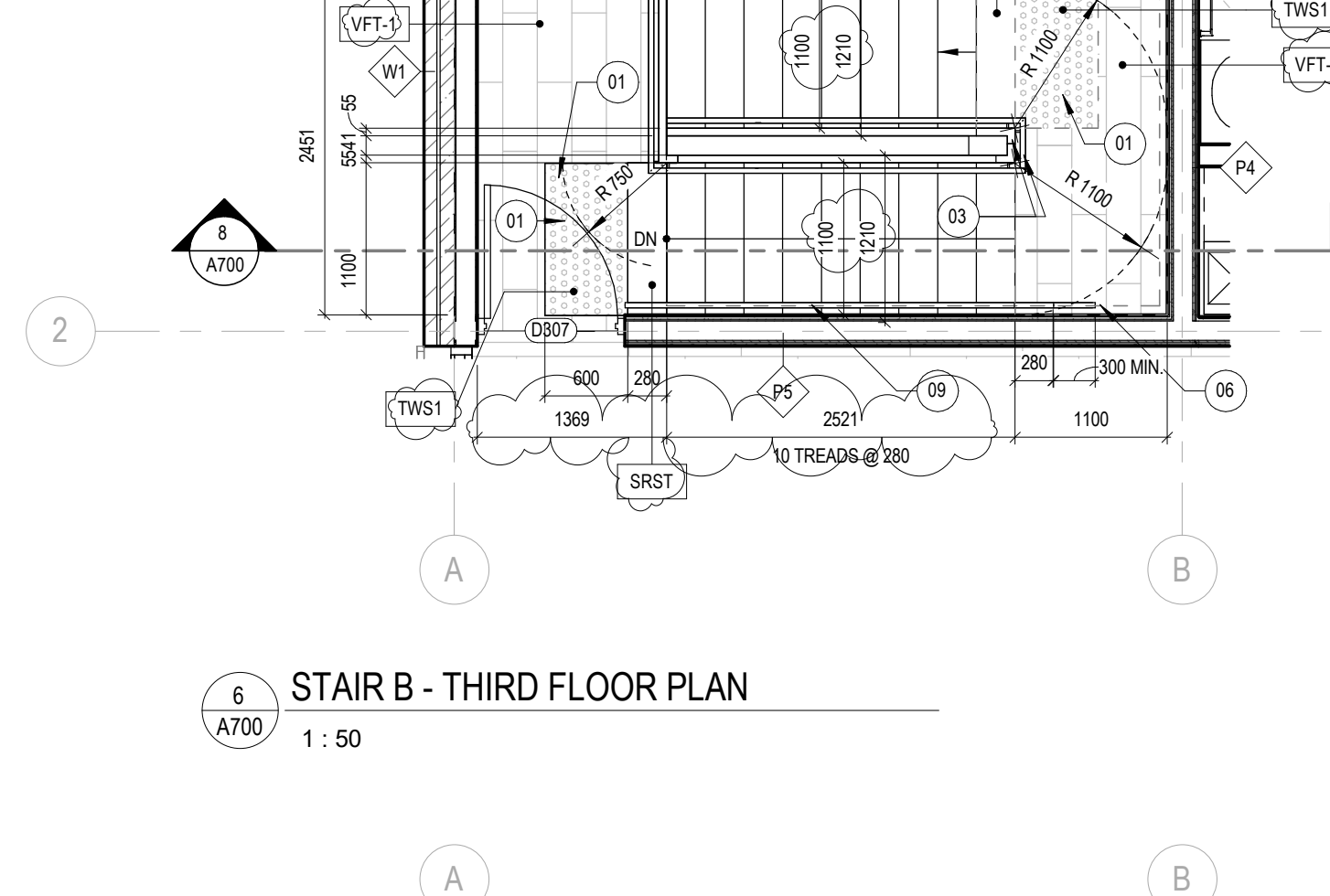
STAIR B



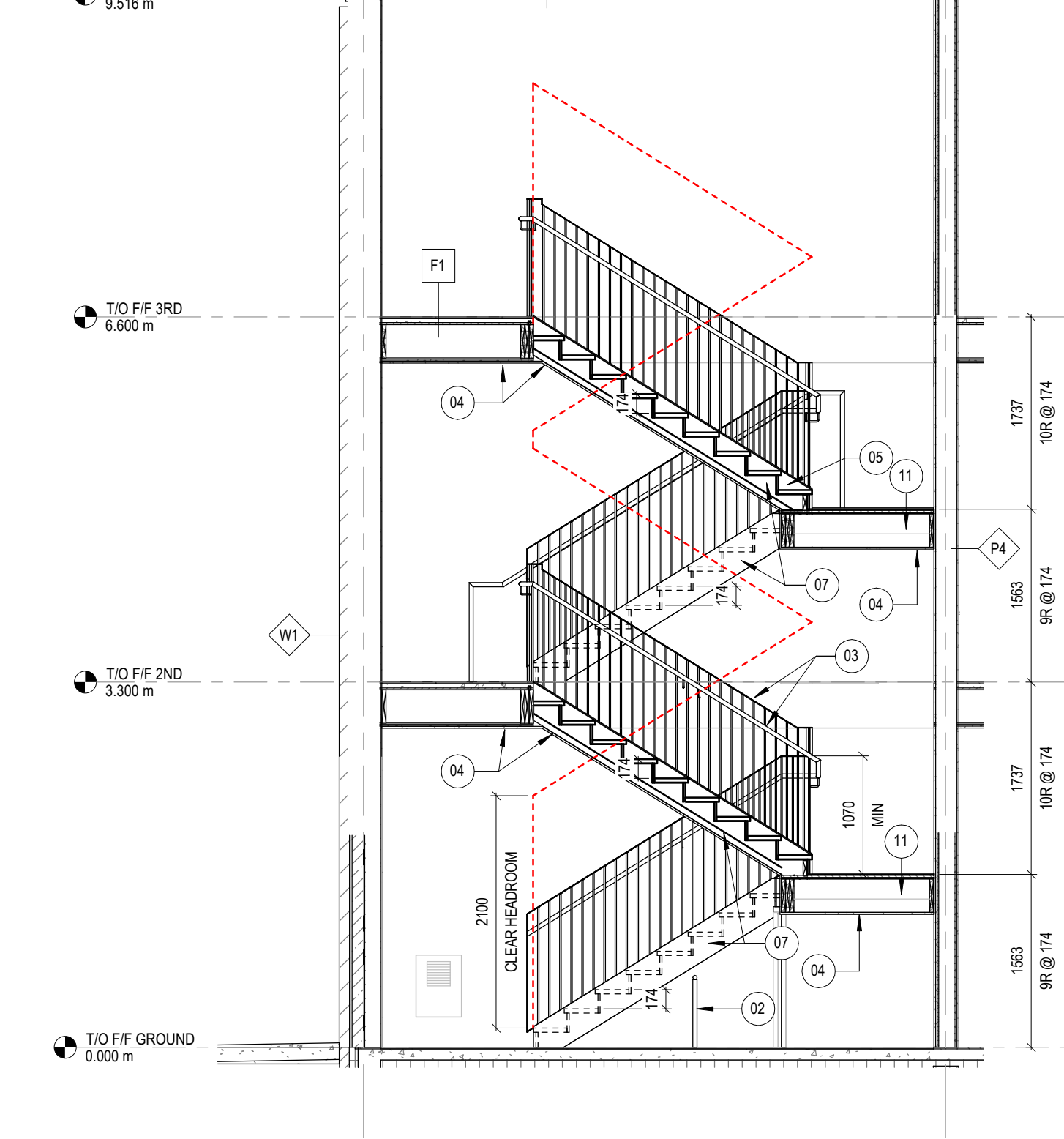
2 STAIR B - GROUND FLOOR PLAN
1 : 50



5 STAIR B - SECOND FLOOR PLAN
1 : 50



6 STAIR B - THIRD FLOOR PLAN
1 : 50



8 SECTION - STAIR B
1 : 50

STAIRS, RAMPS & LIFTS GENERAL NOTES

1. PROVIDE ANTI-SKID TREADS ON ALL STAIRS.
2. SLIP RESISTANT SURFACE TYPICAL TO ALL EXIT STAIR TREADS AND LANDINGS.
3. ROUND THE EDGE OF ALL STAIR TREAD NOSING NOT LESS THAN 6mm AND NOT MORE THAN 13mm MEASURED HORIZONTALLY FROM THE FRONT OF THE NOSING.
4. HANDRAIL EXTENSION DIMENSIONS TYPICAL AS PER 5.5.8 AND 5.4.4 OF CSA REQUIREMENTS EXCEPT WHERE CONTINUOUS AS REQ'D.
5. CONTRACTOR TO CONFIRM VIA STAMPED SHOP DRAWINGS THAT GUARDRAILS, HANDRAILS AND THEIR SUPPORTS SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND:
 - A CONCENTRATED LOAD NOT LESS THAN 0.8kN APPLIED TO ANY POINT AND IN ANY DIRECTION
 - A UNIFORM LOAD NOT LESS THAN 0.7kN/m APPLIED IN ANY DIRECTION
 - TO PREVENT HANDRAIL DEFLECTION MORE THAN 6mm.
6. PROVIDE BLOCKING AS REQUIRED.
