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CONTROL TOWER

FOR

KCAHL

AT

AIRPORT

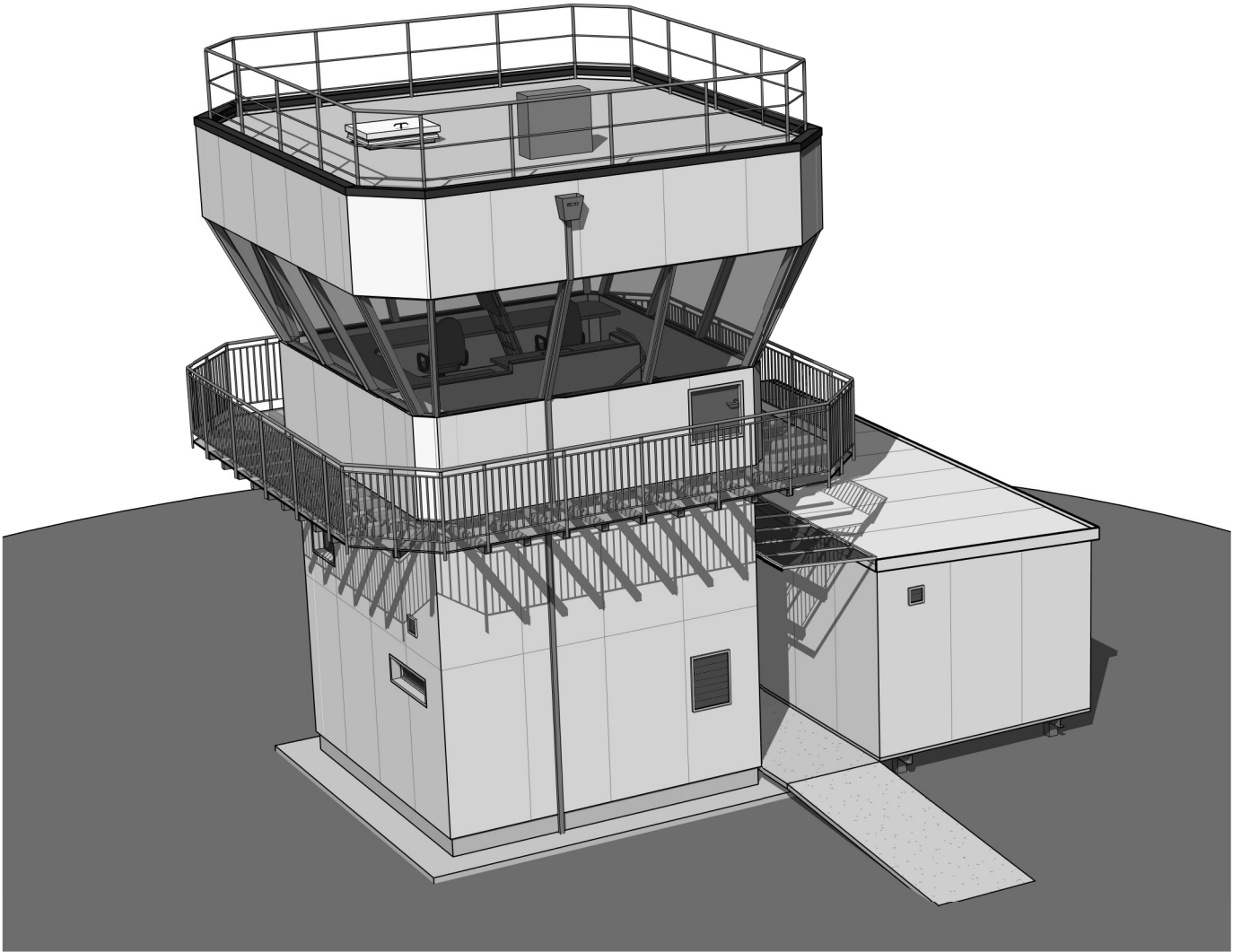
PARAPARAUMU





3D View 1

3D View 2



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- ☐
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**CONTROL TOWER**  
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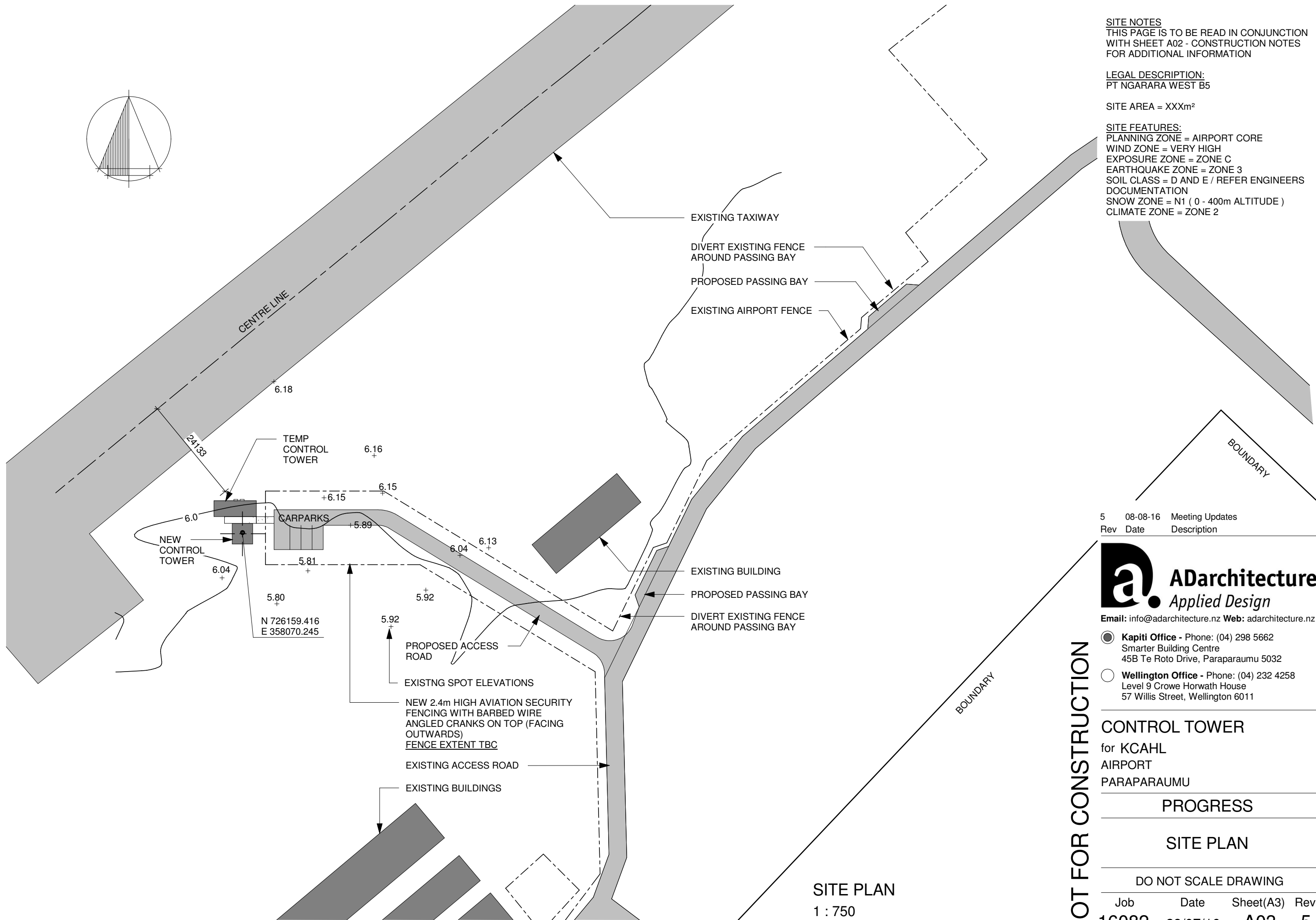
**PROGRESS**

