Hunter River High School Upgrade

ISSUE FOR DA

BUILDING AND SITE INFORMATION

ADDRESS

36 Elkin Ave, Heatherbrae, 2324

CLIENT

School Infrastructure NSW

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

SITE AREA 91456.5 m²

LOCAL COUNCIL Port Stephens Council

LEP BULDING HEIGHT

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:

	DA ARCHITECTURAL SHEET LIST
SHEET NO.	SHEET NAME
A-DA-000	Coversheet
A-DA-001	Site Analysis - Existing Site
A-DA-002	Site Analysis - Natural Environment, Movement & Access
A-DA-010	Site Plan
A-DA-011	Car Parking Plan
A-DA-012	Shadow Diagrams
A-DA-013	Site Demolition Plan
A-DA-020	Notification Plan
A-DA-030	Renders & Visualisation Analysis
A-DA-031	Renders & Visualisation Analysis
A-DA-100	Gymnasium - Block Y - Ground Floor Plan
A-DA-110	Gymnasium - Block Y - Reflected Ceiling Plan
A-DA-140	Gymnasium - Block Y - Roof Plan
A-DA-200	Gymnasium - Block Y - Elevations - Sheet 1
A-DA-201	Gymnasium - Block Y - Elevations - Sheet 2
A-DA-300	Gymnasium - Block Y - Sections - Sheet 1
A-DA-301	Gymnasium - Block Y - Section - Sheet 2
No. of Sheets	in Set: 17



EXTERIOR FINISHES SCHEDULE

AREA	CODE	DESCRIPTION	IMAGE	AREA	CODE	DESCRIPTION	IMAGE	AREA	CODE	DESCRIPTION	IMAGE
BRICKWORK	BRK.01			ROOFING ELEMENTS (FASCIAS, GUTTERS, FLASHINGS ETC.)		COLORBOND TBC		SOLID CORE DOOR PAINT - GENERALLY	PT.03	'MAVORA' NZ10H9 SEMI GLOSS FINISH	
WALL CLADDING - GENERALLY	FC.01	CARAT 'CORAL 7031', FORMAT: LARGO 12mm 3050mm x 1250mm, CONCEAL FIX		ROOFING	MRS.01	LYSAGHT ROOF SHEETING, CUSTOM ORB PROFILE, FINISH: COLORBOND TBC (MINIMUM ROOF SLOPE 5 DEGREES)		HANDRAILS AND BALUSTRADES - EFSG STANDARD	BAL.01 & HR.01	GALVANISED STEEL - NATURAL	
WALL CLADDING - GENERALLY	FC.02	TECTIVA 'TE30', SIZE: 8mm x 2500mm x 1220mm, THICKNESS: 12mm, CONCEAL FIX		SOFFIT LINING - GENERALLY	SL.01	KEY INK - DIGITAL PRINT, ENDURA, CLASSIC 'TUROSSA OAK', PERFORATION: KP1, NON-COMBUSTIBLE					
STEEL COLUMNS	SC	NATURAL GALVANISED		WINDOW AND DOOR FRAMES - POWDER COATED ALUMINIUM	PC.01	DURATEC ZEUS 'MONUMENT'MATT 90Z8189M					

EJE ARCHITECTURE

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A 412 KING STREET, NEWCASTLE, NSW 2300

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| REV | DATE | COMMENTS
A 04/10/2022	Issue For PRE-DA
B 07/02/2023	Issue for Pre-DA1
C 21/02/2023	ISSUE FOR PRE-DA REVIEW
D 01/03/2023	ISSUE FOR PRE-DA1
E 14/04/2023	ISSUE FOR DA
F 28/08/2023	REVISED ISSUE FOR DA
G 04/09/2023	ISSUE FOR DA

DRN CHKD
MJD HN

| | | VRFD |

Hunter River High School Upgrade

NSW

School Infrastructure

36 Elkin Ave, Heatherbrae, 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: DRAWN: DATE: SCALES:

14276 MJD 04/09/2023 As indicated@A1

PHASE: BUILDING ID: Level No: DRAWING No:





LEGEND

EXISTING SITE

- LEARNING SPACES



- DEMOUNTABLES



- LIBRARY



- HALL



- AMENITIES

- CANTEEN



- ADMINISTRATION/ STAFF

- STORAGE/ SERVICES



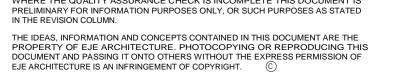
TOTAL SITE AREA -91456.5m²

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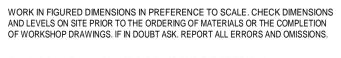
| DRN | CHKD | VRFD | PROJECT MJD HN MJD HN

Hunter River High School Upgrade

> School Infrastructure NSW

36 Elkin Ave, Heatherbrae, 2324

Site Analysis - Existing Site



Autodesk Docs://Hunter River High School/HRHS-EJE-ZZ-ZZ-M3-A-0001.rvt PROJECT No: MJD 04/09/2023 As indicated @ A1 14276

GF A-DA-001





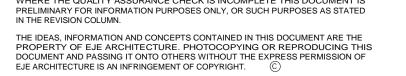


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| DRN | CHKD | VRFD | PROJECT MJD HN MJD HN

NSW

Hunter River High School Upgrade

School Infrastructure

36 Elkin Ave, Heatherbrae, 2324

Site Analysis - Natural Environment, Movement & Access

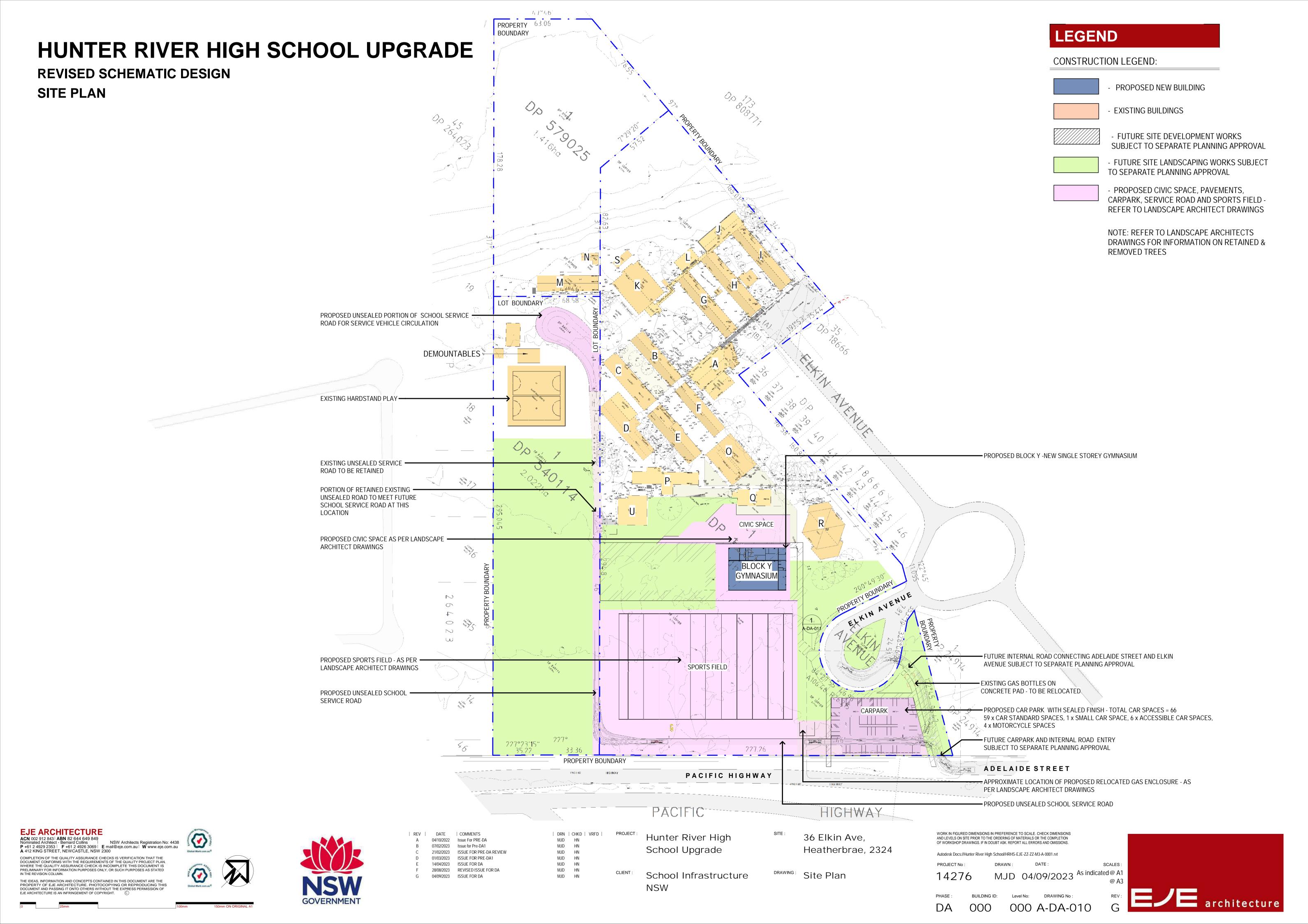
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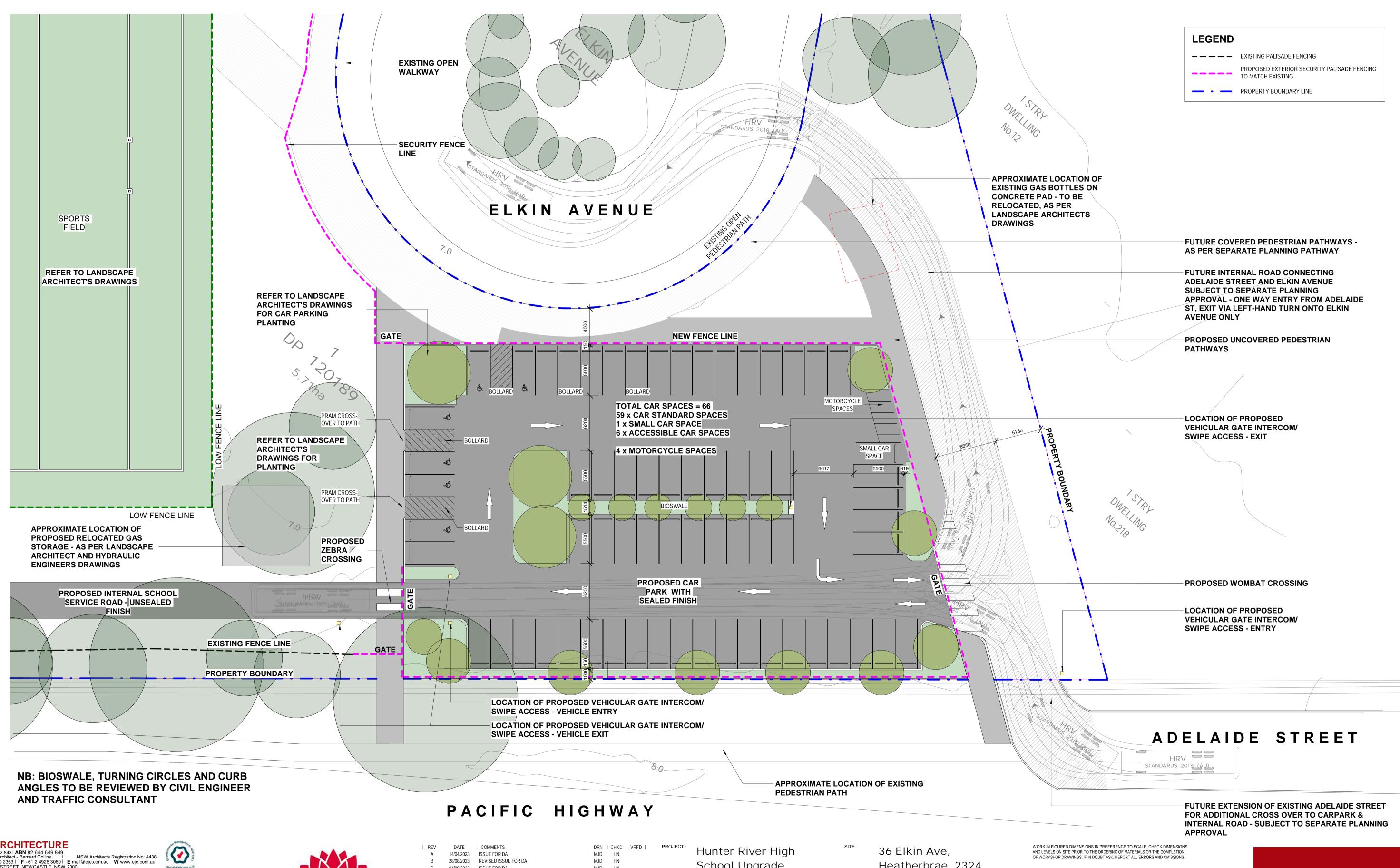
PHASE: A-DA-002 DA





