

Hunter River High School Upgrade

REF1 ISSUE

BUILDING AND SITE INFORMATION

ADDRESS

36 Elkin Ave,
Heatherbrae
NSW 2324

CLIENT

School Infrastructure NSW

LOT/DP 1/-DP120189, 1/-DP540114, 1/-DP579025

SITE AREA 91456.5 m²

LOCAL COUNCIL Port Stephens Council

LEP BUILDING HEIGHT 9m

LEP ZONING R2 - Low Density Residential

WIND CLASSIFICATION -

MINES SUBSIDENCE ZONE -

FLOOD ZONE *Minimal Risk Flood Prone Land & High Hazard Floodway Area Zones

BUSHFIRE ZONE Vegetation Category 3, Vegetation Buffer

HERITAGE SITE -

LOCAL ABORIGINAL LAND COUNCIL WORIMI

WETLANDS Wetlands

FSR RATIO

ALLOWED: -

ACTUAL: -



EXTERIOR FINISHES SCHEDULE

AREA	CODE	DESCRIPTION	IMAGE	AREA	CODE	DESCRIPTION	IMAGE
BRICKWORK	BRK.01	AUSTRAL 'MINERAL CONTOURS MICA GREY' PRESSED MORTAR: OFF WHITE CEMENT/ YELLOW SAND ROLLED MORTAR JOINT FINISH ANTI-GRAFFITI COATING, DULUX: SURFACESHIELD HD GRAFFITI RESISTANT TREATMENT		ROOFING	MRS.01	LYSAGHT ROOF SHEETING, CUSTOM ORB PROFILE, FINISH: COLORBOND TBC (MINIMUM ROOF SLOPE 5 DEGREES)	
WALL CLADDING - GENERALLY	FC.01	CARAT 'CORAL 7031', FORMAT: LARGO 12mm 3050mm x 1250mm, CONCEAL FIX		SOFFIT LINING - GENERALLY	SL.01	SOFFIT SHEET METAL - PROFILE AND COLOUR TBC	
WALL CLADDING - GENERALLY	FC.02	TECTIVA 'TE30', SIZE: 8mm x 2500mm x 1220mm, THICKNESS: 12mm, CONCEAL FIX		WINDOW AND DOOR FRAMES - POWDER COATED ALUMINIUM	PC.01	DURATEC ZEUS 'MONUMENT' MATT 90Z8189M	
STEEL COLUMNS	SC	NATURAL GALVANISED		SOLID CORE DOOR PAINT - GENERALLY	PT.03	'MAVORA' NZ10H9 SEMI GLOSS FINISH	
ROOFING ELEMENTS (FASCIAS, GUTTERS, FLASHINGS ETC.)	-	COLORBOND TBC		HANDRAILS AND BALUSTRADES - EFSG STANDARD	BAL.01 & HR.01	GALVANISED STEEL - NATURAL	

REF 1 ARCHITECTURAL SHEET LIST	
SHEET NO.	SHEET NAME
A-REF-001	Coversheet
A-REF-010	Site Plan
A-REF-020	Site Detail Plan
A-REF-050	Typical Covered Walkway
A-REF-X-100	Admin - Block X - Ground Floor Plan
A-REF-X-110	Admin - Block X - Roof Plan
A-REF-X-140	Admin - Block X - Reflected Ceiling Plan
A-REF-X-200	Admin - Block X - Elevations
A-REF-X-300	Admin - Block X - Sections
A-REF-Z-100	New Support Learning Hub - Block Z - Ground Floor Plan
A-REF-Z-110	New Support Learning Hub - Block Z - Reflected Ceiling Plan
A-REF-Z-140	New Support Learning Hub - Block Z - Roof Plan
A-REF-Z-200	New Support Learning Hub - Block Z - Elevations - Sheet 1
A-REF-Z-201	New Support Learning Hub - Block Z - Elevations Sheet 2
A-REF-Z-300	New Support Learning Hub - Block Z - Sections

No. of Sheets in Set: 15

EJE ARCHITECTURE
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A 412 KING STREET, NEWCASTLE, NSW 2300



REV	DATE	COMMENTS	DRN	CHKD	VRFD
A	29/06/2023	ISSUE FOR REF 1	MJD	HN	
B	11/07/2023	ISSUE FOR REF 1	MJD	HN	
C	25/08/2023	REF 1 ISSUE	MJD	HN	
D	27/03/2024	REVISED REF 1 SD FOR COORDINATION	MJD	HN	
E	08/04/2024	REVISED REF 1 ISSUE	MJD	HN	
F	17/04/2024	REF 1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
CLIENT: School Infrastructure NSW

SITE: 36 Elkin Ave, Heatherbrae NSW 2324
DRAWING: Coversheet

WORK IN FIGURED DIMENSIONS IN PREFERENCE TO SCALE. CHECK DIMENSIONS AND LEVELS ON SITE PRIOR TO THE ORDERING OF MATERIALS OR THE COMPLETION OF WORKSHOP DRAWINGS. IF IN DOUBT ASK. REPORT ALL ERRORS AND OMISSIONS.

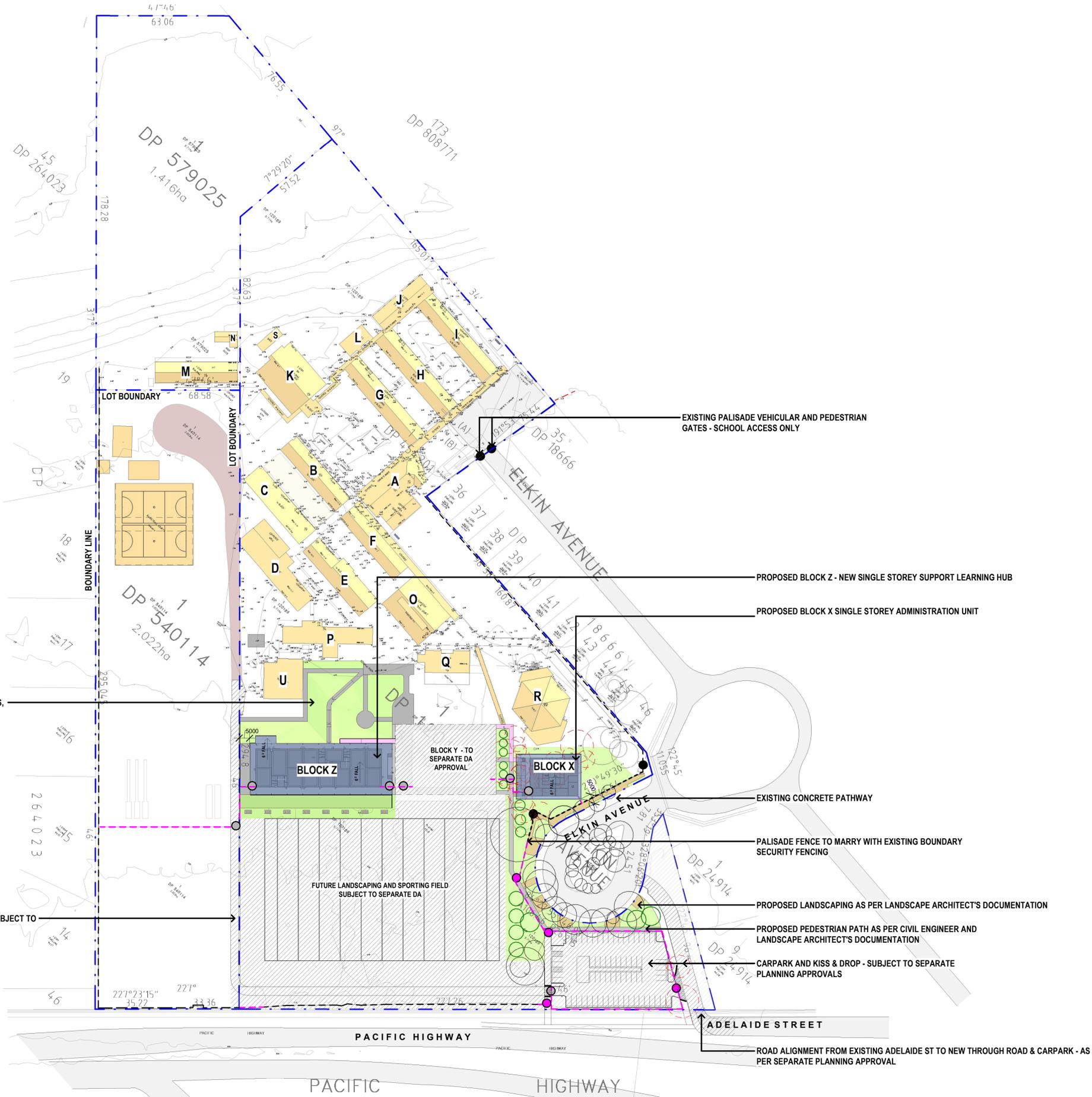
Autodesk Docs:\Hunter River High School\HRHS-EJE-ZZ-ZZ-M3-A-0001.rvt

PROJECT No: 14276
DRAWN: MJD
DATE: 17/04/2024
SCALE: As indicated @ A1 @ A3

PHASE: SD
BUILDING ID: 000
Level No: 000
DRAWING No: A-REF-001
REV: F

REF 1





LEGEND

CONSTRUCTION LEGEND:

- PROPOSED NEW BUILDINGS/ COVERED PATHWAYS
- EXISTING BUILDINGS
- FUTURE SITE DEVELOPMENT WORKS SUBJECT TO SEPARATE PLANNING APPROVAL
- PROPOSED COVERED WALKWAYS
- PROPOSED UNCOVERED PEDESTRIAN PATH
- PROPOSED LANDSCAPED AREA AS PER LANDSCAPE ARCHITECT'S DOCUMENTATION

- PROPERTY BOUNDARY LINE
- EXISTING PALISADE FENCING
- FUTURE FENCING AS PER SEPARATE PLANNING APPROVAL.

- EXISTING PALISADE GATE TO BE RETAINED
- FUTURE SECURITY ACCESS GATES TO BOUNDARY FENCING (EXTERIOR SECURITY) SUBJECT TO SEPARATE PLANNING APPROVAL
- FUTURE CONTROLLED ACCESS GATES TO INTERNAL SCHOOL ACCESS FENCING SUBJECT TO SEPARATE PLANNING APPROVAL

- PROPOSED TREES TO LANDSCAPE ARCHITECT'S DOCUMENTATION
- EXISTING TREES TO REMAIN TO LANDSCAPE ARCHITECT'S DOCUMENTATION
- EXISTING TREES TO BE REMOVED TO LANDSCAPE ARCHITECT'S DOCUMENTATION

NOTE:
 REFER SSU DRAFT SECURITY DESIGN FOR SITE & BUILDING SECURITY & ACCESS REQUIREMENTS, AS WELL AS GATE TYPES, AUTOMATION & ELECTRONIC ACCESS & MONITORING REQUIREMENTS.
 REFER TO A-REF-050 TYPICAL COVERED WALKWAY - FOR GENERAL CONSTRUCTION DETAILS
 REFER TO LANDSCAPE ARCHITECT DOCUMENTATION AND ARBORIST REPORT FOR EXISTING TREES TO BE RETAINED, REMOVED AND NEW PLANTING DETAILS
 REFER TO ELECTRICAL ENGINEER'S DOCUMENTATION FOR LOCATION OF NEW MSB/ MDB. EFFECTED AND DISTURBED AREA TO BE MADE GOOD WHERE WORKS PASS THROUGH EXISTING SCHOOL SITE.

