

LEGEND - CEILING MATERIAL TYPES
 REFER TO A001 INTERNAL MATERIALS & FINISHES SCHEDULE FOR SPECIFIC TYPES & A DETAILED PROPRIETARY DESCRIPTION

INS	INSULATION
CEX	EXISTING CEILING/SOFFIT TO REMAIN
CNC	METAL CLADDING
NC	NO CEILING
CPB	PLASTERBOARD
CTV	TAMBER VENEER
PAI	PAINT & APPLIED COATING TYPES
US	US OF EXPOSED CONCRETE SOFFIT
CONFIRM ON SITE	'ANYTHING PREFIXED WITH CONFIRM ON SITE' DENOTES EXISTING
C.O.S	TO BE CONFIRMED
TBC	REDUCED OR RELATIVE LEVEL
ARFL	ABOVE FINISHED FLOOR LEVEL
EFCL	EXISTING FINISHED CEILING LEVEL
FFCL	FINISHED CEILING LEVEL
FCL.XXXX	EXISTING RETAINED ARCHITECTURAL ELEMENT TO BE RE-INSTATED TO ORIGINAL SITE CONDITIONS
SE	'ANYTHING PREFIXED WITH SE' REFER TO STRUCTURAL ENGINEERS DRAWINGS
ME	'ANYTHING PREFIXED WITH ME' REFER TO MECHANICAL ENGINEERS DRAWINGS
FE	'ANYTHING PREFIXED WITH FE' REFER TO FIRE ENGINEERS DRAWINGS
EE	'ANYTHING PREFIXED WITH EE' REFER TO ELECTRICAL ENGINEERS DRAWINGS
HE	'ANYTHING PREFIXED WITH HE' REFER TO HYDRAULIC ENGINEERS DRAWINGS
TS	'ANYTHING PREFIXED WITH TS' REFER TO THEATER SPECIALISTS DRAWINGS

LEGEND - CEILING FIXTURES & FITTINGS

FOR MECHANICAL LEGEND REFER TO M0001 FOR FIRE PROTECTION SERVICES LEGEND REFER TO F001 FOR ELECTRICAL SERVICES LEGEND REFER TO E0001 FOR THEATER SPECIALIST LEGEND REFER TO T001 'SPECIALIST LIGHTING TO BE CONFIRMED IN SCOPE' ALL FINAL LOCATION TO BE COORDINATED WITH SERVICES DRAWINGS.

ES	EXISTING FIXTURE & FITTING LOCATION TO BE C.O.S
LD	SMOKE DETECTOR
EL	EXIT SIGN INCLUDING LED LIGHT
EW	WALL MOUNTED EXIT SIGN INCLUDING LED LIGHT WITH DIRECTIONAL ARROW
BEM01	EMERGENCY LIGHTING
CCTV	SECURITY CAMERA
SPR	SPRINKLER
FHP	FIRE HYDRANT POINT
FHR	FIRE HOSE REEL
OS	WALL MOUNT OCCUPANCY SENSOR
OS	CEILING MOUNT OCCUPANCY SENSOR
DL	DOWNLIGHT
PL	PENDANT LINEAR LIGHT - LED
FL	FLUORESCENT LIGHT FIXTURE
PC	PEOPLE COUNTER
CAH	CEILING ACCESS HATCH
SPK	SPEAKER
VAL	VISUAL ALARM DEVICE
RIG	RIGGING POINT
RET	CEILING MOUNTED RETURN, EXHAUST OR TRANSFER GRILLE
AG	CEILING MOUNTED SUPPLY AIR DIFFUSER
GR	AIR GRILLE

NOTE: LIGHTING SPECIFICATION REFER ELECTRICAL DRAWINGS, SPECIFICATION & LUMINAIRE SCHEDULE.