**BUILDING 3D**

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16082	28/07/16	A01	5

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**SITE NOTES**  
THIS PAGE IS TO BE READ IN CONJUNCTION  
WITH SHEET A02 - CONSTRUCTION NOTES  
FOR ADDITIONAL INFORMATION

**LEGAL DESCRIPTION:**  
PT NGARARA WEST B5

SITE AREA = XXXm²

**SITE FEATURES:**  
PLANNING ZONE = AIRPORT CORE  
WIND ZONE = VERY HIGH  
EXPOSURE ZONE = ZONE C  
EARTHQUAKE ZONE = ZONE 3  
SOIL CLASS = D AND E / REFER ENGINEERS  
DOCUMENTATION  
SNOW ZONE = N1 ( 0 - 400m ALTITUDE )  
CLIMATE ZONE = ZONE 2

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## CONTROL TOWER

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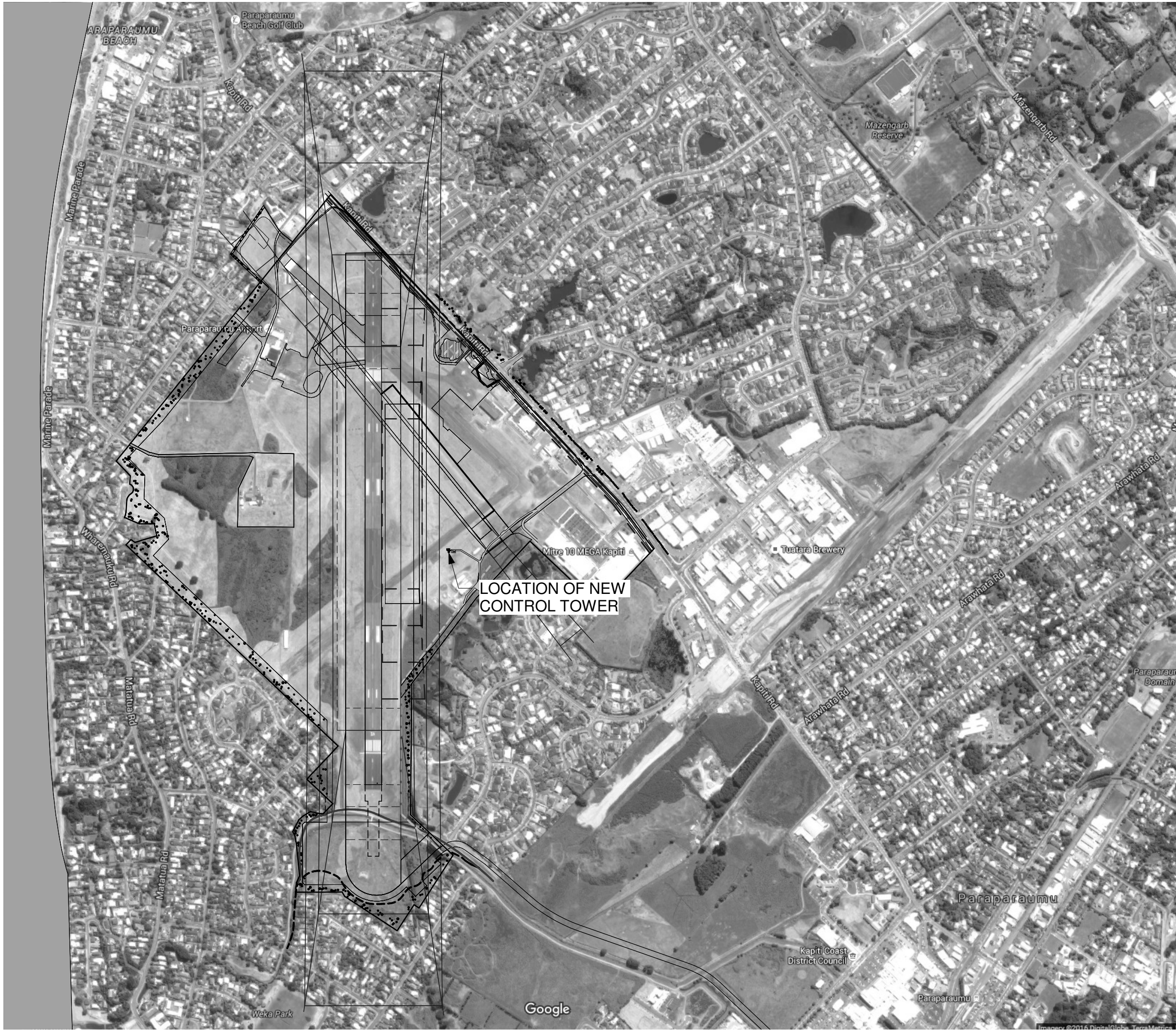
SITE PLAN

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Job	Date	Sheet(A3)	Rev.
16082	28/07/16	A03	5

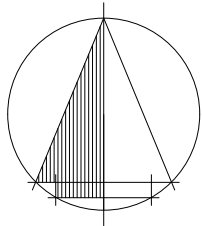
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LOCATION PLAN

