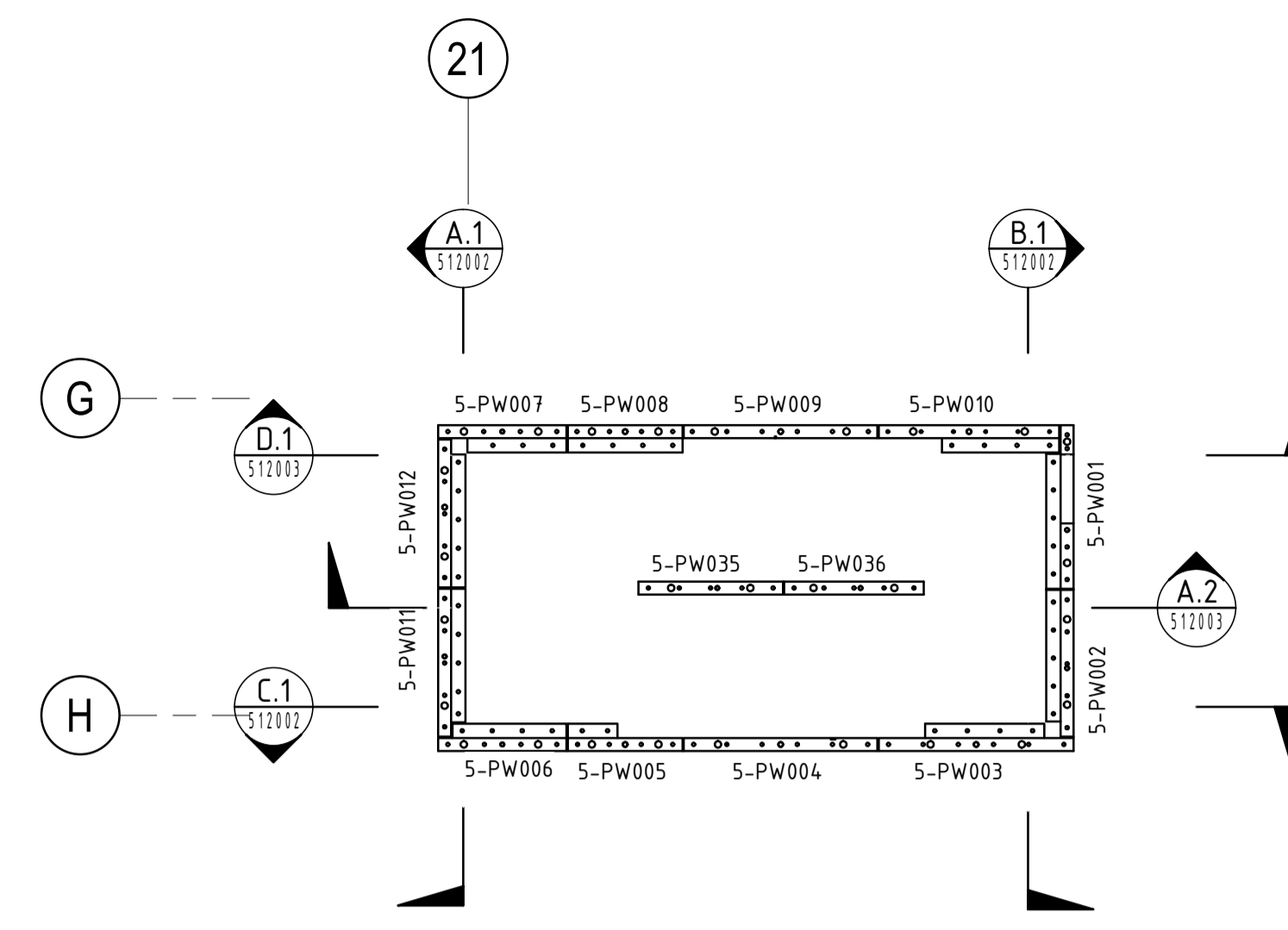
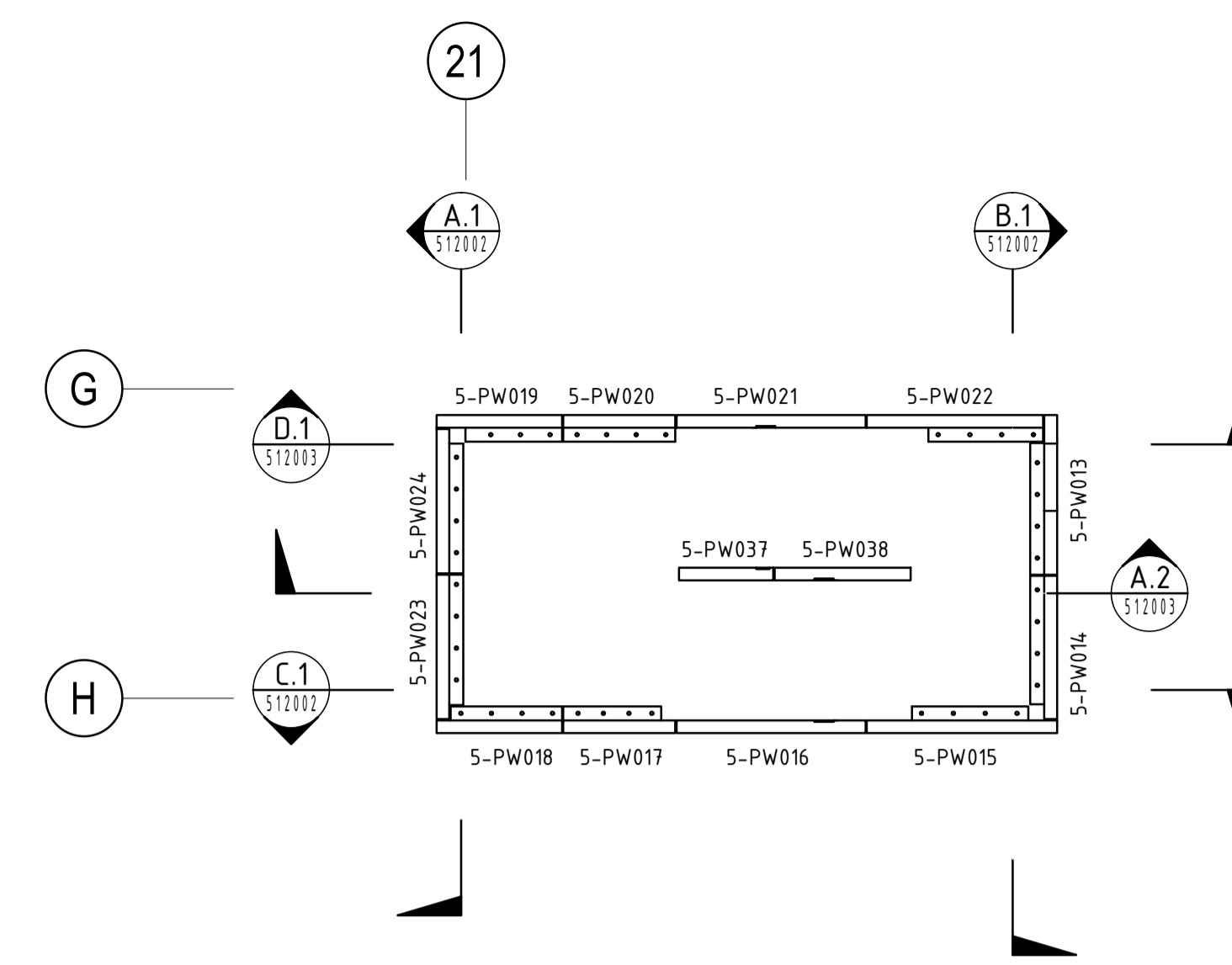


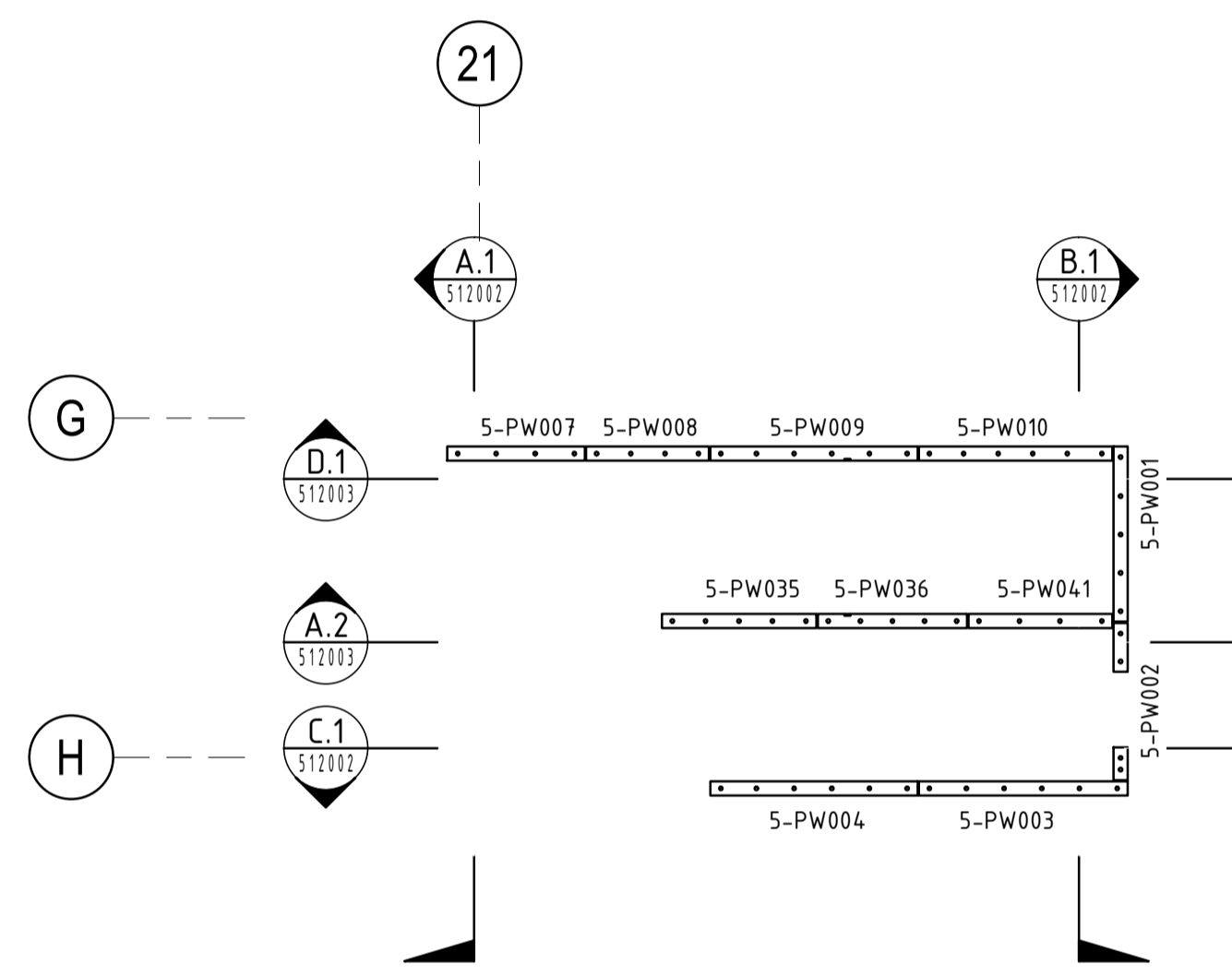
**BASEMENT LEVEL 3 - SOUTH STAIR**  
1 : 100



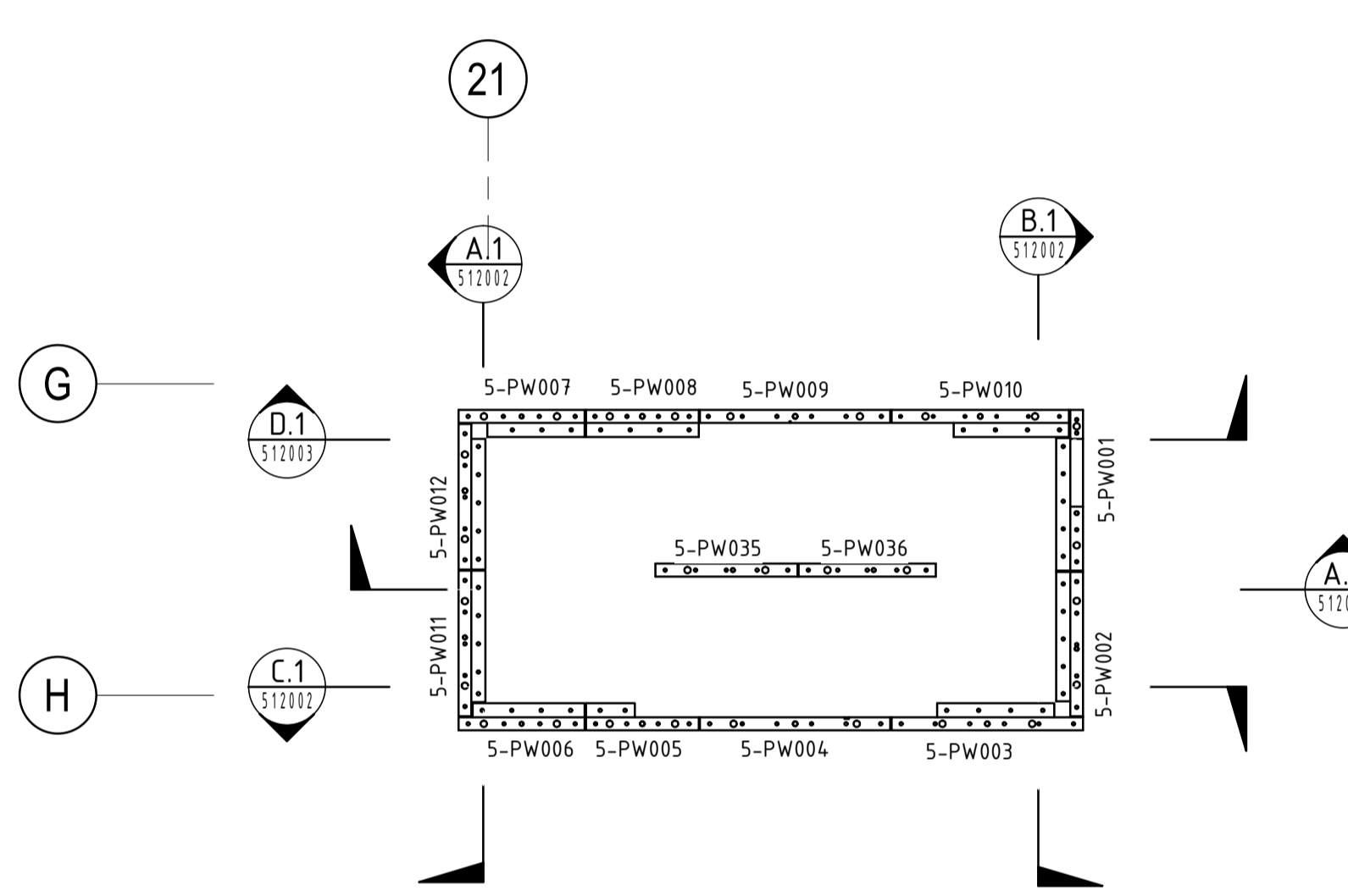
**BASEMENT LEVEL 1 - SOUTH STAIR**  
1 : 100



