VICTORIAN RAILWAYS.

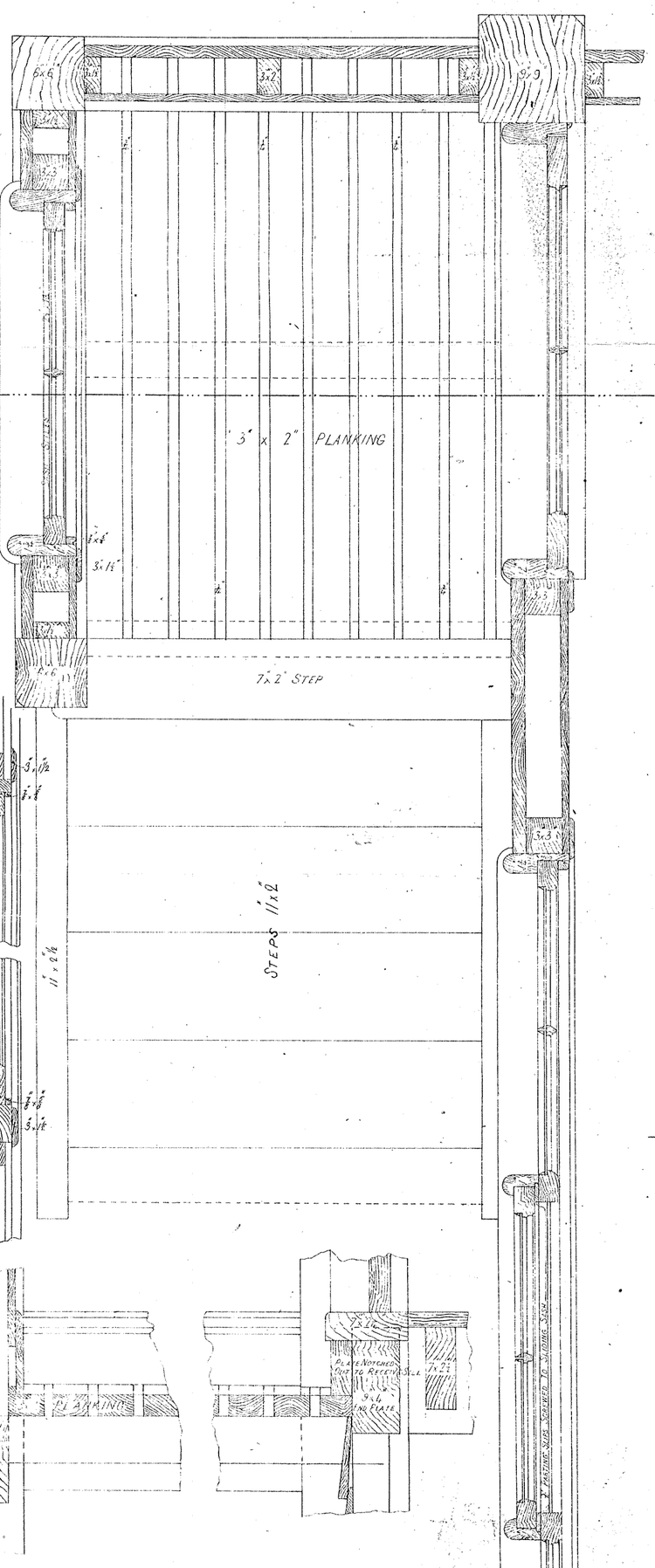
MELBOURNE AND ADELAIDE LINE

Signal Box at Ashens Siding

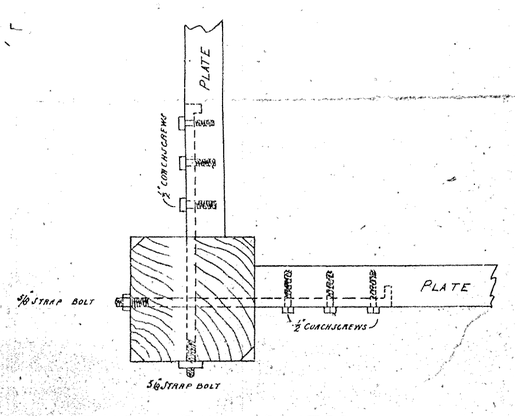
SCALE ½ FULL SIZE

CONTRACT No 3669.
No 2

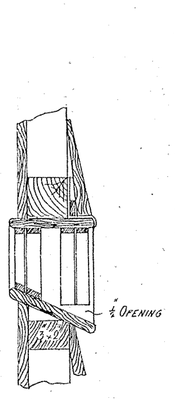
No 1 Drawing Litho. No 568.88



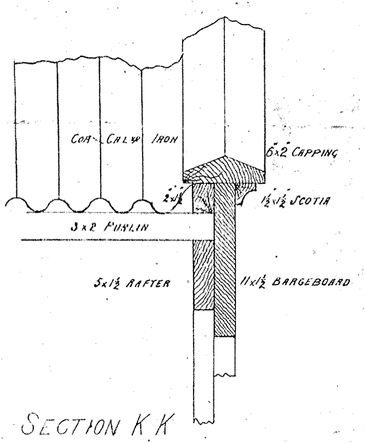
SECTION CC



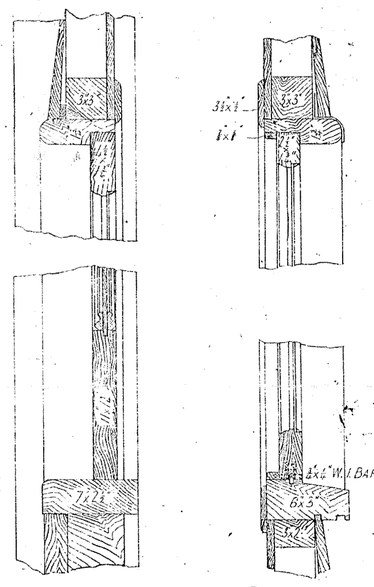
METHOD OF FIXING PLATES TO ANGLE POSTS



SECTION OF VENTILATOR

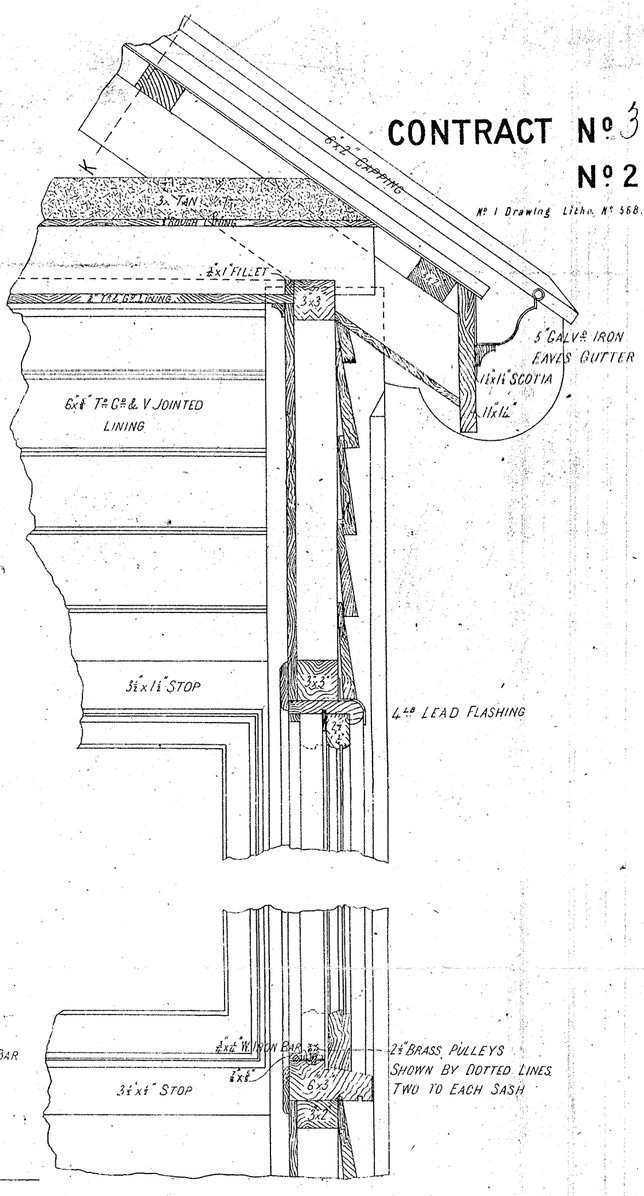


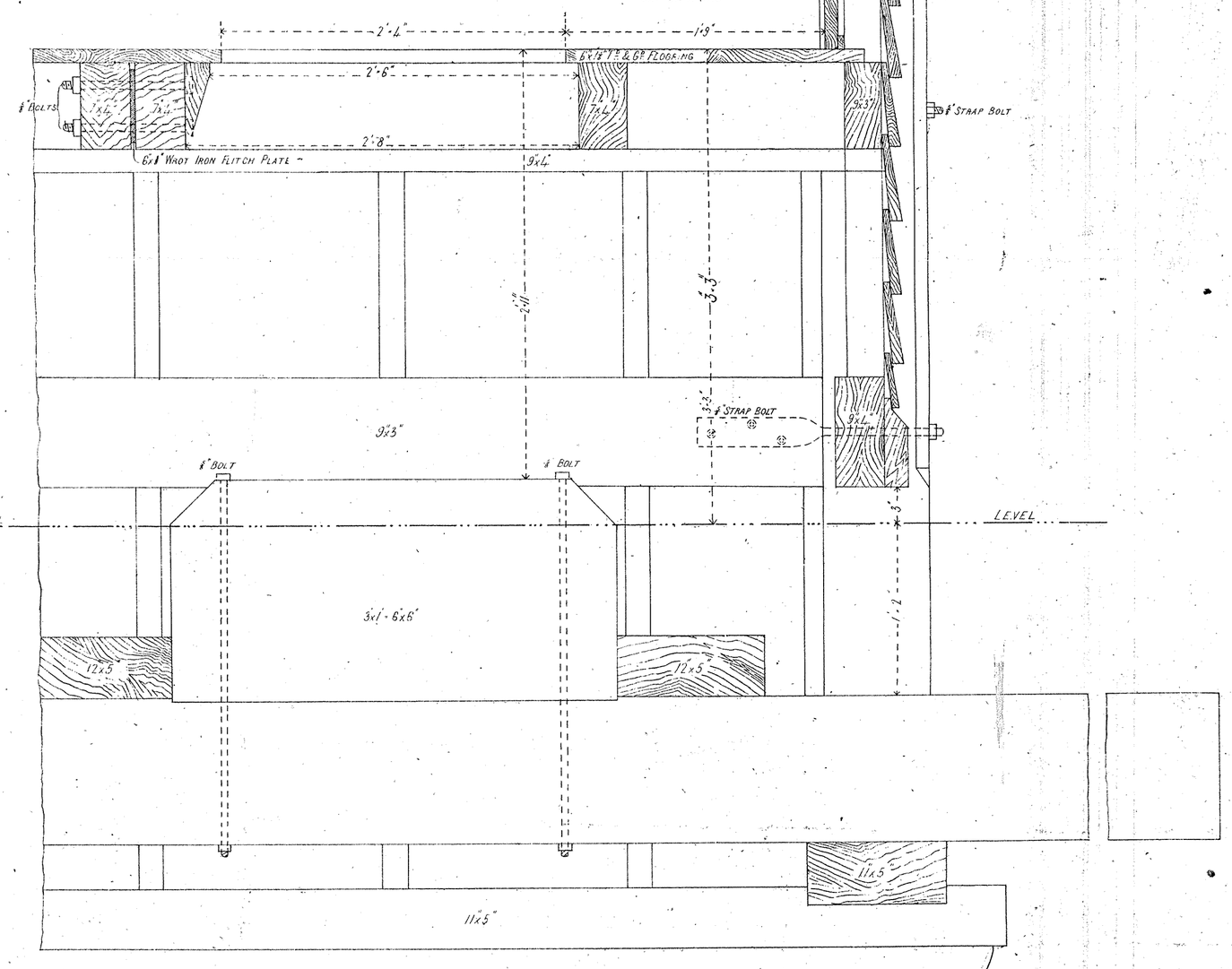
SECTION K K



DETAIL OF PORCH DOOR

DETAIL OF SLIDING SASHES SECTION B B





DETAIL OF WINDOWS & PORCH

I accept this as one of the Drawings referred to in the Specification and Conditions upon which my Tender Dated the 27th day of December 88

Signature of Contractor John Barnes

Witness to Signature

Date 24th January 1889

RAILWAY DEPARTMENT, MELBOURNE, DEC. 1888.

ENGINEER FOR EXISTING LINES
CONTRACT 3669
EXHIBITED IN THE CONTRACTORS' OFFICE
From 20/12/88 to 28/12/88
BY [illegible]
RAILWAY DEPARTMENT

VICTORIAN RAILWAYS PLAN ROOM JUN 11 1918

VICTORIAN RAILWAYS.

MELBOURNE AND ADELAIDE LINE

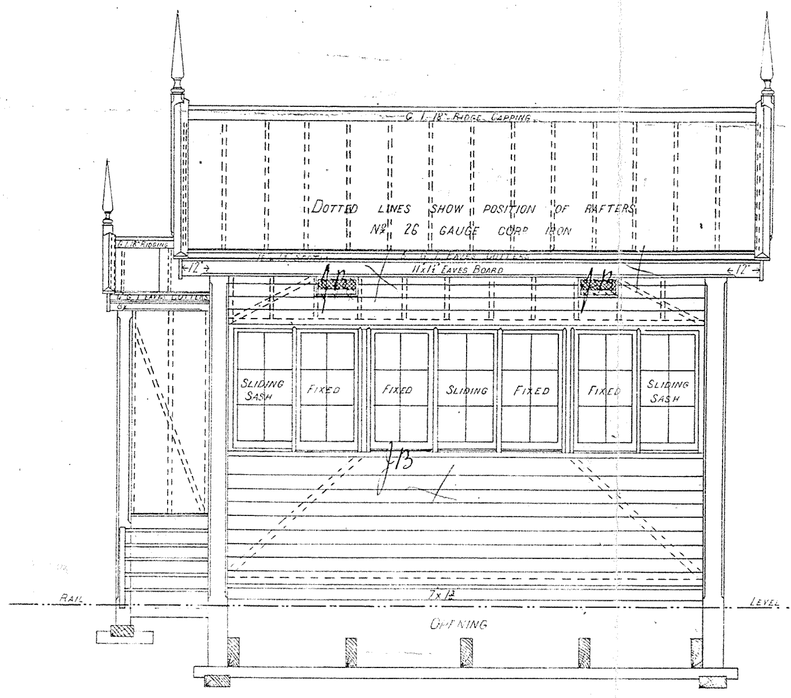
SIGNAL BOX AT ASHENS SIDING

SCALE 4FT TO AN INCH

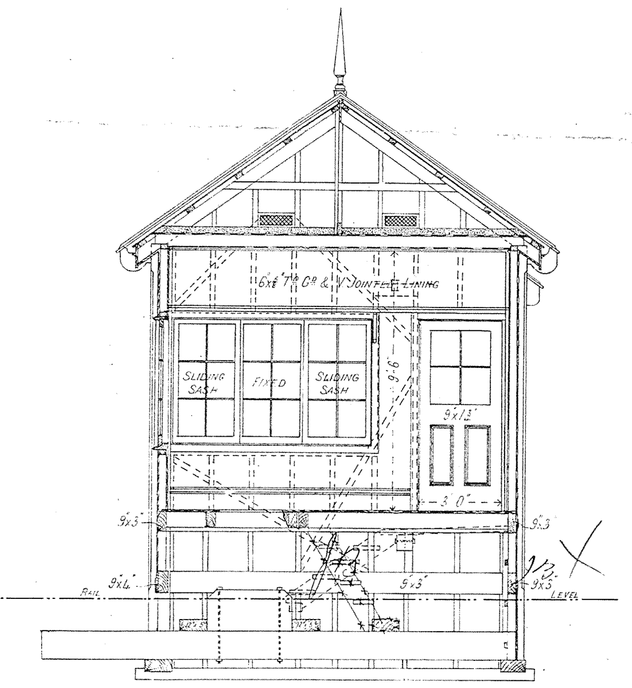
(17'-4" x 12'-3" 3'-3" ABOVE RAIL)

CONTRACT No 3669
No 1

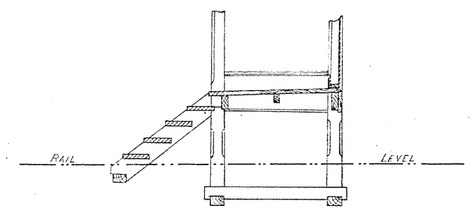
No 2 Drawing to be No 609.88



FRONT ELEVATION

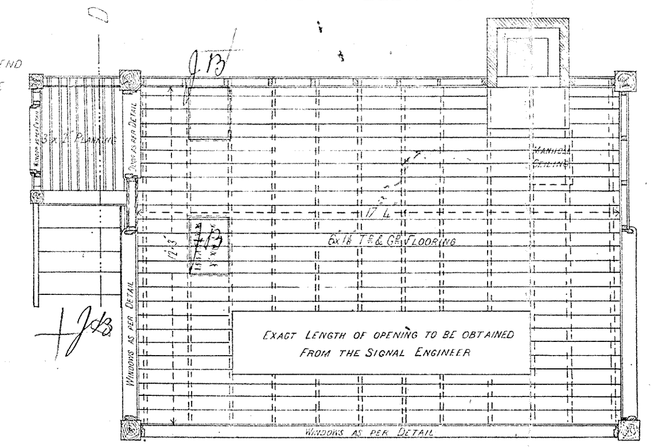


TRANSVERSE SECTION

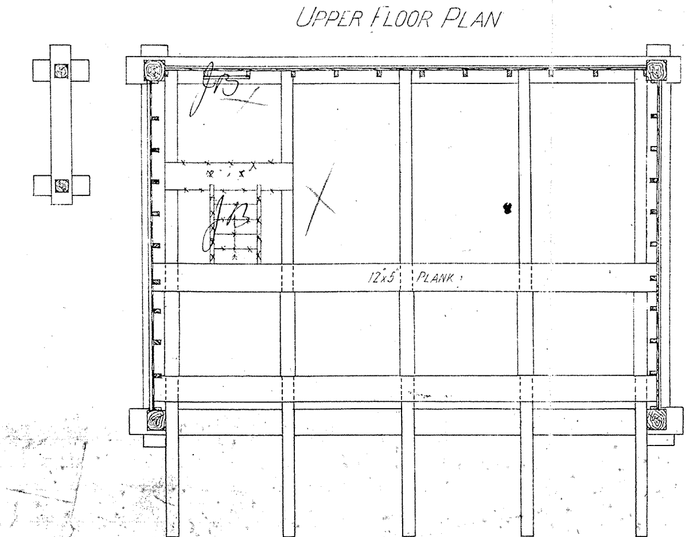


SECTION D.D

PORCH & STAIRS AT EITHER END AS MAY BE DIRECTED BY THE SIGNAL ENGINEER



UPPER FLOOR PLAN



LOWER FLOOR PLAN

SCANTLINGS

GLASS	16 x 12
TRIMMER STUDS & HEADS	3 x 3
ANGLE FILLETS	3 x 1½
INTERMEDIATE STUDS	3 x 2
BRACING	3 x 1
RAFTERS MAIN ROOF	6 x 1½
COLLARS	3 x 1½
PURLINS	3 x 2
CEILING JOISTS	5 x 1½
UPPER FLOOR JOISTS	7 x 2½
LOWER FLOOR JOISTS	12 x 5
MAIN SOLE PLATES	11 x 5
PORCH SOLE PLATES	9 x 5
BLOCKS	3'-0" x 18 x 6
MAIN ANGLE POSTS	9 x 9
PORCH ANGLE POSTS	6 x 6
WINDOW SILLS	6 x 3
SASH STILES	6 x 3
MUNTINS	4 x 2½
WALL LINING T G V	6 x 1
CEILING & SOFFIT T & B	6 x 1
WEATHERBOARDS 4 OUT OF	7 x 2½
FLOORING T & G	6 x 1⅛
PORCH RAFTERS & COLLARS	3 x 2

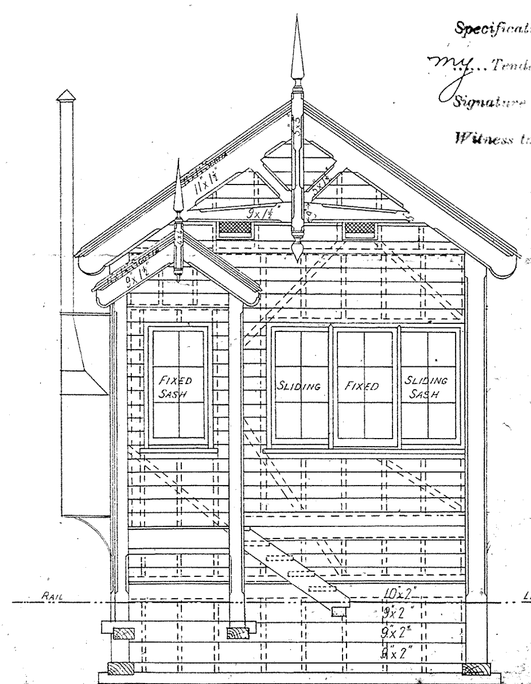
I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender dated the 27th day of December 88

Signature of Contractor John Barnes

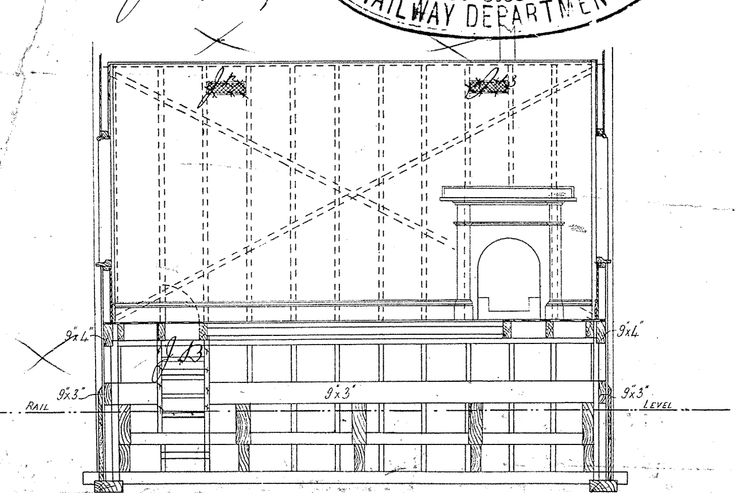
Witness to Signature

Date 24 Jan 1889

ENGINEER FOR EXISTING LINES OFFICE
CONTRACT 3669
EXHIBITED IN THE
CONTRACTORS' ROOM
From 2/1/1889 To 24/1/89
BY
RAILWAY DEPARTMENT.

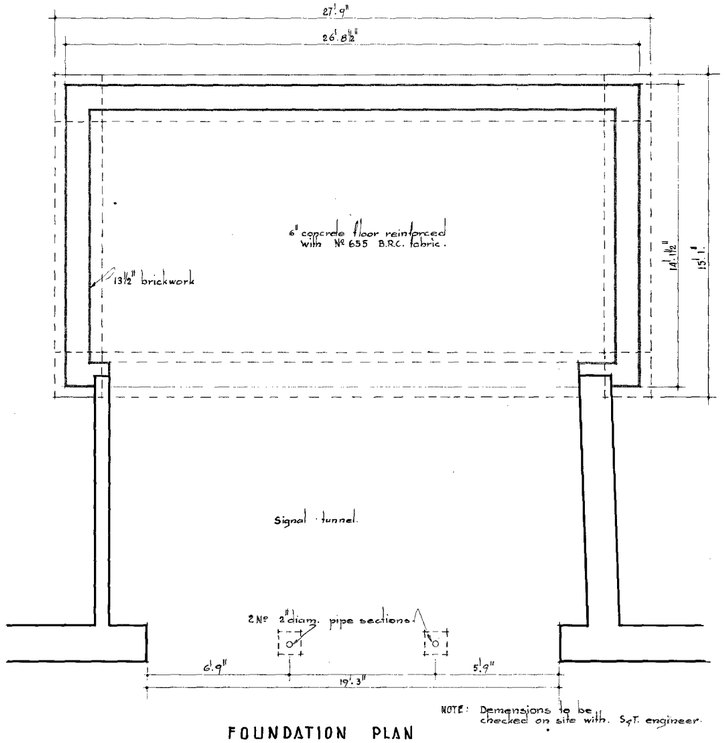


END ELEVATION



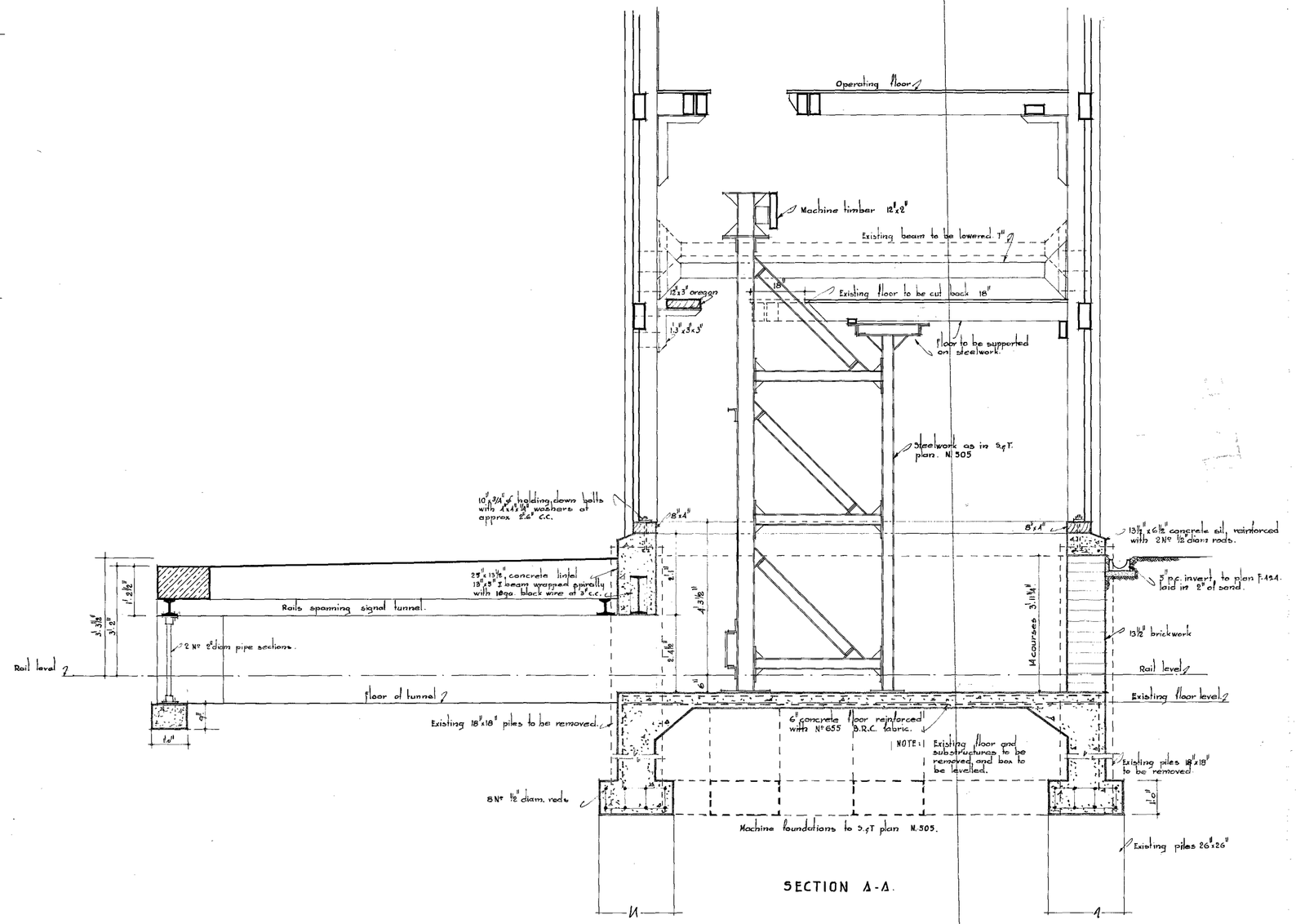
LONGITUDINAL SECTION

RAILWAY DEPARTMENT, MELBOURNE, MAP. 1888.

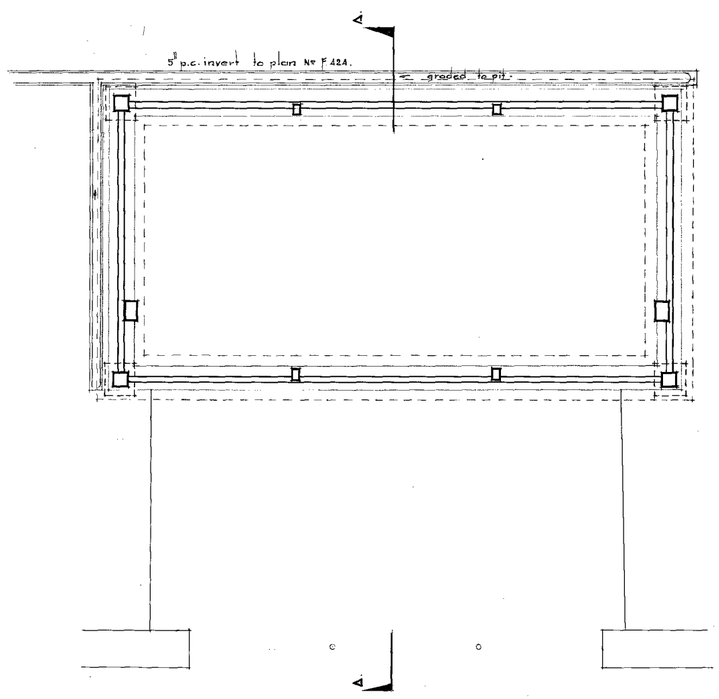


NOTE: Demensions to be checked on site with S&T. engineer.

FOUNDATION PLAN



SECTION A-A.



BASEMENT PLAN.

G.F.W.
S&T. Engineer.

V.R.

BACCHUS MARSH.

RE-CONDITIONING OF SIGNAL BOX.

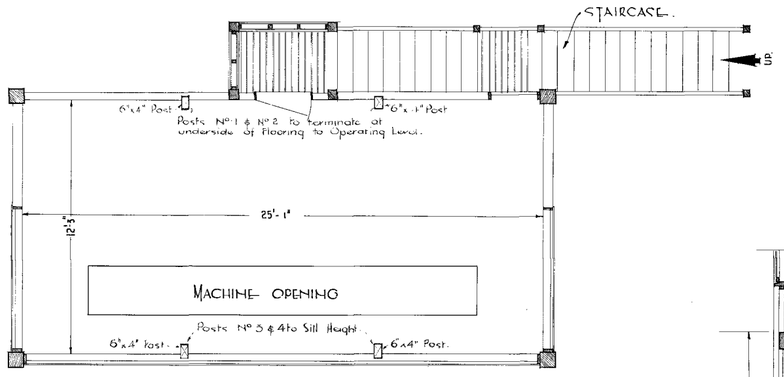
R.A.R. 16.11.56.
Chief Civil Engineer.

Scale ¼"-1'-0" & ½"-1'-0"

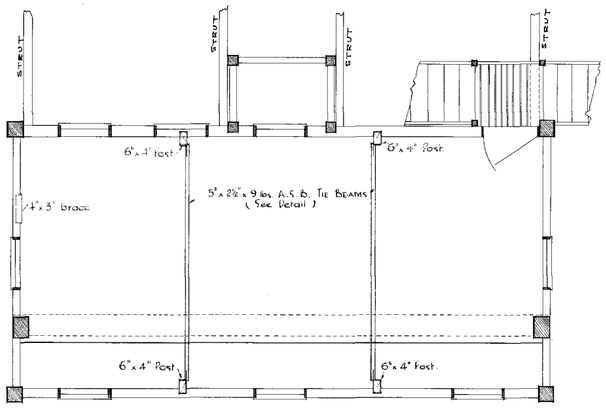
Work completed. //					
Drawn. MS.	Checked. DB.	Corres. 17420/54.	Senior Architect. DBh for	B-267. A-64.	Plan. 453/55.

