6'-0" 6'-0"

7'-0" Glass.

Tee 3"×3"×5/16"
L 2"×2"×1/4"

5/8" bolt & washer.

3'-0"

7'-9" Sheet

7'-0" Glass

Tee 4"×3"×3/8"

6'-6½"

5/8" bolt

6'-9"

L 2"×2"×5/16"

3/8" bolts

5/16" Plate

Flat 2"×5/16"

9/16" Hole

L 2½"×2½"×5/16"

Flat 3"×3/8"

7'-6" Sheet

See Glazing Details See Dr. No 2076

5/8" bolt

6'-6½"

Flat 2"×5/16"

L 2"×2"×5/16"

Flat 4"×3/8"

5/16" Plates

6-3/8" rag bolts.

9'-0"

25'-0" Roll Span.

48'-6" Between Walls.

25'-0"

18" Wall

18" Wall

All Purlins & cleats 4"×3"×5/16" L.

18 G. Galv.d & Corr.d Sheets 5" Corrg.ns

Section XX at End.

Vertical sheeting.

Gable Flashing.

Roof Sheeting.

5/8" bolts.

Tee cleat 4"×3"×3/8"

10 5/8" bolts

5/8" bolt

2-5/16" Plates.

Zinc Ridge.

Tee 3"×3"×3/8"

5/8" bolts (Tee to Strap. 4"×5/16")

3/8" bolts.

5/16" Plates.
5/8" bolts.

5/8" bolts.

5/16" Plates.
all 5/8" bolts.

5/16" bolts
& ferrules.

6'-6"

4½"

6'-6"

18 G. Galv.d Louvres.

Intermediate straps 2"×5/16"
(outer strap galv.d)

6'-6"

3"×½" at trusses.

10"

2-5/8" bolts

5/8" bolts.

B4/53

Slotted holes for
6-3/4" rag bolts.

4½"

4½"

3'-7½"

5/8" bolts

5/16" Plates

3/4" bolts

4½"

4½"

4 5/8" bolts

4 3/4" bolts.

1-5/16" Plate.

3'-7½"

Tee 3"×3"×5/16"

L 2"×2"×5/16"

3'-0"

5/8" bolt & washer.

5/16" Plates.

Hard Wood block
not in Contact

5/8" bolts

3/4" rivets

L.s 3"×3"×3/8"

R.S. Joist 12"×5"

5/8" bolts.

Detail of Crane Stop.
4 req.d to this.

Rail bolted to Joist
½" bolts about 24" centres
2'-0" 2'-0" 2'-0"

3½"×3/8" Packing behind L
where no joint occurs.

Plate Hard 3 Holes
each end & 4 holes
slotted to allow for
adjustment

3/8" bolt

1'-6"

9"

4" R.W. Pipe

C.I. Washer.

3"

47'-0" Centres of Rails

56 lb. rail

R.S. Joist 12"×5"

9"

1'-0"

3"

1'-0"

16'-2"

25'-0"

R.S. Joist 8"×5"

2'-3"

3½"×3½"×½" Angle.

2-2'6"×1" bolts

2'-3"

5/8" rivets

5/16" Pl.

1-7/8"×3/4" rag bolt.

6'-6"×3/8"

Details at top of Stanchions.

56 lb. rail

1'-0"

Joint in rail.

3/4" bolts

3½"×2½"×5/16"

C.I. Washer
1'-6" dia.

Pl. 16"-1"×3/8"

L. 9"×3½"×3/8"

7/8" bolts

3"×3/8"

9"

9"

R.S. Joist 8"×5"

R.S. Joist
12"×5"

13"×6"×3/8" Covers.

3/4" bolts

3/4" bolts

L 3"×3"×3/8"

Details of Stanchion Bases.

6-3/8" bolts

Ls 3"×3"×3/8"

9"×3½"×3/8"

1'-4"×12"×3/8" Plate.

1'-0"

1'-0"

2'-3"

18" bolts

6'-6"×3/8"

5/8" rivets ask.

1'-0"

5/8" rivets

1¼" holes for 1" bolts.

Plan of Base.

56 lbs per yard.

Full Size.

1'-0"

9"

43 lbs. Standards to this.

L 1¾" outside dia. tube.

1'-6"

1¾" dia.

L 1¾" outside dia. tube.

1'-6"

1½" dia.

5/16" holes for ½" bolts

Base 6"×2½"×⅜"

1'-8"

1'-8"

401
J. 204.
5·11·24.

DATE DATUM 11-8-1950
REFERENCE VE & WYSING G.3.
PT. 12 835 (a)
P/ES 3 30·7·23

DH 69 J 200 sh 1

SOUTH AFRICAN RAILWAYS.

Order No. D2116 Cable No. 223.23.

Contract for Roof for Pump House at Graving Dock, Congella.

Contractor's Name John Lysaght, Limited.

Contractor's Drg No. 2070.

CROSS SECTION

C.E. No. 1 J 10825

Identical with ... Drg. No. ...

Inspector's signature & date W.H.L. 31.10.24