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A	29/05/2023	ISSUE FOR REF 1	MJD	HN	
B	11/07/2023	ISSUE FOR REF 1	MJD	HN	
C	25/08/2023	REF 1 ISSUE	MJD	HN	
D	11/01/2024	REVISED REF 1 SITE PLAN	MJD	HN	
E	15/01/2024	REVISED REF 1 ISSUE	MJD	HN	
F	27/03/2024	REVISED REF 1 SD FOR COORDINATION	MJD	HN	
G	08/04/2024	REVISED REF 1 ISSUE	MJD	HN	
H	17/04/2024	REF 1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
 36 Elkin Ave,
 Heatherbrae
 NSW 2324
 DRAWING: Site Plan

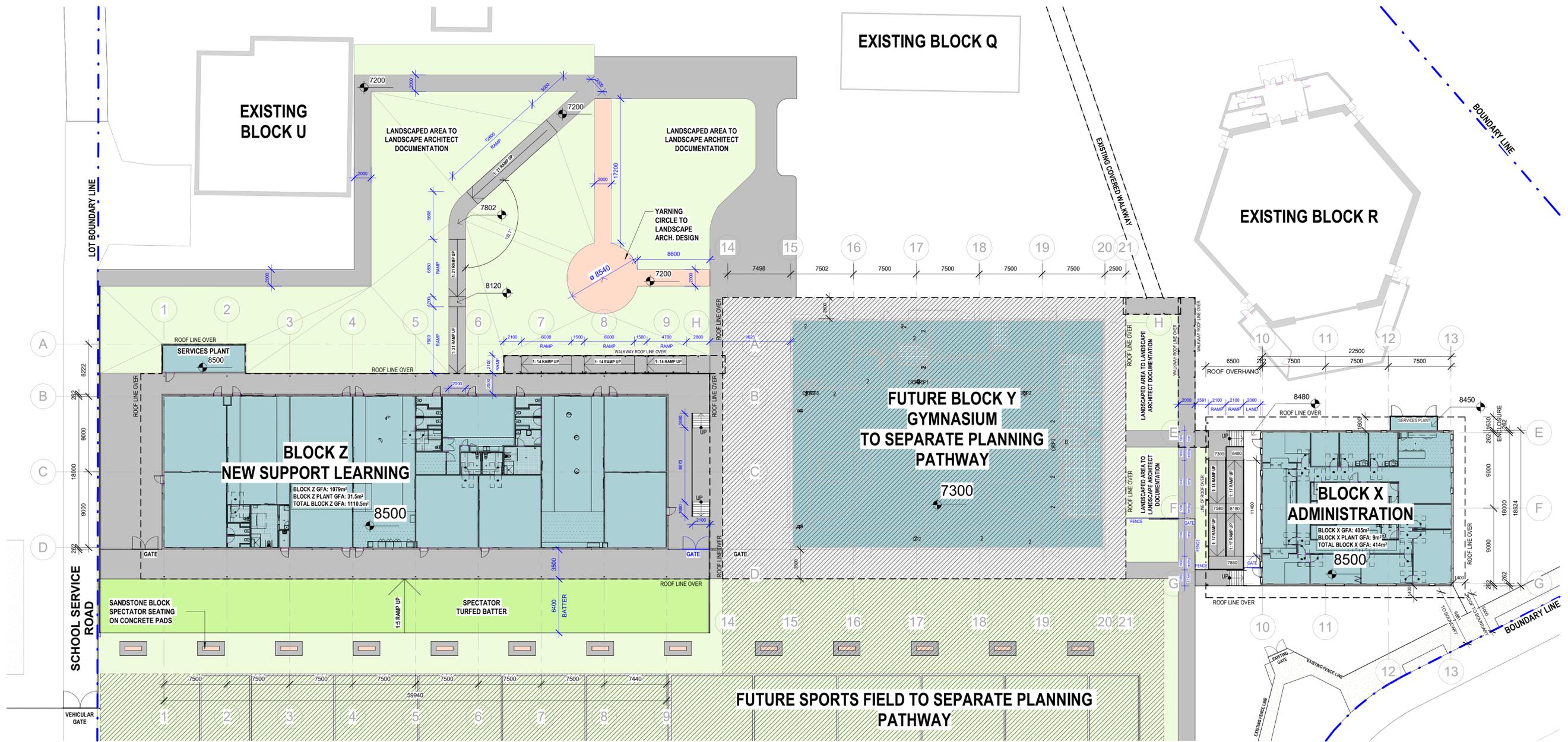
CLIENT: School Infrastructure NSW



DRAWN: MJD
 DATE: 08/04/2024
 SCALE: As indicated @ A1
 1 : 2000 @ A3
 PROJECT No: 14276
 PHASE: SD
 DRAWING No: A-REF-010
 REV: H

REF 1





NOTE:
ALL RAMPS, STAIRS AND RAILINGS DESIGNED TO
BE COMPLIANT WITH AS 1428.1 TO BCA
CONSULTANTS ADVICE.

REF 1

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B	08/04/2024	REVISED REF1 ISSUE
C	17/04/2024	REF1 ISSUE

DRN	CHKD	VRFD
MJD	HN	
MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

DRAWING: Site Detail Plan

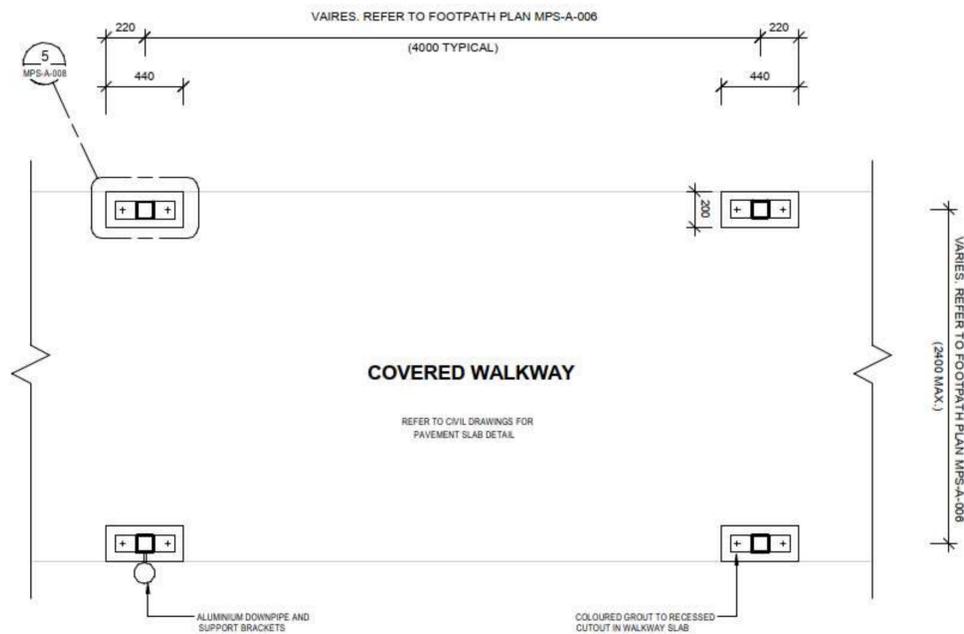
CLIENT: School Infrastructure NSW



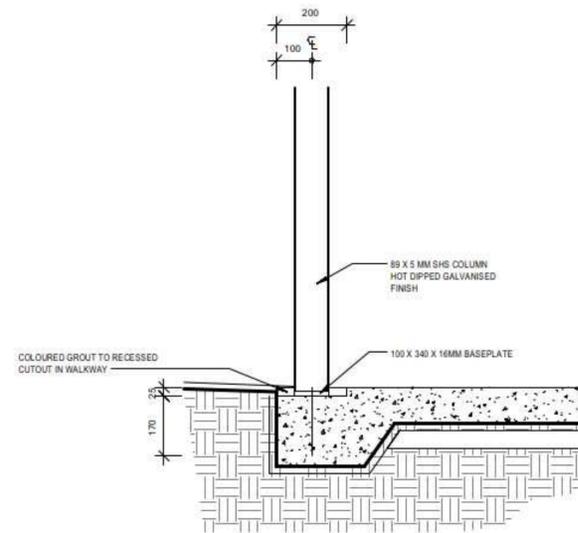
DRAWN: MJD
DATE: 08/04/2024
SCALES: 1:250@A1, 1:500@A3

PROJECT No: 14276
PHASE: SD
DRAWING No: A-REF-020
REV: C

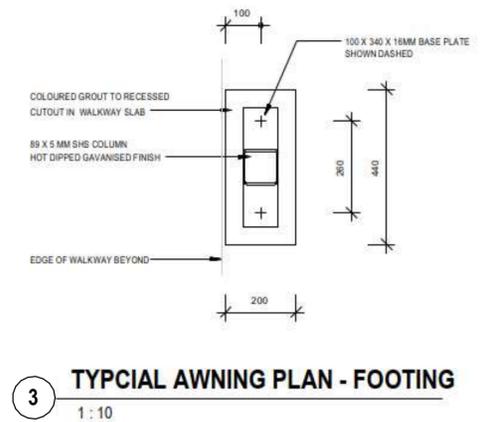




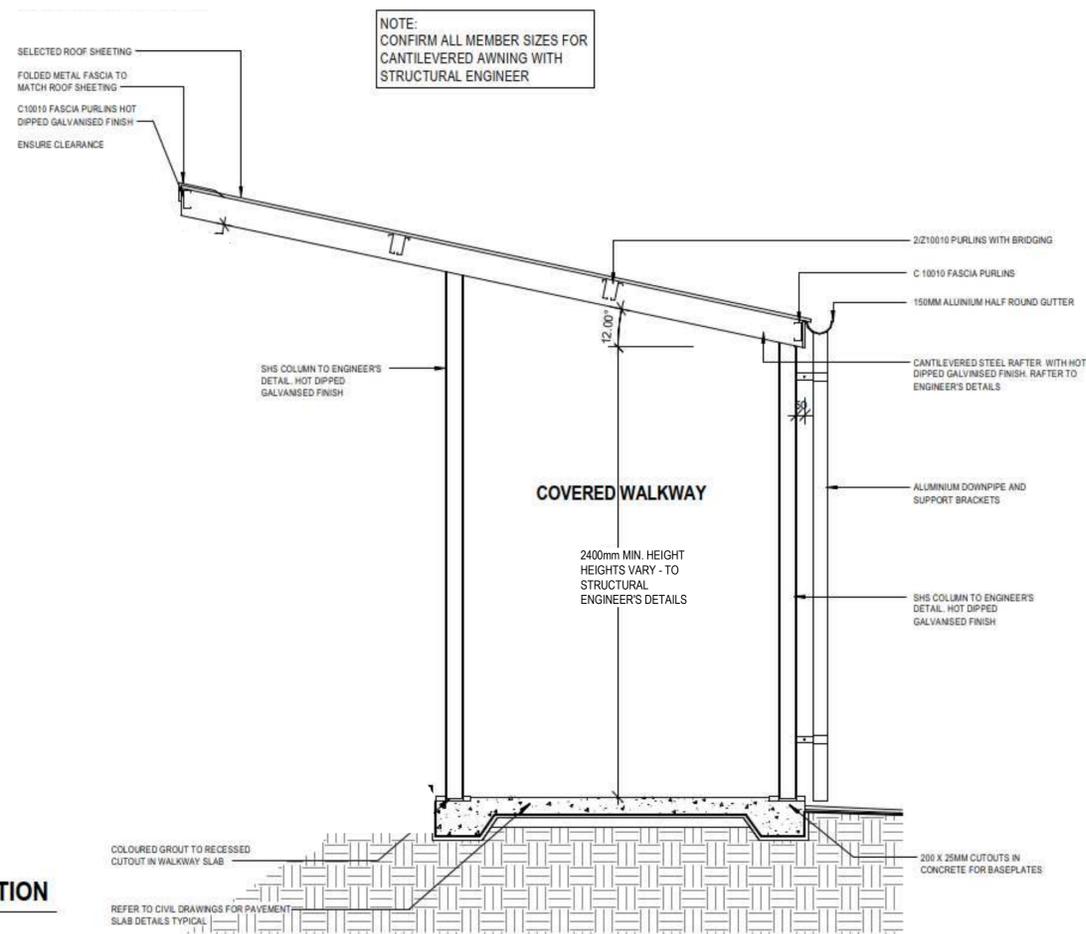
1 TYPICAL AWNING PLAN
1 : 20



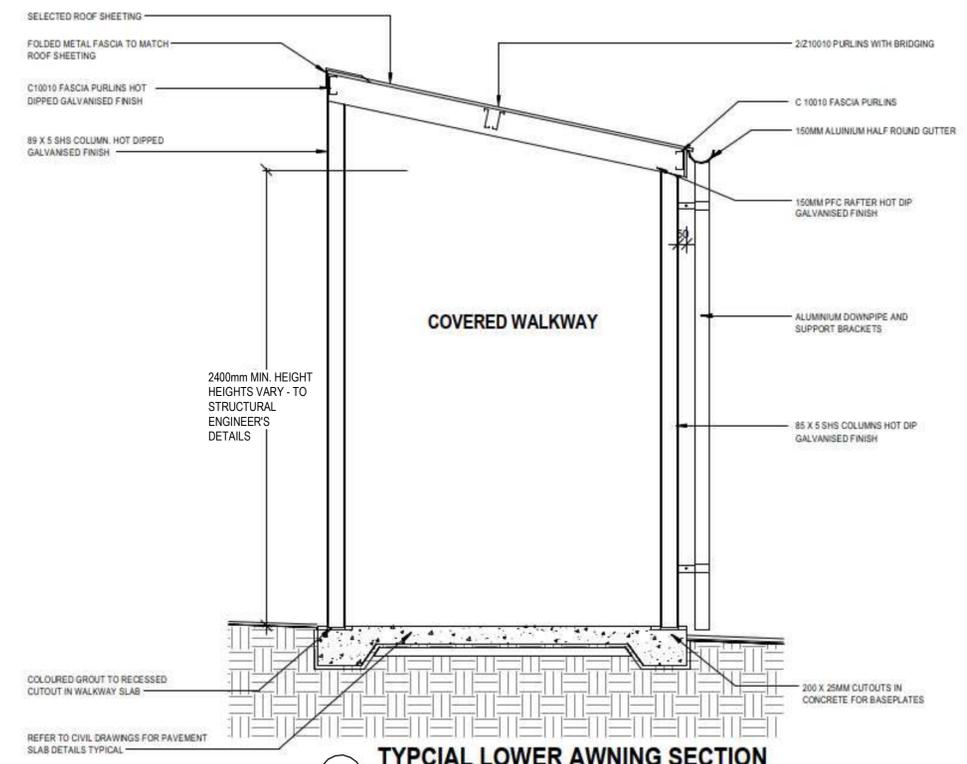
2 TYPICAL AWNING SECTION - COLUMN TO FLOOR JUNCTION
1 : 10



3 TYPICAL AWNING PLAN - FOOTING
1 : 10



4 TYPICAL UPPER AWNING SECTION
1 : 20



5 TYPICAL LOWER AWNING SECTION
1 : 20

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F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324
DRAWING: Typical Covered Walkway