LEGEND - CEILING SYSTEM CODES

CODE	DESCRIPTION
C.HI.001.99	HANGING - SUSPENDED CEILINGS
C.SI.001.99	STEEL FRAMED CEILINGS
C.TI.001.99	TAMBER FRAMED CEILINGS
C.GI.001.99	GLAZED CEILING SYSTEMS
C.LI.001.99	LININGS (CEILINGS SUPPORTED BY OTHER CEILINGS)

SCHEDULE CEILING
 CATEGORY CEILING
 TYPE CEILING
 SPECIFIC CEILING
 CEILING TYPE
 FS TYPE

ACUSTIC CEILINGS TO ACOUSTIC ENGINEERS REQUIREMENT RATING
 SMOKE CEILINGS
 FIRE RATED CEILINGS

CEILING TYPE TAG:
 REFER TO DWG A012 FOR DETAILS & DESCRIPTION

NOTE: CEILINGSS MARKED 'A' REQUIRING ACOUSTIC INSULATION ADDITIONAL TO DOCUMENTED EXTENT TO BE CONFIRMED BY ACOUSTIC ENGINEER

- GENERAL NOTES**
- CONTRACTOR & SUB-CONTRACTORS TO CO-ORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL & SERVICES DOCUMENTATION WITH ARCHITECTURAL DOCUMENTATION TO TAKE PRECEDENT FOR SETOUT.
 - CONTRACTOR & SUB-CONTRACTORS TO VERIFY ALL DIMENSIONS & CONFIRM ON SITE CONDITIONS RELATING TO ALL DIMENSIONS PRIOR TO COMMENCEMENT - DO NOT SCALE FROM DRAWING
 - SHOP DRAWINGS ARE TO BE SUPPLIED TO THE RELEVANT PARTIES & CONSULTANTS FOR REVIEW & APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORKS
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ASSOCIATED SPECIFICATIONS, SCHEDULES & CONTRACT DOCUMENTS
 - MAKE GOOD ALL AFFECTED SURFACES & FINISHES INCLUDING ITEMS MARKED FOR REMOVAL &/OR RELOCATION
 - THE CONTRACTOR IS TO ALLOW TO SAND AND RE-FINISH ALL BRUSHBOX NOMINATED TO BE RE-USED THIS BRUSHBOX IS TO BE INCORPORATED WHEREVER POSSIBLE WHERE WTM-02 IS NOMINATED

No	Description	Drawn	Approved	Date
0	ISSUE	ME	ME	20/10/2018

ARM ARCHITECTURE
 LEVEL 11/232 HUNTERS LANE MELBOURNE VICTORIA 3000 AUS
 T 03 8613 1888 F 03 8613 1889
 mail@armarchitecture.com.au
 arm_21_475_942_329
 www.armarchitecture.com.au

LEGEND - SCOPE
 THIS LEGEND APPLIES TO ALL NEW CONSTRUCTION PHASE DRAWINGS. DOES NOT APPLY TO EXISTING CONDITIONS.

(Grey Wash)	AREA SHOWN IN GREY WASH DEPICTS SCOPE OF NEW WORKS
(White Wash)	AREA SHOWN IN WHITE WASH DEPICTS SCOPE OF NEW WORKS
(Green Dashed)	AREA SURROUNDED BY GREEN DASHED LINES DEPICTS TENDER OPTION

- SOHT GENERAL NOTES**
- ALL DIMENSIONS AND SIZES ARE IN MILLIMETRES.
 - DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. INFORMATION INDICATED IN THIS DOCUMENT MAY BE CRUCIAL TO THE SAFE AND PROPER FUNCTIONING OF THE SYDNEY OPERA HOUSE. DO NOT ALTER ANY ASPECT WITHOUT WRITTEN PERMISSION.
 - ALL NEW WORKS MUST COMPLY WITH THE SYDNEY OPERA HOUSE BUILDING SERVICES STANDARD SPECIFICATION (BSSS) AND RELEVANT AUSTRALIAN STANDARDS. NEW WORKS MUST ALSO COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODES OF AUSTRALIA.

SOHT COPYRIGHT
 THIS DRAWING AND DESIGN ARE SUBJECT TO COPYRIGHT AND SHALL NOT BE COPIED IN ANY FORM WITH THE WRITTEN PERMISSION OF THE SYDNEY OPERA HOUSE TRUST

Location [Map]

