

# DRAWINGS

DWG No	REV No	DESCRIPTION
E14-0869-00	B	DRAWING REGISTER
E14-0869-10	A	ARCHITECTURAL - SITE AND LOCATION PLAN
E14-0869-11	A	ARCHITECTURAL - EXISTING GROUND FLOOR PLAN
E14-0869-12	A	ARCHITECTURAL - EXISTING FIRST FLOOR PLAN
E14-0869-20	A	ARCHITECTURAL - PART GROUND FLOOR DEMOLITION PLAN
E14-0869-21	A	ARCHITECTURAL - PART FIRST FLOOR DEMOLITION PLAN
E14-0869-22	B	ARCHITECTURAL - PART PROPOSED GROUND FLOOR PLAN
E14-0869-23	B	ARCHITECTURAL - PROPOSED TOILET PLAN AND CROSS SECTION
E14-0869-24	A	ARCHITECTURAL - PROPOSED CROSS SECTIONS A-A, B-B, C-C
E14-0869-25	B	ARCHITECTURAL - JOINERY 1 - ELEVATIONS AND DETAILS
E14-0869-26	B	ARCHITECTURAL - JOINERY 2 - DOOR SCHEDULE AND ELEVATIONS
E14-0869-27	A	ARCHITECTURAL - CONSTRUCTION DETAILS
E14-0869-30	C	PLUMBING AND DRAINAGE - PROPOSED DRAINAGE PLAN AND DETAILS
E14-0869-31	C	PLUMBING AND DRAINAGE - PROPOSED TOILET SCHEMATIC
E14-0869-40	B	ELECTRICAL SERVICES - LIGHTING LAYOUT TOILETS
E14-0869-41	B	ELECTRICAL SERVICES - LIGHTING AND POWER TENANCY
E14-0868-42	A	ELECTRICAL SERVICES - LIGHTING AND POWER - TENANCY SPACE 102
E14-0869-45	B	ELECTRICAL SERVICES - POWER LAYOUT TOILETS
E14-0869-50	B	MECHANICAL SERVICES - VENTILATION

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# SpencerHolmes

*engineers • surveyors • planners*



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CLIENT

GFSC LIMITED

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PRINCIPAL CONSULTANT

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PROJECT

GOLDFIELDS MALL  
100 MARY STREET  
THAMES

---

DRAWING TITLE

DRAWING REGISTER

---

<input type="checkbox"/> DESIGNED	<input type="checkbox"/> PWL	<input type="checkbox"/> CAD FILE	<input type="checkbox"/> E14-0869-00
<input type="checkbox"/> DRAWN	<input type="checkbox"/> JWL	<input type="checkbox"/> FIELD BOOK	<input type="checkbox"/> -
<input type="checkbox"/> CHECKED	<input type="checkbox"/> PJM	<input type="checkbox"/> DATE	<input type="checkbox"/> JUNE 2015

SCALE

NOT TO SCALE

DRAWING NUMBER

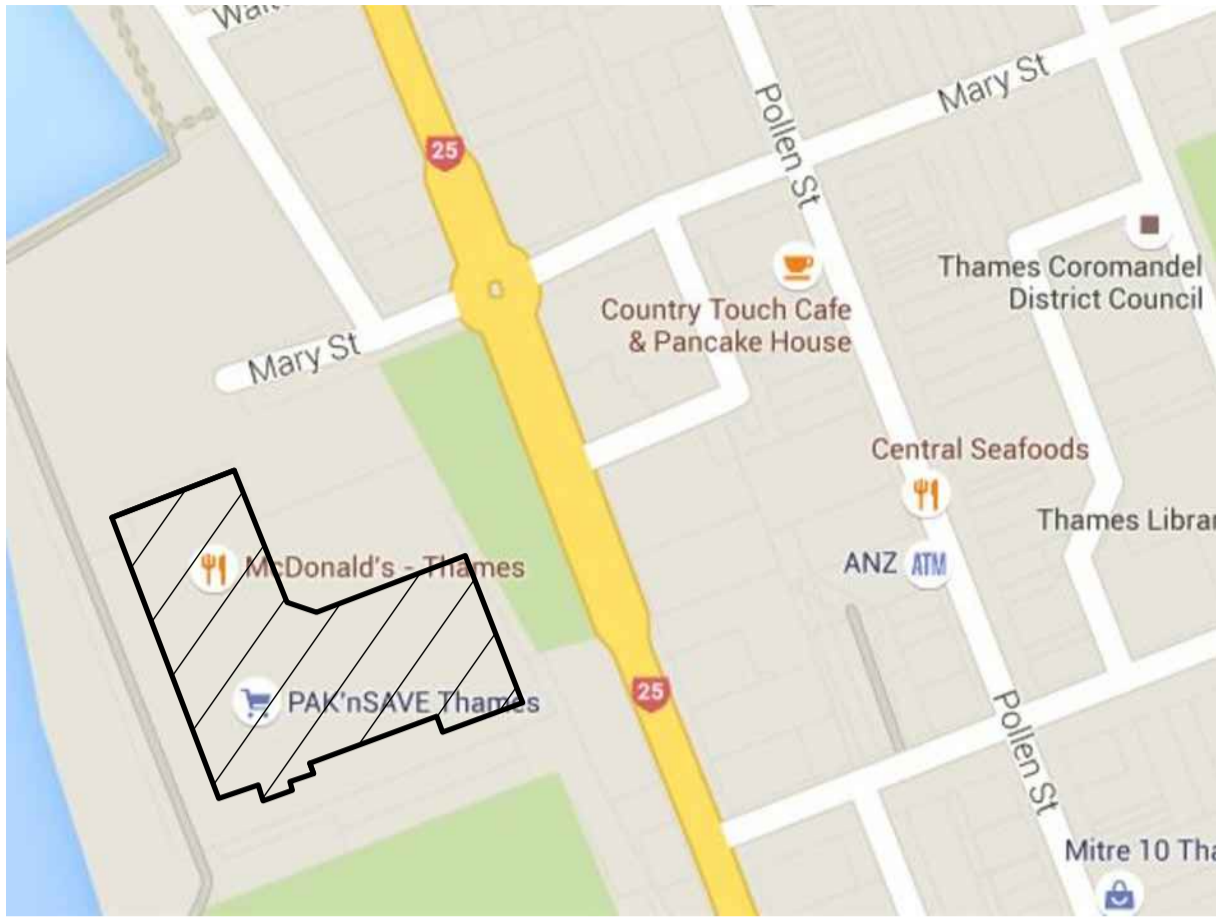
E14-0869-00

SIZE

A1

REV

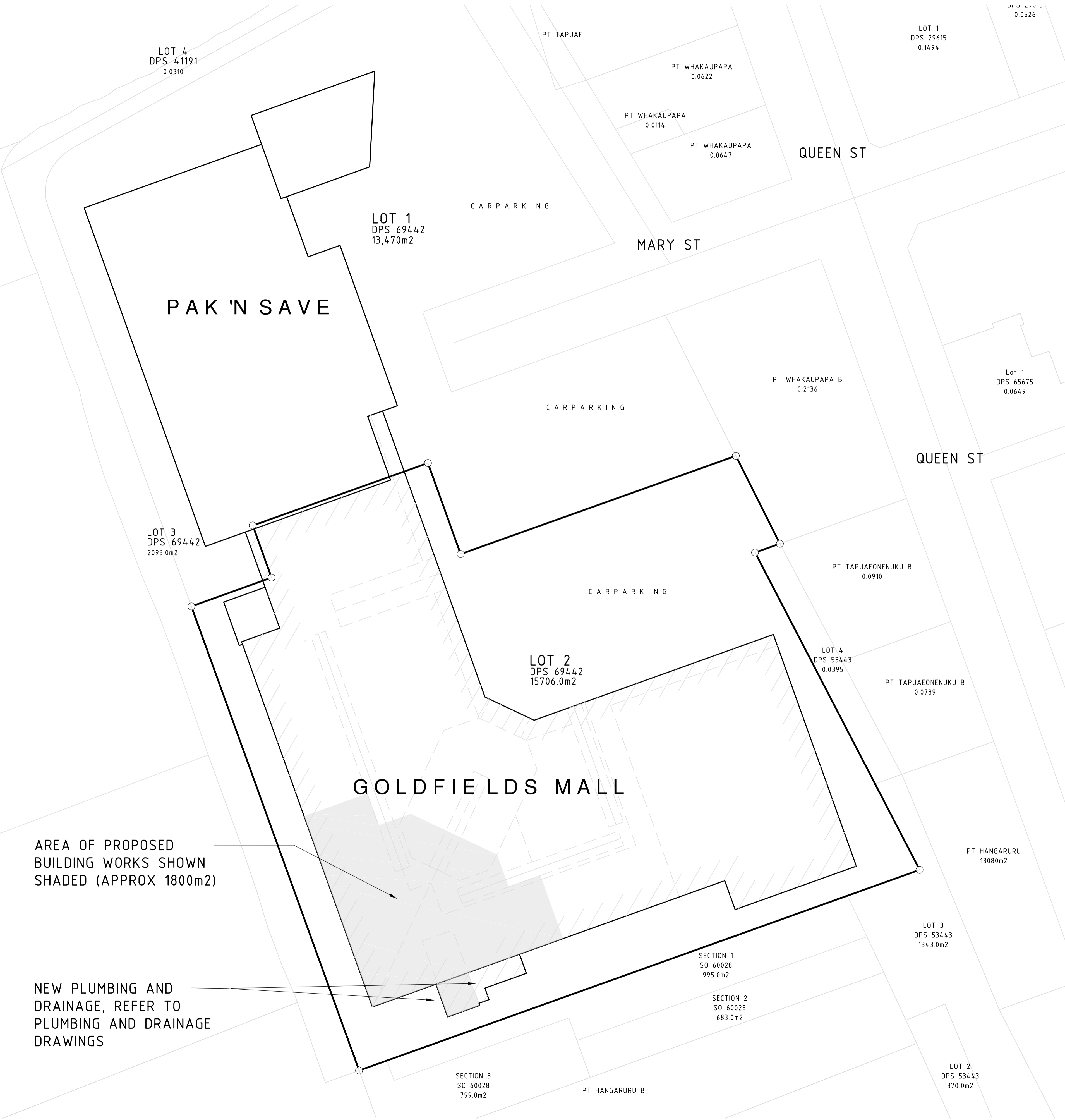
B



LOCATION PLAN



AERAIL PHOTO



SITE PLAN  
1:500 AT A1 (1:1000 AT A3)

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15

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NOTES:

1. THE BUILDING OUTLINES SHOWN ON THIS DRAWING HAVE BEEN TAKEN FROM AERIAL PHOTOGRAPHS AND ARE THEREFORE INDICATIVE ONLY. A FULL SITE SURVEY MAY BE REQUIRED TO ESTABLISH EXISTING BUILDING LOCATIONS AND SITE FEATURES RELATIVE TO LEGAL BOUNDARIES.

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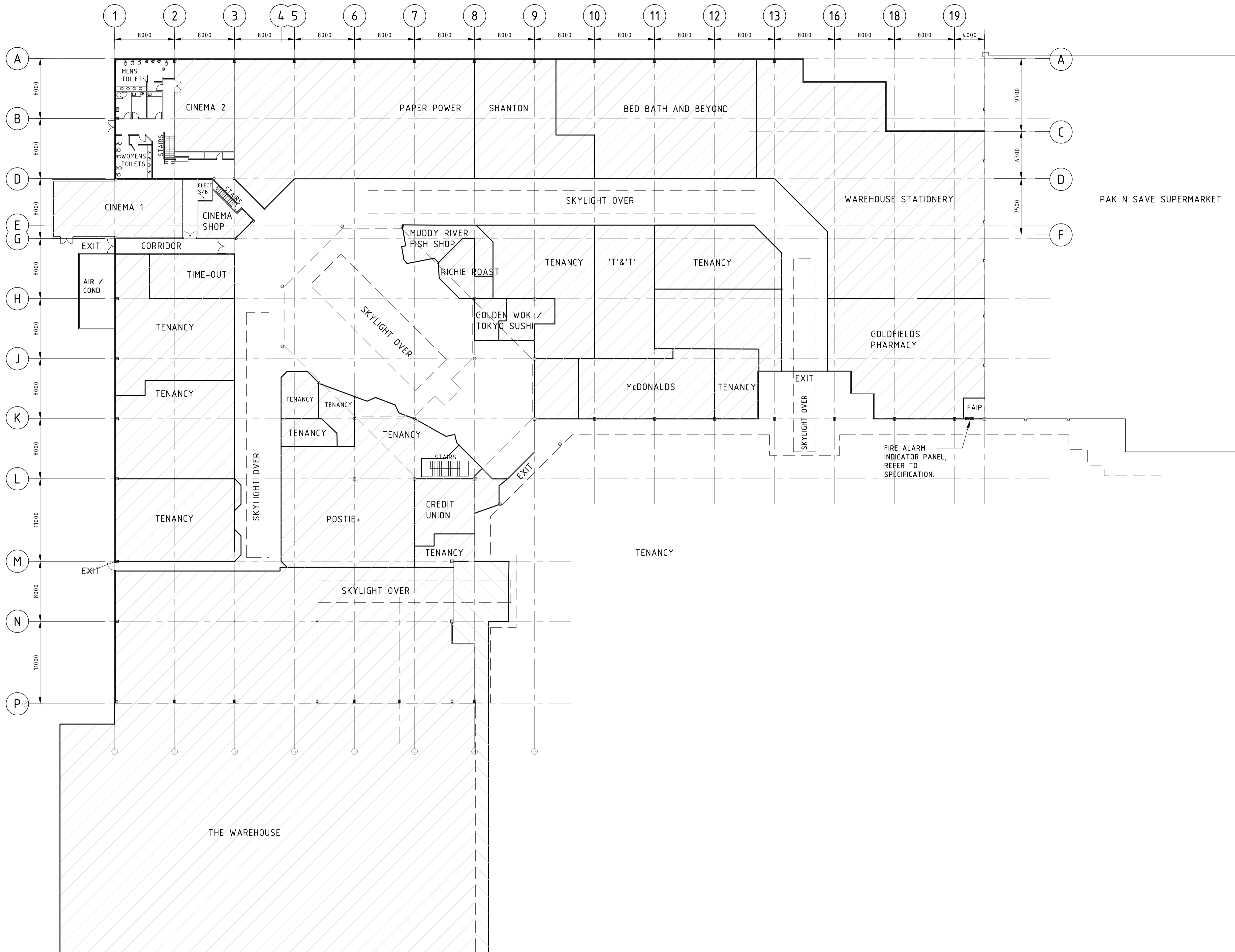
PROJECT  
**GOLDFIELDS MALL  
100 MARY STREET  
THAMES**

DRAWING TITLE  
**ARCHITECTURAL  
SITE AND LOCATION PLAN**

DESIGNED	PM	CAD FILE	E14-0869-10
DRAWN	JML	FIELD BOOK	JUNE 2015
CHECKED		DATE	

SCALE	AS SHOWN	SIZE	A1
DRAWING NUMBER <td>E14-0869-10<td>REV<td>A</td></td></td>	E14-0869-10 <td>REV<td>A</td></td>	REV <td>A</td>	A

PLOT DATE: 5/10/2016 8:41:41 a.m.



EXISTING GROUND FLOOR PLAN  
1:250 AT A1 (1:500 AT A3)

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15

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PROJECT  
**GOLDFIELDS MALL  
100 MARY STREET  
THAMES**

DRAWING TITLE  
**ARCHITECTURAL  
EXISTING GROUND  
FLOOR PLAN**

DESIGNED	PM	CAD FILE	E14-0869-11+12
DRAWN	JML	FIELD BOOK	
CHECKED		DATE	JUNE 15

SCALE  
1:250

DRAWING NUMBER  
E14-0869-11

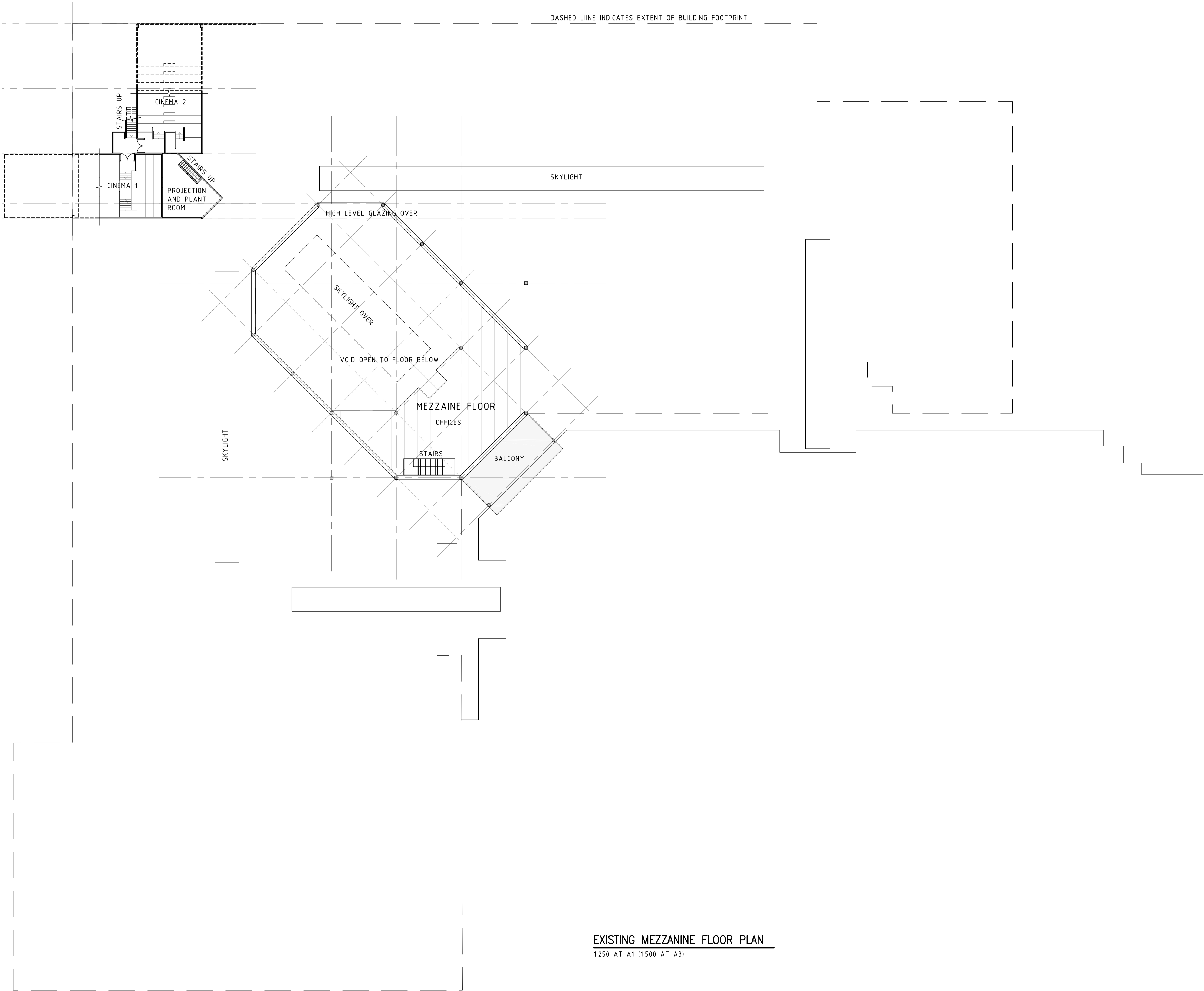
SIZE  
A1

REV  
A

RESOURCE MANAGEMENT - LAND PLANNING - SURVEYING - STRUCTURAL - CIVIL - FIRE

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15

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EXISTING MEZZANINE FLOOR PLAN  
1:250 AT A1 (1:500 AT A3)

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GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE  
ARCHITECTURAL  
EXISTING FIRST  
FLOOR PLAN

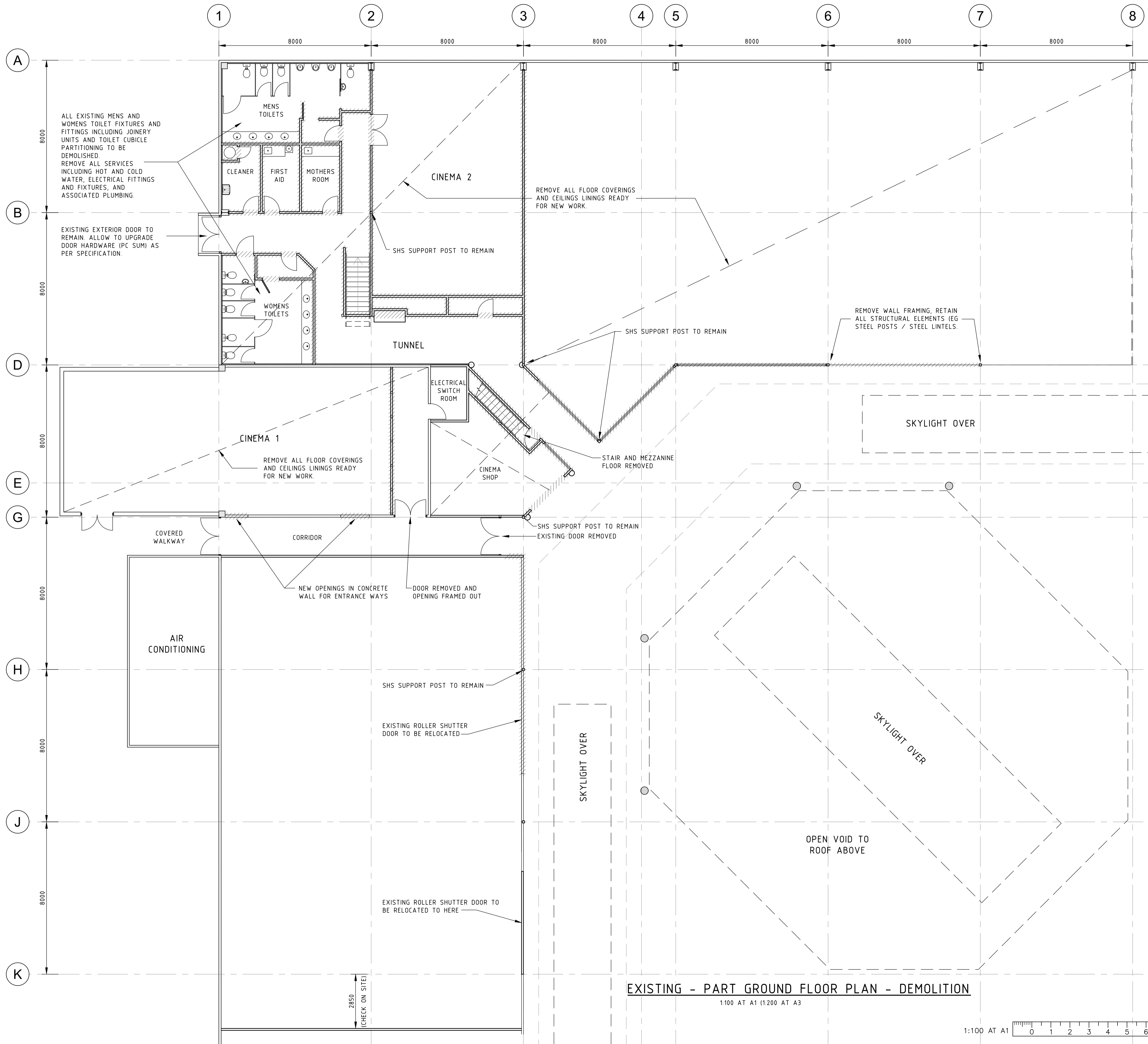
DESIGNED JML  
DRAWN JML  
CHECKED JML  
CAD FILE E14-0869-11+12  
FIELD BOOK  
DATE JUNE 15

SCALE AS SHOWN  
SIZE A1

DRAWING NUMBER  
E14-0869-12  
REV A

PLOT DATE: 5/10/2015 8:41:51 a.m.