CLIENT: School Infrastructure NSW



DRAWN: MJD
DATE: 08/04/2024
SCALE: 1:20 @ A1
1:40 @ A3
PROJECT No: 14276
PHASE: SD
DRAWING No: A-REF-050
REV: F

REF 1



ADMIN GROUND FLOOR

LEGEND

ABBREVIATIONS

CC1-	CONCRETE COLUMN AS SCHEDULED BY ENG.
SC-	STEEL COLUMN AS SCHEDULED BY ENG.
SC-FR-	FIRE RATED STEEL COLUMN
CC2-	CONCRETE CIRCULAR COLUMN AS SCHEDULED BY ENG.
FFL-	FLOOR FINISH LEVEL
BAL-	BALUSTRADE
TOSI-	TACTILE GROUND SURFACE INDICATORS

FLOOR FINISHES

CPT.01-	CARPET TYPE 1 AS SCHEDULED
CPT.02-	CARPET TYPE 2 AS SCHEDULED
VF.01-	VINYL TYPE 1 AS SCHEDULED
VF.02-	VINYL TYPE 2 AS SCHEDULED
VF.03-	VINYL TYPE 3 AS SCHEDULED
CONC.01-	CONCRETE FLOOR AS SCHEDULED
TL.01-	TILE TYPE 1 AS SCHEDULED
TSF.01-	TIMBER SPRUNG FLOORING AS SCHEDULED

SECURITY LEVEL CATEGORY

(A)	LEVEL A	(C)	LEVEL C	(E)	LEVEL E
(B)	LEVEL B	(D)	LEVEL D		

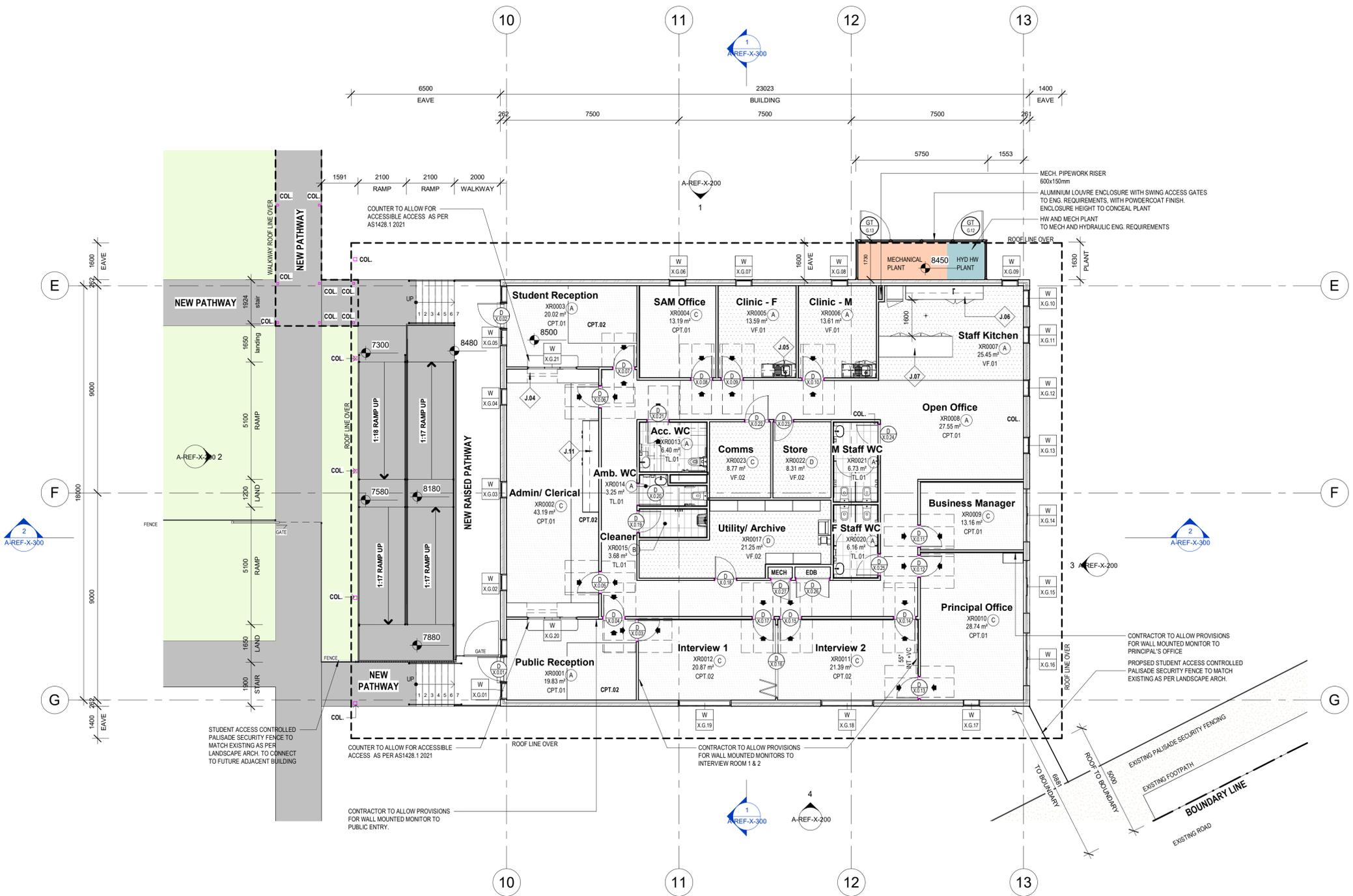
NOTE: SECURITY CATEGORY TO BE READ IN CONJUNCTION WITH NSW EFGS SCHOOLS SECURITY GUIDELINES

STANDARD TAGS

WINDOW TAG	TOP LINE IS THE 'WINDOW IDENTIFIER' BOTTOM LINE IS THE 'LEVEL WINDOW NUMBER' ie. (G) GROUND LEVEL, (01) WINDOW 1 ON THAT LEVEL
DOOR TAG	TOP LINE IS THE 'DOOR IDENTIFIER' BOTTOM LINE IS THE 'LEVEL DOOR NUMBER' ie. (G) GROUND LEVEL, (01) DOOR 1 ON THAT LEVEL
WALL TAG	'WALL MAKEUP/TYPE IDENTIFIER WALL TYPE NUMBER' SD.1 ie. (S) STEEL STUD (D) 92mm, (1) TYPE 1
JOINERY TAG	'JOINERY IDENTIFIER JOINERY NUMBER' J.1 ie. (JR) JOINERY, (1) JOINERY ITEM 1
MATERIAL TAG	'MATERIAL IDENTIFIER MATERIAL FINISH NUMBER' M.PT.1 ie. (M) MATERIALS, (PT) PAINT FINISH (1) TYPE 1
GENERAL TAG	'CATEGORY/SCHEDULE IDENTIFIER ITEM IDENTIFIER ITEM TYPE' LT.DL.1 ie. (LT) LIGHTING, (DL) DOWNLIGHT (1) TYPE 1
REVISION TAG	IN TRIANGLE IS REVISION NUMBER OUTSIDE TRIANGLE IS CHANGE COMMENT ie. COMMENT MIGHT BE 'DOOR ADDED'
GATE TAG	TOP LINE IS THE 'GATE IDENTIFIER' BOTTOM LINE IS THE 'LEVEL GATE NUMBER' ie. (G) GROUND LEVEL, (01) DOOR 1 ON THAT LEVEL

Joinery - Admin/ Block X

CODE	DESCRIPTION
J.04	RECEPTION COUNTER
J.05	CLINIC BENCH
J.06	KITCHEN BACK BENCH
J.07	KITCHEN ISLAND JOINERY
J.08	UTILITY BENCH
J.11	ADMIN/CLERICAL STORAGE BENCH UNIT



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PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

CLIENT: School Infrastructure NSW

DRAWING: Admin - Block X - Ground Floor Plan



DRAWN: MJD
DATE: 08/04/2024 As indicated@ A1
SCALE: 1:200@ A3

PROJECT No: 14276
PHASE: SD A-REF-X-100
DRAWING No: F
REV: F

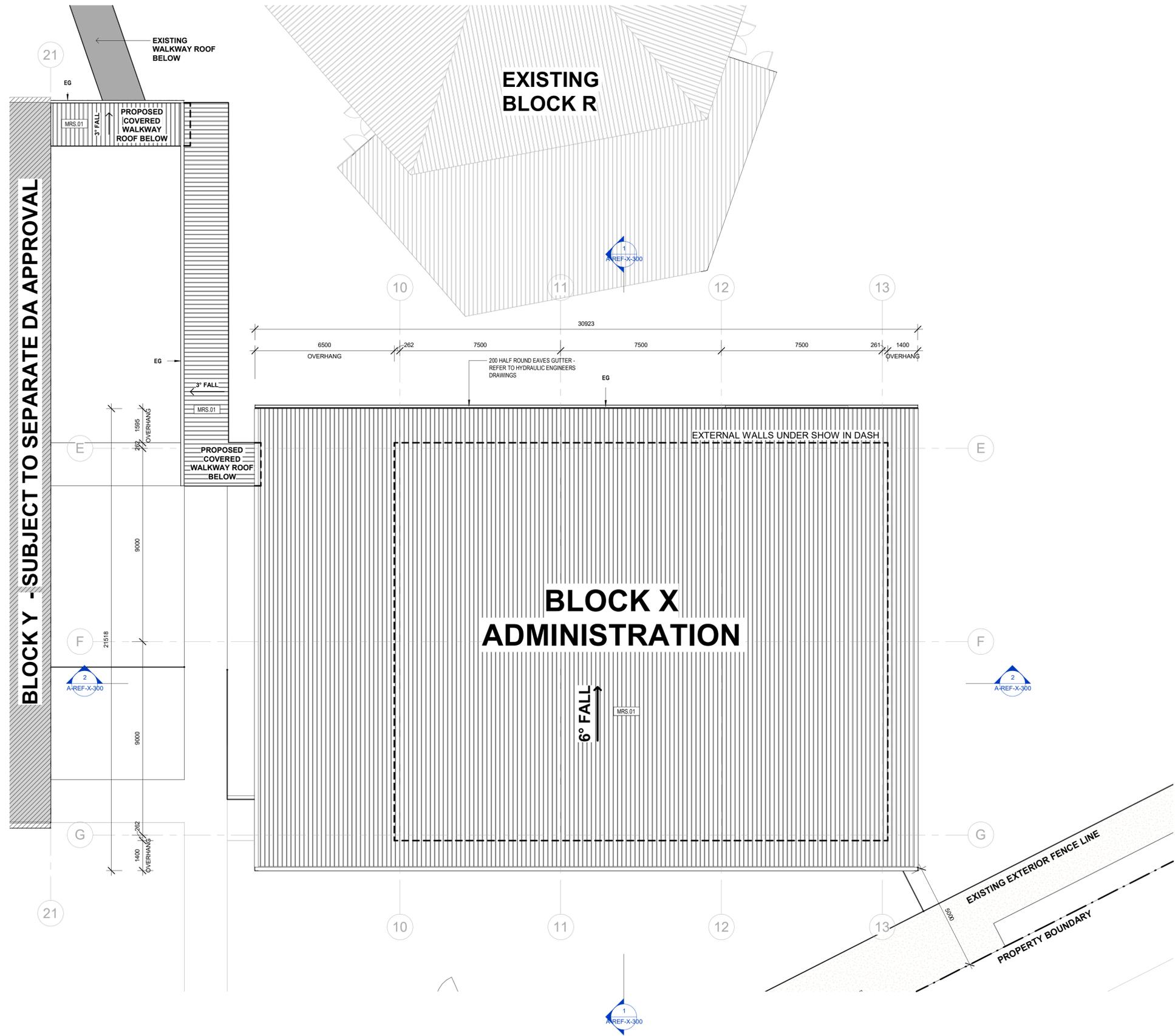
REF 1



NOTE:
CONTRACTOR TO ALLOW PROVISIONS FOR WALL MOUNTED MONITOR TO PUBLIC ENTRY, INTERVIEW ROOM 1, INTERVIEW ROOM 2 AND PRINCIPAL'S OFFICE.