1 : 10000



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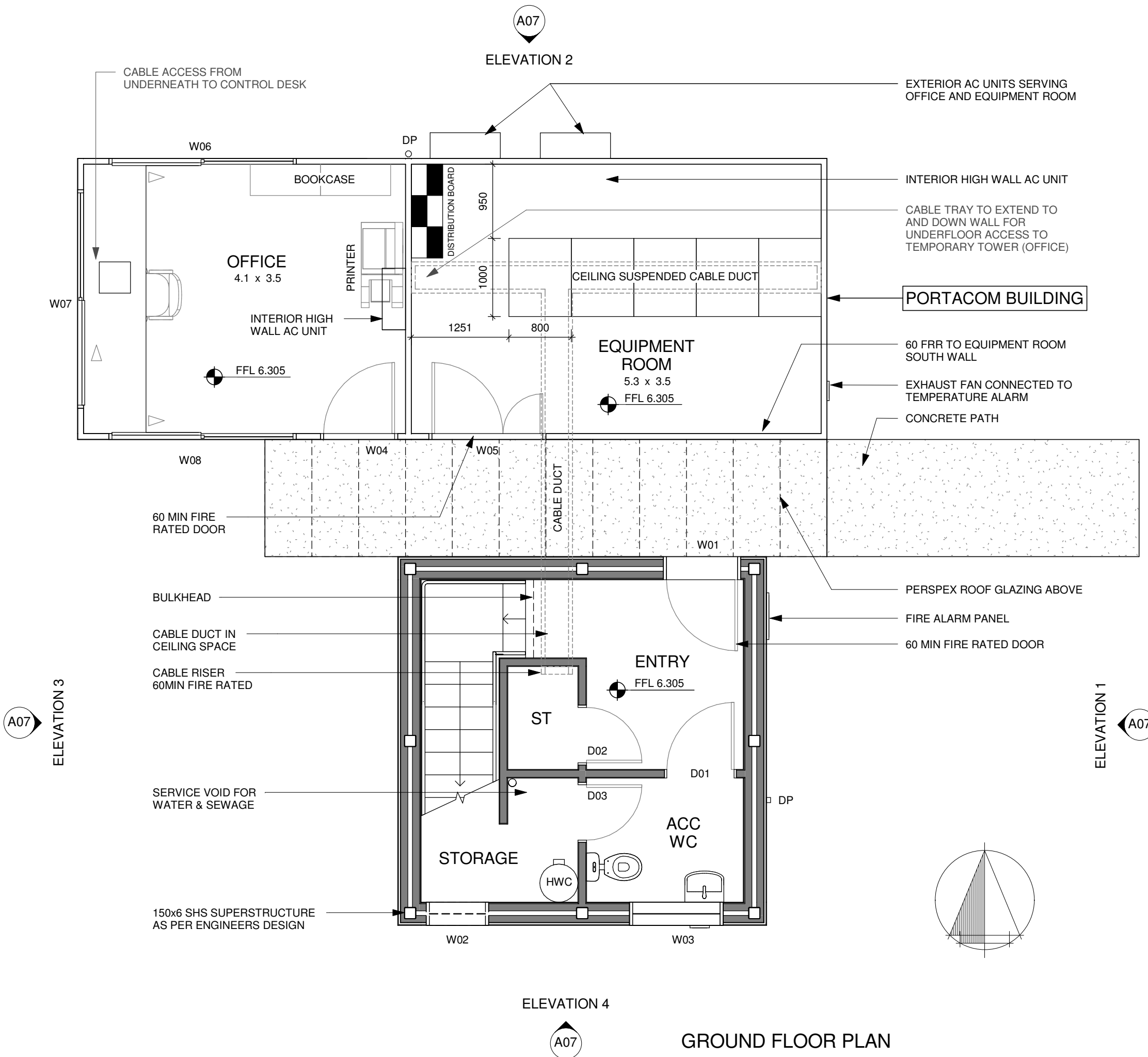
PROGRESS

LOCATION PLAN

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16082	28/07/16	A04	5

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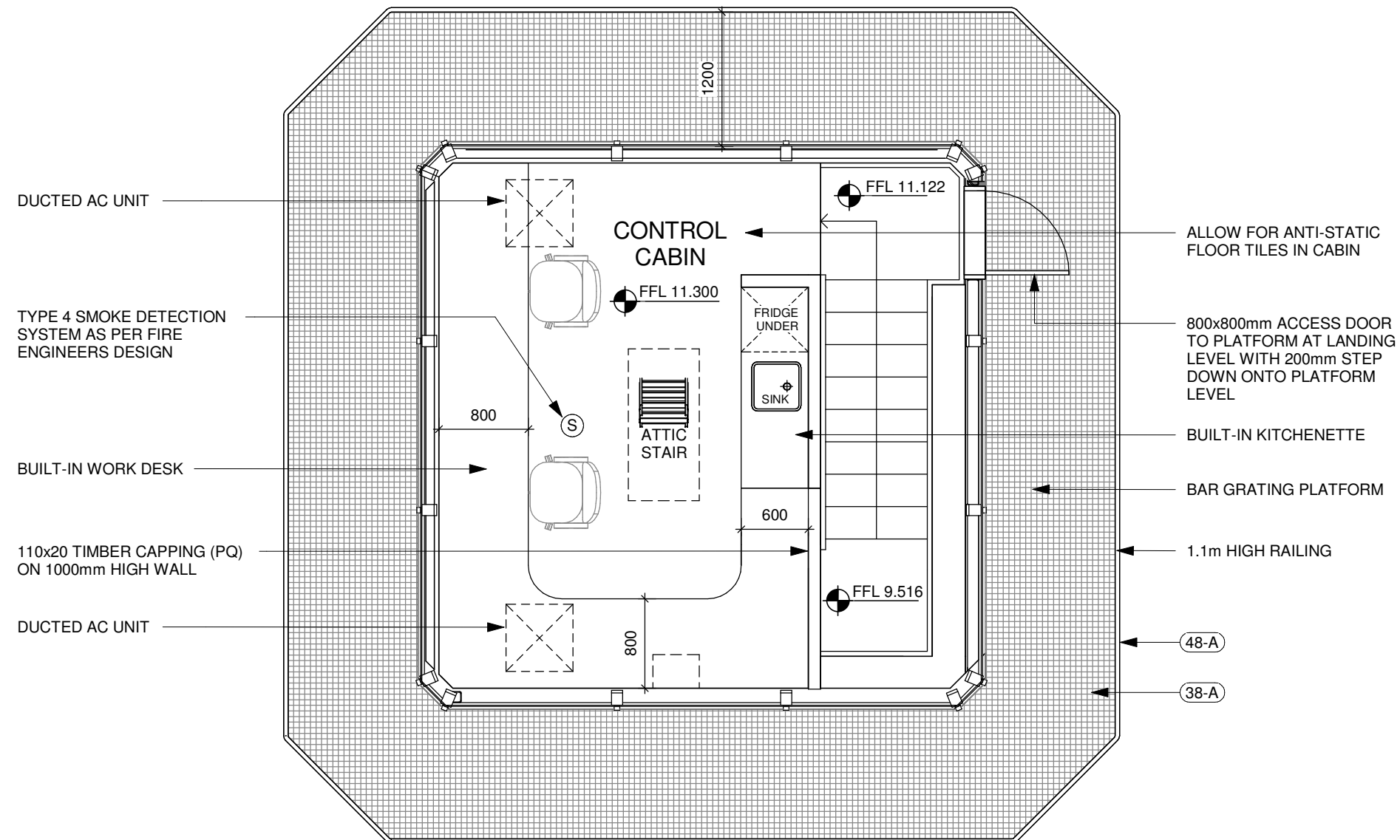
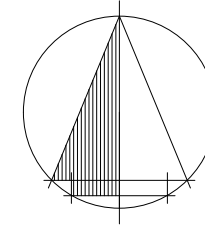
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**PROGRESS**

**GROUND FLOOR PLAN**

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CONTROL CABIN FLOOR PLAN  
1 : 50

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CONTROL TOWER  
for KCAHL  
AIRPORT  
PARAPARAUMU