ATTACHED XREF:



NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15

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EXISTING WALLS TO BE REMOVED  
(MAKE GOOD WHERE DAMAGED TO  
EXISTING REMAINING CEILING LININGS  
AS PER SPECIFICATION)

NOTE:  
-EXISTING STRUCTURE IS ASSUMED FROM  
VISUAL INSPECTION ONLY.  
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GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

ARCHITECTURAL  
PART GROUND FLOOR  
DEMOLITION PLAN

<input type="checkbox"/> DESIGNED	PJM	<input type="checkbox"/> CAD FILE	E14-0869-20+23
<input type="checkbox"/> DRAWN	PWL	<input type="checkbox"/> FIELD BOOK	
<input type="checkbox"/> CHECKED	PJM	<input type="checkbox"/> DATE	JUNE 2015

SCALE AS SHOWN SIZE A1

DRAWING NUMBER E14-0869-20 REV A

EXISTING - PART GROUND FLOOR PLAN - DEMOLITION

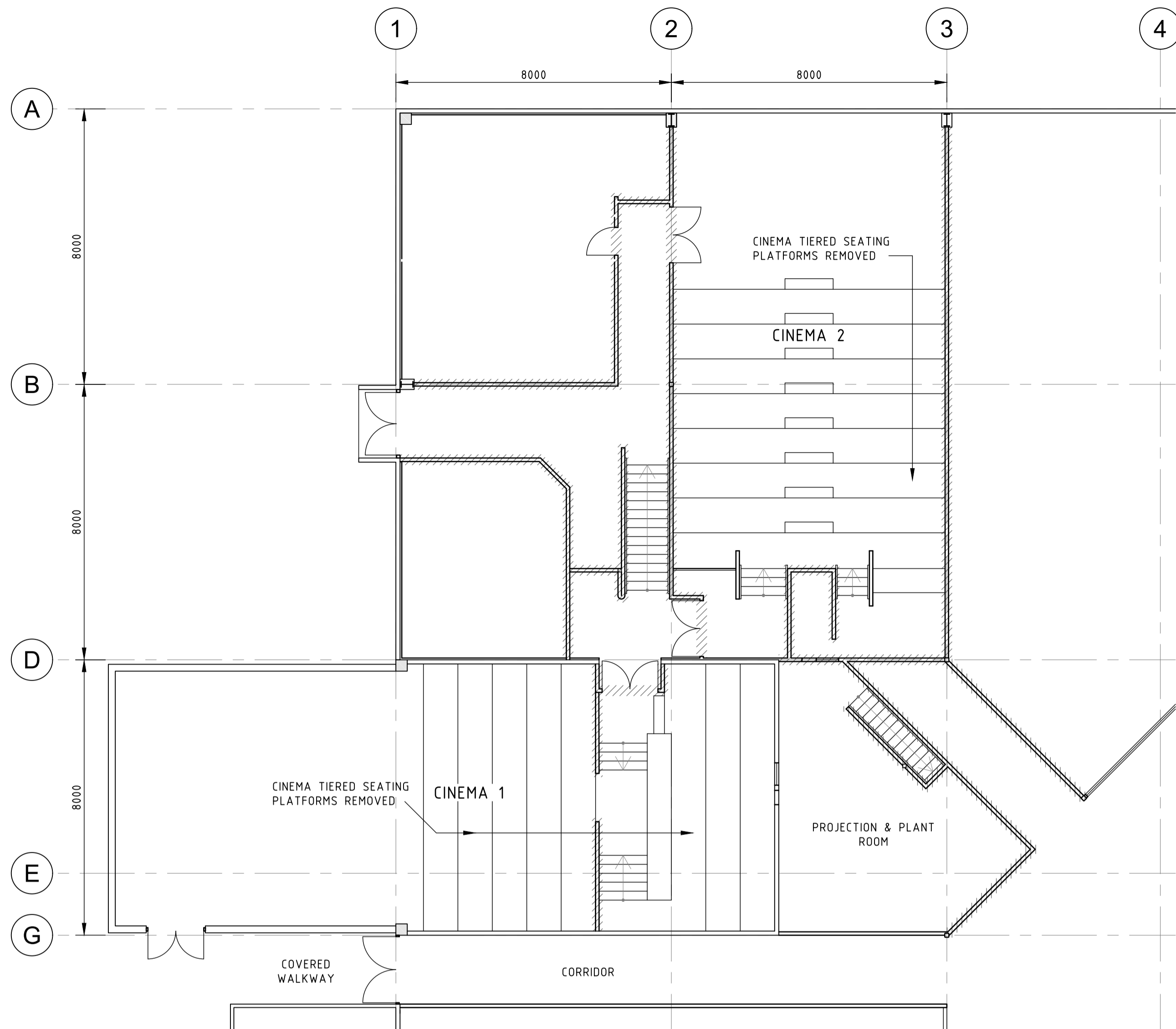
1:100 AT A1 1:200 AT A3

1:100 AT A1 0 1 2 3 4 5 6 7 8 9 10 m

RESOURCE MANAGEMENT • LAND PLANNING • SURVEYING • STRUCTURAL • CIVIL • FIRE

PLOT DATE: 5/10/2015 8:41:55 a.m.

ATTACHED XREF:



EXISTING - PART FIRST FLOOR PLAN - DEMOLITION  
1:100 AT A1 (1:200 AT A3)

EXISTING WALLS TO BE REMOVED

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15

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GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

ARCHITECTURAL  
PART FIRST FLOOR  
DEMOLITION PLAN

☐ DESIGNED

☐ DRAWN

☐ CHECKED

PJM

PWL

PJM

☐ CAD FILE

☐ FIELD BOOK

☐ DATE

E14-0869-20+23

JUNE 2015

SCALE

AS SHOWN

SIZE

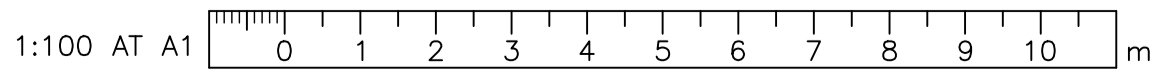
A1

DRAWING NUMBER

E14-0869-21

REV

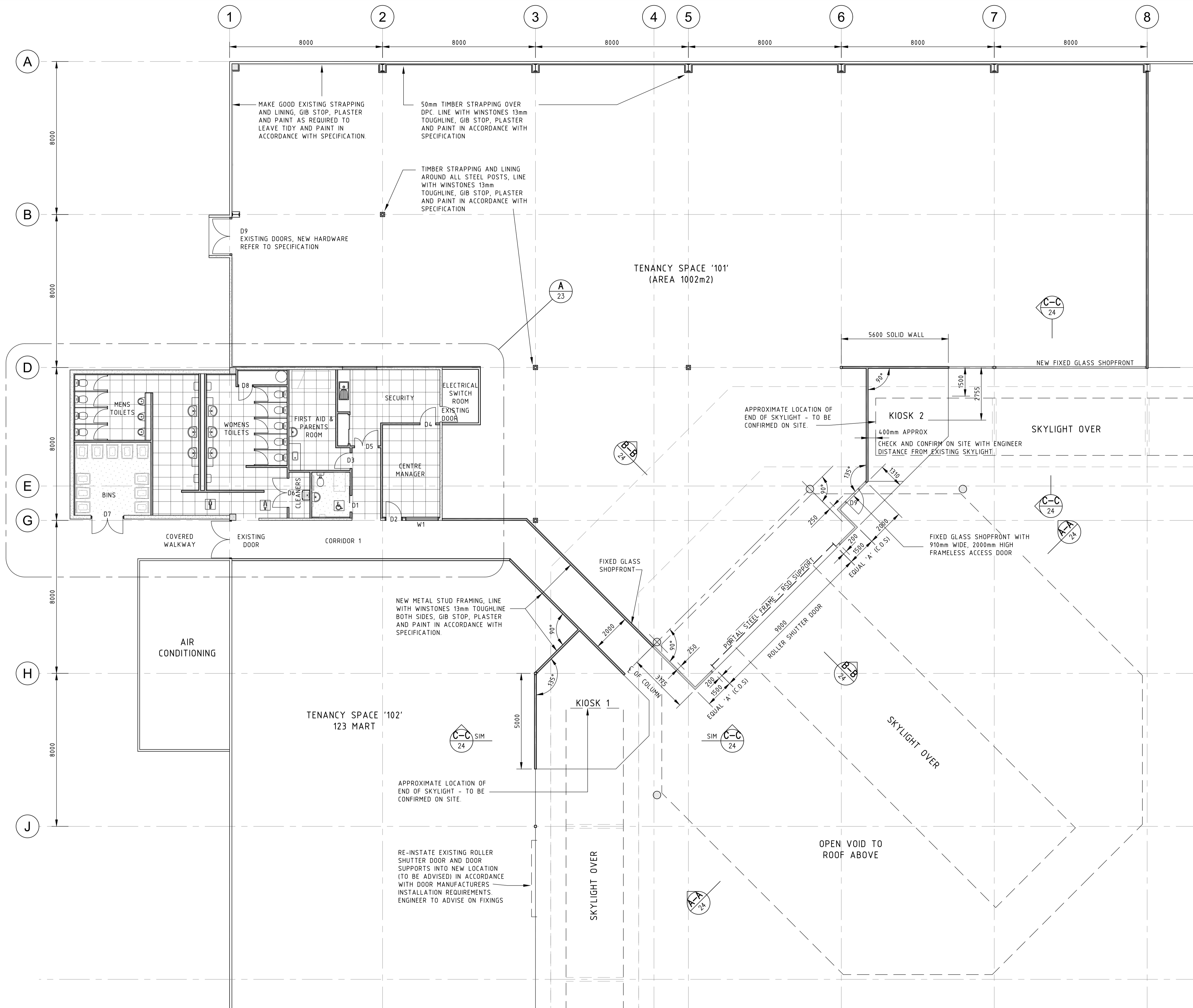
A



RESOURCE MANAGEMENT • LAND PLANNING • SURVEYING • STRUCTURAL • CIVIL • FIRE

PLOT DATE: 5/10/2015 8:42:00 a.m.

ATTACHED XREF:



NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15
B	ARCH TOILET LAYOUT CHANGED	PWL	29/09/15

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#### KEY

- NEW NON LOADBEARING WALLS - RONDO 76mm x 0.55g STEEL STUDS AT 450mm CRS LINED BOTH SIDES WITH 13mm GIB TOUGHLINE - MAX HEIGHT 4.4m
- NEW SHOPFRONT PARTITION - POTTERS 105 A SERIES (OR SIMILAR APPROVED) ALUMINIUM GLAZED PARTITIONING
- FLOOR TILES
- FLOOR VINYL

#### NOTE:

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PROJECT

GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

ARCHITECTURAL  
PART PROPOSED  
GROUND FLOOR PLAN

DESIGNED PJM  
DRAWN PWL  
CHECKED PJM  
CAD FILE E14-0869-20+23  
FIELD BOOK  
DATE JUNE 2015

SCALE AS SHOWN

DRAWING NUMBER  
E14-0869-22

SIZE A1

REV B

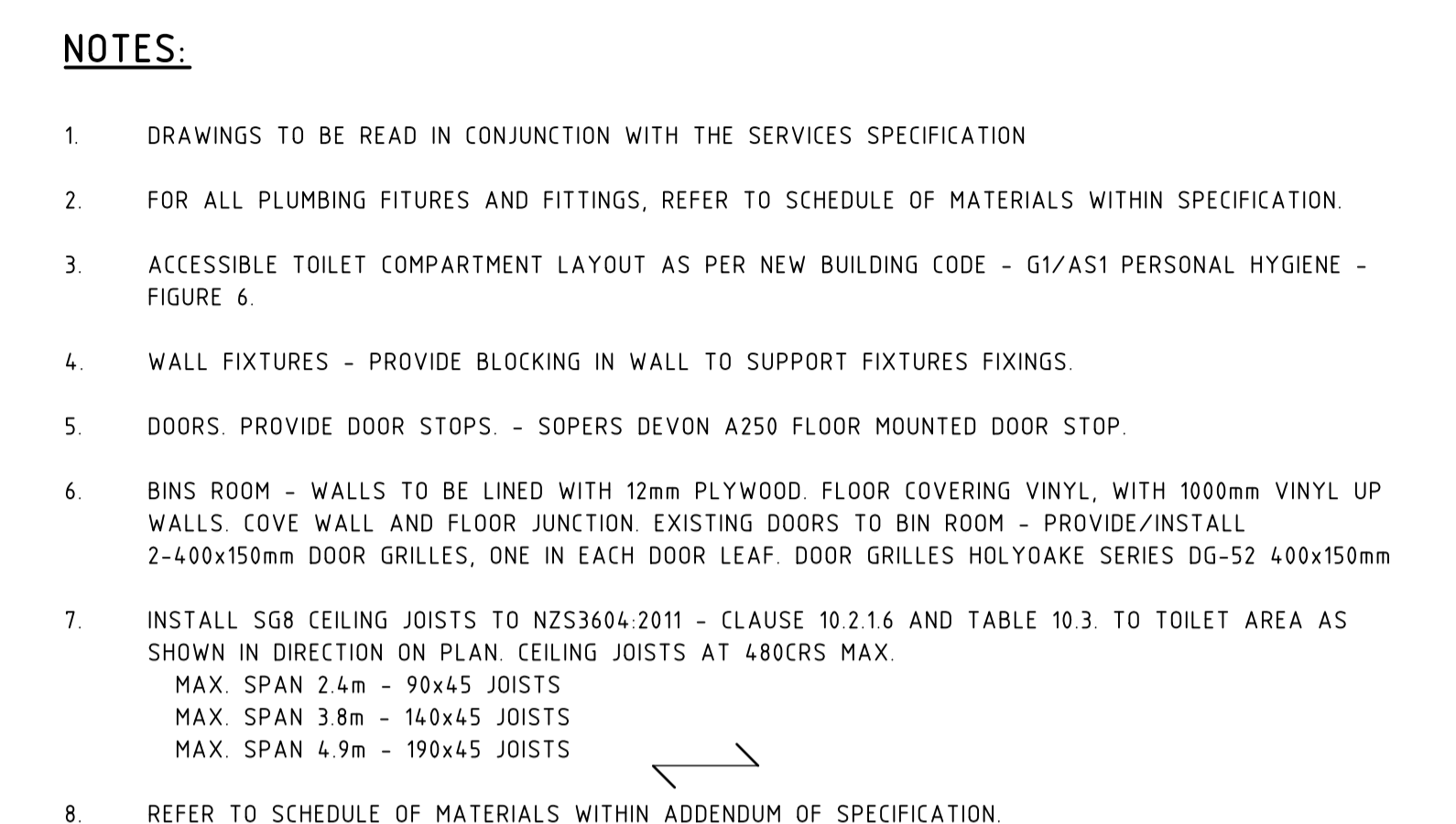
PROPOSED - PART GROUND FLOOR PLAN

1:100 AT A1 1:200 AT A3

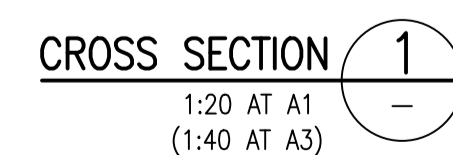
1:100 AT A1 0 1 2 3 4 5 6 7 8 9 10 m

RESOURCE MANAGEMENT • LAND PLANNING • SURVEYING • STRUCTURAL • CIVIL • FIRE

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1 \_\_\_\_\_ 2 \_\_\_\_\_



ATTACHED XREF:

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NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15