ADMIN

ROOF PLAN



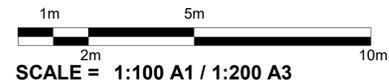
LEGEND

ABBREVIATIONS

EG- EAVES GUTTER AS HYDRAULIC ENG.
 DP- DOWN PIPES AS HYDRAULIC ENG.
 MRS- METAL ROOF SHEETING - AS SCHEDULED

NOTE:

1. ROOF CEILING ENVELOPE R3.7 (DOWNWARDS) SOLAR ABSORBANCE NO MORE THAN 0.45
2. ALL DOORS, OR ONE LEAF OF A DOUBLE DOOR, ARE TO HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF MIN. 850MM



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DRN	CHKD	VRFD
MJD	HN	

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 36 Elkin Ave,
 Heatherbrae
 NSW 2324

DRAWING: Admin - Block X - Roof Plan

CLIENT: School Infrastructure NSW



DRAWN: MJD
 DATE: 08/04/2024
 SCALE: As indicated @ A1
 1:200 @ A3

PROJECT No: 14276
 PHASE: SD A-REF-X-110
 DRAWING No: F
 REV: F

REF 1



ADMIN

GROUND FLOOR

RCP

CEILING FINISHES LEGEND - ADMINISTRATION BLOCK X

- CLG-101 FLUSH PLASTERBOARD PAINT FINISH
- CLG-105 NRC >0.85 HIGHLY ABSORPTIVE CEILING
- SL.01 SOFFIT LINING - SHEET METAL
- CLG-102 MOISTURE RESISTANT PLASTERBOARD PAINT FINISH
- CLG-106 FIRE RATED PLASTERBOARD PAINT FINISH
- FC.01 PRE-FINISHED FC
- CLG-104 NRC: 0.6 - 0.8 ABSORPTIVE CEILING
- FC.01 PRE-FINISHED AS SCHEDULE

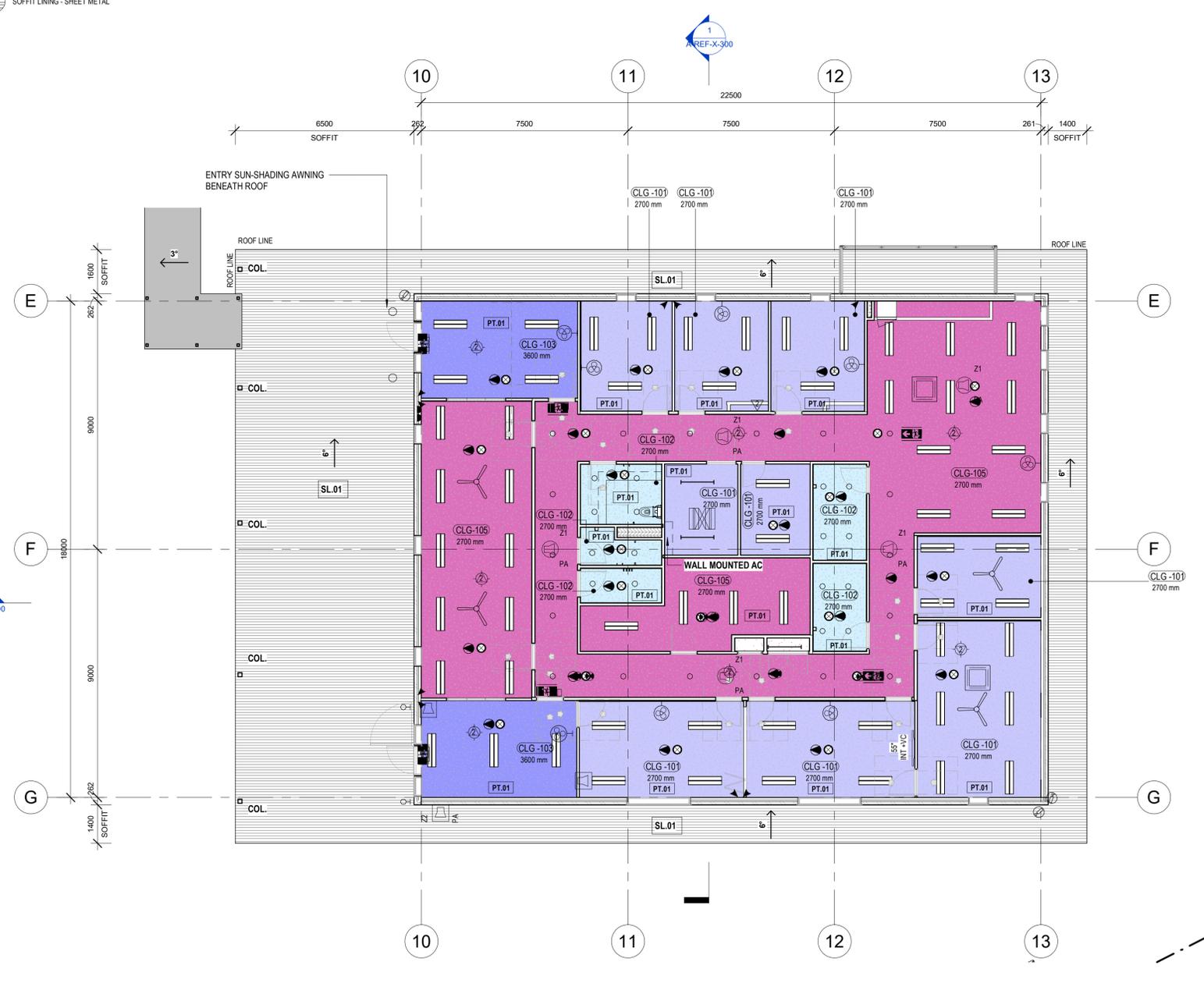
CEILING FIXTURES/FITTINGS - ADMINISTRATION BLOCK X

- A1 RECESSED/ SURFACED LED LIGHT TYPE 1 - REFER TO ELECTRICAL ENG. DRAWINGS
- B1 LED BATTEN LIGHT TYPE 1 - REFER TO ELECTRICAL ENG. DRAWINGS
- D1 RECESSED LED DOWNLIGHT TYPE 1 - REFER TO ELECTRICAL ENG. DRAWINGS
- D2 RECESSED LED DOWNLIGHT TYPE 2 - REFER TO ELECTRICAL ENG. DRAWINGS
- S1 SURFACE MOUNTED LED OYSTER LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
- W1 SURFACE MOUNTED LED WALL LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS

- E ILLUMINATED EXIT SIGN - REFER TO ELECTRICAL ENG. DRAWINGS
- D DIRECTIONAL ILLUMINATED EXIT SIGN - REFER TO ELECTRICAL ENG. DRAWINGS
- E LED EMERGENCY LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
- S MOVEMENT SENSOR - REFER TO ELECTRICAL ENG. DRAWINGS
- W WALL FAN - REFER TO ELECTRICAL ENG. DRAWINGS (FINAL COLOUR AND LOCATIONS TO BE ADVISED BY ARCHITECT)
- C CEILING FAN - REFER TO ELECTRICAL ENG. DRAWINGS (FINAL COLOUR AND LOCATIONS TO BE ADVISED BY ARCHITECT)
- R RETURN/ EXHAUST AIR EGG CRATE GRILLE - REFER TO MECHANICAL ENG. DRAWINGS
- A ACCESS PANEL - REFER TO MECHANICAL ENG. DRAWINGS
- C CASSETTE STYLE AIR SUPPLY - REFER TO MECHANICAL ENG. DRAWINGS

NOTE:

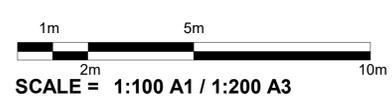
1. ROOF/ CEILING ENVELOPE R3.7 (DOWNWARDS) SOLAR ABSORBANCE NO MORE THAN 0.45
2. CONTRACTOR TO REFER TO ACOUSTIC ENGINEERS REPORT FOR CEILING NRC REQUIREMENTS
3. CONTRACTOR TO REFER TO AUDIO VISUAL CONSULTANT DRAWINGS AND REPORT FOR DETAILS ON BUILDING'S AV REQUIREMENTS
4. REFER TO FIRE ENGINEER DOCUMENTATION FOR FIRE SAFETY CEILING ACCESSORIES' SERVICES



STANDARD TAGS	
W G.01	WINDOW TAG TOP LINE IS THE "WINDOW IDENTIFIER" BOTTOM LINE IS THE "LEVEL WINDOW NUMBER" ie. (G) GROUND LEVEL, (01) WINDOW 1 ON THAT LEVEL
D G.01	DOOR TAG TOP LINE IS THE "DOOR IDENTIFIER" BOTTOM LINE IS THE "LEVEL DOOR NUMBER" ie. (G) GROUND LEVEL, (01) DOOR 1 ON THAT LEVEL
SD.1 SD.1	WALL TAG "WALL MAKEUP/TYPE IDENTIFIER WALL TYPE NUMBER" ie. (S) STEEL STUD (D) 92mm, (1) TYPE 1
J.1	JOINERY TAG "JOINERY IDENTIFIER JOINERY NUMBER" ie. (JR) JOINERY, (1) JOINERY ITEM 1
M.PT.1	MATERIAL TAG "MATERIAL IDENTIFIER MATERIAL FINISH NUMBER" ie. (M) MATERIALS, (PT) PAINT FINISH (1) TYPE 1
LT.DL.1	GENERAL TAG "CATEGORY/SCHEDULE IDENTIFIER ITEM IDENTIFIER ITEM TYPE" ie. (LT) LIGHTING, (DL) DOWNLIGHT (1) TYPE 1
1	REVISION TAG IN TRIANGLE IS REVISION NUMBER OUTSIDE TRIANGLE IS CHANGE COMMENT ie. COMMENT MIGHT BE "DOOR ADDED"
GT G.01	GATE TAG TOP LINE IS THE "GATE IDENTIFIER" BOTTOM LINE IS THE "LEVEL GATE NUMBER" ie. (G) GROUND LEVEL, (01) GATE 1 ON THAT LEVEL

MATERIALS LEGEND

CODE	DESCRIPTION
ACP.02	ACOUSTIC PANEL AS SCHEDULE
ACP.03	ACOUSTIC PANEL AS SCHEDULE
CPT.01	CARPET TILE AS SCHEDULED
CPT.02	CARPET TILE AS SCHEDULED
CPT.03	CARPET TILE AS SCHEDULED
CST.01	COVED SKIRTING TILE
CVS.02	COVED VINYL SKIRTING AS SCHEDULED
FC.03	CEMENT WALL SHEETING FEATURE
FC.05	FIBRE CEMENT COLUMN CLADDING SHEETING
FLM.01	PRIVACY WINDOW FILM
LAM.01	LAMINATE TYPE 01 AS SCHEDULED
LAM.02	LAMINATE TYPE 02 AS SCHEDULED
LAM.03	LAMINATE TYPE 03 AS SCHEDULED
LAM.04	LAMINATE TYPE 04 AS SCHEDULED
PIN.01	PINBOARD FINISH TYPE 01 AS SCHEDULED
PIN.02	PINBOARD FINISH TYPE 02 AS SCHEDULED
PIN.03	PINBOARD FINISH TYPE 03 AS SCHEDULED
PT.01	PAINT FINISH AS SCHEDULED
PT.02	PAINT FINISH AS SCHEDULED
PT.03	PAINT FINISH AS SCHEDULED
RCS.01	RECONSTITUTED STONE BENCHTOP AS SCHEDULED
TL.01	SLIP RESISTANT TILE AS SCHEDULED
TL.02	WALL TILE AS SCHEDULED
TL.03	FEATURE WALL TILE AS SCHEDULED
TL.04	SLIP RESISTANT TILE AS SCHEDULED
VF.01	VINYL FLOORING TYPE 1 AS SCHEDULED
VF.02	VINYL FLOORING TYPE 2 AS SCHEDULED
VF.03	VINYL FLOORING TYPE 3 AS SCHEDULED



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REV	DATE	COMMENTS	DRN	CHKD	VRFD
A	29/05/2023	ISSUE FOR REF 1	MJD	HN	
B	11/07/2023	ISSUE FOR REF 1	MJD	HN	
C	25/08/2023	REF 1 ISSUE	MJD	HN	
D	27/03/2024	REVISED REF1 SD FOR COORDINATION	MJD	HN	
E	08/04/2024	REVISED REF1 ISSUE	MJD	HN	
F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

