

NOTES

1. CONCRETE GRADE:- 30 MPa/25 mm STONE. SLUMP 50 - 75 mm. WOOD FLOAT FINISH.
2. CURING:- WHITE PIGMENTED CURING COMPOUND APPLIED ON COMPLETION OF SCREEDING.
3. REINFORCING:- HIGH TENSILE STEEL IN PREFABRICATED MATS. COVER CONTROLLED BY WELDED SPACERS. (50 mm MIN.)
4. CONSTRUCTION TOLERANCES - SEE CONSTRUCTION NOTES:-
- A. CENTRE LINE MARKER: LONGITUDINAL ± 10 mm
TRANSVERSE ± 1 mm
- B. CHAIR TEMPLATE: LONGITUDINAL ± 5 mm
TRANSVERSE ± 5 mm
ANGULAR $\pm 0.5^\circ$
- C. LEVELLING NUTS: ± 1 mm
- D. GAUGE BEAM: ALIGNMENT ± 0.5 mm

* PAD SUPPLIERS

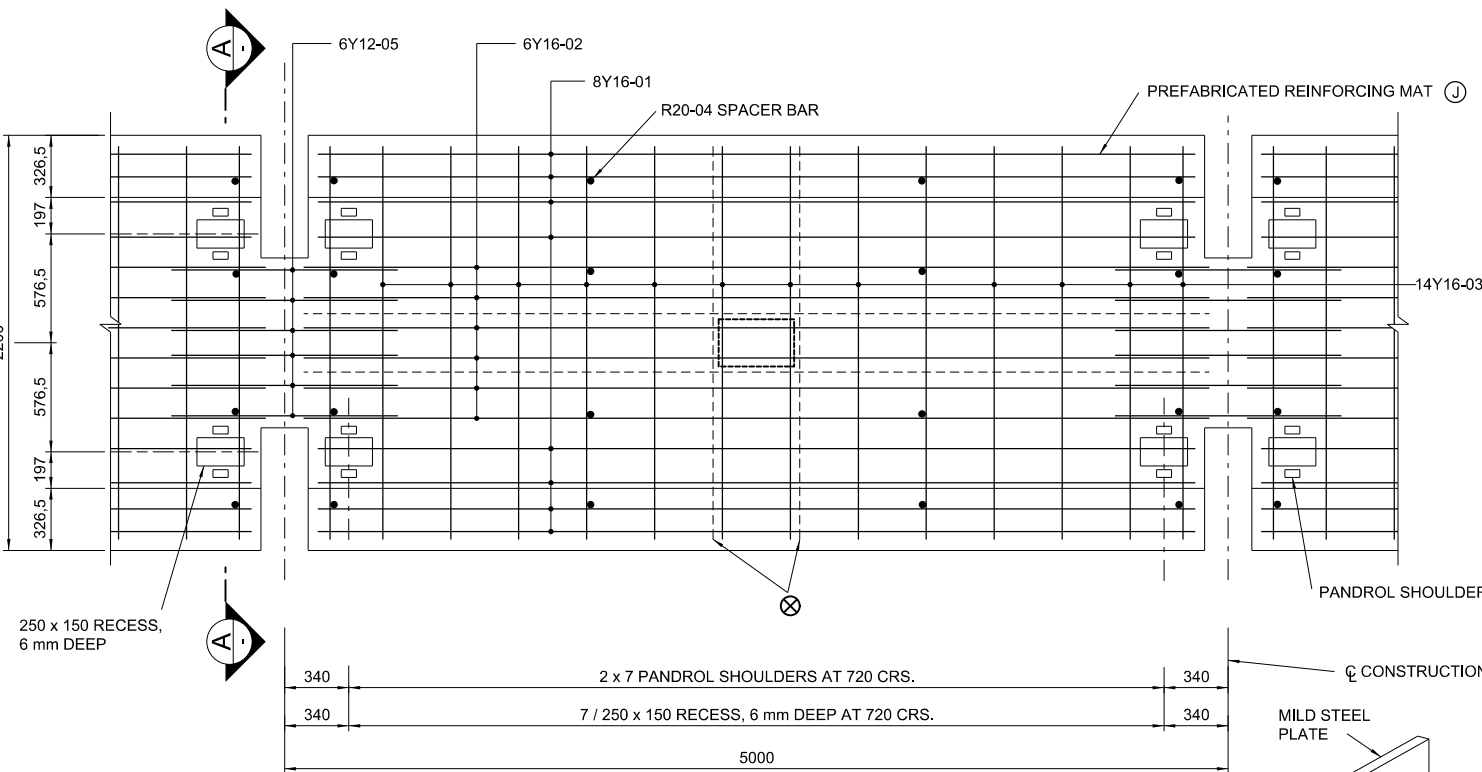
1. RUBBER : NOVA ENGINEERING - TEL: (011) 622-2837