7. INSTALL COLOUR CONTRAST STRIP EXTENDING THE ENTIRE WIDTH OF TREAD ON THE LEADING EDGE OF THE TREAD AND LANDING AND AT ANY CHANGE IN SLOPE OF RAMPS AS PER 5.4.1(5) AND 5.4.1(6) OF THE CSA REQUIREMENTS AS INDICATED ON THE PLANS.
8. INSTALL A TACTILE ATTENTION INDICATOR CONFORMING TO 3.8.3.18 OF THE OBC AND 5.4.3.1 OF CSA REQUIREMENTS AS INDICATED ON THE PLANS AT THE TOP OF STAIRS AND RAMPS.
9. STAIR STRINGERS TO HAVE A MINIMUM EFFECTIVE DEPTH OF 80mm, MEASURED PERPENDICULARLY TO THE BOTTOM OF THE STRINGER AT THE POINT OF MINIMUM CROSS-SECTION, AND AN OVERALL DEPTH OF NOT LESS THAN 235mm. STRINGER THICKNESS SHALL BE 30mm. EACH RUN SHALL HAVE 3 STRINGERS, SUPPORTED AND SECURED AT THE TOP AND BOTTOM.
10. ILLUMINATION AT THE SURFACE LEVEL OF RAMP AND STAIR TREADS AND ASSOCIATED LANDINGS SHOULD BE AT LEAST 50LX AS PER 5.5.7 AND 5.4.1(7) AS PER CSA REQUIREMENTS.
11. THESE DRAWINGS ARE INTENDED FOR GENERAL STAIR DESIGN DETAIL. REFER TO STRUCTURAL DOCUMENTS FOR STRUCTURE FOR STAIR LANDINGS AND FLOORS. LANDING NOT DETAILED IN STRUCTURAL DOCUMENTS SHALL BE ENGINEERED BY STAIR SUPPLIER.