CLIENT: School Infrastructure NSW

DRAWING: Admin - Block X - Reflected Ceiling Plan

DRAWN: MJD
DATE: 08/04/2024 As indicated@ A1
SCALE: 1:200@ A3

PROJECT No: 14276
PHASE: SD A-REF-X-140
DRAWING No: F

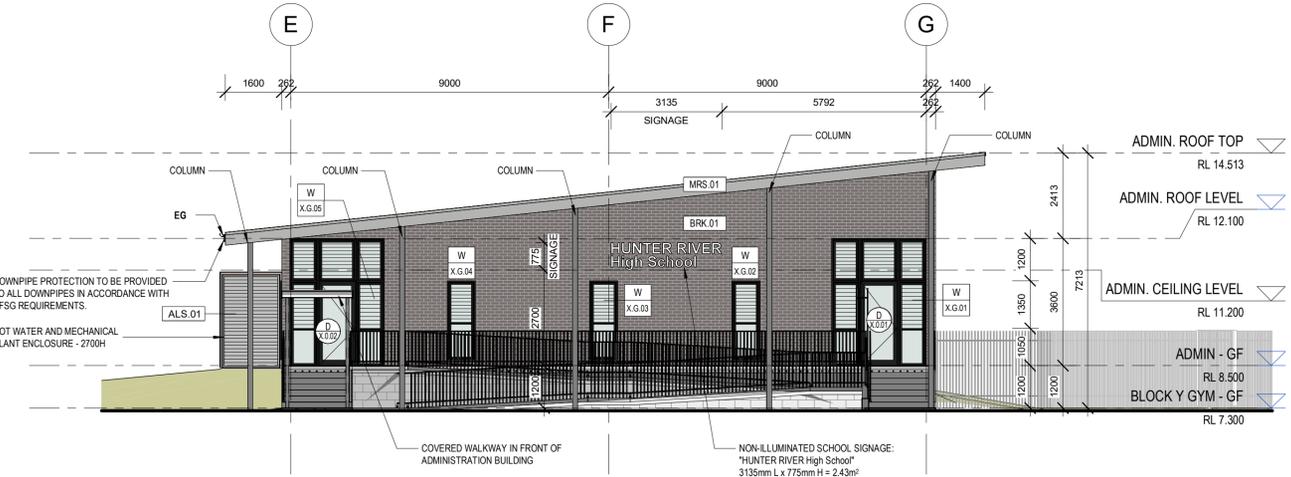
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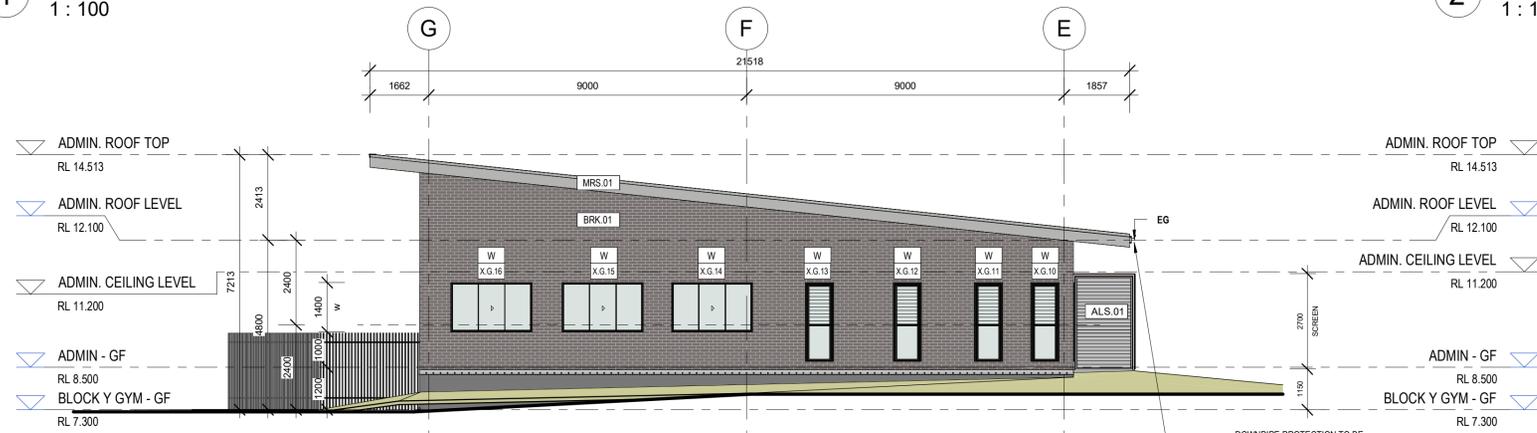
ADMIN ELEVATIONS



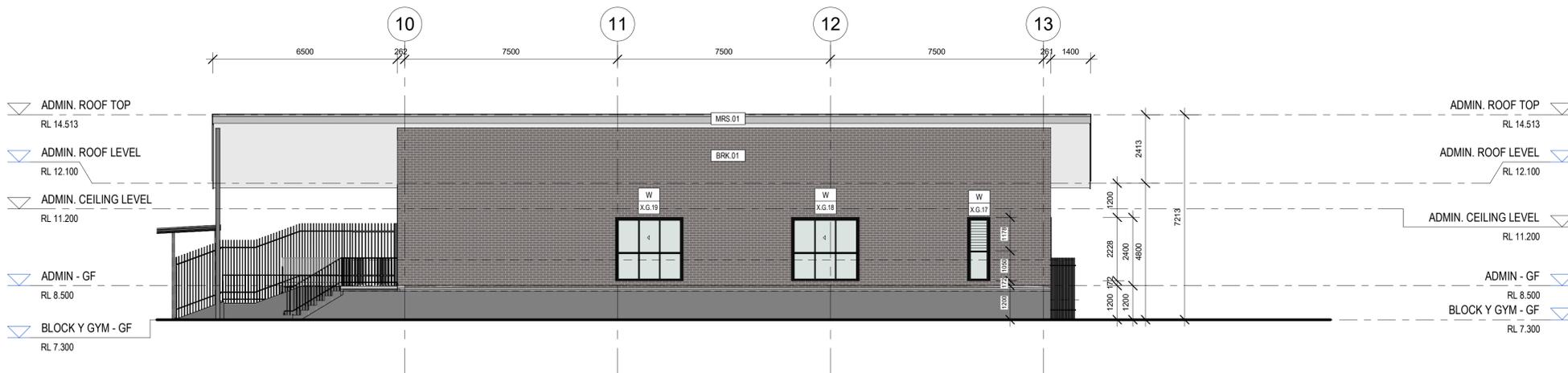
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1 : 100



2 Admin West Elevation
1 : 100



3 Admin East Elevation
1 : 100



4 Admin South Elevation
1 : 100

LEGEND

FINISHES CODES

BAL.#	- ALUMINIUM BALUSTRADE WITH PC FINISH
PC.#	- ALUMINIUM DOOR & WINDOW FRAMES, SASHES, MULLIONS
BRK.#	- FACE BRICK AS SCHEDULED & TO COMPLY WITH AS 3700
ALS.#	- ALUMINIUM LOUVRE SCREEN AS SCHEDULED
SN.#	- STAIR NOSING AS SCHEDULED
TGSI.#	- TACTILE GROUND SURFACE INDICATORS
MS.#	- PREFINISHED METAL SHEETING AS SCHEDULED
MRS.#	- PREFINISHED METAL ROOF SHEETING AS SCHEDULED
DP.#	- RAINWATER DOWNPIPE
EG.#	- RAINWATER GUTTERING
CONC.#	- CONCRETE SLAB / BEAMS / STAIRS/ PATHWAY AS SCHEDULED
COL.#	- CONCRETE COLUMNS AS SCHEDULED
FC.#	- PREFINISHED FC SHEETING AS SCHEDULED
BLK.#	- BLOCK WORK
PT.#	- PAINT FINISH AS SCHEDULED
SL.#	- EAVES SOFFIT LININGS

NOTE:

DOWNPIPE PROTECTION TO BE PROVIDED TO ALL DOWNPIPES IN ACCORDANCE WITH EFSG REQUIREMENTS.
ALL LOUVRE WINDOWS TO BEGIN ABOVE 1000MM FFL
FC = PREFINISHED FIBRE CEMENT SHEETING - AS SCHEDULED

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REF 1

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20mm 100mm 200mm ON ORIGINAL A1

REV	DATE	COMMENTS
A	29/05/2023	ISSUE FOR REF 1
B	11/07/2023	ISSUE FOR REF 1
C	25/08/2023	REF 1 ISSUE
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E	08/04/2024	REVISED REF1 ISSUE
F	17/04/2024	REF1 ISSUE

DRN	CHKD	VRFD
MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

CLIENT: School Infrastructure NSW

DRAWING: Admin - Block X - Elevations

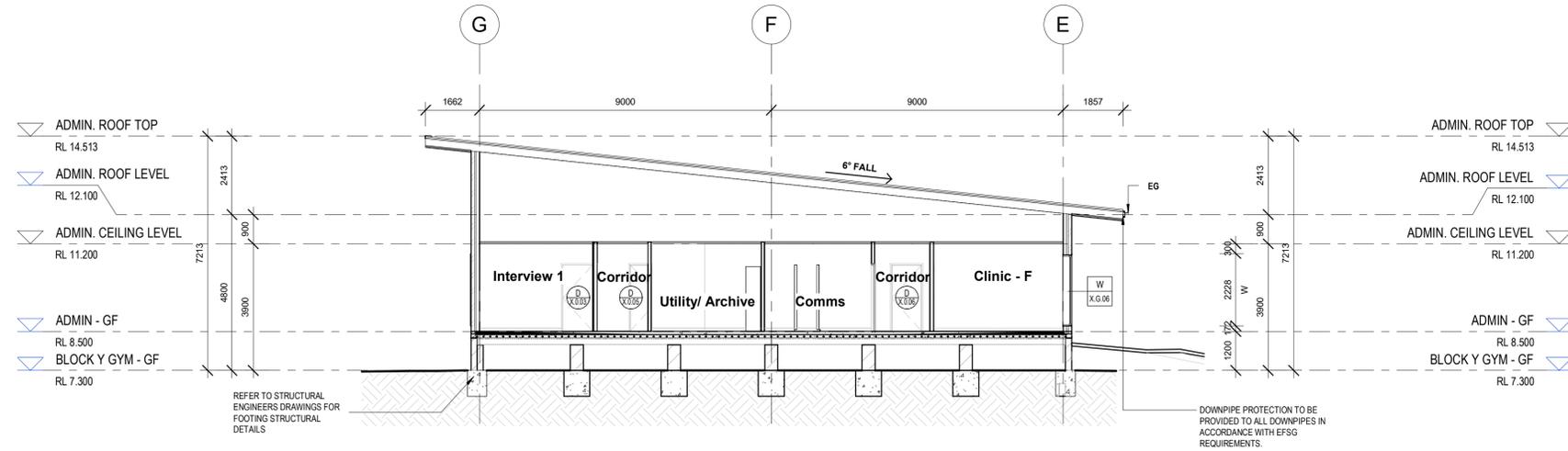
DRAWN: MJD
DATE: 08/04/2024
AS INDICATED @ A1
SCALE: 1 : 200 @ A3

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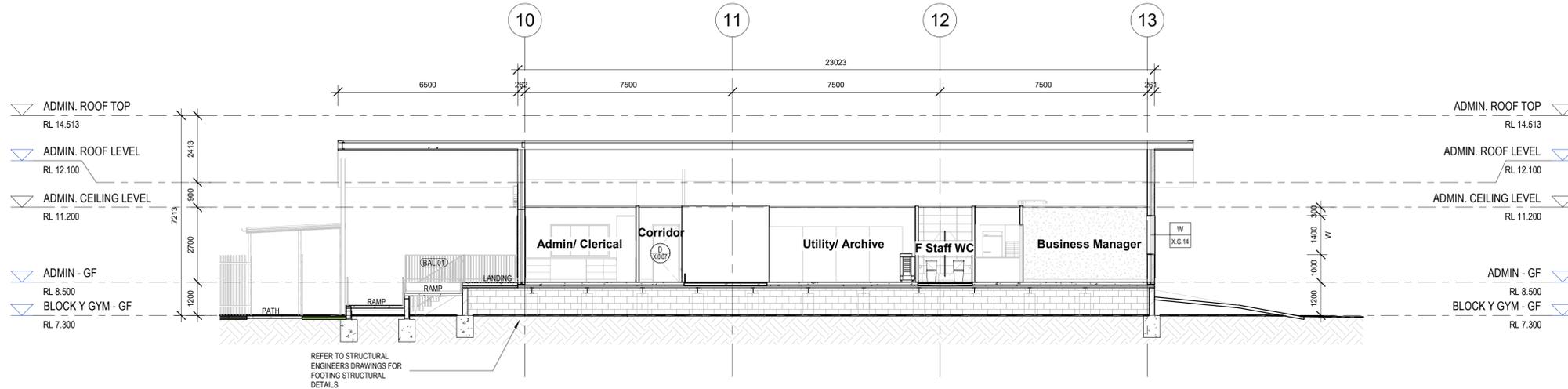
PROJECT No: 14276
PHASE: SD A-REF-X-200
DRAWING No: F



ADMIN SECTIONS



1 Admin - Section 1
1 : 100



2 Admin Section 2
1 : 100

LEGEND

ABBREVIATIONS

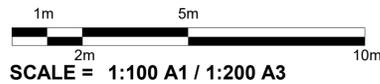
CC1-	CONCRETE COLUMN AS SCHEDULED BY ENG.
SC-	STEEL COLUMN AS SCHEDULED BY ENG.
SC FR-	FIRE RATED STEEL COLUMN
CC2-	CONCRETE CIRCULAR COLUMN AS SCHEDULED BY ENG.
FFL-	FLOOR FINISH LEVEL
BAL-	BALLUSTRADE
TGS-	TACTILE GROUND SURFACE INDICATORS
DP-	DOWN PIPE AS SCHEDULED BY ENG.