267

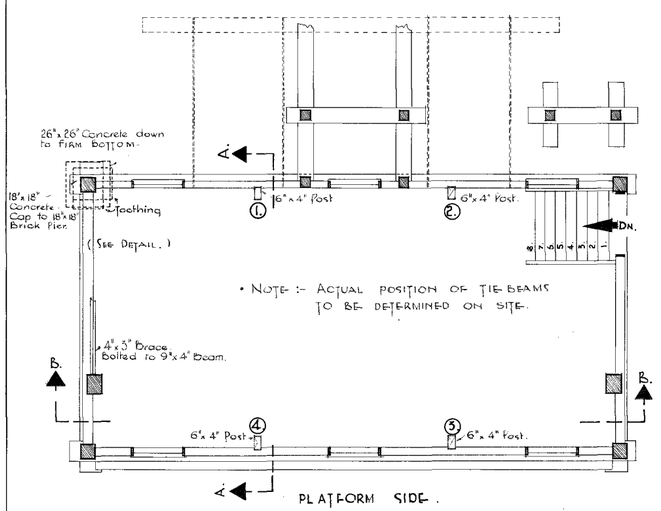
215 19 Miller
Tab.



• PLAN 2nd. FLOOR. OPERATING

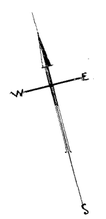


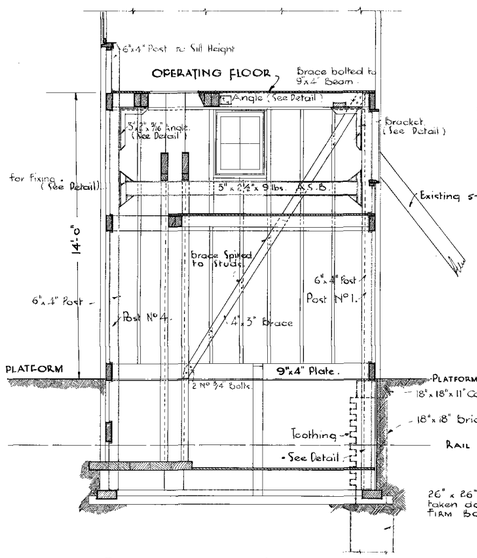
• PLAN 1st. FLOOR. INSPECTION.



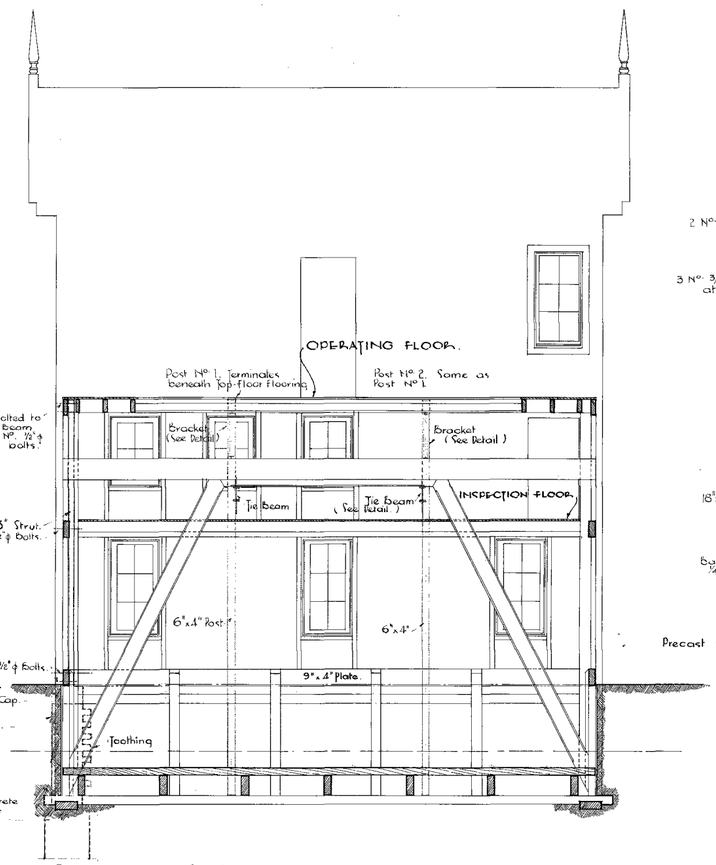
• PLAN GROUND FLOOR.

Scale ½" = 1'-0".

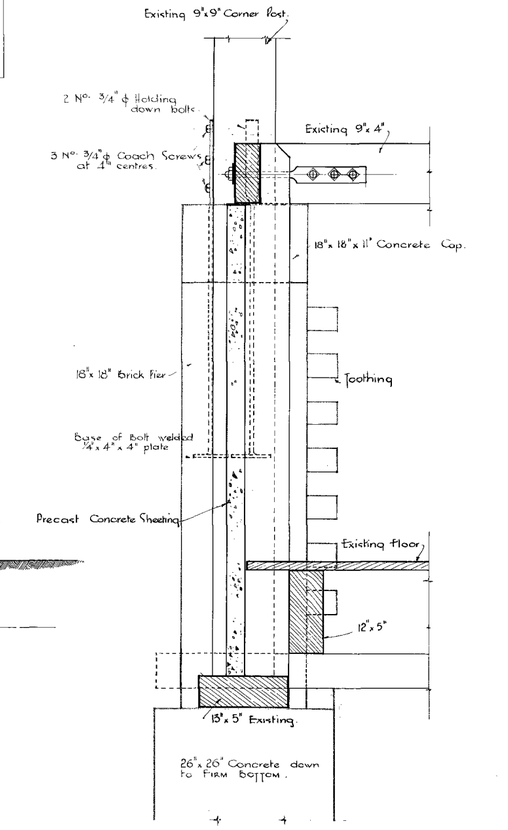




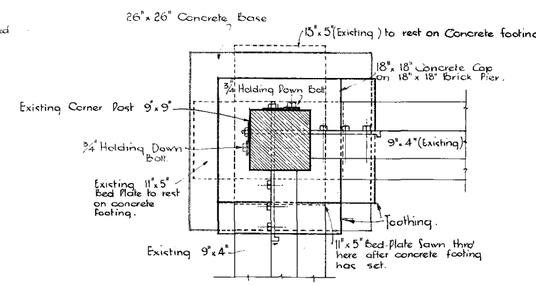
• SECTION A.A.



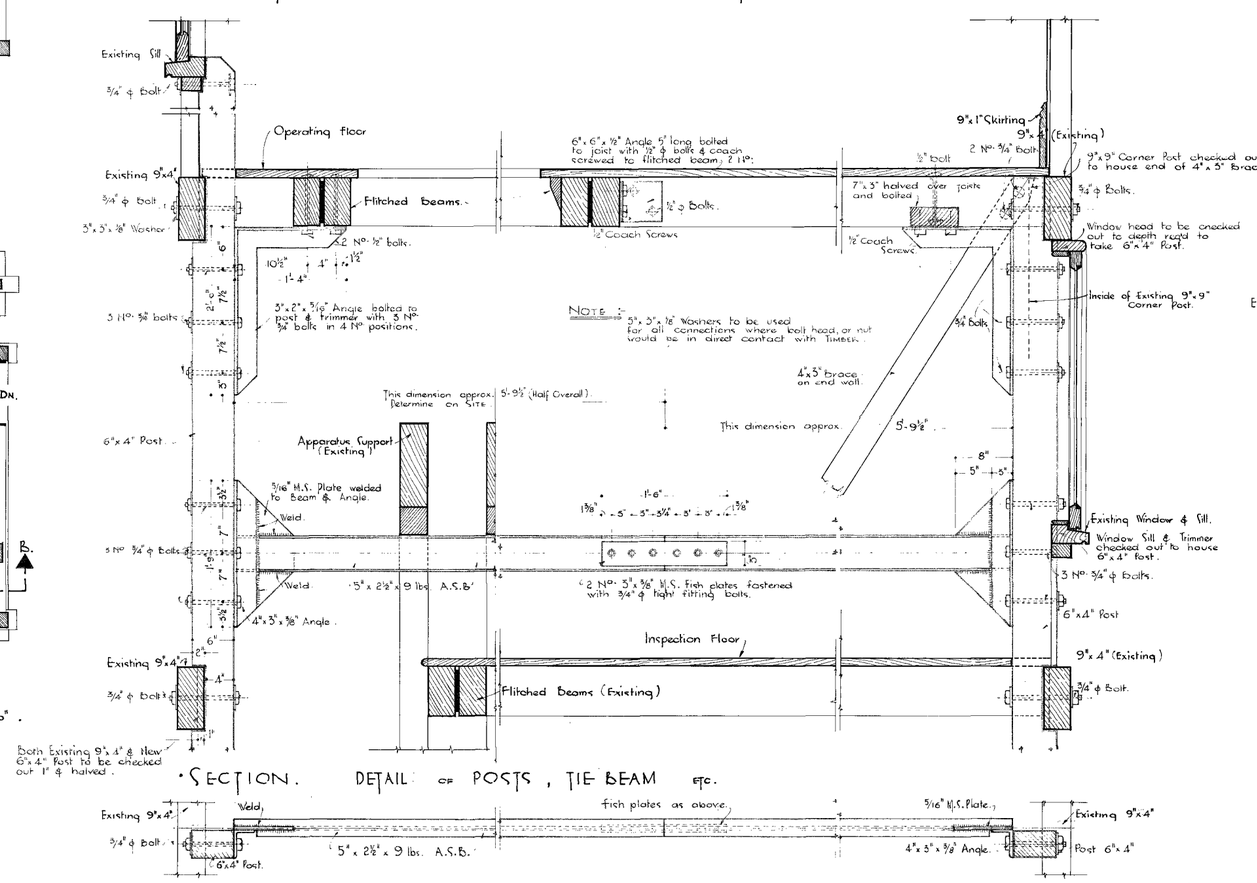
• SECTION B.B.



• DETAIL AT "C".



• PLAN AT "C".



• SECTION. DETAIL OF POSTS, TIE BEAM etc.

• PLAN. POSTS & TIE BEAM.

Scale 1" = 1'-0".

a. Signal & Telegraph Engineer.

V.R.
BACCHUS MARSH
RECONDITIONING OF "SIGNAL BOX".

Scales :- ¼" = 1'-0" & 1" 1'-0".

8/4/49
Chief Civil Engineer.

Work Completed. 9.4.53				B. 232	PLAN No.
Drawn. W.T.	Checked.	Corres. No. 3429/50	R.E. May. Chief Architect.	A. 64.	248-49

232

VICTORIAN RAILWAYS

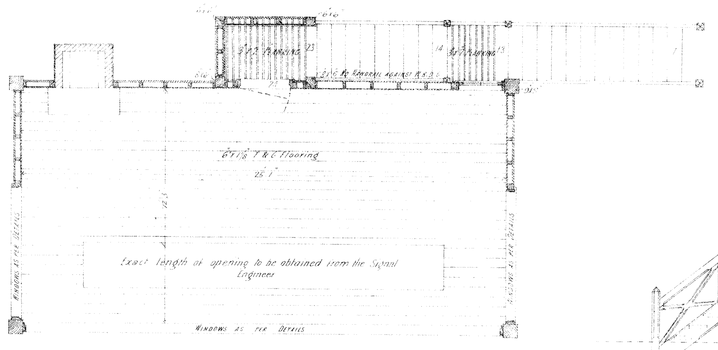
Signal Box at Bacchus Marsh

SIZE 25'-1" x 12'-3" HEIGHT ABOVE PLATFORM 14'-0"

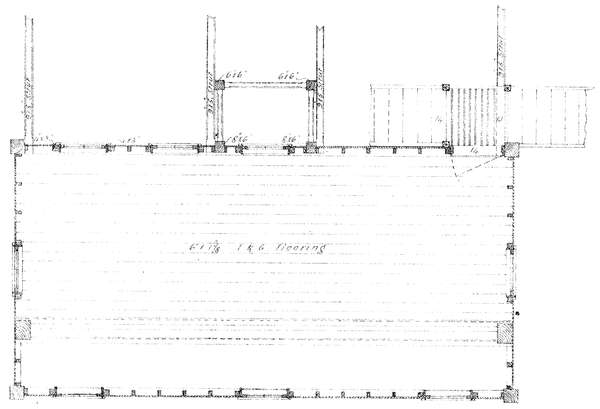
Scale 4 feet to 1 Inch

CONTRACT Nº 4263
Nº1.

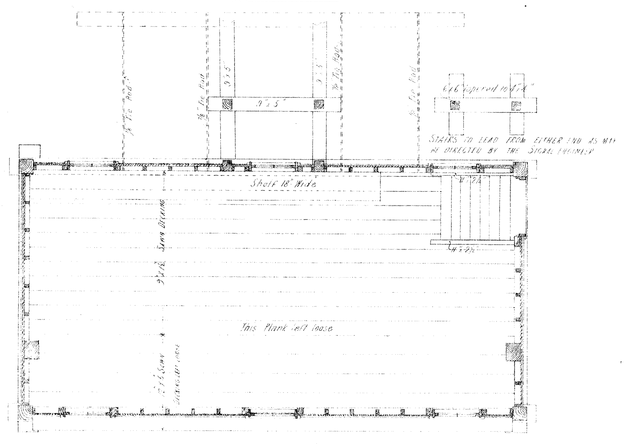
Lith. Nº of Nº 2 Sheet 11 1/90



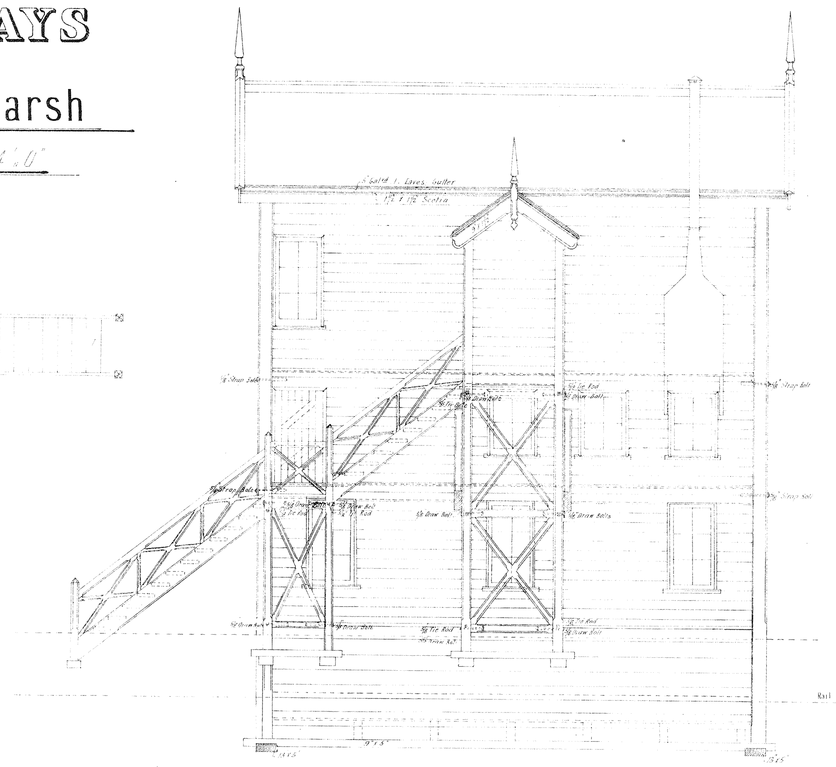
2nd FLOOR PLAN



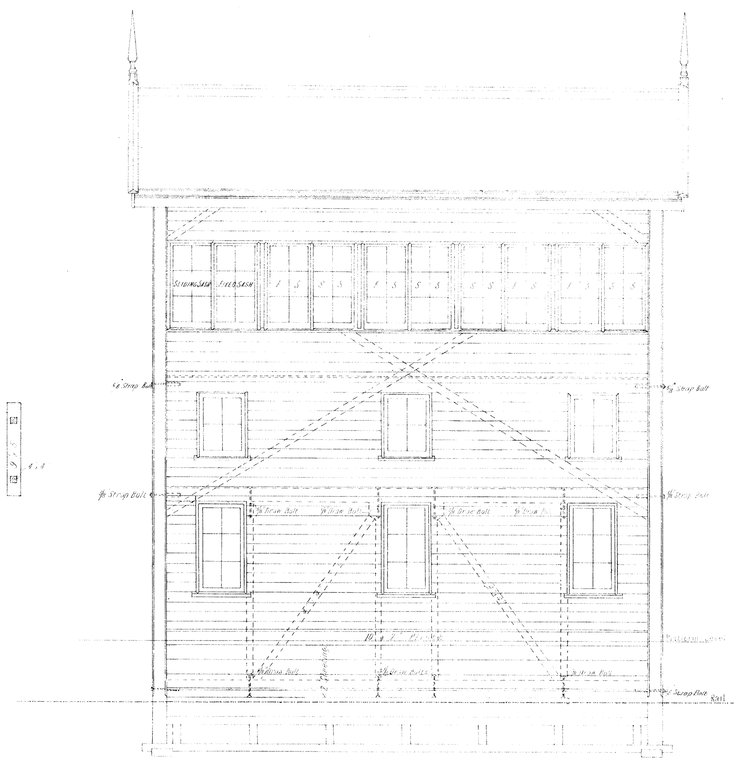
1st FLOOR PLAN



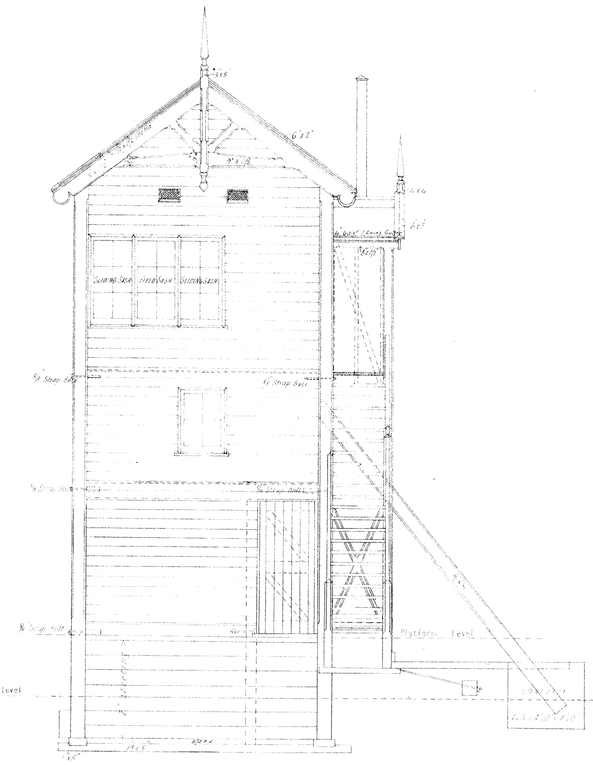
GROUND FLOOR PLAN



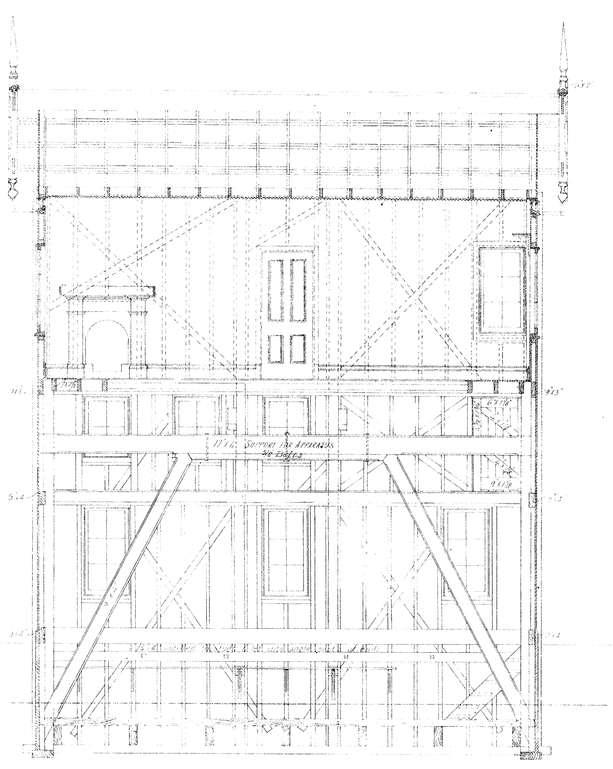
BACK ELEVATION



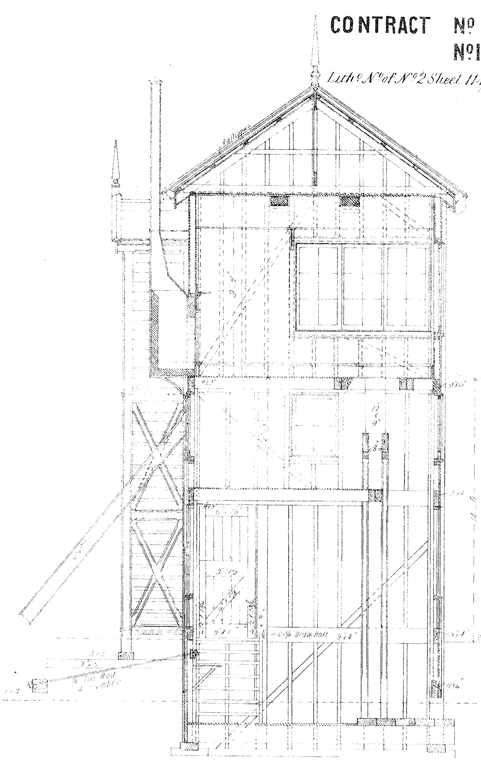
FRONT ELEVATION



END ELEVATION



LONGITUDINAL SECTION



CROSS SECTION

SCANTLINGS

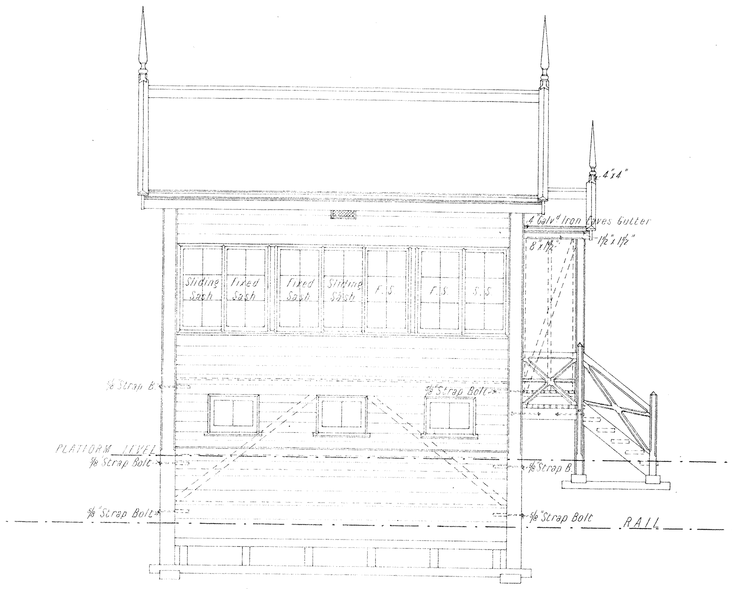
Tower Floor Joists	8x6"
Upper Floor Joists	12x3
Trifle Joists	9x3
Porch Roof Rafters	6x6"
Porch Posts	6x6"
Trimmer Joists & Braces	3x3"
Trimmer Joists	3x3"
Intermediate Joists	3x3"
Fillet Studs	4x1½"
Diagonal Bracing	4x1½
Trimming Frame Lower Rail	4x6"
Trimmer Sills	9x8"
Main Ceiling Joists & Rafters	5x3½
Collar Ties	3x3½
Binder	9x7"
Trimming Pieces	3x6"
Ridge Pieces	9x1½
Purlins	9x7"
Porch Ceiling Joists & Rafters	3x2"
2nd Floor Joists	9x3½
1st Floor Joists	12x3½
T & G Flooring	6x1⅛
Skirting Boards 1 coat Work	9x1⅛
T & G V jointed Lining, Walls	6x⅞
T & G Beaded Lining Ceilings & Gables	5x⅞
Main Eaves Boards	12x1⅛
Porch Eaves Board	8x1⅛
Main Fascias	9x1
Porch Fascia	7x⅞
Sash Sticks & Top Rails	2½x3½
Sash Bottom Rails (1 coat work)	6x3½
Sash Bottom Rails Hard Sashes	6x3½
Mantles Front Window	6x3½
Glass Check Joint	1½x½
Sash Sunken Bearers	1½"
Porch Landing Cross Bearer	3x3"
Exit Landing Bearers	3x3"
Roll Landing Cross Bearer	4x3"
Stairs Side Joists	9x3"
Stair and Porch Risings ¾ apart	8x1"
Stair Rails	6x1½
Stair Rails 2 coat Superfine	6x1½
Stair Rails Bracing	3x1½
Stair Rails Strutting pieces	4x1½
Stair Strings	9x2½
Stair Treads	9x1"
Stair Dwarf Wall	12x2½
Stair Stanchions & Handrail Bracing	3x2"
Porch Rails Bracing	4x1½
Porch Rails Strutting Pieces	3x1½
Lower Door Sill	6x1½

On most Scantlings see Drawings

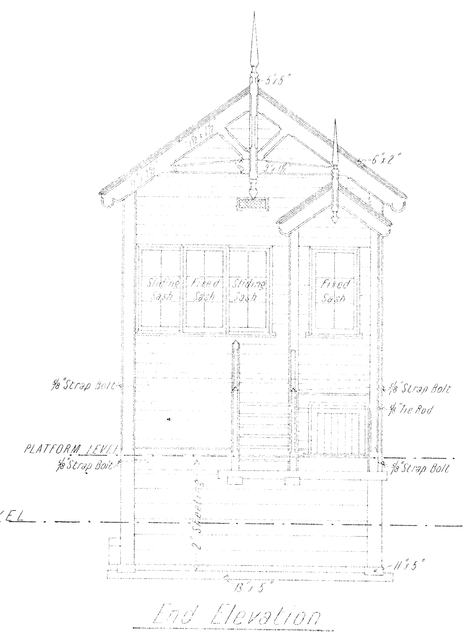
Concrete Piers 2'-0" Deep in Ground 1'-0"x1'-0"x1'-6"

RAILWAY DEPARTMENT, MELBOURNE, JAN. 1890
Nº 421.

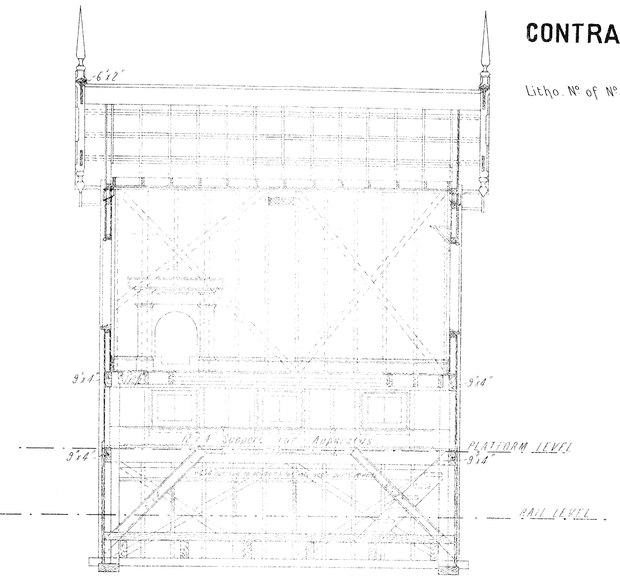
CONTRACT Nº 4521
Nº 1
Litho. Nº of Nº 2 Sheet. 134 | 90



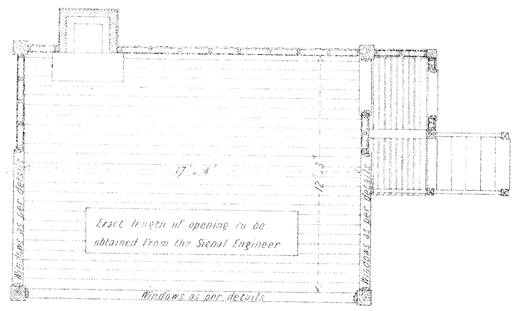
Front Elevation



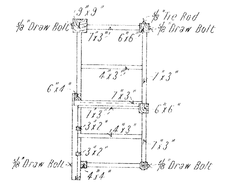
End Elevation



Longitudinal Section

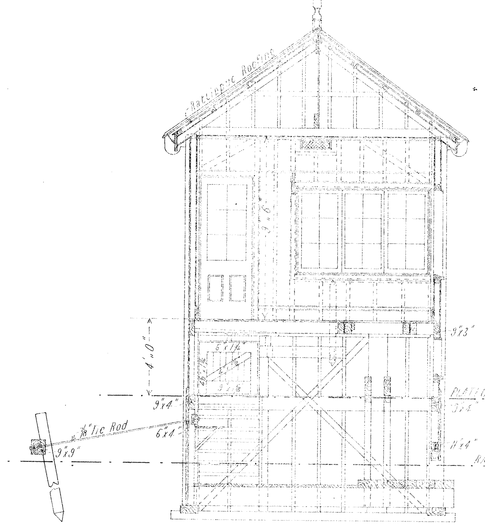


Upper Floor Plan

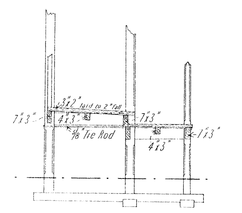


Ground Floor Plan

Plan of Framing of Landing



Cross Section



Cross Section thro Porch

VICTORIAN RAILWAYS

MELBOURNE & ADELAIDE LINE

Signal Box at Ballan

SCALE 4 FEET TO AN INCH

Size 17'4" x 12'3" — Height above Platform 4'0"

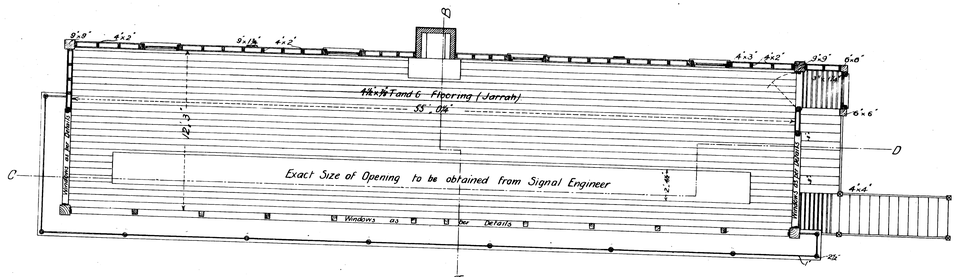
SCANTLINGS

Lower Floor Joists	12" x 5"	T G & beaded linings [Ceilings & Soffits]	6" x 5/8"
Apparatus Standards	12" x 9"	Lower Door Post	6" x 4"
Angle Posts	9" x 9"	Main Eaves Board	11" x 1 1/8"
Porch Posts	6" x 6"	Porch Eaves Board	8" x 1 1/8"
Trimmer Studs & Heads	3" x 3"	Main Skirting	9" x 1"
Intermediate Studs below Platform Line	4" x 2"	Porch Skirting	9" x 1"
Fillet Studs do do do	4" x 1 1/2"	Sash Stiles & Top Rails	2 1/2" x 1 1/8"
Intermediate Studs above Platform Line	3" x 2"	Sash Bottom Rails [Lower & Sliding Sashes]	3 1/2" x 1 1/8"
Fillet Studs do do do	3" x 1 1/2"	Sash Bottom Rails [Fixed Sashes]	4 1/2" x 1 1/8"
Diagonal Bracing	4" x 1 1/2"	Muntins Front Upper Window	4" x 2 1/8"
Bracing Front Lower Wall	4" x 2"	Glass throughout	16" x 12"
Trimmer Sills	3" x 2"	Porch Landing Bearers	7" x 3"
Main Ceiling Joists and Rafters	5" x 1 1/2"	Porch Landing [Cross bearers]	4" x 3"
Collar Ties	3" x 1 1/2"	Stairs Sole Plates	9" x 5"
Binder	9" x 2"	Stairs Landing & Porch Planking 1" apart	3" x 2"
Hanging Pieces	3" x 1 1/2"	Stair Posts	4" x 4"
Ridge Pieces	11" x 1 1/2"	Stair Strings	11" x 2 1/8"
Purlins	3" x 2"	Stair Treads	11" x 2"
Porch Ceiling Joists and Rafters	3" x 2"	Stair Handrail	4" x 2 1/8"
Upper Floor Joists	7" x 2 1/8"	Stair Stancheons and Handrail bracing	2 1/2" x 2"
T & G Flooring	6" x 1 1/8"		
Weatherboards 4 out	7" x 2 1/2"		
T G & V Jointed Lining [Walls]	6" x 5/8"		

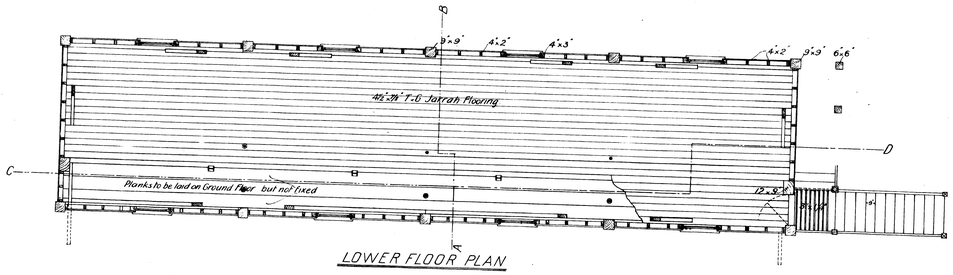
FOR OTHER SCANTLINGS see DRAWINGS.