HUNTER RIVER HIGH SCHOOL UPGRADE

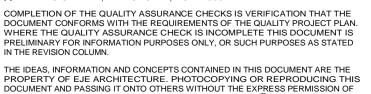
REVISED SCHEMATIC DESIGN **CAR PARKING PLAN**



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School Upgrade

NSW

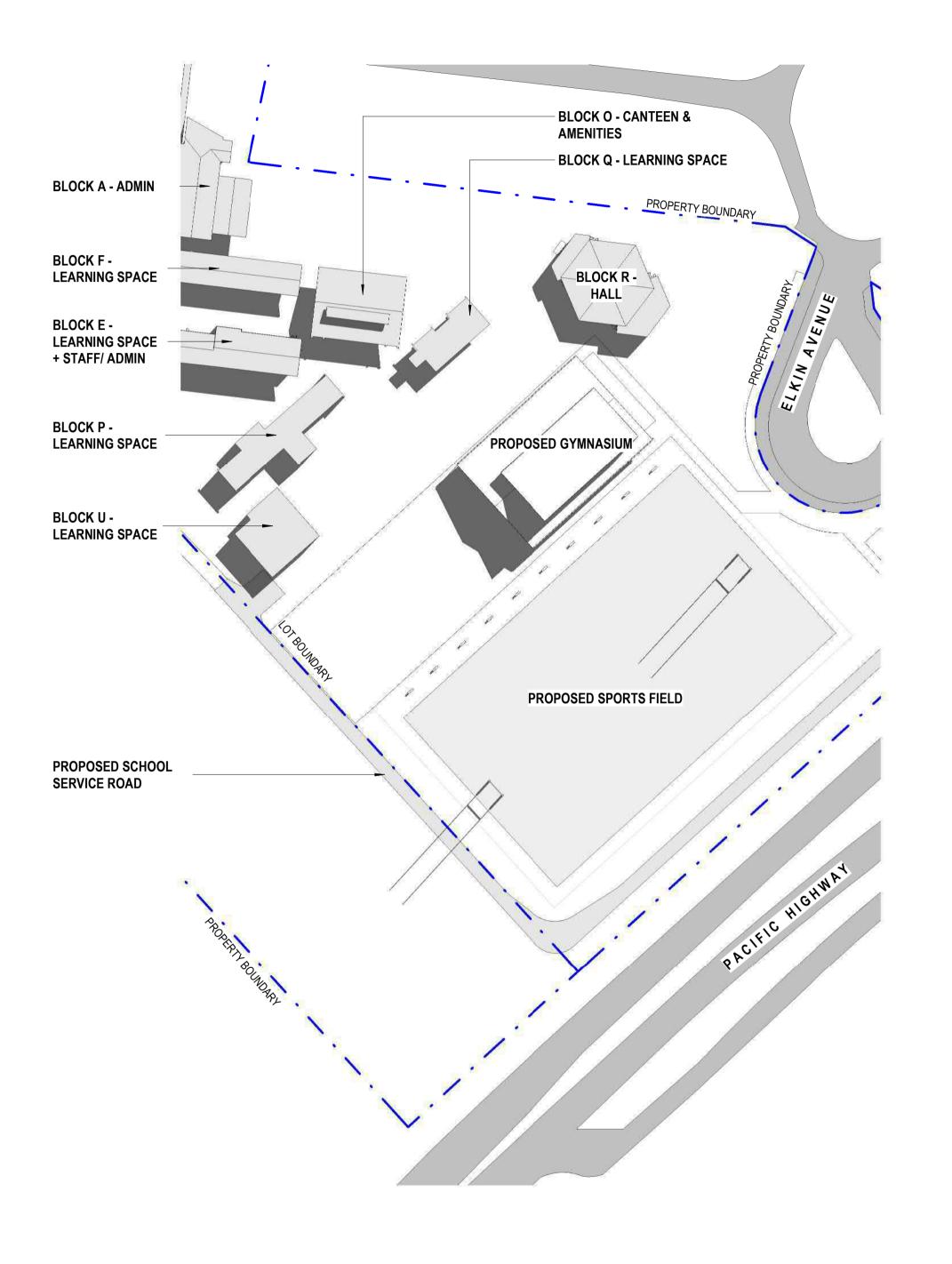
School Infrastructure

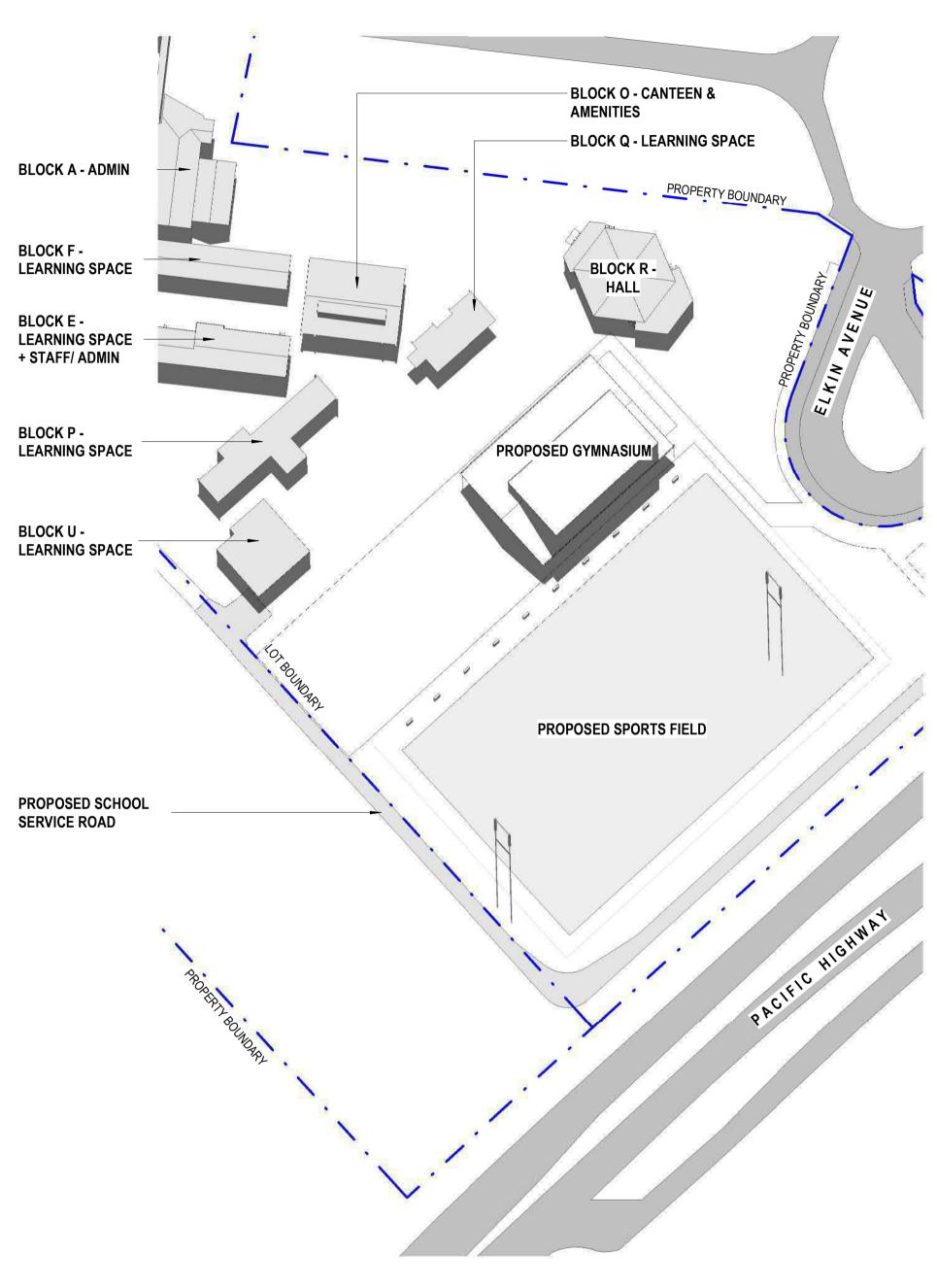
Heatherbrae, 2324 Car Parking Plan

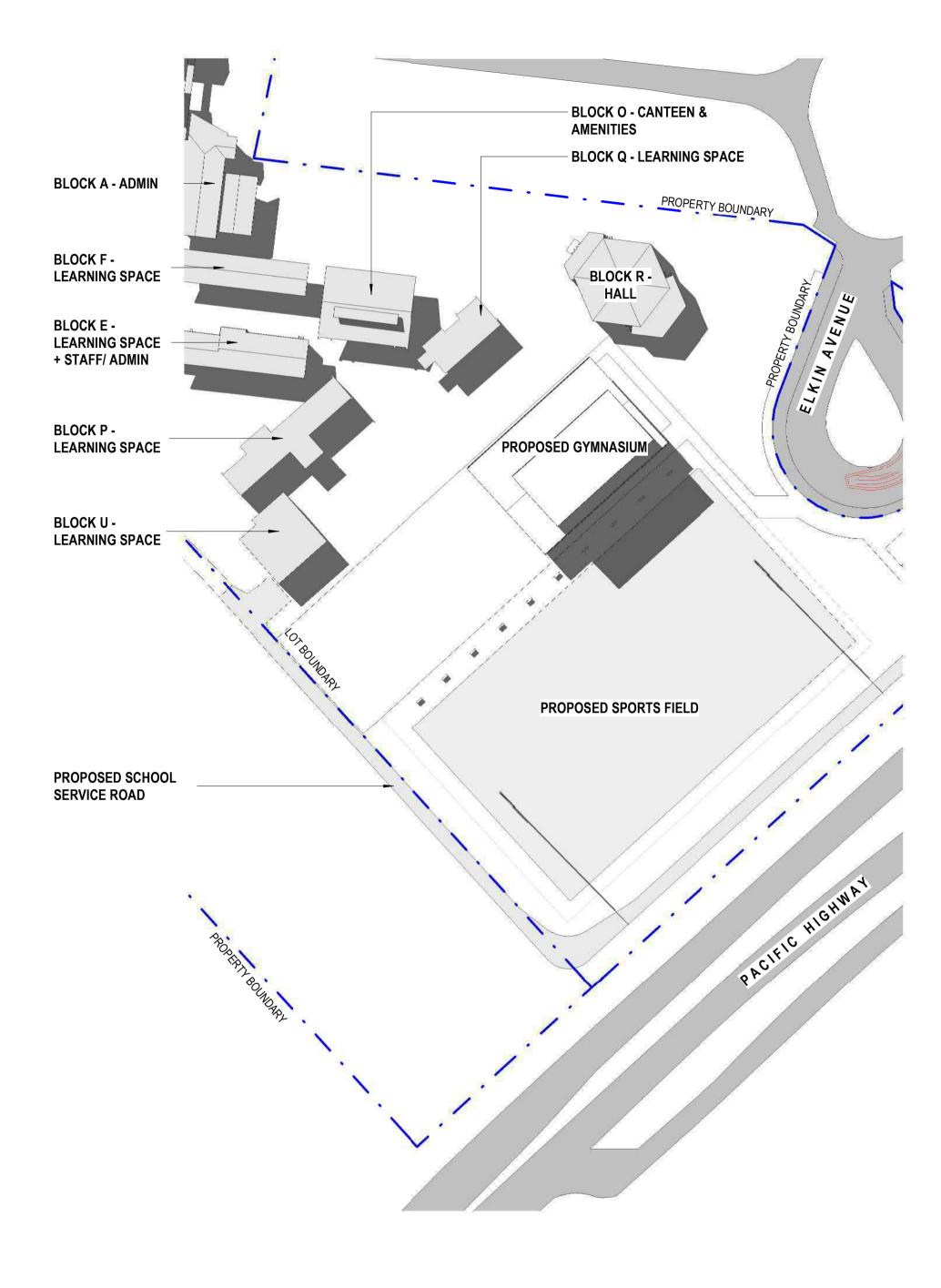
Autodesk Docs://Hunter River High School/HRHS-EJE-ZZ-ZZ-M3-A-0001.rvt PROJECT No: 14276 MJD 04/09/2023

PHASE:









Gymnasium Shadow Diagrams - Winter 9AM