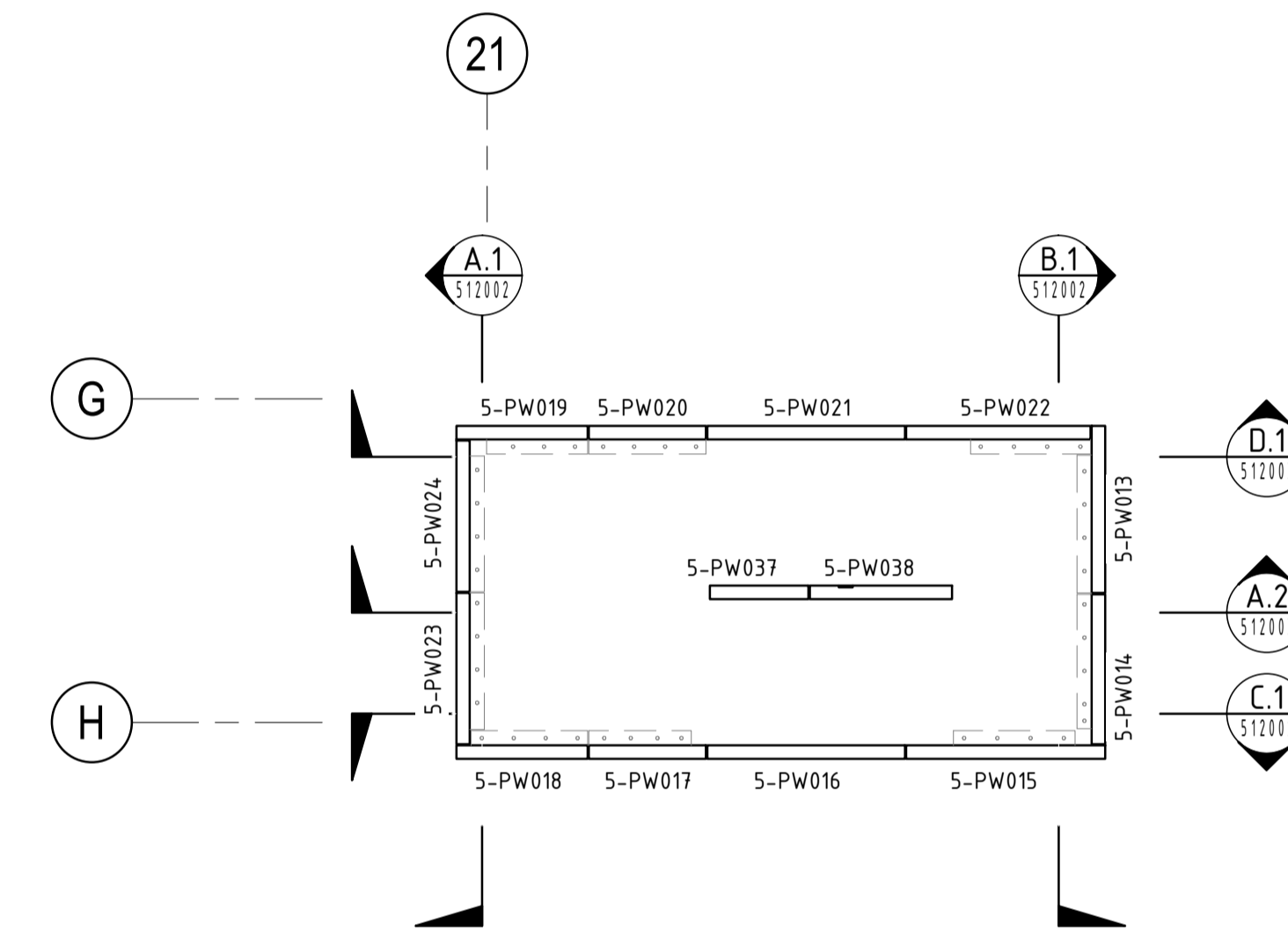
**N-S CONCOURSE - SOUTH STAIR +2.5m**  
1 : 100



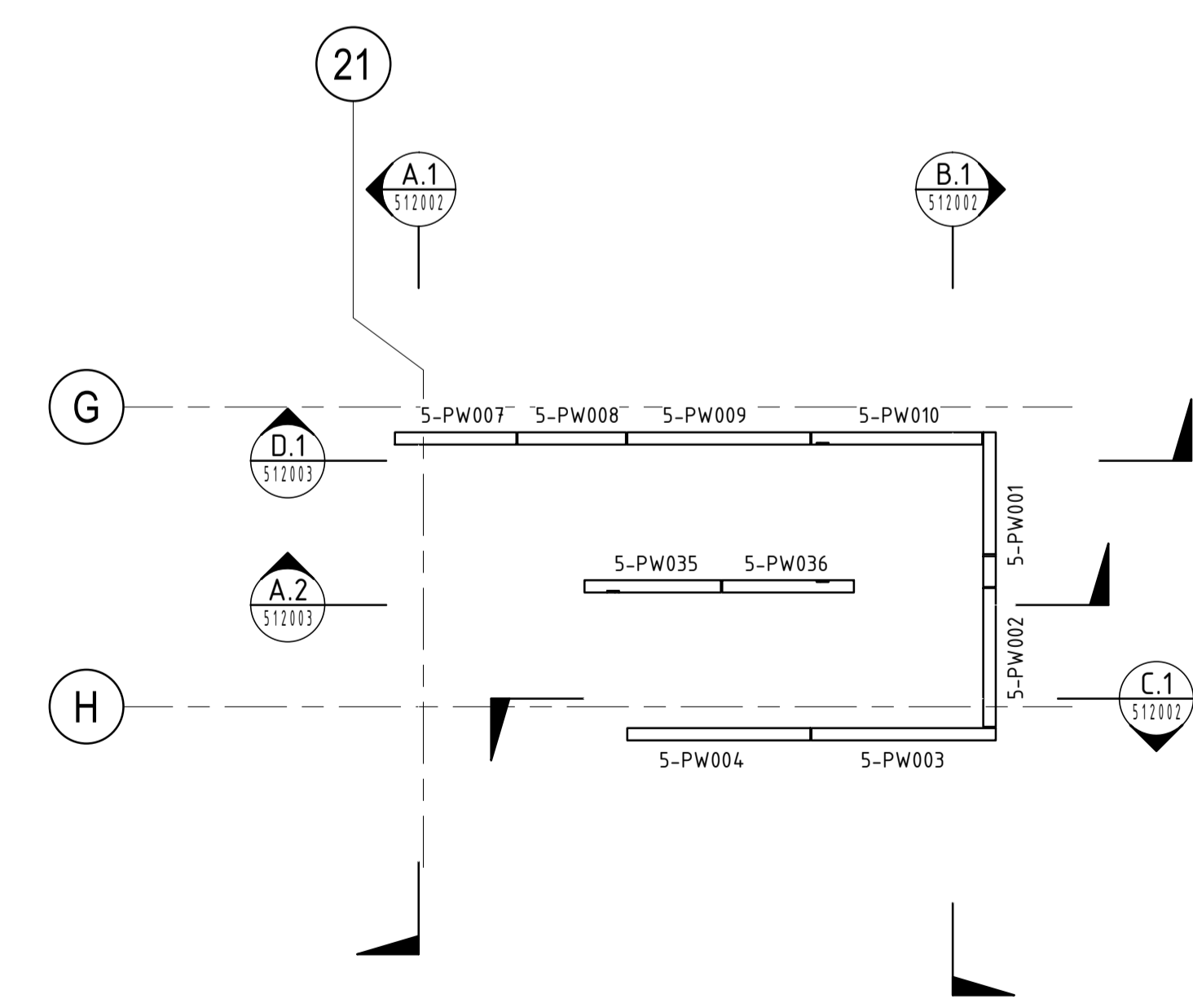
**BASEMENT LEVEL 3 - SOUTH STAIR +2m**  
1 : 100



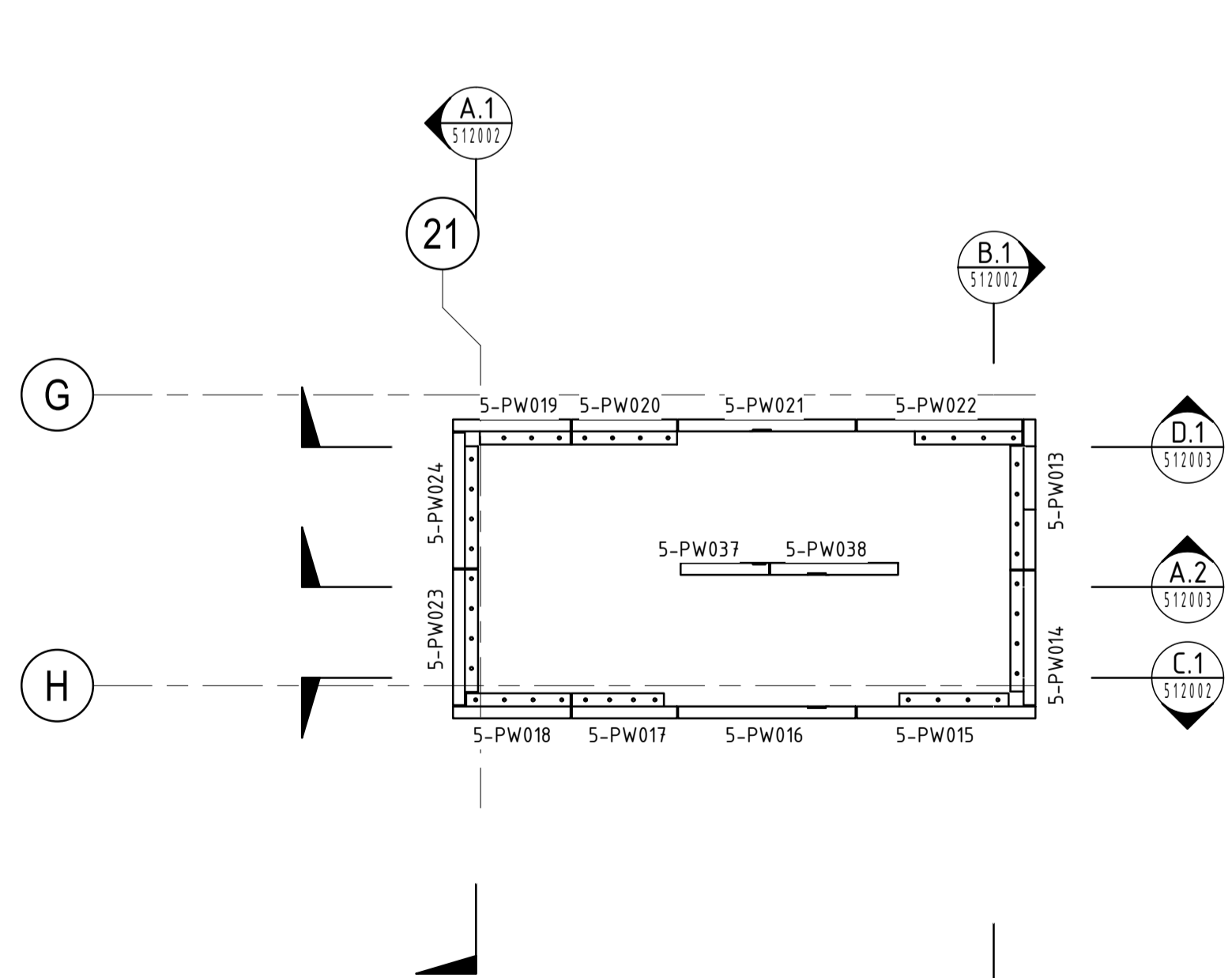
**BASEMENT LEVEL 1 - SOUTH STAIR +2.5m**  
1 : 100



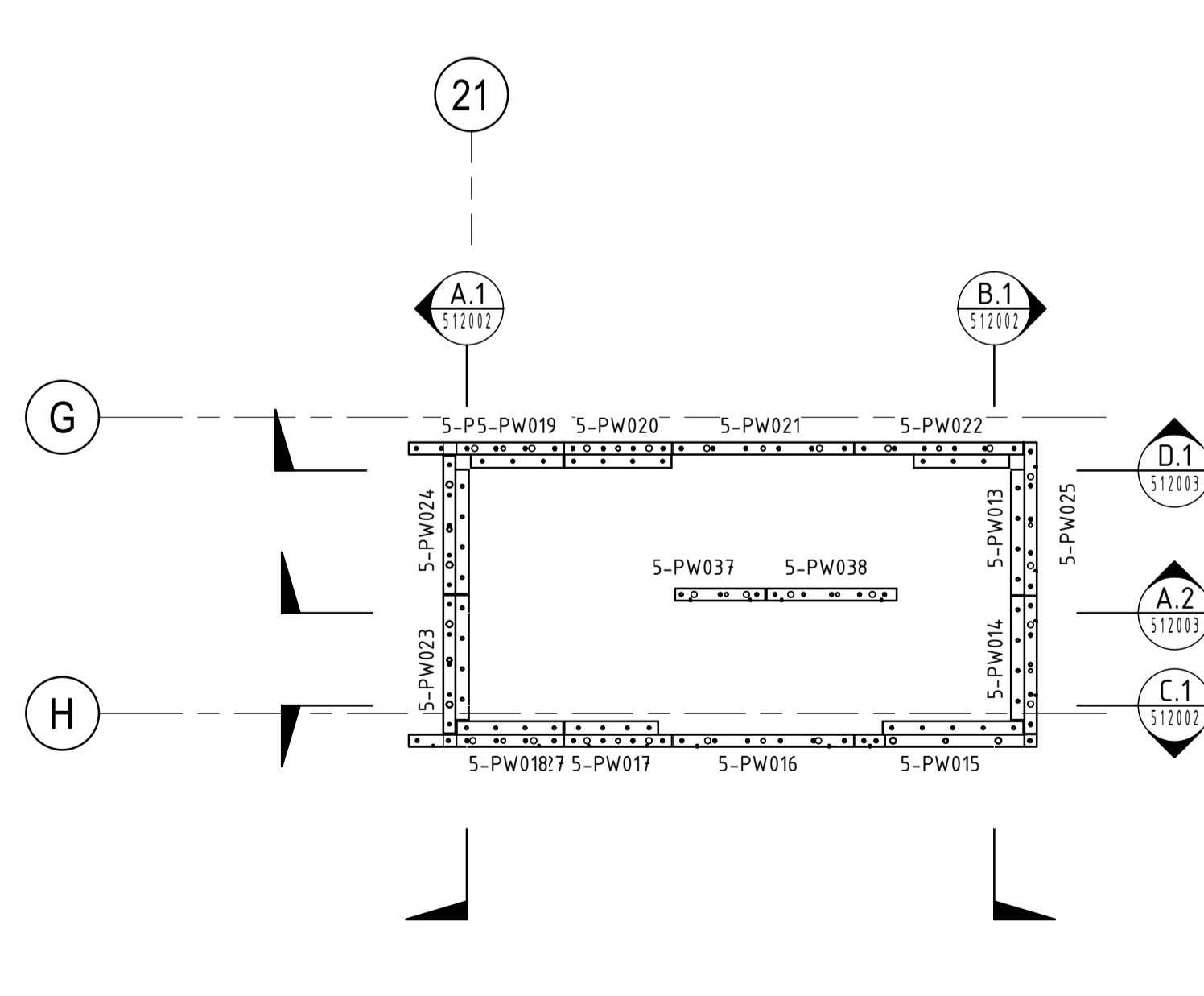
**INTERCITY TRACK SLAB - SOUTH STAIR**  
1 : 100



