



CONSTRUCTION SEQUENCE :

- CONSTRUCTION SEQUENCE ENVISAGED - THE CONTRACTOR SHALL CONFIRM THE CONSTRUCTION SEQUENCE TO BE USED. UNITS TO BE CAST-IN-SITU
- REMEDIAL WORKS TO LOOSE ROCK
 - EDGE PROTECTION TO BE PROVIDED AS REQUIRED
 - FOUNDATION TO BE EXCAVATED
 - BASE REINFORCEMENT CAGES (WHERE REQUIRED) TO BE INSTALLED ON MORTAR BED
 - FORMWORK FOR BASE CONSTRUCTION TO BE INSTALLED
 - CONCRETE FOR BASE CONSTRUCTION TO BE POURED
 - GUARDRAIL TO BE ERECTED
 - FIXING TO BE INSTALLED - CONTRACTOR PREFERENCE FOR POST-DRILLED FIXINGS
 - NOISE BARRIER POST TO BE ERECTED
 - ACOUSTIC BARRIER PANELS TO BE INSTALLED BETWEEN POSTS

BARRIER FOUNDATION DETAILS						
BARRIER REFERENCE	CHAINAGE START (m)	CHAINAGE END (m)	TYPE *	DRAWING REFERENCE	HEIGHT * (m)	FIRE RETARDANT
E.6	120640	120720	TBC	5114534-ATK-DRG-CV-003182 / 003183	2.5	NO

* HOLDING DOWN BOLT BOLTS TO SUIT BOLT DIAMETER SPECIFIED ON ATKINS DRAWING Nos 003190 AND 003195 FOR ENDS AND OPENINGS RESPECTIVELY.

NOISE BARRIER'S FOUNDATION HAS BEEN SCHEDULED USING GENERIC DESIGN PURELY BASED ON EARTHWORKS GEOMETRY AND ANTICIPATED GROUND CONDITIONS TO BE VERIFIED DURING SITE CONSTRUCTION WORK. SEE DRA CONTAINED WITHIN 5114534-ATK-CST-FRM-003106 FOR RISKS ASSOCIATED WITH UNFORESEEN GROUND CONDITIONS.

NOTE:
* HEIGHT TO BE MEASURED FROM EXISTING GROUND LEVEL.

- Legend/Notes
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH DRAWINGS 5114534-ATK-DRG-CV-003182 AND 003183.
 - ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
 - ALL LEVELS ARE IN METRES ABOVE THE EAST WEST RAIL PHASE 1 PROJECT LEVEL DATUM.
 - TRACK ALIGNMENT AND LEVELS HAVE BEEN TAKEN FROM MODEL No. 5114534-ATK-MOD-TR-000052.
 - DRAINAGE DETAILS ARE SHOWN BASED ON DRAINAGE MODEL No. 5114534-ATK-MOD-DR-000032.
 - DRAWING IS BASED UPON THE TIE PROVIDED BY NETWORK RAIL AND TOPO SURVEY UNDERTAKEN BY ATKINS IN AUGUST 2013. ALL DIMENSIONS ARE TO BE CHECKED AND VERIFIED ON SITE.
 - CONFIRMED SERVICES LOCATIONS ARE BASED ON AS SURVEYED DATA & DRAWING 5114534-ATK-MOD-MD-000005. THE EXACT LOCATION SHALL BE CONFIRMED BY THE CONTRACTOR AT THE START OF THE WORKS.
 - THE CONTRACTOR SHALL CHECK ALL SETTING-OUT (SUPPLIED IN ELECTRONIC FORMAT) PRIOR TO COMMENCEMENT OF THE WORKS.
 - TEMPORARY WORKS SHALL BE CONTRACTOR-DESIGNED.
 - THE CONTRACTOR MUST UNDERTAKE A SERVICES SEARCH IN THE VICINITY OF THE PROPOSED WORKS, BOTH VISUALLY AND USING APPROVED CAT EQUIPMENT.
 - THE CONTRACTOR IS RESPONSIBLE FOR LOCATING, UPHOLDING AND PROTECTING ALL SERVICES AFFECTED BY THE WORKS.
 - EXCAVATION AND GROUND DISTURBANCE MUST BE PLANNED IN ACCORDANCE WITH NETWORK RAIL COMPANY STANDARD NR/L2/AMG/1030: WORKING SAFELY IN THE VICINITY OF BURIED SERVICES.
 - HAND DUG TRIAL PITS SHALL BE UNDERTAKEN PRIOR TO COMMENCEMENT OF WORKS TO IDENTIFY AND MARK-UP BURIED SERVICES.
 - ALL WORKS SHALL BE IN ACCORDANCE WITH NETWORK RAIL COMPANY STANDARD NR/L3/CM/140: MODEL CLAUSES FOR SPECIFYING CIVIL ENGINEERING WORKS.
 - ALL GATES TO BE 1m WIDE LOCKABLE PALISADE TYPE SP 1.8m HIGH IN ACCORDANCE WITH BS 1722-12. PILES TO BE TRIPLE POINTED, SPAYED AND RETURNED. A CONCRETE CIL SHALL BE PROVIDED. OTHER DETAILS TO BE IN ACCORDANCE WITH THE FENCING STRATEGY FOR THE PROJECT.
 - THE POSITION AND HEIGHT OF THE NOISE BARRIER ARE PROVIDED AS PER THE EMB SKETCH DATED 12/10/2015, FIGURE-1 DR SOUTH'S SCHOOL NOISE BARRIER.

LEGEND:	
---	ACOUSTIC BARRIER
---	CESS SUPPORT WALL
---	BT
---	GAS (LOW PRESSURE)
---	SSE LV MAIN
---	FOUL WATER SEWER
---	CESS
---	SURFACE WATER FILTER DRAIN
---	SSE HV MAIN
---	TWUL WATER MAIN
---	GOVERNMENT PIPELINES AND STORAGE SYSTEM

Rev	Date	Description of Revisions	Drawn	Chkd	Appr
B01	25/04/16	FOR APPROVAL			

FOR IDC



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Project
EAST WEST RAIL PHASE 1

Drawing Title
**ACOUSTIC BARRIERS
SECTION E.6: ISLIP
PLAN LAYOUT AND DETAILS
CHAINAGES 120640 TO 120720**

SHE BOX AFC SIGNIFICANT RESIDUAL RISK			
IN ADDITION TO THE HAZARDS/RISKS NORMALLY ASSOCIATED WITH THE TYPES OF WORK DETAILED ON THIS DRAWING, NOTE THE FOLLOWING:			
No.	HAZARD	Designed	Signed
B03	WORKING AT CREST OF CUTTING	R. RANJAN	BK
B04	UNKNOWN SERVICES IN CLOSE VICINITY OF SITE	B. KSHETRI	BK
B05	SPALLING ROCK FACE	H. SANDHU	BK
		D. STEER	BK
Scale(s)		AS SHOWN	OXD
Alternative Reference			
IT IS ASSUMED THAT ALL WORKS WILL BE CARRIED OUT BY A COMPETENT PERSON WORKING, WHERE APPROPRIATE, IN ACCORDANCE WITH AN APPROVED WPP & TBS.			

Design	Drawn	Checked	Approved	Scale(s)	Alternative Reference
R. RANJAN	B. KSHETRI	H. SANDHU	D. STEER	AS SHOWN	
Signed	Signed	Signed	Signed	ELR & Mileage	
Date	Date	Date	Date		
25/04/2016	25/04/2016	25/04/2016	25/04/2016		
Sheet 1 of 3					
Drawing Number 5114534-ATK-DRG-CV-003181 B01					