Gymnasium Shadow Diagrams - Winter 12PM

Gymnasium Shadow Diagrams - Winter 3PM

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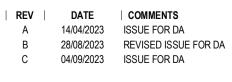
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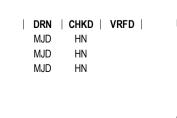
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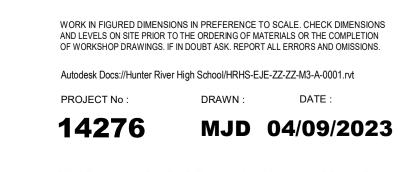
Hunter River High School Upgrade

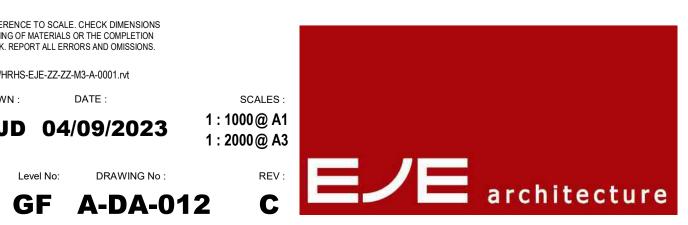
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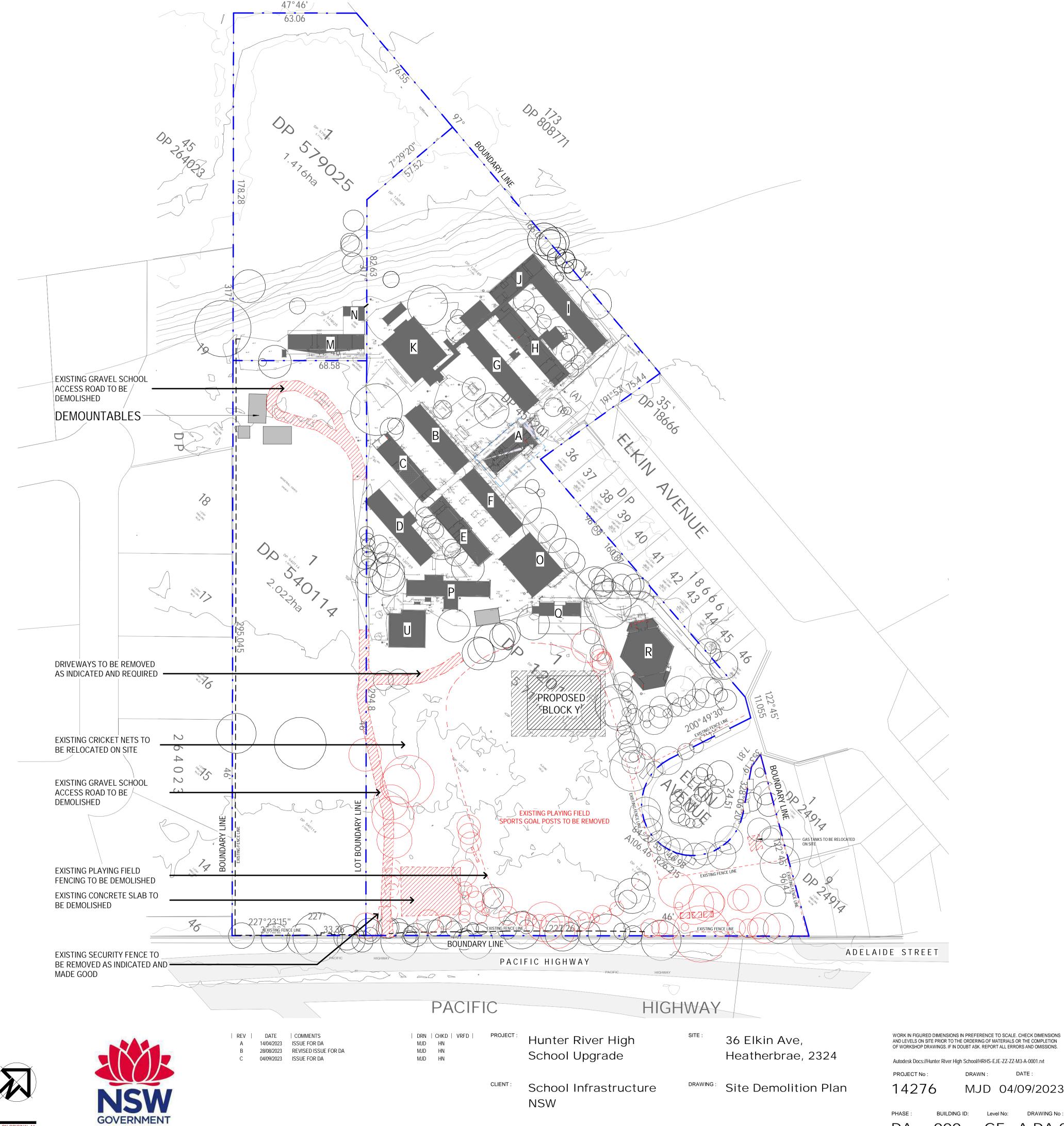
School Infrastructure