Status DEVELOPMENT APPLICATION ISSUE

Contract BDM-168

Date 2/10/2018

Scale 1:100 @ 1

Project BUILDING RENEWAL PROJECT - CONCERT HALL

Title REFLECTED CEILING PLAN - LEVEL 3+51

Location CHVA

Drawing No. 49-BR-ARM01

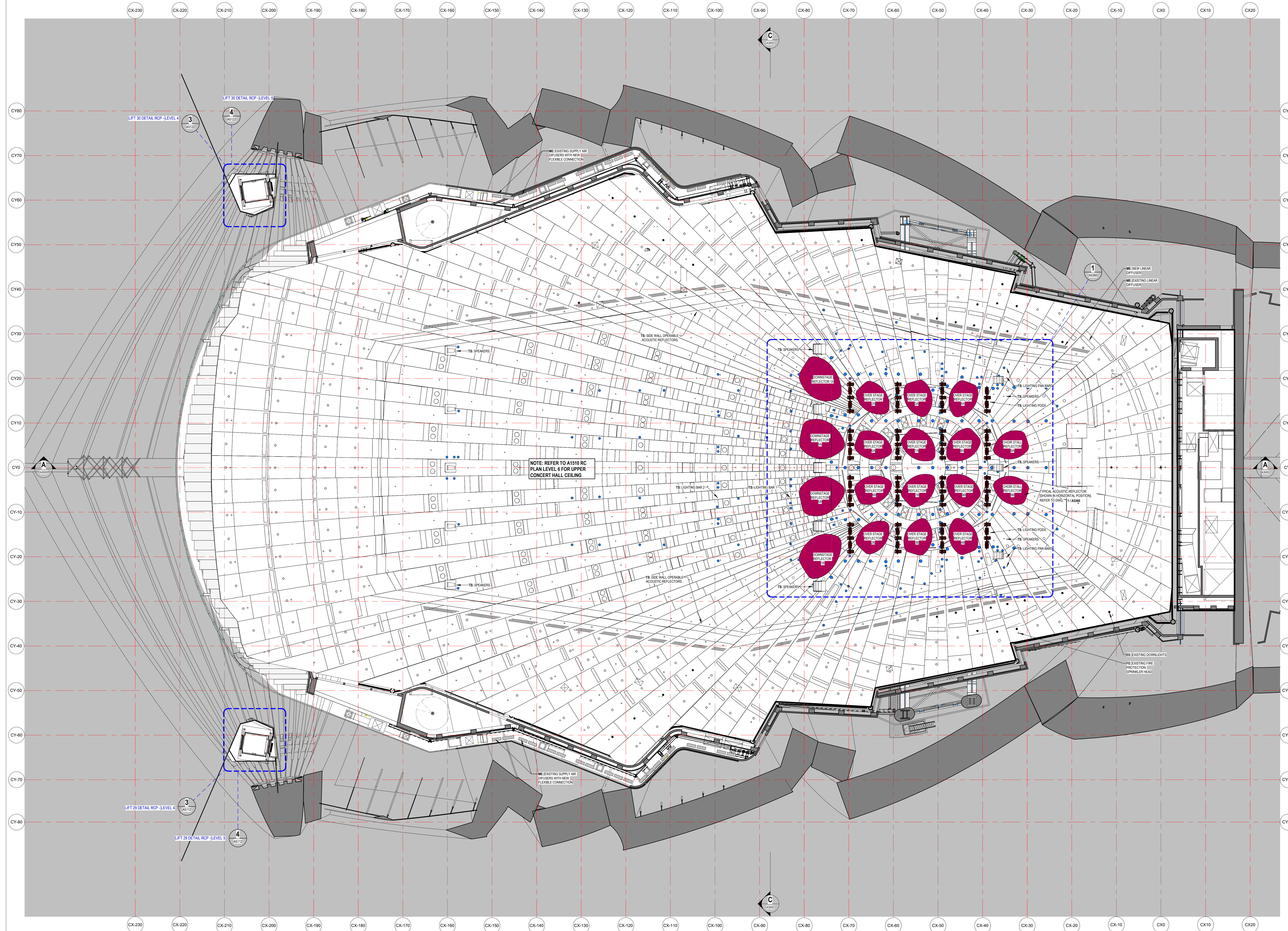
Sheet DA1507

Rev. D

Scale 1:100 @ 1

Location Sydney Opera House Trust
 GPO Box 4274 Sydney NSW Australia 2001
 email: info@sydneyoperahouse.com

© Sydney Opera House Trust



LEGEND - CEILING MATERIAL TYPES
 REFER TO A001 INTERNAL MATERIALS & FINISHES SCHEDULE FOR SPECIFIC TYPES & DETAILED PROPRIETARY DESCRIPTION

- ◊ CAI INSULATION
- ◊ CEX EXISTING CEILING/SOFFIT TO REMAIN
- ◊ CMC METAL CLADDING
- ◊ CNC NO CEILING
- ◊ CRB PLASTERBOARD
- ◊ CTV TIMBER VENEER
- ◊ P&C PAINT & APPLIED COATING TYPES
- ◊ US US OF EXPOSED CONCRETE SOFFIT