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PROJECT

GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

ARCHITECTURAL  
PROPOSED CROSS  
SECTIONS A-A, B-B, C-C

DESIGNED PUM CAD FILE E14-0869-24  
DRAWN PWL FIELD BOOK  
CHECKED PUM DATE JUNE 2015

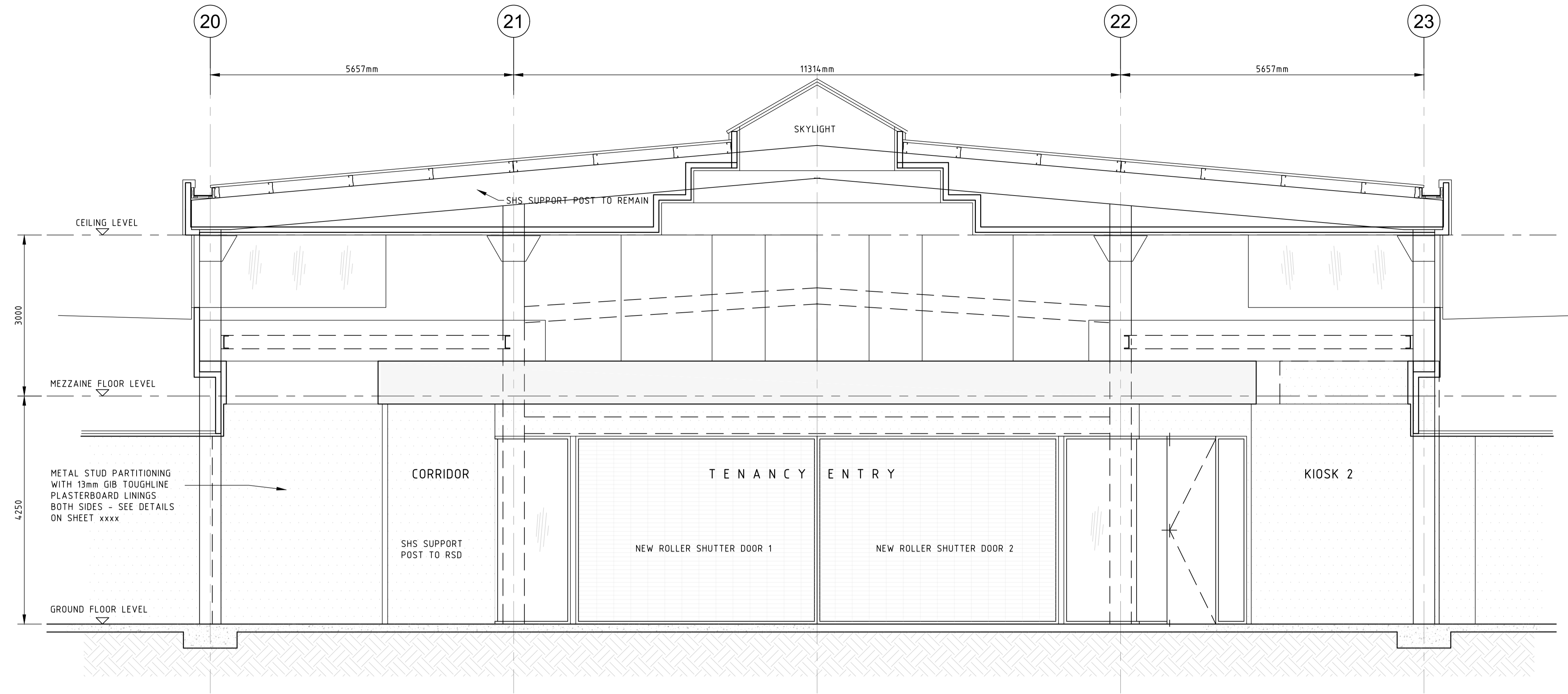
SCALE

AS SHOWN

DRAWING NUMBER  
E14-0869-24

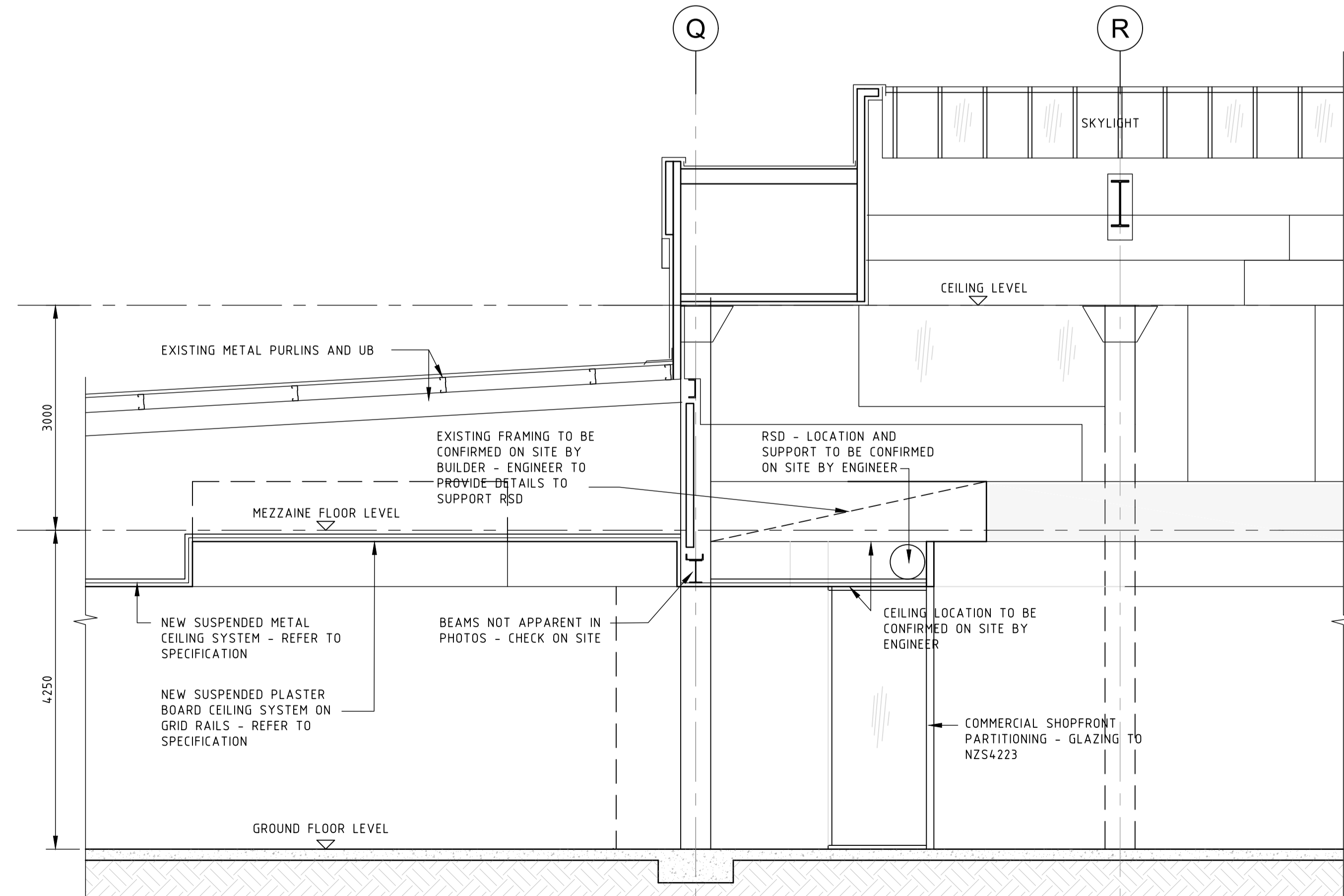
SIZE  
A1

REV  
A



PROPOSED CROSS SECTION A- A AND SHOP FRONT ELEVATION

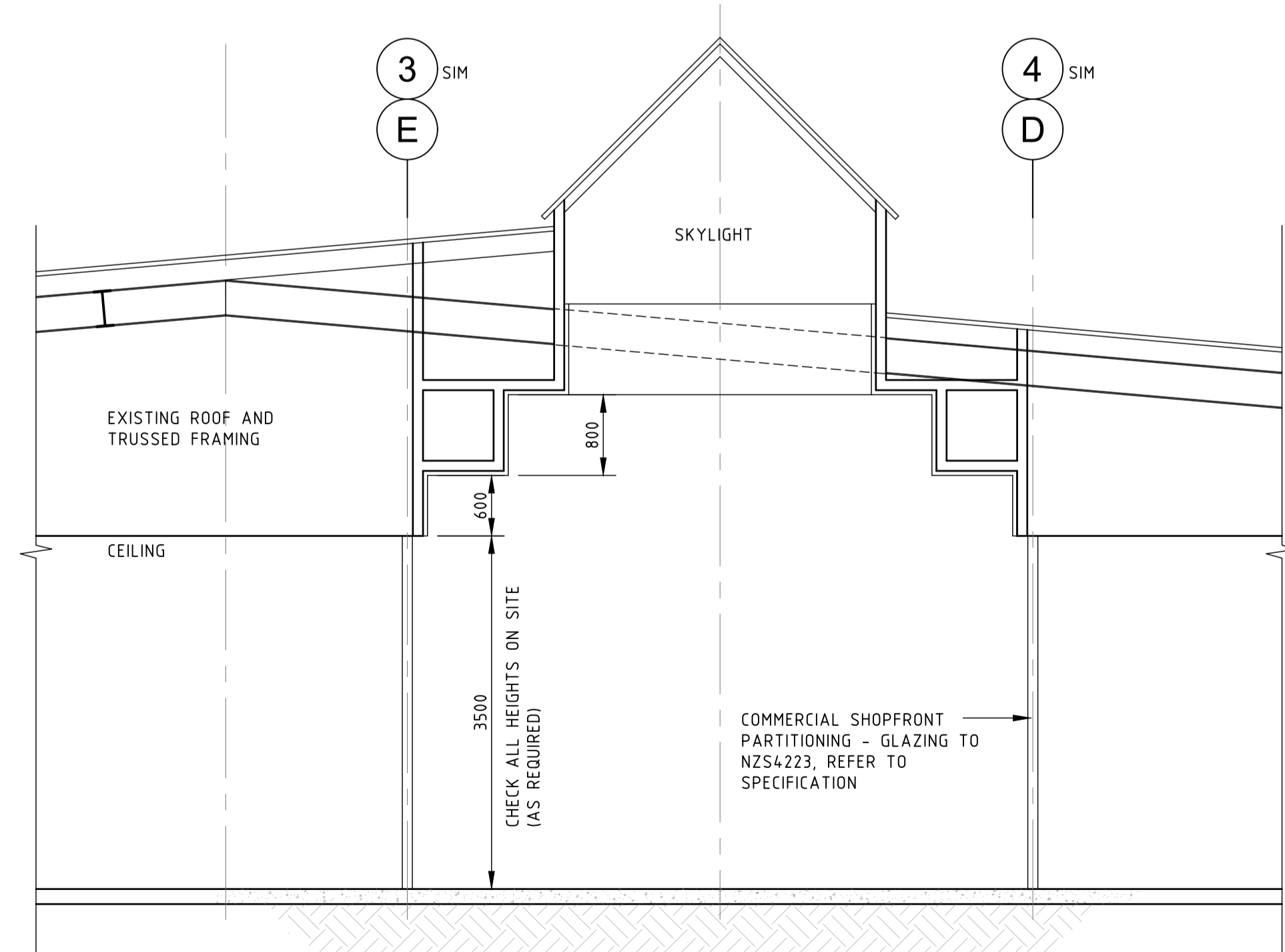
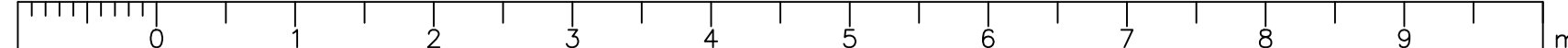
1:50 AT A1 (1:100 AT A3)



PROPOSED CROSS SECTION B-B

1:50 AT A1 (1:100 AT A3)

1:50 AT A1



PROPOSED CROSS SECTION C-C

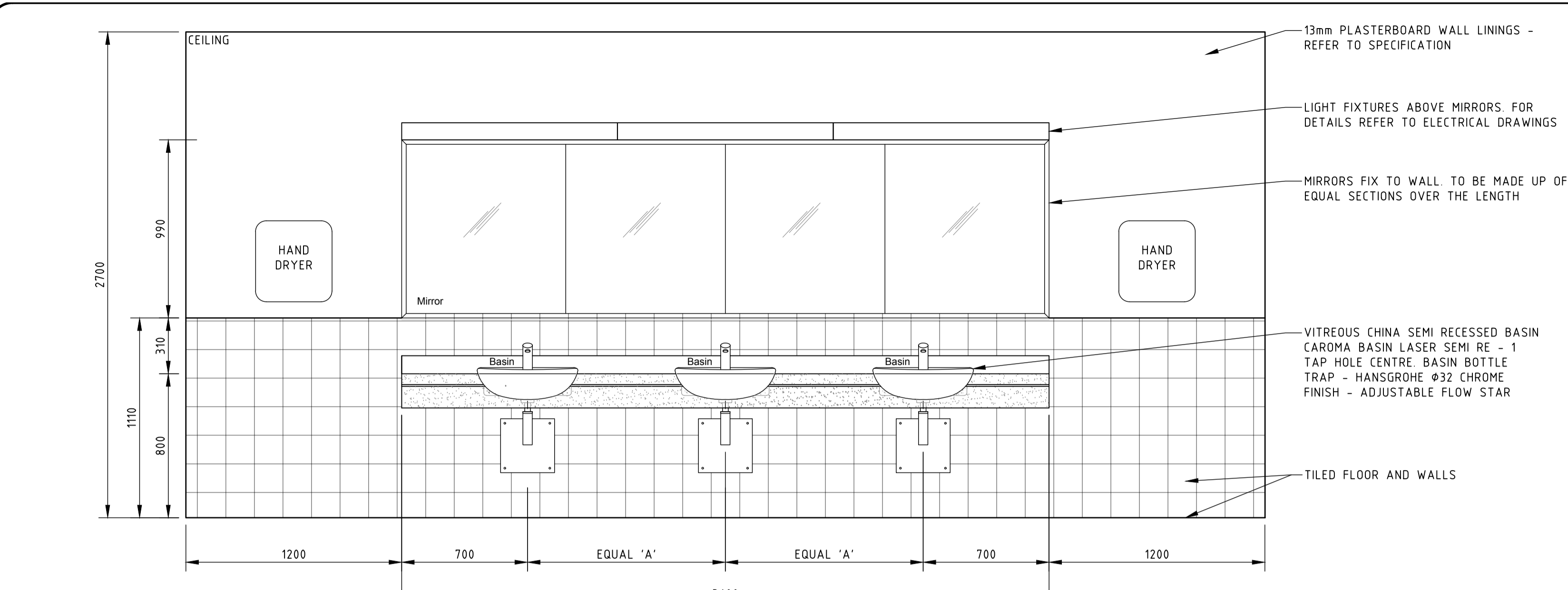
1:50 AT A1 (1:100 AT A3)

PLOT DATE: 5/10/2015 8:42:11 a.m.

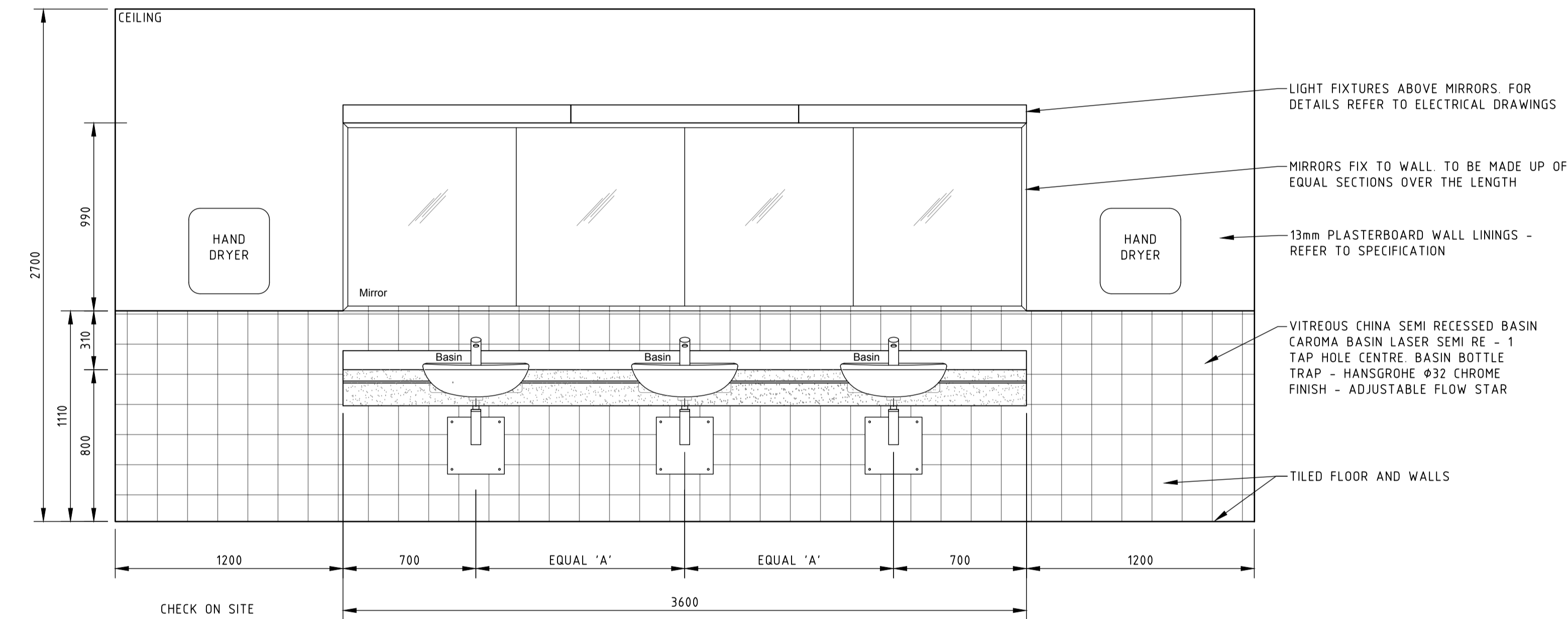
ATTACHED XREF:

RESOURCE MANAGEMENT • LAND PLANNING • SURVEYING • STRUCTURAL • CIVIL • FIRE

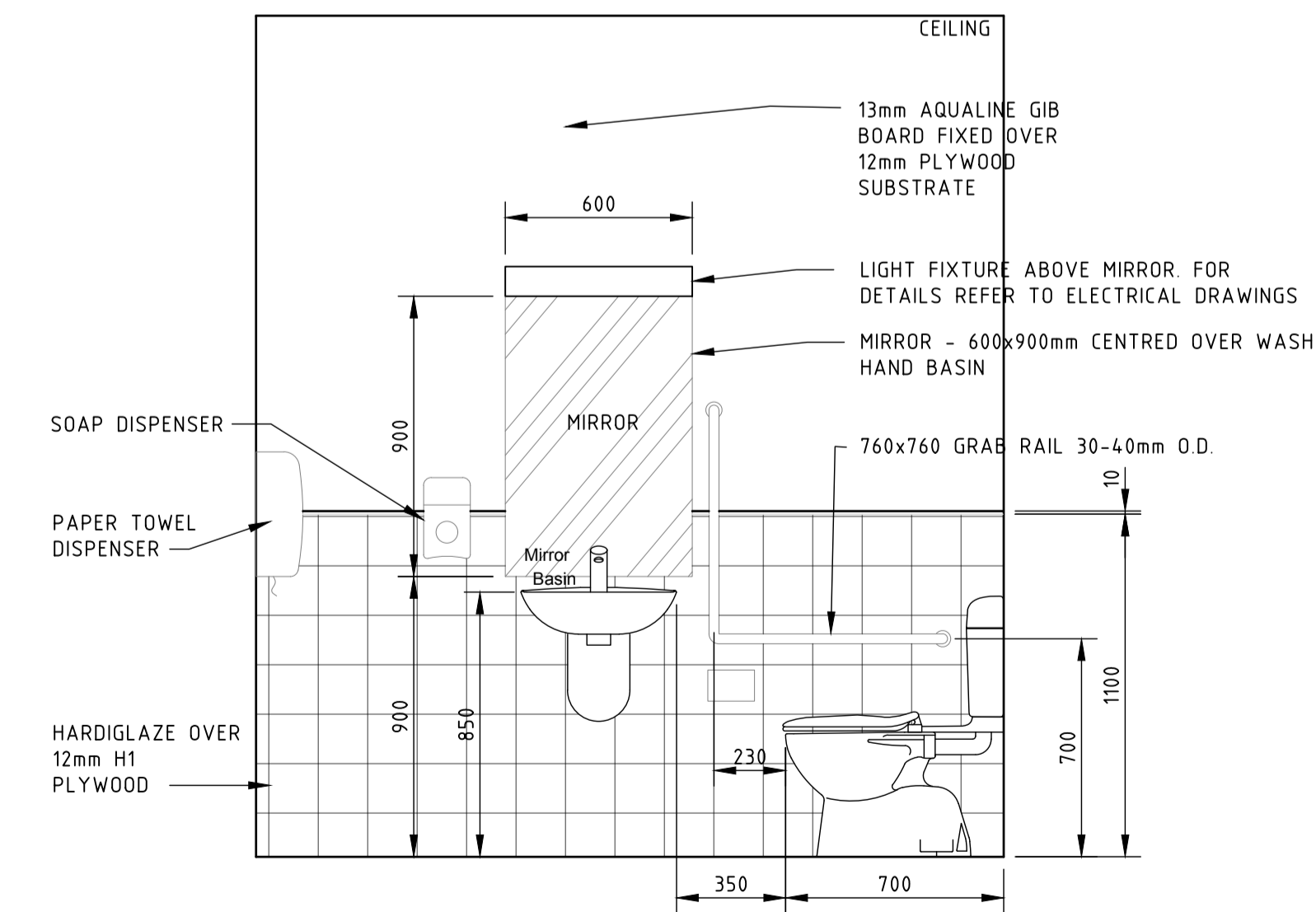
PLOT DATE: 5/10/2015 8:42:16 a.m.



