



REPAIRS HAVE BEEN DETAILED TO REPLACE 2NO. EXISTING DECK PANELS. FOLLOWING EXPOSURE OF THE DECK PANELS FROM TOPSIDE PARTIAL OMISSIONS OF THE REPAIR CAN BE MADE IF AREAS OF A DECK PANEL ARE IN SOUND CONDITION. OMISSIONS TO BE DETERMINED BY SUITABLY QUALIFIED ENGINEER PRESENT ON SITE. EXISTING DECK PANEL TO BE GROUND BACK AS REQUIRED TO ALLOW INSTALLATION OF NEW STEELWORK. ALL PROPOSED STEELWORK TO BE FULLY CONNECTED WITH TCB CONNECTIONS WITH SUITABLE BOLT EDGE DISTANCES

1. TAKE POSSESSION OF TRACK ABOVE AND PARTIAL CLOSURE OF HIGHWAY BENEATH. (ISOLATION OF OVERHEADS IF REQUIRED)
2. REMOVE CAST IRON BALLAST TAKE LOCAL SLEEPER SLIDE TO SLEEPER LOCATION
3. EXCAVATE BALLAST DOWN TO WATERPROOFING LEVEL
4. CUT EXISTING WATERPROOFING AT REQUIRED EDITIONS AND REMOVE QUARRY TILERS AND BITUMASTOP FILLS. TO REPAIR CRACKS. RECORD DRAWINGS POTENTIAL ASBESTOS CONTAINING MATERIAL.
5. REMOVE EXISTING BOLTS THROUGH CAST IRON RIBS AND REMOVE DECK PLATES AND PCFS AS WELL AS ON DRAWING
6. ONCE REMOVED PCF TYPES 1A & 1B SHALL BE TEMPLED TO SUIT BOLT HOLE LOCATIONS OF EXISTING ADJACENT PCF SECTIONS
7. NEW PCF SECTIONS TO BE POSITIONED ON TOP OF EXISTING ARCH RIB AND ANY REQUIRED BOLTED CONNECTION THROUGH WEBS TO BE FIXED.
8. PACKER PLATES AND DECK PLATES TO BE TEMPLED FOR POSITION OF BOLTED CONNECTIONS THROUGH ARCH RIB AND ALSO FOR NEW TCB CONNECTIONS THROUGH DECK PLATES. HES TO BE DRILLED IN PLATES
9. PACKERS AND PLATES TO BE POSITIONED AND ALL BOLTS TO BE TIGHTENED
10. INFILL TOP OF PLATES AS SHOWN ON DETAIL 1 AND REINSTATE WATERPROOFING AND PROTECTION.
11. EXCAVATE BALLAST AND TRACK, HAND BACK POSSESSION.



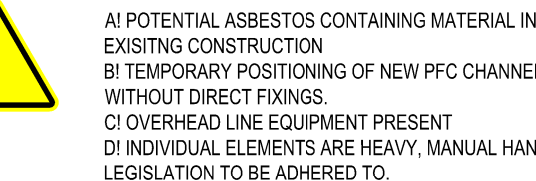
ELEMENT WEIGHTS AND QUANTITIES		
ELEMENT	WEIGHT (kg) *	QUANTITY (No.)
PCFs (1A, 1B, 2 and C)	41	8
DECK PLATES AND COVER PLATES	112	6
490x100x12.5	6	8
460x100x12	5	4
460x100x12.5	5	4