**BASEMENT LEVEL 2 - SOUTH STAIR +1m**  
1 : 100



**N-S CONCOURSE - SOUTH STAIR**  
1 : 100



**INTERCITY PLATFORM - SOUTH STAIR**  
1 : 100

- General Notes:-**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH PRECAST STANDARD NOTES DRAWING SMCSWCSM-DJV-BD-00-DWG-ST-400100 SERIES.
  - ALL PRECAST ELEMENTS ARE 50MPa CONCRETE
  - PROVIDE PRECAST PANEL TEMPORARY SUPPORT AND REMOVE ONLY AFTER WALLS ARE LOCKED IN POSITION
  - ALL EDGES IN CONTACT WITH INSITU CONCRETE TO HAVE A ROUGHENED SURFACE

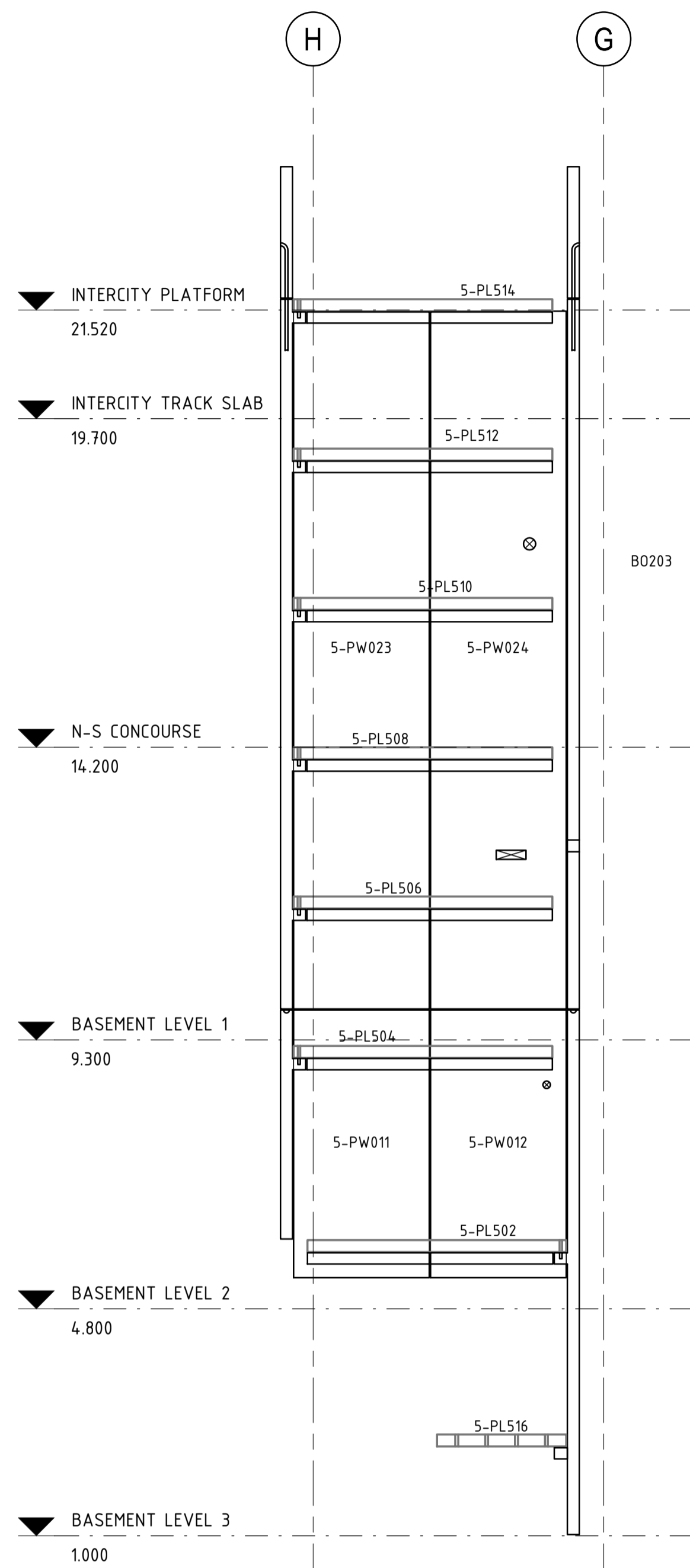
REV.	DATE	ISSUED FOR APPROVAL COMMENTS	RS DFT	HP CHK
A	16/06/2021	ISSUED FOR APPROVAL	RS	HP

DESIGNED BY: CLIENT  
 DRAWN BY: RS  
 CHECKED BY: HP

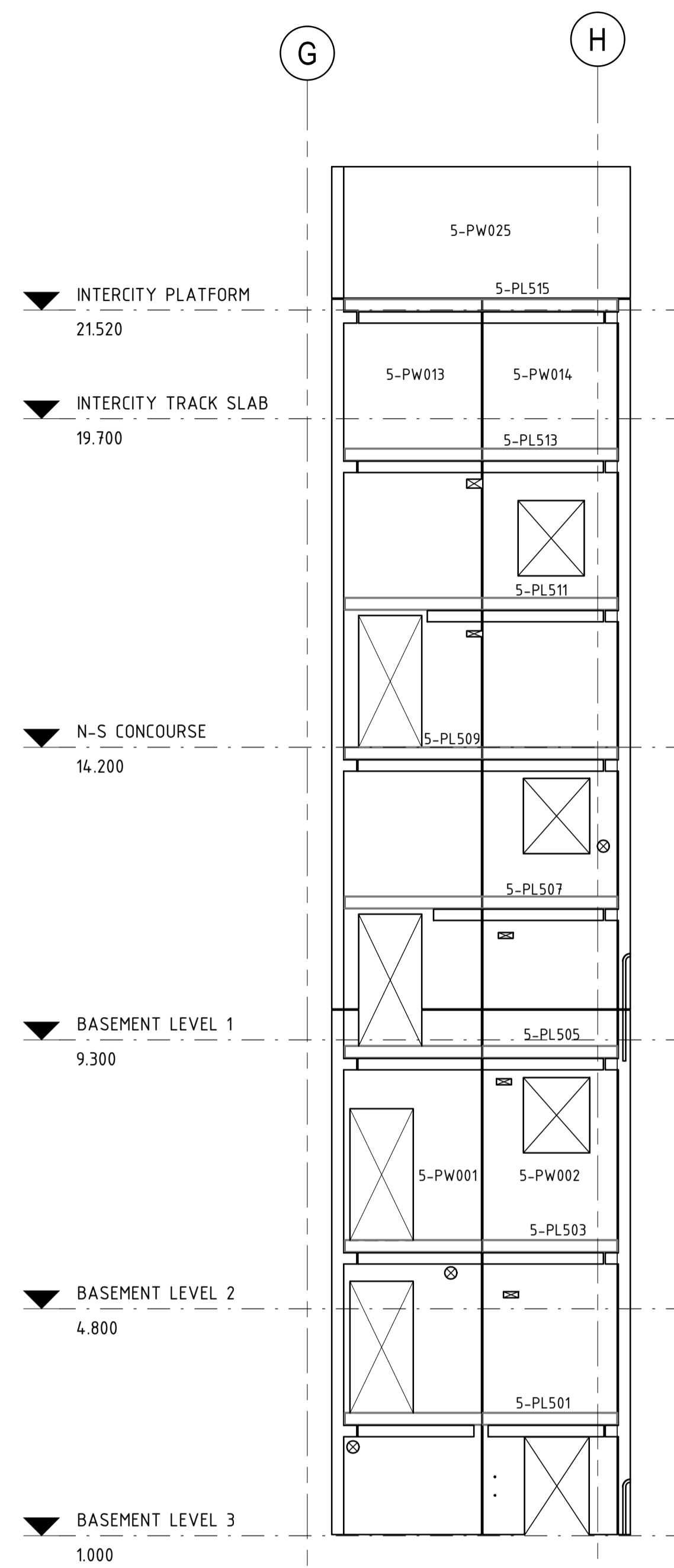
**LAING O'ROURKE**  
 METRO BOX - PRECAST CONCRETE  
**AREA 5 GENERAL ARRANGEMENT**  
**PLANVIEW OF PANEL, FLIGHT & LANDING**

DRAWING STATUS: **ISSUED FOR APPROVAL**

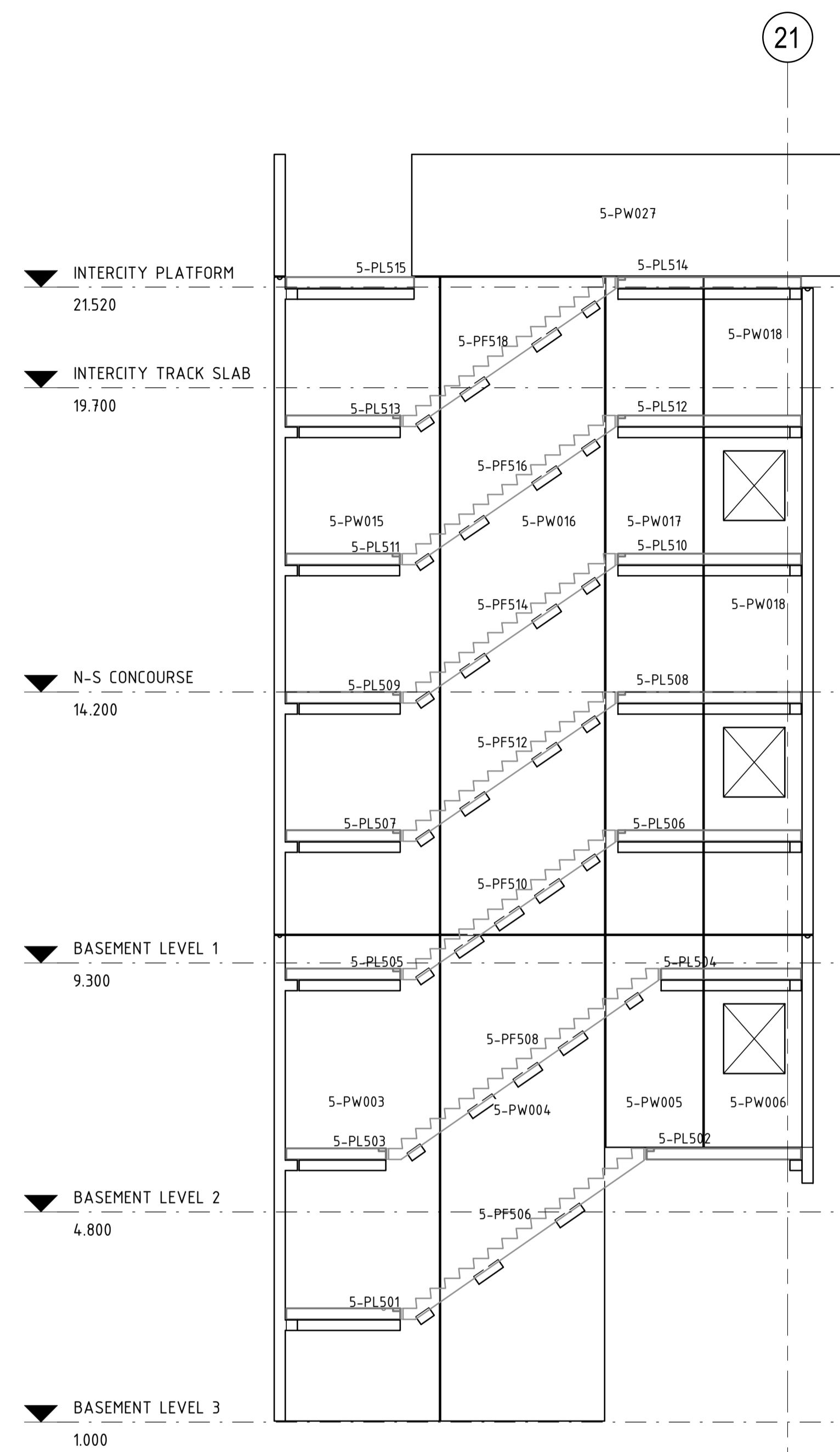
JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWCSM-WAE-BD-20-DWG-ST-512001	A



SECTION **A.1**  
1 : 75 512001



SECTION **B.1**  
1 : 75 512001



SECTION **C.1**  
1 : 75 512001

**General Notes:-**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH PRECAST STANDARD NOTES DRAWING SMCSWCSM-DJV-BD-00-DWG-ST-400100 SERIES.
2. ALL PRECAST ELEMENTS ARE 50MPa CONCRETE
3. PROVIDE PRECAST PANEL TEMPORARY SUPPORT AND REMOVE ONLY AFTER WALLS ARE LOCKED IN POSITION
4. ALL EDGES IN CONTACT WITH INSITU CONCRETE TO HAVE A ROUGHENED SURFACE

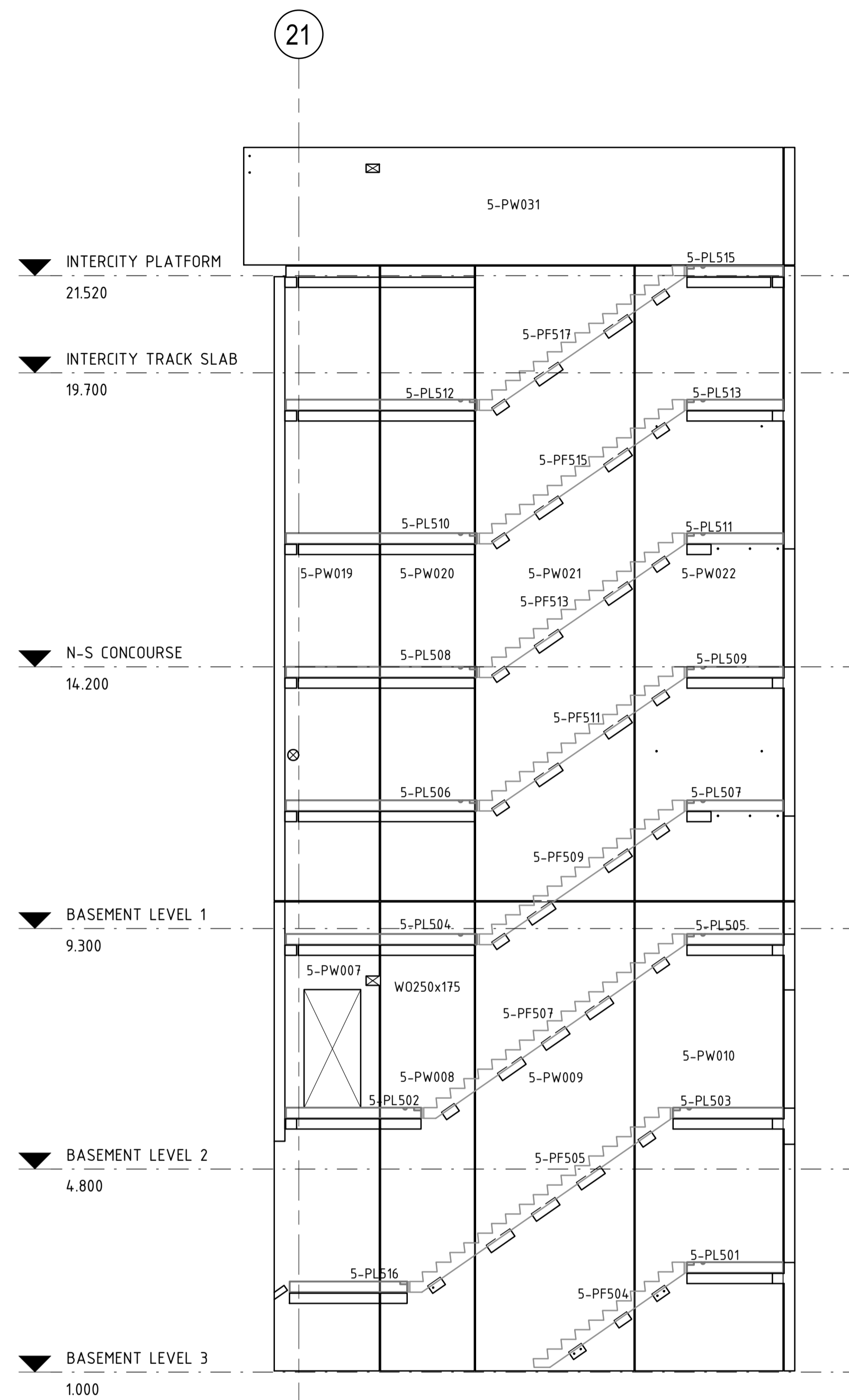
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A	16/06/2021	ISSUED FOR APPROVAL	RS	HP