RAILWAY DEPARTMENT MELBOURNE AUG 1890
M 1345

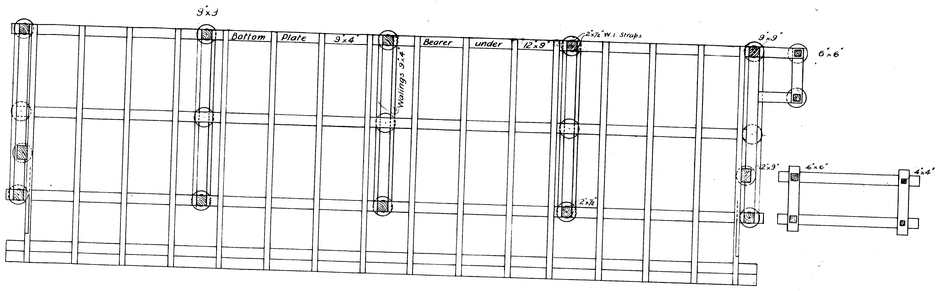
VICTORIAN RAILWAYS
BALLARAT STATION
SIGNAL BOX "A"
Scale 4ft to an Inch



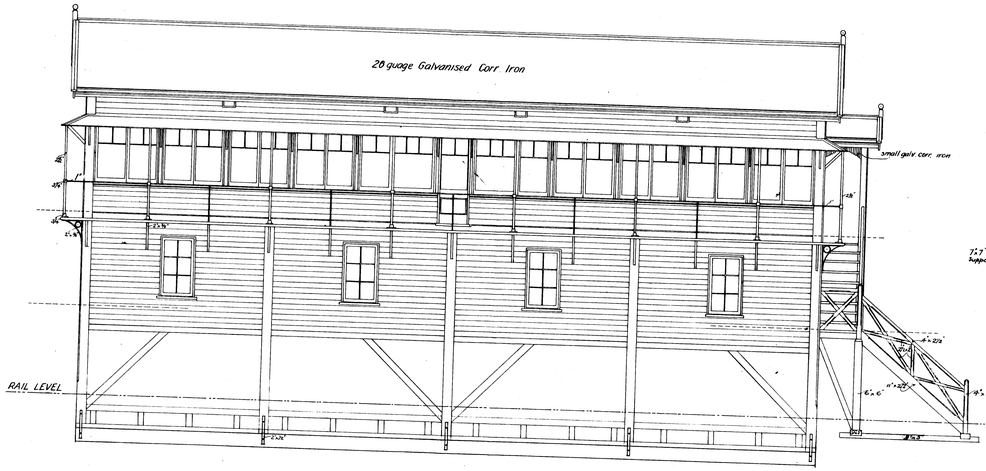
UPPER FLOOR PLAN



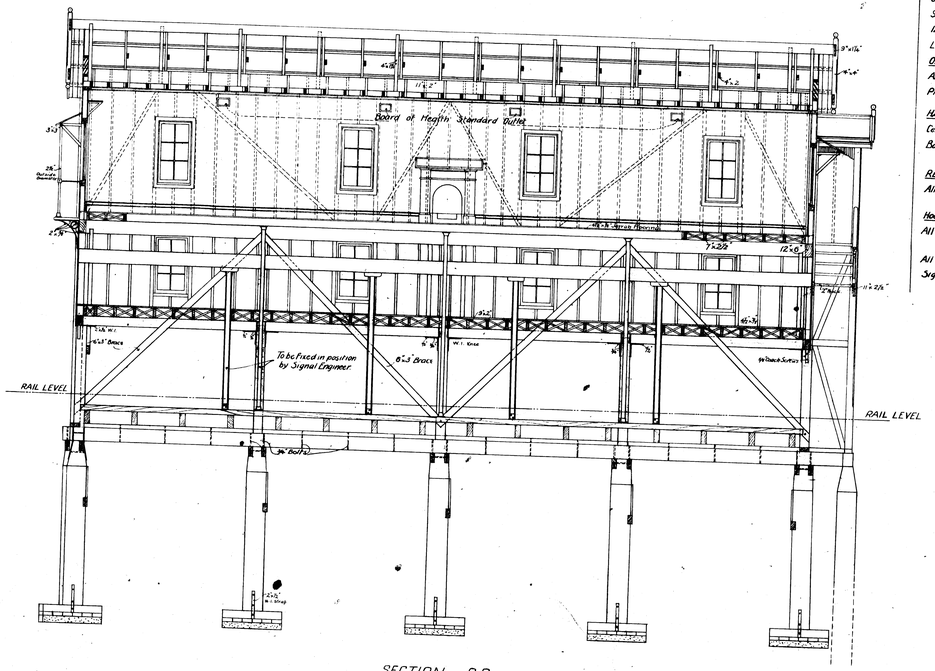
LOWER FLOOR PLAN



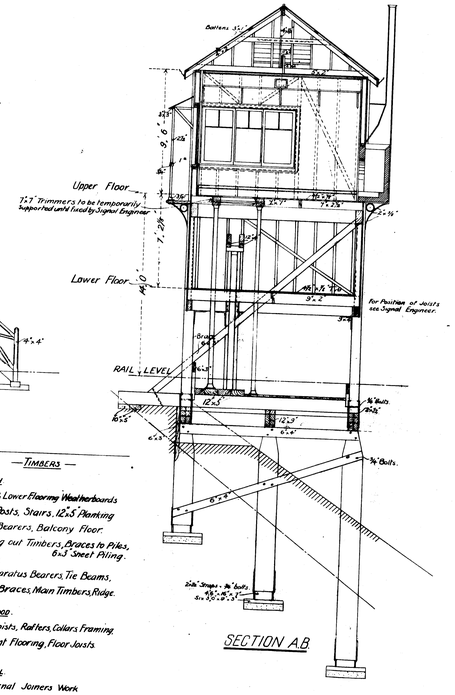
FOUNDATION PLAN



NORTH ELEVATION



SECTION C-D



SECTION A-B

— TIMBERS —

JARRAH

Upper & Lower Flooring Weatherboards
9"x9" Posts, Stairs, 12"x5" Planking
12"x9" Bearers, Balcony Floor.
Leading out Timbers, Braces to Piles, 6x3 Sheet Piling.

OREGON

All Apparatus Bearers, Tie Beams, Plates, Braces, Main Timbers, Ridge.

HARDWOOD.

Ceiling Joists, Rafters, Collars Framing, Basement Flooring, Floor Joists.

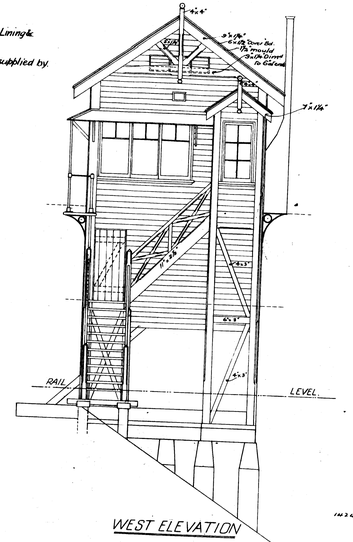
RED DEAL.

All External Joiners Work

HOOP PINE

All Internal Joiners Work, Lining &c.

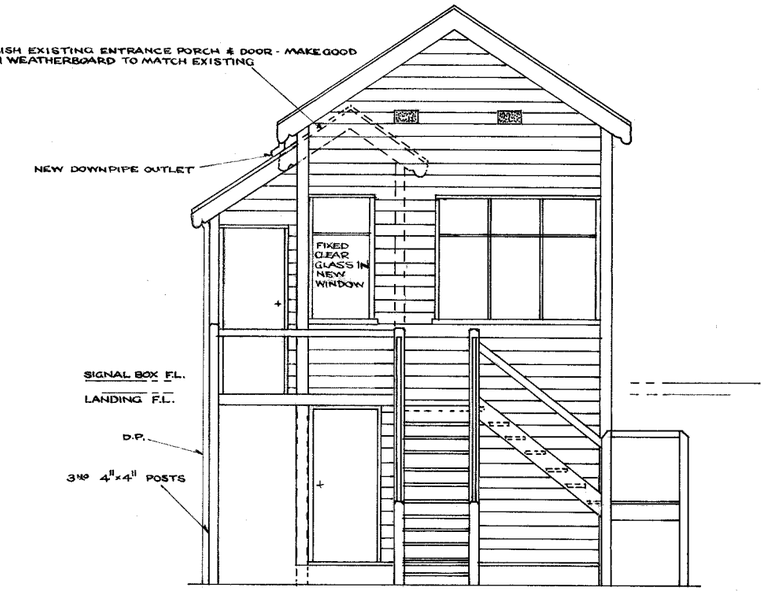
All Windows & Frames will be supplied by Signal Engineer.



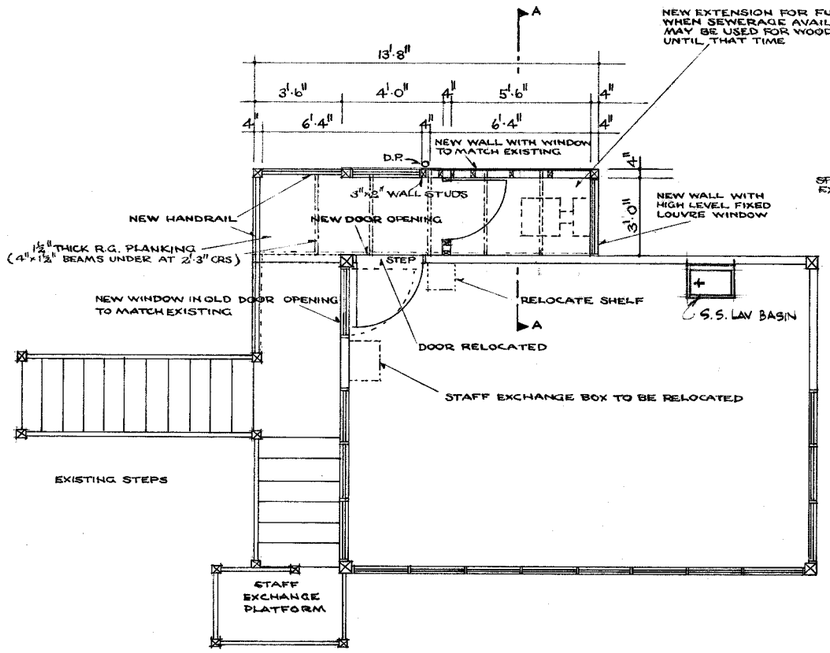
WEST ELEVATION



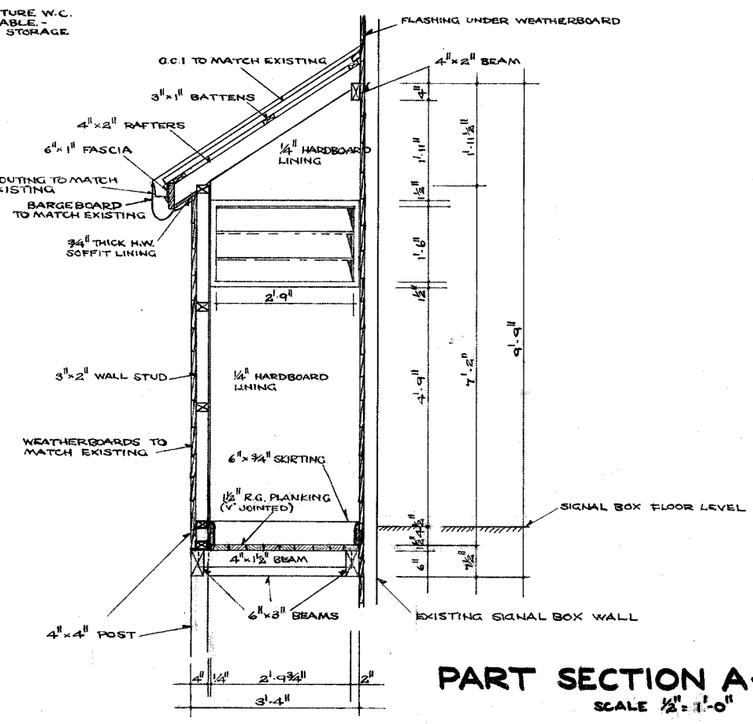
SOUTH ELEVATION SCALE ¼"=1'-0"



EAST ELEVATION SCALE ¼"=1'-0"



PLAN SCALE ¼"=1'-0"



PART SECTION A-A SCALE ½"=1'-0"

REVISION	DATE	AMENDMENT	REVISED by

V R

BALLARAT - LINTON JUNCTION SIGNAL BOX

PROPOSED ALTERATIONS TO IMPROVE SIGHT LINES

5.1.67

A/G CHIEF CIVIL ENGINEER

SCALE: As Shown

DRAWN	TRACED	CHECK	CORRES		B 339	PLAN. No
J.W.M.		J.H.E.		SENIOR ARCHITECT	C 65	928-66

339

PLAN ROOM

VICTORIAN RAILWAYS.

Melbourne to Adelaide LINE

SIGNAL BOX at Ballarat East

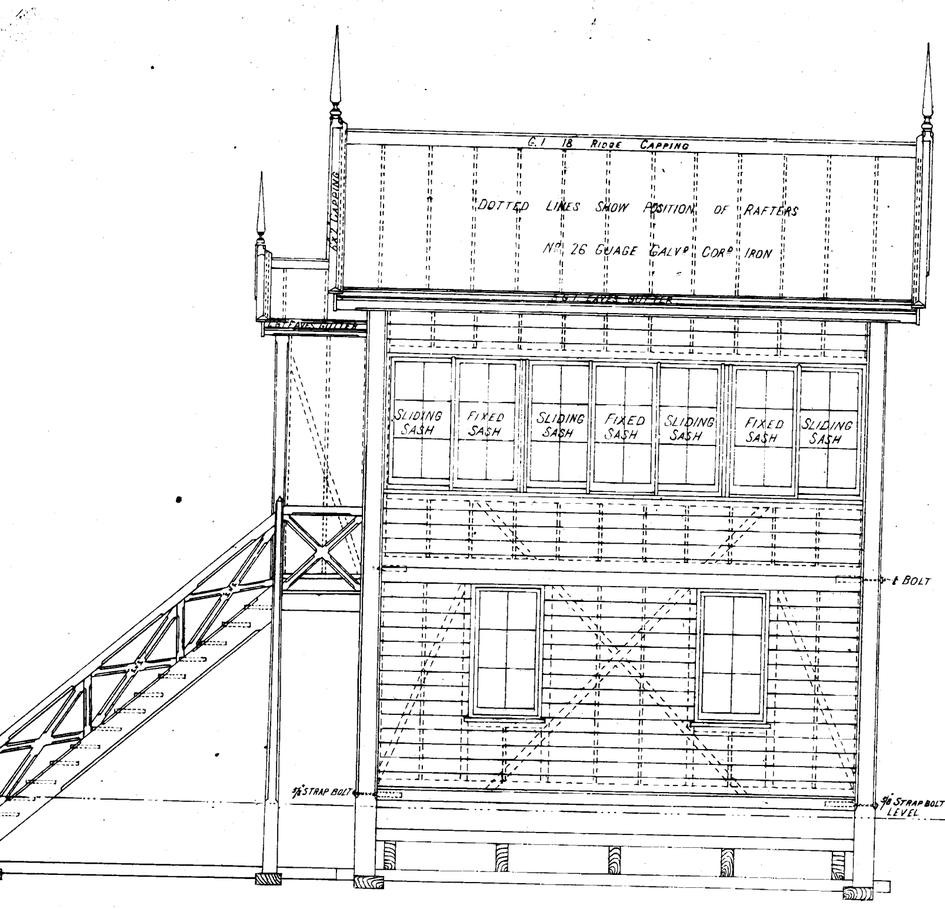
SCALE 4 FEET TO AN INCH

(SIZE 17·4 x 12·3
8·9 ABOVE RAIL)

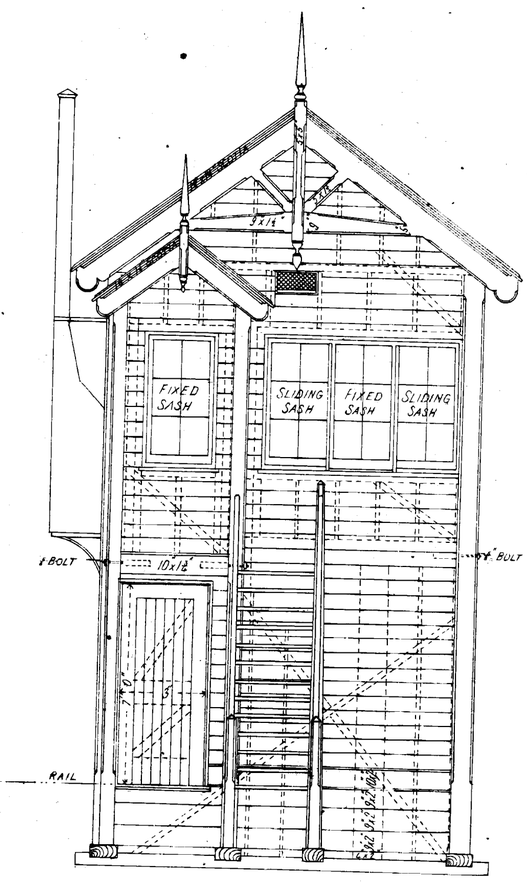
CONTRACT No. 3836

No. 1

Litho No. of No. 2 drawing 1047



FRONT ELEVATION



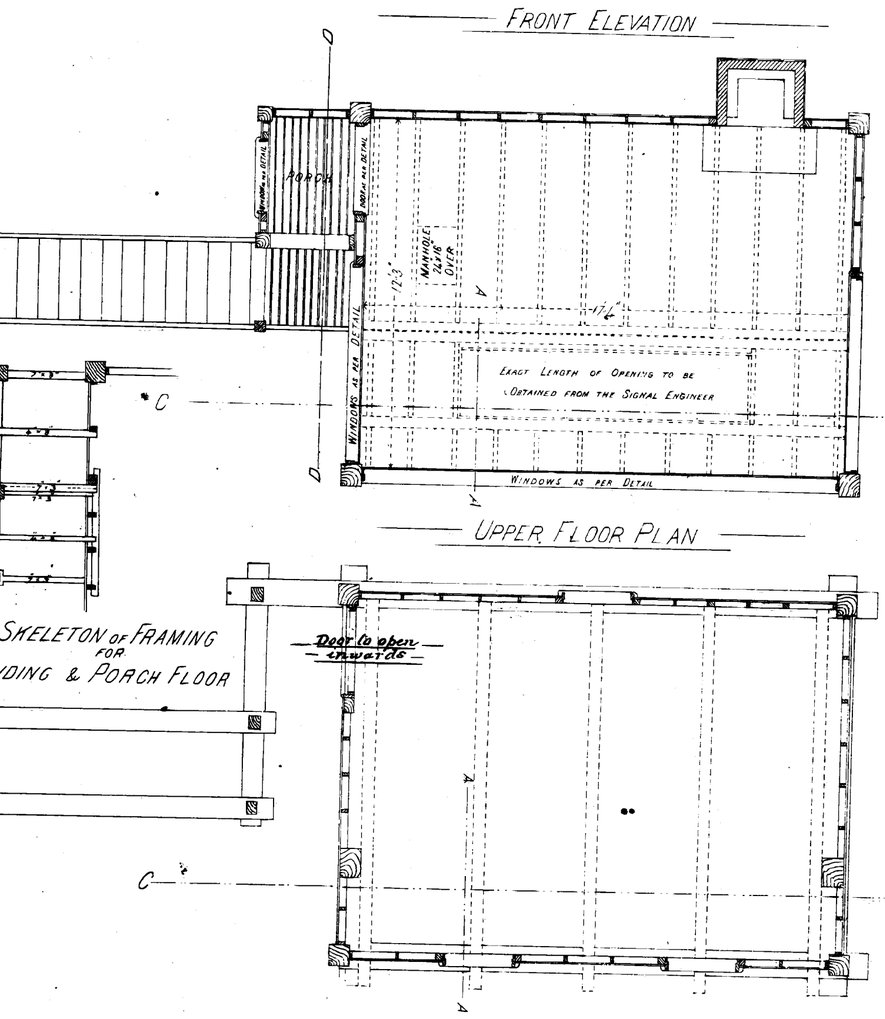
END ELEVATION



SECTION D.D. SHOWING UNDERSIDE OF STAIRS

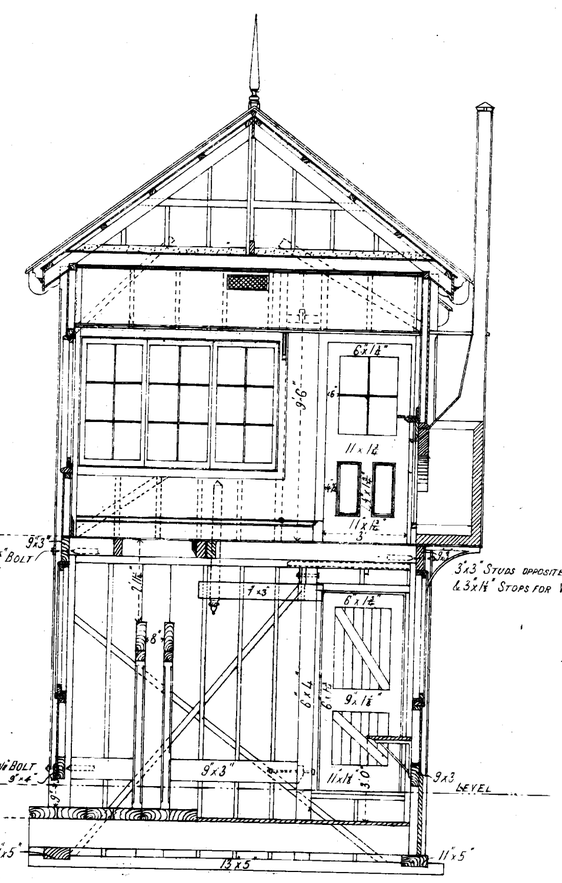
SCANTLINGS

Lower Floor Joists	12x5"
Apparatus Standards	12x9"
Angle Posts	9x9"
Porch Posts	6x6"
Trimmer Studs & Heads	3x3"
Intermediate Studs	3x2"
Fillet Studs	3x1½"
Diagonal Bracing	3x1½"
Trimmer Sills	3x2"
Main. Ceiling Joists	6x1½"
Collar Ties	3x1½"
Binder	9x2"
Hanging Pieces	3x1½"
Ridge Piece	11x1½"
Porch Ceiling Joists & Rafters	3x2"
Purlins	3x2"
Upper Floor Joists	12x2½"
T & G Flooring	6x1"
Weatherboards L out of	7x2½"
T.e G.e & V Jointed Lining (Walls)	6"x"
T G & beaded Lining, Ceiling & Soffites	6x"
Main Eaves Board	11x1½"
Porch " "	8x1½"
Skirting Main	9"x1"
Skirting Porch	7x"
Sash Stiles & Top rails	2½x1¾
Sash Bottom Rails Lower & Sliding Sashes	3½x1¾
" " " Fixed Sashes	4½x1¾
Muntins	4"x2½
Glass Throughout	16"x12"
Stairs Side Plates	9"x5"
" Planning	3"x2"
" Posts & Newells	4"x4"
" " One Cut taper out of)	6"x6"
" Bracing	4"x2"
Strings	11"x2½
Treads	11"x2"
Handrail	4"x2½
" Stanchions & Bracing.	2½x2"

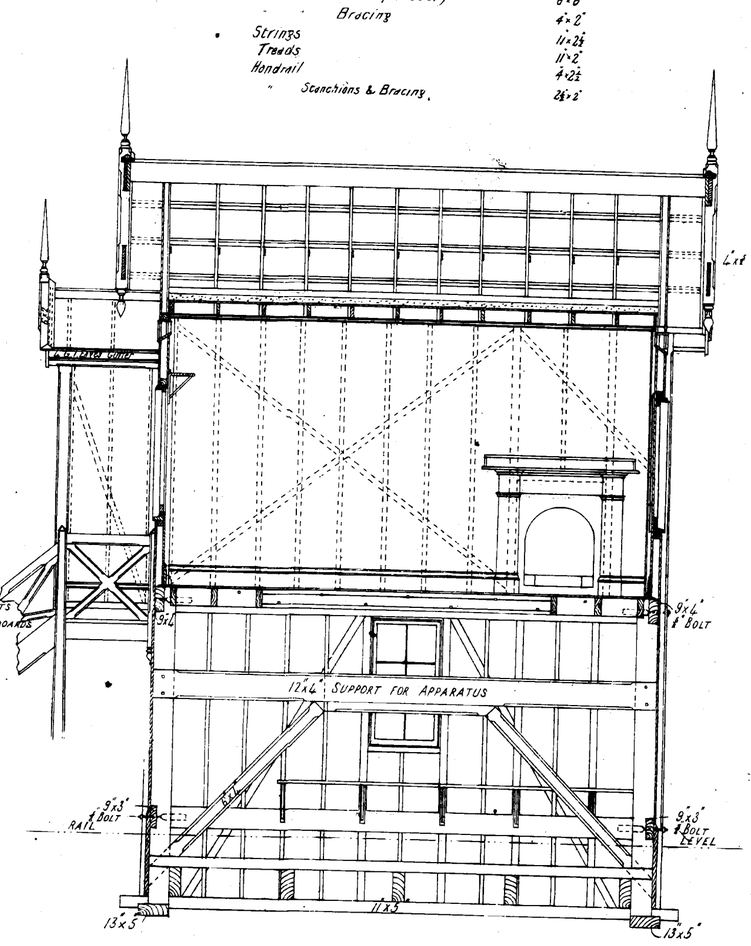


UPPER FLOOR PLAN

LOWER FLOOR PLAN



CROSS SECTION



SECTION C C

Extra T.G.&V Jointed Sarking

RAILWAY DEPARTMENT, MELBOURNE MAY 1888
No. 1040.

I .....accept this as one of the Drawings referred to in the Specification and Conditions upon which ..... based my Tender Dated the 11th day of March 89

Signature of Contractor .....

Witness to Signature .....

Date 27.3.89

ENGINEER FOR EXISTING LINES' OFFICE
CONTRACT No. 3836
EXHIBITED IN THE CONTRACTORS' ROOM.
From 1/3/89 To 11/4/89
By .....
RAILWAY DEPARTMENT

1889

AN ROOM

VICTORIAN RAILWAYS.