PROGRESS

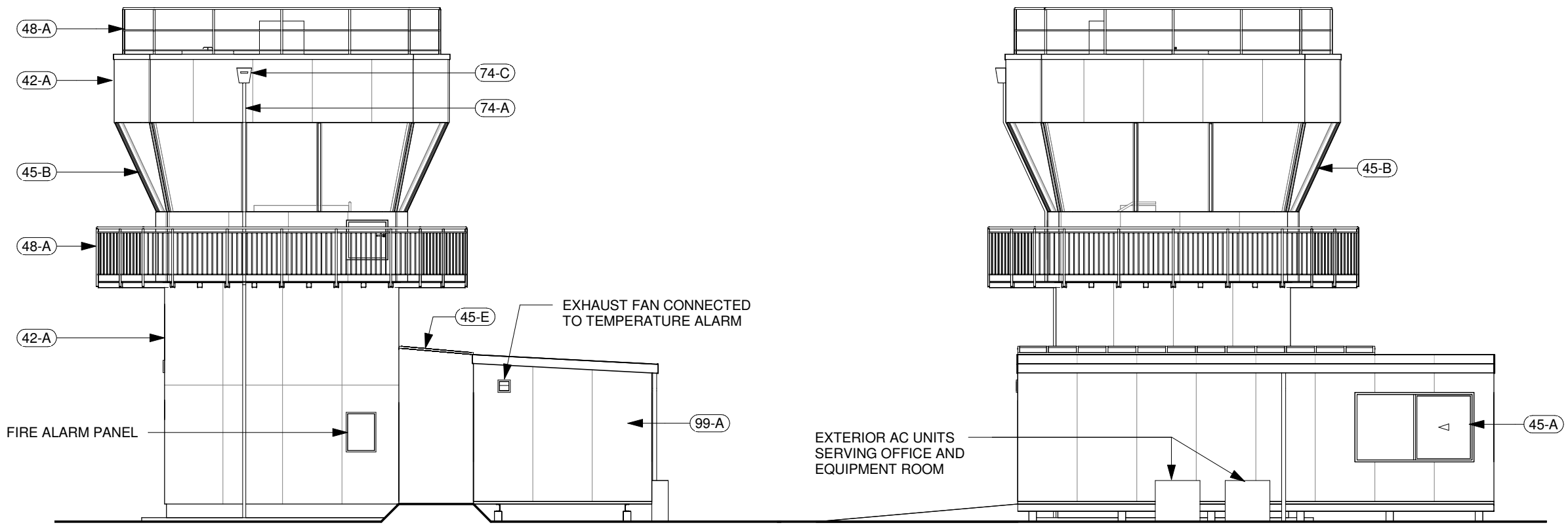
CONTROL CABIN FLOOR  
PLAN

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Job	Date	Sheet(A3)	Rev.
16082	28/07/16	A06	5

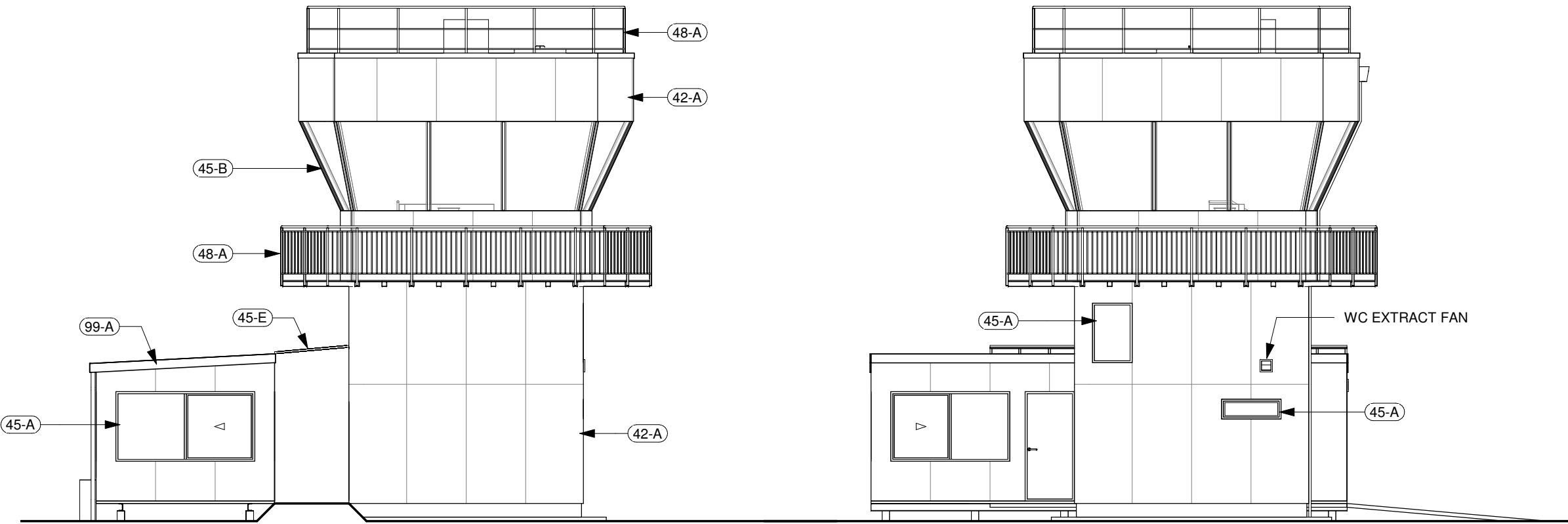
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ELEVATION 1  
1 : 100

ELEVATION 2  
1 : 100



ELEVATION 3  
1 : 100

ELEVATION 4  
1 : 100

KEYNOTE LEGEND	
42-A	PBS XPRESSCLAD CLADDING SYSTEM ON 6mm ETERPAN RIGID AIR BARRIER ON FRAMING
45-A	APL RESIDENTIAL SUITE POWDERCOAT ALUMINIUM DOUBLE GLAZED WINDOWS
45-B	TINTED DOUBLE GLAZED WINDOWS WITH FITTED BLINDS (TBC)
45-E	ROOF GLAZING - REFER EXTERIOR JOINERY SCHEDULE
48-A	KEEGUARD ROOF FALL PROTECTION RAILING OR SIM ALUMINIUM BALUSTRADE
74-A	MARLEY 65x50mm RECTANGULAR PVC DOWNPIPE
74-C	PROPRIETARY RAINHEAD
99-A	PORTACOM PROPRIETARY PORTABLE BUILDING

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**CONTROL TOWER**  
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AIRPORT  
PARAPARAUMU