* ELEMENT WEIGHTS ROUNDED UP TO NEAREST KILOGRAM



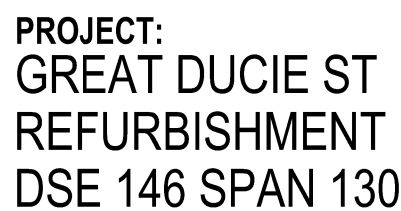
1. ALL DIMENSIONS ARE SHOWN IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. IT IS RECOMMENDED THAT TRIAL PITS ARE TAKEN PRIOR TO MAIN POSSESSION TO IDENTIFY ANY WATERPROOFING PROTECTION AND TO ESTABLISH EXISTING BALLAST DEPTHS ACROSS STRUCTURE. NO ALTERATIONS ARE PROPOSED TO ANY TRACK LEVEL OR LOCATION. TRACK TO BE REINSTATED AS EXISTING.
3. NEW STEELWORK TO BE GRADE S355 J2 IN ACCORDANCE WITH BS 10025-2:004 PART 2. PROTECTIVE TREATMENT OF NEW STEELWORK TO BE AN N1 SYSTEM IN ACCORDANCE WITH NR SPECIFICATION NR/NG/CIV/002, NR/L3/CIV/039 & NR/L3/CIV/040. COLOUR SHALL BE10C31 TO BS4800 (IVORY)
4. ALL DIMENSIONS OF THE NEW STEELWORK ELEMENTS AND BOLT LOCATIONS TO BE CONFIRMED PRIOR TO FABRICATION BY STEEL FABRICATOR.
5. ALL STEELWORK REPAIRS TO BE CARRIED OUT IN ACCORDANCE WITH NR/CIV/SD/801
6. DUE TO INSTALLATION METHOD AND REQUIRED TEMPLATING FOR BOLT HOLES ON DECK PLATE IT IS NOT POSSIBLE THAT ANY FAYING SURFACES TREATMENT IS REQUIRED.
7. REPAIRS PROPOSED ARE TO ADDRESS CRACKED FLOOR PLATE IDENTIFIED FOLLOWING GRIT BLASTING OF STRUCTURE.
8. EDGES OF PACKER PLATES TO BE SEALED USING POLYSULPHIDE SEALANT.
9. LIFTING HOLES AND ARRANGEMENTS TO BE DETERMINED BY CONTRACTOR.

FOLLOWING COMPLETION OF THE DESIGNERS RISK ASSESSMENT IN ACCORDANCE WITH C.D.M. REGULATIONS 2007, THE CONTRACTOR SHALL TAKE NOTE OF THE FOLLOWING SIGNIFICANT RESIDUAL RISKS FOR FULL DETAILS REFER TO THE DESIGNERS RISK ASSESSMENT, AVAILABLE FROM THE PLANNING SUPERVISOR.



EVERYDAY OR LOW RISK HAZARDS HAVE NOT BEEN INDICATED ON THIS DRAWING, NEITHER HAVE HAZARDS THAT SHOULD BE OBVIOUS TO A COMPETENT CONTRACTOR. SHOULD ANY ADDITIONAL HAZARD BE IDENTIFIED THE CONTRACTOR SHOULD NOTIFY ALL THE RELEVANT PROJECT TEAM MEMBERS.

02	10.10.19	Deck repair plate amended	SR	MB	MB
01	28.03.19	Schematics for Review	SR	MB	MB
Rev	Date	Description	Drawn	Check	Approved



Site	Client
MVE1 1A & 1B, DSE 146/130 MANCHESTER VICTORIA.	J MURPHY & SONS LTD WIGAN ROAD GOLBORNE WA3 3UB Phone 01942 725326 Fax 01942 721530 info@murphygroup.co.uk www.murphygroup.co.uk



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TITLE:
DSE 146 SPAN 130
PROPOSED DECK PLATE
REPAIR DETAIL
SHEET 1 of 2

Designed	J. Cuniffe	Signed	Date	10.10.19
Drawn	S. Roberts	Signed	Date	10.10.19
Checked	M. Bardin	Signed	Date	10.10.19
Approved	M. Bardin	Signed	Date	10.10.19
Scale:	As shown	Datum:	N/A	
Original Size:	A1	Grid:	N/A	
ELR:	DSE	Mileage:	31m 880yds	
Suitability Code:	N/A	Project Number:	UA007926	

Suitability Description:

SCHEMATICS

Drawing Number:
0200-04-UA007926-UT41D

Revision:
02