Melbourne & Adelaide LINE

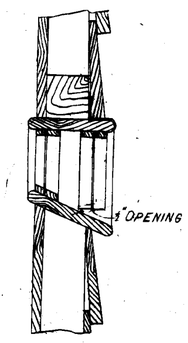
SIGNAL BOX at Ballarat East

SCALE ¾ FULL SIZE

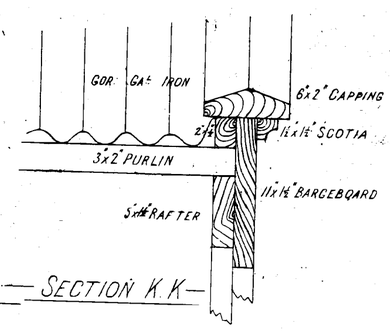
CONTRACT No. 3836

No. 2

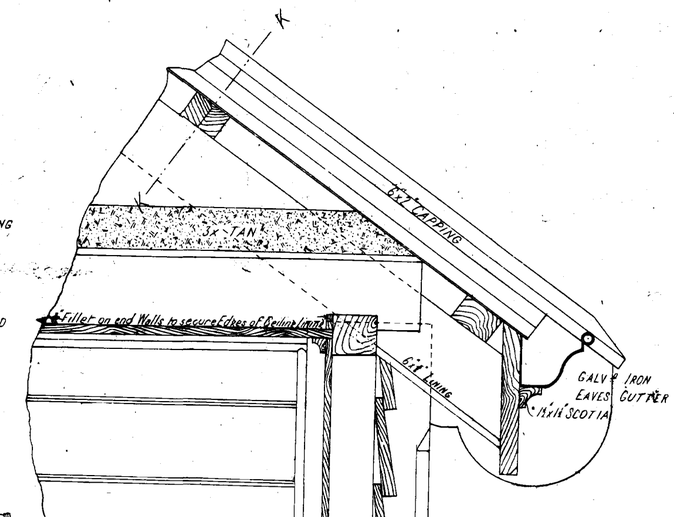
Litho No. of No. 1 drawing 1046

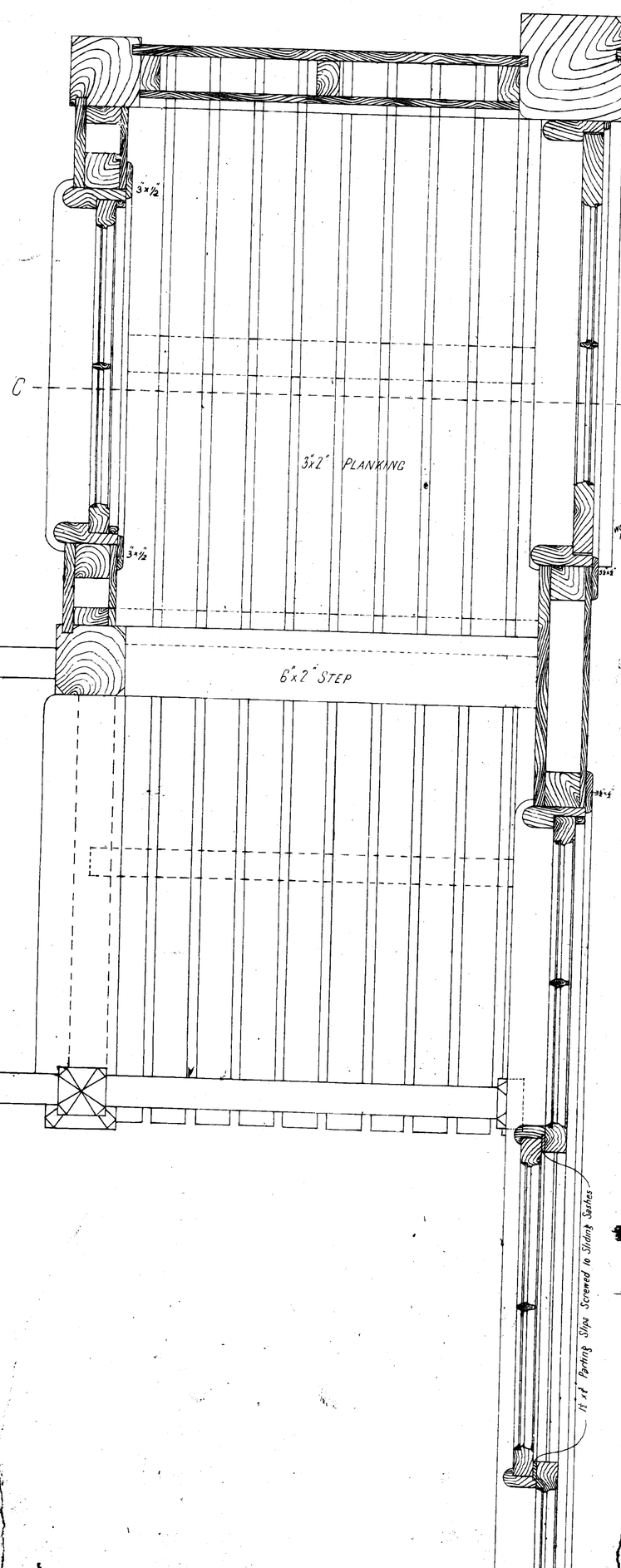


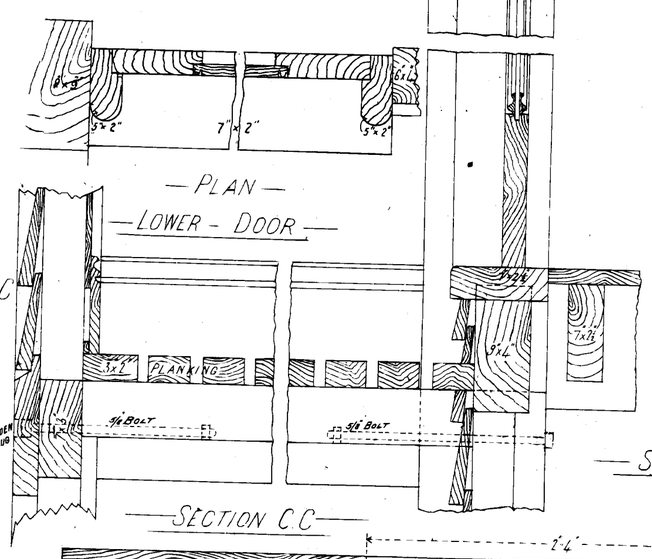
SECTION of VENTILATOR

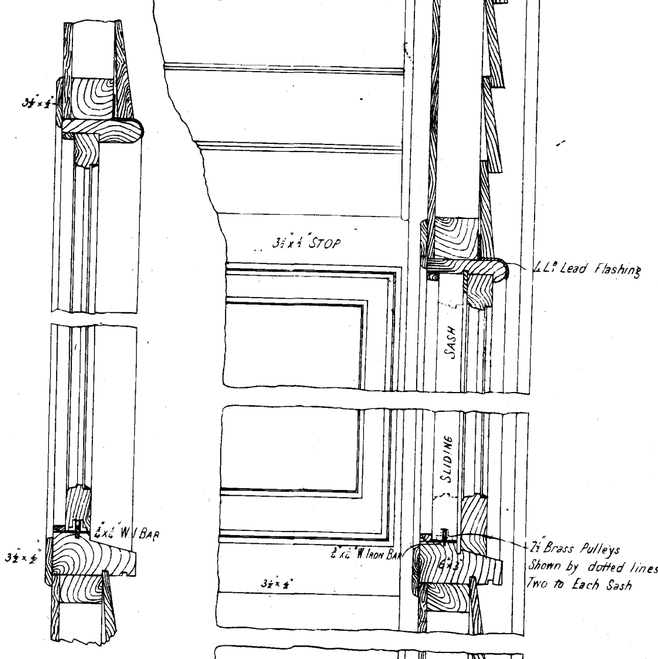


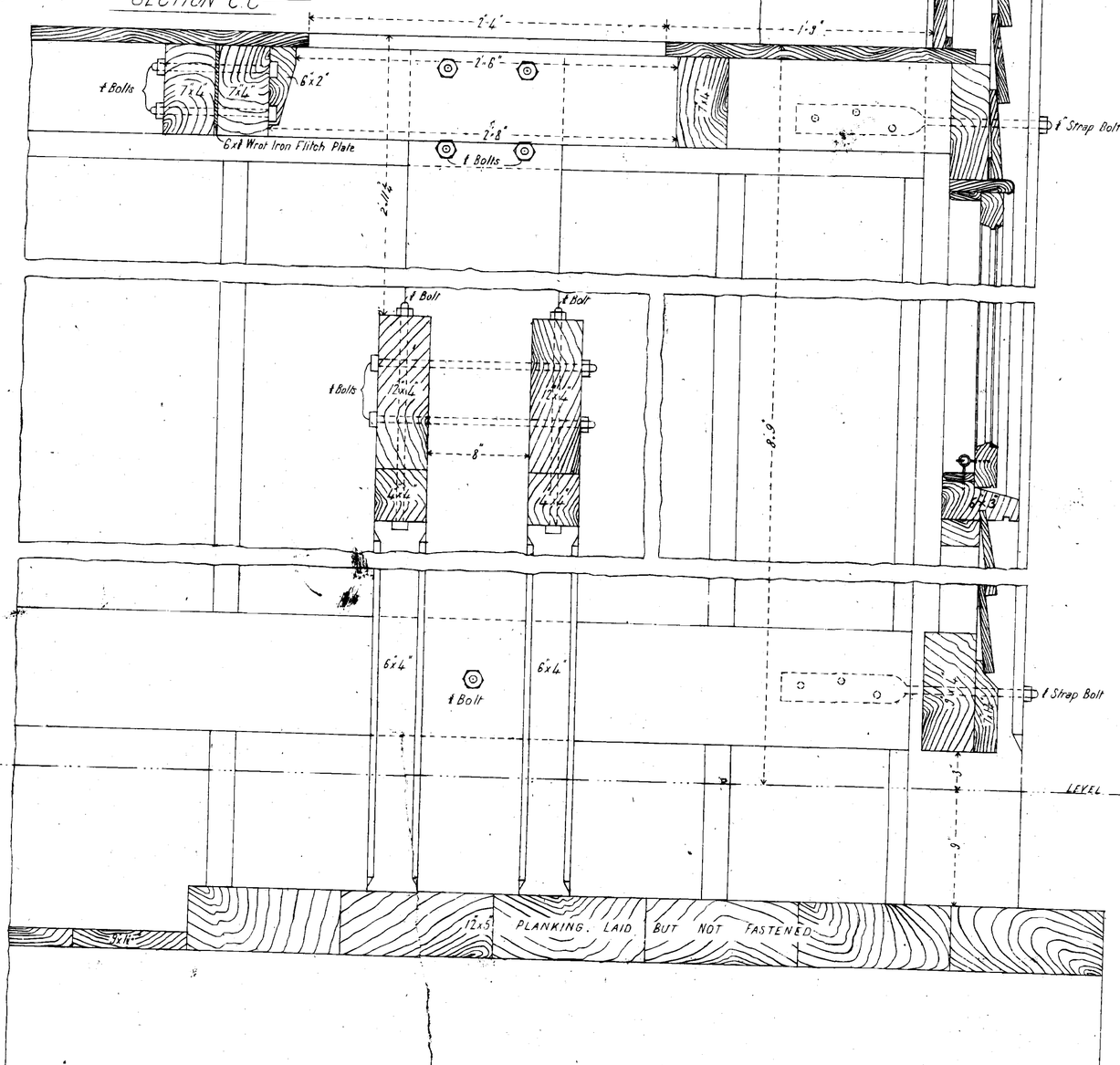
SECTION K.K



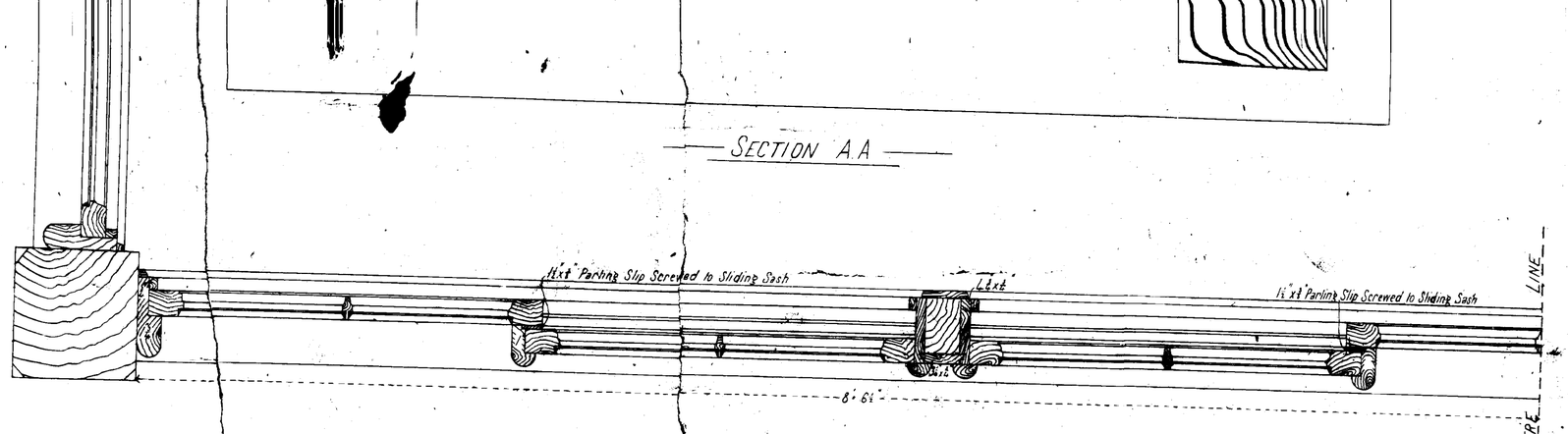


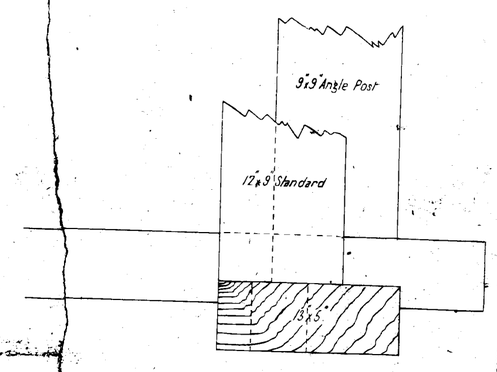




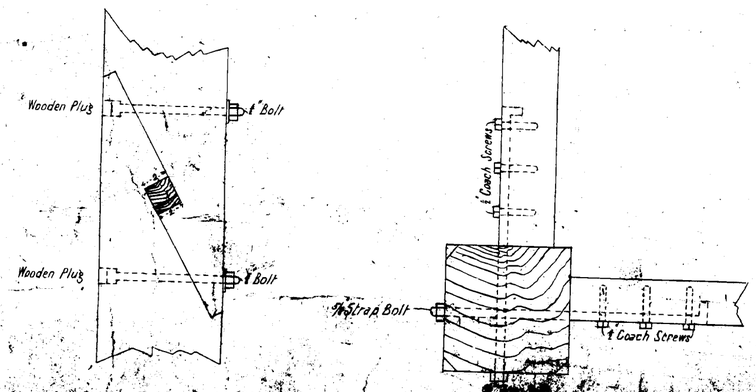


SECTION A.A





METHOD of FIXING FOOT of APPARATUS to STANDARD



SECTION of ANGLE STANCHION

AN ROOM

VICTORIAN RAILWAYS.

Melbourne & Adelaide LINE

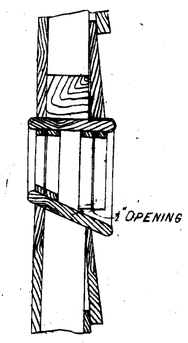
SIGNAL BOX at Ballarat East

SCALE ¾ FULL SIZE

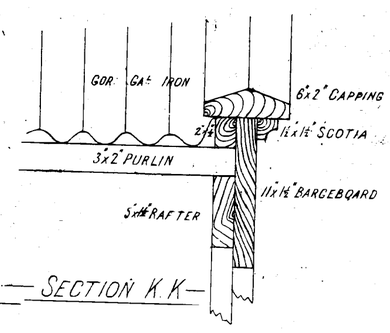
CONTRACT No. 3836

No. 2

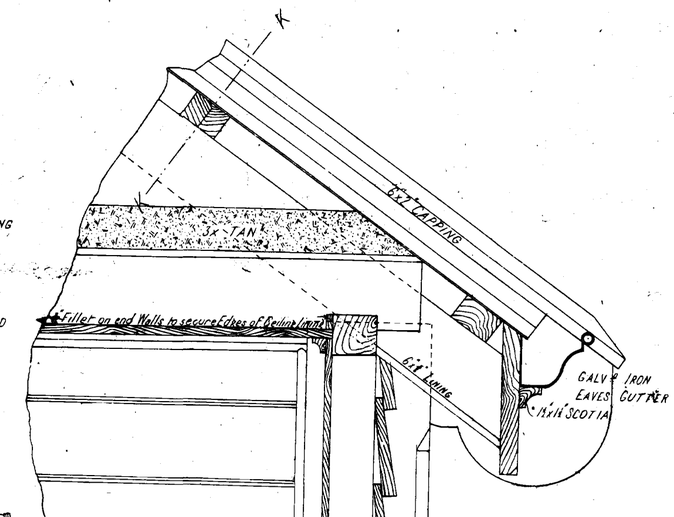
Litho No. of No. 1 drawing 1046

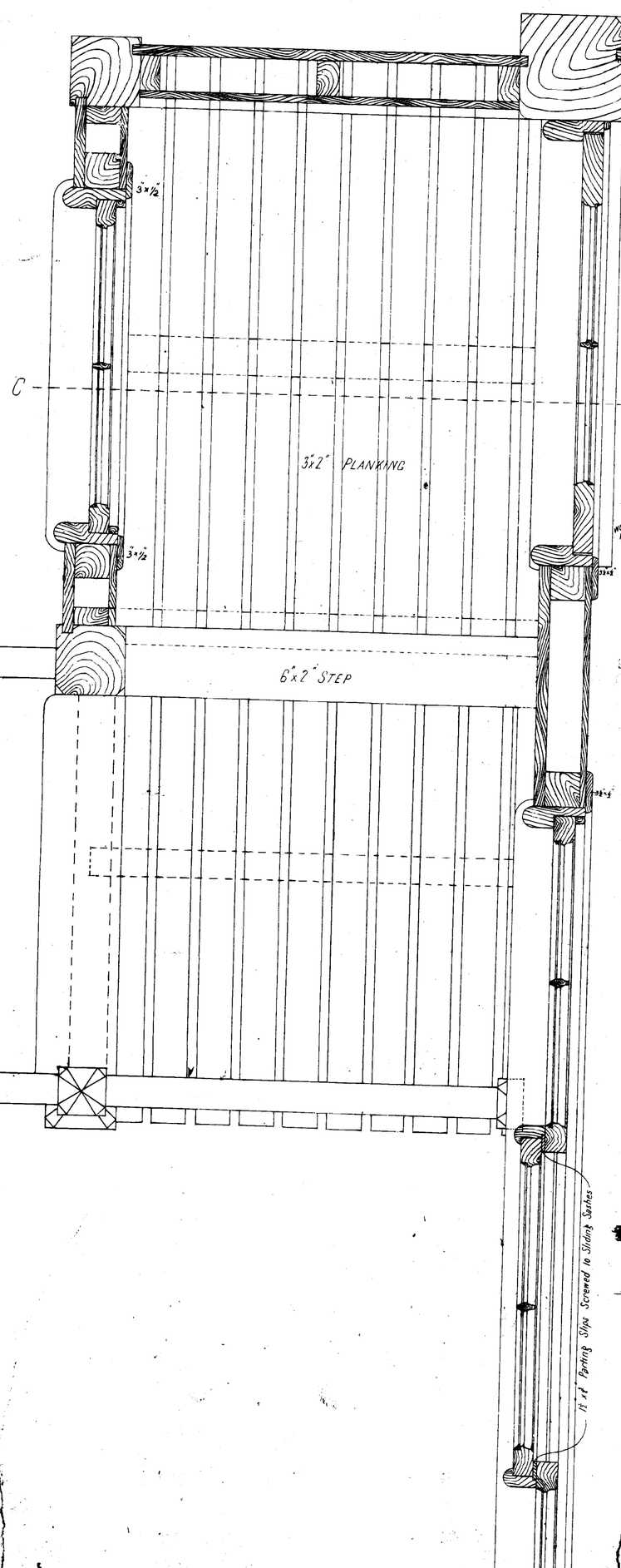


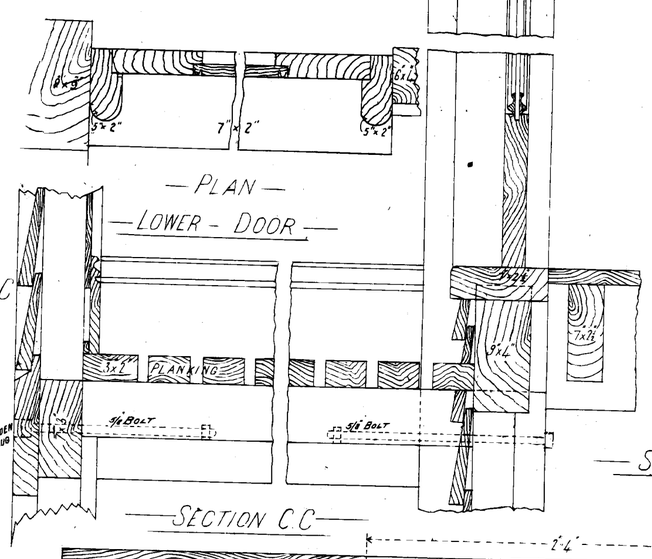
SECTION of VENTILATOR

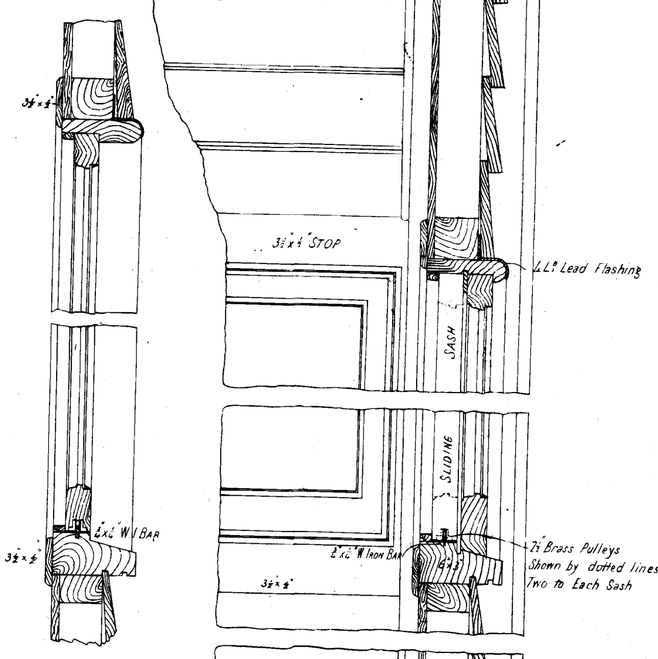


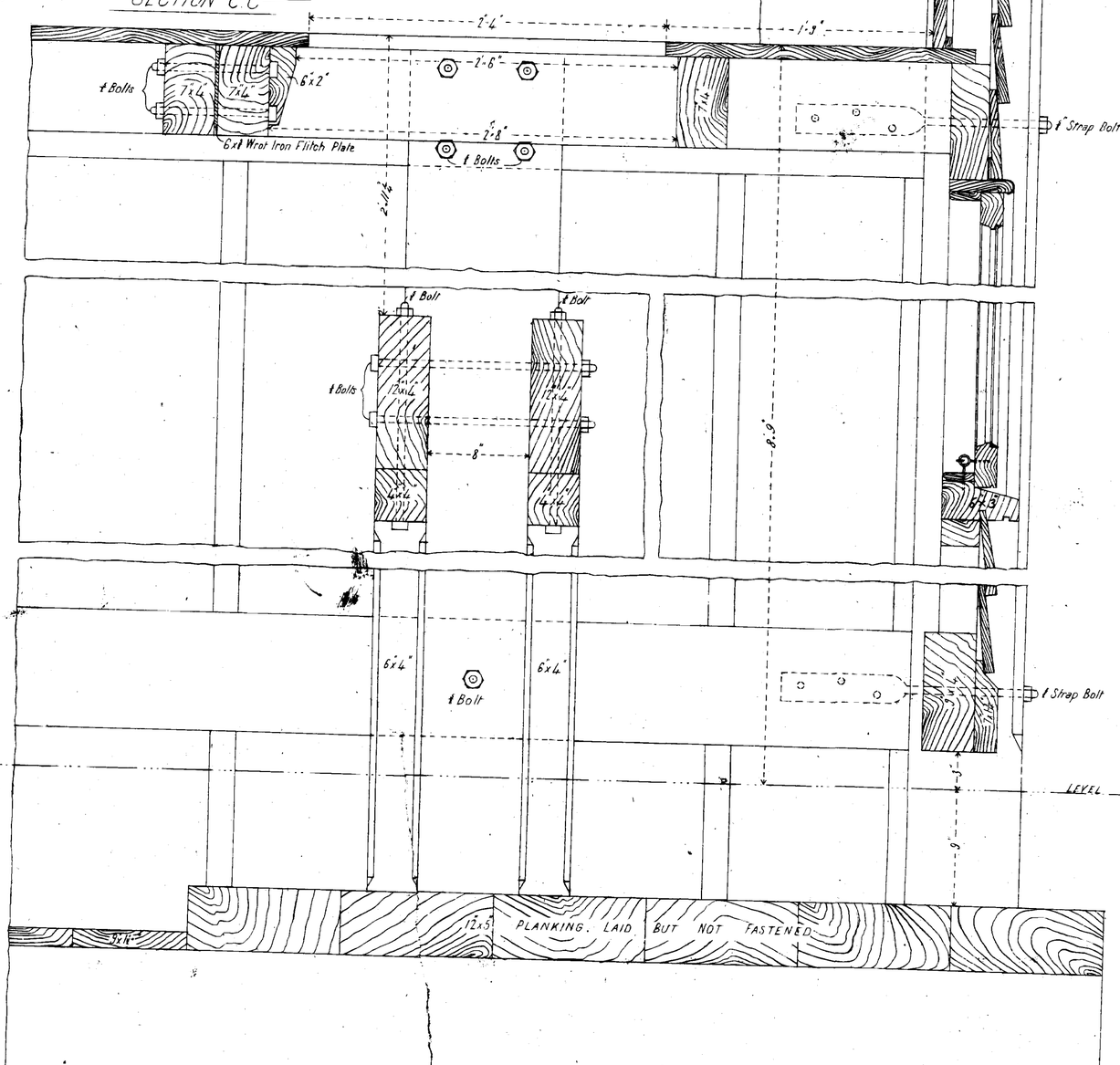
SECTION K.K



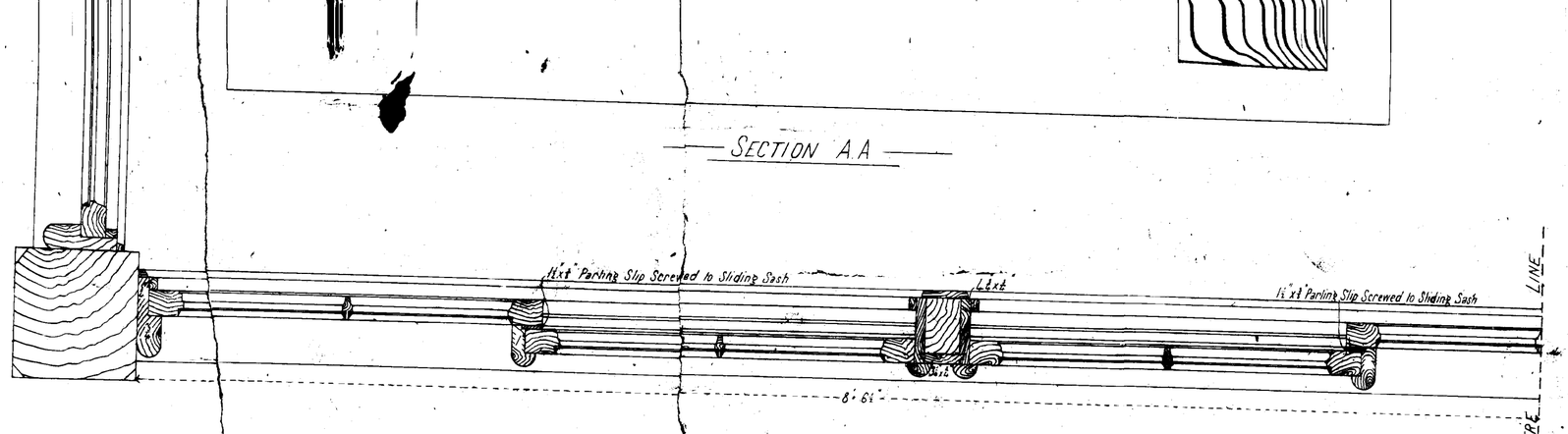


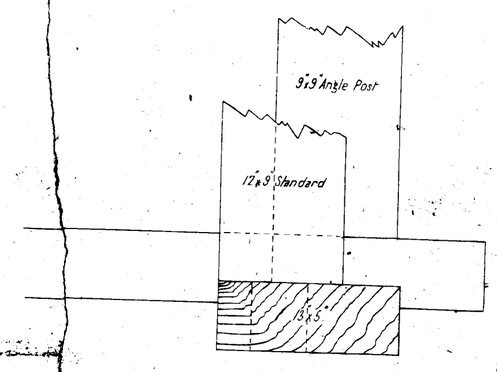




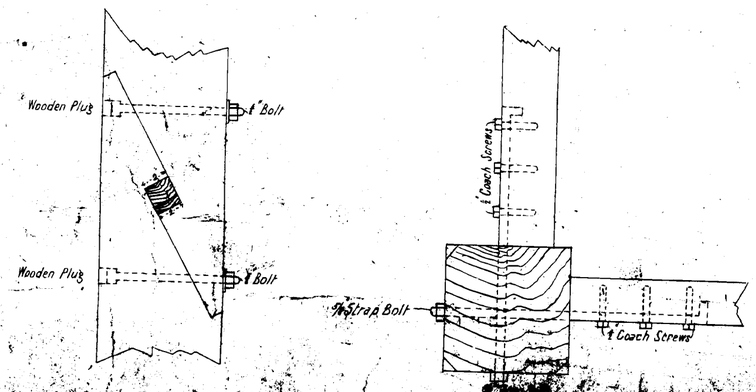


SECTION A.A





METHOD of FIXING FOOT of APPARATUS to STANDARD



SECTION of ANGLE STANCHION

682 14

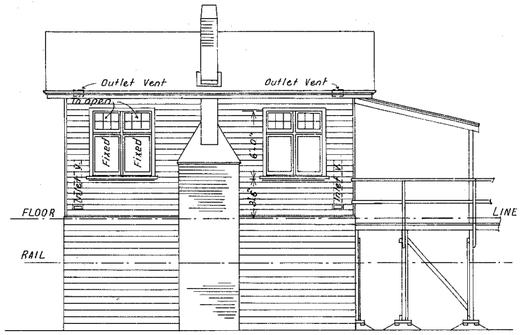
— V. R. —

— BALMATTUM. —

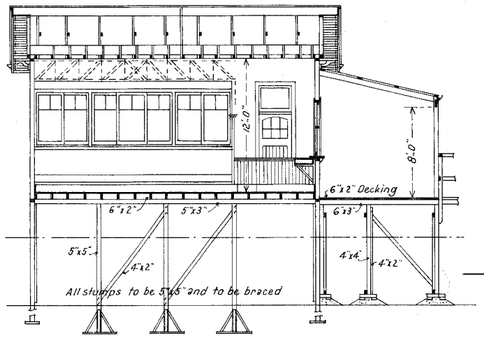
— Combined Booking Office and Signal Box. —

Scales 8 Ft. to an Inch.
½ " " " "

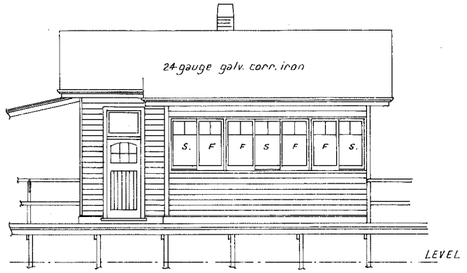
LEM. W.W. 1826/14/14



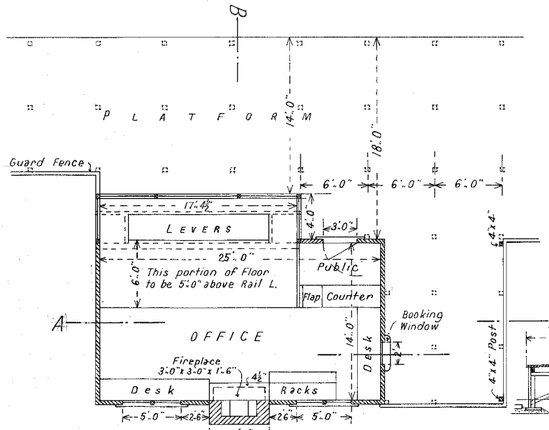
— ELEVATION TO APPROACH —



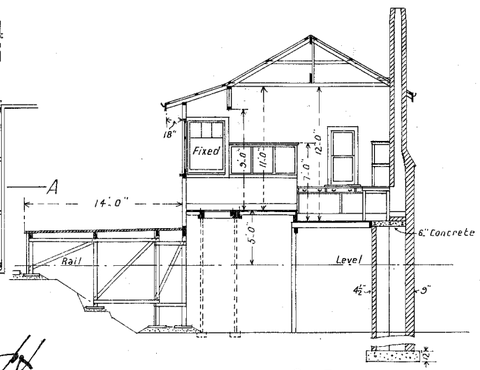
— SECTION A.A. —



— ELEVATION TO PLATFORM —



— PLAN —



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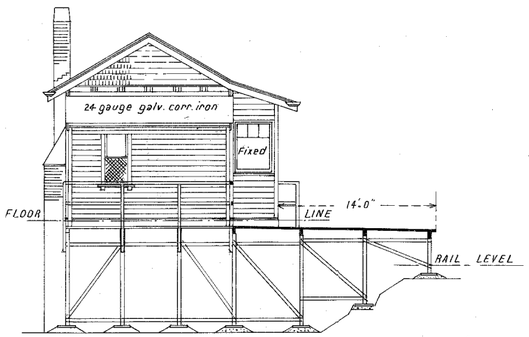

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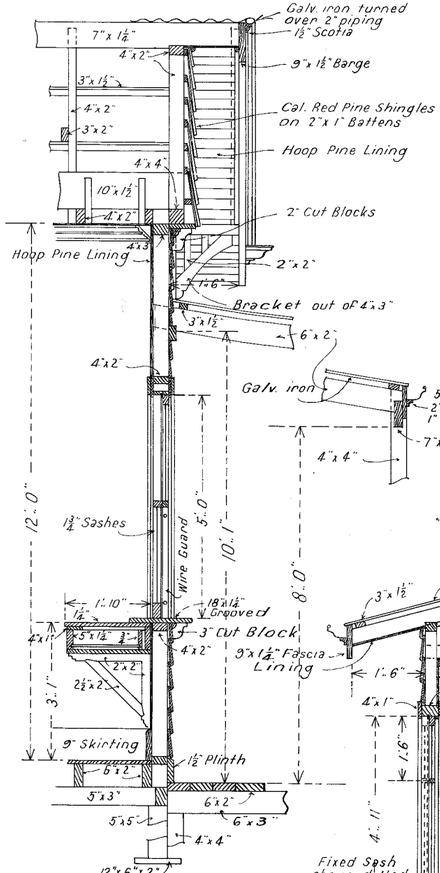
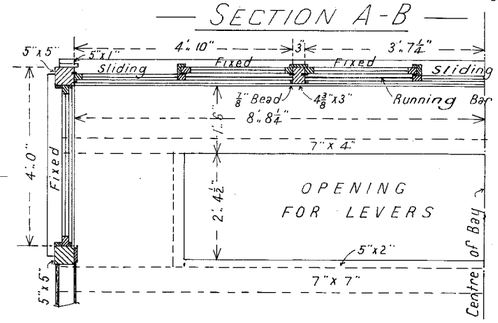
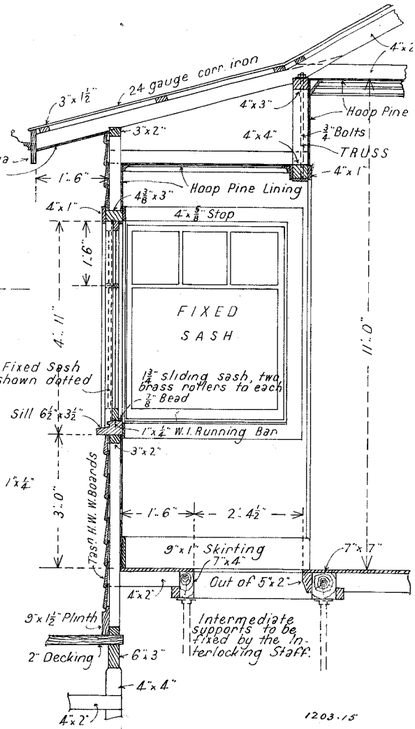