DESIGNED BY: CLIENT  
 DRAWN BY: RS  
 CHECKED BY: HP

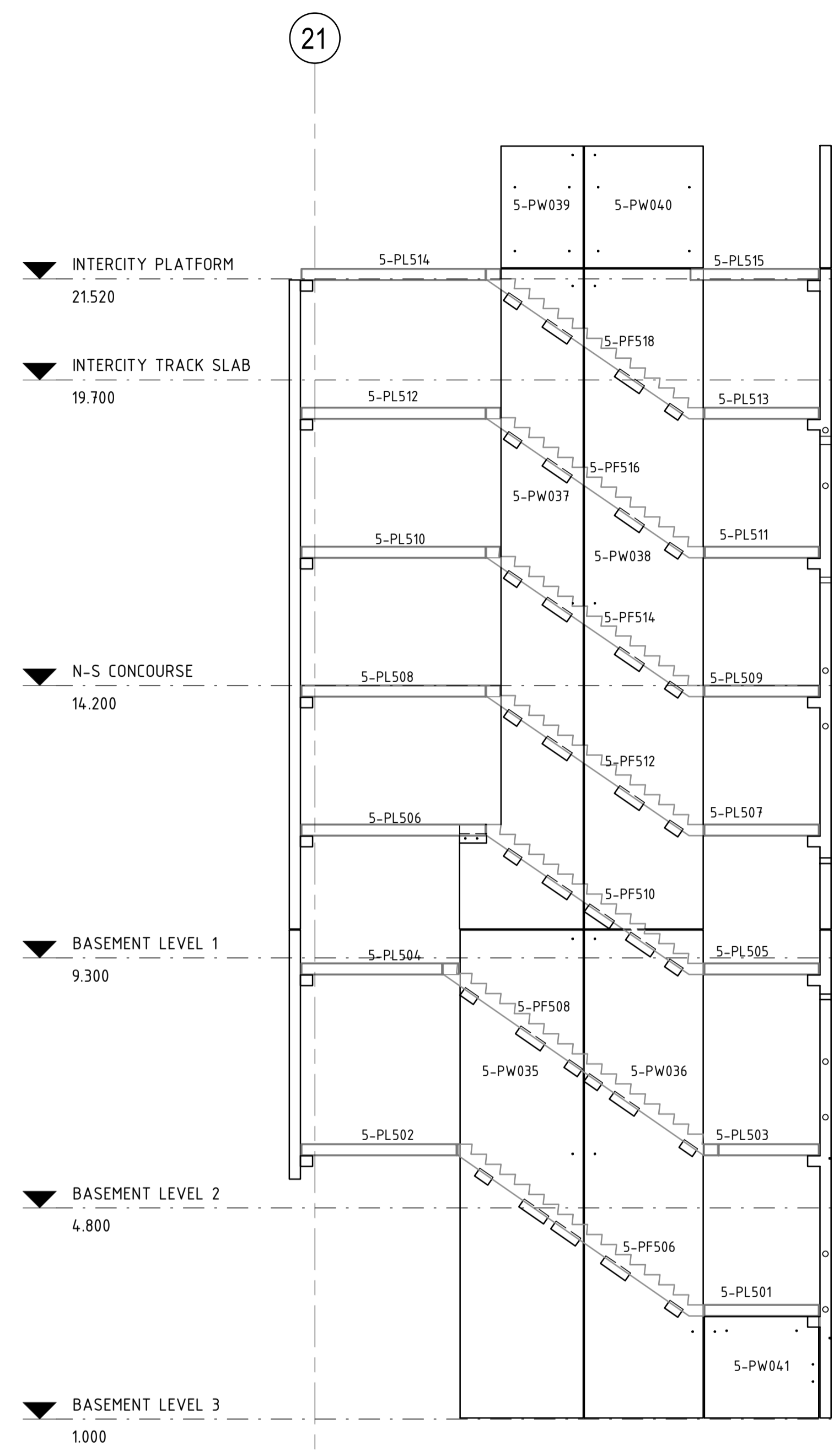
**LAING O'ROURKE**  
 METRO BOX - PRECAST CONCRETE  
**AREA 5 GENERAL ARRANGEMENT**  
**ELEVATION DRAWINGS**

DRAWING STATUS **ISSUED FOR APPROVAL**

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWCSM-WAE-BD-20-DWG-ST-512002	A



SECTION **D.1**  
1 : 75 512001



SECTION **A.2**  
1 : 75 512001

**General Notes:-**

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH PRECAST STANDARD NOTES DRAWING SMCSWCSM-DJV-BD-00-DWG-ST-400100 SERIES.
2. ALL PRECAST ELEMENTS ARE 50MPa CONCRETE
3. PROVIDE PRECAST PANEL TEMPORARY SUPPORT AND REMOVE ONLY AFTER WALLS ARE LOCKED IN POSITION
4. ALL EDGES IN CONTACT WITH INSITU CONCRETE TO HAVE A ROUGHENED SURFACE

REV.	DATE	COMMENTS	RS DFT	HP CHK
A	16/06/2021	ISSUED FOR APPROVAL	RS	HP

DESIGNED BY: CLIENT  
DRAWN BY: RS  
CHECKED BY: HP

**LAING O'ROURKE**  
METRO BOX - PRECAST CONCRETE  
**AREA 5 GENERAL ARRANGEMENT**  
**ELEVATION DRAWINGS**

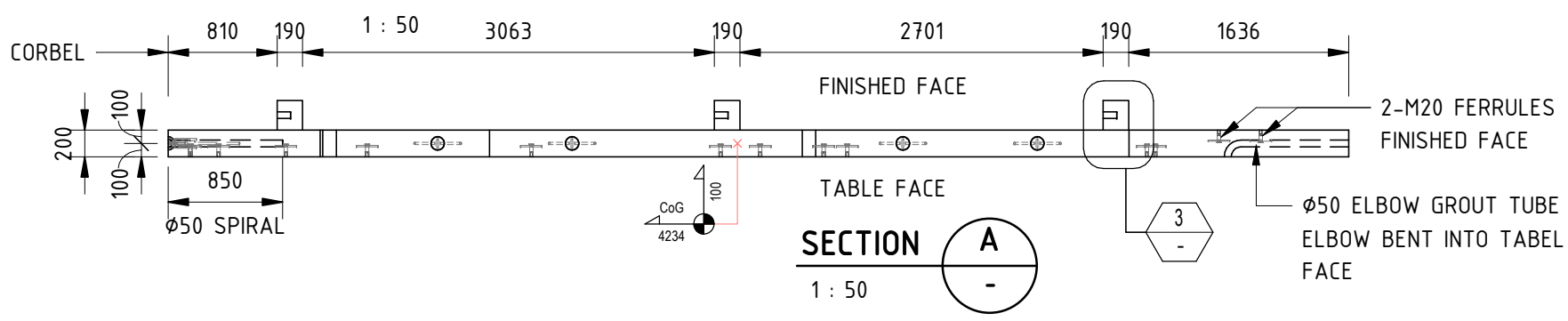
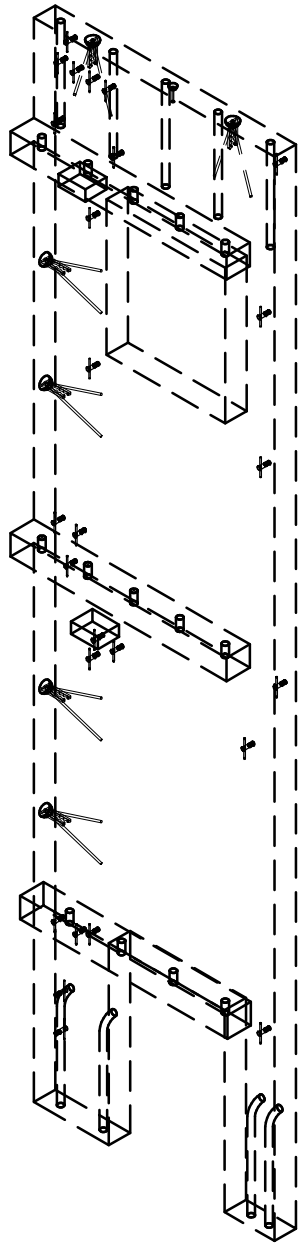
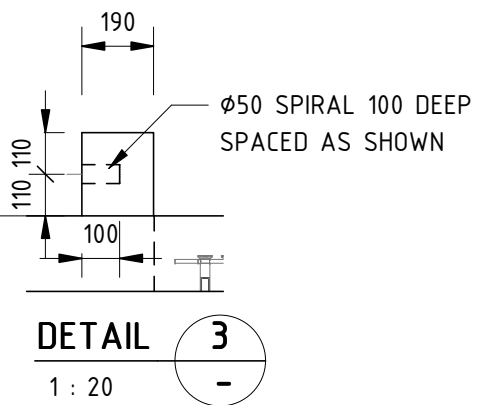
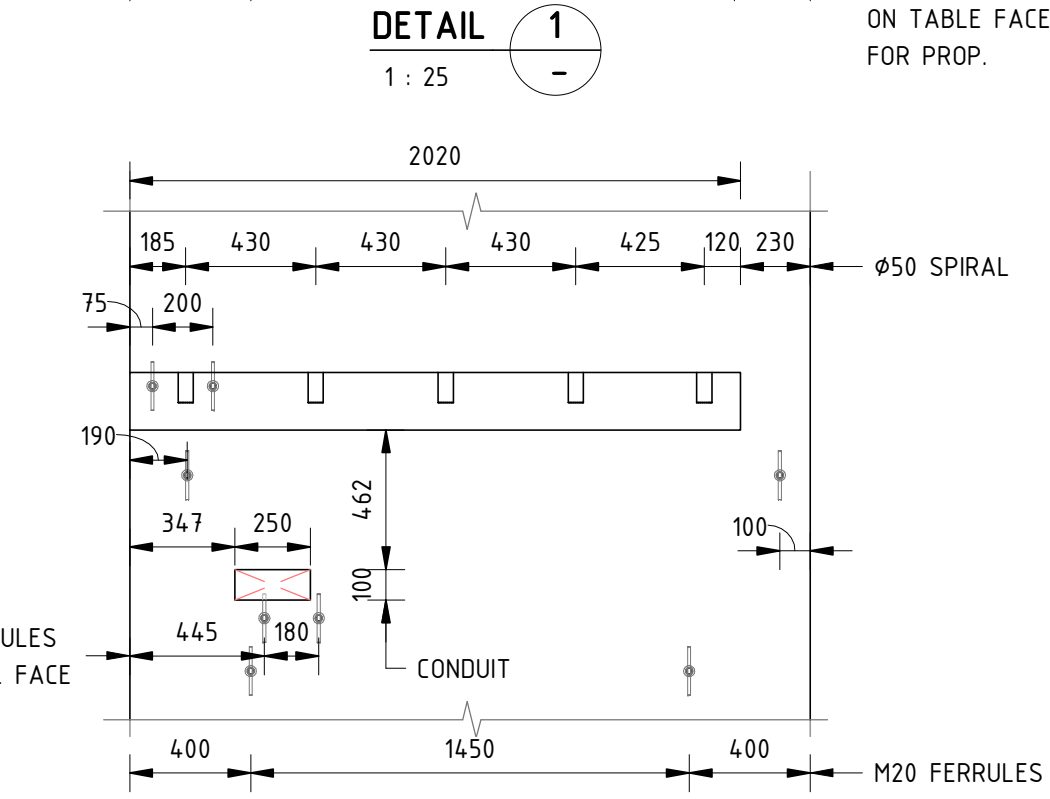
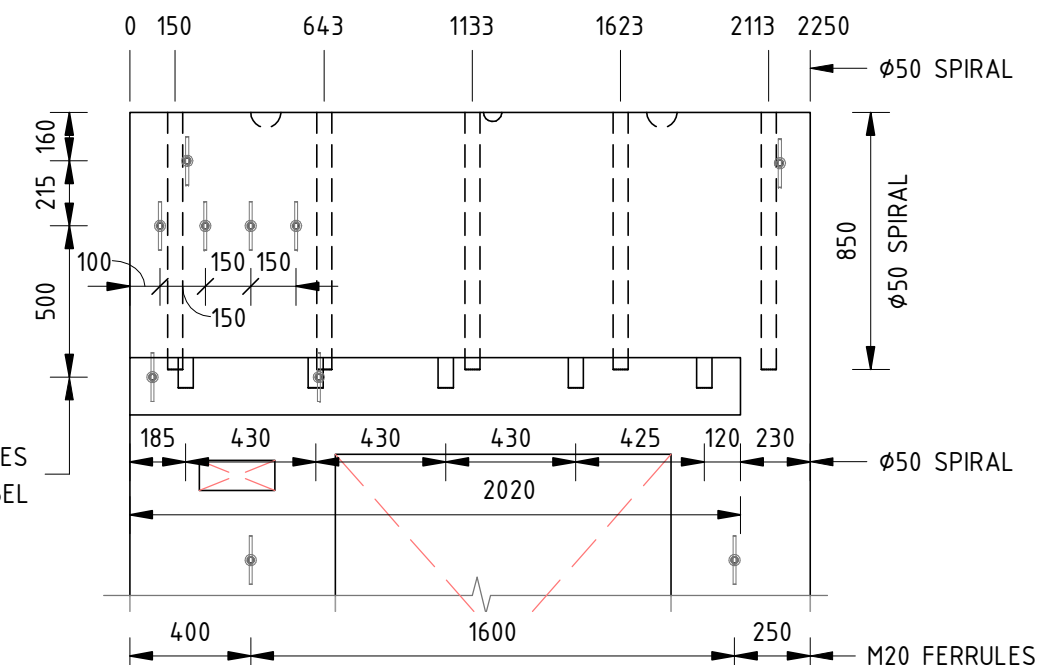
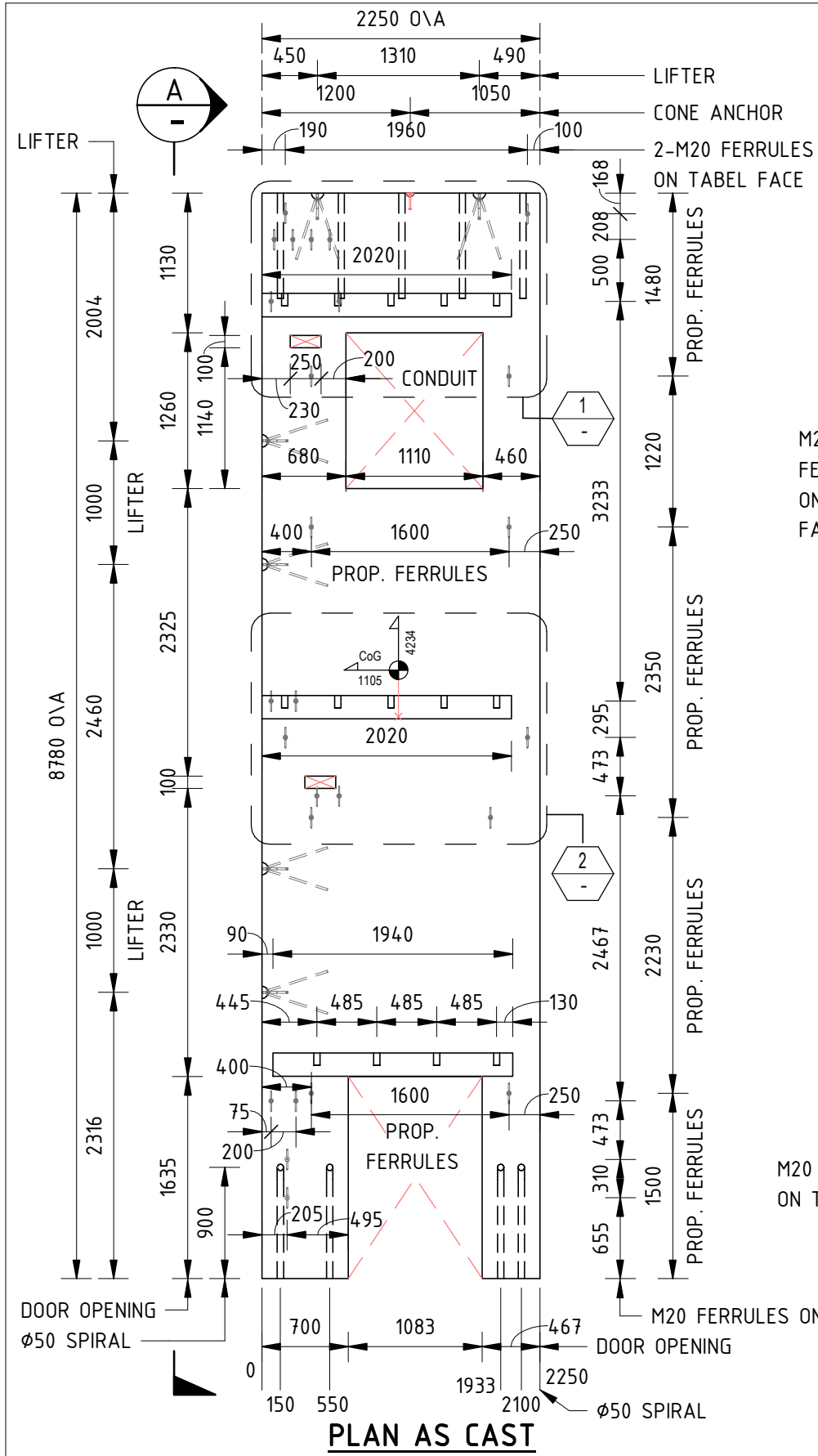
DRAWING STATUS: **ISSUED FOR APPROVAL**