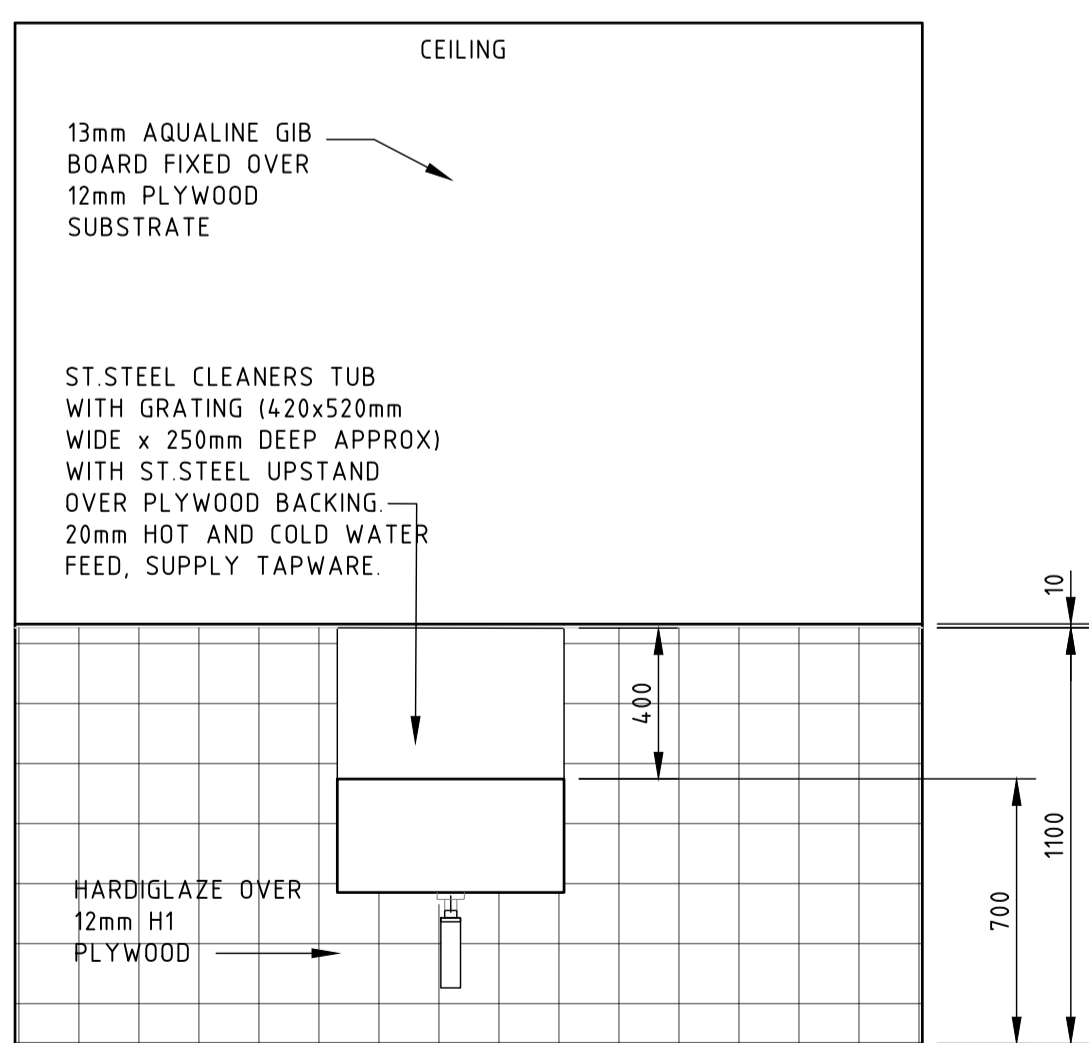
MENS TOILET - VIEW ON WASH HAND BASINS  
1:20 AT A1 (1:40 AT A3)



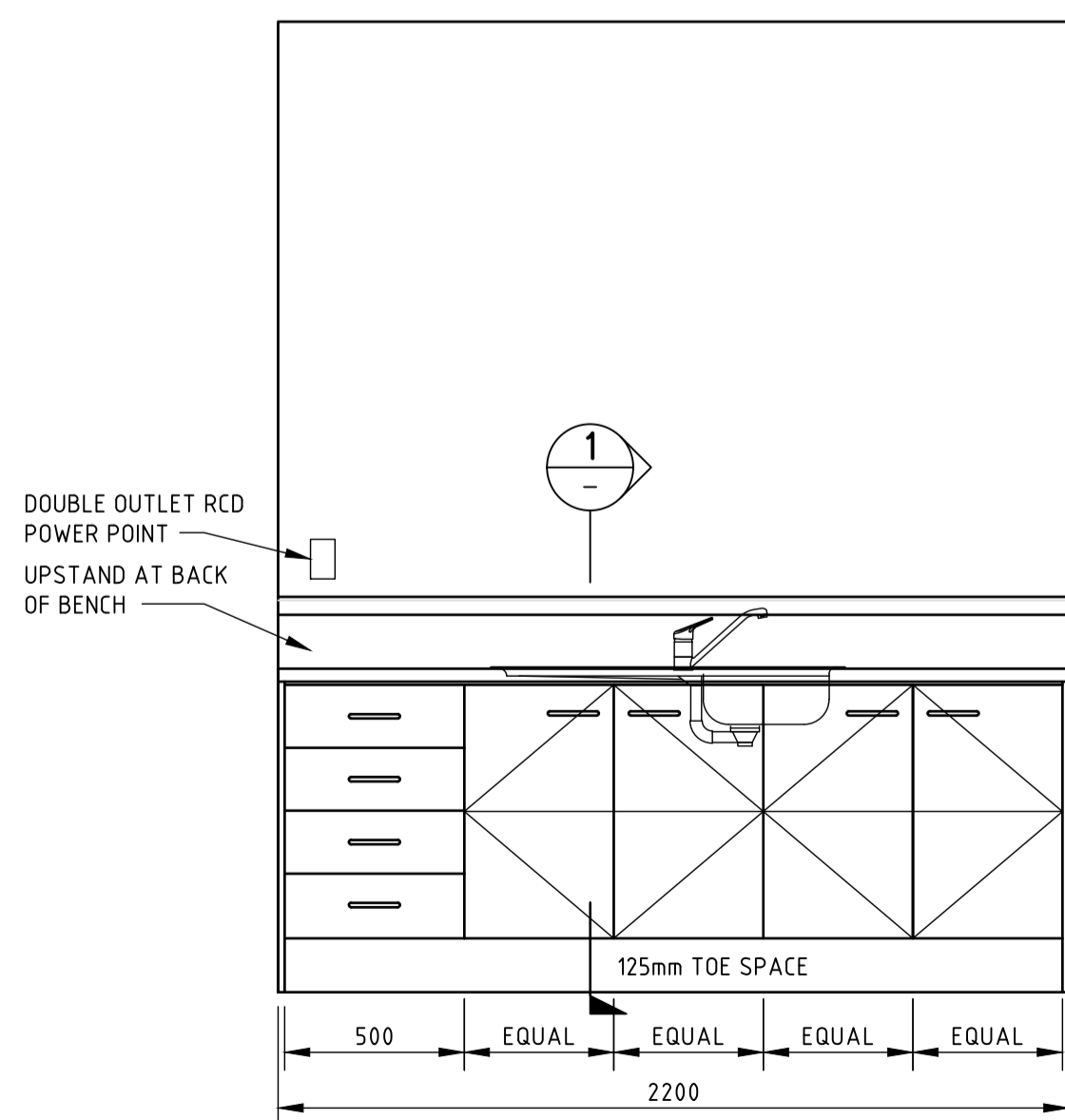
WOMENS TOILET - VIEW ON WASH HAND BASINS  
1:20 AT A1 (1:40 AT A3)



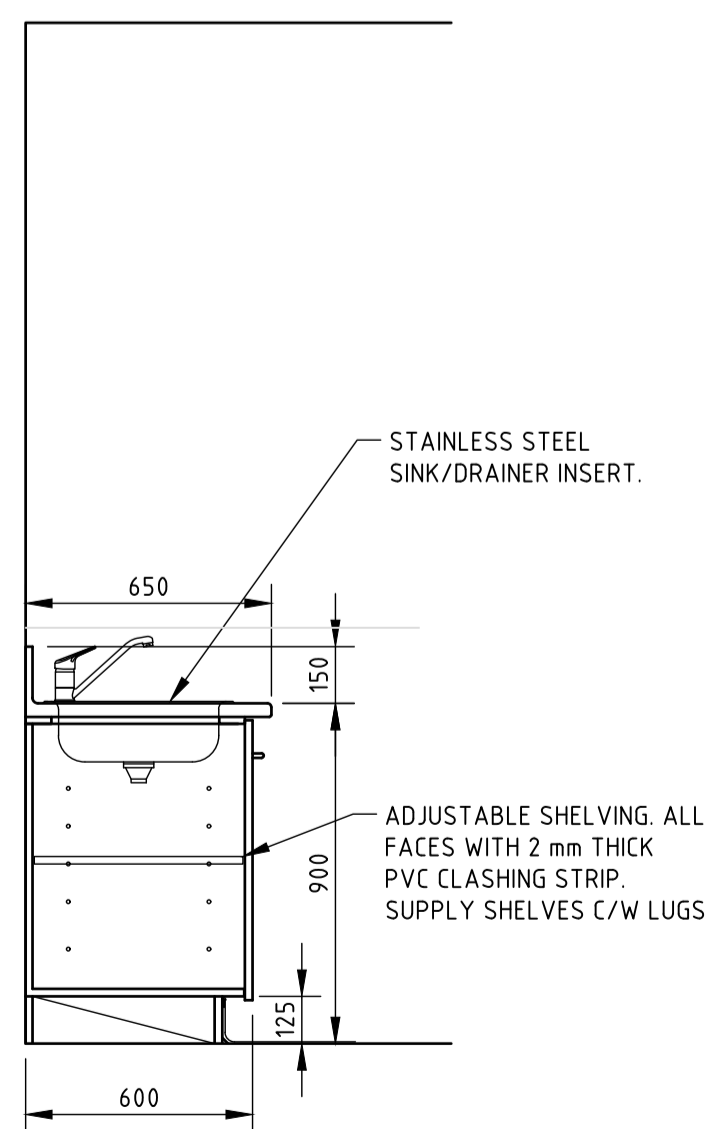
SECTIONAL VIEW 3 ACCESSIBLE TOILET  
1:20 AT A1 (1:40 AT A3)



SECTIONAL VIEW 3 CLEANERS TUB  
1:20 AT A1 (1:40 AT A3)



PARENTS ROOM BENCH - ELEVATION  
1:20 AT A1 (1:40 AT A3)



SECTION 1  
1:20 AT A1 (1:40 AT A3)

#### JOINERY NOTES:

- ALL JOINERY CABINETS AND CARCASS TO BE 18mm MDF MELTECA FACED.
- ALL BENCH TOPS TO HAVE COVED UPSTANDS WITH FORMICA LAMINATE OVER 2/18mm MDF. ALL FRONT EDGES TO BE BULNOSED, EDGES TO BE FLAT.
- DRAWER/CUPBOARD PULLS : GENERALLY SCOTTS FURNITURE PART STAINLESS STEEL 7634017 (160 x 35) AND FOR POT DRAWERS 7634066 (384 x 35)
- PROVIDE HETTICH INNOTECH DRAWER SLIDER SYSTEM ALL DRAWERS. 30 kg BEARING CAPACITY GENERALLY.
- ALL CABINET HINGES TO BE CONCEALED 'GRASS' OR SIMILAR APPROVED SELF CLOSING TYPE FOR OVERLAY CABINET DOORS
- PROVIDE Ø8mm DOOR BUFFERS BEHIND ALL DRAWERS AND CUPBOARD DOORS TO QUIETEN IMPACT FROM CLOSING
- PROVIDE PLASTIC SCREW CAPS (COLOUR TO MATCH MELTECA SURFACE) TO ALL VISIBLE SCREW HEADS
- PROVIDE CUTLERY INSERT IN TOP DRAWER OF FIRST AID AND PARENTS ROOM, JOINERY
- PARENT'S ROOM STAINLESS STEEL SINK BENCH INSERT C/W STRAINER, WASTE AND OVERFLOW FOR SINK.
- ALL JUNCTIONS IN WET AREAS TO BE SEALED WITH SILAFLEX 'C'
- ALL EDGES TO MELTECA INCLUDING SHELVING, CUPBOARDS DOORS, DRAWER FACINGS, END PANELS AND PACKERS TO BE CLASHED WITH 3mm 'T' SECTION PVC. COLOUR TO MATCH.

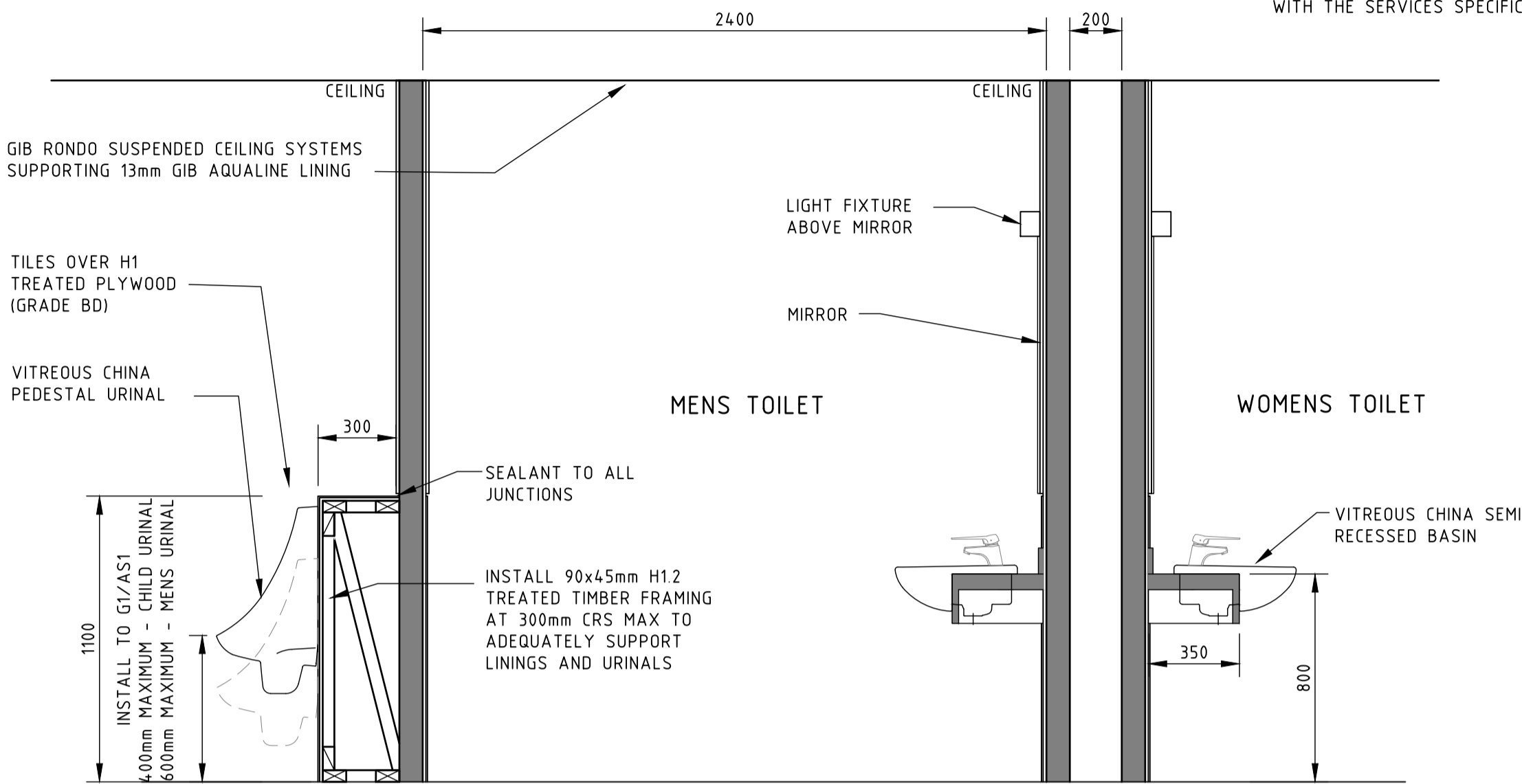
1:20 AT A1 0 0.5 1 1.5 2 m

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15
B	ARCH TOILET LAYOUT CHANGED	PWL	02/10/15

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#### NOTES:

- ALL DRAWINGS TO BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATIONS



SECTIONAL VIEW 2  
1:20 AT A1 (1:40 AT A3)

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PRINCIPAL CONSULTANT

PROJECT  
**GOLDFIELDS MALL  
100 MARY STREET  
THAMES**

DRAWING TITLE  
**ARCHITECTURAL  
JOINERY 1  
ELEVATIONS AND DETAILS**

☒ DESIGNED PWL ☒ CAD FILE E14-0869-25+27  
☒ DRAWN PWL ☒ FIELD BOOK  
☒ CHECKED PJM ☒ DATE JUNE 2015

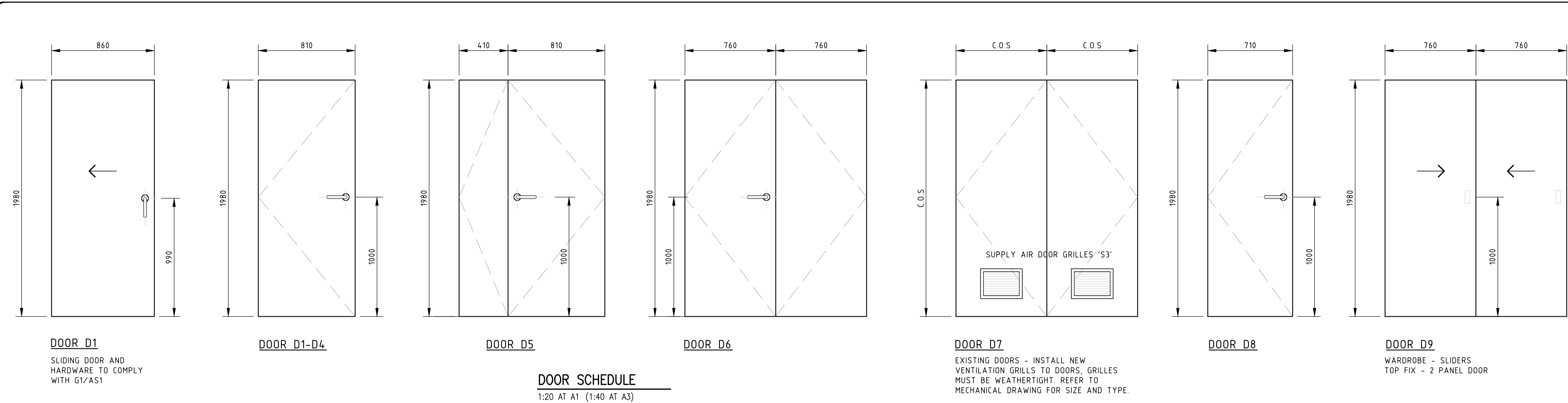
SCALE AS SHOWN SIZE A1

DRAWING NUMBER E14-0869-25 REV B

ATTACHED XREF:

RESOURCE MANAGEMENT - LAND PLANNING - SURVEYING - STRUCTURAL - CIVIL - FIRE

PLOT DATE: 5/10/2015 8:42:20 a.m.