— SECTION A-B —



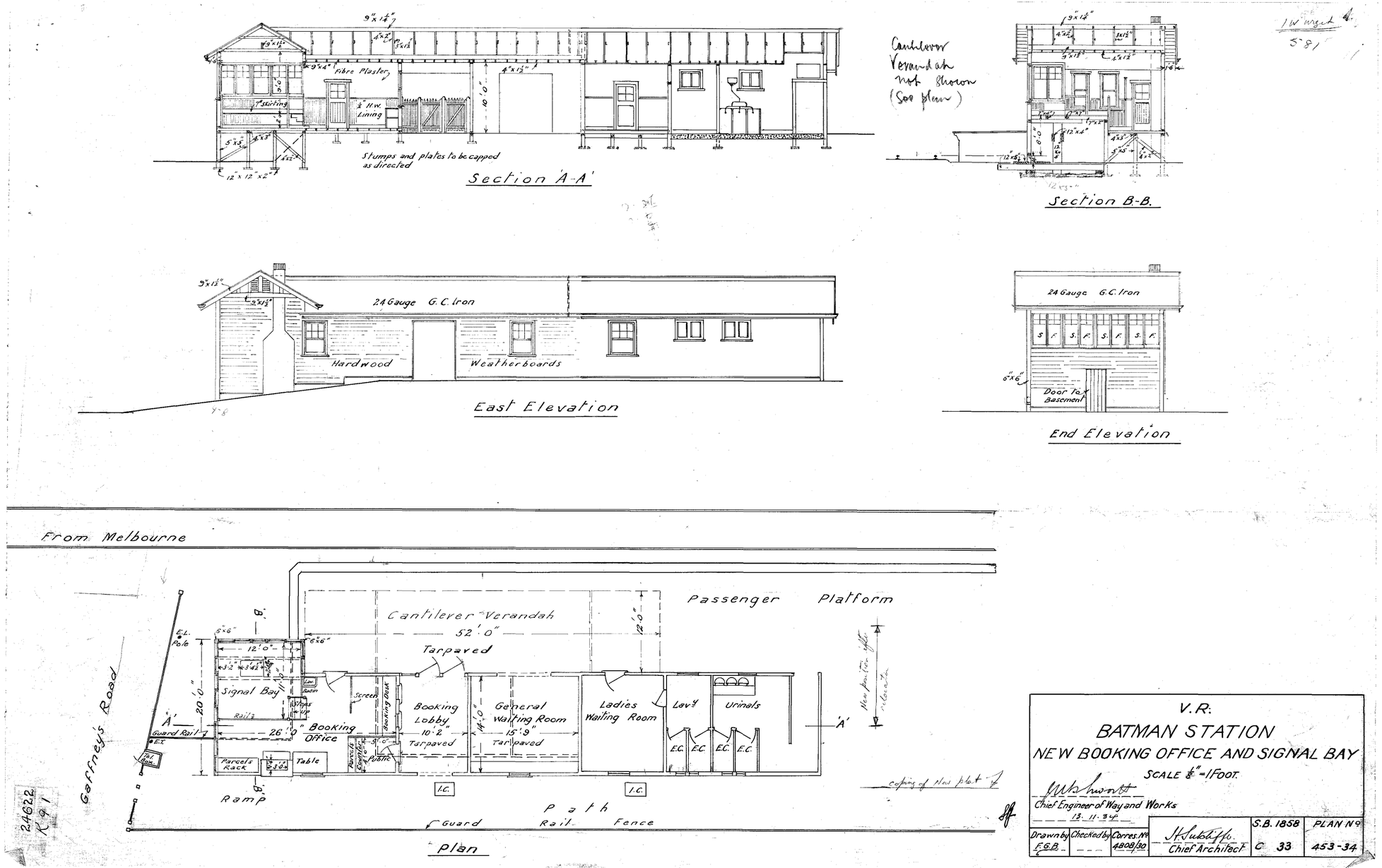


1203-15

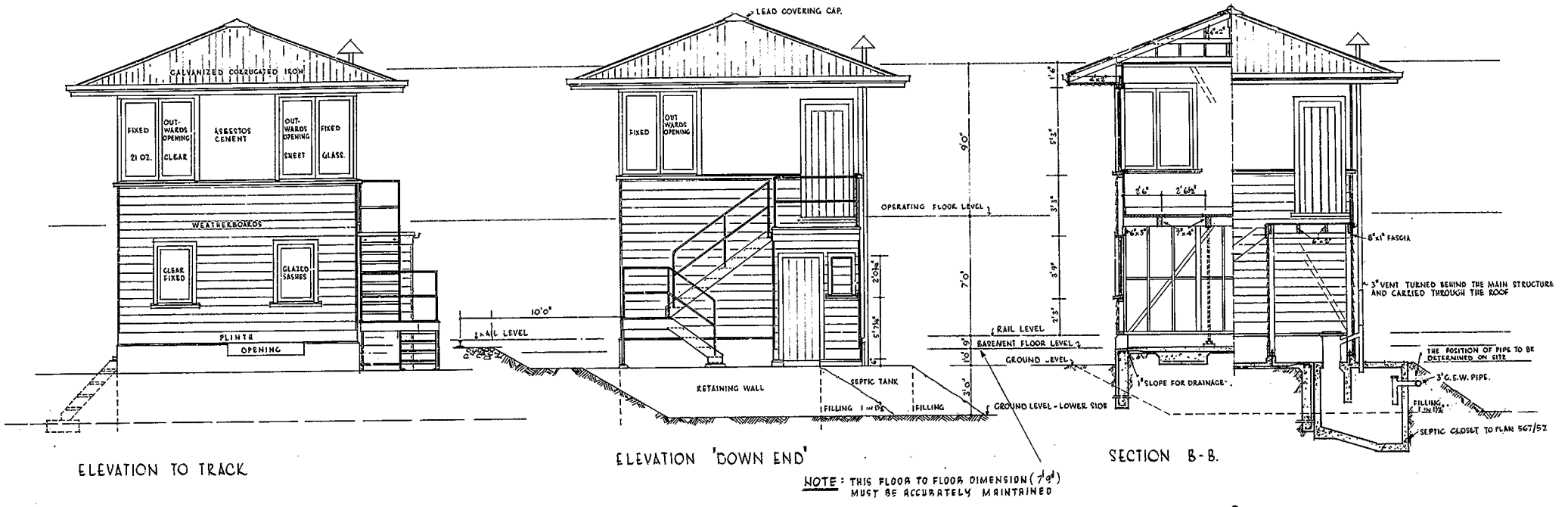
VICTORIAN RAILWAYS
PLAN ROOM
OCT 1 1918

20. 5. 15

20. 5. 15.



Cantilever Verandah not shown (See plan)
Fibre Plaster
7" Skirting
½" H.W. Lining
Stumps and plates to be capped as directed
Section 'A-A'
Section B-B.
24 Gauge G.C. Iron
Hardwood
Weatherboards
East Elevation
24 Gauge G.C. Iron
Door to Basement
End Elevation
From Melbourne
Passenger Platform
Cantilever Verandah
52'0"
Tarpaved
Signal Bay
Booking Office
Booking Lobby
10'2"
Tarpaved
General Waiting Room
15'9"
Tarpaved
Ladies Waiting Room
Lavy
Urinals
E.C.
Parcels Rack
Table
Public
Ramp
Path
Guard Rail
Fence
Gaffney's Road
Guard Rail
Tel. Box
E.L. Pole
New position after relocation
coping of New plat
Plan
V.R.
BATMAN STATION
NEW BOOKING OFFICE AND SIGNAL BAY
SCALE ⅛" = 1 FOOT.
Chief Engineer of Way and Works
13. 11. 34
Drawn by F.G.B.
Checked by
Corres. No 4808/30
Chief Architect
S.B. 1858
C 33
PLAN No 453-34
24622
K91

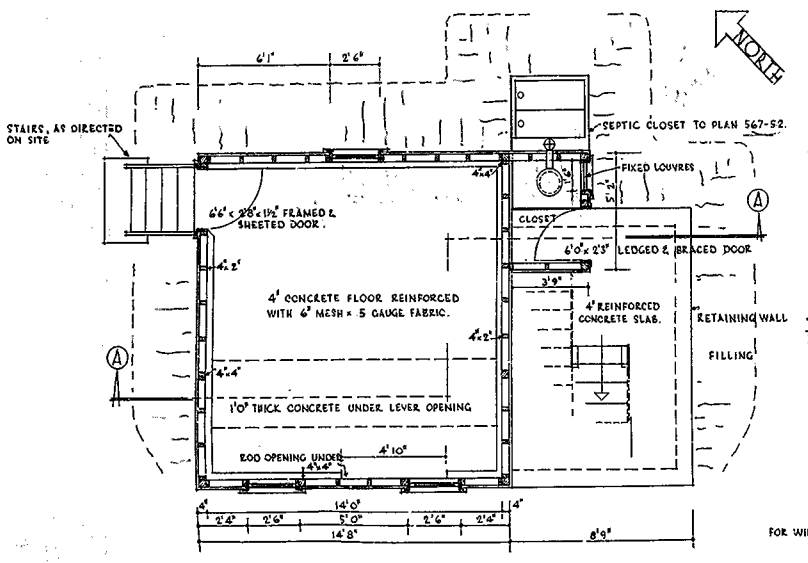


ELEVATION TO TRACK

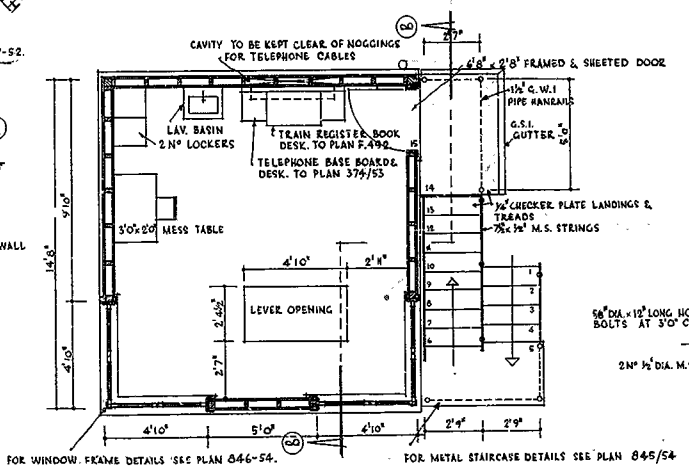
ELEVATION 'DOWN END'

SECTION B-B.

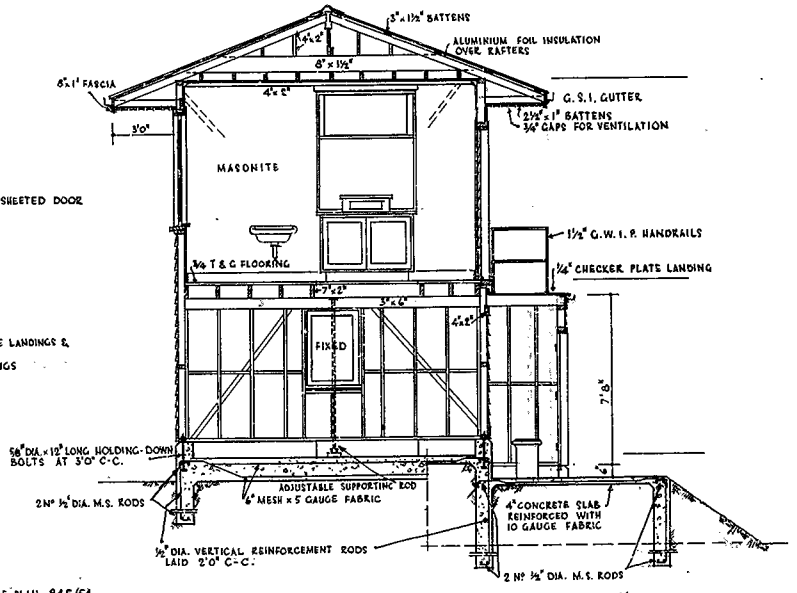
NOTE : THIS FLOOR TO FLOOR DIMENSION (7'9") MUST BE ACCURATELY MAINTAINED



BASEMENT FLOOR PLAN



OPERATING FLOOR PLAN



SECTION A-A.

CAH
Signal & Telegraph Engineer
Approved

V. R.

HIGHETT-CHELTENHAM

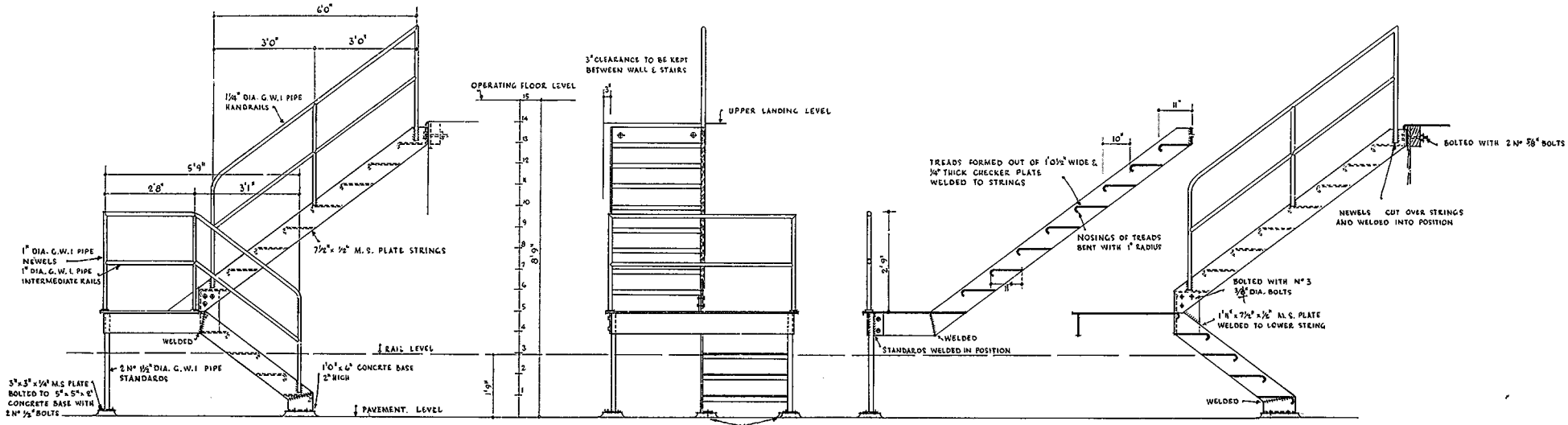
PROPOSED SIGNAL BOX NEAR BAY ROAD

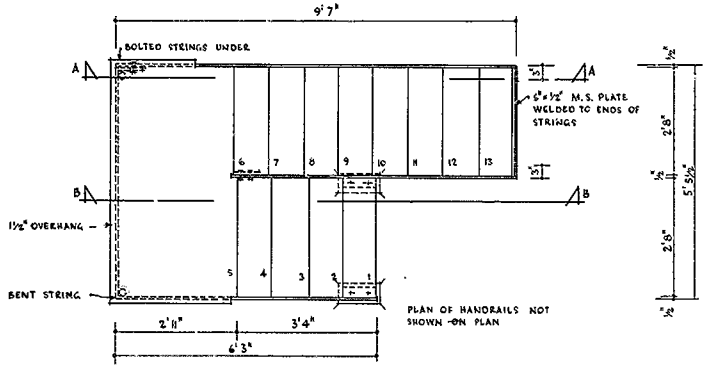
CHIEF CIVIL ENGINEER — 24.11.54. — SCALE: ¼" TO 1'0"

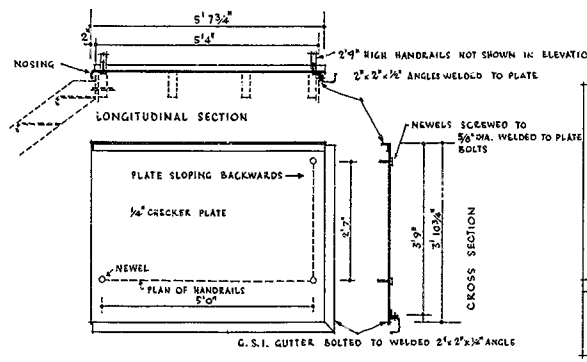
DRAWN	CHECKED	CORRES.	SENIOR ARCHITECT	B. 263	PLAN Nº
P. B.	D. B. C.	14204/54	B. 65.	B. 65.	832/54

$5000

263







V. R.

HIGHETT - CHELTENHAM

DETAILS OF STAIR TO PROPOSED SIGNAL BOX NEAR BAY ROAD.

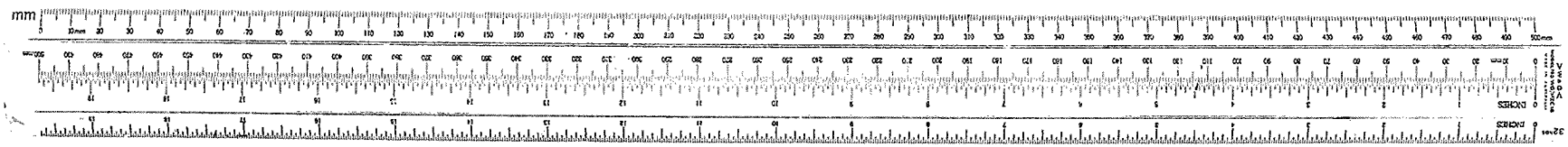
26.11.54.

CHIEF CIVIL ENGINEER

SCALE: ½" TO 1'0"

DRAWN	CHECKED	CORRES.		B. 265	PLAN N°
P. B.	D.B.C.	16204/54	SENIOR ARCHITECT	C. 65	845/54.

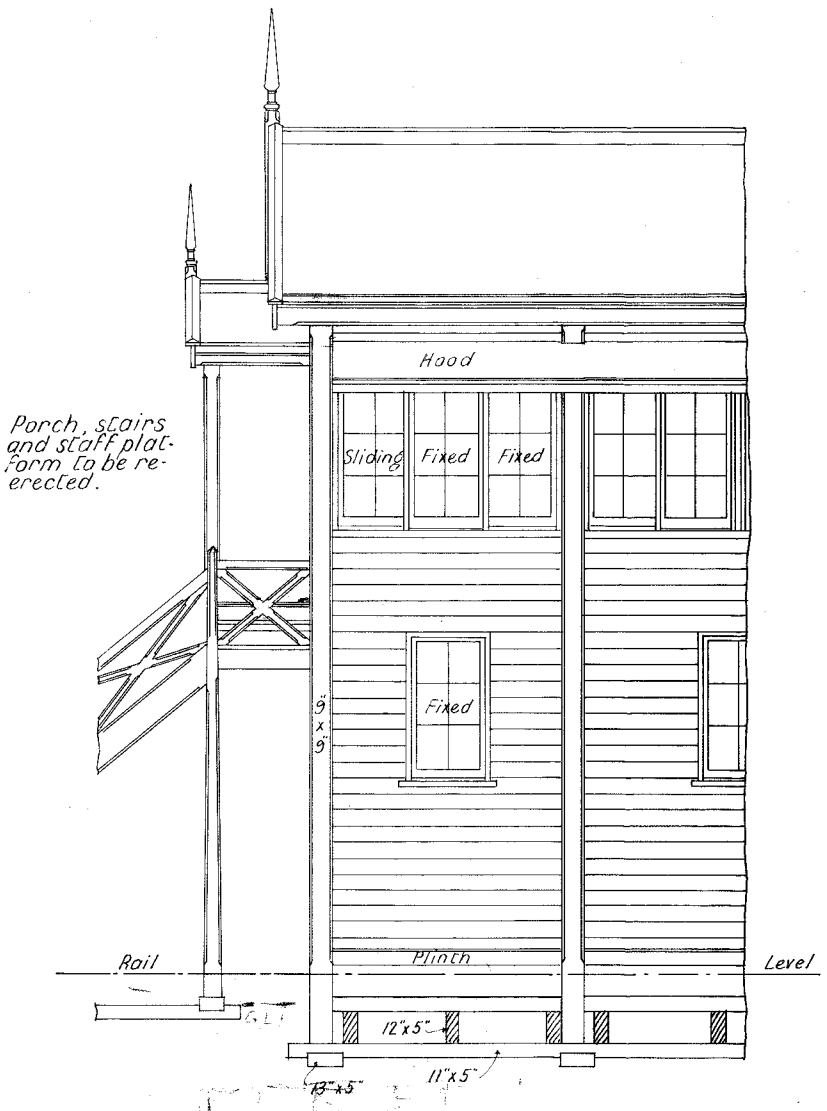
265



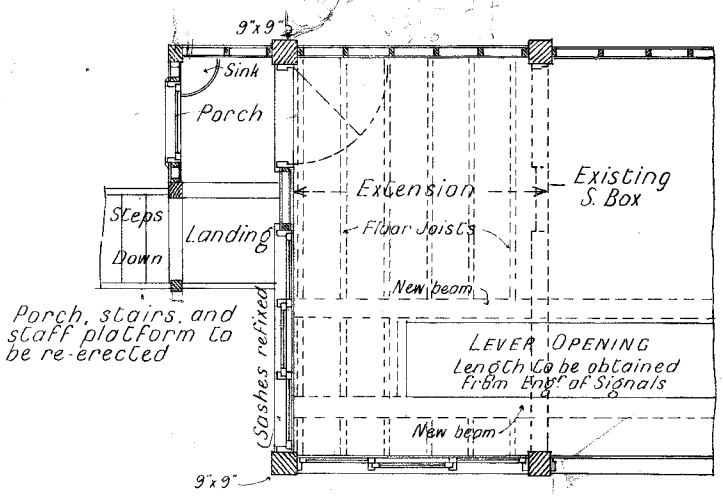
— V.R —
— BENALLA —
— EXTENSION OF "A" SIGNAL BOX —

— Scale 4 Feet to 1 Inch. —

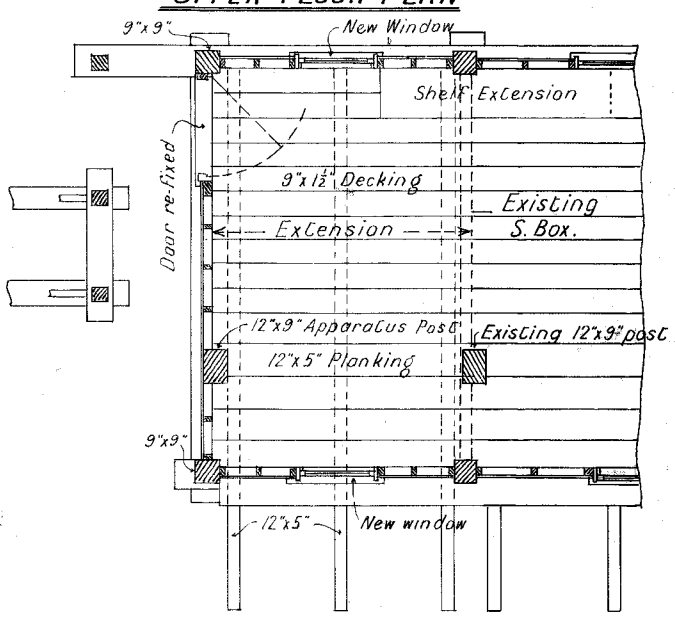
LEM. 14-1-14



— ELEVATION —



— UPPER FLOOR PLAN —



— LOWER FLOOR PLAN —

15. 1. 14

15. 1. 14

86-14

1817

B.S.A. DETAIL PLAN No 14.

EXTEND I.C. TO CLEAR SLEEPERS & REFIX COVER & FRAME. COVER PORTION OF I.C. UNDER TRACKS WITH CONCRETE & RAIL SLAB 6½" THICK.

CLOSET BUILDING & PORCH ALTERED TO DETAIL.

SIGNAL BOX "B".

4" S.P.D. 1 in 40

SEE PLAN No 206/44 FOR TRACKWORK.

PINTSCH GAS TANK.

W. & WORKS BRANCH YARD.

TOOL SHED

D.R. 538. F.L. 557.71. BRICK.

V.R. INSTITUTE. CONCRETE

CROQUET LAWN

TENNIS COURT

WATER TOWER.

D.R. 540. F.L. 557.85. BRICK.

WATER MAIN 4

B. S. A. SEWER

Mc KELLAR ST.

N/9

N/10

SEWERAGE PLAN

SCALE : 40 FT. TO 1 INCH.

SIGNAL BOX "B".

REDUCE DOOR WIDTH TO 2'2".

EXTEND BUILDING 2'4".

REFIX W.C.

5"x5" R.Q.

REFIX HOPPER WINDOW.

CUT BACK BUILDING.

NEW CORNER LAVATORY BASIN.

REFIX WINDOW.

REMOVE FLAT-BACK BASIN.

DETAIL PLAN

SCALE : 4 FT. TO 1 INCH.

SEE SEWERAGE BY-LAWS.

Completed

ADDITIONAL LIST OF FIXTURES.

9. W.C., AT OPERATG FLR LEVEL,
10. LAV. BASIN, " " " " } TO BE LOCATED IN NEW POSITIONS AS PER DETAIL PLAN.

EXISTING DRAINS SHOWN IN GREEN.
PROPOSED " " " BLUE.
S.V.P. & D.T. TO BE REFIXED IN POSITIONS SHOWN IN BLUE.

V R

BENALLA

ALTERATIONS TO SIGNAL BOX "B", IN CONNECTION WITH RE-ARRANGEMT. OF TRACKS.

SCALES AS SHOWN.

27/9

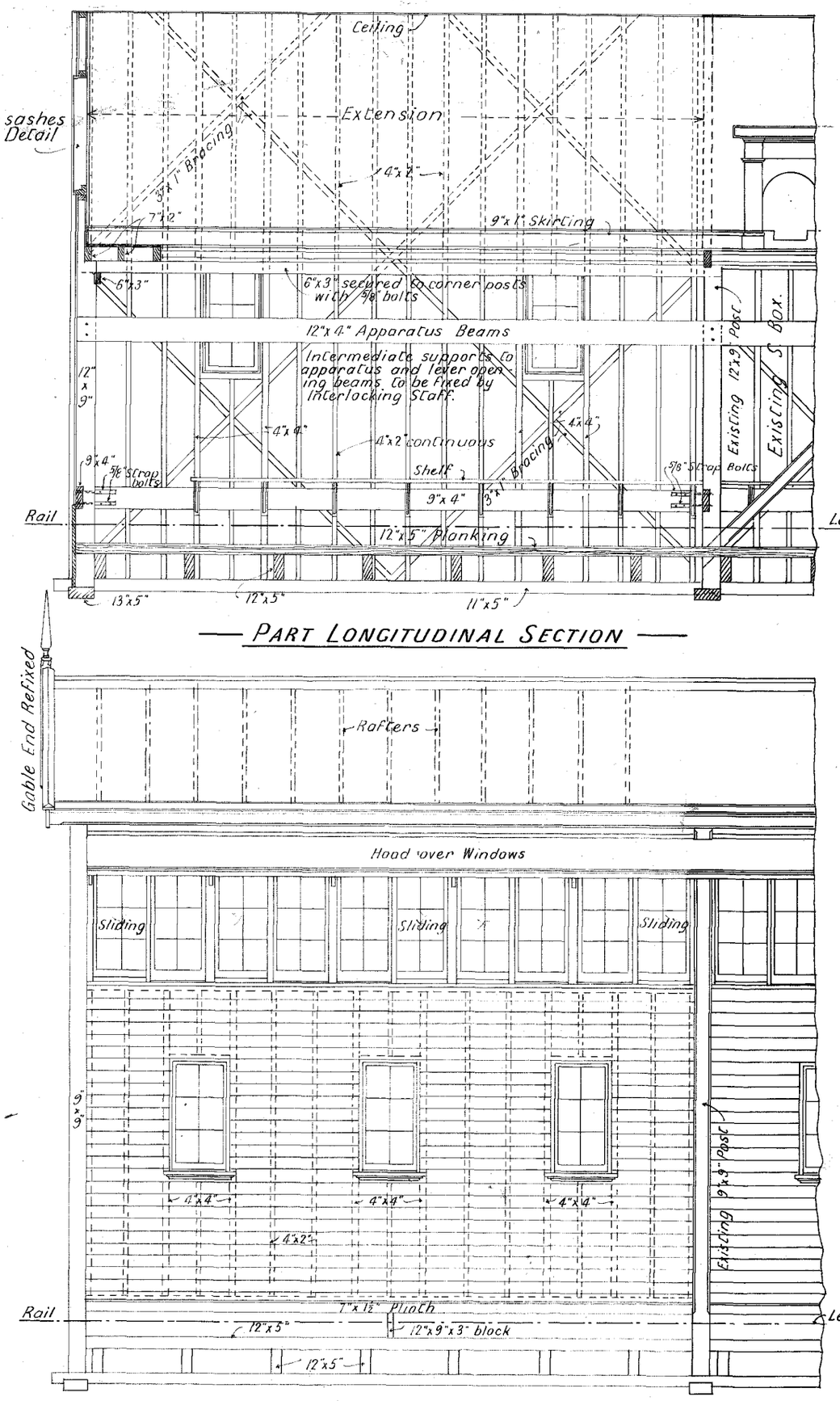
CHIEF CIVIL ENGINEER.

WORK COMPLETED.					
DRAWN. C.A.N.	CHECK. K.E.O.	CORRES. 6662/40	A. Sutcliffe CHIEF ARCHITECT 26-9-1944	S. 1817. D. 56.	PLAN No. 585/44.