36 Elkin Ave, Heatherbrae, 2324

Shadow Diagrams







LEGEND

DEMOLITION/CONSTRUCTION LEGEND:



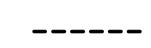
- EXISTING TREES TO BE RETAINED





- TREES TO BE REMOVED

- TO BE DEMOLISHED



- EXISTING FENCING TO BE RETAINED



- PROPERTY BOUNDARY LINE



- EXISTING BUILDINGS



- NEW CONSTRUCTION



- TO BE DEMOLISHED

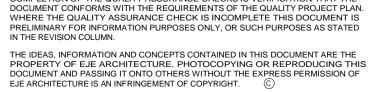
NOTE:

REFER TO LANDSCAPE ARCHITECT AND ARBORIST ADVICE ON DETAILED INFORMATION PERTAINING TO TREE REMOVAL AND RETENTION

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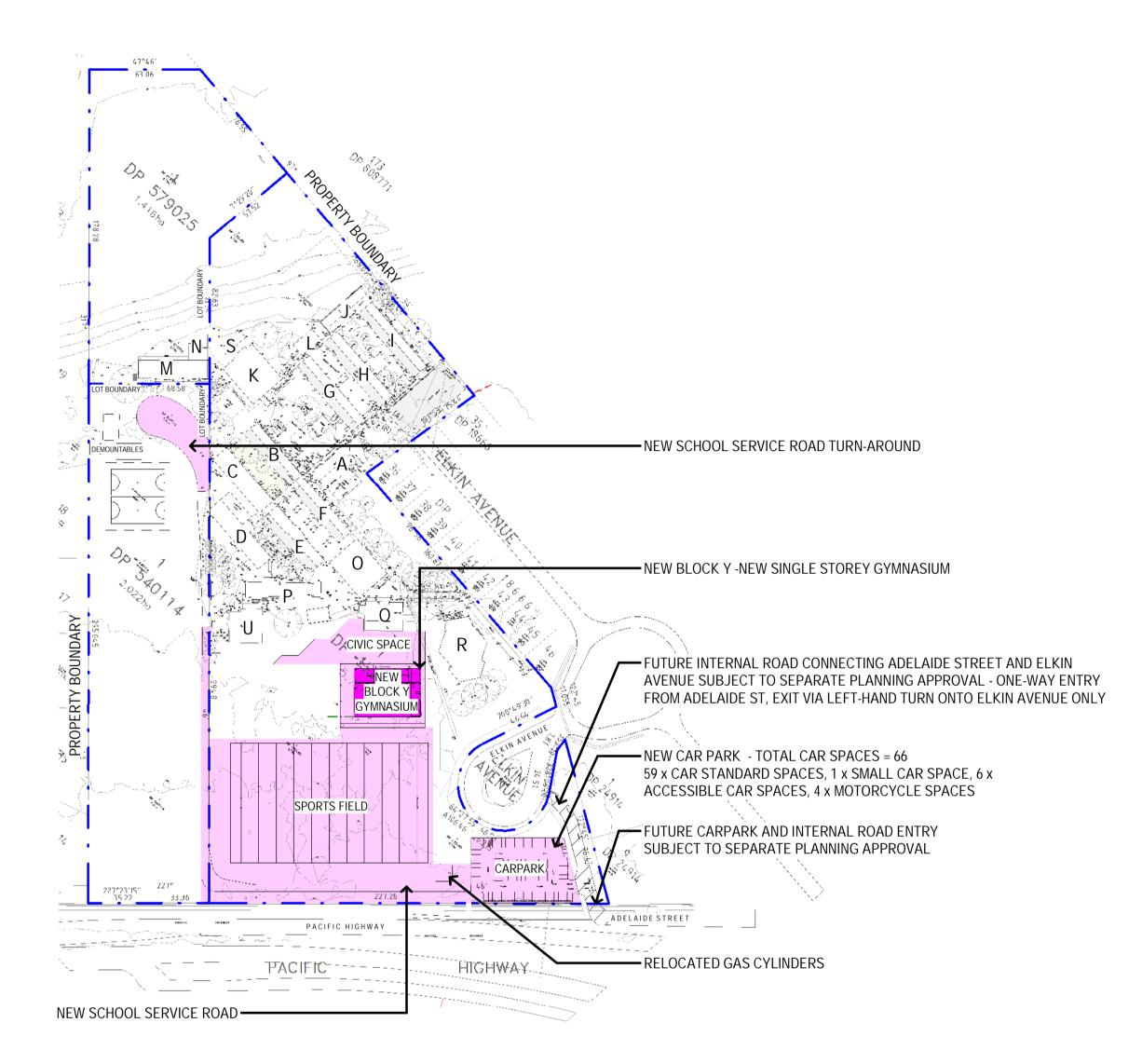
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HUNTER RIVER HIGH SCHOOL UPGRADE

REVISED SCHEMATIC DESIGN NOTIFICATION PLAN







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NORTH ELEVATION - GYMNASIUM 1: 200



3 SOUTH ELEVATION - GYMNASIUM

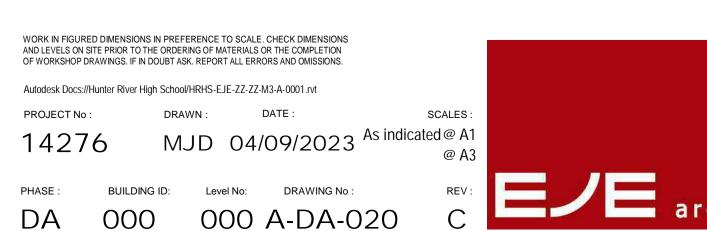


4 EAST ELEVATION - GYMNASIUM 1:200



WEST ELEVATION - GYMNASIUM 1:200

DRN CHKD VRFD MJD HN MJD HN MJD HN	PROJECT:	Hunter River High School Upgrade	SITE:	36 Elkin Ave, Heatherbrae, 2324
	CLIENT:	School Infrastructure NSW	DRAWING :	Notification Plan



HUNTER RIVER HIGH SCHOOL

VISUAL IMPACT ASSESSMENT

Prepared by EJE Architecture APRIL 2023

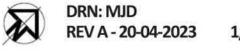




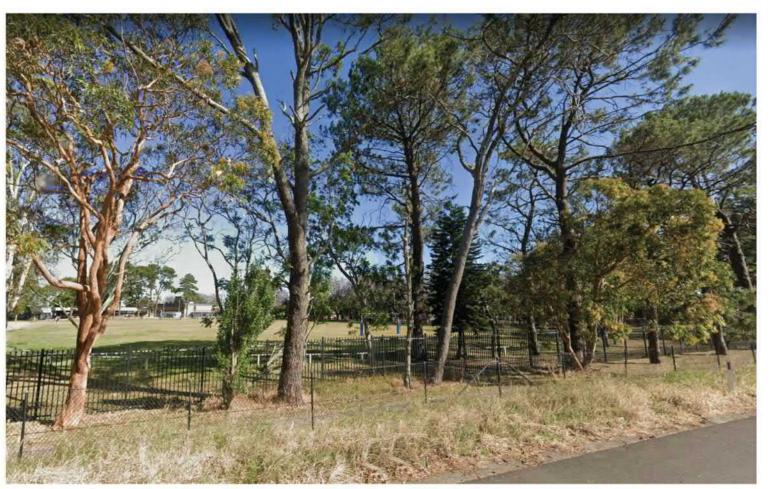
KEY PLAN

Note: cladding artwork shown is indicative only and subject to consultation and final design approval with school community and local Indigenous Community Representatives.



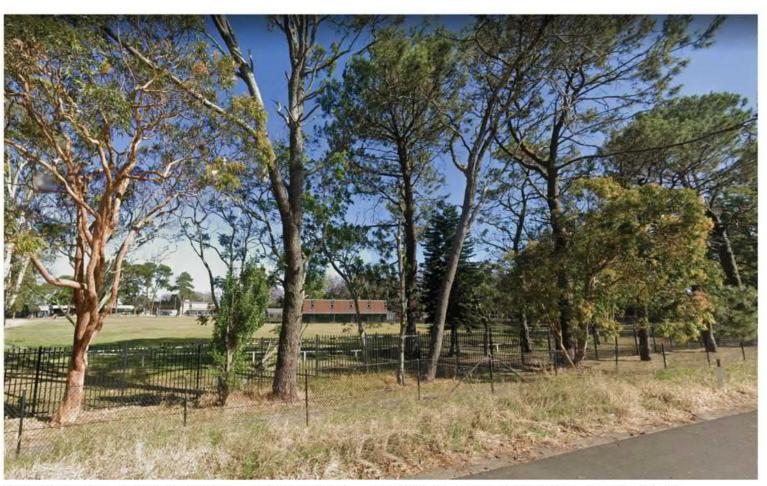








EXISTING PERSPECTIVE - VIEW FROM PACIFIC HIGHWAY





PROPOSED GYMNASIUM BUILDING - VIEW FROM PACIFIC HIGHWAY

HUNTER RIVER HIGH SCHOOL

VISUAL IMPACT ASSESSMENT





KEY PLAN

Note: cladding artwork shown is indicative only and subject to consultation and final design approval with school community and local Indigenous Community Representatives.