0 ANYTHING PREFIXED WITH 0 DENOTES EXISTING
 C.O.S CONFIRM ON SITE TO BE CONFIRMED
 TBC REDUCED OR RELATIVE LEVEL
 RL ABOVE FINISHED FLOOR LEVEL
 AFCL EXISTING FINISHED CEILING LEVEL
 FCL.XXXX FINISHED CEILING LEVEL

EXISTING RETAINED ARCHITECTURAL ELEMENT TO BE RE-INSTITATED TO ORIGINAL SITE CONDITIONS

SE: ANYTHING PREFIXED WITH SE: REFER TO STRUCTURAL ENGINEERS' DRAWINGS
 ME: ANYTHING PREFIXED WITH ME: REFER TO MECHANICAL ENGINEERS' DRAWINGS
 FE: ANYTHING PREFIXED WITH FE: REFER TO FIRE ENGINEERS' DRAWINGS
 EE: ANYTHING PREFIXED WITH EE: REFER TO ELECTRICAL ENGINEERS' DRAWINGS
 HE: ANYTHING PREFIXED WITH HE: REFER TO HYDRAULIC ENGINEERS' DRAWINGS
 TS: ANYTHING PREFIXED WITH TS: REFER TO THEATER SPECIALISTS' DRAWINGS

LEGEND - CEILING FIXTURES & FITTINGS
 FOR MECHANICAL LEGEND REFER TO M0001
 FOR FIRE PROTECTION SERVICES LEGEND REFER TO F001
 FOR ELECTRICAL SERVICES LEGEND REFER TO E001
 FOR THEATER SPECIALIST LEGEND REFER TO T001
 *SPECIALIST LIGHTING TO BE CONFIRMED IN SCOPE
 ALL FINAL LOCATION TO BE COORDINATED WITH SERVICES DRAWINGS.
 EXISTING FIXTURE & FITTING LOCATION TO BE C.O.S

- [S] SMOKE DETECTOR
- [E] EXIT SIGN INCLUDING LED LIGHT
- [W] WALL MOUNTED EXIT SIGN INCLUDING LED LIGHT
- [E] EXIT SIGN INCLUDING LED LIGHT WITH DIRECTIONAL ARROW
- [E] EMERGENCY LIGHTING
- [SEM-1] SECURITY CAMERA
- [S] SPRINKLERS
- [FHP] FIRE HYDRANT POINT
- [FHR] FIRE HOSE REEL
- [OS] WALL MOUNT OCCUPANCY SENSOR
- [OS] CEILING MOUNT OCCUPANCY SENSOR
- [DL] DOWNLIGHT
- [PL] PENDANT LINEAR LIGHT - LED
- [F] FLOURESCENT LIGHT FIXTURE
- [PC] PEOPLE COUNTER
- [CAH] CEILING ACCESS HATCH
- [S] SPEAKER
- [VAD] VISUAL ALARM DEVICE
- [RIG] RIGGING POINT
- [C] CEILING MOUNTED RETURN, EXHAUST OR TRANSFER GRILLE
- [C] CEILING MOUNTED SUPPLY AIR DIFFUSER
- [G] AIR GRILLE

NOTE: LIGHTING SPECIFICATION REFER ELECTRICAL DRAWINGS, SPECIFICATION & LUMINAIRE SCHEDULE.

LEGEND - CEILING SYSTEM CODES

CODE	DESCRIPTION
C01-01-99	STYEL FRAMED CEILING
C11-01-99	TIMBER FRAMED CEILING
C01-01-99	GLAZED CEILING SYSTEMS
C11-01-99	LININGS (CEILING SUPPORTED BY OTHER CEILING)

— SCHEDULE (CEILING)
 — CATEGORY (CEILING)
 — TYPE (CEILING)
 — SPECIFIC (CEILING)
 C.X.XXX CEILING TYPE
 F.S.A FSA TYPE

— ACUSTIC CEILING TO ACUSTIC ENGINEERS REQUIRED RATING
 — SMOKE CEILING
 — FIRE RATED CEILING

CEILING TYPE TAG:
 REFER TO DWG A412 FOR DETAILS & DESCRIPTION
 NOTE: CEILINGSS MARKED 'A' REQUIRING ACUSTIC INSULATION ADDITIONAL TO DOCUMENTED EXTENT TO BE CONFIRMED BY ACUSTIC ENGINEER