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWCSM-WAE-BD-20-DWG-ST-512003	A





**2.5t x 120 CONE ANCHOR IS TO BE PAINTED RED AND NOT TO BE USED FOR LIFTING**



CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	8
M20 x 95 FERRULES Part No. FE20095GH	18
8.5t EDGE LIFTER Part No. 3DX85	6
Ø50 SPIRAL	23
2.5t x 120 CONE ANCHOR	1
250x100 CONDUIT	2

FINISH REQUIREMENTS:	
UNIT No	5-PW002
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	3.54 m³
WEIGHT (t)	8.85
SLUMP	
COVER	50mm

**General Notes:-**

- DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.
- DIMENSIONS IN MILLIMETRES.
- 20mm FILLET TO ALL EDGES UNO
- REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	HD	HP
A	21/03/2021	ISSUED FOR APPROVAL	PK	HP

DESIGNED BY: CLIENT  
DRAWN BY: PK  
CHECKED BY: HP

**LAING O'ROURKE**  
METRO BOX - PRECAST CONCRETE  
AREA 5 PRECAST PANELS  
PRECAST PANEL 5-PW002

DRAWING STATUS: **ISSUED FOR APPROVAL**

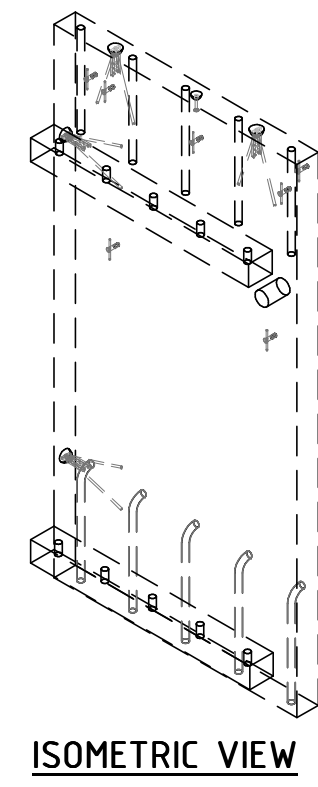
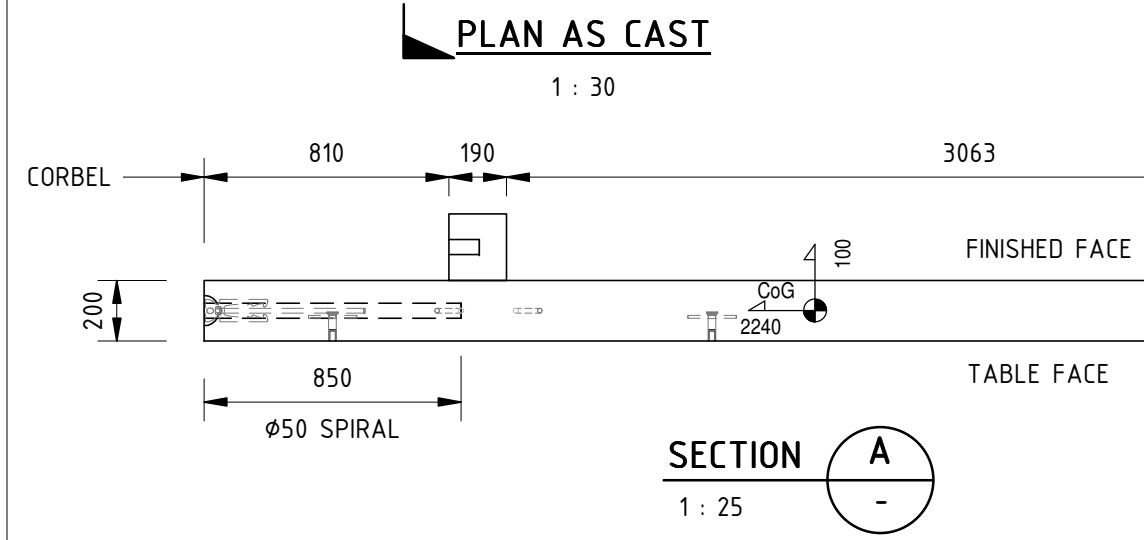
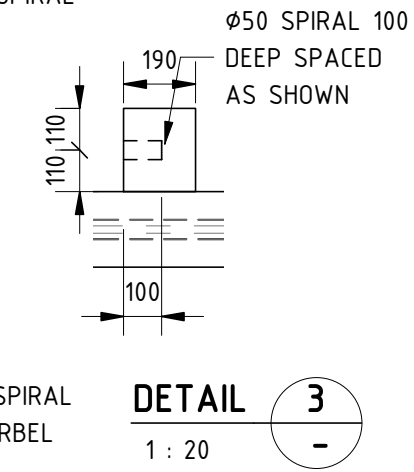
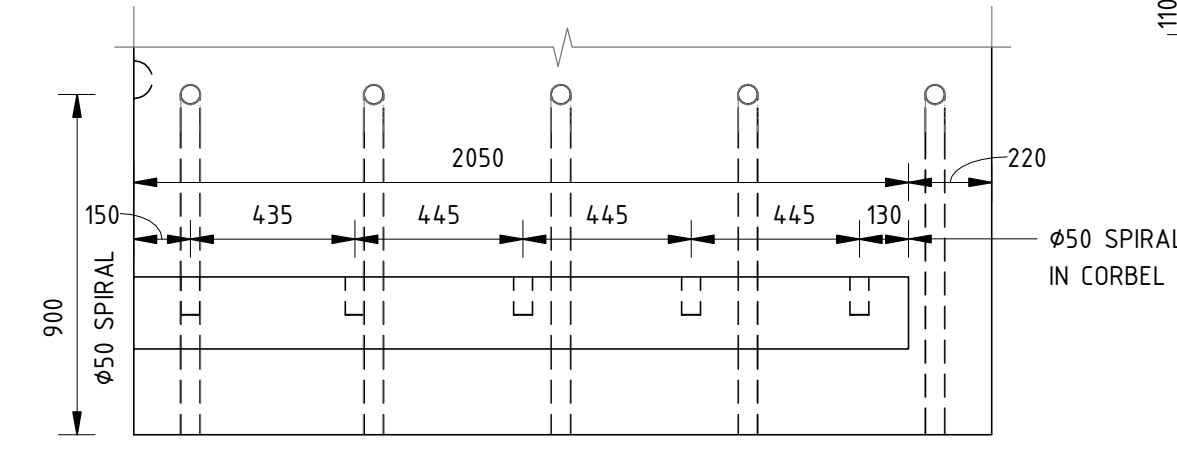
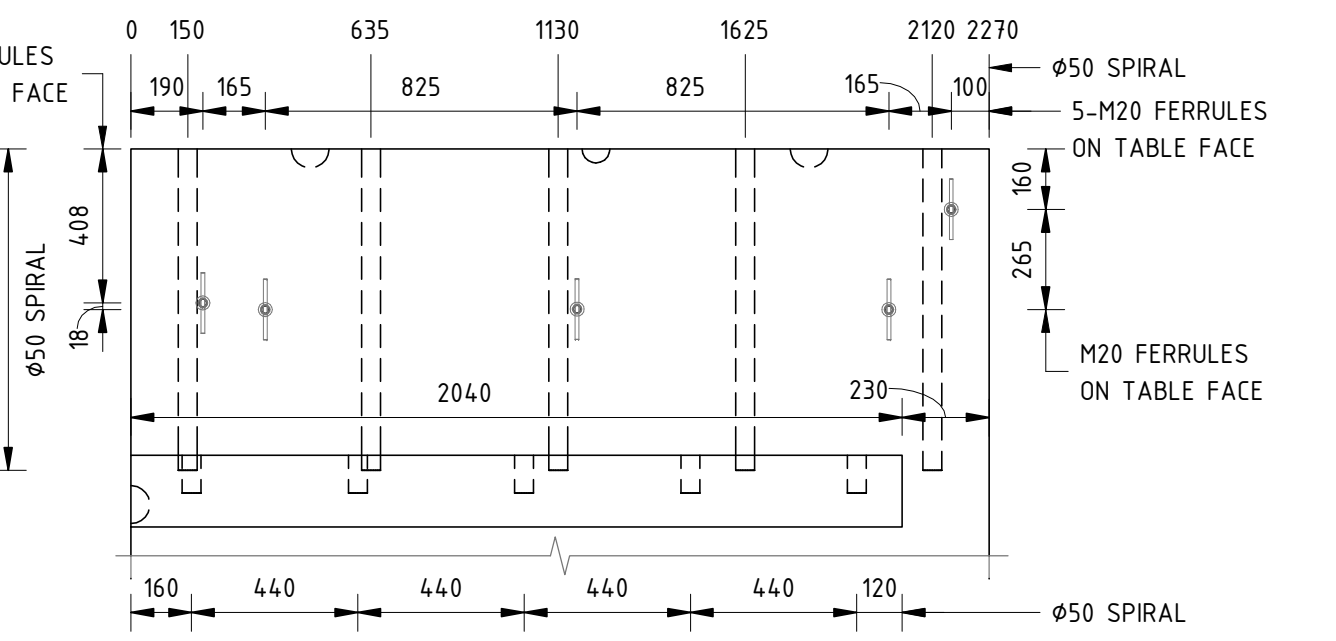
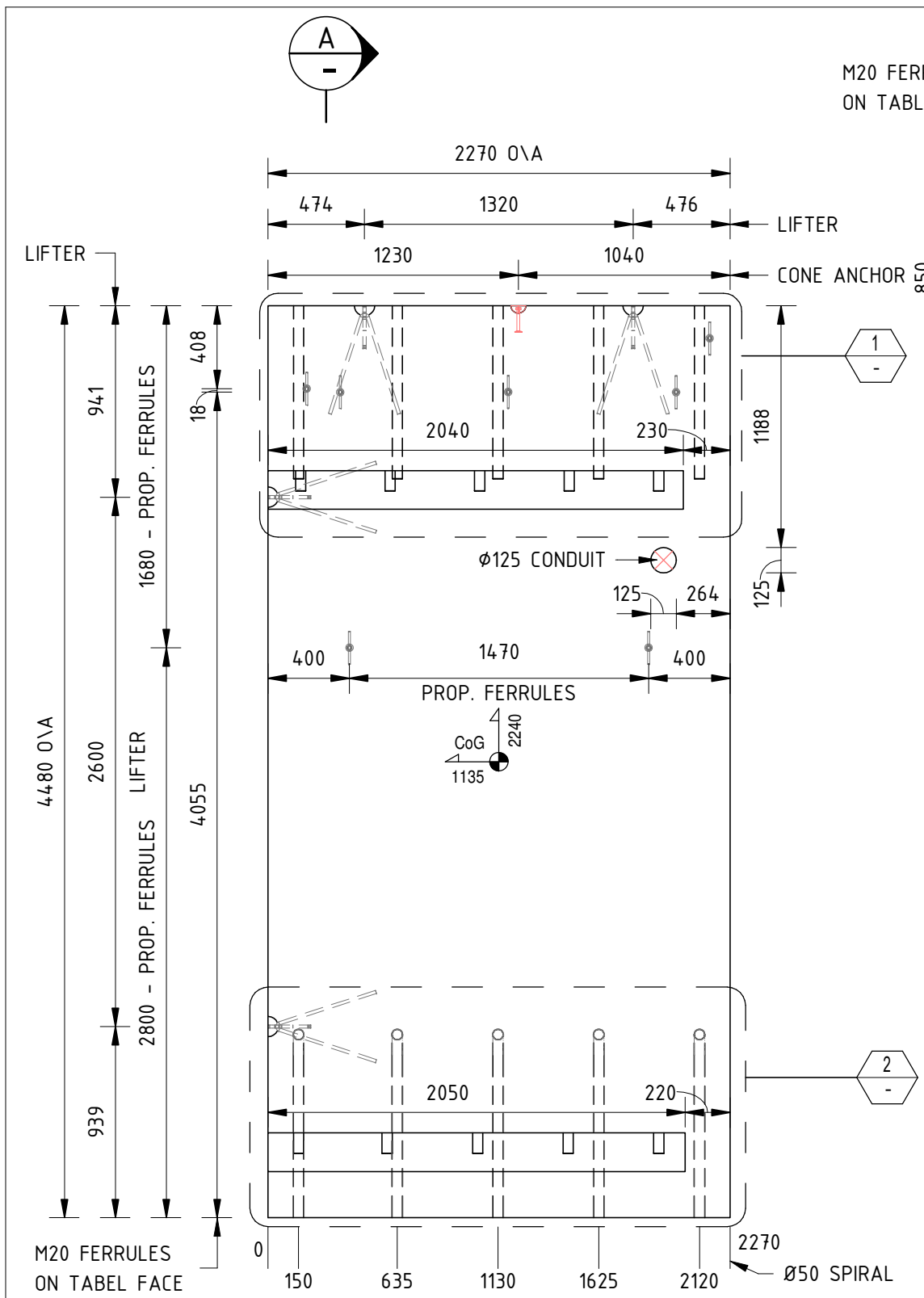
JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWSCM-WAE-BD-20-DWG-ST-522002	B