EXISTING PERSPECTIVE - VIEW FROM ELKIN AVENUE





PROPOSED GYMNASIUM BUILDING - VIEW FROM ELKIN AVENUE

GYMNASIUM GROUND FLOOR PLAN (15) 7500 40000 7500 7500 5795 2665 **ROOF LINE OVER** ROOF LINE OVER **Covered Outdoor BUBBLERS TO EFSG DESIGN** - MECH. PLANT - REFER TO ENGINEERS ACOUSTIC LOUVRES DRAWING FOR DETAILS **GUIDELINES - REFER TO** Walkway FIXTURES AND FINISHES W Y.G.20 W Y.G.18 SCHEDULE FOR DETAILS SLSO **CInr Comms Room** YR0003 Large Equip. Store Services Rm Canteen Kitchen 15.18 m² Garden/ Bulk Store 9.96 m² 6.52 m² CPT.01 31.99 m² 14.62 m² 54.56 m² 19.13 m² CONC. VF.02 VF.01 (J.10) -MECH. Staff ACC. 8.39 m² TL.01 Sports Equip. REFER TO LANDSCAPE W Y.G.15 First Aid Sound Cupboard ARCHITECT DRAWINGS 23.62 m² FOR PATHWAYS AND 14.22 m² LANDSCAPING DETAILS VF.01 CPT.01 **Chair Store** Change/Shower - F 27.31 m² VF.03 Annex Access. 1.81 m² CONC.01 Acc. WC 7.28 m² LADDER ACCESS TO UPPER LEVEL HOT WATER PLANT -FOR COORDINATION A-DA-20 2 Change/Shower - M Basketball Court 42.47 m² TL.04 421.85 m² ---TSF.01--DIAGONAL HATCH INDICATIVE OF HYDRAULIC HW PLANT IN **VOID ABOVE CEILING** Outdoor Sport Store RECESSED AV FLOOR BOX WITH HEAVY DUTY **BUBBLERS TO EFSG DESIGN** FLUSH (NON-SLIP) COVER PLATE. LOCATE **GUIDELINES - REFER TO** /17.04 m²/ OUTSIDE OF COURT LINE MARKINGS AND TO FIXTURES AND FINISHES CONC. SUPERINTENDENT APPROVAL SCHEDULE FOR DETAILS (K) **Covered Outdoor** Walkway **ROOF LINE OVER** 1910 28000 BASKETBALL COURT A-DA-201 (15) (18) 21

LEGEND

ABBREVIATIONS

CONCRETE COLUMN AS SCHEDULED BY ENG.

STEEL COLUMN AS SCHEDULED BY ENG.
FIRE RATED STEEL COLUMN CONCRETE CIRCULAR COLUMN AS SCHEDULED BY ENG.

FLOOR FINISH LEVEL

BALUSTRADE 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 SCHEDULE

TSF.01- TIMBER SPRUNG FLOORING AS SCHEDULE

STANDARD TAGS TOP LINE IS THE "WINDOW IDENTIFIER" BOTTOM LINE IS THE "LEVEL.WINDOW NUMBER"

TOP LINE IS THE "DOOR IDENTIFIER" BOTTOM LINE IS THE "LEVEL.DOOR NUMBER" ie. (G) GROUND LEVEL. (01) DOOR 1 ON THAT LEVEL "WALL MAKEUP/TYPE IDENTIFIER.WALL TYPE NUMBER" SD.1 ie. (S) STEEL STUD (D) 92mm . (1) TYPE 1 "JOINERY IDENTIFER.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 REVISION TAG

ie. COMMENT MIGHT BE "DOOR ADDED"

IN TRIANGLE IS REVISION NUMBER
OUTSIDE TRIANGLE IS CHANGE COMMENT



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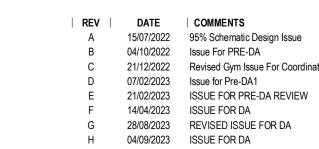
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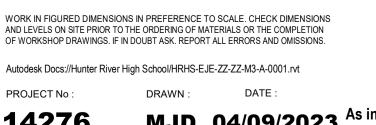
Hunter River High School Upgrade

NSW

School Infrastructure

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Gymnasium - Block Y -**Ground Floor Plan**

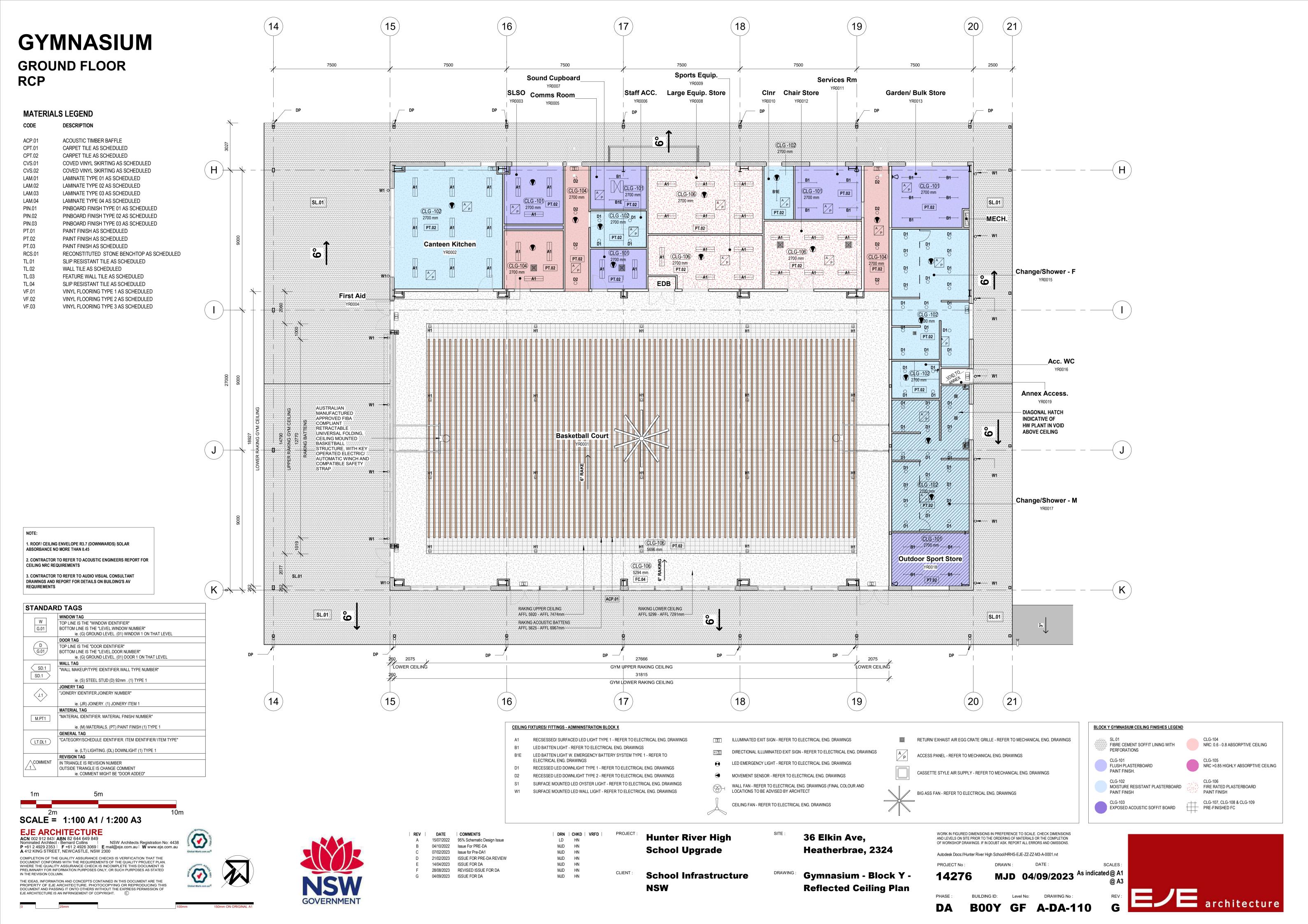


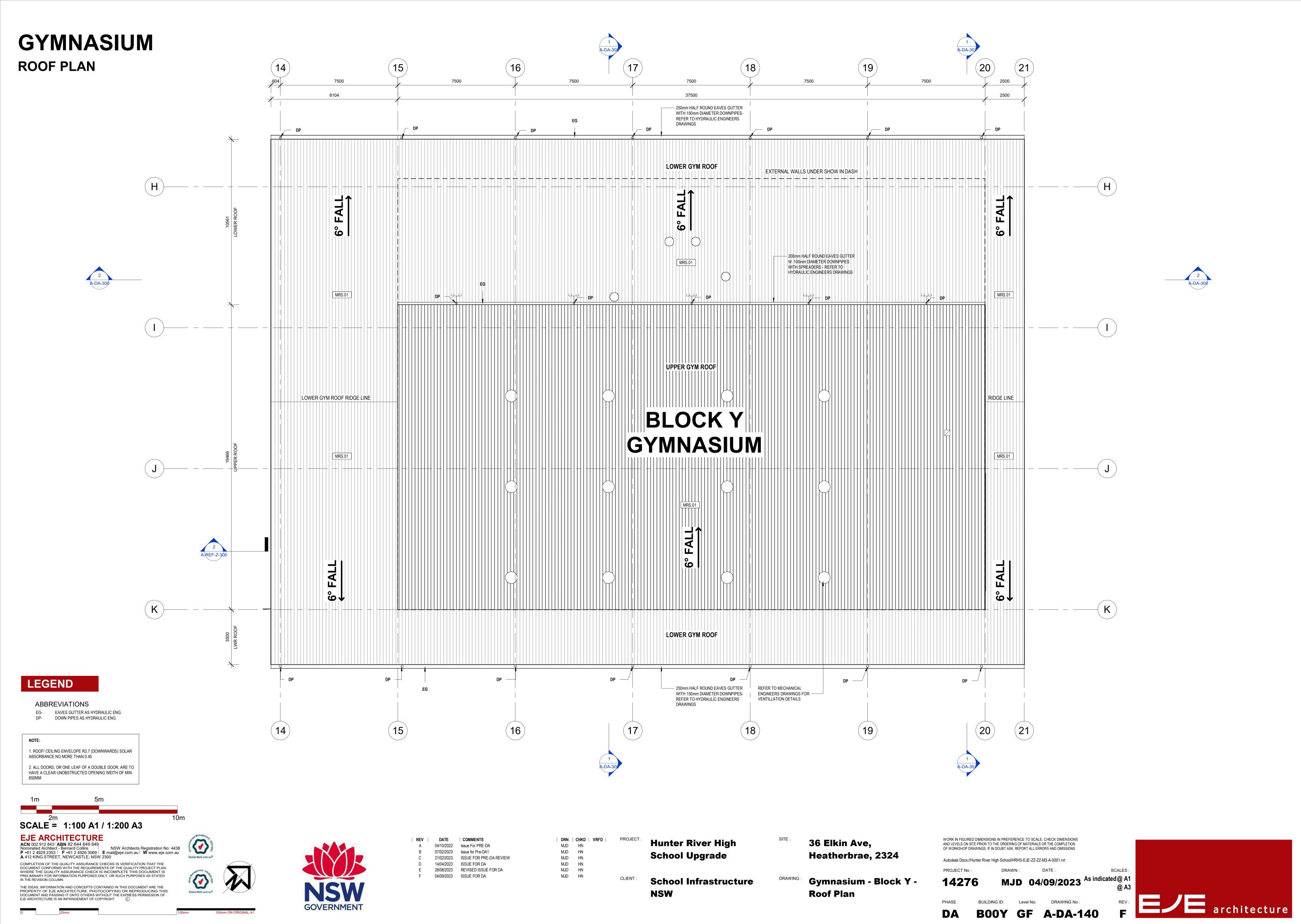
COL.