FLOOR FINISHES

CPT.01-	CARPET TYPE 1 AS SCHEDULE
CPT.02-	CARPET TYPE 2 AS SCHEDULE
VF.01-	VINYL TYPE 1 AS SCHEDULED
VF.02-	VINYL TYPE 2 AS SCHEDULED
CONC.01-	CONCRETE FLOOR AS SCHEDULED
TL.01-	TILE TYPE 1 AS SCHEDULE

	NEW WORKS
	REPRESENTS DEMOLITION WORKS

NOTE: EXISTING ROOM DIMENSIONS TO BE CONFIRMED ON SITE



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ADMINISTRATION BUILDING FABRIC REQUIREMENTS

- ALL ROOF TO HAVE TOTAL CONSTRUCTION R-VALUE OF R13.7 (SA<0.45) (DOWNWARD)
- ENVELOPE WALLS TO HAVE TOTAL CONSTRUCTION R-VALUE OF R1.4
- ENVELOPE FLOORS (INCLUDING SLAB ON GROUND) TO HAVE TOTAL CONSTRUCTION R-VALUE OF R12.0 (DOWNWARD)

NB:

- IT IS A TOTAL SYSTEM PERFORMANCE VALUE AND NOT THE INSULATION
- THE IMPACT OF THERMAL BRIDGING MUST BE INCLUDED IN THE BUILDING ENVELOPE TOTAL SYSTEM R-VALUE CALCULATIONS
- ROOF SOLAR ABSORBANCE MUST BE NO MORE THAN 0.45 (LIGHTER COLOUR)

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C	25/08/2023	REF 1 ISSUE
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E	08/04/2024	REVISED REF1 ISSUE
F	17/04/2024	REF1 ISSUE

DRN	CHKD	VRFD
MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

DRAWING: Admin - Block X - Sections

CLIENT: School Infrastructure NSW



DRAWN: MJD DATE: 08/04/2024 As indicated@ A1
SCALE: 1 : 200 @ A3

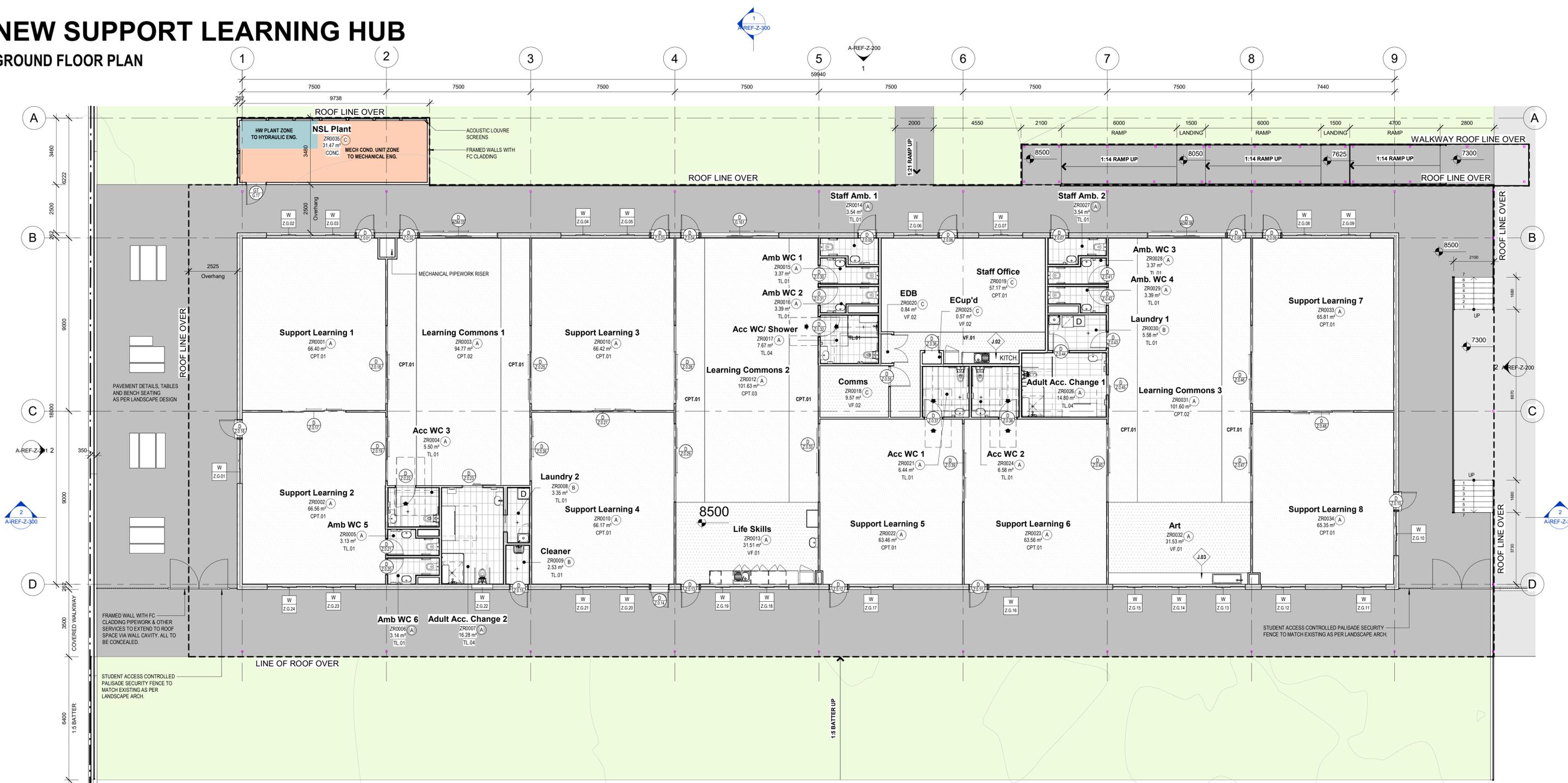
PROJECT No: 14276 PHASE: SD A-REF-X-300 DRAWING No: F

REF 1



NEW SUPPORT LEARNING HUB

GROUND FLOOR PLAN



Joinery - NSL / Block Z

CODE	DESCRIPTION
J.01	WORKING BENCH
J.02	KITCHENETTE
J.03	WORKING BENCH



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LEGEND

ABBREVIATIONS

- CC1 - CONCRETE COLUMN AS SCHEDULED BY ENG.
- SC - STEEL COLUMN AS SCHEDULED BY ENG.
- SC FR - FIRE RATED STEEL COLUMN
- CC2 - CONCRETE CIRCULAR COLUMN AS SCHEDULED BY ENG.
- FFL - FLOOR FINISH LEVEL
- BAL - BALUSTRADE
- TGSI - TACTILE GROUND SURFACE INDICATORS

FLOOR FINISHES

- CPT.01 - CARPET TYPE 1 AS SCHEDULED
- CPT.02 - CARPET TYPE 2 AS SCHEDULED
- VF.01 - VINYL TYPE 1 AS SCHEDULED
- VF.02 - VINYL TYPE 2 AS SCHEDULED
- VF.03 - VINYL TYPE 3 AS SCHEDULED
- CONC.01 - CONCRETE FLOOR AS SCHEDULED
- TL.01 - TILE TYPE 1 AS SCHEDULED
- TSF.01 - TIMBER SPRUNG FLOORING AS SCHEDULED

SECURITY LEVEL CATEGORY

(A) LEVEL A (C) LEVEL C (E) LEVEL E
 (B) LEVEL B (D) LEVEL D

NOTE: SECURITY CATEGORY TO BE READ IN CONJUNCTION WITH NSW EFGS SCHOOLS SECURITY GUIDELINES

REV	DATE	COMMENTS	DRN	CHKD	VRFD
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F	17/04/2024	REF 1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
 36 Elkin Ave,
 Heatherbrae
 NSW 2324

CLIENT: School Infrastructure NSW

DRAWN: MJD
 DATE: 08/04/2024
 AS INDICATED @ A1
 SCALE: 1:200 @ A3

PROJECT No: 14276
 PHASE: SD A-REF-Z-100
 DRAWING No: F
 REV: F

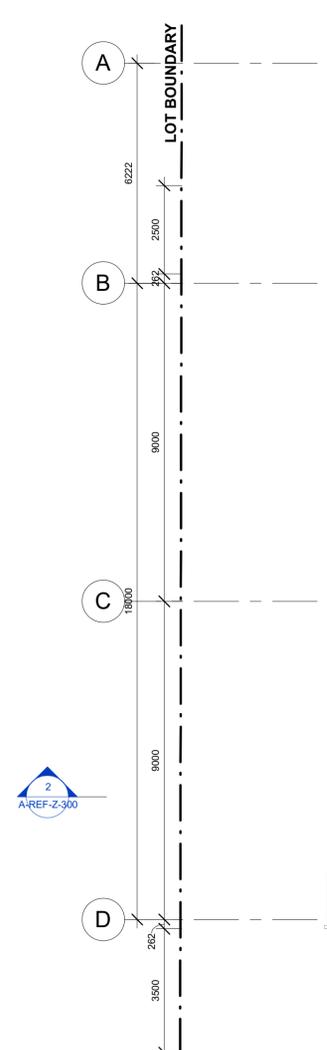
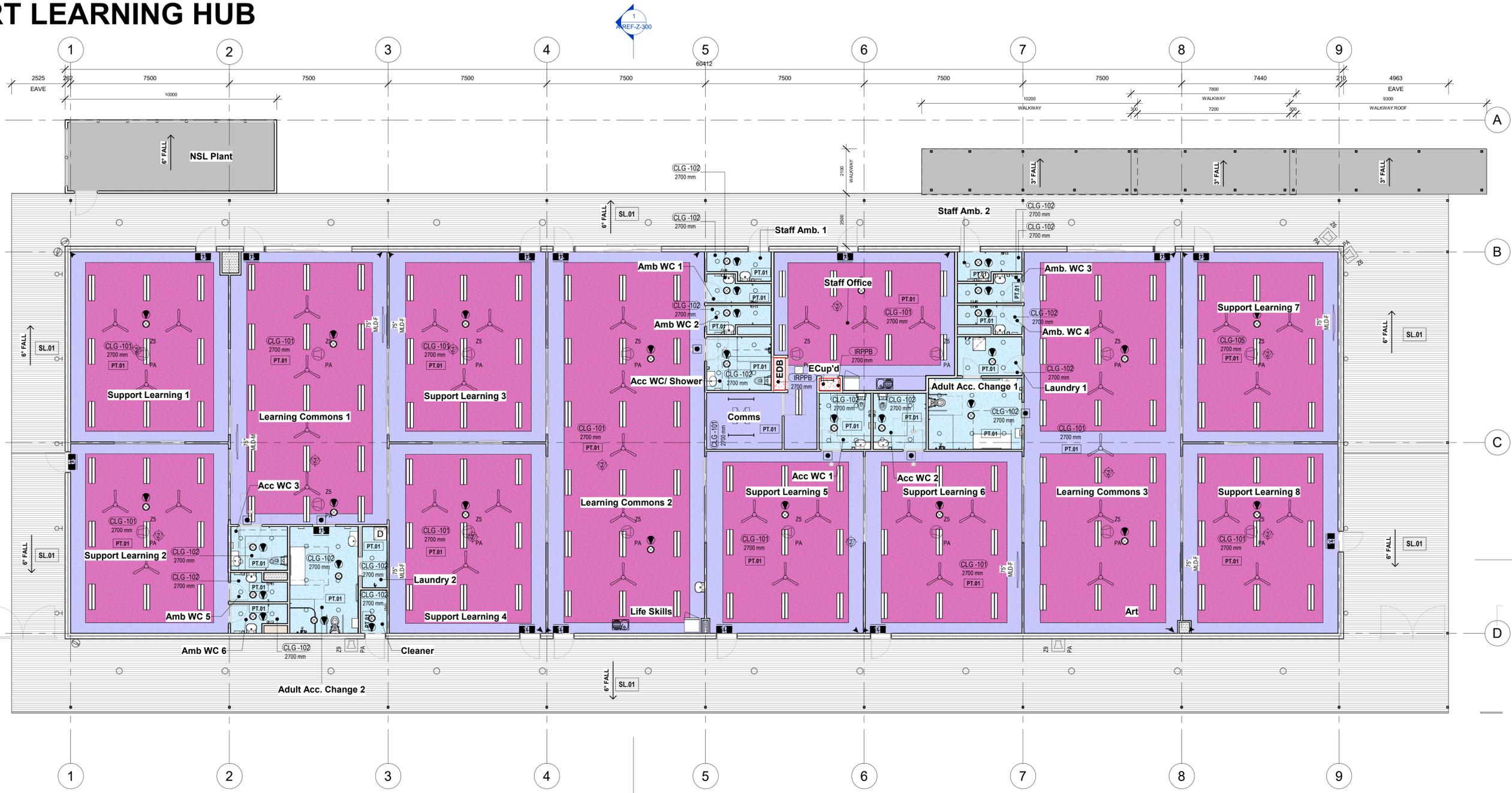