**\* ENGINEERS TO VERIFY EDGE/CONE LIFTERS POSITIONS**





**2.5tx120 CONE ANCHOR IS TO BE PAINTED RED AND NOT TO BE USED FOR LIFTING**



CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	2
M20 x 95 FERRULES Part No. FE20095GH	5
8.5t EDGE LIFTER Part No. 3DX85	4
Ø50 SPIRAL	20
2.5t x 120 CONE ANCHOR	1
Ø125 CONDUIT	1

FINISH REQUIREMENTS:	
UNIT No	5-PW012
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	2.18 m³
WEIGHT (t)	5.45
SLUMP	
COVER	50mm

**General Notes:-**  
 1. DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.  
 2. DIMENSIONS IN MILLIMETRES.  
 3. 20mm FILLET TO ALL EDGES UNO  
 4. REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

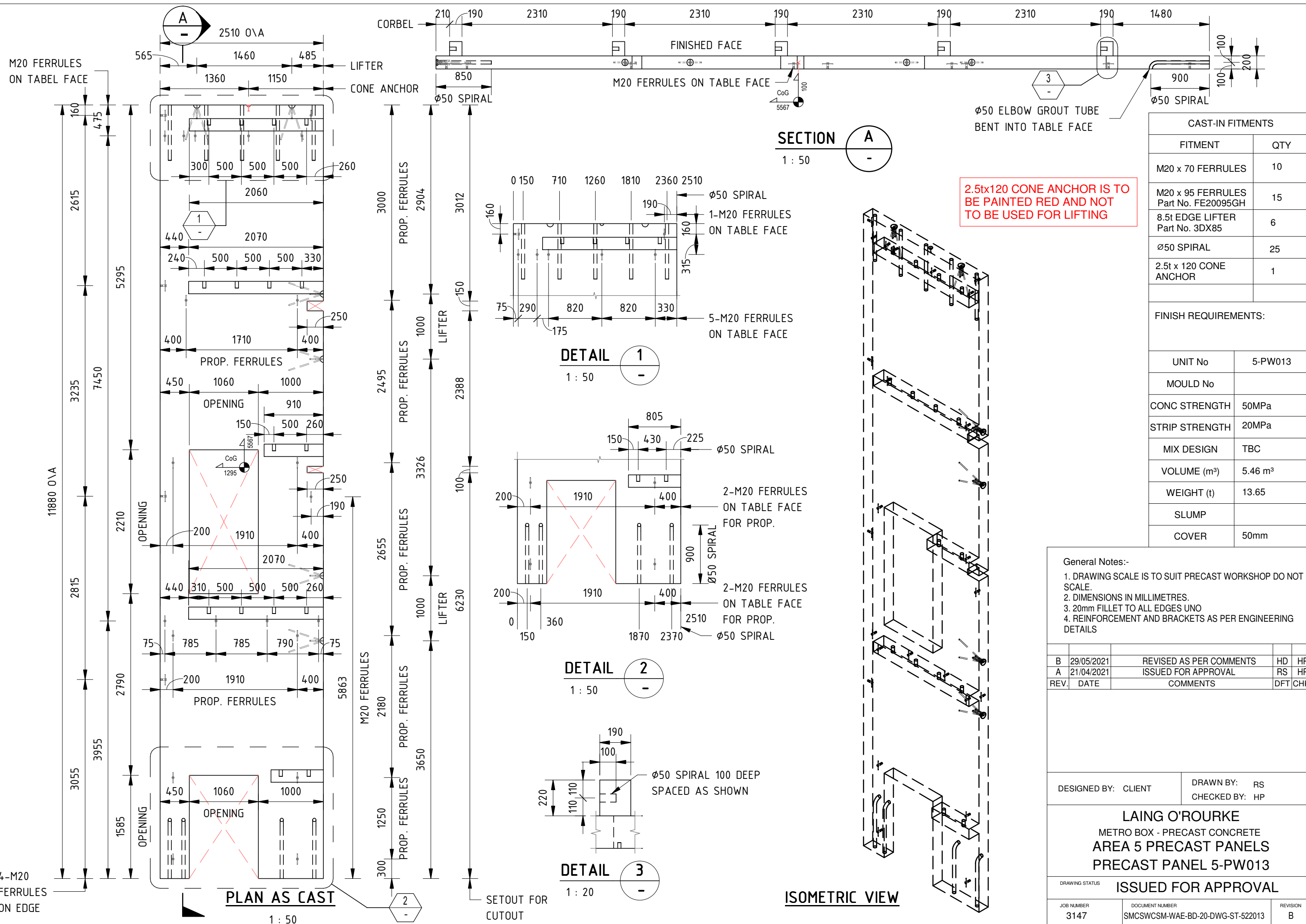
REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	HD	HP
A	21/03/2021	ISSUED FOR APPROVAL	PK	HP

DESIGNED BY: CLIENT  
 DRAWN BY: PK  
 CHECKED BY: HP

**LAING O'ROURKE**  
 METRO BOX - PRECAST CONCRETE  
 AREA 5 PRECAST PANELS  
 PRECAST PANEL 5-PW012

DRAWING STATUS: **ISSUED FOR APPROVAL**

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWCSM-WAE-BD-20-DWG-ST-522012	B



**2.5x120 CONE ANCHOR IS TO BE PAINTED RED AND NOT TO BE USED FOR LIFTING**

CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	10
M20 x 95 FERRULES Part No. FE20095GH	15
8.5t EDGE LIFTER Part No. 3DX85	6
Ø50 SPIRAL	25
2.5t x 120 CONE ANCHOR	1

FINISH REQUIREMENTS:	
UNIT No	5-PW013
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	5.46 m³
WEIGHT (t)	13.65
SLUMP	
COVER	50mm

**General Notes:-**

- DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.
- DIMENSIONS IN MILLIMETRES.
- 20mm FILLET TO ALL EDGES UNO
- REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

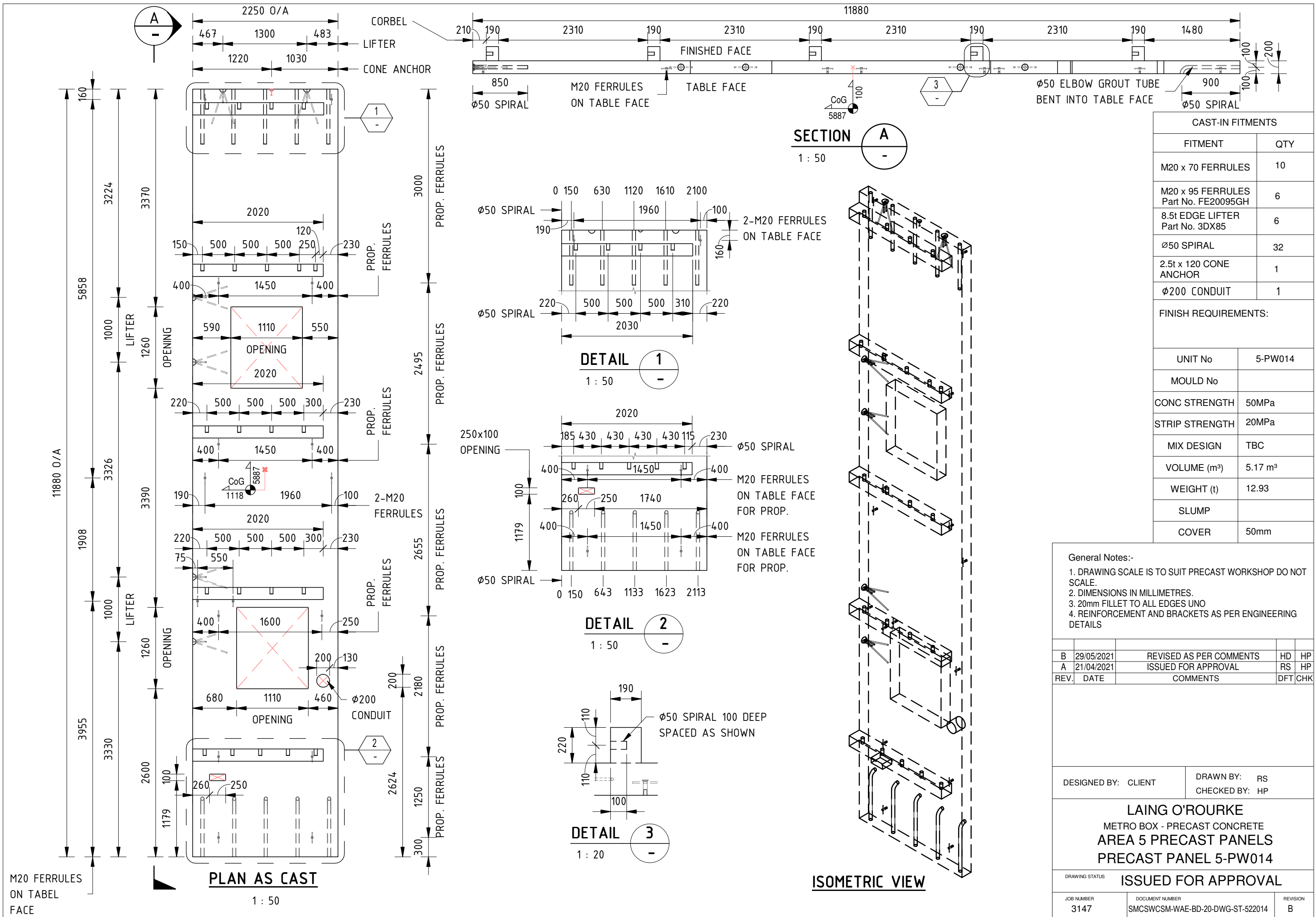
REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	HD	HP
A	21/04/2021	ISSUED FOR APPROVAL	RS	HP

DESIGNED BY: CLIENT  
DRAWN BY: RS  
CHECKED BY: HP

**LAING O'ROURKE**  
METRO BOX - PRECAST CONCRETE  
AREA 5 PRECAST PANELS  
PRECAST PANEL 5-PW013

DRAWING STATUS: **ISSUED FOR APPROVAL**

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWSCM-WAE-BD-20-DWG-ST-522013	B



CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	10
M20 x 95 FERRULES Part No. FE20095GH	6
8.5t EDGE LIFTER Part No. 3DX85	6
Ø50 SPIRAL	32
2.5t x 120 CONE ANCHOR	1
Ø200 CONDUIT	1
FINISH REQUIREMENTS:	
UNIT No	5-PW014
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	5.17 m³
WEIGHT (t)	12.93
SLUMP	
COVER	50mm

General Notes:-  
 1. DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.  
 2. DIMENSIONS IN MILLIMETRES.  
 3. 20mm FILLET TO ALL EDGES UNO  
 4. REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	HD	HP
A	21/04/2021	ISSUED FOR APPROVAL	RS	HP