PROJECT No: MJD 04/09/2023 As indicated @ A1 14276

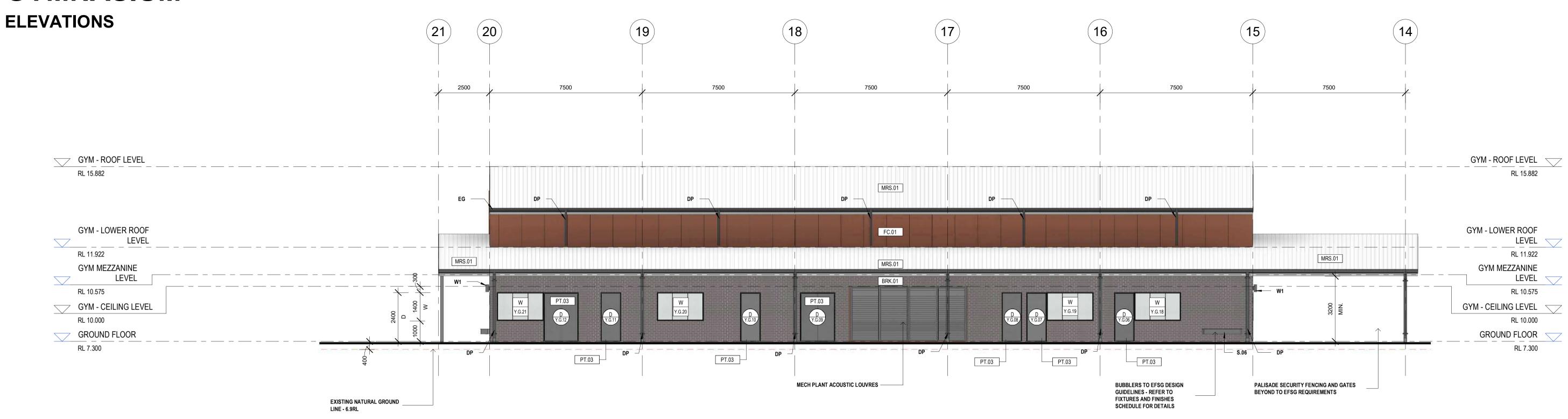
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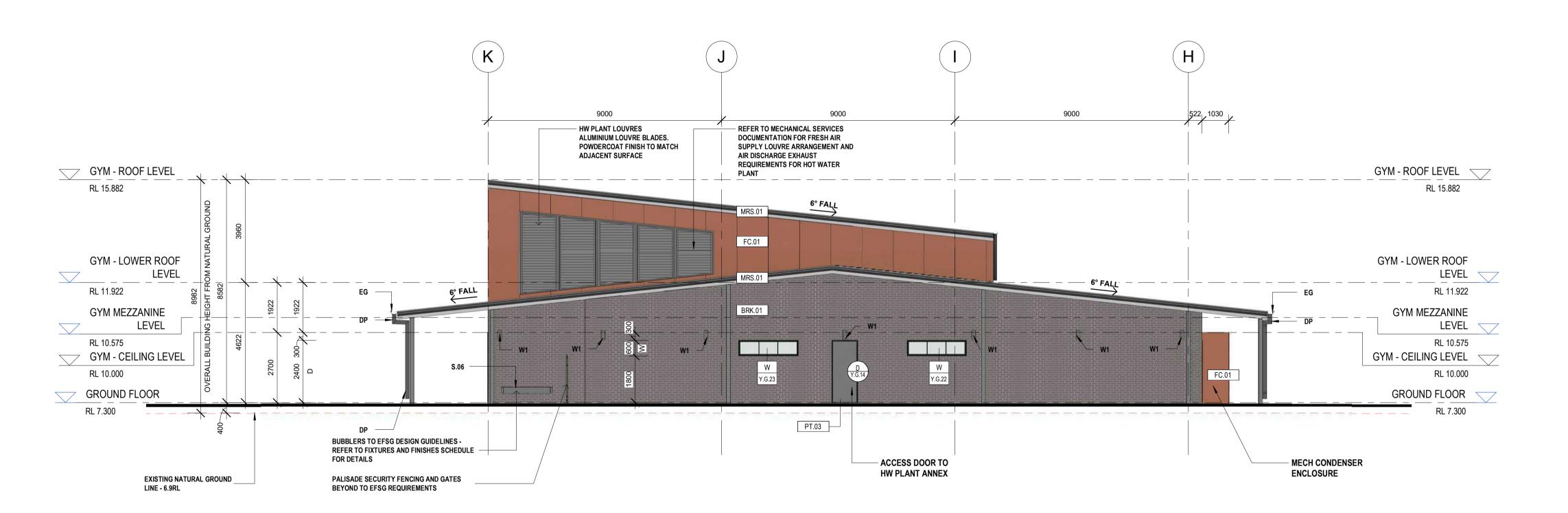




GYMNASIUM







Gym East Elevation

ie. (G) GROUND LEVEL. (01) WINDOW 1 ON THAT LEVEL TOP LINE IS THE "DOOR IDENTIFIER" BOTTOM LINE IS THE "LEVEL.DOOR NUMBER" ie. (G) GROUND LEVEL. (01) DOOR 1 ON THAT LEVEL "WALL MAKEUP/TYPE IDENTIFIER.WALL TYPE NUMBER" SD.1 "JOINERY IDENTIFER.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 "CATEGORY/SCHEDULE IDENTIFIER. ITEM IDENTIFIER/ ITEM TYPE" LT.DL1 ie. (LT) LIGHTING. (DL) DOWNLIGHT (1) TYPE 1 IN TRIANGLE IS REVISION NUMBER OUTSIDE TRIANGLE IS CHANGE COMMENT ie. COMMENT MIGHT BE "DOOR ADDED" <u></u> COMMENT

TOP LINE IS THE "WINDOW IDENTIFIER" BOTTOM LINE IS THE "LEVEL.WINDOW NUMBER"

LEGEND

FINISHES CODES

STANDARD TAGS

- ALUMINIUM BALUSTRADE WITH PC FINISH - ALUMINIUM DOOR & WINDOW FRAMES, SASHES, MULLIONS - FACE BRICK AS SCHEDULED & TO COMPLY WITH AS.3700

- ALUMINIUM PERFORATED SCREEN AS SCHEDULE SN. # - STAIR NOSING AS SCHEDULED - TACTILE GROUND SURFACE INDICATORS TGSI.#

MS. # - PREFINISHED METAL SHEETING AS SCHEDULED MRS.# - PREFINISHED METAL ROOF SHEETING AS SCHEDULED MS.# - EAVES SOFFIT LININGS

DP.# - RAINWATER DOWNPIPE EG.# - RAINWATER GUTTERING

CONC.# - CONCRETE SLAB / BEAMS / STAIRS/ PATHWAY AS SCHEDULED COL.# -CONCRETE COLUMNS AS SCHEDULE FC.#

- PREFINISHED FC SHEETING AS SCHEDULE BLK.# - BLOCK WORK PT.# - PAINT FINISH AS SCHEDULED

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

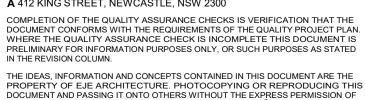
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A 412 KING STREET, NEWCASTLE, NSW 2300







REV	DATE	COMMENTS
Α	15/07/2022	95% Schematic Design Is:
В	04/10/2022	Issue For PRE-DA
С	07/02/2023	Issue for Pre-DA1
D	21/02/2023	ISSUE FOR PRE-DA RE\
Е	14/04/2023	ISSUE FOR DA
F	28/08/2023	REVISED ISSUE FOR DA
G	04/09/2023	ISSUE FOR DA

1	DRN	CHKD	VRFD	PR
	LD	HN		
	MJD	HN		CI
	MJD	HN		OL

Hunter River High School Upgrade

NSW

School Infrastructure

36 Elkin Ave, Heatherbrae, 2324

Gymnasium - Block Y -**Elevations - Sheet 1**

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

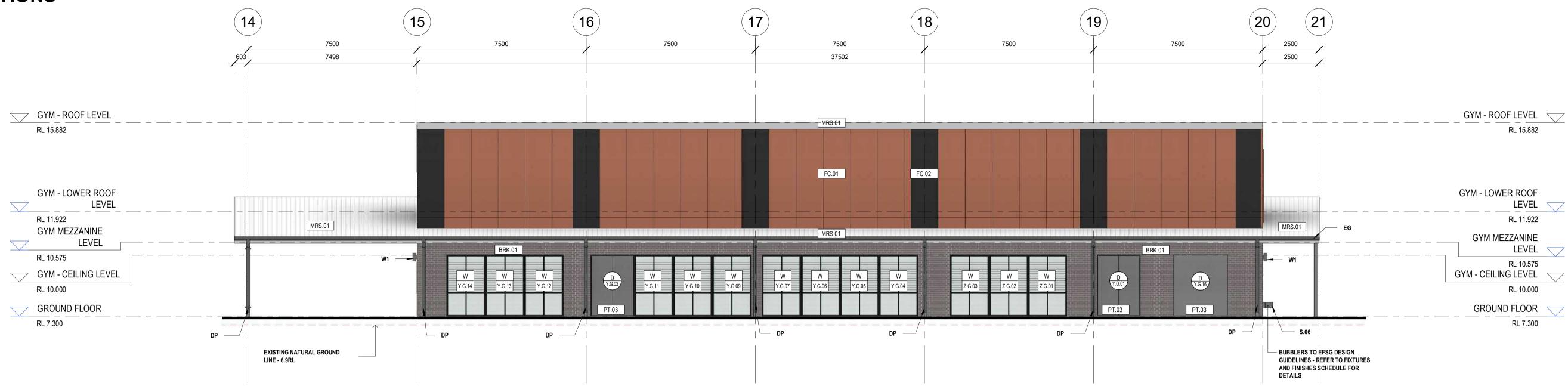
PROJECT No: SCALES: MJD 04/09/2023 As indicated @ A1 14276 @ A3