REF 1



NEW SUPPORT LEARNING HUB

GROUND FLOOR
RCP

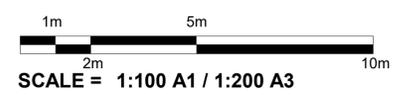


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MATERIALS LEGEND	
CODE	DESCRIPTION
ACP.02	ACOUSTIC PANEL AS SCHEDULE
ACP.03	ACOUSTIC PANEL AS SCHEDULE
CPT.01	CARPET TILE AS SCHEDULED
CPT.02	CARPET TILE AS SCHEDULED
CPT.03	CARPET TILE AS SCHEDULED
CST.01	COVED SKIRTING TILE
CVS.02	COVED VINYL SKIRTING AS SCHEDULED
FC.03	CEMENT WALL SHEETING FEATURE
FC.05	FIBRE CEMENT COLUMN CLADDING SHEETING
FLM.01	PRIVACY WINDOW FILM
LAM.01	LAMINATE TYPE 01 AS SCHEDULED
LAM.02	LAMINATE TYPE 02 AS SCHEDULED
LAM.03	LAMINATE TYPE 03 AS SCHEDULED
LAM.04	LAMINATE TYPE 04 AS SCHEDULED
PIN.01	PINBOARD FINISH TYPE 01 AS SCHEDULED
PIN.02	PINBOARD FINISH TYPE 02 AS SCHEDULED
PIN.03	PINBOARD FINISH TYPE 03 AS SCHEDULED
PT.01	PAINT FINISH AS SCHEDULED
PT.02	PAINT FINISH AS SCHEDULED
PT.03	PAINT FINISH AS SCHEDULED
RCS.01	RECONSTITUTED STONE BENCHTOP AS SCHEDULED
TL.01	SLIP RESISTANT TILE AS SCHEDULED

MATERIALS LEGEND	
CODE	DESCRIPTION
TL.02	WALL TILE AS SCHEDULED
TL.03	FEATURE WALL TILE AS SCHEDULED
TL.04	SLIP RESISTANT TILE AS SCHEDULED
VF.01	VINYL FLOORING TYPE 1 AS SCHEDULED
VF.02	VINYL FLOORING TYPE 2 AS SCHEDULED
VF.03	VINYL FLOORING TYPE 3 AS SCHEDULED

CEILING FIXTURES/ FITTINGS LEGEND	
A1	RECESSED/ SURFACED LED LIGHT TYPE 1 - REFER TO ELECTRICAL ENG. DRAWINGS
B1	LED BATTEN LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
B1E	LED BATTEN LIGHT W. EMERGENCY BATTERY SYSTEM TYPE 1 - REFER TO ELECTRICAL ENG. DRAWINGS
B2	LED BATTEN LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
D1	RECESSED LED DOWNLIGHT TYPE 1 - REFER TO ELECTRICAL ENG. DRAWINGS
D2	RECESSED LED DOWNLIGHT TYPE 2 - REFER TO ELECTRICAL ENG. DRAWINGS
S1	SURFACE MOUNTED LED OYSTER LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
W1	SURFACE MOUNTED LED WALL LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
ILL	ILLUMINATED EXIT SIGN - REFER TO ELECTRICAL ENG. DRAWINGS
DIR	DIRECTIONAL ILLUMINATED EXIT SIGN - REFER TO ELECTRICAL ENG. DRAWINGS
LED	LED EMERGENCY LIGHT - REFER TO ELECTRICAL ENG. DRAWINGS
MS	MOVEMENT SENSOR - REFER TO ELECTRICAL ENG. DRAWINGS
WLF	WALL FAN - REFER TO ELECTRICAL ENG. DRAWINGS (FINAL COLOUR AND LOCATIONS TO BE ADVISED BY ARCHITECT)
CF	CEILING FAN - REFER TO ELECTRICAL ENG. DRAWINGS
REX	RETURN/ EXHAUST AIR EGG CRATE GRILLE - REFER TO MECHANICAL ENG. DRAWINGS
AP	ACCESS PANEL - REFER TO MECHANICAL ENG. DRAWINGS
CSA	CASSETTE STYLE AIR SUPPLY - REFER TO MECHANICAL ENG. DRAWINGS
BAG	BIG ASS FAN - REFER TO ELECTRICAL ENG. DRAWINGS



CEILING FINISHES LEGEND	
	EXPOSED CLT
	CLG-104 NRC 0.6 - 0.8 ABSORPTIVE CEILING
	CLG-101 FLUSH PLASTERBOARD PAINT FINISH
	CLG-102 MOISTURE RESISTANT PLASTERBOARD PAINT FINISH
	CLG-105 NRC >0.85 HIGHLY ABSORPTIVE CEILING
	CLG-106 FIRE RATED PLASTERBOARD PAINT FINISH
	CLG-107, CLG-108 & CLG-109 PRE-FINISHED FC
	SL.01 SOFFIT LINING - SHEET METAL

NOTE:
1. ROOF/ CEILING ENVELOPE R3.7 (DOWNWARDS) SOLAR ABSORBANCE NO MORE THAN 0.45
2. CONTRACTOR TO REFER TO ACOUSTIC ENGINEERS REPORT FOR CEILING NRC REQUIREMENTS
3. REFER TO FIRE ENGINEER DOCUMENTATION FOR FIRE SAFETY CEILING ACCESSORIES/ SERVICES

REF 1

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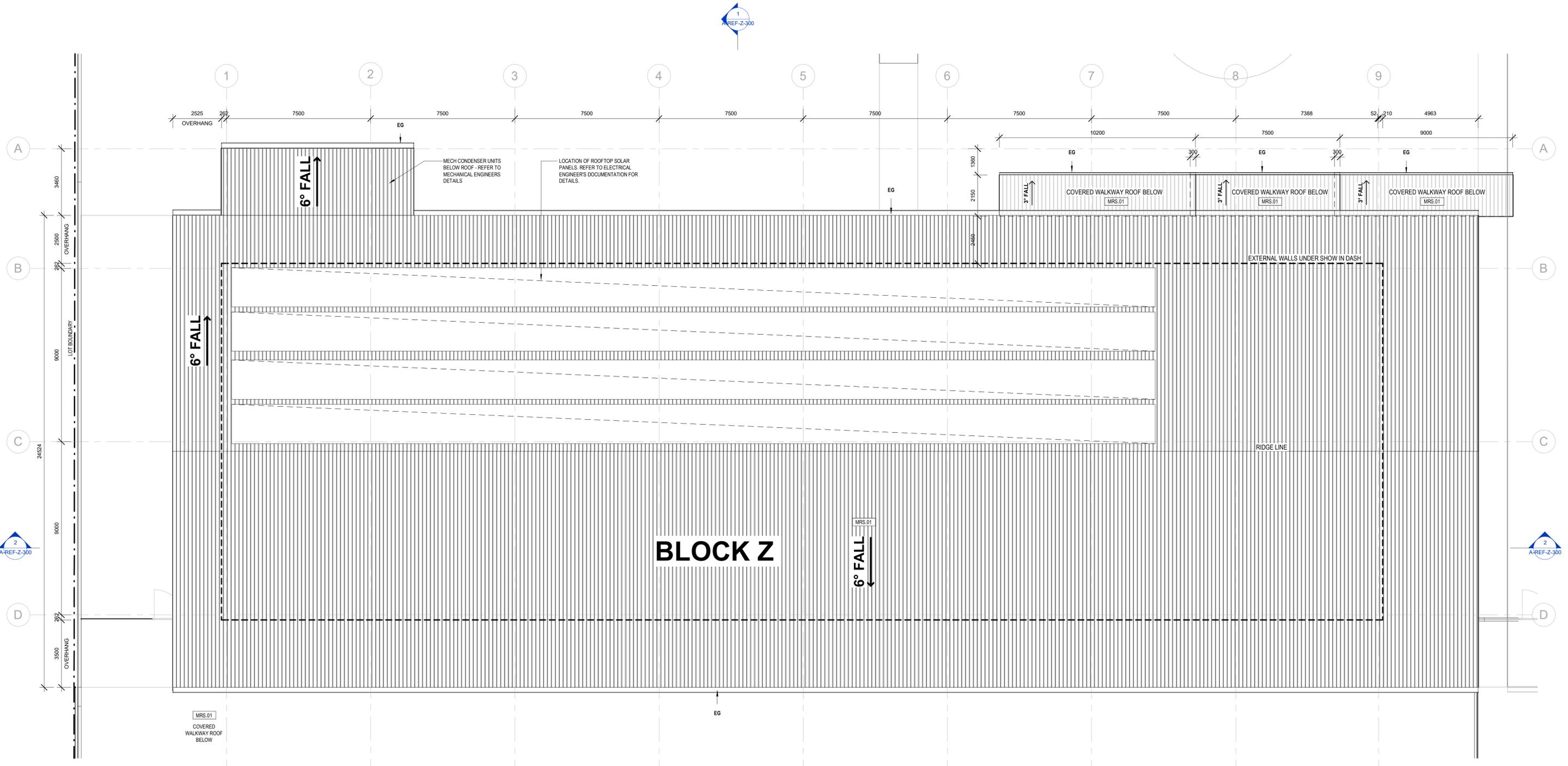
REV	DATE	COMMENTS	DRN	CHKD	VRFD
A	29/05/2023	ISSUE FOR REF 1	MJD	HN	
B	11/07/2023	ISSUE FOR REF 1	MJD	HN	
C	25/08/2023	REF 1 ISSUE	MJD	HN	
D	27/03/2024	REVISED REF1 SD FOR COORDINATION	MJD	HN	
E	06/04/2024	REVISED REF1 ISSUE	MJD	HN	
F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324
CLIENT: School Infrastructure NSW
DRAWN: MJD
DATE: 08/04/2024
As indicated @ A1
1:200 @ A3
PROJECT No: 14276
PHASE: SD A-REF-Z-110
DRAWING No: F
REV: F



NEW SUPPORT LEARNING HUB

ROOF PLAN

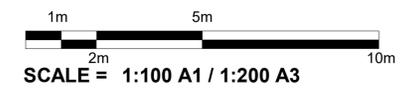


BLOCK Z

LEGEND

ABBREVIATIONS
 EG- EAVES GUTTER AS HYDRAULIC ENG.
 DP- DOWN PIPES AS HYDRAULIC ENG.
 MRS- METAL ROOF SHEETING - AS SCHEDULED

NOTE:
 1. ROOF/ CEILING ENVELOPE R3.7 (DOWNWARDS) SOLAR ABSORBANCE NO MORE THAN 0.45
 2. ALL DOORS, OR ONE LEAF OF A DOUBLE DOOR, ARE TO HAVE A CLEAR UNOBSTRUCTED OPENING WIDTH OF MIN. 850MM



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E	08/04/2024	REVISED REF1 ISSUE	MJD	HN	
F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
 36 Elkin Ave,
 Heatherbrae
 NSW 2324

CLIENT: School Infrastructure NSW

DRAWING: New Support Learning Hub - Block Z - Roof Plan



DRAWN: MJD
 DATE: 08/04/2024
 SCALES: As indicated @ A1
 1:200 @ A3

PROJECT No: 14276
 PHASE: SD A-REF-Z-140
 DRAWING No: F
 REV: F

REF 1

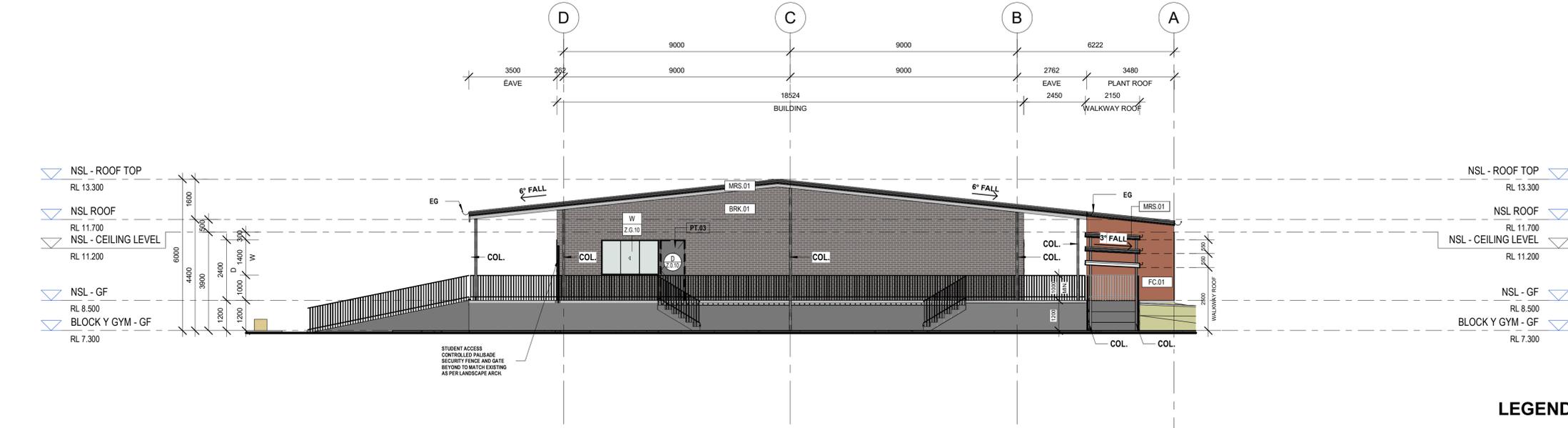


NEW SUPPORT LEARNING HUB

ELEVATIONS



1 NSL North Elevation
1 : 100



2 NSL East Elevation
1 : 100

STANDARD TAGS	
	WINDOW TAG TOP LINE IS THE "WINDOW IDENTIFIER" BOTTOM LINE IS THE "LEVEL WINDOW NUMBER" ie. (S) GROUND LEVEL, (01) WINDOW 1 ON THAT LEVEL
	DOOR TAG TOP LINE IS THE "DOOR IDENTIFIER" BOTTOM LINE IS THE "LEVEL DOOR NUMBER" ie. (S) GROUND LEVEL, (01) DOOR 1 ON THAT LEVEL
	WALL TAG "WALL MAKEUP/TYPE IDENTIFIER.WALL TYPE NUMBER" ie. (S) STEEL STUD (D) 92mm, (1) TYPE 1
	JOINERY TAG "JOINERY IDENTIFIER JOINERY NUMBER" ie. (JR) JOINERY, (1) JOINERY ITEM 1
	MATERIAL TAG "MATERIAL IDENTIFIER MATERIAL FINISH NUMBER" ie. (M) MATERIALS, (PT) PAINT FINISH (1) TYPE 1
	GENERAL TAG "CATEGORY/SCHEDULE IDENTIFIER ITEM IDENTIFIER ITEM TYPE" ie. (LT) LIGHTING, (DL) DOWNLIGHT (1) TYPE 1
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LEGEND

