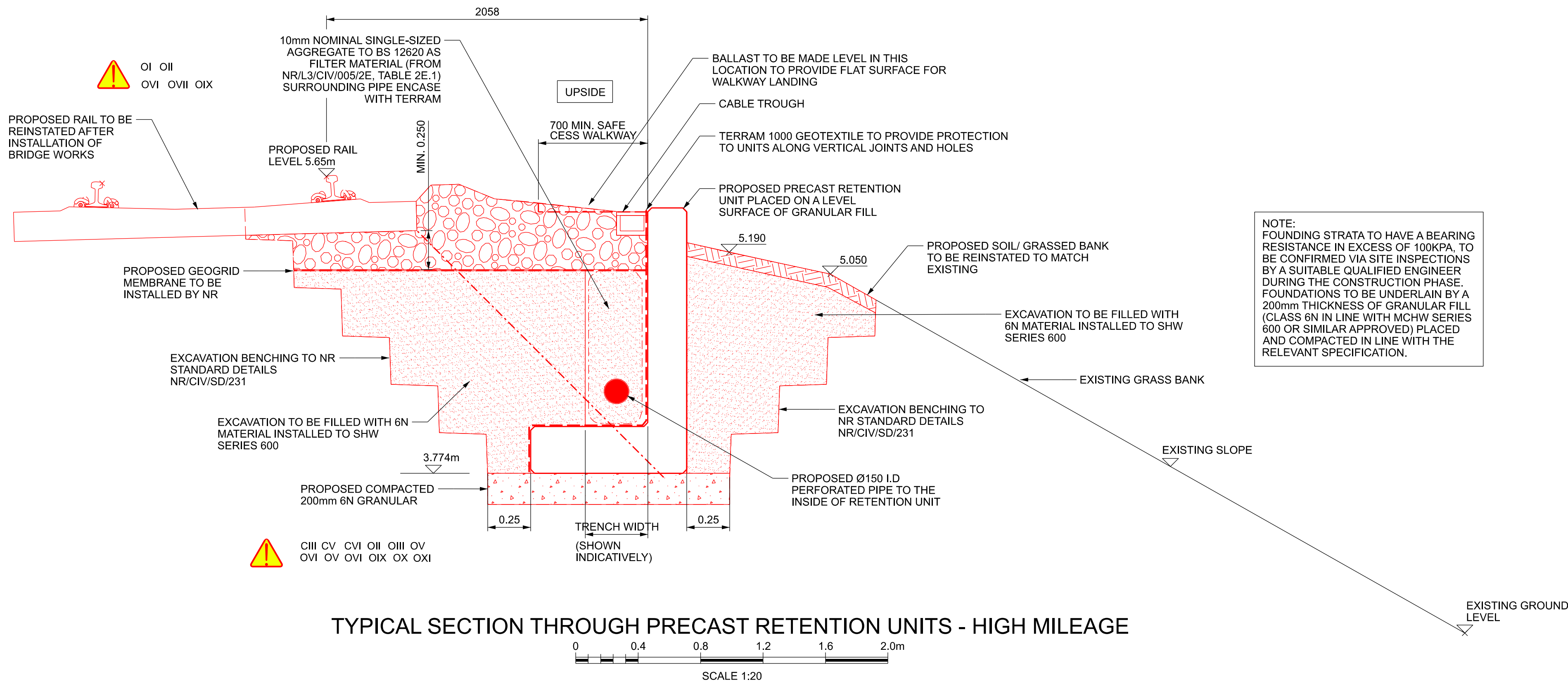


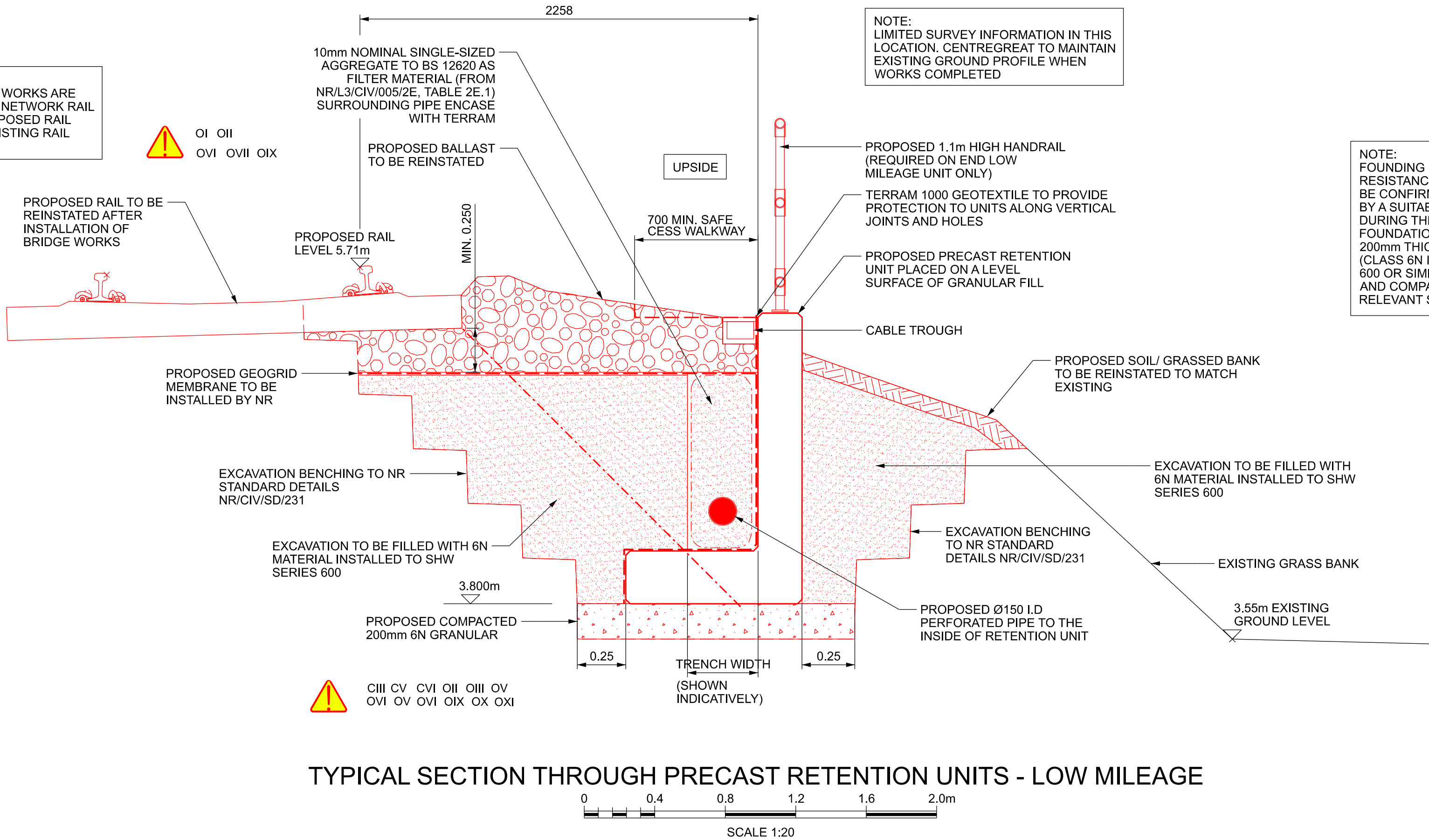
NOTE:
ANY TRACK ALIGNMENT
WORKS ARE TO BE
CARRIED OUT BY
NETWORK RAIL WORKS
DELIVERY. PROPOSED
RAIL LEVEL TO BE AS PER
EXISTING RAIL LEVEL



TYPICAL SECTION THROUGH PRECAST RETENTION UNITS - HIGH MILEAGE

NOTE:
FOR RETAINING UNIT SECTION DETAILS
SEE DRAWING 162906-WLS-DJP-DRG-
ECV-000012

NOTE:
ANY TRACK ALIGNMENT
WORKS ARE TO BE
CARRIED OUT BY
NETWORK RAIL
WORKS DELIVERY. PROPOSED
RAIL LEVEL TO BE AS PER
EXISTING RAIL LEVEL