382-1W

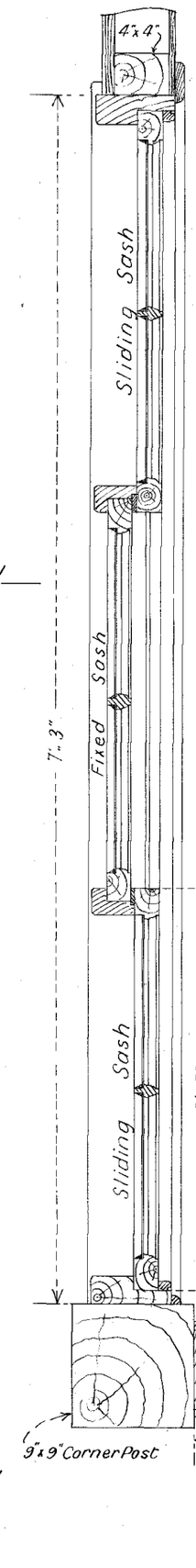
—V.R.—
—BENALLA—
—EXTENSION OF "B" SIGNAL BOX—
— Scale 4 Feet to an Inch. —

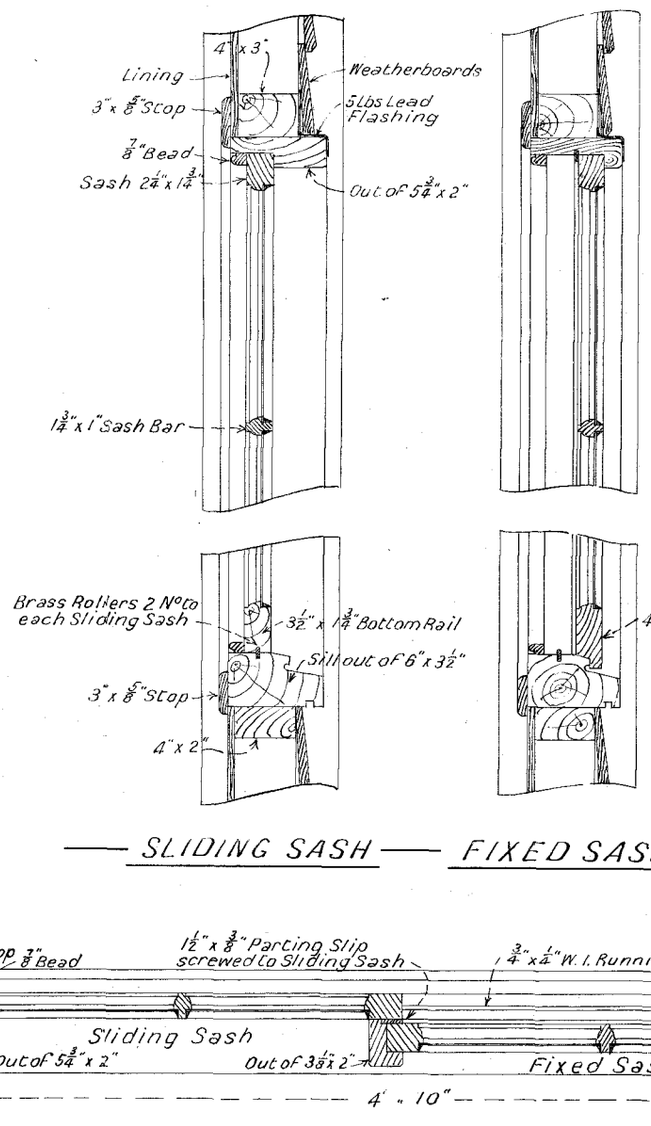
W.W. 12265/13



— PART LONGITUDINAL SECTION —

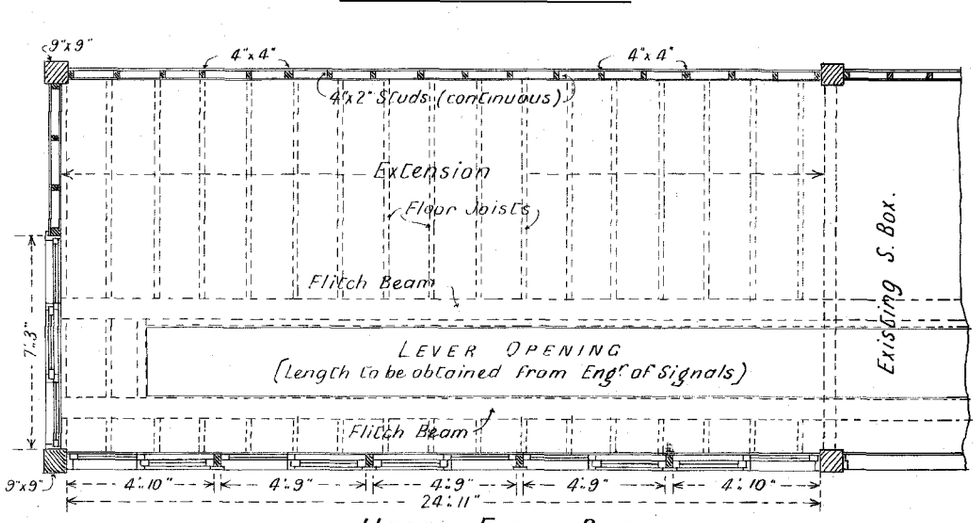
— FRONT ELEVATION —





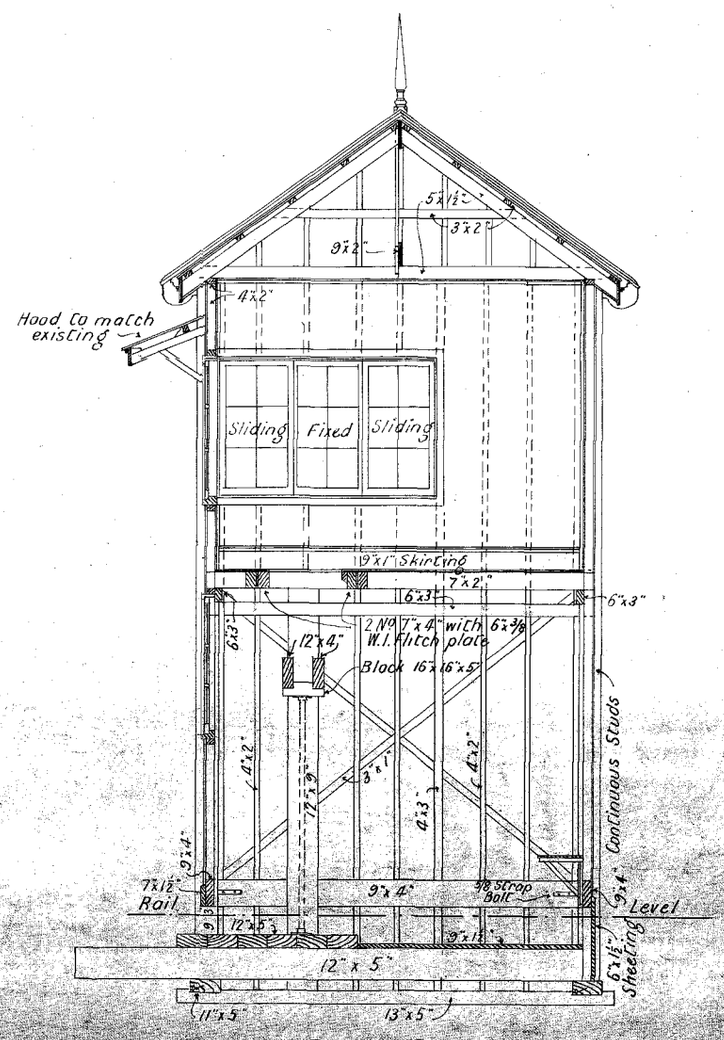
— SLIDING SASH — FIXED SASH —

— DETAIL OF SASHES —
— 1½" = 1'-0" —



— UPPER FLOOR PLAN —

— LOWER FLOOR PLAN —



— CROSS SECTION —

14.1.14

63.14

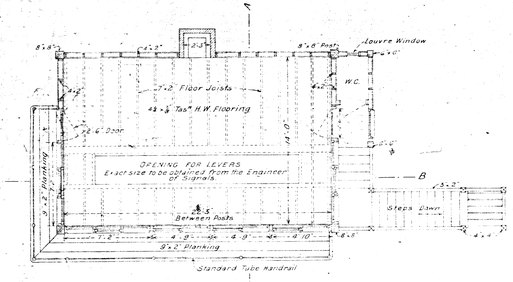
V.R.
BENDIGO
NEW SIGNAL BOX 'A'
SCALE:- 4 FEET TO AN INCH

PLAN ROOM

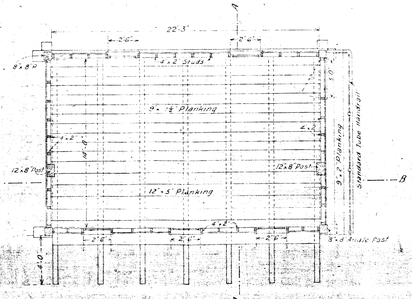
NOTE :- All Timbers above ground to be of Hardwood unless otherwise specified.

Timbers below ground to be of Red Gum or Jarrah.

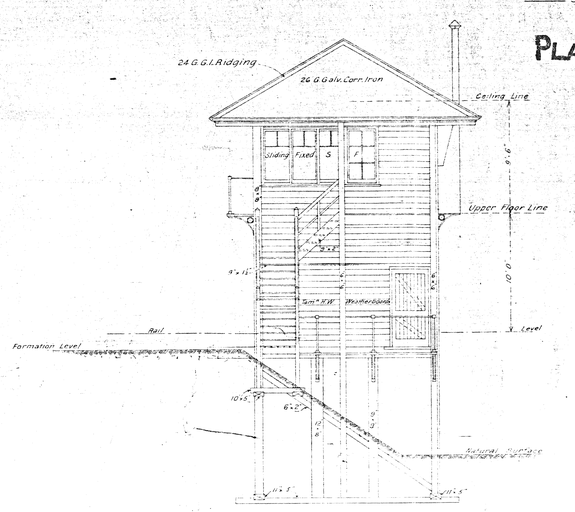
All Machine Timbers and Trimmers for Lever Opening to be of Oregon.



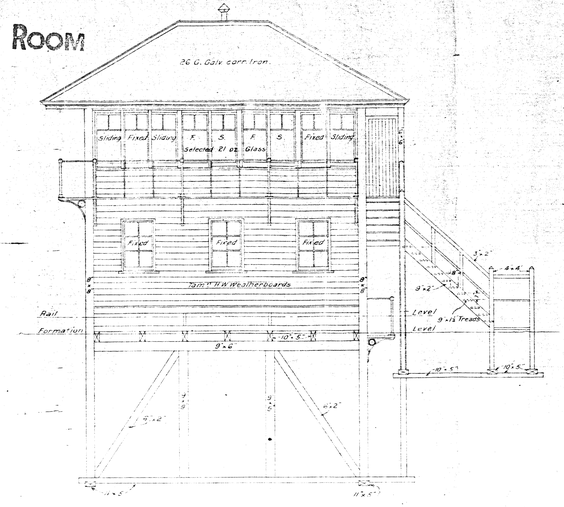
UPPER FLOOR PLAN



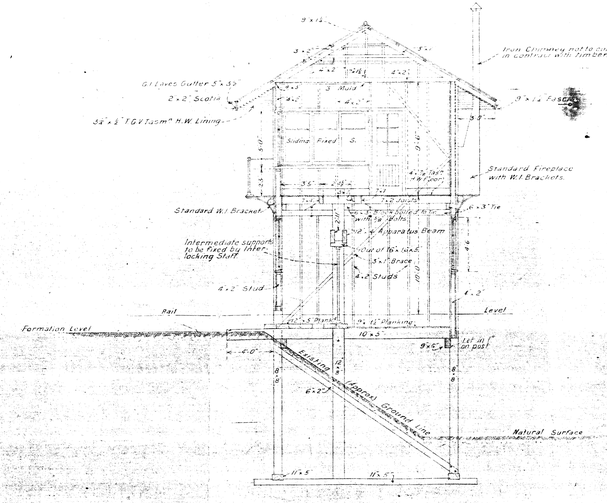
LOWER FLOOR PLAN



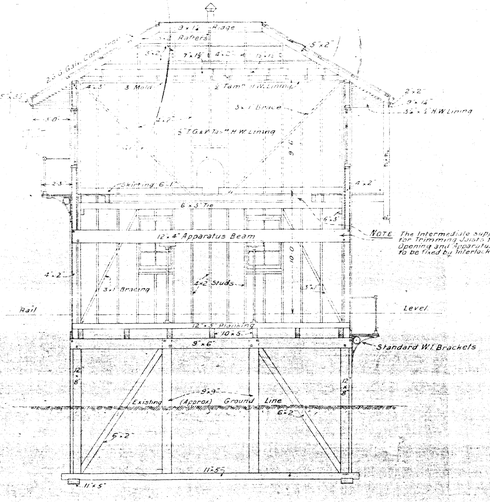
END ELEVATION



FRONT ELEVATION

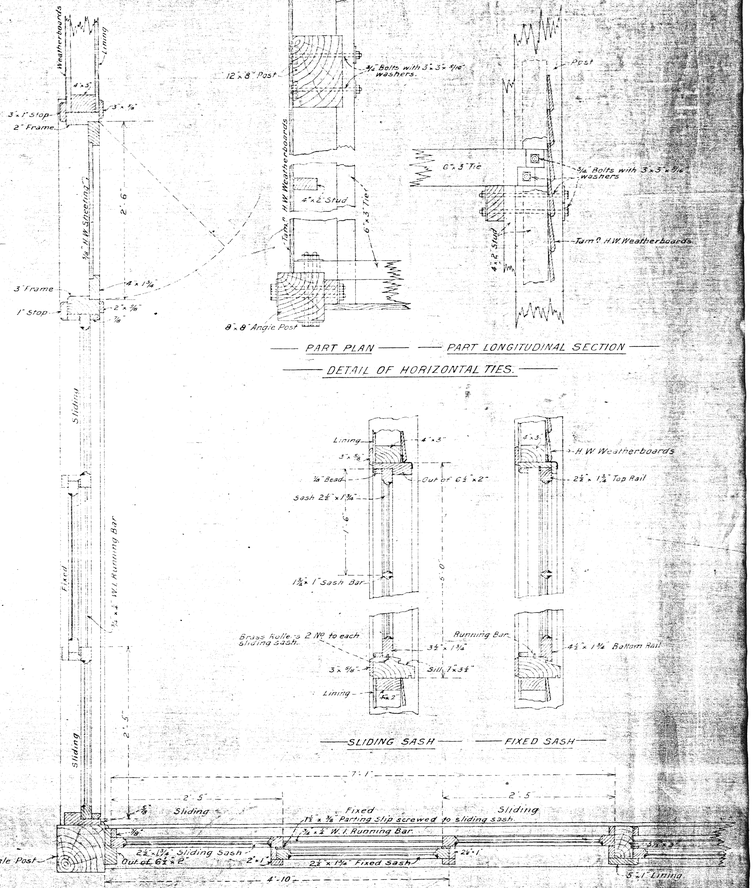


SECTION A-A



NOTE The Intermediate supports for Trimming Joists to Lever Opening and Apparatus Beams to be fixed by Interlocking Stuff.

SECTION B-B



PART PLAN — PART LONGITUDINAL SECTION

DETAIL OF HORIZONTAL TIES.

SLIDING SASH — FIXED SASH

DETAIL OF SASHES

SCALE: 1½" = 1'-0"

VICTORIAN RAILWAYS PLAN ROOM

Architect 25.8.20

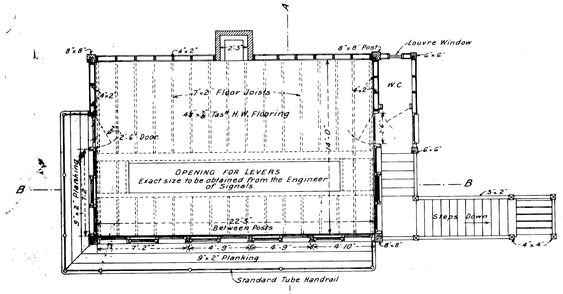
M.J. Bennett
Asst. Chief Engineer of Ways & Works
28.8.20

V.R.
BENDIGO
NEW SIGNAL BOX
SCALE:- 4 FEET TO AN INCH

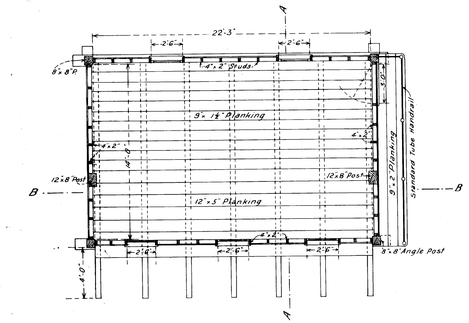
NOTE:- All Timbers above ground to be of Hardwood unless otherwise specified.

Timbers below ground to be of Red Gum or Jarrah.

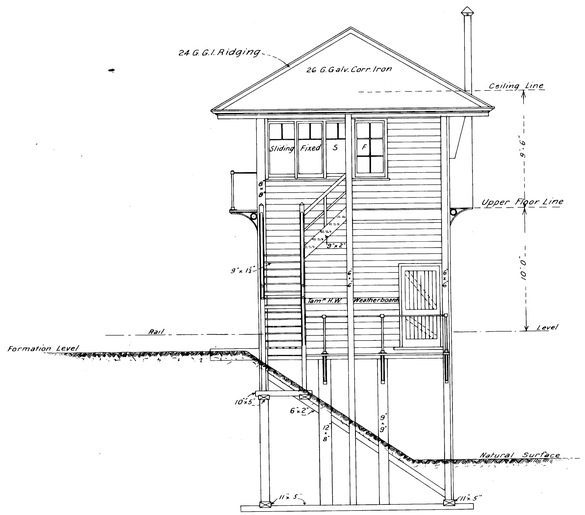
All Machine Timbers and Trimmers For Lever Opening to be of Oregon.



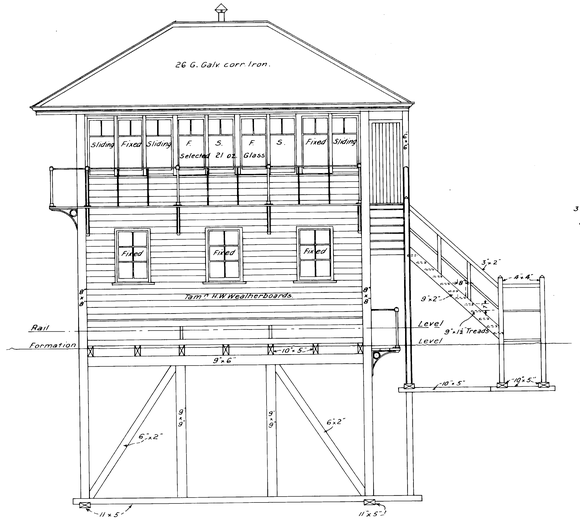
UPPER FLOOR PLAN



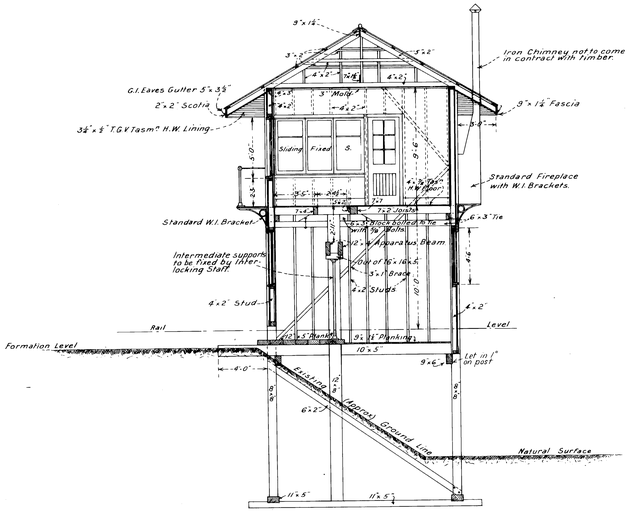
LOWER FLOOR PLAN



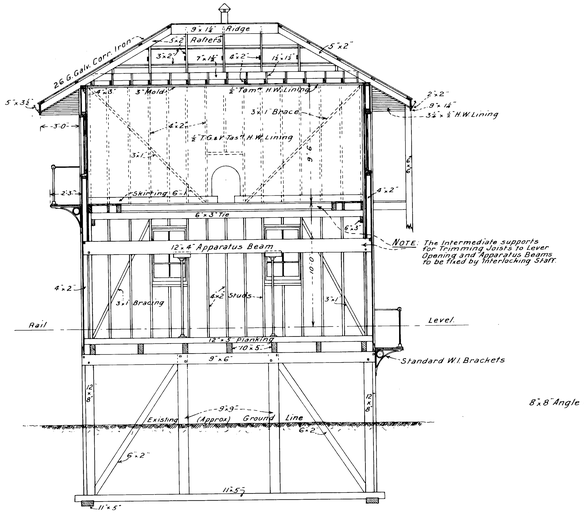
END ELEVATION



FRONT ELEVATION

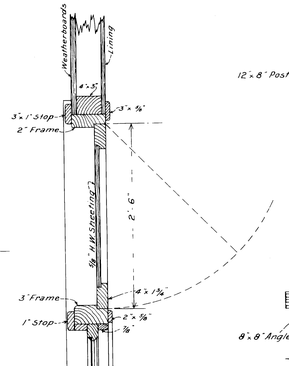


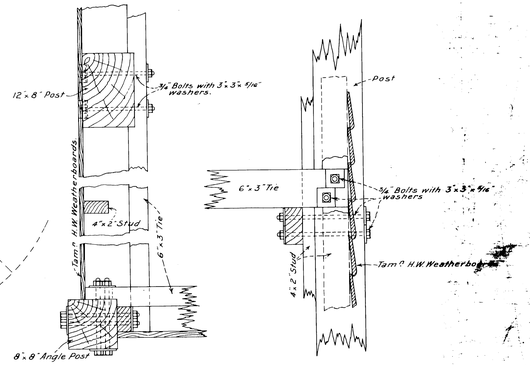
SECTION 'A-A'



SECTION 'B-B'

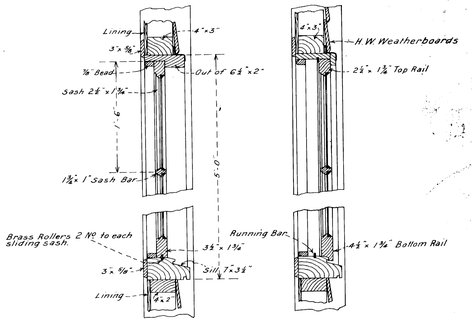
NOTE: The Intermediate supports for Trimming Joists to Lever Opening and Apparatus Beams to be fixed by Interlocking Staff.



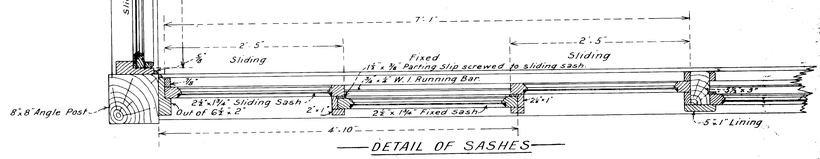


PART PLAN — PART LONGITUDINAL SECTION

DETAIL OF HORIZONTAL TIES.



SLIDING SASH — FIXED SASH



DETAIL OF SASHES

SCALE: 1½" = 1'-0"

Architect
25.8.20

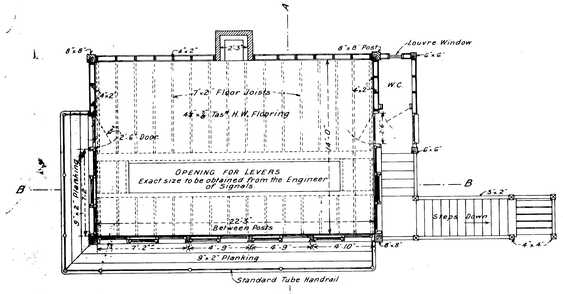
Asst. Chief Engineer of Way & Works
25.8.20

V.R.
BENDIGO
NEW SIGNAL BOX
SCALE:- 4 FEET TO AN INCH

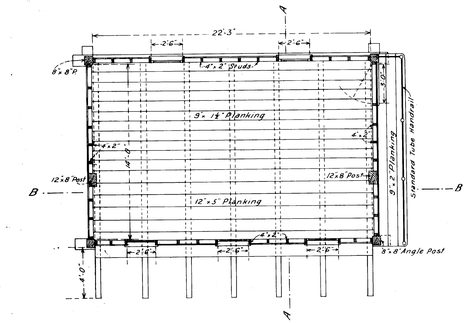
NOTE:- All Timbers above ground to be of Hardwood unless otherwise specified.

Timbers below ground to be of Red Gum or Jarrah.

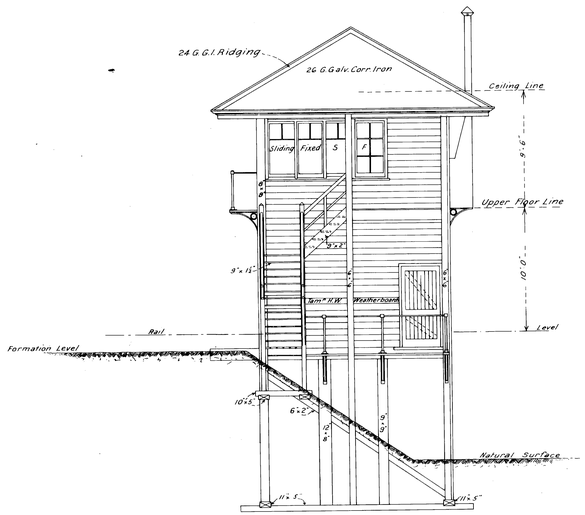
All Machine Timbers and Trimmers For Lever Opening to be of Oregon.



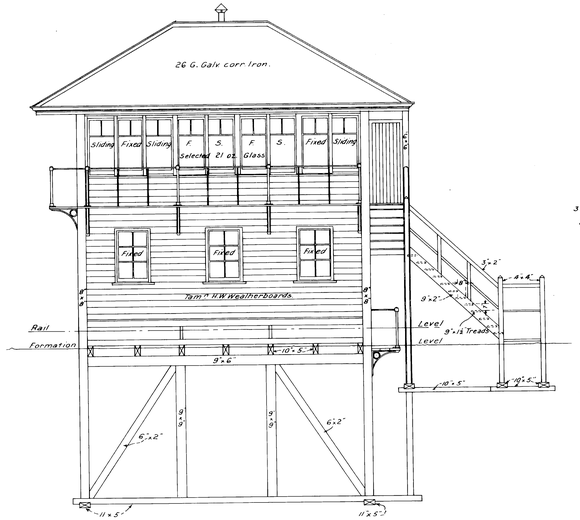
UPPER FLOOR PLAN



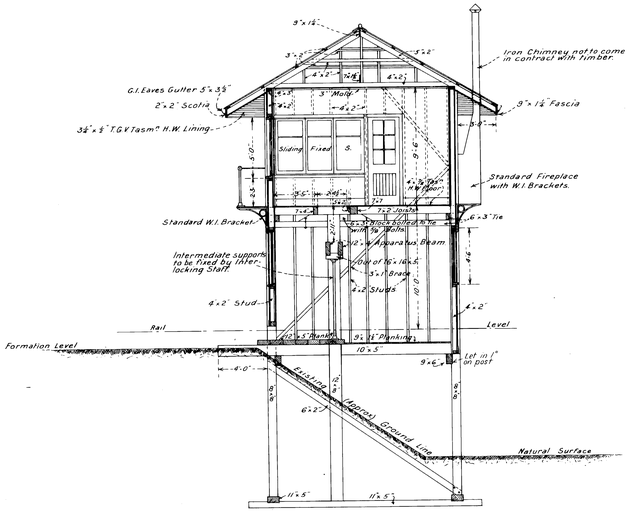
LOWER FLOOR PLAN



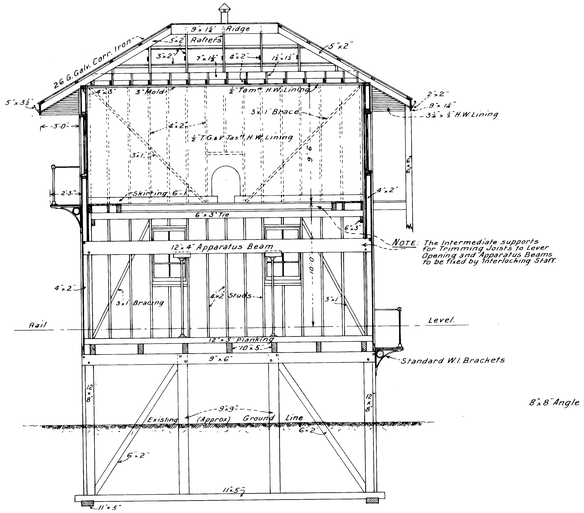
END ELEVATION



FRONT ELEVATION

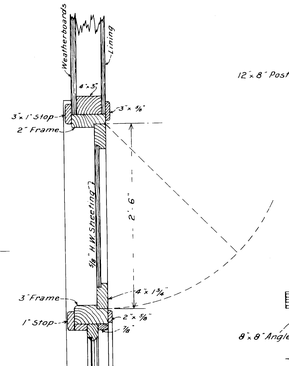


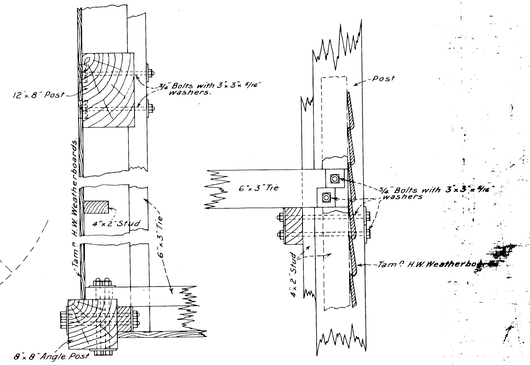
SECTION 'A-A'



SECTION 'B-B'

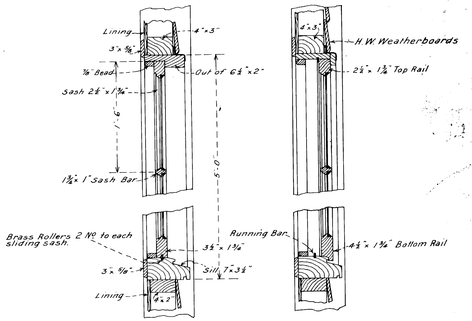
NOTE: The Intermediate supports for Trimming Joists to Lever Opening and Apparatus Beams to be fixed by Interlocking Staff.



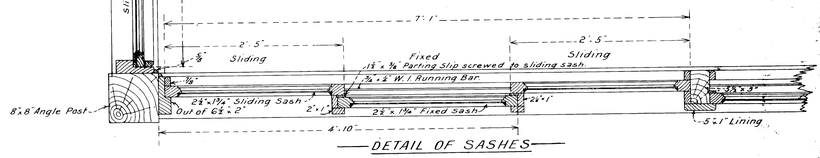


PART PLAN — PART LONGITUDINAL SECTION

DETAIL OF HORIZONTAL TIES.



SLIDING SASH — FIXED SASH



DETAIL OF SASHES

SCALE: 1½" = 1'-0"

Architect
25.8.20

Asst. Chief Engineer of Way & Works
25-8-20

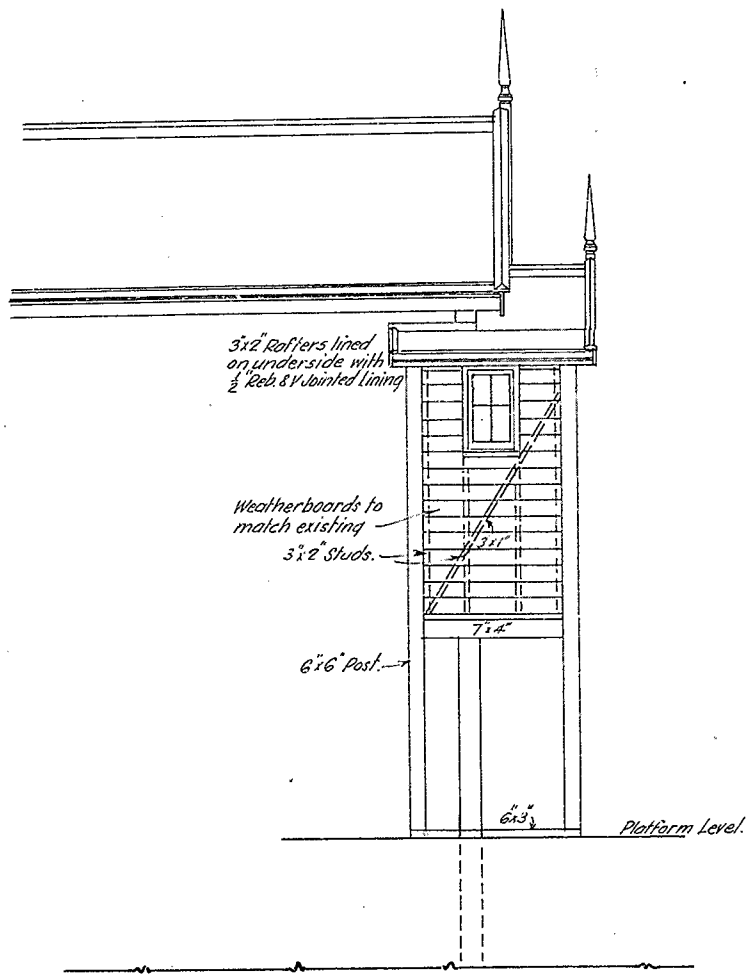
V.R.

BENDIGO.

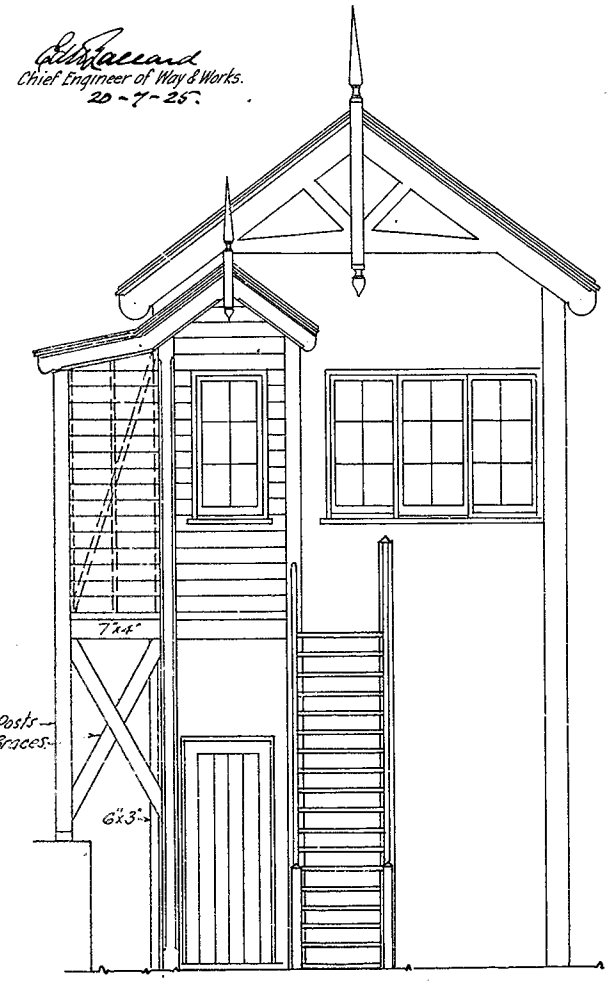
SEWERAGE OF STATION GROUNDS.

ADDITIONS TO "B" SIGNAL BOX.