PHASE **B00Y GF A-DA-200**

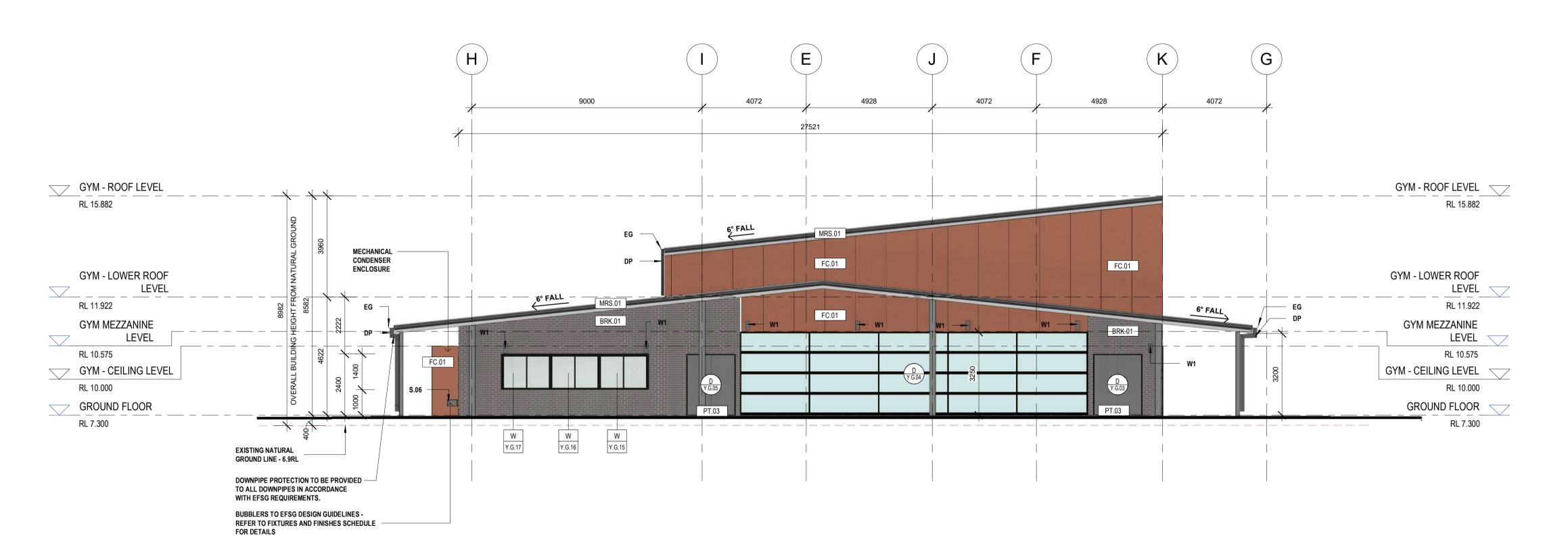


GYMNASIUM

ELEVATIONS









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REV	DATE	COMMENTS
Α	04/10/2022	Issue For PRE-DA
В	07/02/2023	Issue for Pre-DA1
С	21/02/2023	ISSUE FOR PRE-DA REVIEW
D	14/04/2023	ISSUE FOR DA
E	28/08/2023	REVISED ISSUE FOR DA
F	04/09/2023	ISSUE FOR DA

DRN	CHKD	VRFD	PROJECT :
MJD	HN		
MJD	HN		CLIENT:

Hunter River High School Upgrade

NSW

36 Elkin Ave, Heatherbrae, 2324 **School Infrastructure**

Gymnasium - Block Y -**Elevations - Sheet 2**

BOTTOM LINE IS THE "LEVEL.DOOR NUMBER" ie. (G) GROUND LEVEL. (01) DOOR 1 ON THAT LEVEL "WALL MAKEUP/TYPE IDENTIFIER.WALL TYPE NUMBER" SD.1 "JOINERY IDENTIFER.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 "CATEGORY/SCHEDULE IDENTIFIER. ITEM IDENTIFIER/ ITEM TYPE" LT.DL1 ie. (LT) LIGHTING. (DL) DOWNLIGHT (1) TYPE 1 REVISION TAG <u></u> COMMENT IN TRIANGLE IS REVISION NUMBER OUTSIDE TRIANGLE IS CHANGE COMMENT ie. COMMENT MIGHT BE "DOOR ADDED"

TOP LINE IS THE "WINDOW IDENTIFIER" BOTTOM LINE IS THE "LEVEL.WINDOW NUMBER"

TOP LINE IS THE "DOOR IDENTIFIER"

ie. (G) GROUND LEVEL. (01) WINDOW 1 ON THAT LEVEL

LEGEND

STANDARD TAGS

FINISHES CODES

PC.# - ALUMINIUM DOOR & WINDOW FRAMES, SASHES, MULLIONS - FACE BRICK AS SCHEDULED & TO COMPLY WITH AS:3700 BRK.# ALS.# - ALUMINIUM PERFORATED SCREEN AS SCHEDULE - STAIR NOSING AS SCHEDULED SN. # - TACTILE GROUND SURFACE INDICATORS TGSI.# MS. # - PREFINISHED METAL SHEETING AS SCHEDULED MRS.# - PREFINISHED METAL ROOF SHEETING AS SCHEDULED

- ALUMINIUM BALUSTRADE WITH PC FINISH

MS.# - EAVES SOFFIT LININGS DP.# - RAINWATER DOWNPIPE EG.# - RAINWATER GUTTERING - CONCRETE SLAB / BEAMS / STAIRS/ PATHWAY AS SCHEDULED

COL.# -CONCRETE COLUMNS AS SCHEDULE - PREFINISHED FC SHEETING AS SCHEDULE FC.# - BLOCK WORK

- PAINT FINISH AS SCHEDULED

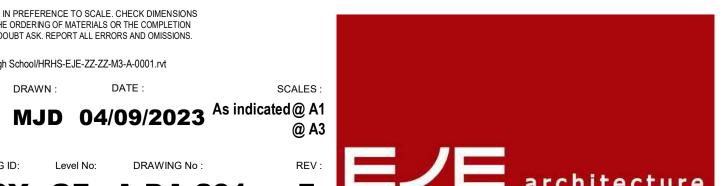
NOTE:

PT.#

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**



PHASE: **B00Y GF A-DA-201**

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

GYMNASIUM SECTIONS Н 2506 9000 9000 9000 19465 10561 GYM - ROOF LEVEL RL 15.882 REFER TO ENGINEERS DOCUMENTATION

FOR STRUCTURAL DETAILS -

6° FALL

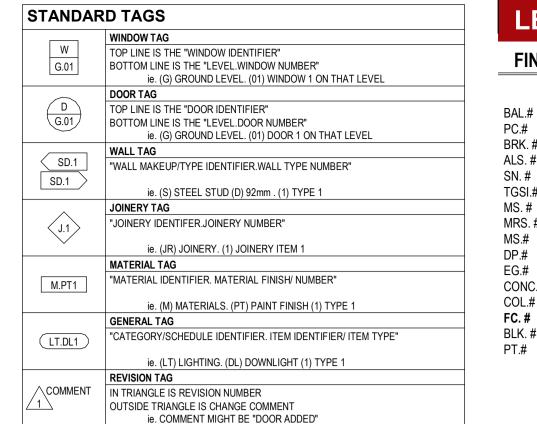
Sound Cupboard

Staff ACC.

Comms Room

D Y.G.26

D Y.G.27



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

- PAINT FINISH AS SCHEDULED

GYMNASIUM BUILDING FABRIC REQUIREMENTS

- ALL ROOF TO HAVE TOTAL CONSTRUCTION R-VALUE OF Rt3.7 (SA<0.45) (DOWNWARD)
- **ENVELOPE WALLS TO HAVE TOTAL CONSTRUCTION R-VALUE OF Rt1.4** ENVELOPE FLOORS (INCLUDING SLAB ON GROUND) TO HAVE TOTAL CONSTRUCTION R-
- VALUE OF Rt2.0 (DOWNWARD)
- 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)