DESIGNED BY: CLIENT  
 DRAWN BY: RS  
 CHECKED BY: HP

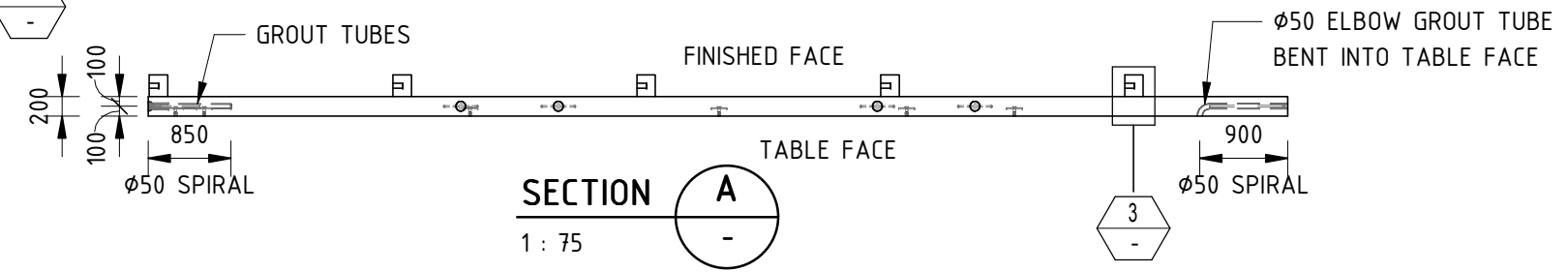
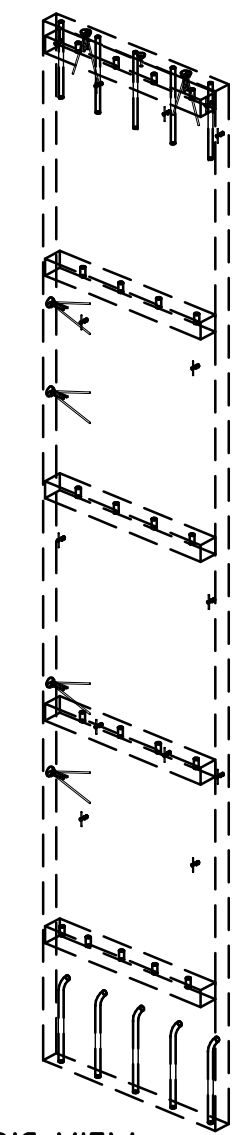
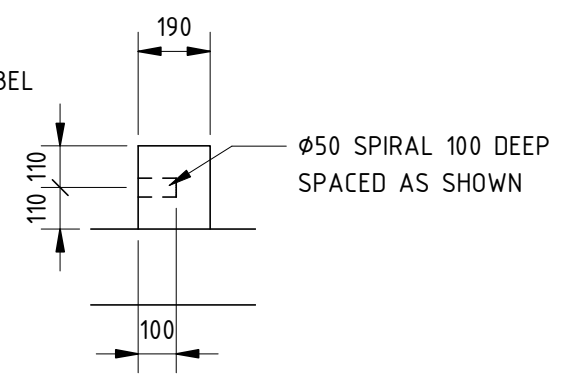
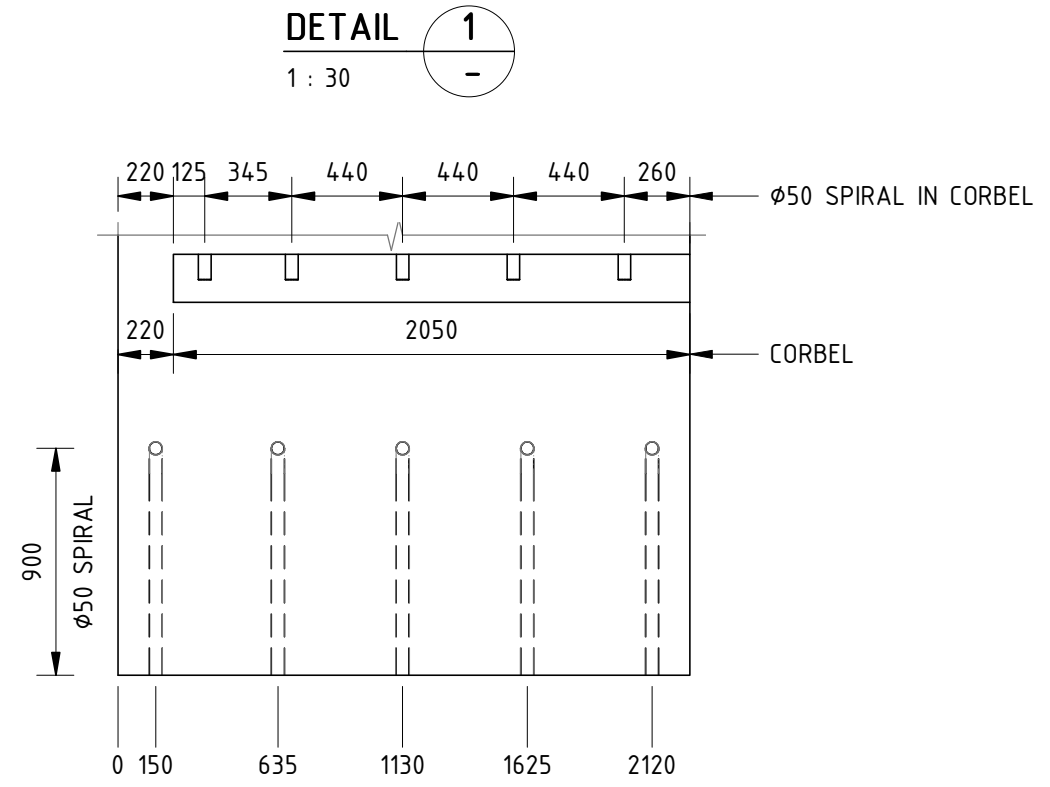
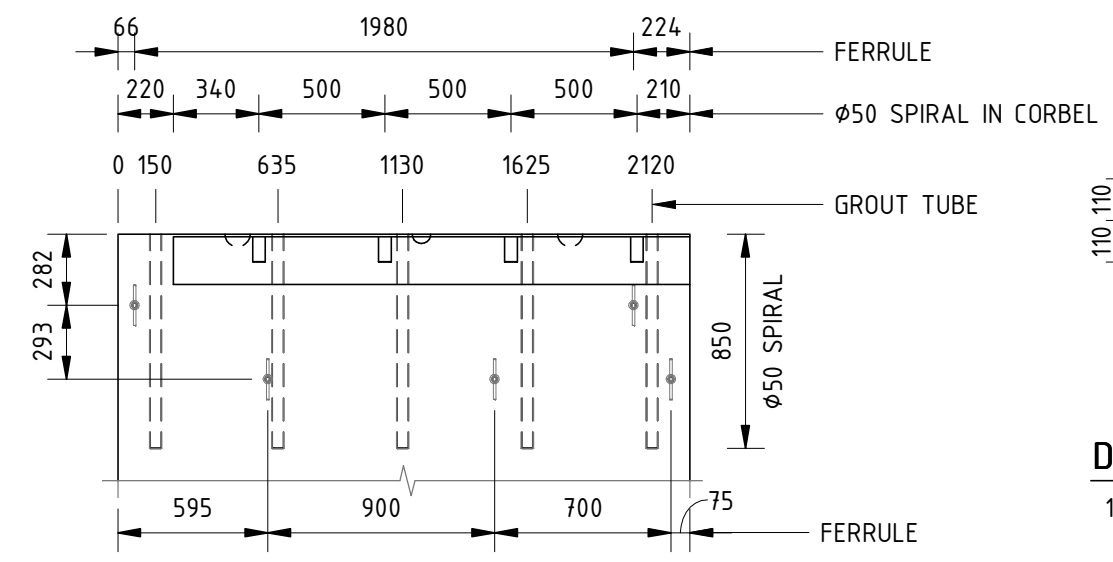
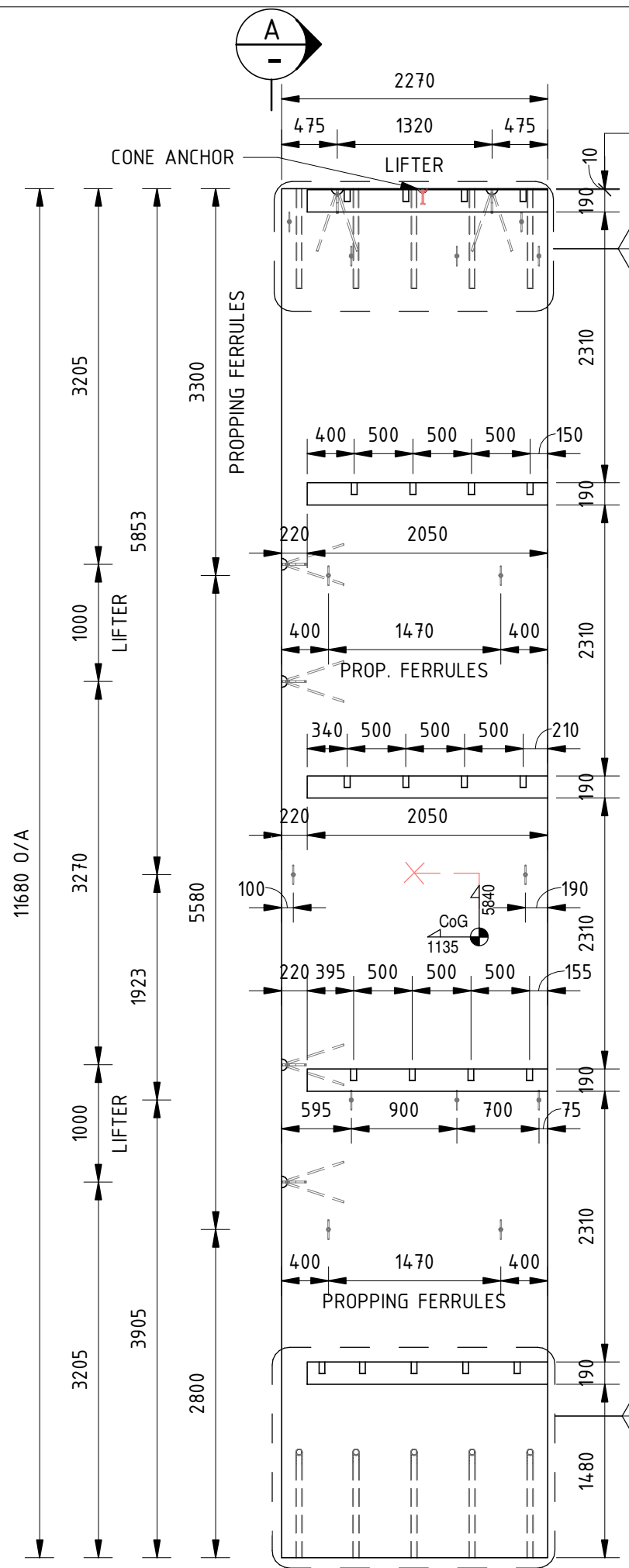
**LAING O'ROURKE**  
 METRO BOX - PRECAST CONCRETE  
 AREA 5 PRECAST PANELS  
 PRECAST PANEL 5-PW014

DRAWING STATUS: **ISSUED FOR APPROVAL**

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWSCM-WAE-BD-20-DWG-ST-522014	B



**2.5tx120 CONE ANCHOR IS TO BE PAINTED RED AND NOT TO BE USED FOR LIFTING**



CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	4
M20 x 95 FERRULES Part No. FE20095GH	10
8.5t EDGE LIFTER Part No. 3DX85	6
Ø50 SPIRAL	31
2.5t x 120 CONE ANCHOR	1

FINISH REQUIREMENTS:	
UNIT No	5-PW023
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	5.71 m³
WEIGHT (t)	14.28
SLUMP	
COVER	50mm

**General Notes:-**  
 1. DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.  
 2. DIMENSIONS IN MILLIMETRES.  
 3. 20mm FILLET TO ALL EDGES UNO  
 4. REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	MK	HP
A	21/04/2021	ISSUED FOR APPROVAL	PK	HP

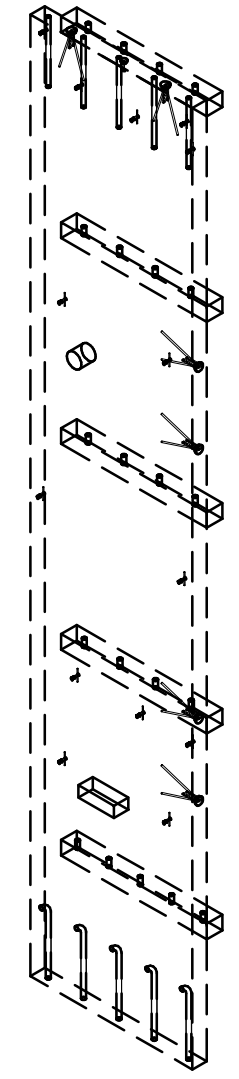
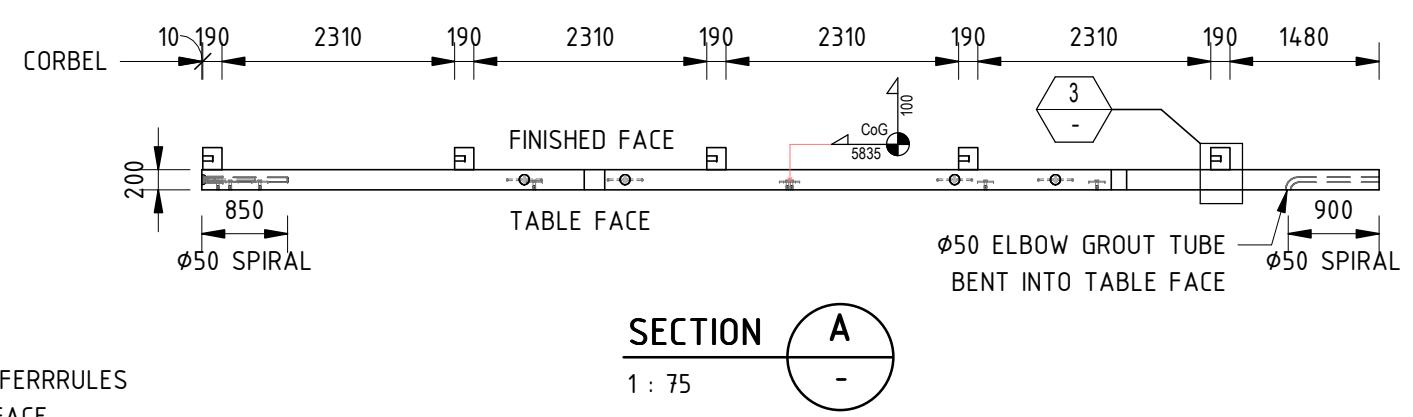
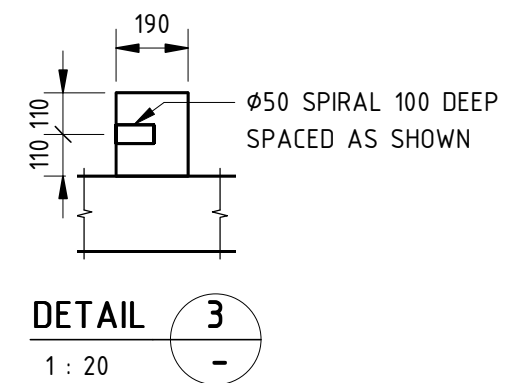
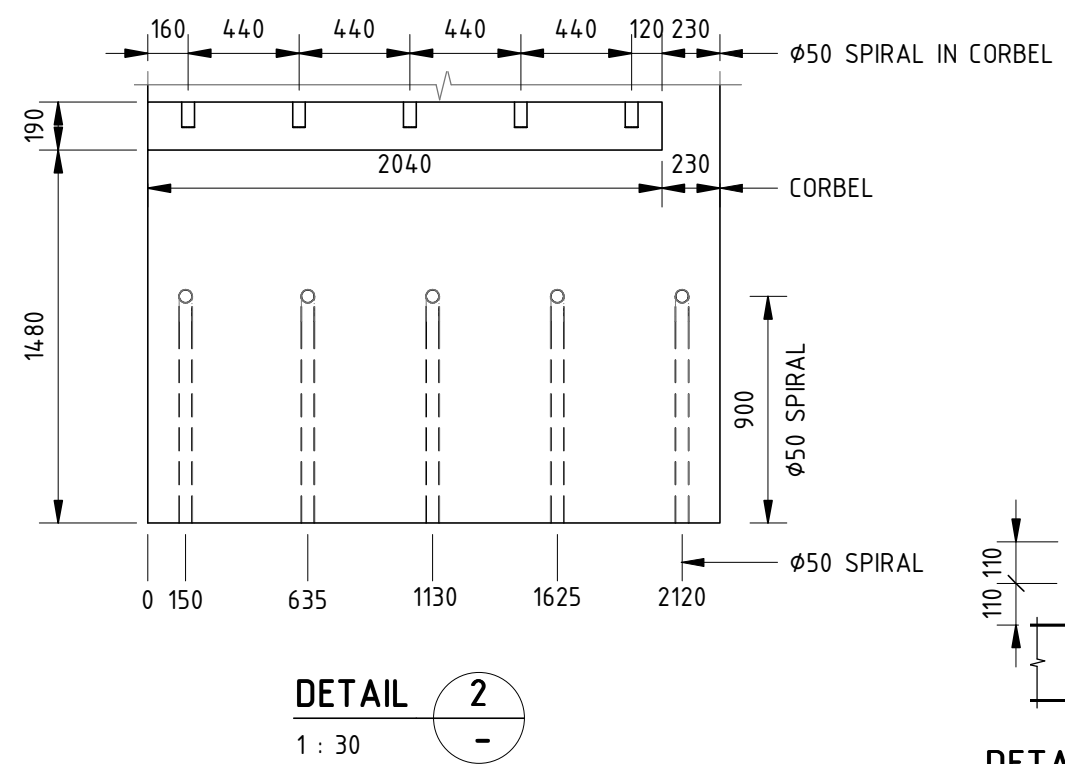
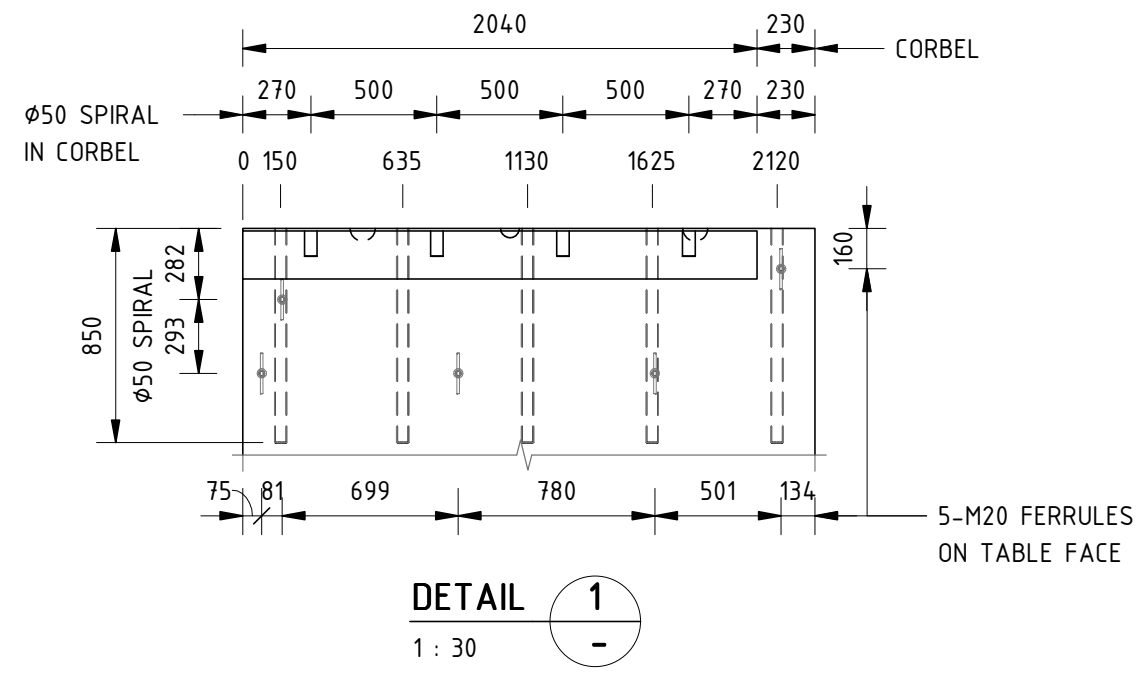
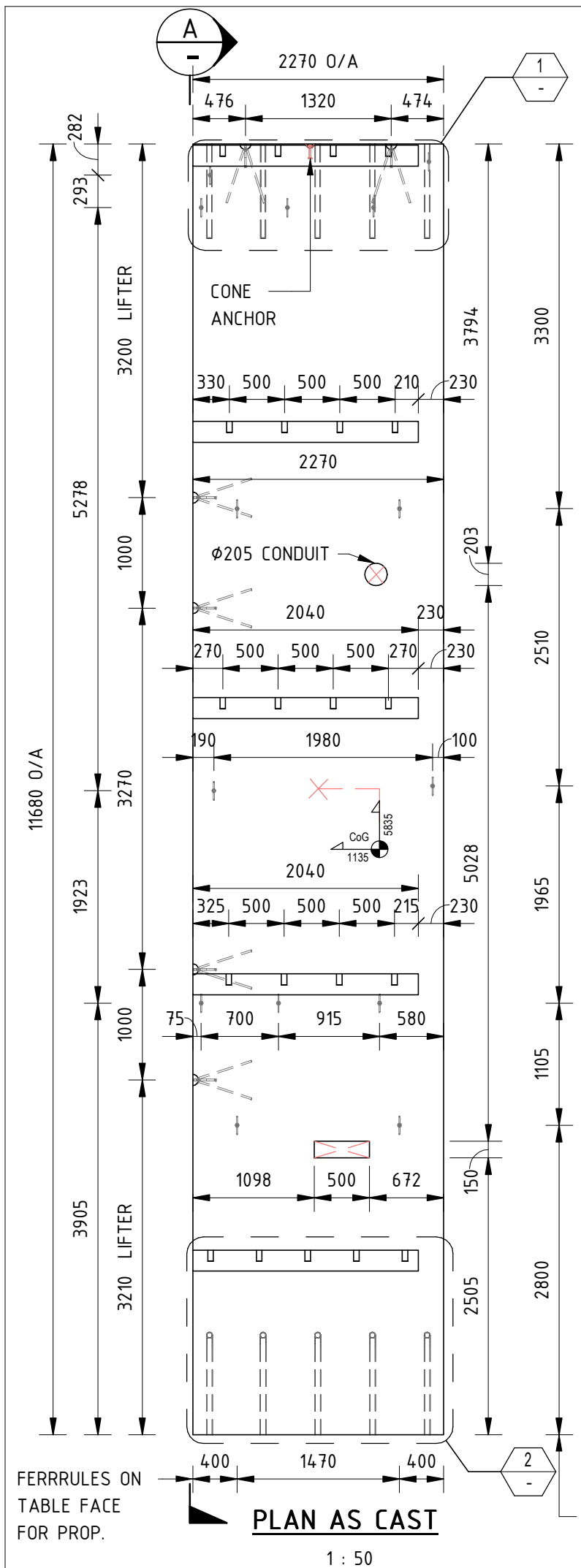
DESIGNED BY: CLIENT  
 DRAWN BY: PK  
 CHECKED BY: HP