**PROGRESS**

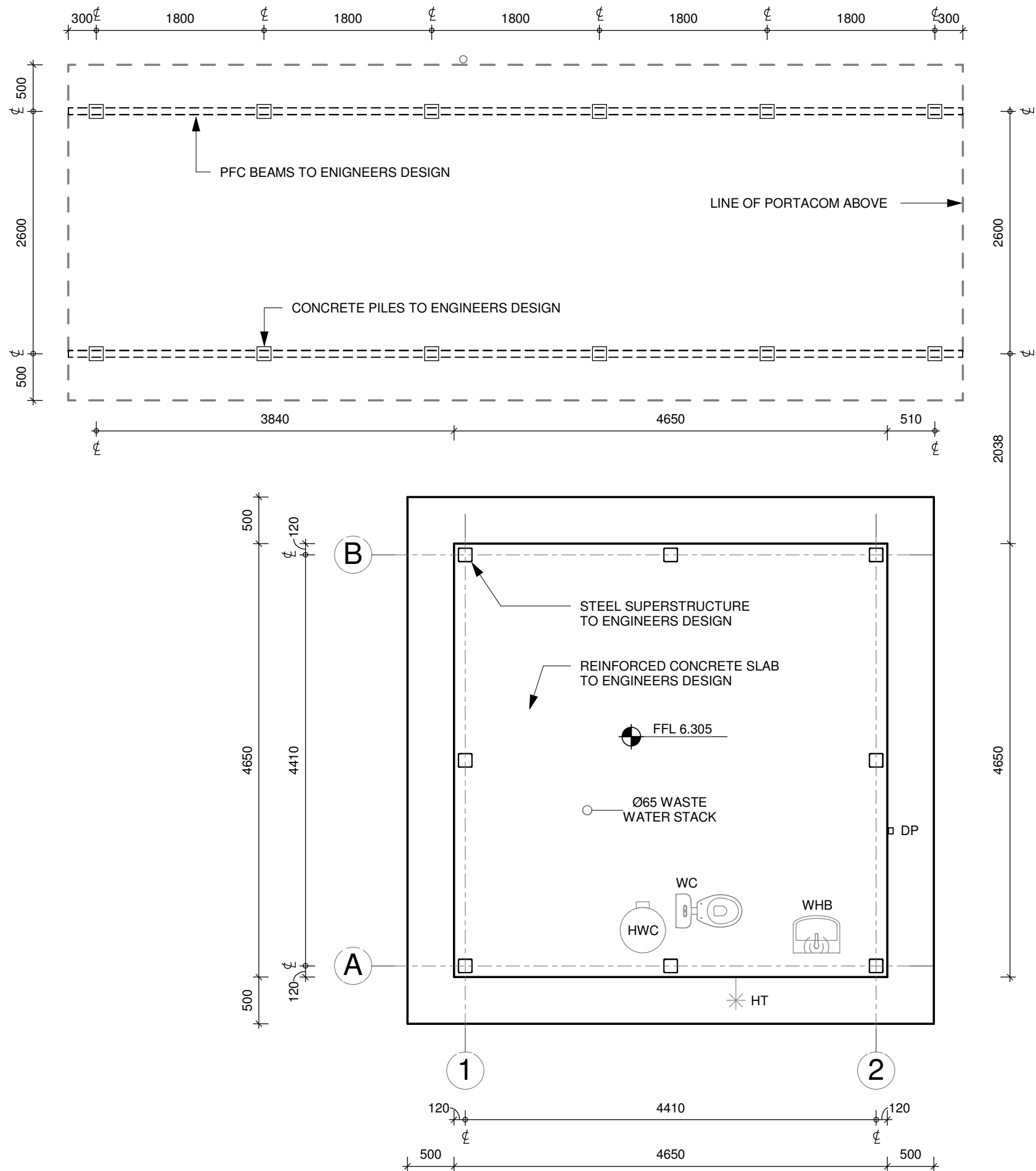
**ELEVATIONS**

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FOUNDATION PLAN  
1 : 50

- FOUNDATION NOTES**
- THIS PAGE IS TO BE READ IN CONJUNCTION WITH SHEET A02 - CONSTRUCTION NOTES FOR ADDITIONAL INFORMATION
  - ALL CONCRETE TO BE 20MPa UNLESS SPECIFIED OTHERWISE BY ENGINEER
  - ALL REINFORCING MESH TO BE GRADE 500E
  - COVER TO REINFORCING TO BE :
    - 75mm FOR CONCRETE AGAINST GROUND
    - 50mm FOR CONCRETE AGAINST FORMWORK
    - 30mm FOR SLAB MESH
  - FOUNDATION DETAILS TO ENGINEERS DESIGN
  - SEAL ALL SLAB PENETRATIONS WITH DPM MANUFACTURER APPROVED TAPE
  - REFER TO ENGINEERS DWGS FOR SAWCUT LOCATIONS
  - THIS SITE IS IN EXPOSURE ZONE D ( COASTAL CORROSION ). ALL FIXINGS AND CONNECTIONS EXPOSED TO THE AIR MUST BE STAINLESS STEEL
  - THIS SITE IS IN EXPOSURE ZONE C :
    - ALL TREATED TIMBER PILE CONNECTIONS AND SUBFLOOR FIXING CONNECTIONS WITHIN 600 FROM GROUND LEVEL OR IN EXPOSED SITUATIONS ARE TO BE TYPE 304 S.S.
    - ALL OTHER STRUCTURAL FIXINGS ( EXCEPT FABRICATED BRACKETS ) IN SHELTERED LOCATIONS TO BE HOT DIP GALVANISED, AND IN EXPOSED SITUATIONS TO BE TYPE 304 S.S.
    - ALL FABRICATED BRACKETS TO BE MINIMUM 5mm MILD STEEL AND HOT DIP GALVANISED
  - ALL FIXINGS IN CONTACT WITH TIMBER TREATED WITH COPPER QUATERNARY ( ACQ ) OR COPPER AZOLE ( CuAz ) PRESERVATIVE ARE TO BE TYPE 304 S.S. IN EXPOSED OR SHELTERED LOCATIONS, AND HOT DIPPED GALVANISED IN CLOSED SITUATIONS