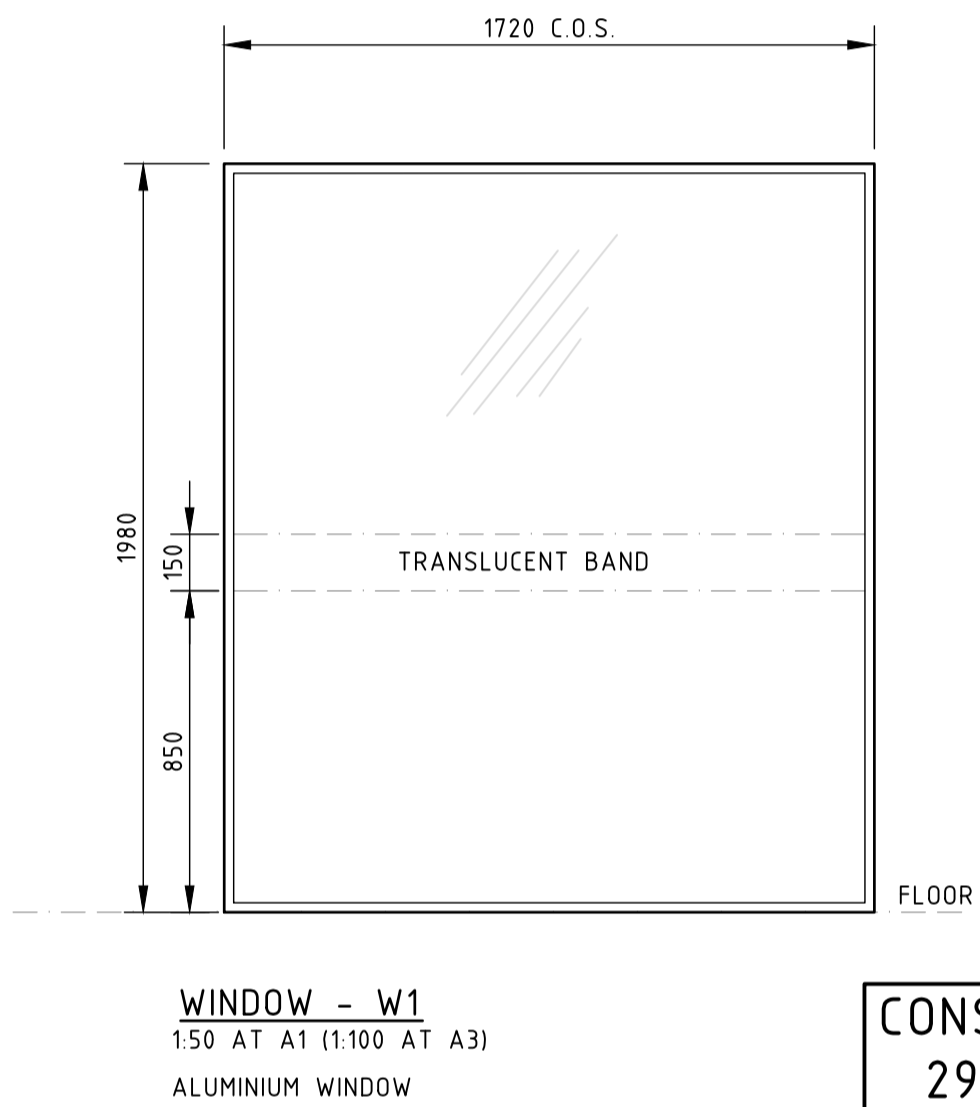
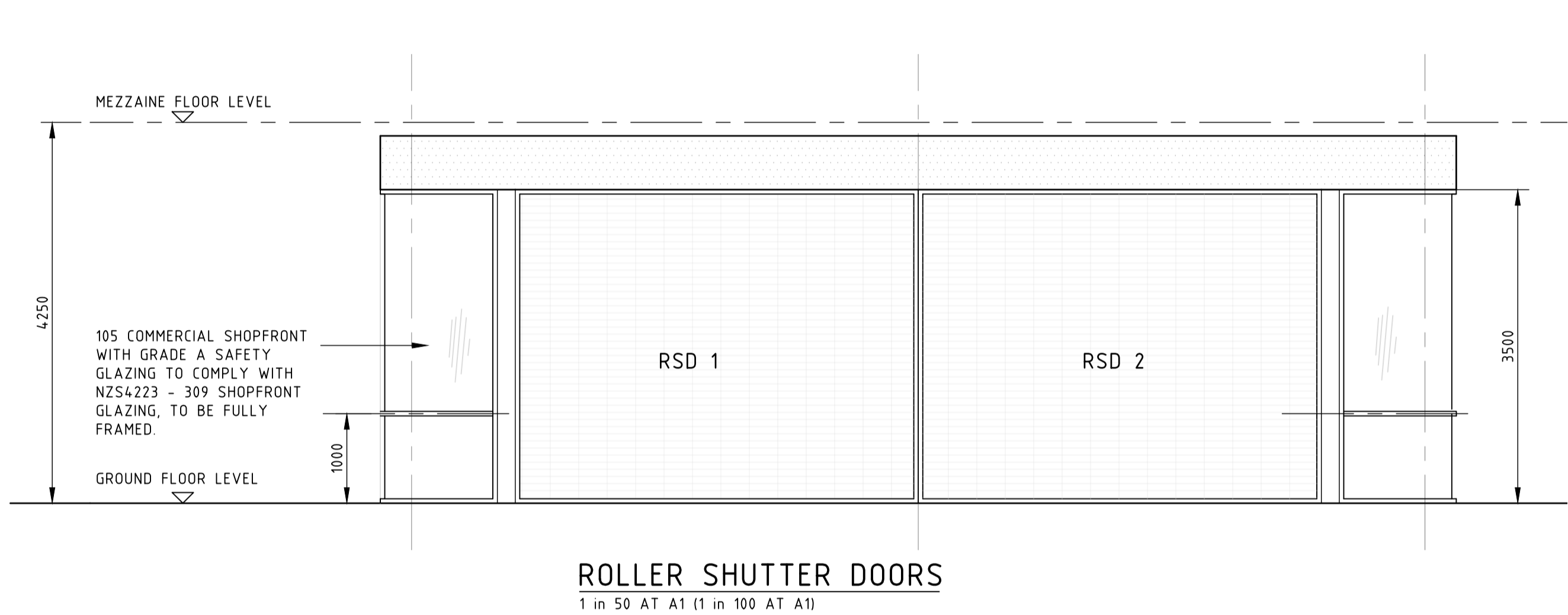
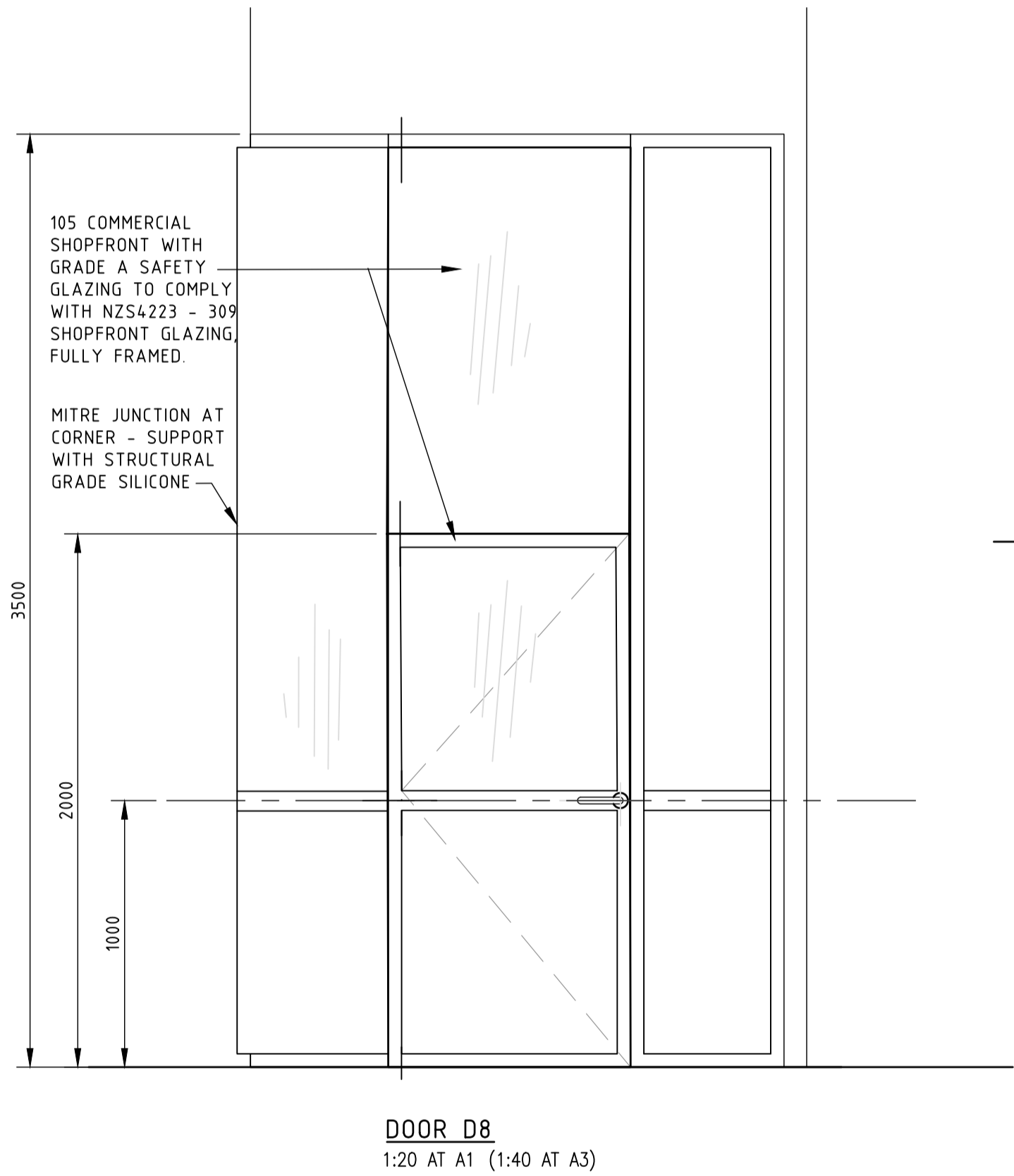


NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15
B	ARCH TOILET LAYOUT CHANGED	PWL	02/10/15

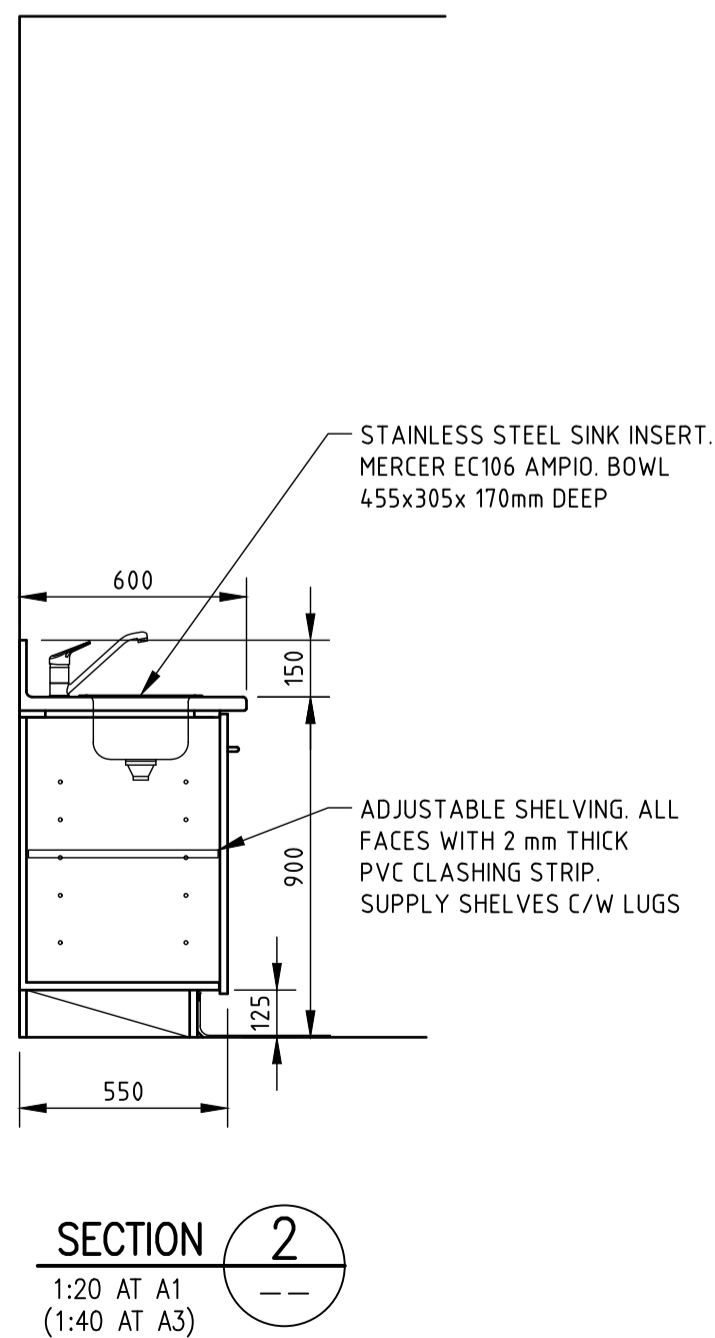
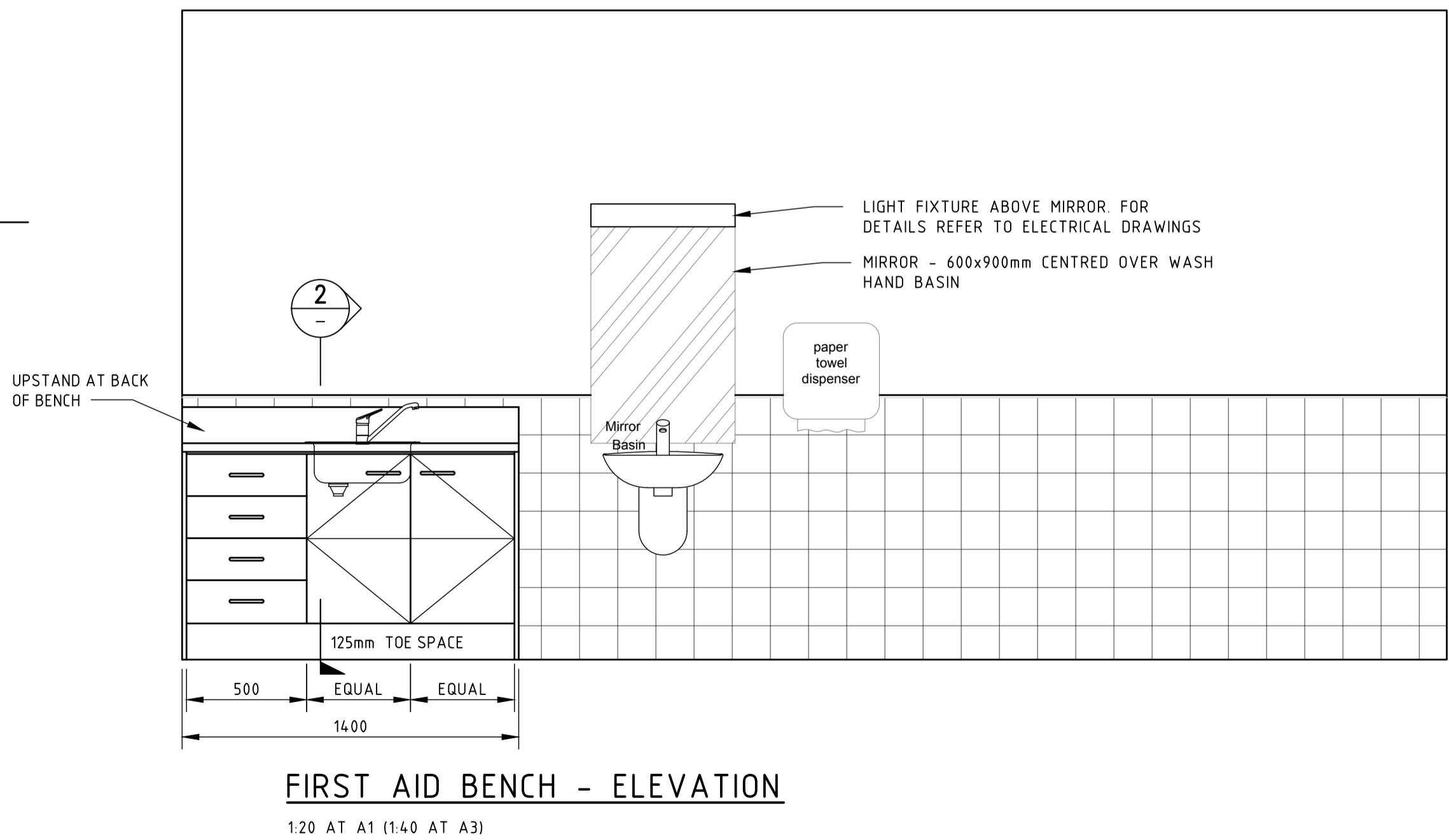
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**JOINERY NOTES:**

- REFER TO JOINERY NOTES ON PREVIOUS DRAWING
- ALL INTERIOR DOORS TO BE SOLID CORE MDF.  
REFER TO SPECIFICATION.



CONSENT ISSUE  
29/09/2015



1:50 AT A1 0 1 2 3 4 5 6 7 8 9 m

1:20 AT A1 0 0.5 1 1.5 2 m

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100 MARY STREET  
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DRAWING TITLE  
**ARCHITECTURAL  
JOINERY 2 - DOOR  
SCHEDULE AND ELEVATIONS**

DESIGNED PWL	CAD FILE E14-0869-25+27
DRAWN PWL	FIELD BOOK
CHECKED PJM	DATE JUNE 2015

SCALE **AS SHOWN** SIZE **A1**

DRAWING NUMBER **E14-0869-26** REV **B**

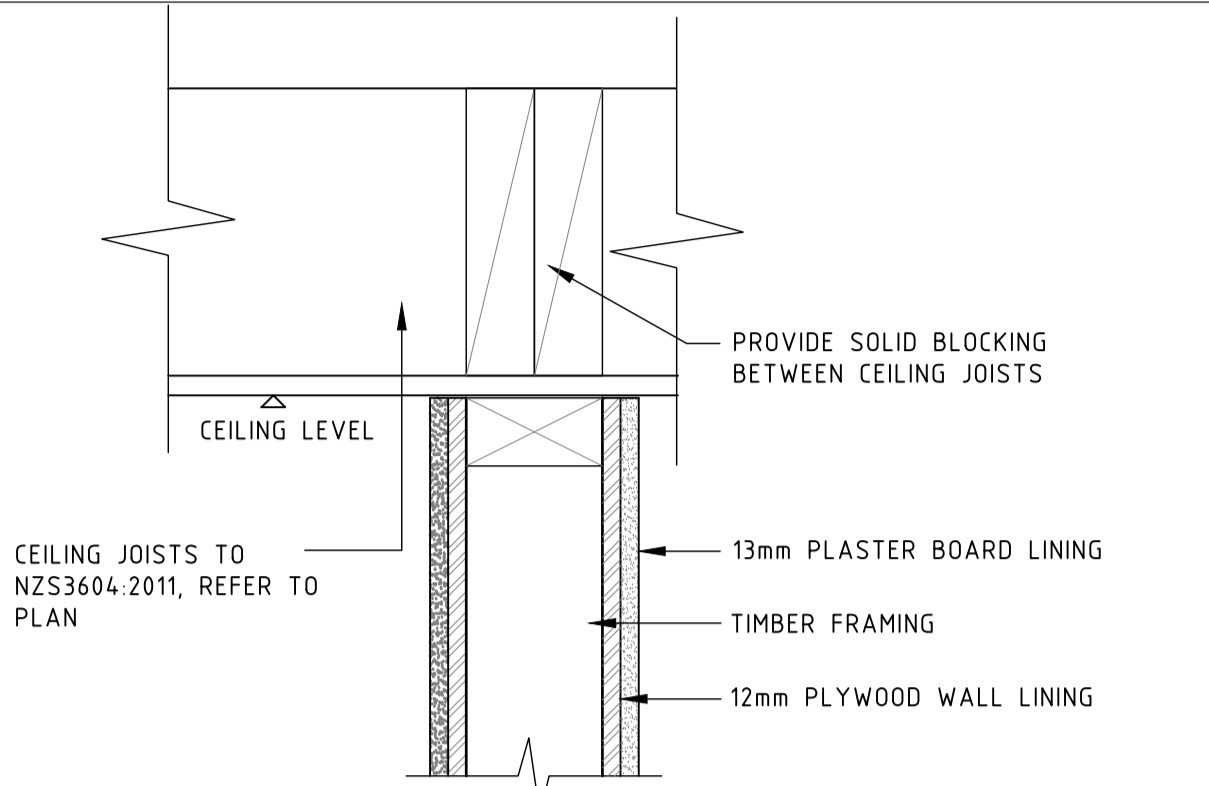
RESOURCE MANAGEMENT • LAND PLANNING • SURVEYING • STRUCTURAL • CIVIL • FIRE

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12.06.15

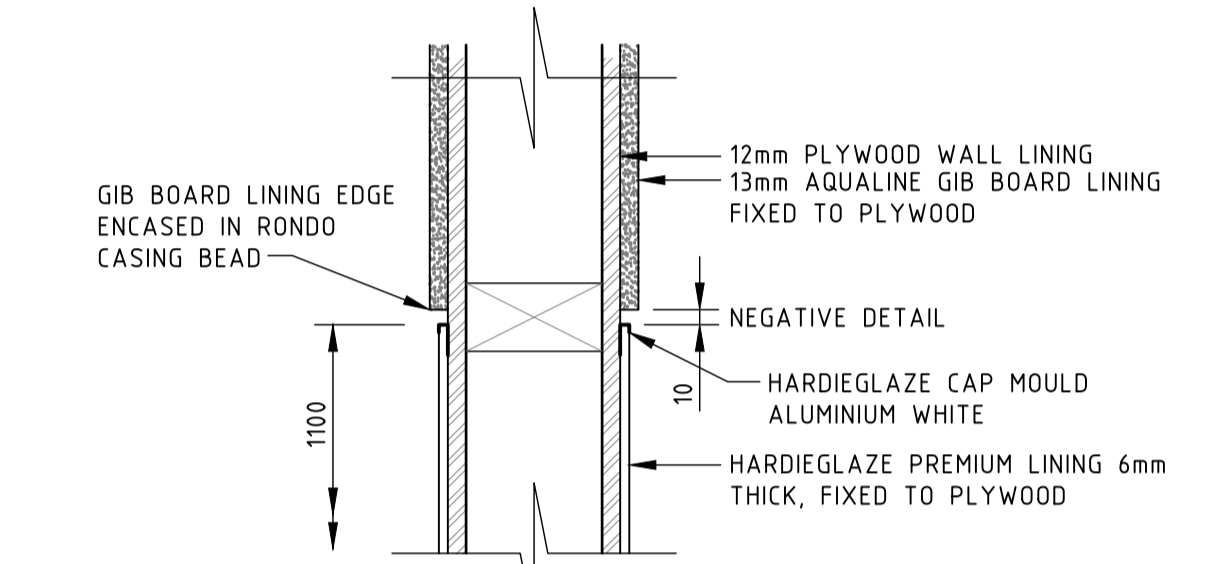
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NOTES