GYM - Section 1

A-2-400

GYM - LOWER ROOF

GYM MEZZANINE

GYM - CEILING LEVEL

RL 11.922

RL 10.575

RL 10.000

GROUND FLOOR

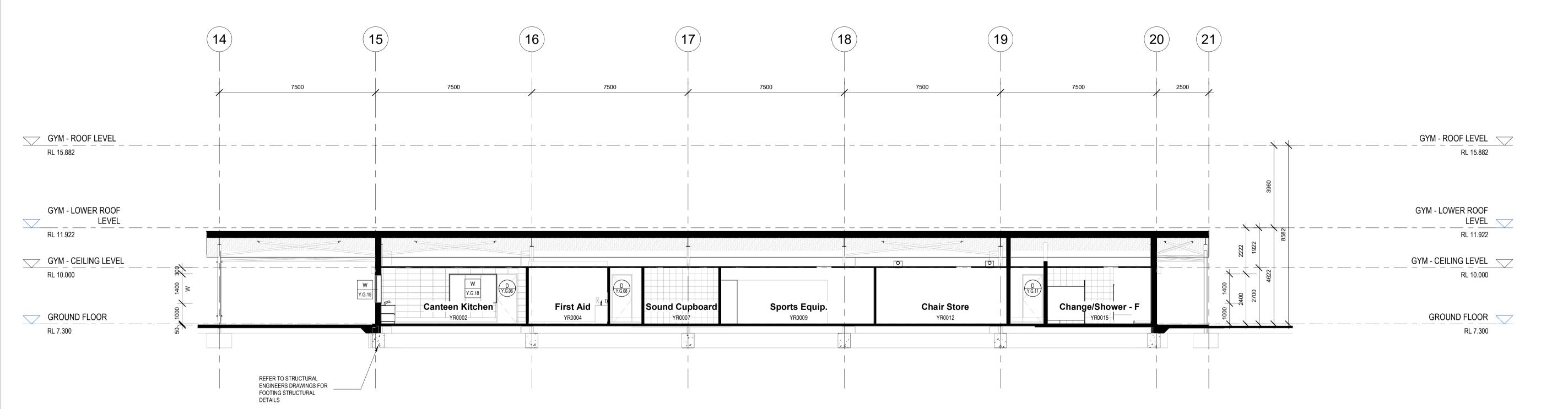
RL 7.300

LEVEL

REFER TO STRUCTURAL **ENGINEERS DRAWINGS FOR**

FOOTING STRUCTURAL

DETAILS



ACOUSTIC BATTENS ---

Basketball Court

YR0001

UPPER CEILING ---

LOWER CEILING-

2 GYM - Section 2

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В	07/02/2023	Issue for Pre-DA1
С	21/02/2023	ISSUE FOR PRE-DA REVIE
D	14/04/2023	ISSUE FOR DA
Ε	28/08/2023	REVISED ISSUE FOR DA
F	04/09/2023	ISSUE FOR DA

[RN	CHKD		VRFD	PROJE
Λ	ΛJD	HN			
Λ	ΛJD	HN			
Ν	ΛJD	HN			
Ν	ΛJD	HN			
Ν	/JD	HN			
٨	ΛJD	HN			CLIEN

Hunter River High School Upgrade

NSW

3500

3499

A-2-400

- DOWNPIPE PROTECTION TO BE

PROVIDED TO ALL DOWNPIPES IN ACCORDANCE WITH EFSG REQUIREMENTS.

GYM - ROOF LEVEL

GYM - LOWER ROOF

GYM MEZZANINE

GYM - CEILING LEVEL

RL 15.882

LEVEL

LEVEL ___

RL 11.922

RL 10.575

RL 10.000

RL 7.300

GROUND FLOOR

School Infrastructure

Heatherbrae, 2324 Gymnasium - Block Y -

Sections - Sheet 1

36 Elkin Ave,

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

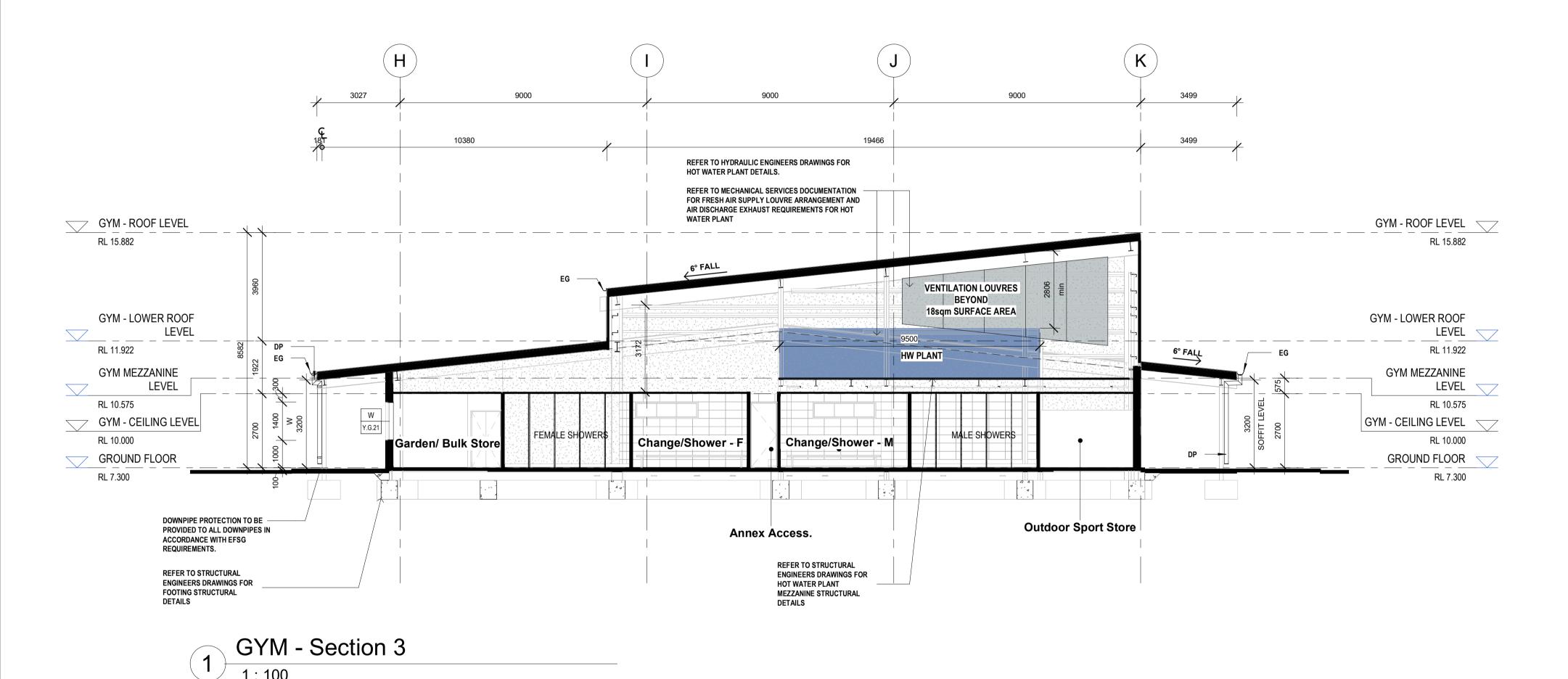
PROJECT No: SCALES: MJD 04/09/2023 As indicated @ A1 14276 @ A3

PHASE: **GF A-DA-300**



GYMNASIUM

SECTIONS



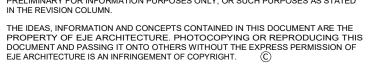
EJE ARCHITECTURE

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DATE | COMMENTS 14/04/2023 ISSUE FOR DA 28/08/2023 REVISED ISSUE FOR DA 04/09/2023 ISSUE FOR DA

DRN | CHKD | VRFD | MJD HN MJD HN MJD HN

Hunter River High

NSW

School Upgrade

School Infrastructure

Heatherbrae, 2324

Gymnasium - Block Y -Section - Sheet 2

36 Elkin Ave,

ie. (JR) JOINERY. (1) JOINERY ITEM 1 MATERIAL TAG "MATERIAL IDENTIFIER. MATERIAL FINISH/ NUMBER" CONC.# ie. (M) MATERIALS. (PT) PAINT FINISH (1) TYPE 1 **GENERAL TAG** "CATEGORY/SCHEDULE IDENTIFIER. ITEM IDENTIFIER/ ITEM TYPE" PT.# **REVISION TAG** COMMENT IN TRIANGLE IS REVISION NUMBER OUTSIDE TRIANGLE IS CHANGE COMMENT ie. COMMENT MIGHT BE "DOOR ADDED"

LEGEND

FINISHES CODES

- ALUMINIUM BALUSTRADE WITH PC FINISH - ALUMINIUM DOOR & WINDOW FRAMES, SASHES, MULLIONS - FACE BRICK AS SCHEDULED & TO COMPLY WITH AS:3700 ALS.# - ALUMINIUM PERFORATED SCREEN AS SCHEDULE SN. # - STAIR NOSING AS SCHEDULED TGSI.# - TACTILE GROUND SURFACE INDICATORS

MS.# - PREFINISHED METAL SHEETING AS SCHEDULED MRS.# - PREFINISHED METAL ROOF SHEETING AS SCHEDULED - EAVES SOFFIT LININGS MS.# DP.# - RAINWATER DOWNPIPE EG.# - RAINWATER GUTTERING

- CONCRETE SLAB / BEAMS / STAIRS/ PATHWAY AS SCHEDULED COL.# -CONCRETE COLUMNS AS SCHEDULE FC. # - PREFINISHED FC SHEETING AS SCHEDULE BLK.#

- BLOCK WORK - PAINT FINISH AS SCHEDULED

GYMNASIUM BUILDING FABRIC REQUIREMENTS

TOP LINE IS THE "WINDOW IDENTIFIER"

TOP LINE IS THE "DOOR IDENTIFIER"

"JOINERY IDENTIFER.JOINERY NUMBER"

WALL TAG

JOINERY TAG

BOTTOM LINE IS THE "LEVEL.WINDOW NUMBER"

BOTTOM LINE IS THE "LEVEL.DOOR NUMBER"

"WALL MAKEUP/TYPE IDENTIFIER.WALL TYPE NUMBER"

ie. (S) STEEL STUD (D) 92mm . (1) TYPE 1

ie. (G) GROUND LEVEL. (01) WINDOW 1 ON THAT LEVEL

ie. (G) GROUND LEVEL. (01) DOOR 1 ON THAT LEVEL

STANDARD TAGS

SD.1

M.PT1

- ALL ROOF TO HAVE TOTAL CONSTRUCTION R-VALUE OF Rt3.7 (SA<0.45) (DOWNWARD)
- **ENVELOPE WALLS TO HAVE TOTAL CONSTRUCTION R-VALUE OF Rt1.4**
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- ROOF SOLAR ABSORBANCE MUST BE NO MORE THAN 0.45 (LIGHTER COLOUR)

WORK IN FIGURED DIMENSIONS IN PREFERENCE TO SCALE. CHECK DIMENSIONS

DRAWING No:

GF A-DA-301

AND LEVELS ON SITE PRIOR TO THE ORDERING OF MATERIALS OR THE COMPLETION

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