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**CONTROL TOWER**  
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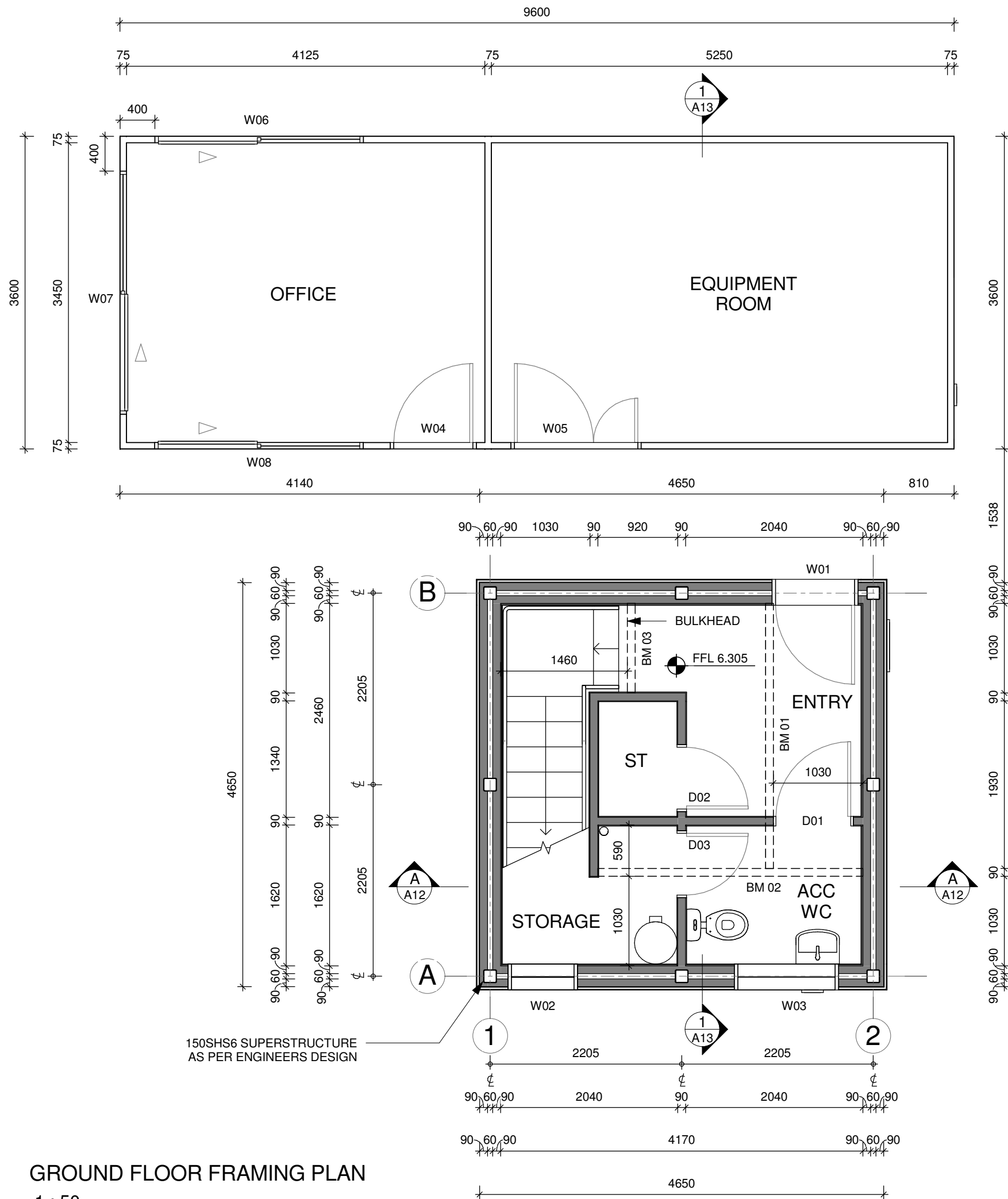
**FOUNDATION PLAN**

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Job	Date	Sheet(A3)	Rev.
16082	28/07/16	A08	5

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BEAM SCHEDULE					
MARK	SIZE/TYPE	GRADE	TREATMENT	DESIGN	NOTES
BM 01	240x90	SG8	H1.2	per 3604	IN CEILING SPACE
BM 02	240x90	SG8	H1.2	per 3604	IN CEILING SPACE
BM 03	240x90	SG8	H1.2	per 3604	IN CEILING SPACE
BM 04	200x75PFC			by Engineer	IN FLOOR SPACE
BM 05	200x75PFC			by Engineer	IN FLOOR SPACE
BM 06	200x75PFC			by Engineer	IN FLOOR SPACE
BM 07	200x75PFC			by Engineer	IN FLOOR SPACE

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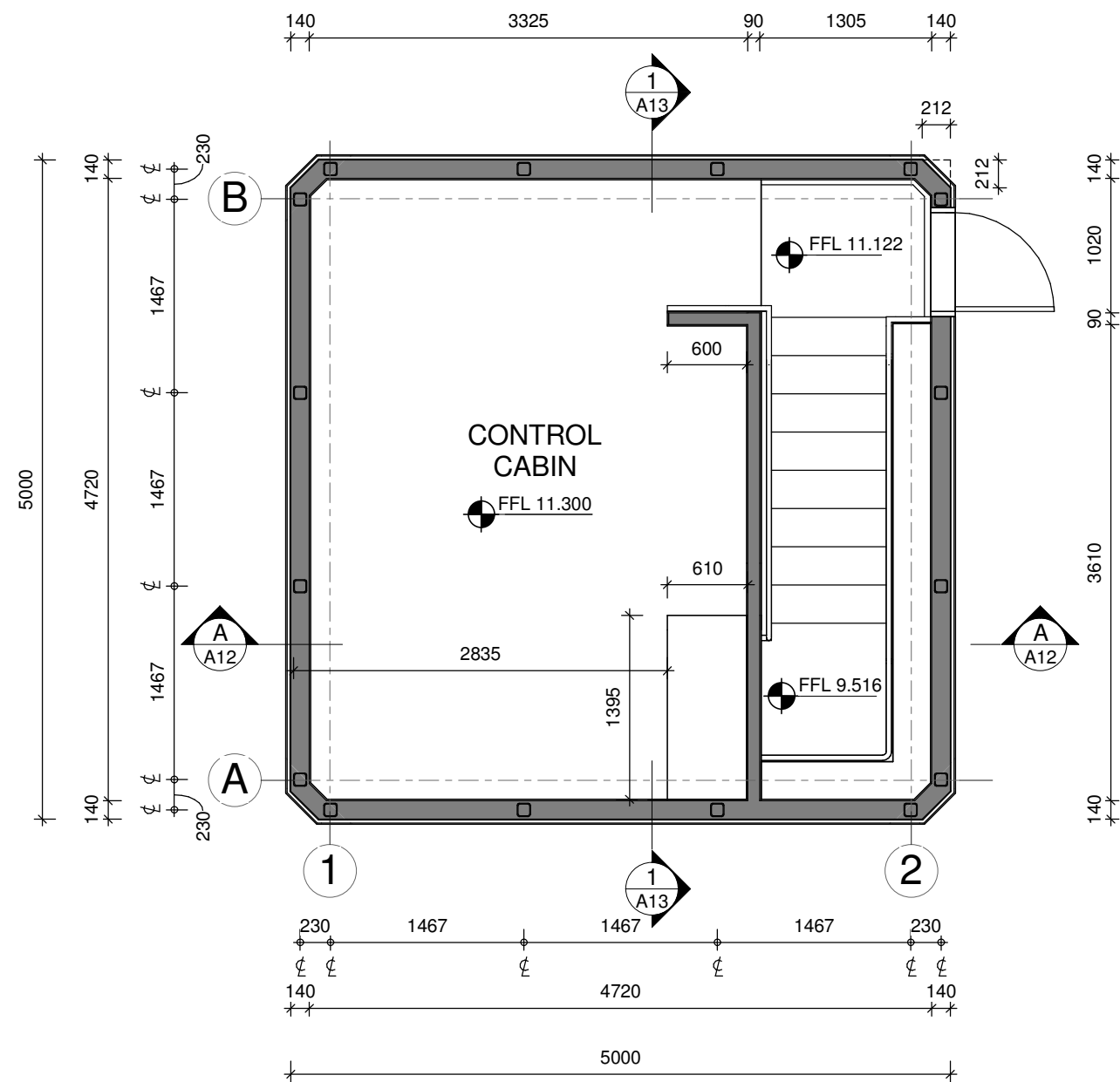
GROUND FLOOR  
FRAMING PLAN