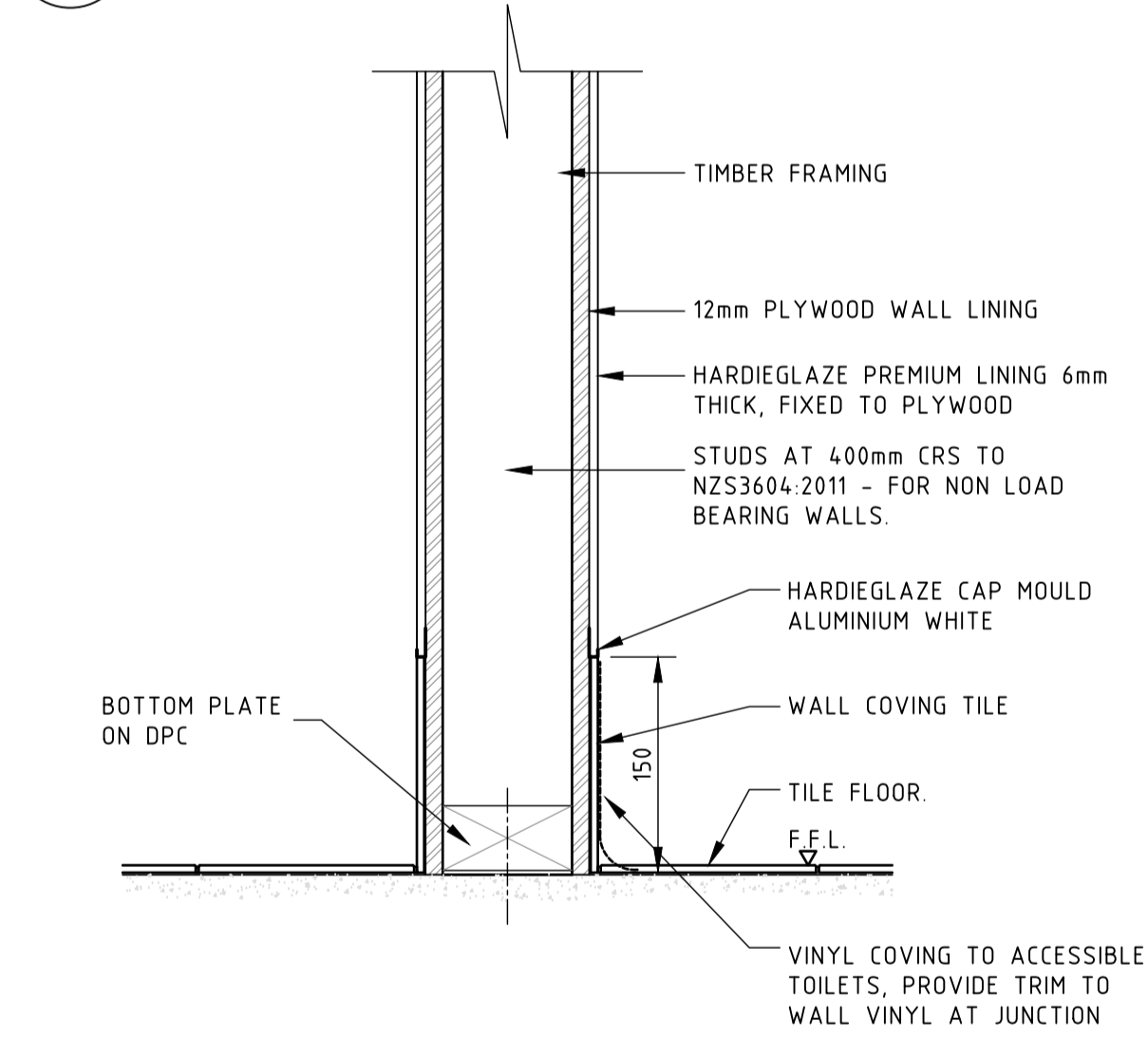
- INTERNAL AND EXTERNAL CORNERS TO BE FINISHED WITH WINSTONES GIB SLIM ANGLE METAL TRIMS AND PAPER TRIMS SUITABLE FOR HIGH IMPACT AREAS
- ALLOW TO GIB STOP AND PLASTER ALL NEW PLASTERBOARD LININGS TO LEVEL 4 FINISH. ALLO TO PAINT LININGS WITH 3 COATS ARCYLIC BASED PAINT.



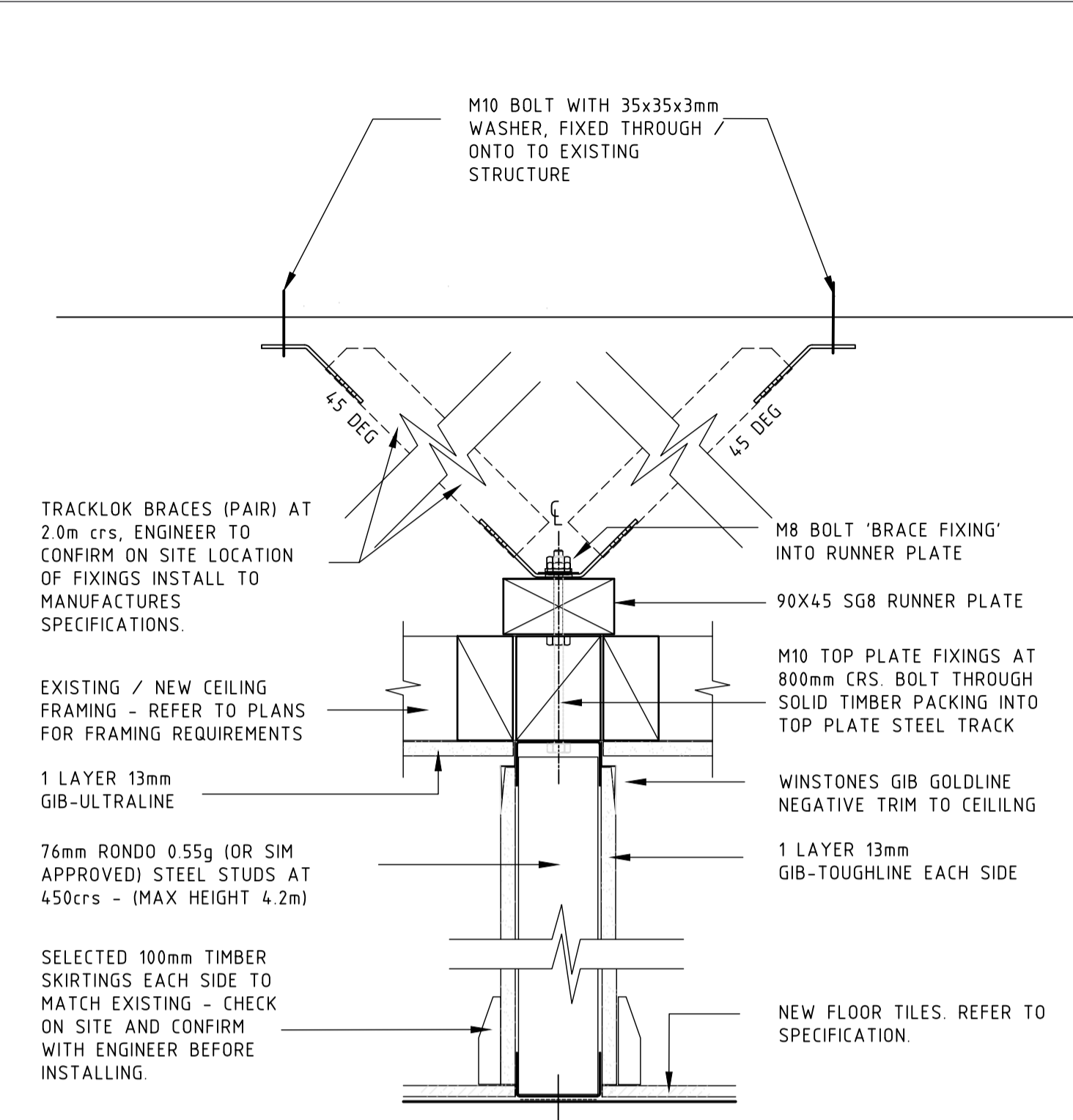
1 TIMBER PARTITION – WALL / CEILING JUNCTION  
1:5 AT A1 (1:10 AT A3)



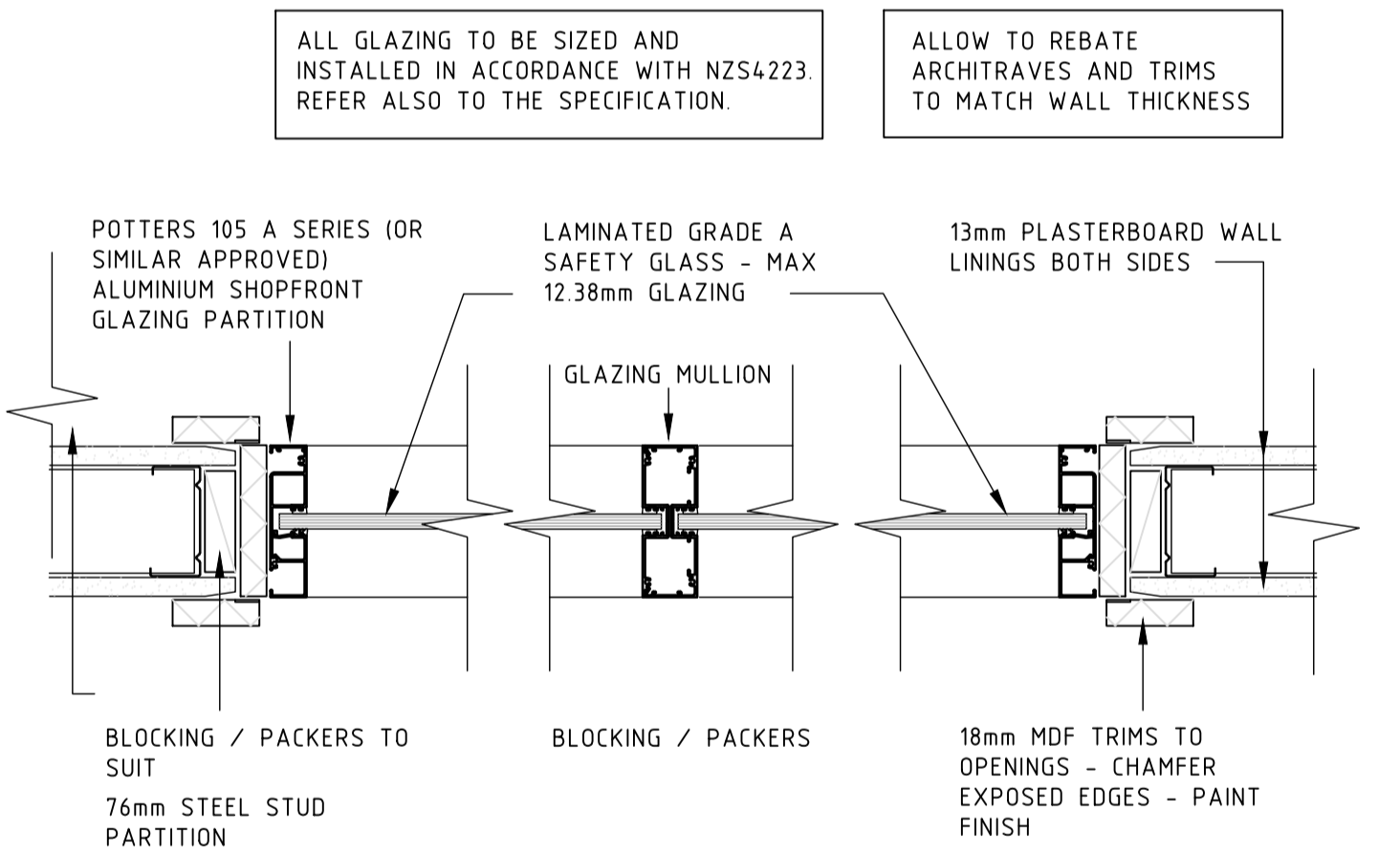
2 TIMBER PARTITION – LINING JUNCTION DETAIL  
1:5 AT A1 (1:10 AT A3)



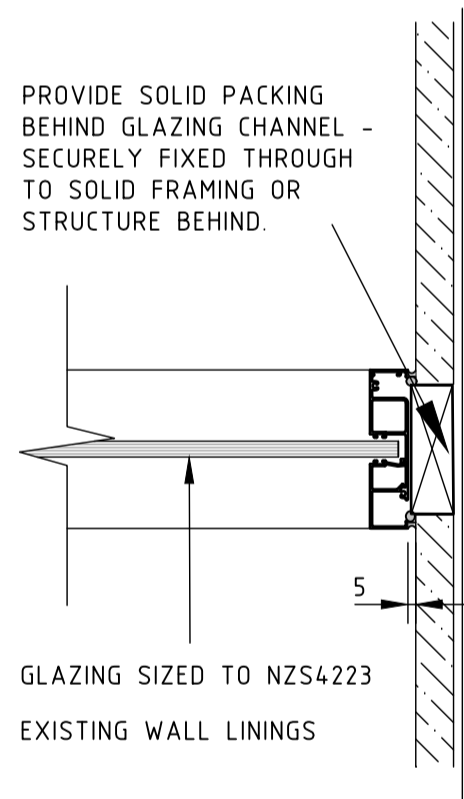
3 TIMBER PARTITION BASE DETAIL  
1:5 AT A1 (1:10 AT A3)  
(NOTE: ACCESSIBLE TOILET DETAIL SIMILAR BUT WITH VINYL COVERED UP TO 150mm)



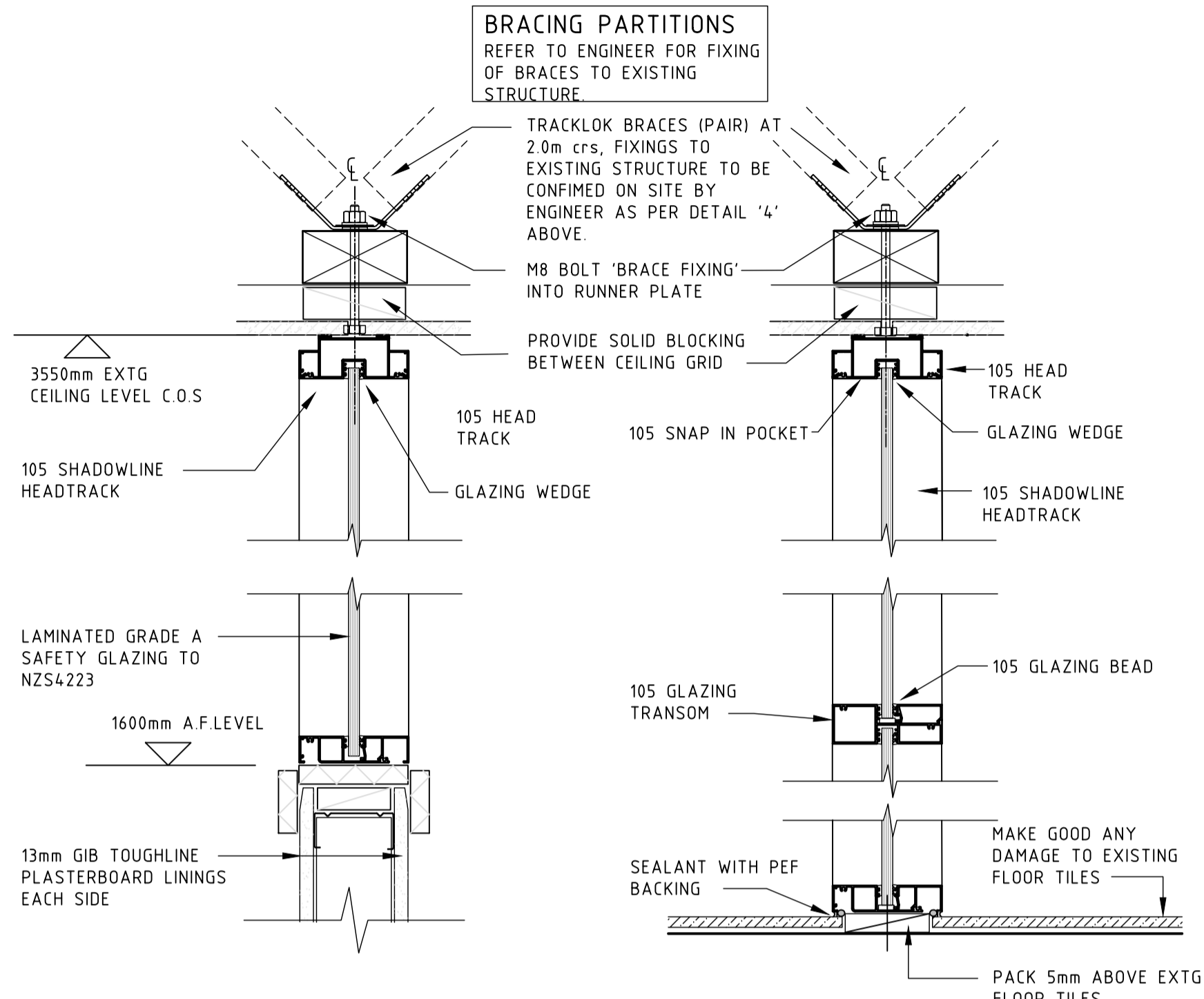
4 TYPICAL STEEL STUD – INTERTENANCY  
1:5 AT A1 (1:10 AT A3)



7 ALUMINIUM SHOPFRONT GLAZING / STEEL STUD PARTITION  
1:5 AT A1 (1:10 AT A3)

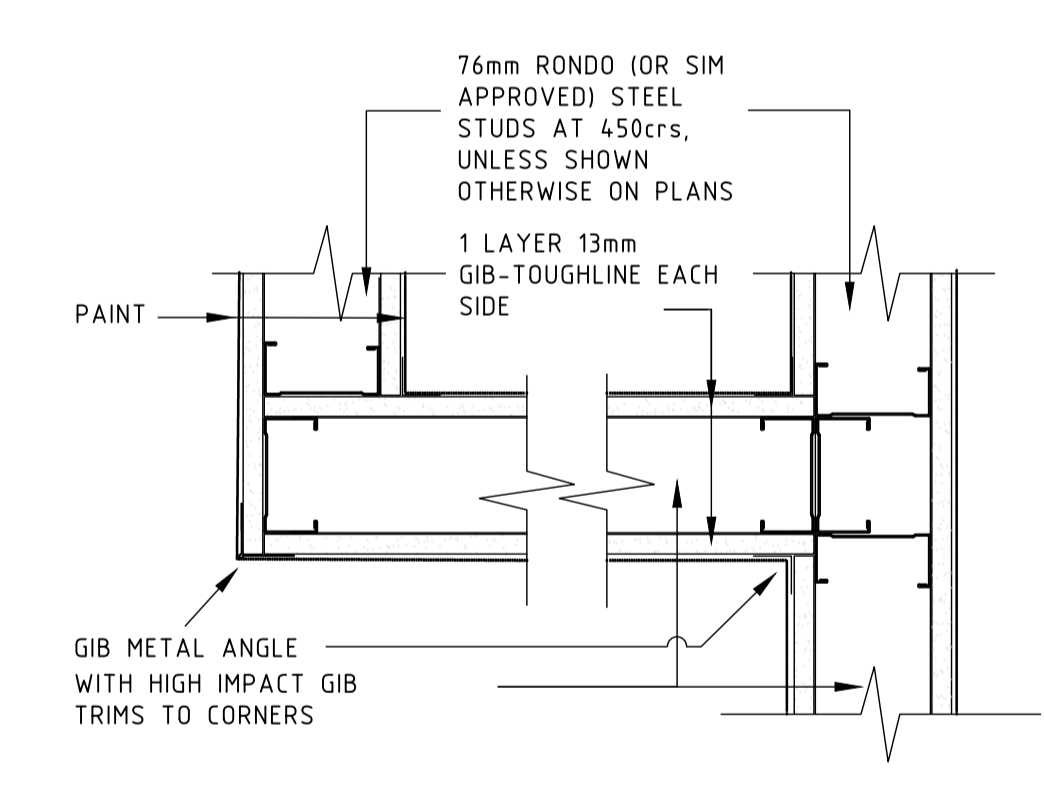


8 GLAZING / WALL  
1:5 AT A1 (1:10 AT A3)



5 METAL STUDS – GLAZED OPENING  
1:5 AT A1 (1:10 AT A3)

6 SHOPFRONT GLAZED PARTITION  
1:5 AT A1 (1:10 AT A3)



9 TYPICAL STEEL STUD – INTERTENANCY  
1:5 AT A1 (1:10 AT A3)

CONSENT ISSUE  
12/06/2015

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CLIENT

GFSC LIMITED

PRINCIPAL CONSULTANT

PROJECT

GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

ARCHITECTURAL  
CONSTRUCTION DETAILS

DESIGNED PWL  
DRAWN PWL  
CHECKED PJM  
CAD FILE E14-0869-25+27  
FIELD BOOK  
DATE JUNE 2015

SCALE AS SHOWN  
SIZE A1

DRAWING NUMBER E14-0869-27  
REV A

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15
B	HT FWG MENS	QCM	16/07/15
C	ARCH TOILETS LAYOUT CHANGE	PWL	02/10/15

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NOTE:

- DRAWING TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATION.
- ALL DRAINAGE TO G13 / AS1
- ALL PLUMBING TO AS/NZS 3500.2
- ALL DRAINAGE BENEATH SLAB TO BE CLEAR OF FOUNDATION BEAMS BY 500mm, REFER ALSO TO THE SPECIFICATION. SLEEVE NEW SOIL DRAIN 1000mm EITHER SIDE OF EXISTING GROUND BEAMS TO BUILDING EXTERIOR AND ADJACENT TO GRID 1
- ALLOW TO REPAIR SLAB AS DIRECTED BY ENGINEER.