REMOVE PANDROL RETAINING CAP SCREWS NO SOONER THAN 12 HOURS AFTER CASTING. CAREFULLY LIFT CONSTRUCTION GIRDERS AND CHAIRS FOR RE-USE. RUB DOWN ROUGH EDGES. FILL WITH 2 : 1 SAND CEMENT MORTAR ANY VOIDS IN THE PAD RECESS AREA WHERE THESE EXCEED 20% OF THE PAD AREA.

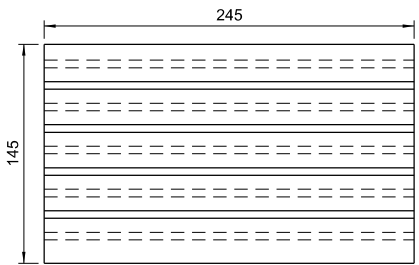
TO BE SUPPLIED BY CONTRACTOR

30mm FLAT SPANNERS
19mm SOCKETS WITH 500 mm EXTENSION
17mm ALLEN KEYS
PLUMB BOB
Ø10mm MASONRY ANCHORS (BOLTING DOWN OF CHAIRS)

PLACE CONSTRUCTION GIRDERS IN POSITION AND FASTEN 8 No. HOLDING DOWN NUTS. ATTACH PANDROL SHOULDERS. RE-CHECK JIG ALIGNMENT USING THEODOLITE OR TOTAL STATION BEFORE PLACING CONCRETE. PLACE CONCRETE AND STRIKE OFF FLUSH WITH RECESS FORMERS, PROFILE TEMPLATE AND SIDE SHUTTERS. APPLY CURING COMPOUND.



MEMBER	MARK	TYPE & DIA	No. OF MEMBERS	No. IN EACH	TOTAL No. OFF	CUT LENGTH	SHAPE CODE	BENDING DIMENSIONS (SANS 282)				
								A	B	C	D	E/r
01	Y16	1	8	8	4600	20	4600					
02	Y16	1	6	6	4800	20	4800					
03	Y16	1	14	14	2050	20	2050					
04	R20	1	16	16	100	20	100					
05	Y12	1	6	6	1200	20	1200					
TOTAL MASS PER 5m PANEL = 165kg												