STAIR CONSTRUCTION NOTES

1. STAIR STRINGERS AND BEAMS & JOISTS (@ LANDINGS) ARE TO BE COMPLETED BY SEPARATE FRAMING AND GYPSUM BOARD.
2. GYPSUM BOARD RUNS CONTINUOUS @ PARTITIONS AND THE STAIRS STRUCTURE.
3. LANDING BEAM AND LANDING JOISTS TO ANCHOR ON WALLS / LEDGER VIA A STEEL ANGLE. SEE STRUCTURAL USE MASON W/PAD TO SEPARATE LANDING BEAMS / JOISTS FROM ANGLES @ HORIZONTAL SURFACES.
4. ISOLATION MATERIAL IS ALSO REQUIRED TO BE PROVIDED BETWEEN THE LANDING BEAMS / JOISTS AND VERTICAL PORTION OF THE ANGLE TO ENSURE NO ROID CONTACT. USE ALSO MASON W/PAD.
5. BOLTS ARE TO BE PROVIDED WITH RUBBER GROMMETS MASON HG.

MISC. METAL GUARDS NOTES

- NOTE ON MISC. METAL GUARDS:
1. MISC. METALS ENGINEER TO DESIGN STEEL GUARDS AS PER PERFORMANCE SPECIFICATIONS
 2. SEALED, ENGINEERED SHOP DRAWING TO BE SUBMITTED, DESIGNED AND STAMPED BY ONTARIO P.E.N.G.
 3. HORIZONTAL BOTTOM TO BE 100mm OR LESS A.F.F. AND MUST HAVE NO INTERMEDIATE HORIZONTAL MEMBERS
 4. GUARDS TO BE MINIMUM 1070mm HIGH FROM TOP OF ADJACENT FLOOR / SURFACE.
 5. STEEL PICKETS TO BE SPACED 100mm O.C. MAX.
 6. GUARDS TO CONFORM TO O.B.C. 3.3.1.17 GUARDS
 7. GUARD LOADS TO MEET OR EXCEED SPECIFIED LOAD CRITERIA OF 0.8 kC, 4.1 kC, 4.1 kC LOADS ON GUARDS
 8. ALL EXTERIOR GUARDS TO BE GALVANIZED AND PAINTED.

STAIR, RAMPS & LIFTS KEYNOTES

- 01 TACTILE ATTENTION INDICATOR
- 02 CANE RAIL, LOCATE AT 2050mm MINIMUM CLEAR HEADROOM
- 03 STEEL GUARD W. STEEL PICKETS MAX. 100mm O/C AND HANDRAIL MOUNTED TO STRINGER, 1070 MM MIN. AFF.
- 04 GYPSUM BOARD FINISH AT US STAIRS & LANDINGS
- 05 RUBBER BASE TO EXTEND UP INSIDE FACE OF STRINGER TYP.
- 06 WOOD FRAME STRINGER - CONCEALED
- 07 WOOD FRAME STRINGER
- 08 EXTEND PARTITION TO UNDERSIDE OF STAIR STRINGER/LANDING
- 09 WALL MOUNTED HANDRAIL
- 10 RETURN GUARD AT LANDINGS, 920mm AFF.
- 11 WOOD FRAME LANDING - SEE STRUCT.

ISSUE DATE:

NO.	DATE	DESCRIPTION
4	2026/06/26	ISSUED FOR ADDENDUM #3
3	2026/06/17	ISSUED FOR ADDENDUM #2
2	2026/05/29	ISSUED FOR TENDER
1	2026/05/29	ISSUED FOR BUILDING PERMIT

PROJECT:

ONTARIO
ABORIGINAL
HOUSING SERVICES

321 JOHN STREET COBOURG, ONTARIO

SHEET TITLE:

STAIRS, RAMPS &
LIFTS

PROJECT NO:

251088

SCALE:

As indicated

SHEET NO:

A700