FINISHES CODES

- BAL.# - ALUMINIUM BALUSTRADE WITH PC FINISH
- PC.# - ALUMINIUM DOOR & WINDOW FRAMES, SASHES, MULLIONS
- BRK.# - FACE BRICK AS SCHEDULED & TO COMPLY WITH AS.3700
- ALS.# - ALUMINIUM LOUVRE SCREEN AS SCHEDULED
- SN.# - STAIR NOSING AS SCHEDULED
- TGSI.# - TACTILE GROUND SURFACE INDICATORS
- MS.# - PREFINISHED METAL SHEETING AS SCHEDULED
- MRS.# - PREFINISHED METAL ROOF SHEETING AS SCHEDULED
- DP.# - RAINWATER DOWNPIPE
- EG.# - RAINWATER GUTTERING
- CONC.# - CONCRETE SLAB / BEAMS / STAIRS/ PATHWAY AS SCHEDULED
- COL.# - CONCRETE COLUMNS AS SCHEDULED
- FC.# - PREFINISHED FC SHEETING AS SCHEDULED
- BLK.# - BLOCK WORK
- PT.# - PAINT FINISH AS SCHEDULED
- SL.# - EAVES SOFFIT LININGS

NOTE:
DOWNPIPE PROTECTION TO BE PROVIDED TO ALL DOWNPIPES IN ACCORDANCE WITH EFSG REQUIREMENTS.
ALL LOUVRE WINDOWS TO BEGIN ABOVE 1000MM FFL
FC = PREFINISHED FIBRE CEMENT SHEETING - AS SCHEDULED

REF 1

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F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

CLIENT: School Infrastructure NSW

DRAWING: New Support Learning Hub - Block Z - Elevations - Sheet 1

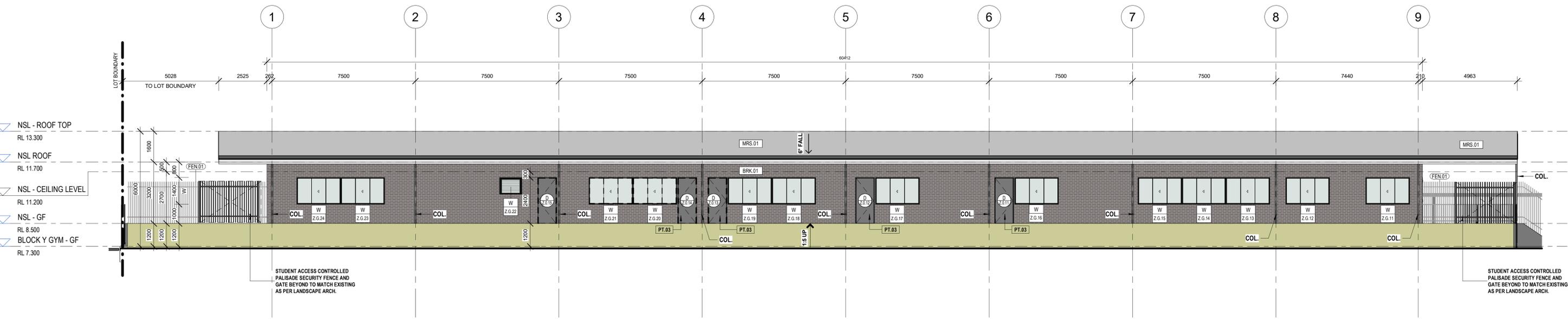
DRAWN: MJD
DATE: 08/04/2024
As indicated@ A1
1 : 200 @ A3

PROJECT No: 14276
PHASE: SD A-REF-Z-200
DRAWING No: F

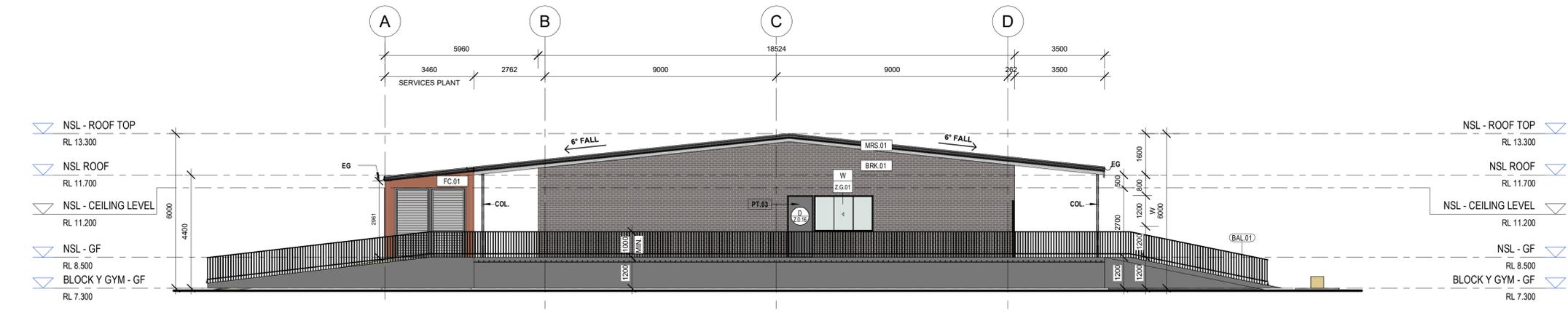


NEW SUPPORT LEARNING HUB

ELEVATIONS



1 NSL South Elevation
1 : 100



2 NSL West Elevation
1 : 100

STANDARD TAGS	
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LEGEND

FINISHES CODES

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NOTE:
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 FC = PREFINISHED FIBRE CEMENT SHEETING - AS SCHEDULED

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F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
 36 Elkin Ave,
 Heatherbrae
 NSW 2324
 CLIENT: School Infrastructure NSW

DRAWING: New Support Learning Hub - Block Z - Elevations Sheet 2

DRAWN: MJD
 DATE: 08/04/2024 As indicated@ A1
 SCALES: 1 : 200@ A3

PROJECT No: 14276
 PHASE: SD A-REF-Z-201
 DRAWING No: F
 REV: F



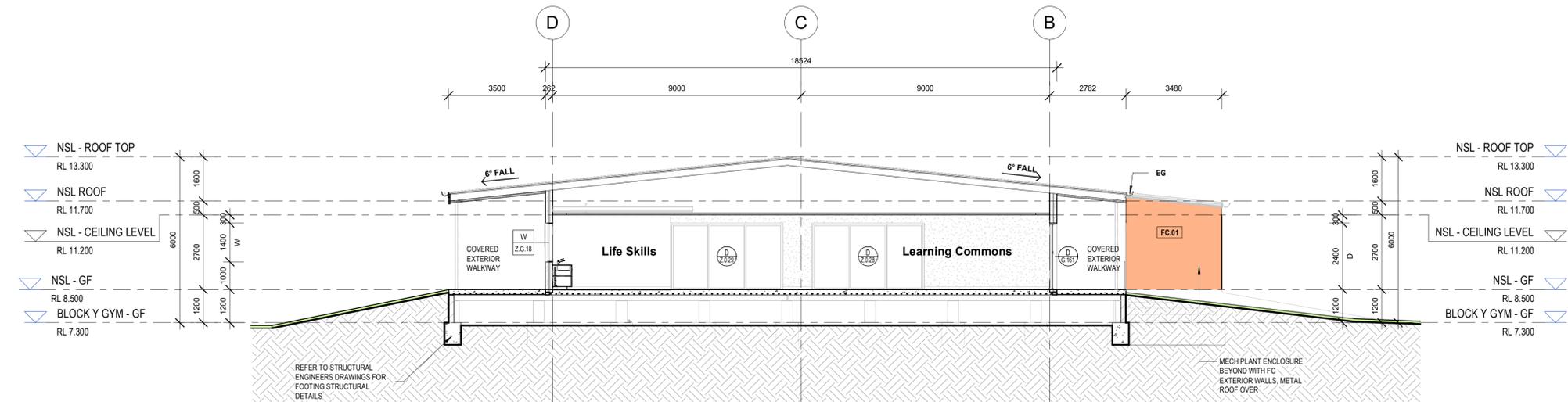
NEW SUPPORT LEARNING HUB

SECTIONS

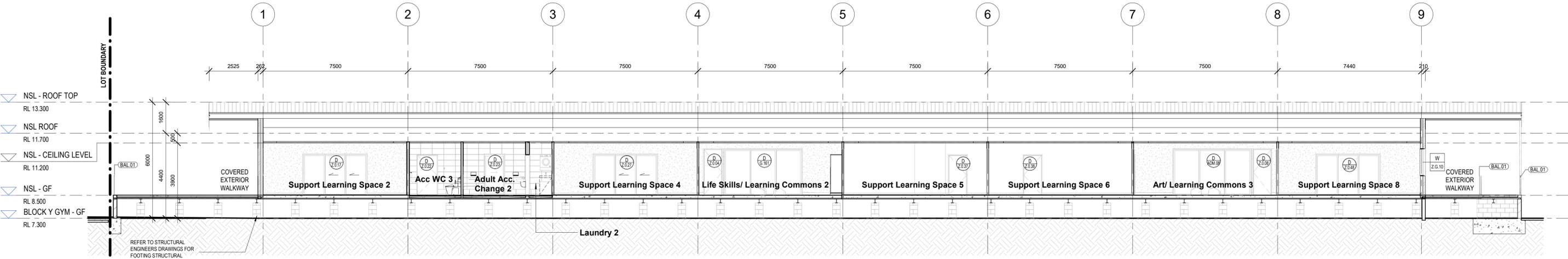
NEW SUPPORT LEARNING BUILDING FABRIC REQUIREMENTS

- ALL ROOF TO HAVE TOTAL CONSTRUCTION R-VALUE OF R13.7 (SA<0.45) (DOWNWARD)
 - ENVELOPE WALLS TO HAVE TOTAL CONSTRUCTION R-VALUE OF R1.4
 - ENVELOPE FLOORS (INCLUDING SLAB ON GROUND) TO HAVE TOTAL CONSTRUCTION R-VALUE OF R2.0 (DOWNWARD)
- NB:
1. IT IS A TOTAL SYSTEM PERFORMANCE VALUE AND NOT THE INSULATION
 2. THE IMPACT OF THERMAL BRIDGING MUST BE INCLUDED IN THE BUILDING ENVELOPE TOTAL SYSTEM R-VALUE CALCULATIONS
 3. ROOF SOLAR ABSORBANCE MUST BE NO MORE THAN 0.45 (LIGHTER COLOUR)

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1 NSL - Section 1
1 : 100



2 NSL - Section 2
1 : 100

LEGEND

FINISHES CODES

BAL.#	- ALUMINIUM BALUSTRADE WITH PC FINISH
PC.#	- ALUMINIUM DOOR & WINDOW FRAMES, SASHES, MULLIONS
BRK.#	- FACE BRICK AS SCHEDULED & TO COMPLY WITH AS.3700
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F	17/04/2024	REF1 ISSUE	MJD	HN	

PROJECT: Hunter River High School Upgrade
36 Elkin Ave,
Heatherbrae
NSW 2324

CLIENT: School Infrastructure NSW

DRAWING: New Support Learning Hub - Block Z - Sections



DRAWN: MJD
DATE: 08/04/2024 As indicated@ A1
SCALE: 1 : 200 @ A3

PROJECT No: 14276
PHASE: SD A-REF-Z-300
DRAWING No: F