TYPICAL SECTION THROUGH PRECAST RETENTION UNITS - LOW MILEAGE

Legend/Notes

1. FOR GENERAL NOTES SEE DRAWING 162906-CGE-WLS-DJP-
DRG-ECV-000001.



SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION

NOTES BELOW ARE ADDITIONAL TO HAZARDS/RISK
NORMALLY ASSOCIATED WITH THIS TYPE OF WORK

CONSTRUCTION
CI. STEEL DECK & CILL BEAMS LIFTING DURING
CONSTRUCTION WORKS
CII. ABUTMENT INSTABILITY DUE TO REFURBISHMENT
WORKS ON THE ABUTMENT/WING WALLS
CIII. EXCAVATION/SLOPE COLLAPSE
CIV. UNDERMINING EXISTING ABUTMENT FOUNDATION
CV. STABILITY OF THE 'L' SHAPE RETENTION UNITS
CVI. UNFORESEEN GROUND CONDITIONS

OPERATIONAL & MAINTENANCE
OI. DISTURBING THE TRACK DURING WORKS
OII. WORKING AT HEIGHT, RISK OF PERSONNEL
FALLING
OIII. PERSONAL INJURY TO WORKERS DUE TO
CONTACT WITH TRAINS
OIV. SLIP/TRIP/FALLS DUE TO UNEVEN OR STEEP
GROUND
OV. DISTURBANCE TO LOCAL AREA AND
ENVIRONMENT
OVI. CONTAMINATION TO ENVIRONMENT AND
SPECIES
OVII. INJURY OR INFECTION DUE TO CONTACT TO
HAZARDOUS MATERIAL
OVIII. DAMAGE TO SERVICE CABLES LAID ALONG
THE BALLAST
OIX. PERSONAL INJURY DUE TO WORKING
NEAR/ABOVE WATER
OX. BRIDGE/SCAFFOLD IMPACTED BY LARGE
OBJECT DURING FLOODING EVENTS
OXI. ABUTMENT INSTABILITY DURING
CONSTRUCTION WORKS
OXII. STABILITY FAILURE OF THE 'L' SHAPE
RETENTION UNITS

DISMANTLING/DEMOLITION
DI. OVERTURNING OF ABUTMENT AFTER
EXISTING DECK HAS BEEN REMOVED

THESE NOTES ARE BASED ON THE USE OF
EXPERIENCED AND COMPETENT CONTRACTORS
CARRYING OUT THE WORK USING AN APPROVED
SAFE METHOD OF WORKING. A RESIDUAL RISK
AND HAZARD DOCUMENT HAS BEEN CREAT
FOR A MORE DETAILED ASSESSMENT.

Rev	Date	Description of Revisions	Drawn	Chkd	Appr	Suitability
B01	19/05/21	First Issue				
P01	29/03/21	First Issue				
Rev	Date	Description of Revisions	Drawn	Chkd	Appr	Suitability

Fit for Internal Review & Comment

S3



Authorised _____ Signed _____ Date _____

Contractor(s) _____

Centregreat Rail

Location ABERDOVEY, WALES, LL35 ORG

Type CAD Drawing Sub-type

Role Civil Engineer Sub-Role Structures and Buildings

Zone Wales Region

Phasing Grip Stage 5

Region

Western and Wales

Contract No.
162906

Contract Title
Pant Eidal Bridge

Drawing Title
**PROPOSED SECTIONS
THROUGH RETENTION UNITS**

Designed	M. GOPAL	Signed	Electronically Signed	Date	29/03/21
Drawn	C.MANN	Signed	Electronically Signed	Date	29/03/21
Checked	M. GOPAL	Signed		Date	
Approved	S. ALCON GENER	Signed		Date	

Scale(s) As Shown

Alternative Reference 162906-CGE-DRG-ECV-000009

Drawing Number 162906-CGE-WLS-DJP-DRG-ECV-000009

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