LEGEND AND SYMBOLS

	PIPE RUN NEAR FLOOR
	PIPE RUN BELOW FLOOR
	PIPE RUN WHICH WILL BE VISIBLE AT HIGH LEVEL
	PIPE RUN ABOVE CEILING OR IN A ROOF SPACE
	CHANGING IN PIPE SIZE
	PIPE CONNECTION
	ARROW INDICATES DIRECTION OF FLOW
	ISOLATING VALVE
	TEMPERING VALVE (SET TO 55°C)
M	MIXING VALVE
WH	HIGH PRESSURE COLD WATER
HL	TEMPERED HOT WATER SERVICES (55°C)
NR	NON RETURN VALVE
WHB	WASH HAND BASIN
S	SINK
WC	WATER CLOSET
CLS	CLEANERS SINK
HWC	HOT WATER CYLINDER - 135 LITRE
HT	HOSE TAP
FWG	FLOOR WASTE GULLY
FD	FLOOR DRAIN
GT	GULLY TRAP
OFG	OVERFLOW RELIEF GULLY
FLCO	FLOOR LEVEL CLEAN OUT
DS	SOIL DRAIN
DW	DRAIN WASTE

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PROJECT  
**GOLDFIELDS MALL  
100 MARY STREET  
THAMES**

DRAWING TITLE  
**PLUMBING AND DRAINAGE  
PROPOSED DRAINAGE PLAN  
AND DETAILS**

☒ DESIGNED PJM  
☒ DRAWN PWL  
☒ CHECKED

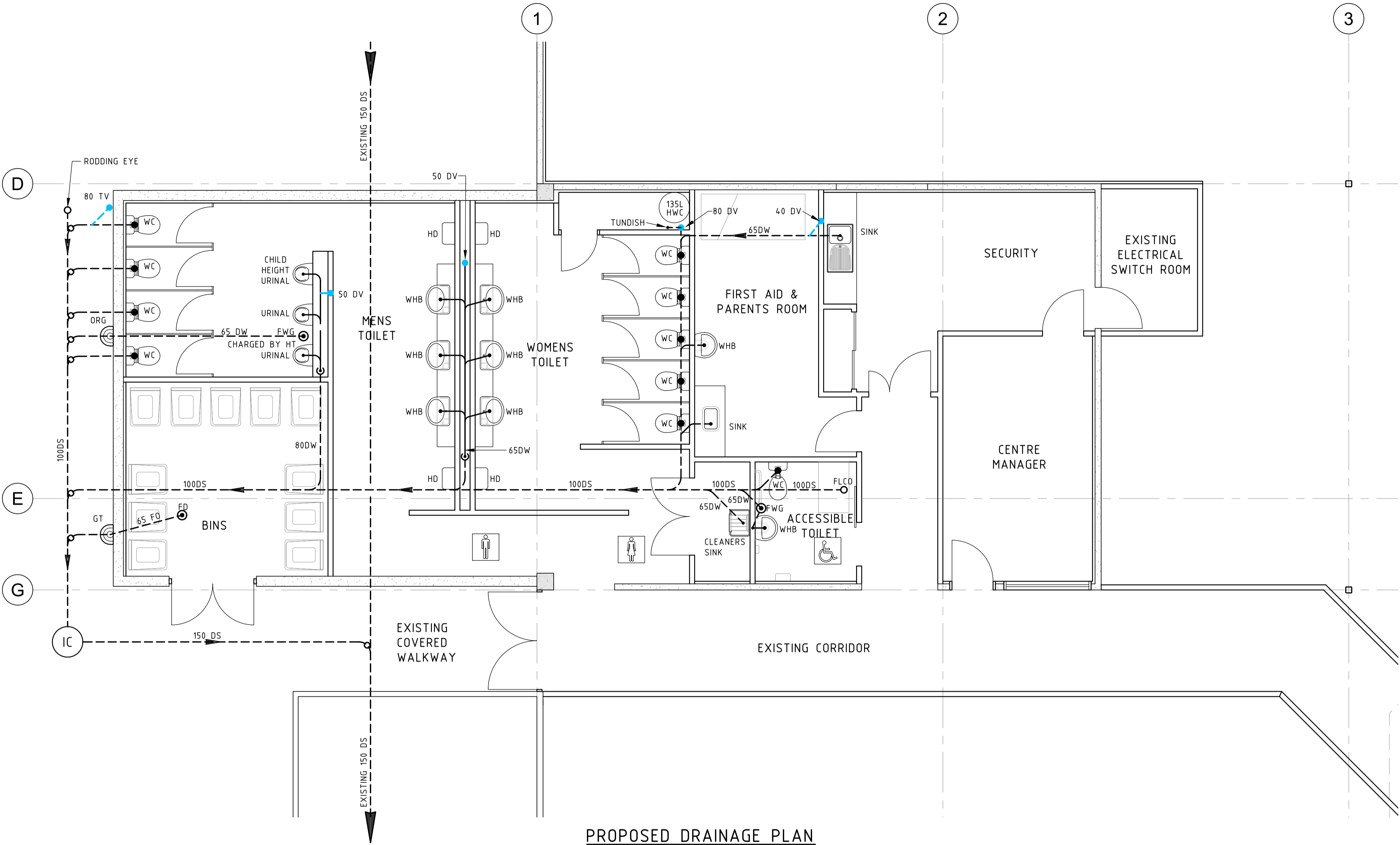
☒ CAD FILE E14-0869-30+31  
☒ FIELD BOOK  
☒ DATE JUNE 2015

SCALE  
**AS SHOWN**

DRAWING NUMBER  
**E14-0869-30**

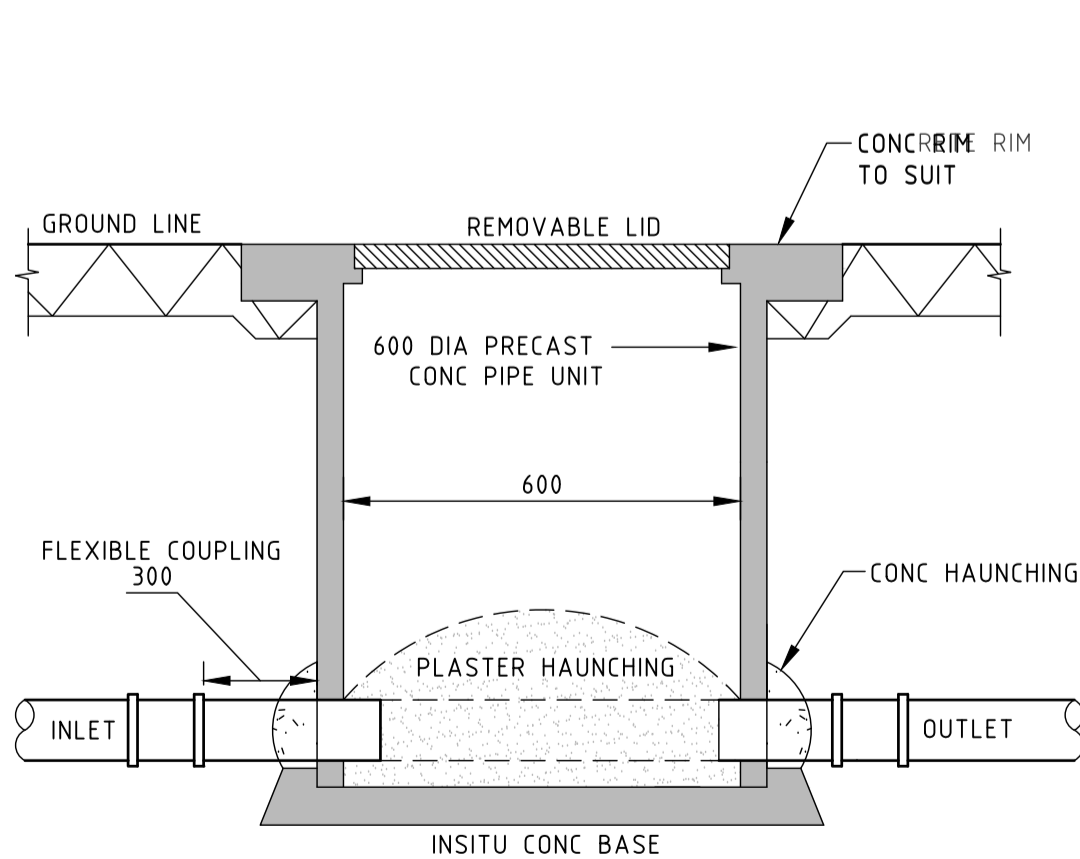
SIZE  
**A1**

REV  
**C**



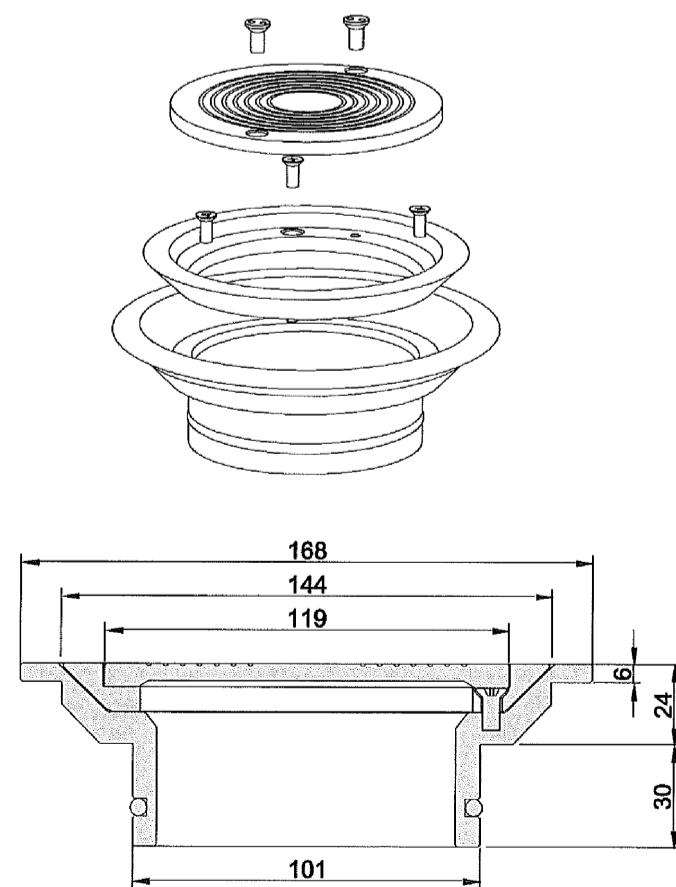
PROPOSED DRAINAGE PLAN

SCALE 1:50 AT A1 (1:100 AT A3)

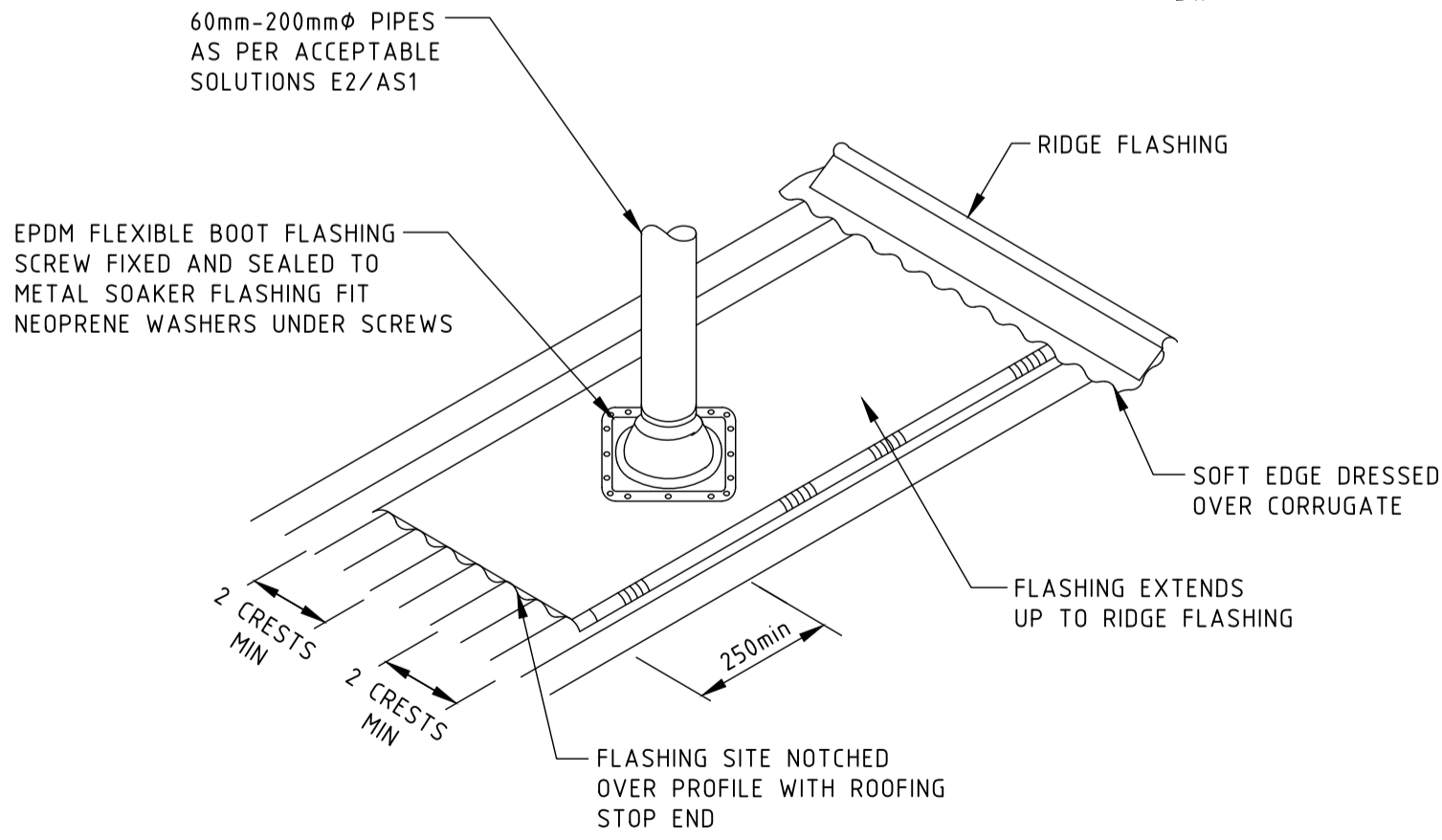


TYPICAL DETAIL - INSPECTION CHAMBER

1:20 AT A1 (1:40 AT A3)

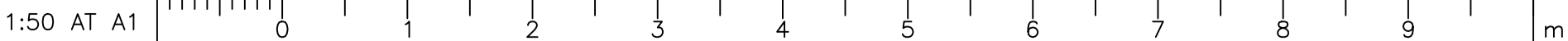


FLOOR LEVEL CLEAN OUT



TYPICAL ROOF PENETRATIONS

N.T.S.

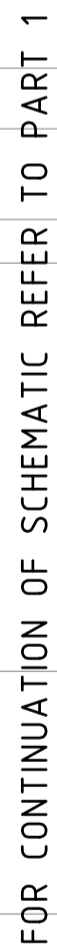
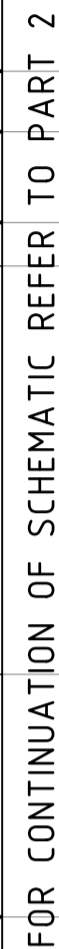


PLOT DATE: 5/10/2015 8:42:31 a.m.

ATTACHED XREF: E14-0869 - TOILETS MODEL

RESOURCE MANAGEMENT • LAND PLANNING • SURVEYING • STRUCTURAL • CIVIL • FIRE

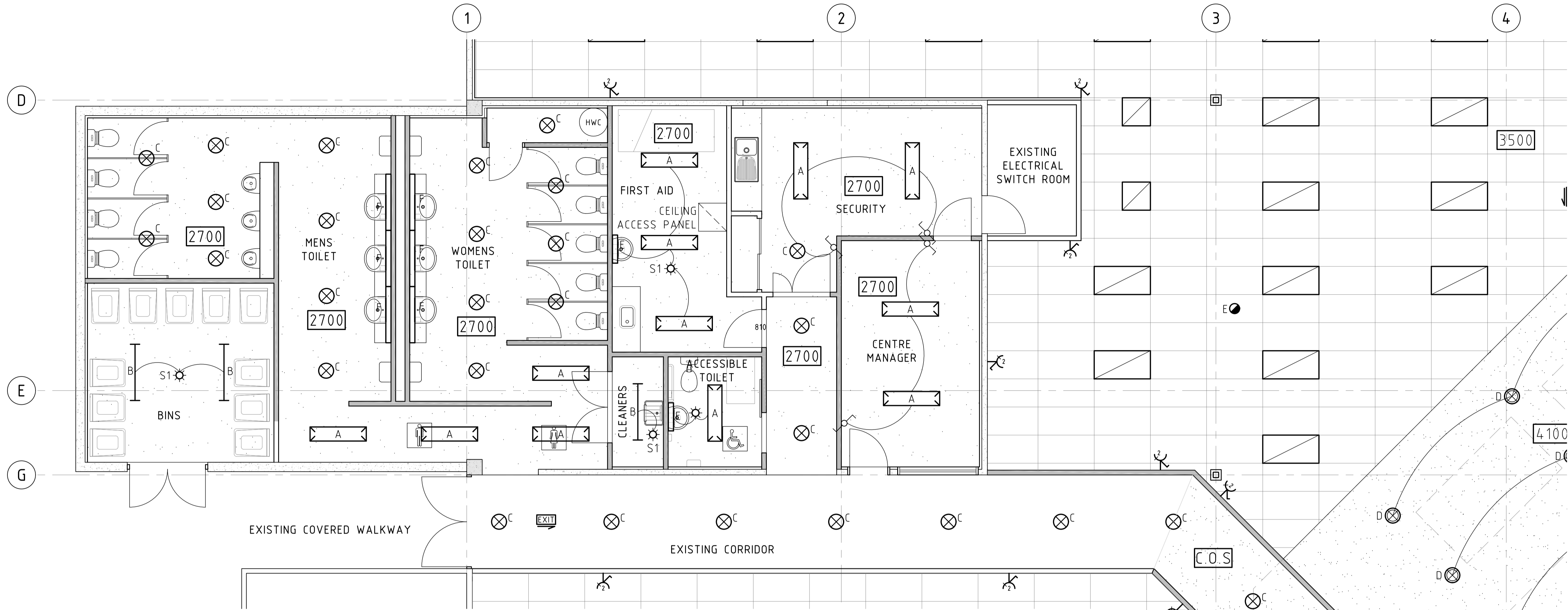
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NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15
B	ARCH TOILETS LAYOUT CHANGE	PWL	02/10/15

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### PROPOSED - NEW TOILETS GROUND PLAN

SCALE 1:50 AT A1 (1:100 AT A3)

#### LIGHTING LEGEND

	1200x300 RECESSED FLUORESCENT - EAGLELIGHTING FLEXITROFFER 2x28 T5, COLOUR 840 EL-FT5-228-200-00
	SUSPENDED FLUORESCENT - EAGLELIGHTING - BATTEN DIFFUSED - 2x28 T5
	POLO LED264 16W IP65 LED
	ASCENT 150 LED ROUND DOWNLIGHT - VERY HIGH OUTPUT 42W-46W - CONCORD RECESSED FITTING (ASTHETICS LIGHTING)
	GREEN STAR LED SLOT WALL MOUNTED LIGHT IP55 (LENGTH 600mm) PROFILE 59Wx82D mm. 4 x 6W LED BOARD. LIGHT MOUNTED ABOVE MIRROR, REFER TO ARCHITECTURAL DRAWINGS.
	GREEN STAR LED SLOT WALL MOUNTED LIGHT IP55 (LENGTH 1200mm) PROFILE 59Wx82D mm. 8 x 6W LED BOARD. LIGHT MOUNTED ABOVE MIRROR, REFER TO ARCHITECTURAL DRAWINGS.
	EXIT - BLADE TYPE ILLUMINATED EXIT WALL/CEILING MOUNT (DIRECTION ARROW)
	EMERGENCY LIGHT - THORN E20D10FP 10W RECESSED
	ONE WAY SWITCH - 1000mm AFL
	TWO WAY SWITCH - 1000mm AFL
	DIMMER SWITCH - PDL 600 DESIGNER SERIES LIGHT DIMMER, RATED TO SUIT CIRCUIT - 1000mm AFL
	SENSOR - MULTI-DIN PRESENCE - CEILING MOUNTED RECESSED PIR PRESENCE DETECTOR, SWITCHING ON/OFF IN RESPONSE TO ROOM OCCUPANCY
	SWITCHING CIRCUIT
	CEILING HEIGHT
	THORN LIGHTING TO SUSPENDED METAL CEILING GRID 1200x600mm LIGHTING MODULES

#### GENERAL NOTES:

- DRAWINGS TO BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATION
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE FINAL CIRCUITRY DESIGN, AND PROVISION OF THE STATEMENT OF CONFORMITY FOR COMPLIANCE.
- ALLOW FOR LIGHTING NOT SHOWN WITH LOCAL SWITCHING TO BE CONTROLLED VIA MALL LIGHTING MASTER SWITCH ON/OFF CONTROL

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CLIENT

GFSC LIMITED

PRINCIPAL CONSULTANT

PROJECT

GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

ELECTRICAL SERVICES  
LIGHTING LAYOUT  
TOILETS

<input type="checkbox"/> DESIGNED PM	<input type="checkbox"/> CAD FILE E14-0869-40+41
<input type="checkbox"/> DRAWN JML	<input type="checkbox"/> FIELD BOOK
<input type="checkbox"/> CHECKED	<input type="checkbox"/> DATE JUNE 15

SCALE AS SHOWN SIZE A1

DRAWING NUMBER E14-0869-40 REV B

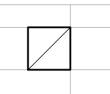
PLOT DATE: 5/10/2015 8:42:41 a.m.