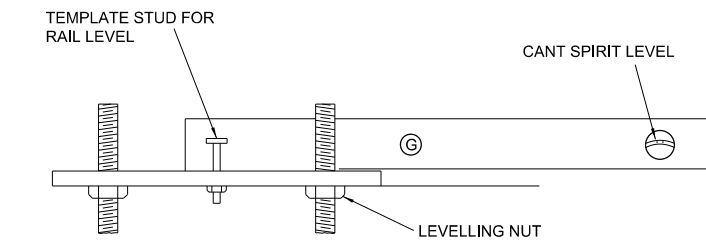


RAIL PAD DETAIL *

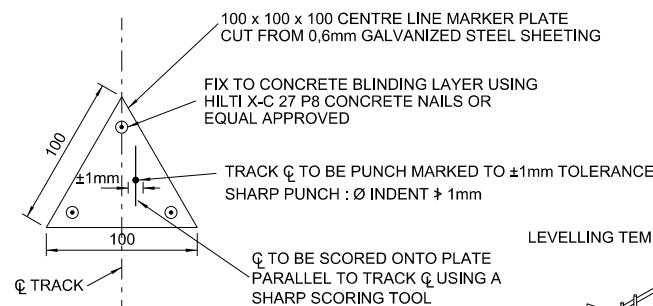
1 : 2.5

PART ISOMETRIC VIEW OF GAUGE BEAM

SLAB REINFORCING



PART ELEVATION - LEVELLING TEMPLATE



DETAIL 1

1 : 2.5

LEVELLING TEMPLATE

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

1 : 10

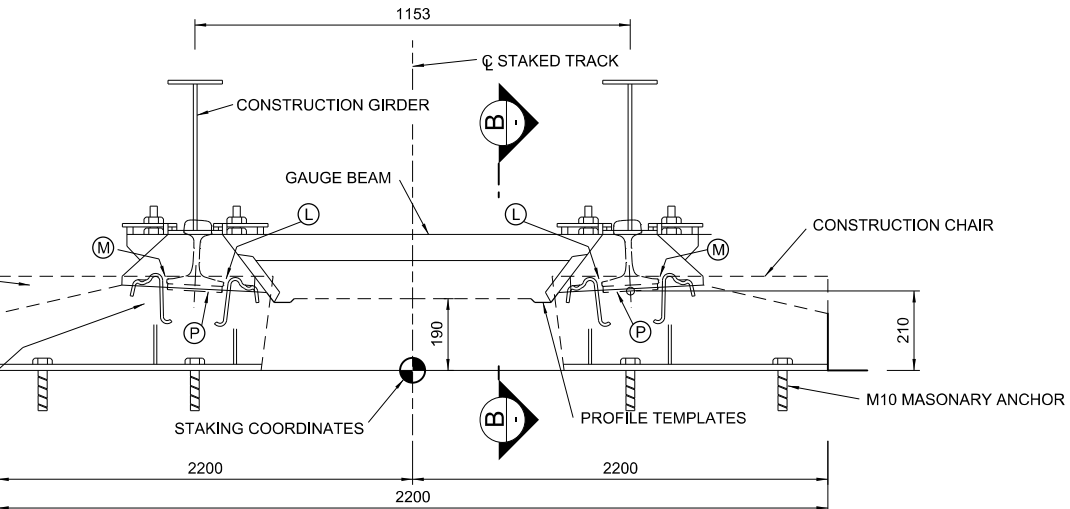
1 : 10

1 : 10

CONSTRUCTION SEQUENCE

5

PLACE GAUGE BEAM IN POSITION AND SUSPEND PLUMB BOB THROUGH NOTCH. ENSURE THAT TRIANGULAR NOTCH IN BEAM IS CLEAN AND PLUMB BOB FIRMLY IN CORNER OF NOTCH. SET THE GAUGE BEAM PLUMBS OVER TRACK CENTRE LINE PUNCH MARKS (SEE STEP 3) TOLERANCE ± 0.5 mm. FASTEN 8 No. RETAINING NUTS. CHECK VERTICAL AND HORIZONTAL ALIGNMENT OF GAUGE BEAMS, USING THEODOLITE OR TOTAL STATION.



ELEVATION

1 : 10

CONSTRUCTION COMPONENT ASSEMBLY

*NOTE: SHOULDERS AND e-CLIPS ARE OBTAINABLE FROM PANDROL (PTY) LTD AND MUST BE GALVANIZED

0 10 20 30 40 50
SCALE BAR 1:100

REV	DESCRIPTION	DATE	REV BY	CHKD
C	ISSUED FOR APPROVAL	03/08/2021	LAV	HAW
B	ISSUED FOR APPROVAL	08/12/2020	LAV	HAW
A	ISSUED FOR COMMENT	21/02/2019	LAV	HAW

DRG. No.	DRAWING TITLE

RCE CONSULTANTS 110 Sovereign Drive Route 21 Corporate Park 0062 Tel : +27 (12) 450 0040 fax : +27 (12) 450 0040	APPROVED BY DESIGN ENGINEER: MUJI GRANGE SIGNATURE: _____ DATE: 03/08/2021 Prof. Reg. No.: 20160548 APPROVED BY CHECKING ENGINEER: H de WET SIGNATURE: _____ DATE: 03/08/2021 Prof. Reg. No.: 720570 DRAWN BY: LA VENTER DATE: 03/08/2021
---	---

CONSULTANT/SUB CONSULTANT NAIDU CONSULTING
--

PROJECT GOdurban!

CLIENT ETHEKWINI METROPOLITAN MUNICIPALITY

PROJECT TITLE ETHEKWINI TRANSPORT AUTHORITY BUS RAPID TRANSPORT NETWORK (BRT) PHASE 1: ROUTE C1A	DISCIPLINE T
DRAWING DESCRIPTION SECTION 3 - INANDA ROAD TUNNEL REHABILITATION TRACK SLAB - GENERAL ARRANGEMENT	PHASE T

AS BUILT PLAN (Full signature) CLIENT ENGINEER	SCALE 1:100 CONTRACT No.	SHEET 1 OF 1 PROJECT No. 1300042 DRAWING No. 1300042-T-4600	REV 1
---	--------------------------------	--	----------