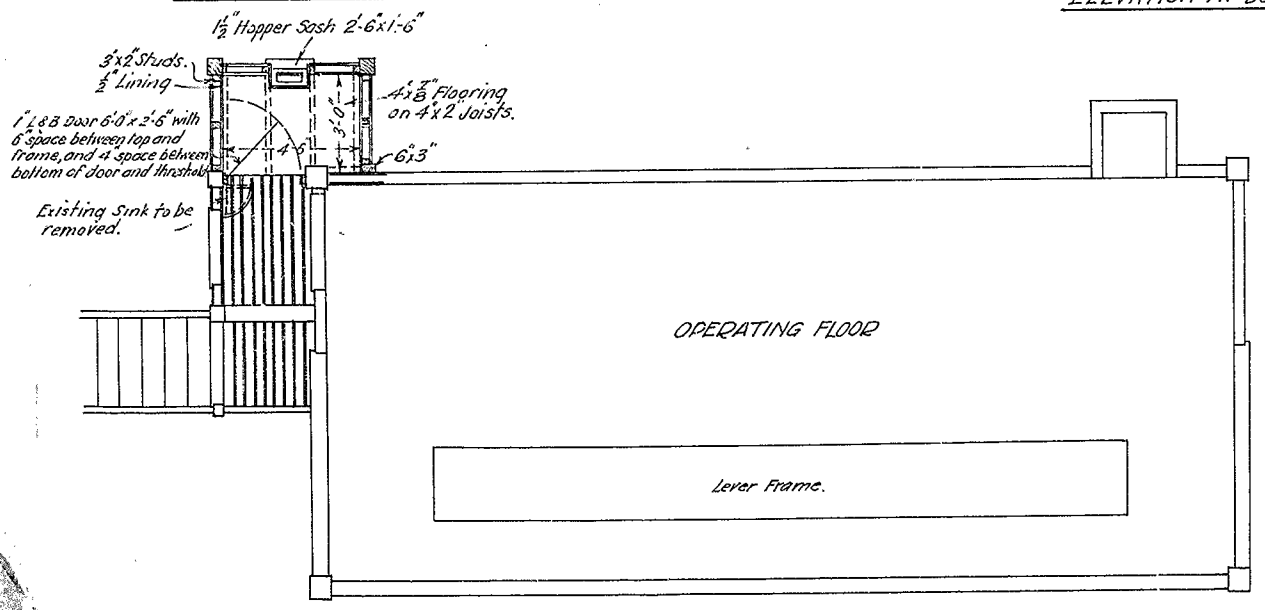
W.J.V. 15.7.25



ELEVATION TO CAR SHED.



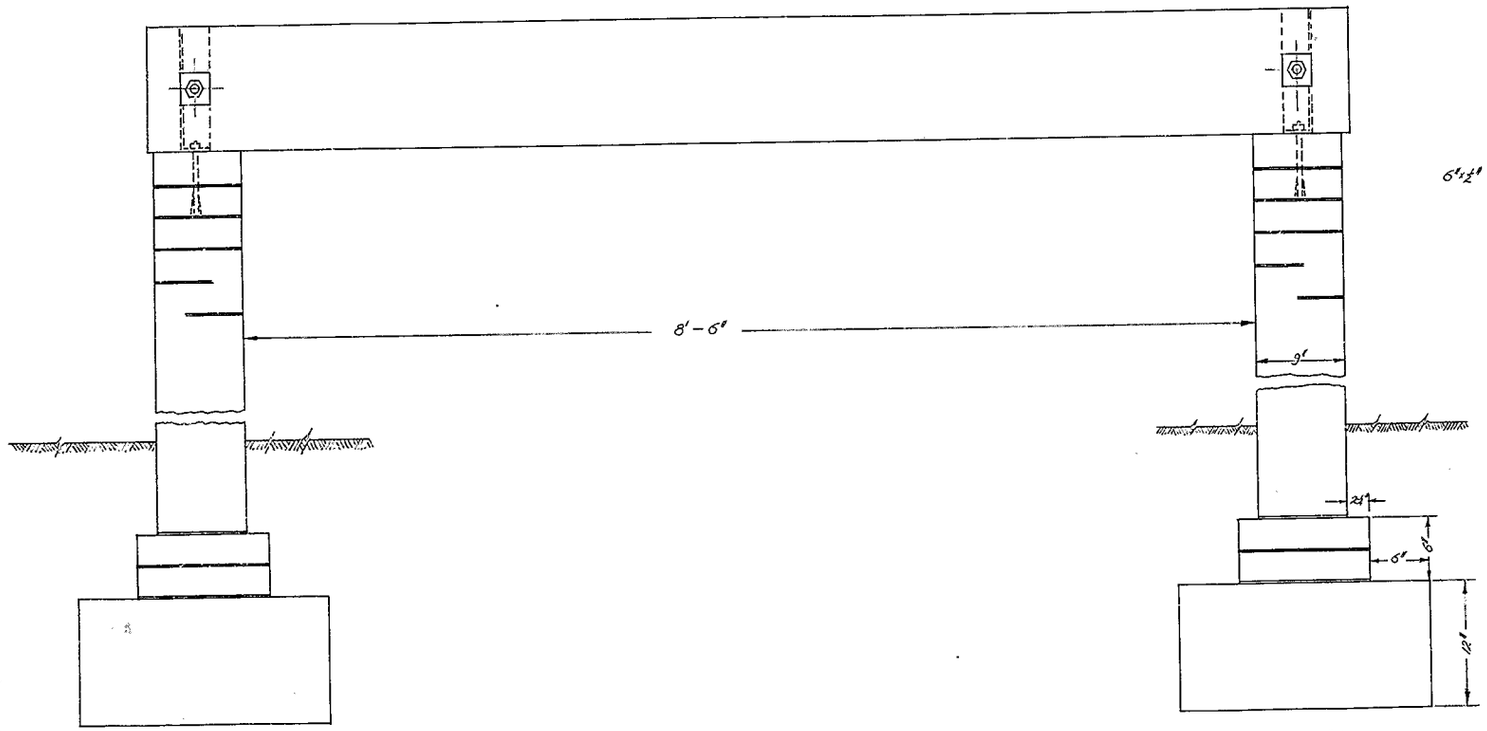
ELEVATION AT DOWN END.



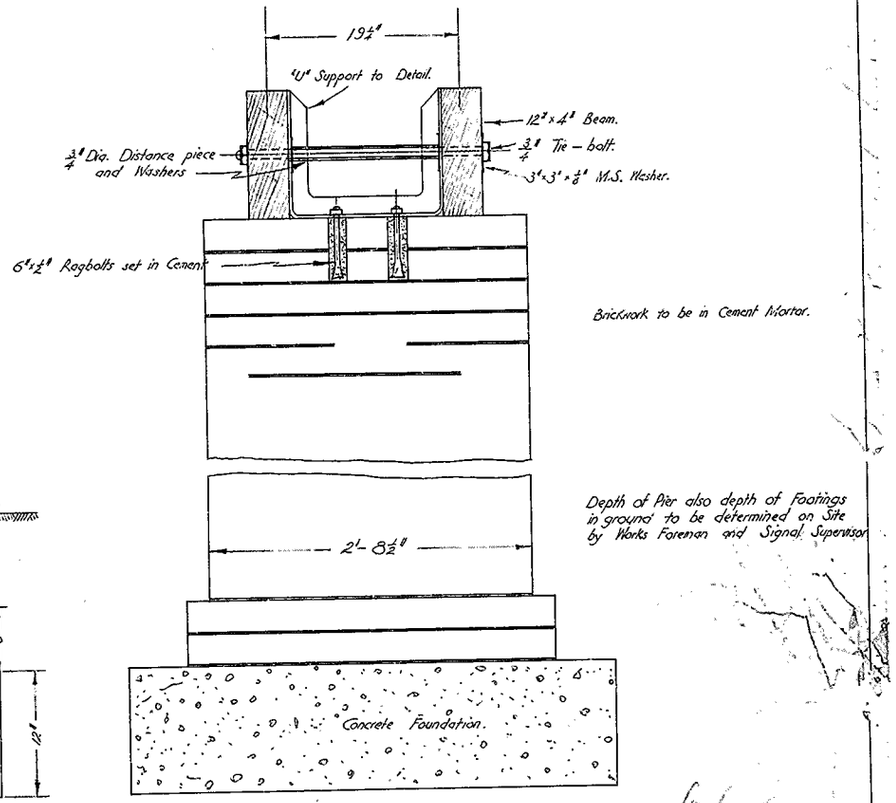
Chief Engineer of Way & Works.
20-7-25.

Jas. Fawcett
Chief Architect.
20.7.25

S.10.
2353.25
D.67.



ELEVATION TO TRACK



CROSS SECTION

Completed

V. R.
BERWICK
ALTERATIONS TO SIGNAL TUNNEL
DETAILS OF MACHINE TIMBER SUPPORTS
Scale: 1½" = 1'-0"
Chief Engineer of Way and Works

Drawn.	Check.	Corres.			
[illegible]	W.J.V.		Chief Architect.	SB.1973 B-33	PLAN 355-37

1973

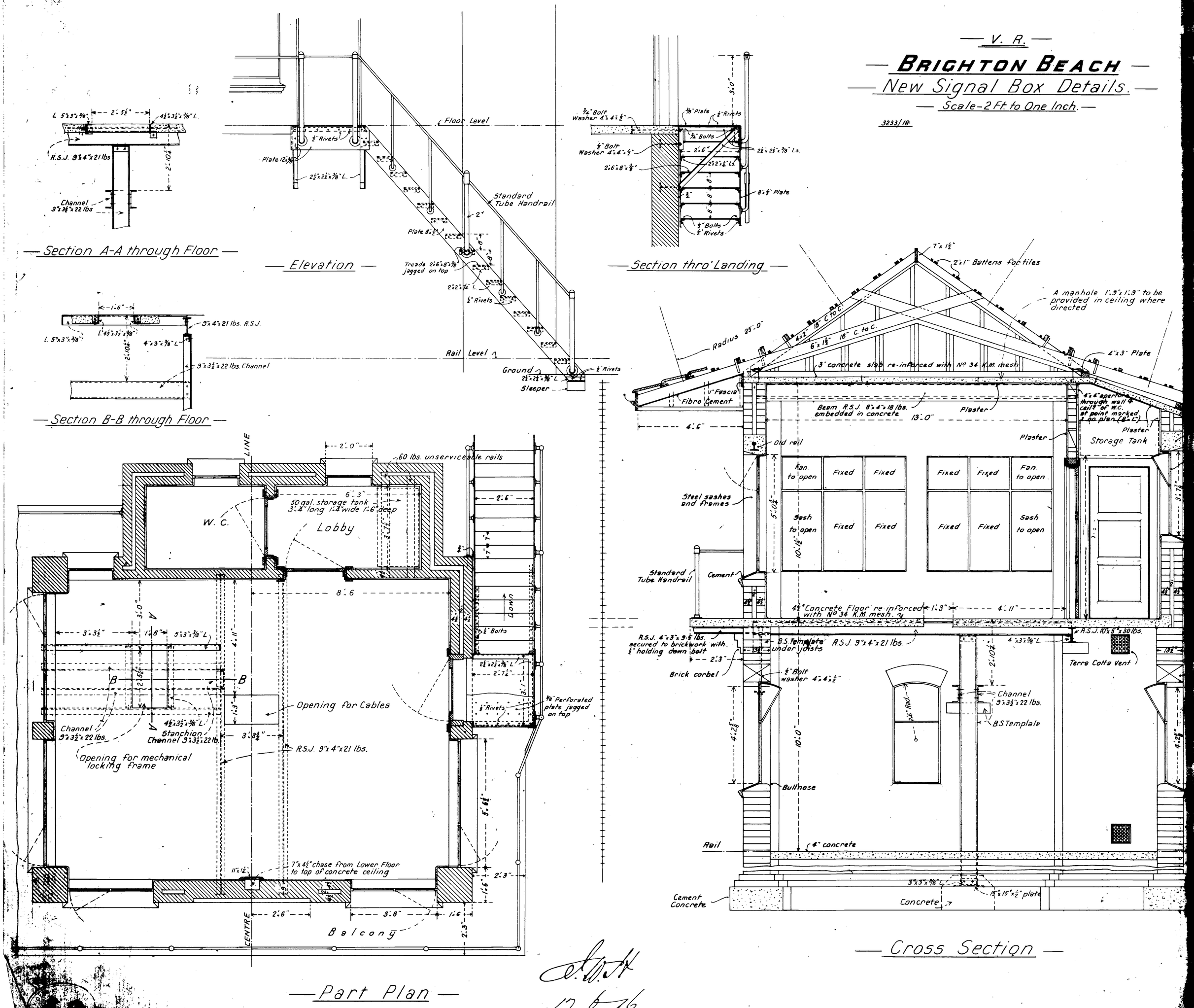
V. R.

BRIGHTON BEACH

New Signal Box Details.

Scale-2 Ft. to One Inch.

3233/18



17. 6. 16

V. R.

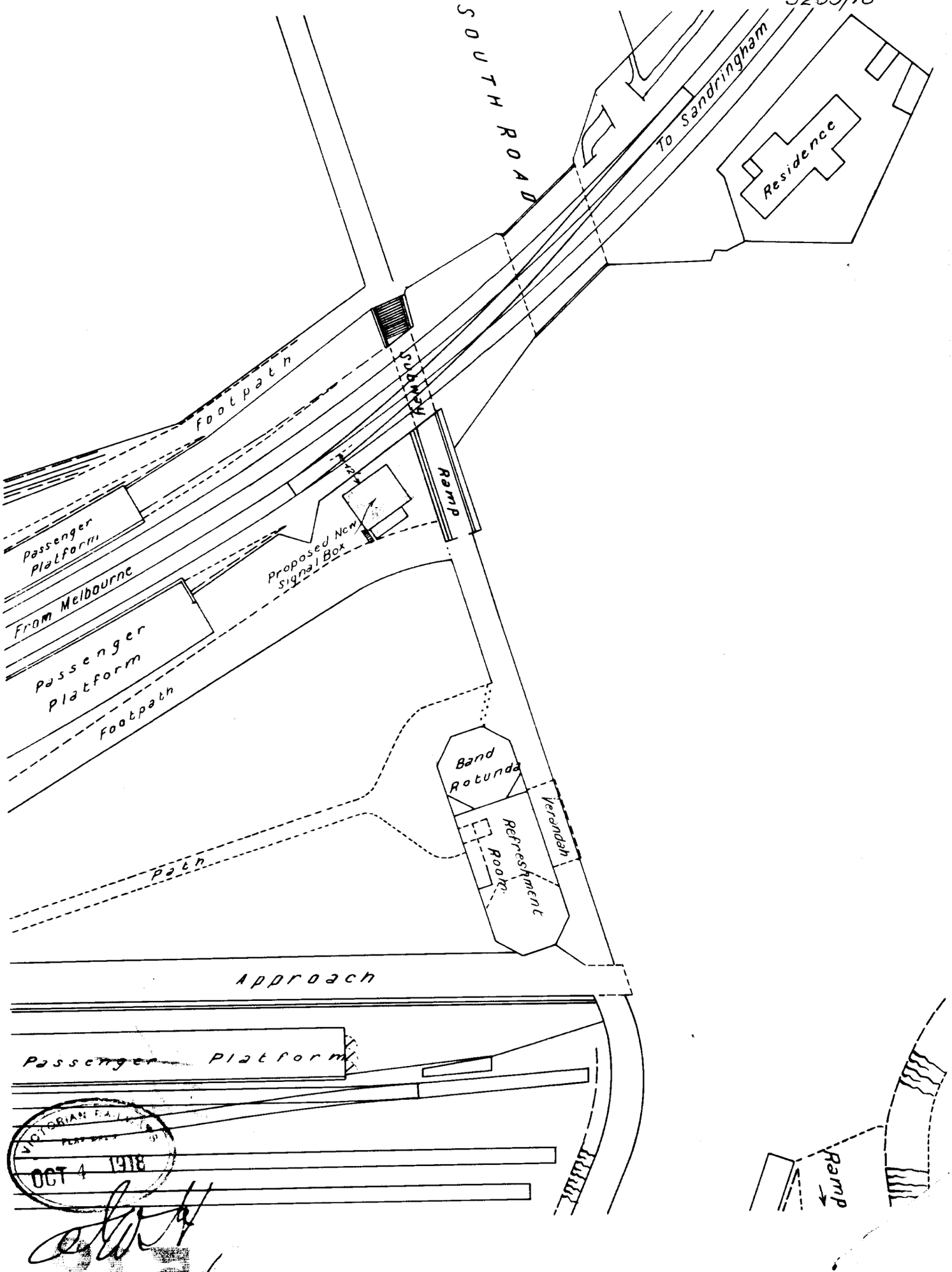
BRIGHTON BEACH STATION

Proposed New Signal Box

Scale 40 feet to an Inch

A06 A516

3233/16



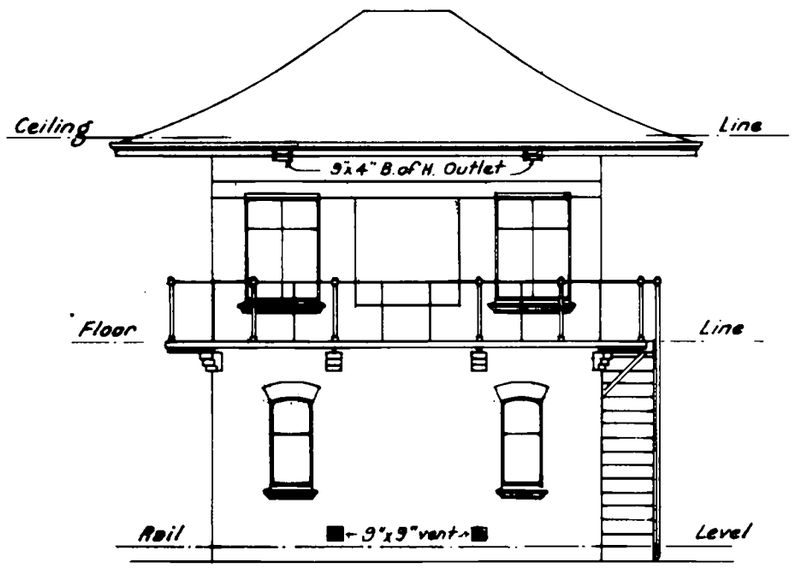
VICTORIAN R.A.
OCT 4 1918

23.8.76

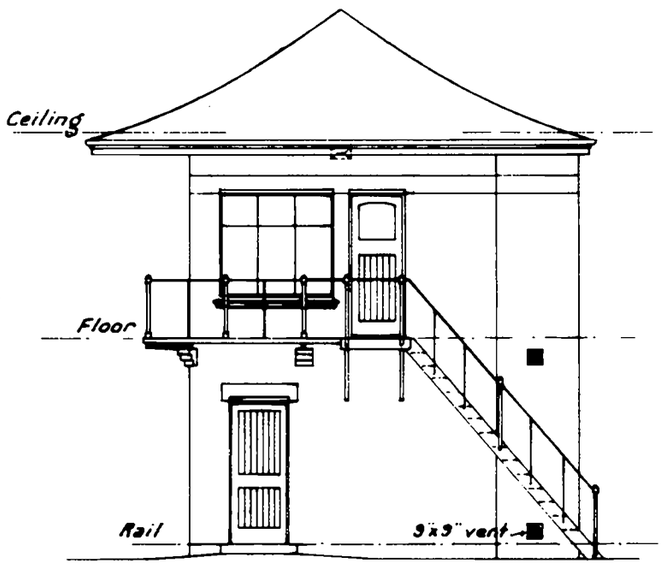
5
SW

— V. R. —
— BRIGHTON BEACH —
— NEW SIGNAL BOX —
— Scale 8 Feet to 1 Inch. —

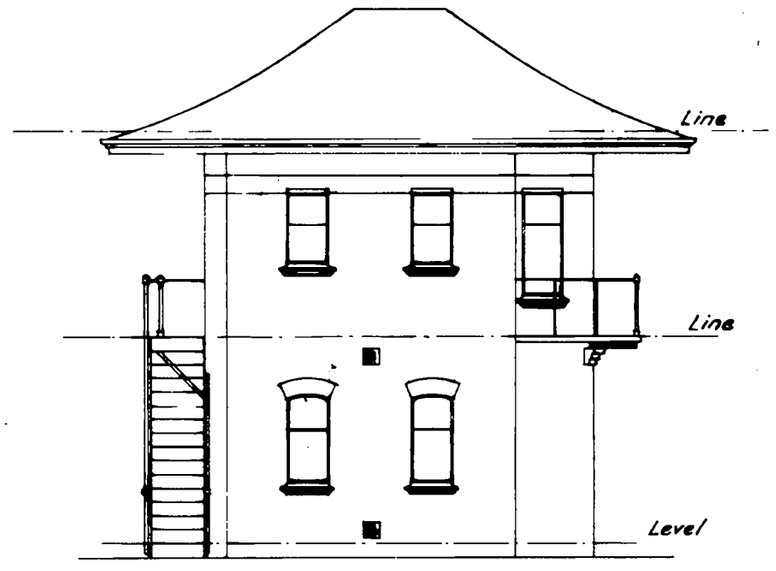
3233/16 L.E.M.



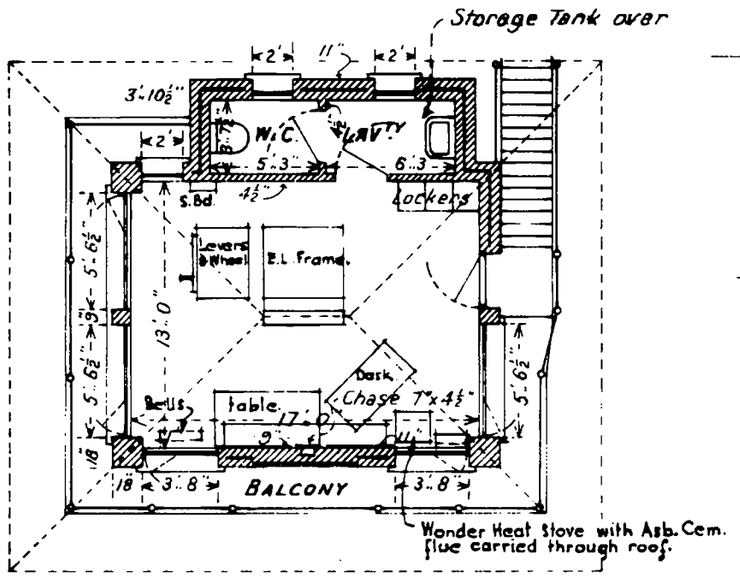
— FRONT ELEVATION —



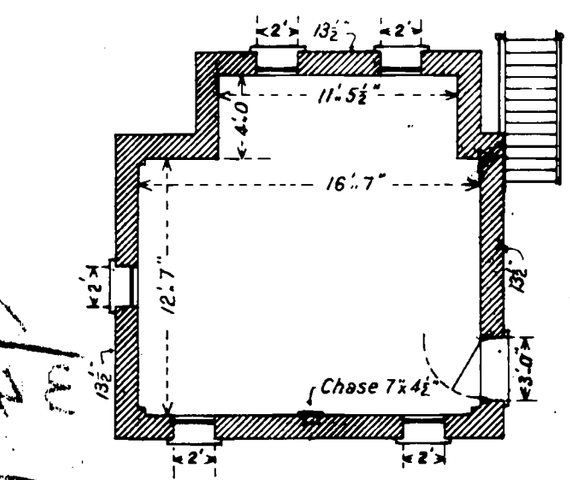
— END ELEVATION —



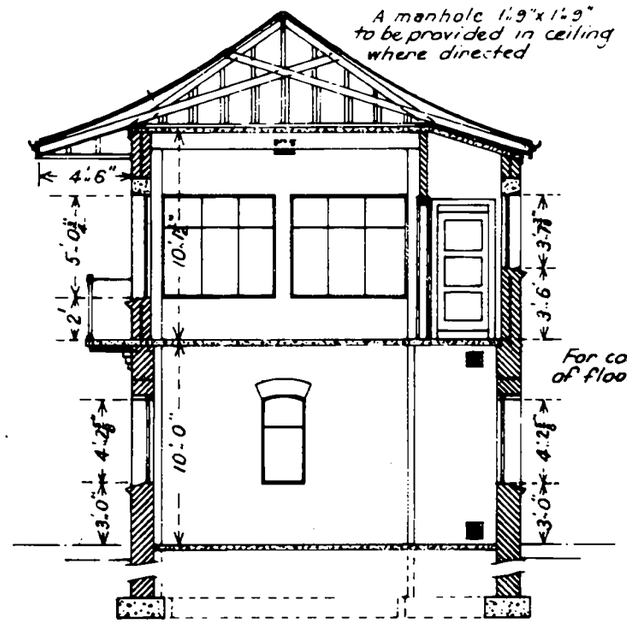
— BACK ELEVATION —



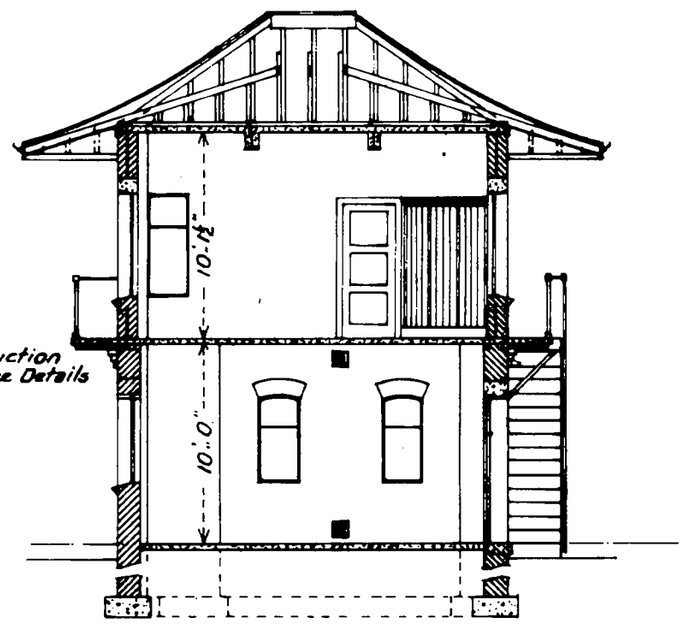
— UPPER FLOOR PLAN —



— LOWER FLOOR PLAN —



— CROSS SECTION —



— LONGITUDINAL SECTION —

724/16

VICTORIAN RAILWAYS
PLAN ROOM
OCT 4 2010

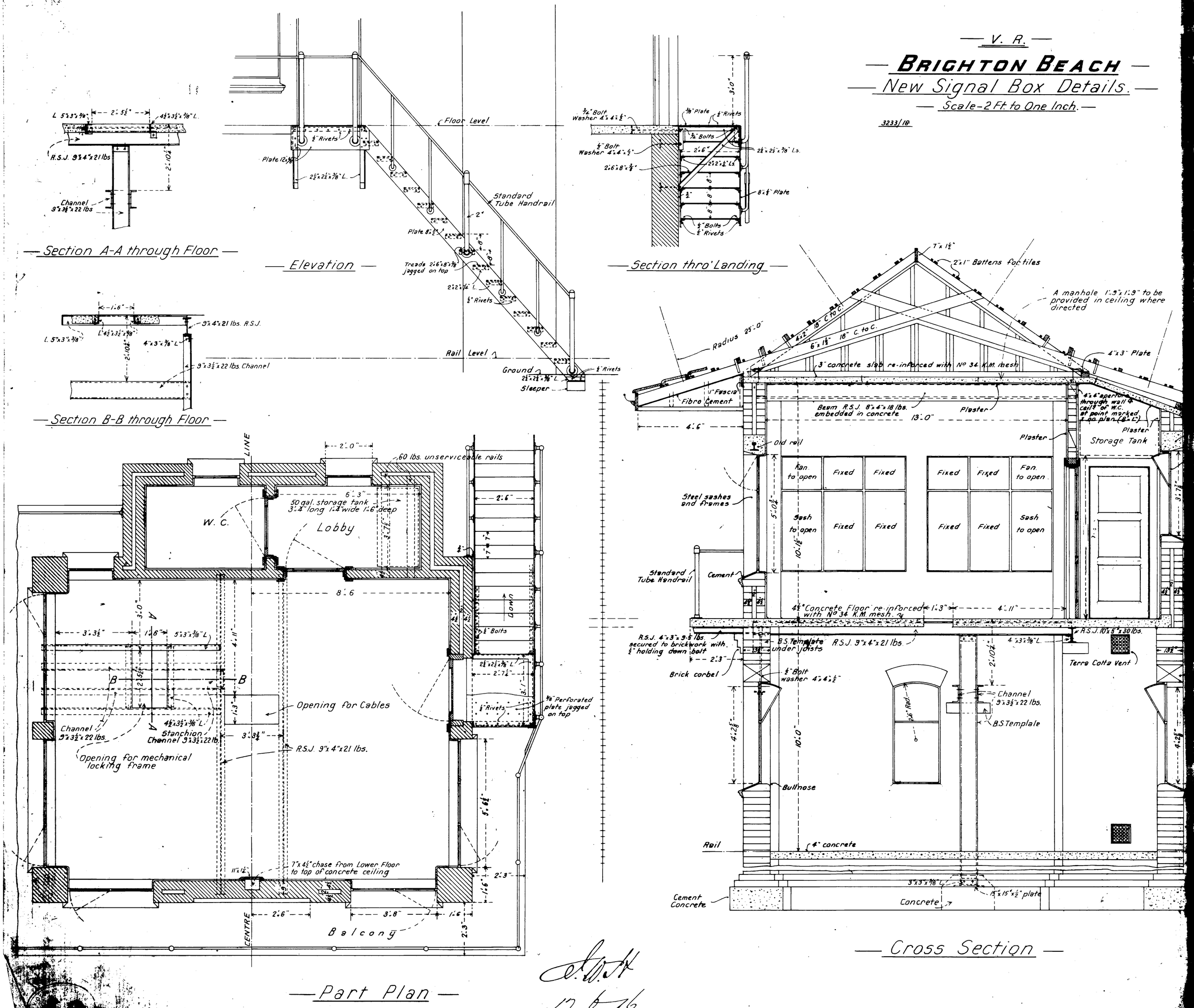
V. R.

BRIGHTON BEACH

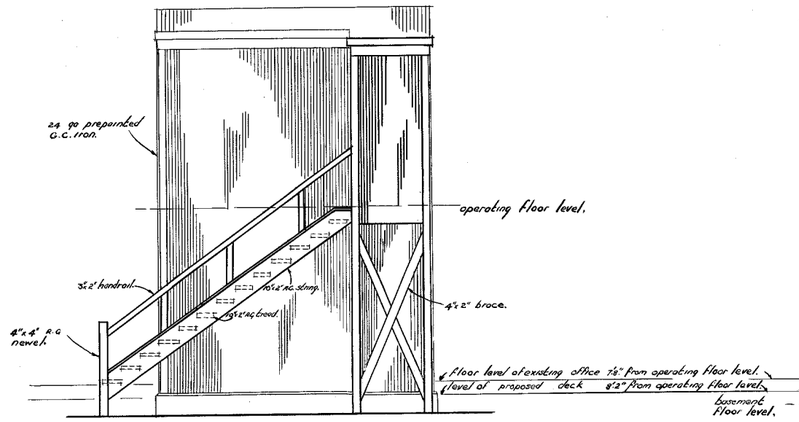
New Signal Box Details.

Scale-2 Ft. to One Inch.

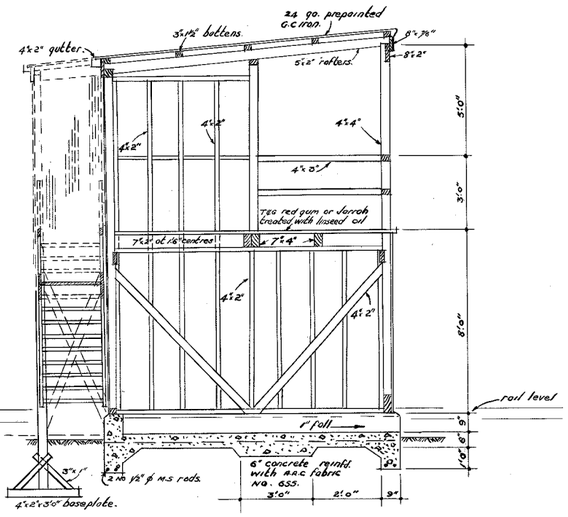
3233/18



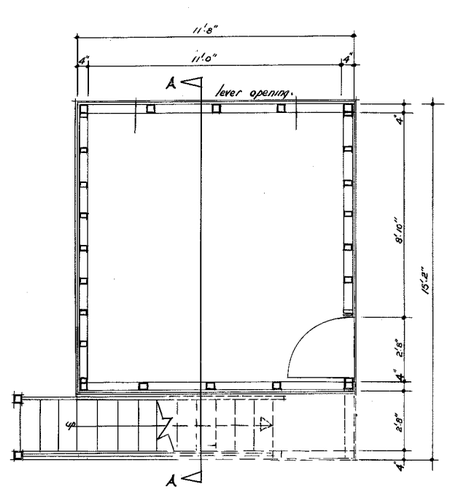
17. 6. 16



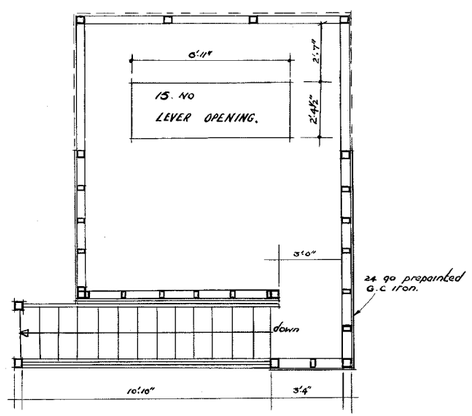
ELEVATION.