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16082	28/07/16	A09	5

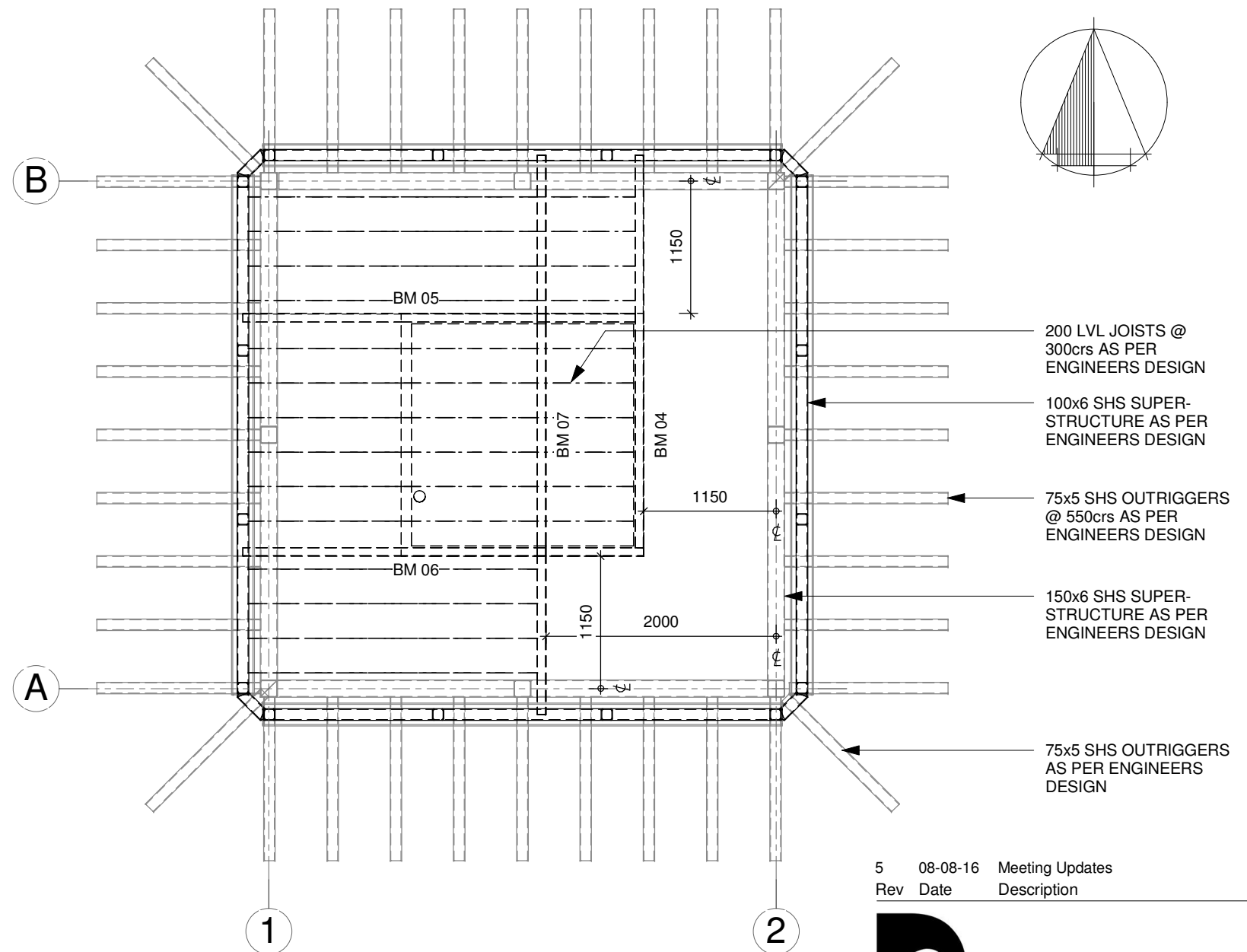
GROUND FLOOR FRAMING PLAN  
1 : 50

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CONTROL CABIN FRAMING PLAN  
1 : 50

BEAM SCHEDULE					
MARK	SIZE/TYPE	GRADE	TREATMENT	DESIGN	NOTES
BM 01	240x90	SG8	H1.2	per 3604	IN CEILING SPACE
BM 02	240x90	SG8	H1.2	per 3604	IN CEILING SPACE
BM 03	240x90	SG8	H1.2	per 3604	IN CEILING SPACE
BM 04	200x75PFC			by Engineer	IN FLOOR SPACE
BM 05	200x75PFC			by Engineer	IN FLOOR SPACE
BM 06	200x75PFC			by Engineer	IN FLOOR SPACE
BM 07	200x75PFC			by Engineer	IN FLOOR SPACE