LEGEND - CH CEILING

COLOUR	DESCRIPTION
Blue	NEW CEILING PENETRATION FOR THEATER EQUIPMENT
Pink	CTV48 TIMBER VENEER - WHITE BIRCH REFILL TO EXISTING PENETRATIONS NO LONGER IN USE

GENERAL NOTES

- CONTRACTOR & SUB-CONTRACTORS TO CO-ORDINATE BETWEEN ARCHITECTURAL, STRUCTURAL & SERVICES DOCUMENTATION, WITH ARCHITECTURAL DOCUMENTATION TO TAKE PRECEDENT FOR SETOUT.
- CONTRACTOR & SUB-CONTRACTORS TO VERIFY ALL DIMENSIONS & CONFIRM ON SITE CONDITIONS RELATING TO ALL DIMENSIONS PRIOR TO COMMENCEMENT - DO NOT SCALE FROM DRAWING.
- SHOP DRAWINGS ARE TO BE SUPPLIED TO THE RELEVANT PARTIES & CONSULTANTS FOR REVIEW & APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL ASSOCIATED SPECIFICATIONS, SCHEDULES & CONTRACT DOCUMENTS.
- MAKE GOOD ALL AFFECTED SURFACES & FINISHES INCLUDING ITEMS MARKED FOR REMOVAL &/OR RELOCATION.
- THE CONTRACTOR IS TO ALLOW TO SAND AND RE-FINISH ALL BRUSHBOX NOMINATED TO BE RE-USED THE WORKS. THIS BRUSHBOX IS TO BE INCORPORATED WHEREVER POSSIBLE WHERE WTM-02 IS NOMINATED.

Issue	Description	Drawn	Approved	Date
0	ISSUE			30/10/2018

ARM ARCHITECTURE
 LEVEL 11/522 RUNDERS LANE MELBOURNE VICTORIA 3000 AUS
 T 03 8613 1888 F 03 8613 1889
 mail@armarchitecture.com.au
 ABN 22 476 942 399
 www.armarchitecture.com.au

LEGEND - SCOPE
 THIS LEGEND APPLIES TO ALL NEW CONSTRUCTION PHASE DRAWINGS. DOES NOT APPLY TO EXISTING CONDITIONS.

- AREA SHOWN IN GREY WASH DEPICTS SCOPE OF NO NEW WORKS
- AREA SHOWN IN WHITE WASH DEPICTS SCOPE OF NEW WORKS
- AREA SURROUNDED BY GREEN DASHED LINES DEPICTS TENDER OPTION

SOHT GENERAL NOTES

- ALL DIMENSIONS AND SIZES ARE IN MILLIMETRES.
- DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY.
- INFORMATION INDICATED IN THIS DOCUMENT MAY BE CRUCIAL TO THE SAFE AND PROPER FUNCTIONING OF THE SYDNEY OPERA HOUSE. DO NOT ALTER ANY ASPECT WITHOUT WRITTEN PERMISSION.
- ALL NEW WORKS MUST COMPLY WITH THE SYDNEY OPERA HOUSE BUILDING SERVICES STANDARD SPECIFICATION (BSSS) AND RELEVANT AUSTRALIAN STANDARDS. NEW WORKS MUST ALSO COMPLY WITH THE REQUIREMENTS OF THE BUILDING CODES OF AUSTRALIA.

SOHT COPYRIGHT
 THIS DRAWING AND DESIGN ARE SUBJECT TO COPYRIGHT AND SHALL NOT BE COPIED IN ANY FORM WITH THE WRITTEN PERMISSION OF THE SYDNEY OPERA HOUSE TRUST

Location

Status
 DEVELOPMENT APPLICATION ISSUE

Contract
 BDM-168

Date
 2/10/2018

Scale
 1:100 @ 1

Project
 BUILDING RENEWAL PROJECT - CONCERT HALL

Title
 REFLECTED CEILING PLAN - LEVEL 5 + 70

Location
 CHVA

Drawing No.
 49-BR-ARM01

Sheet
 DA1509

Rev.
 D B1

Sydney Opera House Trust
 GPO Box 4274 Sydney NSW Australia 2001
 Phone +61 2 9256 7541
 email info@sydneyoperahouse.com

© Sydney Opera House Trust