**LAING O'ROURKE**  
 METRO BOX - PRECAST CONCRETE  
 AREA 5 PRECAST PANELS  
 PRECAST PANEL 5-PW023

DRAWING STATUS: **ISSUED FOR APPROVAL**

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWCSM-WAE-BD-20-DWG-ST-522023	B

**2.5tx120 CONE ANCHOR IS TO BE PAINTED RED AND NOT TO BE USED FOR LIFTING**



CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	4
M20 x 95 FERRULES Part No. FE20095GH	10
8.5t EDGE LIFTER Part No. 3DX85	6
Ø50 SPIRAL	31
2.5t x 120 CONE ANCHOR	1
Ø205 CONDUIT	1

FINISH REQUIREMENTS:

UNIT No	5-PW024
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	5.28 m³
WEIGHT (t)	13.20
SLUMP	
COVER	50mm

- General Notes:-
- DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.
  - DIMENSIONS IN MILLIMETRES.
  - 20mm FILLET TO ALL EDGES UNO
  - REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

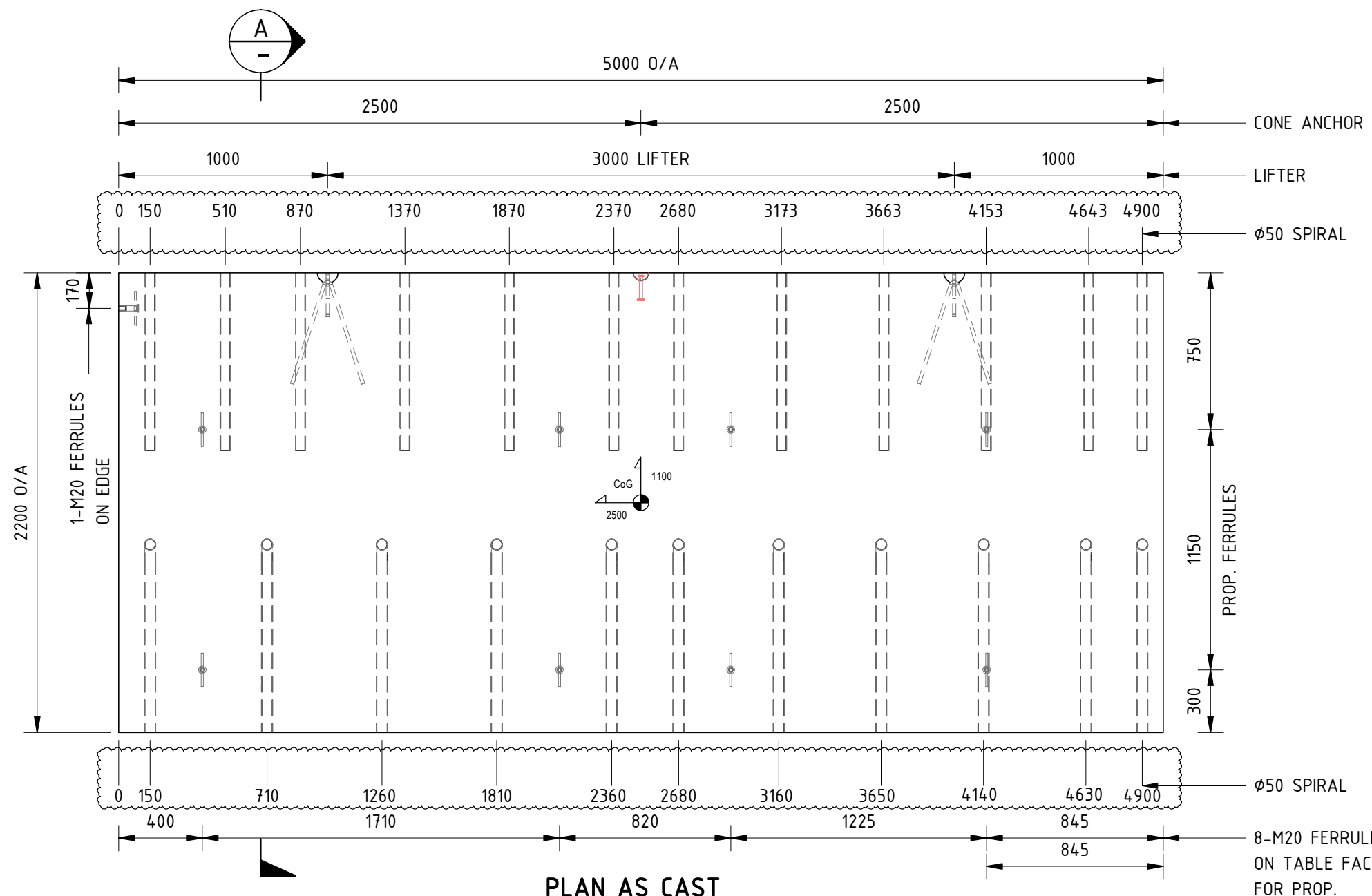
REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	MK	HP
A	21/04/2021	ISSUED FOR APPROVAL	PK	HP

DESIGNED BY: CLIENT  
DRAWN BY: PK  
CHECKED BY: HP

**LAING O'ROURKE**  
METRO BOX - PRECAST CONCRETE  
AREA 5 PRECAST PANELS  
PRECAST PANEL 5-PW024

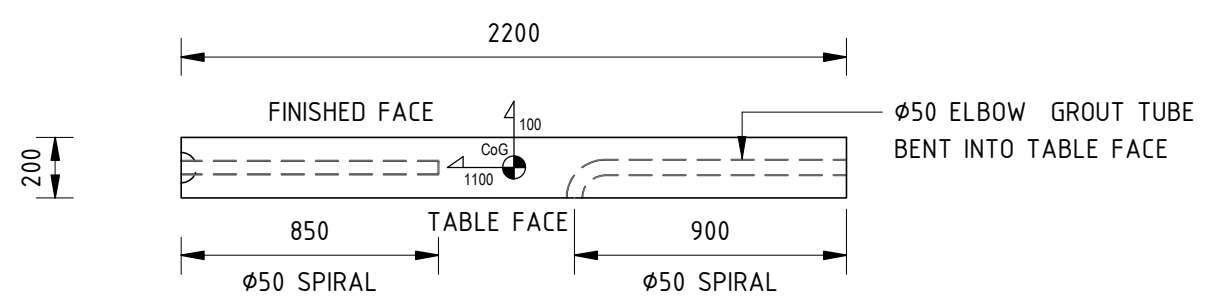
DRAWING STATUS		REVISION
ISSUED FOR APPROVAL		B
JOB NUMBER	DOCUMENT NUMBER	
3147	SMCSWCSM-WAE-BD-20-DWG-ST-522024	

2.5tx120 CONE ANCHOR IS TO BE PAINTED RED AND NOT TO BE USED FOR LIFTING



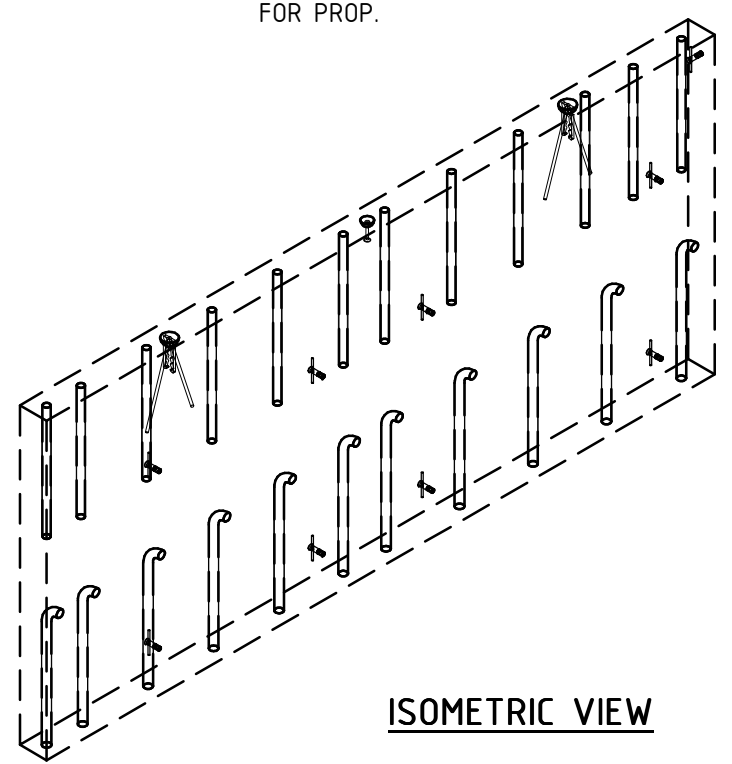
PLAN AS CAST

1 : 25



SECTION A

1 : 25



CAST-IN FITMENTS	
FITMENT	QTY
M20 x 70 FERRULES	8
M20 x 95 FERRULES Part No. FE20095GH	1
8.5t EDGE LIFTER Part No. 3DX85	4
φ50 SPIRAL	23
2.5t x 120 CONE ANCHOR	1
FINISH REQUIREMENTS:	
UNIT No	5-PW025
MOULD No	
CONC STRENGTH	50MPa
STRIP STRENGTH	20MPa
MIX DESIGN	TBC
VOLUME (m³)	2.19 m³
WEIGHT (t)	5.48
SLUMP	
COVER	50mm

- General Notes:-
- DRAWING SCALE IS TO SUIT PRECAST WORKSHOP DO NOT SCALE.
  - DIMENSIONS IN MILLIMETRES.
  - 20mm FILLET TO ALL EDGES UNO
  - REINFORCEMENT AND BRACKETS AS PER ENGINEERING DETAILS

REV.	DATE	COMMENTS	DFT	CHK
B	29/05/2021	REVISED AS PER COMMENTS	MK	HP
A	21/04/2021	ISSUED FOR APPROVAL	RS	HP

DESIGNED BY: CLIENT

DRAWN BY: RS

CHECKED BY: HP

LAING O'ROURKE

METRO BOX - PRECAST CONCRETE

AREA 5 PRECAST PANELS

PRECAST PANEL 5-PW025

DRAWING STATUS ISSUED FOR APPROVAL

JOB NUMBER	DOCUMENT NUMBER	REVISION
3147	SMCSWCSM-WAE-BD-20-DWG-ST-522025	B

\* DOWELS SETOUT MAY CHANGE AS PER NEW DESIGN DRAWINGS NOT RECEIVED YET

\* FERRULES ARE NOT MODELED IN REVIT FILE THEY MAY ADD AS PER NEW DESIGN DRAWINGS