CONTROL CABIN JOIST PLAN  
1 : 50

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## CONTROL TOWER

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## PROGRESS

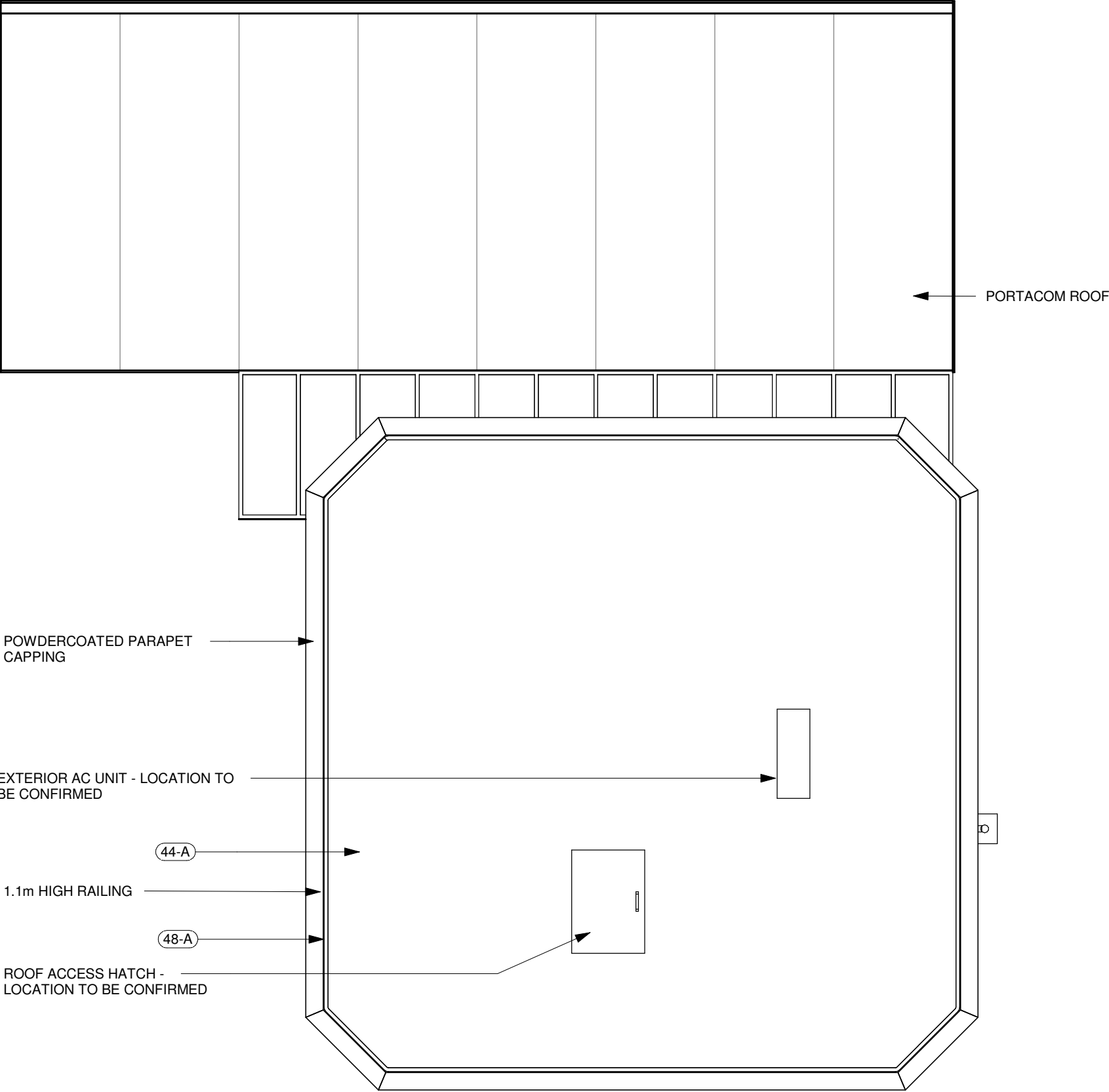
## CONTROL CABIN FRAMING & JOIST PLAN

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16082 28/07/16 A10 5

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ROOF PLAN  
1 : 50

KEYNOTE LEGEND	
44-A	MEMBRANE ON 17mm H3 CCA PLY LAID AT 2° FALL ON FRAMING @ 400crs
48-A	KEEGUARD ROOF FALL PROTECTION RAILING OR SIM ALUMINIUM BALUSTRADE

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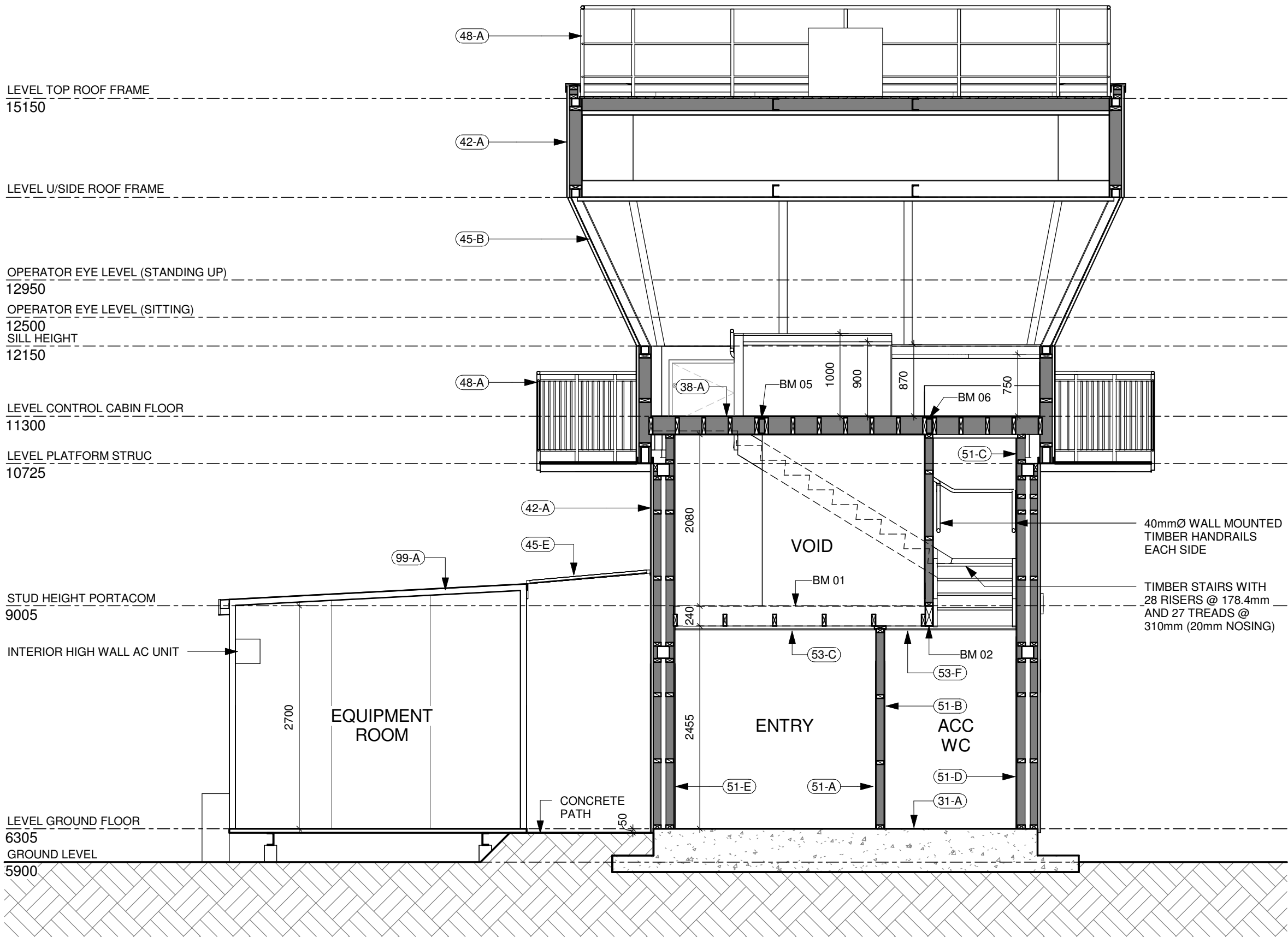
ROOF PLAN

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SECTION B  
1 : 50

KEYNOTE LEGEND	
31-A	500mm CONCRETE SLAB ON POLYTHENE DPM ON SAND BLINDING ON SOLID BEARING TO ENGINEERS DESIGN
38-A	25mm H3 CAA PLYWOOD ON 200x45 LVL FLOOR JOISTS @ 300crs TO ENGINEERS DESIGN
42-A	PBS XPRESSCLAD CLADDING SYSTEM ON 6mm ETERPAN RIGID AIR BARRIER ON FRAMING
45-B	TINTED DOUBLE GLAZED WINDOWS WITH FITTED BLINDS (TBC)
45-E	ROOF GLAZING - REFER EXTERIOR JOINERY SCHEDULE
48-A	KEEGUARD ROOF FALL PROTECTION RAILING OR SIM ALUMINIUM BALUSTRADE
51-A	10mm GIB STANDARD WALL LINING
51-B	10mm GIB AQUALINE WALL LINING
51-C	2x 10mm GIB STANDARD WALL LINING
51-D	10mm GIB AQUALINE WALL LINING ON 10mm GIB STANDARD WALL LINING
51-E	2x 10mm GIB FYRELINE WALL LINING
53-C	10mm GIB ULTRALINE ON 70x35 H1.2 TIMBER BATTENS @ 450crs
53-F	13mm GIB AQUALINE ON 70x35 H1.2 TIMBER BATTENS @ 600crs
99-A	PORTACOM PROPRIETARY PORTABLE BUILDING

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CONTROL TOWER  
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PROGRESS

BUILDING SECTION

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