ATTACHED XREF: E14-0869 - TOILETS MODEL

RESOURCE MANAGEMENT - LAND PLANNING - SURVEYING - STRUCTURAL - CIVIL - FIRE

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1. DRAWINGS TO BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATION
2. THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE FINAL CIRCUITRY DESIGN, AND PROVISION OF THE STATEMENT OF CONFORMITY FOR COMPLIANCE.
3. ALLOW FOR LIGHTING NOT SHOWN WITH LOCAL SWITCHING TO BE CONTROLLED VIA MALL LIGHTING MASTER SWITCH ON/OFF CONTROL

	1200x300 RECESSED FLUORESCENT LIGHTING - EAGLELIGHTING FLEXITROFFER 2x28 T5, COLOUR 840 EL-F15-Z28-200-00
	SUSPENDED FLUORESCENT - EAGLELIGHTING - BATTEN DIFFUSED - 2x28 T5
	POLO LED264 16W IP65 LED
	ASCENT 150 LED ROUND DOWNLIGHT - VERY HIGH OUTPUT 42W-46W - CONCORD RECESSED FITTING (ASTHETICS LIGHTING)
	GREEN STAR LED SLOT WALL MOUNTED LIGHT IP55 (LENGTH 600mm) PROFILE 59Wx82D mm 4 x 6W LED BOARD. LIGHT MOUNTED ABOVE MIRROR, REFER TO ARCHITECTURAL DRAWINGS.
	GREEN STAR LED SLOT WALL MOUNTED LIGHT IP55 (LENGTH 1200mm) PROFILE 59Wx82D mm 8 x 6W LED BOARD. LIGHT MOUNTED ABOVE MIRROR, REFER TO ARCHITECTURAL DRAWINGS.
	EXIT - BLADE TYPE ILLUMINATED EXIT WALL/CEILING MOUNT (DIRECTION ARROW)
	EMERGENCY LIGHT - THORN E2QD10FP 10W RECESSED
	ONE WAY SWITCH - 1000mm AFL
	TWO WAY SWITCH - 1000mm AFL
	DIMMER SWITCH - PDL 600 DESIGNER SERIES LIGHT DIMMER, RATED TO SUIT CIRCUIT - 1000mm AFL
	SENSOR - MULTI-DIN PRESENCE - CEILING MOUNTED RECESSED PIR PRESENCE DETECTOR, SWITCHING ON/OFF IN RESPONSE TO ROOM OCCUPANCY
	SWITCHING CIRCUIT
	CEILING HEIGHT
	THORN LIGHTING TO SUSPENDED METAL CEILING GRID 1200x600mm LIGHTING MODULES
	THORN LIGHTING TO SUSPENDED METAL CEILING GRID 600x600mm LIGHTING MODULES
	DOUBLE POWER OUTLET (OUTLET HEIGHT 300mm AFL)
(XXXX)	OUTLET HEIGHT ABOVE FLOOR
	EXTENT OF NEW 13MM GIB PLASTERBOARD CEILINGS - REFER TO SCHEDULE OF MATERIALS



SCALE 1:100 AT A1 (1:200 AT A3)

DRAWING NUMBER	REV
E14-0869-41	B

ATTACHED XREF: F14-0869 - TOILETS MODEL

RESOURCE MANAGEMENT - LAND PLANNING - SURVEYING - STRUCTURAL - CIVIL - FIRE

NO	REVISION	BY	DATE
A	CONSENT ISSUE	PWL	02/10/15

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GENERAL NOTES:

- DRAWINGS TO BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATION
- THE ELECTRICAL CONTRACTOR SHALL ALLOW FOR THE FINAL CIRCUITRY DESIGN, AND PROVISION OF THE STATEMENT OF CONFORMITY FOR COMPLIANCE.
- ALLOW FOR LIGHTING NOT SHOWN WITH LOCAL SWITCHING TO BE CONTROLLED VIA MALL LIGHTING MASTER SWITCH ON/OFF CONTROL

LIGHTING LEGEND

- 1200x300 RECESSED FLUORESCENT - EAGLELIGHTING FLEXITROFFER 2x28 T5, COLOUR 840 EL-FTS-228-200-00
- SUSPENDED FLUORESCENT - EAGLELIGHTING - BATTEN DIFFUSED - 2x28 T5
- POLO LED264 16W IP65 LED
- ASCENT 150 LED ROUND DOWNLIGHT - VERY HIGH OUTPUT 42W-46W - CONCORD RECESSED FITTING (ASTHETICS LIGHTING)
- GREEN STAR LED SLOT WALL MOUNTED LIGHT IP55 (LENGTH 600mm) PROFILE 59Wx82D mm. 4 x 6W LED BOARD. LIGHT MOUNTED ABOVE MIRROR, REFER TO ARCHITECTURAL DRAWINGS.
- GREEN STAR LED SLOT WALL MOUNTED LIGHT IP55 (LENGTH 1200mm) PROFILE 59Wx82D mm. 8 x 6W LED BOARD. LIGHT MOUNTED ABOVE MIRROR, REFER TO ARCHITECTURAL DRAWINGS.
- EXIT - BLADE TYPE ILLUMINATED EXIT WALL/CEILING MOUNT (DIRECTION ARROW)
- EMERGENCY LIGHT - THORN E2QD10FP 10W RECESSED
- ONE WAY SWITCH - 1000mm AFL
- TWO WAY SWITCH - 1000mm AFL
- DIMMER SWITCH - PDL 600 DESIGNER SERIES LIGHT DIMMER, RATED TO SUIT CIRCUIT - 1000mm AFL
- SENSOR - MULTI-DIN PRESENCE - CEILING MOUNTED RECESSED PIR PRESENCE DETECTOR, SWITCHING ON/OFF IN RESPONSE TO ROOM OCCUPANCY
- SWITCHING CIRCUIT
- CEILING HEIGHT
- THORN LIGHTING TO SUSPENDED METAL CEILING GRID 1200x600mm LIGHTING MODULES
- THORN LIGHTING TO SUSPENDED METAL CEILING GRID 600x600mm LIGHTING MODULES
- DOUBLE POWER OUTLET (OUTLET HEIGHT 300mm AFL)
- (XXXX) OUTLET HEIGHT ABOVE FLOOR
- EXTENT OF NEW 13MM GIB PLASTERBOARD CEILINGS - REFER TO SCHEDULE OF MATERIALS

PLOT DATE: 5/10/2015 8:42:50 a.m.

ATTACHED XREF: E14-0869 - TOILETS MODEL

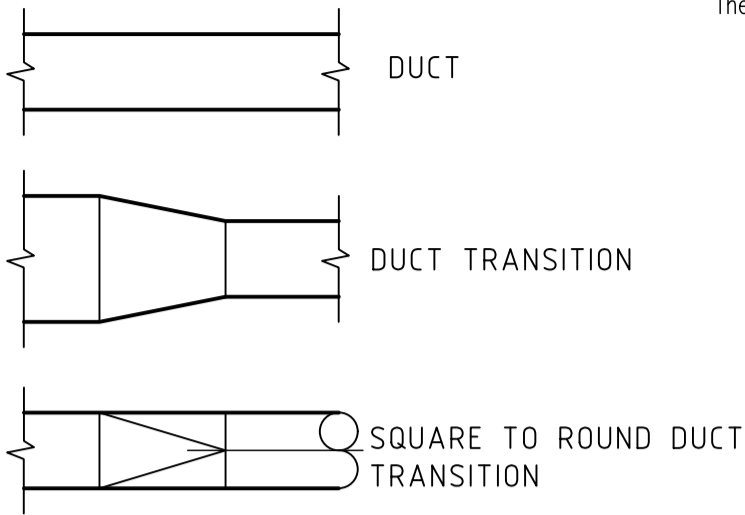
TENANCY SPACE - 102 - (123 MART)  
PROPOSED CEILING AND LIGHTING PLAN  
SCALE 1:50 AT A1 (1:100 AT A3)

RESOURCE MANAGEMENT - LAND PLANNING - SURVEYING - STRUCTURAL - CIVIL - FIRE

NO	REVISION	BY	DATE
A	CONSENT ISSUE	JML	12/06/15
B	ARCH TOILET LAYOUT CHANGE	PWL	02/10/15

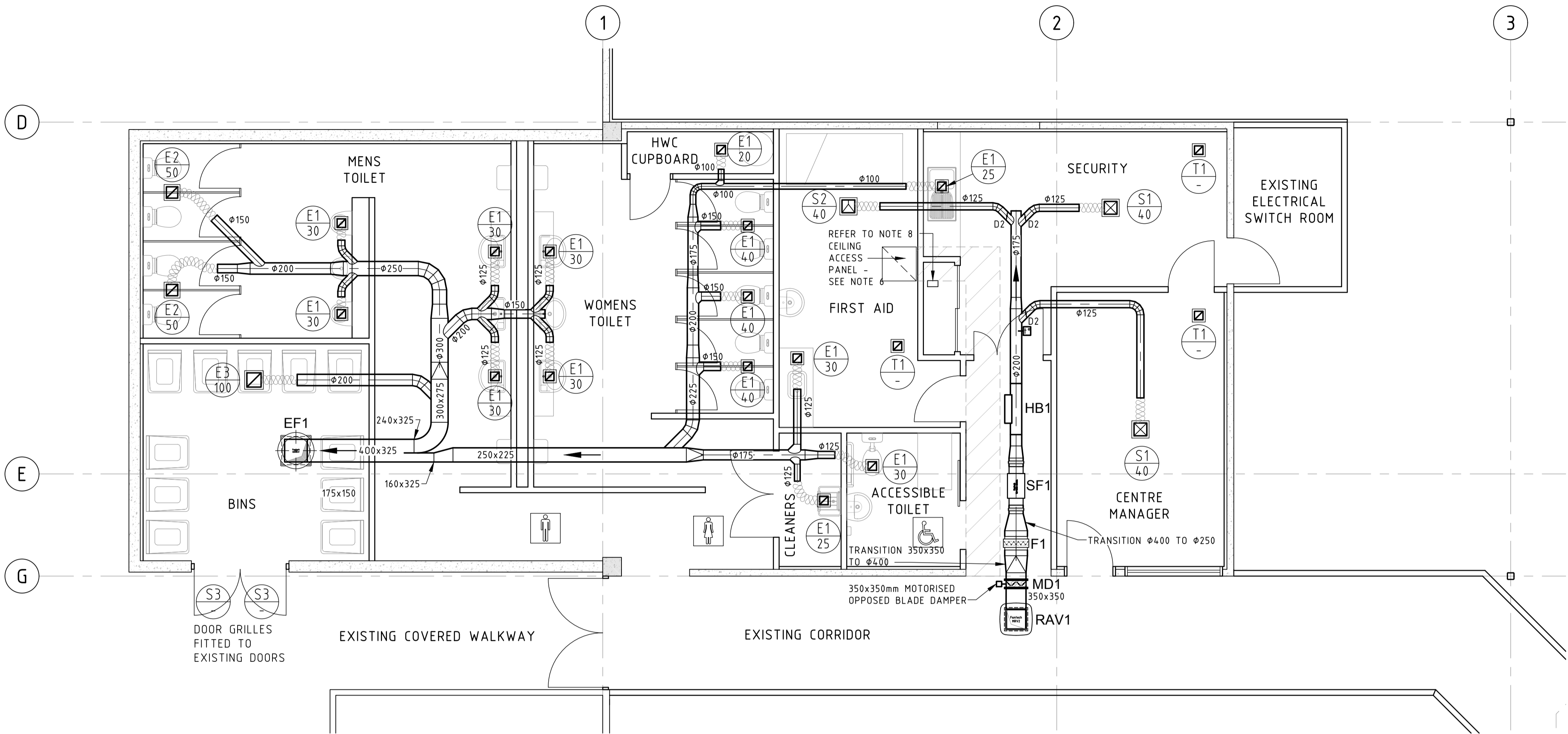
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LEGEND:



FLEXIBLE DUCT RUN

- SUPPLY AIR GRILLE - 3 WAY
- SUPPLY AIR GRILLE - 4 WAY
- RETURN AIR GRILLE
- FLOW DIRECTION INDICATION
- GRILLE REF AIR FLOW (L/s)
- SUPPLY DIFFUSER/ EXTRACT GRILLE / LOUVRE REFERENCE
- THERMOSTAT DUCT MOUNTED
- AP ACCESS PANEL



PROPOSED - NEW TOILETS GROUND PLAN

SCALE 1:50 AT A1 (1:100 AT A3)

GRILLE AND DIFFUSER SCHEDULE

REF	DESCRIPTION	DUTY	SUITABLE TYPE
S1	SUPPLY DIFFUSER	40 L/S	HOLYOAKE MODEL CMP 225x225 TYPE 41 - 4 WAY BLOW
S2	SUPPLY DIFFUSER	40 L/S	HOLYOAKE MODEL CMP 225x225 TYPE 34 - 3 WAY BLOW
S3	SUPPLY AIR DOOR GRILLE	50 L/S	TO BE CONFIRMED
E1	CEILING MOUNTED EXTRACT GRILLE	150x150mm	HOLYOAKE SERIES HI-35 C/W OBD
E2	CEILING MOUNTED EXTRACT GRILLE	200x200mm	HOLYOAKE SERIES HI-35 C/W OBD
E3	CEILING MOUNTED EXTRACT GRILLE	250x250mm	HOLYOAKE SERIES HI-35 C/W OBD
T1	CEILING MOUNTED TRANSFER GRILLE	200x200mm	HOLYOAKE SERIES HI-35

EQUIPMENT SCHEDULE

REF	DESCRIPTION	DUTY	SUITABLE TYPE
RAV1	ROOF MOUNTED INTAKE COWL	120 L/S	FANTECH ALPHA RELIEF AIR VENT MODEL MRV2
F1	FILTER CHAMBER	120 L/S	FANTECH FILTER UNIT C/W MEDIA - MODEL FGR400
SF1	FRESH AIR SUPPLY FAN	120 L/S AT 240 Pa	FANTECH MIXVENT SERIES TD-1300/250 SIL
HB1	ELECTRIC HEATER BATTERY	2.0 kW	AIRFLOW ENGINEERING LIMITED - ELECTRIC CIRCULAR DUCT HEATER TYPE AC200-2000W. Ø200 900mm LONG 2000 WATTS.
EF1	ROOF MOUNTED EXTRACT FAN	635 L/S AT 240 Pa	FANTECH GAMMA SERIES VERTICAL DISCHARGE, CENTRIFUGAL FAN - MODEL CD404V - 3 PHASE 415 V
MD1	MOTORISED OPPOSED BLADE DAMPER		350 x 350mm - TYPE TO BE CONFIRMED BY SUB CONTRACTOR

GENERAL NOTES:

- DRAWING TO BE READ IN CONJUNCTION WITH THE SERVICES SPECIFICATION
- DIFFUSERS AND GRILLES IN CEILING TO HAVE CUSHION HEADS. SIDE ENTRY. SUPPLY DIFFUSERS CUSHION HEADS TO BE INSULATED. SUITABLE TYPE HOLYOAKE MODEL TVA-90.
- FLEXIBLE CONNECTIONS EACH SIDE OF DUCT MOUNTED FANS TO BE HEAVY DUTY ACOUSTIC TYPE.
- FLEXIBLE DUCTING TO BE 'SIMX' - UNILOK FR1 QUADROFLEX INSULATED DUCTING. EXCEPT FOR TOILET EXTRACTS, TO BE SIMX - UNILOK FR1 QUADROFLEX NUDE DUCTING. FOR Ø150 FLEXIBLE FRESH AIR DUCTING TO UNIT AC03, AS SIZE NOT AVAILABLE FROM 'SIMX' USE HOLYOAKE SPIROSET SEMI RIGID FLEXIBLE DUCT TYPE SAI-25FP.
- FRESH AIR SUPPLY DUCTING, FROM FAN SF1, - DUCTING IS TO HAVE 25mm THICK THERMAL INSULATION ON THE EXTERNAL SURFACES.
- PROVIDE 600x600mm ACCESS PANEL INTO FIRST AID ROOM CEILING. PROVIDE 25mm THICK H1 TREATED PLYWOOD WALKWAY OVER CEILING JOISTS (AS SHOWN ON DRAWING) TO FILTER (F1) AND SUPPLY FAN (SF1) FOR SERVICING.
- IN DUCT ELECTRIC HEATING COIL (HB1) TO BE LINKED TO THE SUPPLY FAN (SF1) COMPLETE WITH SAFETY INTERLOCKS AS PER NZ STANDARDS. HEATING COIL ONLY TO OPERATE IN WINTER MODE, AIR VOLUME 150 L/S HEATING THE AIR TO 20 °C.
- PROVIDE KEY OPERATED SUMMER/ WINTER SWITCH TO CONTROL ON/OFF OF ELECTRIC HEATING COIL. MOUNT SWITCH ON WALL IN CLEANERS ROOM AT 1400mm AFFL. LABEL SWITCH - 'FRESH AIR WINTER HEATING'
- PROVIDE AS-BUILT INFORMATION AND AB OPERATING AND MAINTENANCE MANUAL AS PER THE MECHANICAL SERVICES SPECIFICATION.

AREAS FRESH AIR SUPPLY START UP SEQUENCE

ON/OFF TIMES SET FROM MALL'S OPERATION HOURS TIME CLOCK.

ON STARTUP MOTORISED DAMPER TO OPEN, WITH A FURTHER ONE MINUTE DELAY BEFORE THE FRESH AIR FAN START.

ON SHUT DOWN AIR CONDITIONING, FRESH AIR FAN OFF AND MOTORISED FRESH AIR DAMPER CLOSED.



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CLIENT

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PRINCIPAL CONSULTANT

PROJECT

GOLDFIELDS MALL  
100 MARY STREET  
THAMES

DRAWING TITLE

MECHANICAL SERVICES  
VENTILATION

DESIGNED PM  
DRAWN JML  
CHECKED  
CAD FILE E14-0869-50  
FIELD BOOK  
DATE MARCH 15

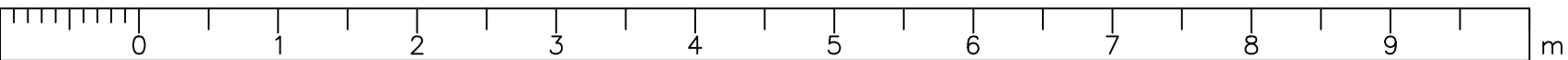
SCALE AS SHOWN  
SIZE A1

DRAWING NUMBER E14-0869-50  
REV B

PLOT DATE: 5/10/2015 8:42:56 a.m.

ATTACHED XREF: E14-0869 - TOILETS MODEL

1:50 AT A1



RESOURCE MANAGEMENT - LAND PLANNING - SURVEYING - STRUCTURAL - CIVIL - FIRE