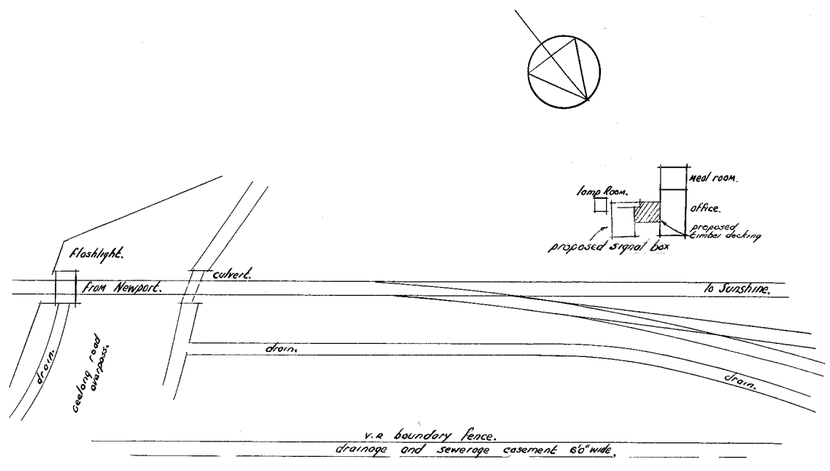
SECTION. A.A.



BASEMENT FLOOR PLAN.



OPERATING FLOOR PLAN.



SITE PLAN.
SCALE 1" = 40'

APPROVED: K.f.c 9.7.64
ENGINEER SIGNAL & TELEGRAPH.

V.R

BROOKLYN.

PROPOSED NEW SIGNAL BOX.

SCALE 1" = 4 Ft

8.7.64
CHIEF CIVIL ENGINEER

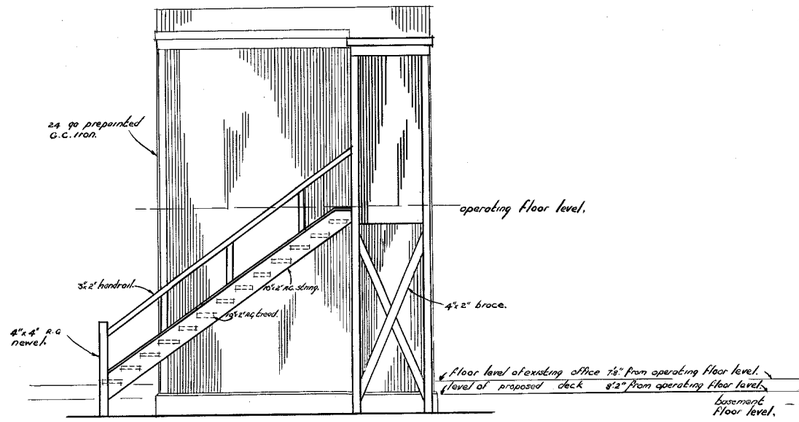
REVISION.	DATE.	AMENDMENT.	AMENDED BY.

DRAWN.	TRACED.	CHECKED	CORRES. NO.
AB.			

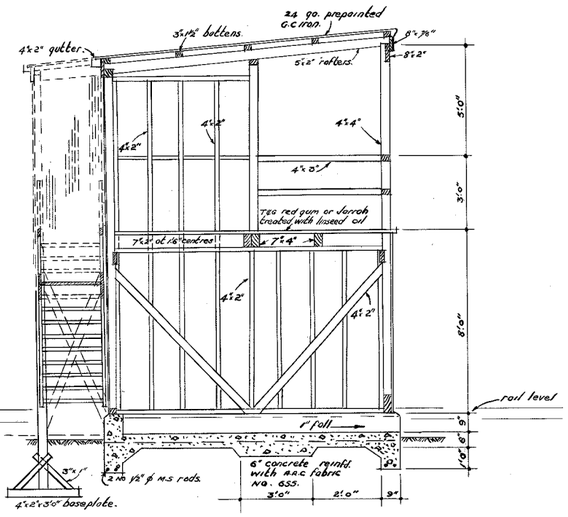
SENIOR ARCHITECT.

B. 65
B 318.

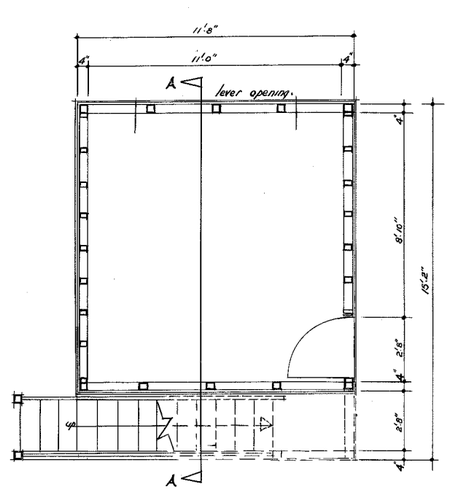
PLAN NO.
539/64.



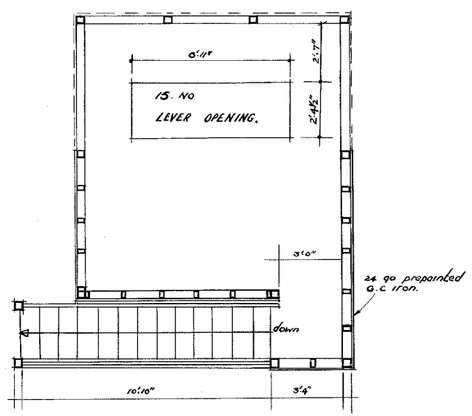
ELEVATION.



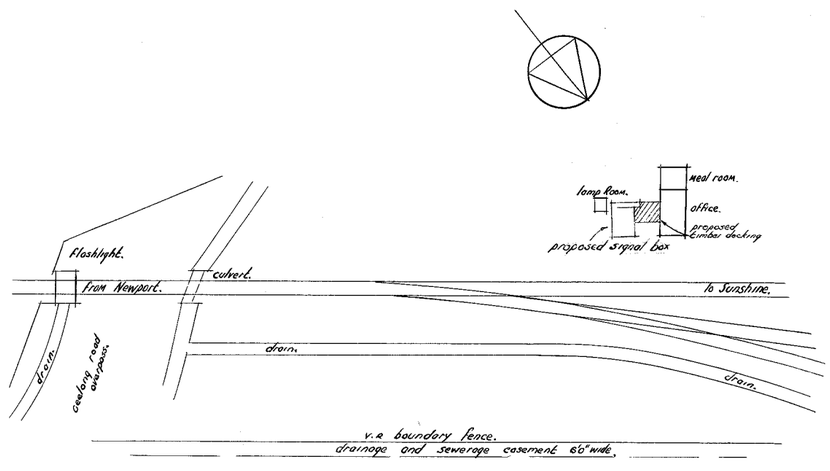
SECTION. A.A.



BASEMENT FLOOR PLAN.



OPERATING FLOOR PLAN.



SITE PLAN.
SCALE 1" = 40'

APPROVED: K.f.c 9.7.64
ENGINEER SIGNAL & TELEGRAPH.

V.R

BROOKLYN.

PROPOSED NEW SIGNAL BOX.

SCALE 1" = 4 Ft

8.7.64
CHIEF CIVIL ENGINEER

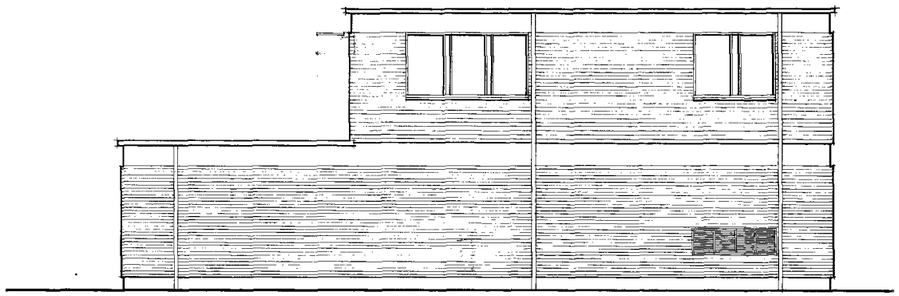
REVISION.	DATE.	AMENDMENT.	AMENDED BY.

DRAWN.	TRACED.	CHECKED	CORRES. NO.
AB.			

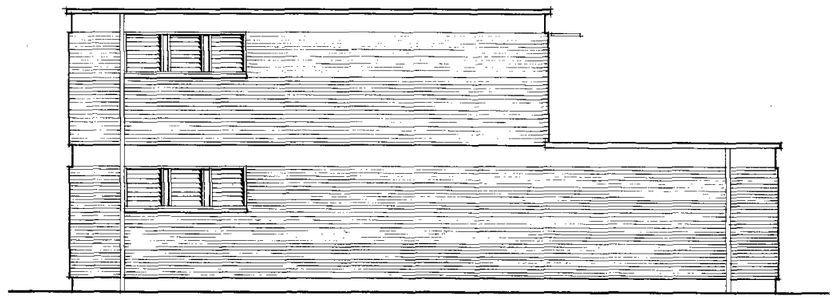
SENIOR ARCHITECT.

B. 65
B 318.

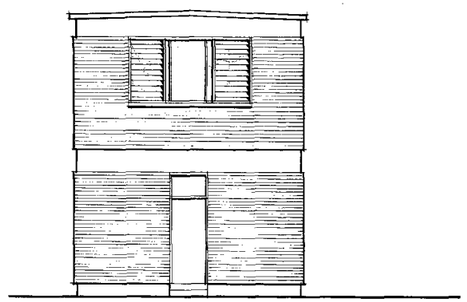
PLAN NO.
539/64.



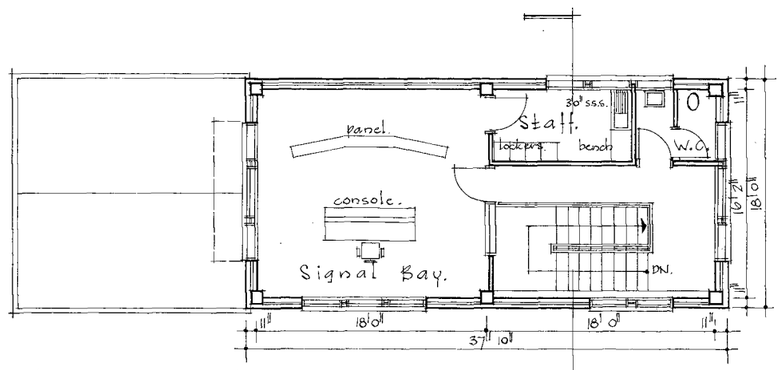
SOUTH ELEVn:



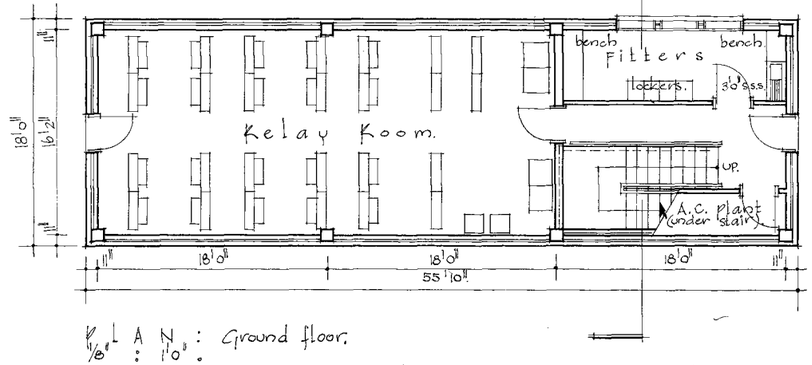
NORTH ELEVn:



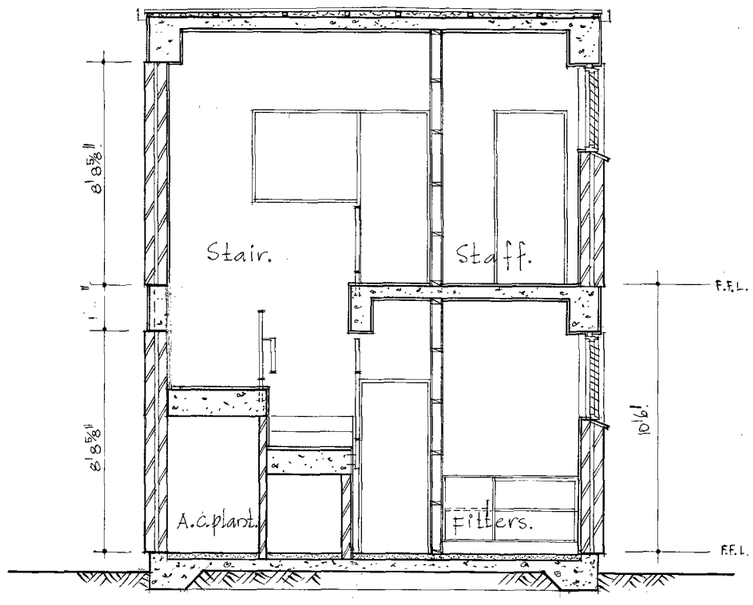
EAST ELEVn.



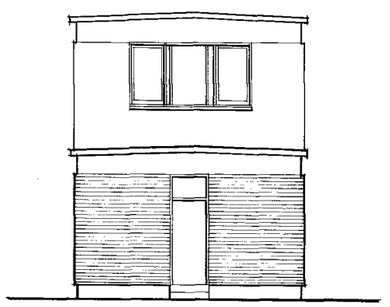
PLAN: First floor.
1/8" : 1'0".



PLAN: Ground floor.
1/8" : 1'0".



CROSS SECTION:
1/4" : 1'0".



WEST ELEVn.

Revsn	Date	Amendment.	Amn'd by.
		V.K.	

BURNLEY.
proposed New Signal Box.
Sketch plans.

S.D.H. 12.11.65
A/Chief Civil Engineer

Scales as shown.

Drawn	Trace	Check	Correct		S.325	PLAN No.
S.F.R.				Sen. Architect	C.65.	818.65.

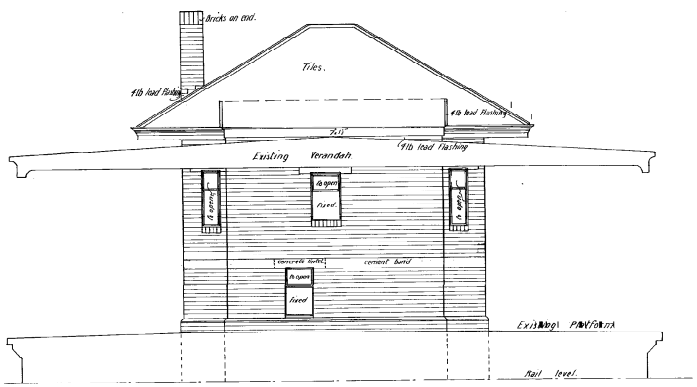
Approved S & T. Engineer.

B. 1. 2
21094
9 x 37
21094

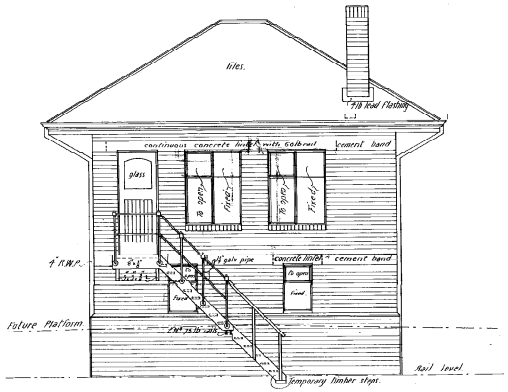
314 1 W

V-R
CAMBERWELL
NEW SIGNAL BOX
¼" Scale.

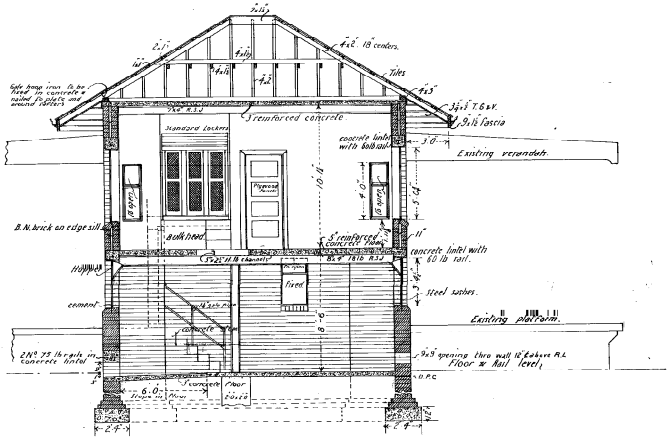
P.H.R. 26.6.22.



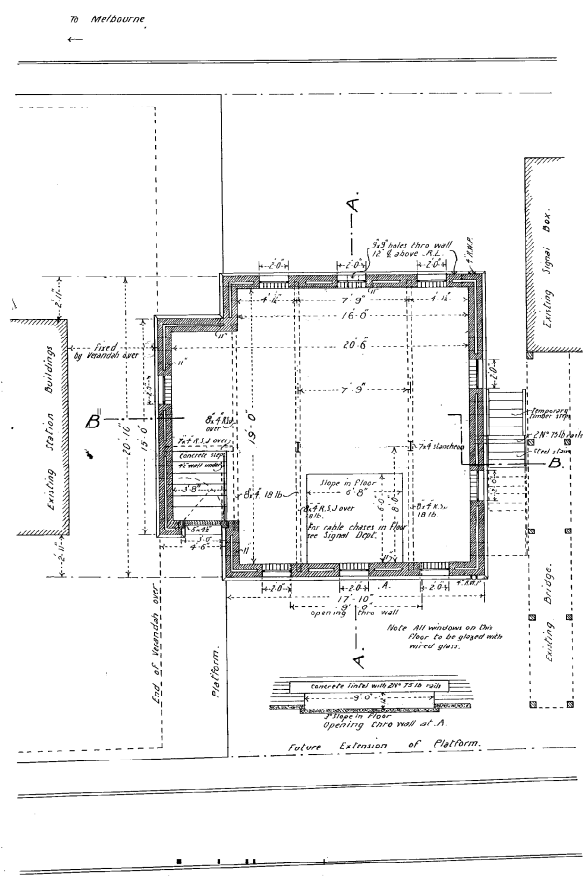
ELEVATION FROM PLATFORM



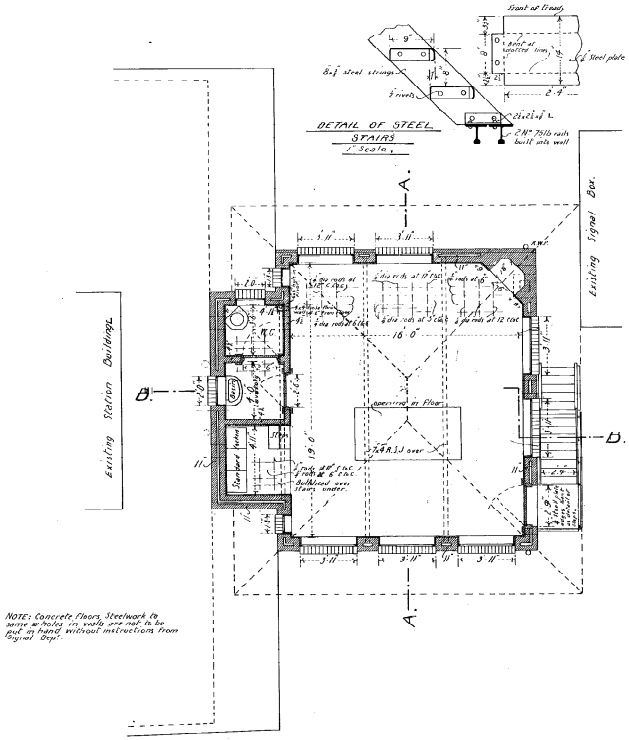
END ELEVATION



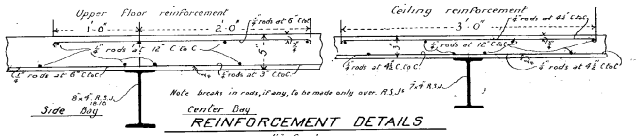
SECTION A-A



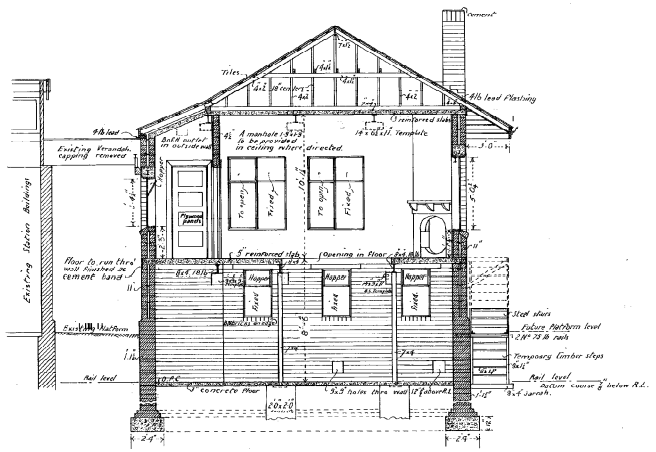
GROUND FLOOR PLAN



UPPER FLOOR PLAN



REINFORCEMENT DETAILS
1½" Scale



SECTION B-B

Approved
14.6.22

1417-22

Jas. Fawcett B.78.
Architect A.64.
16.6.22.

\\BLP07-DMS\am\Vault,D-Non Compliant Drawings,S-Test Difference Env\Drawings\Structural\AIS\CAMBERWELL\2292_22_115G.cal

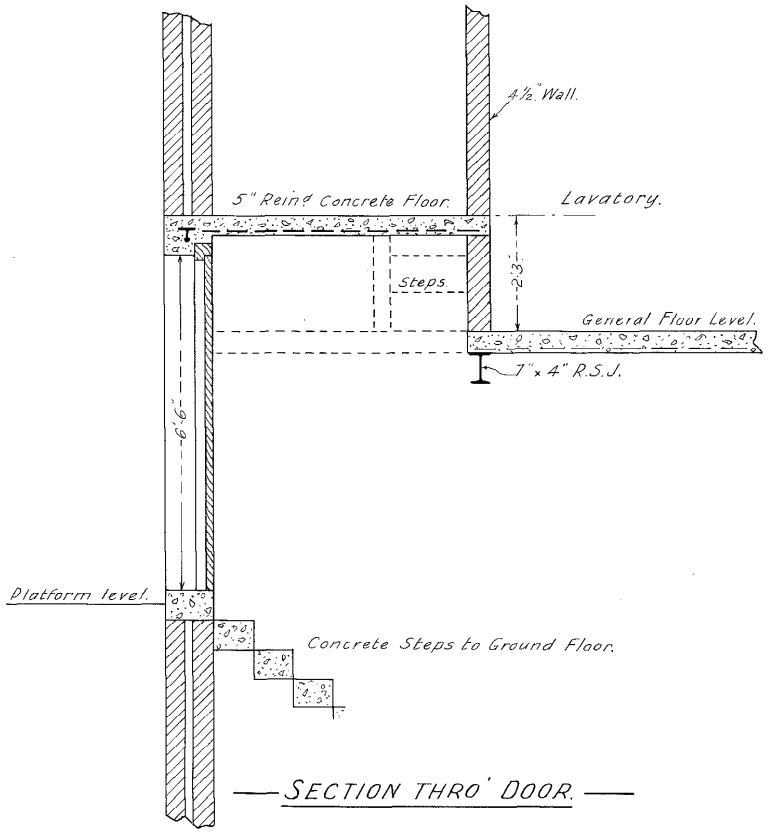
20876

V. R.

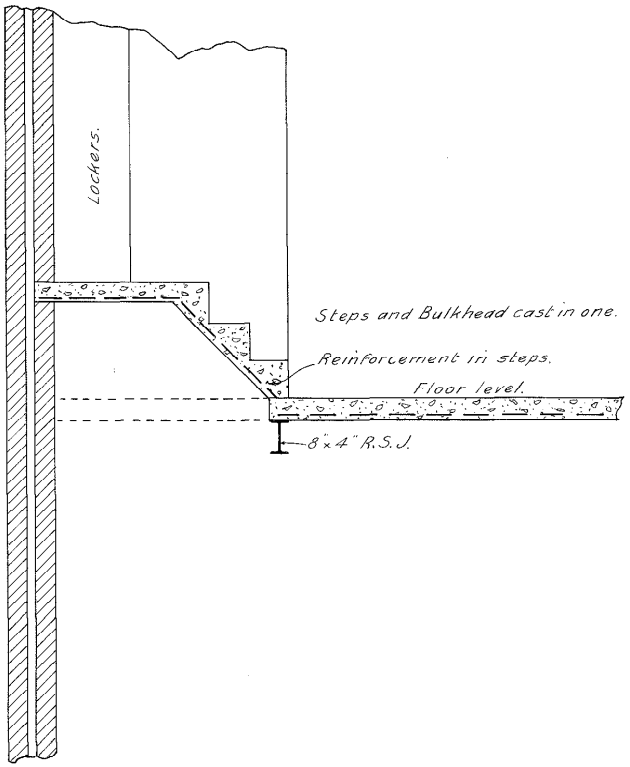
CAMBERWELL SIGNAL BOX.

DETAIL OF BULKHEAD.

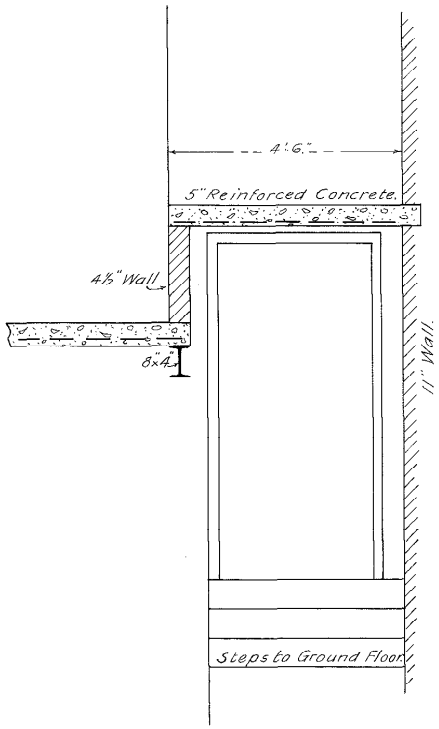
Scale :- 2 Feet to an Inch.



SECTION THRO' DOOR.



SECTION THRO' BULKHEAD STEPS.

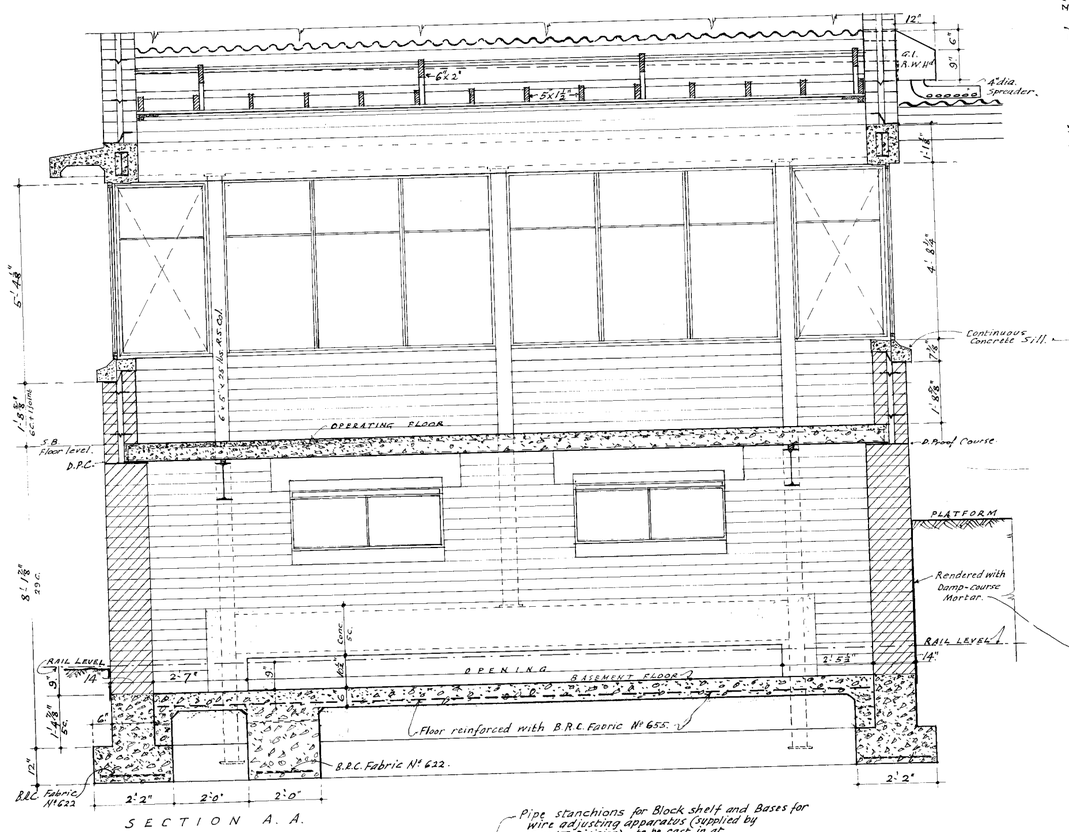


SECTION THRO' BULKHEAD.

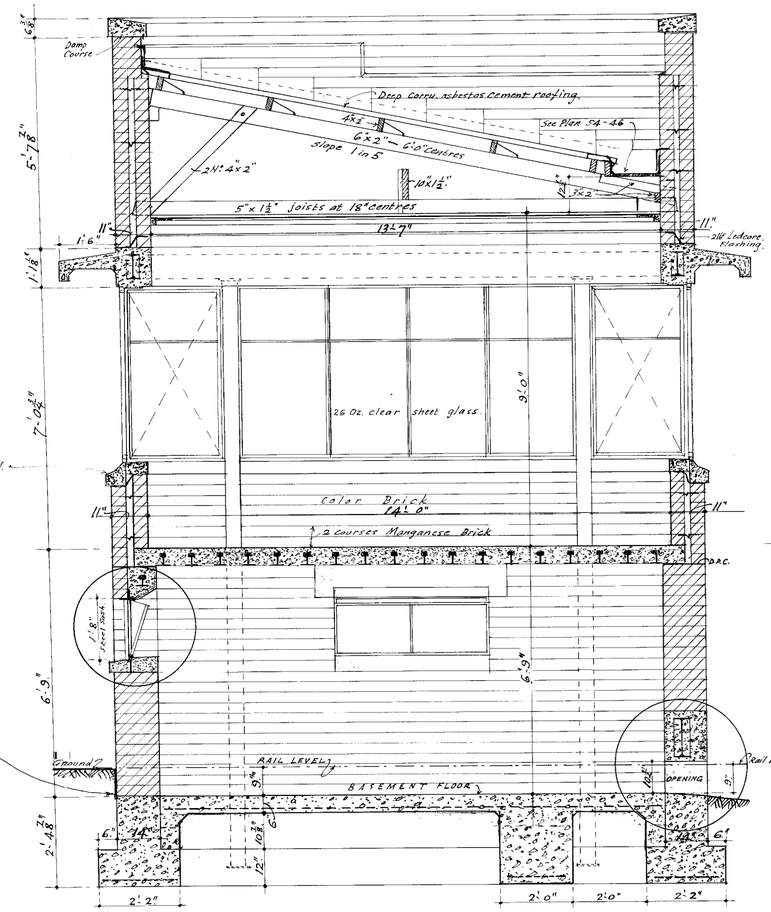
2292-22

Jas. Bawcutt
Architect.
18.9.22.

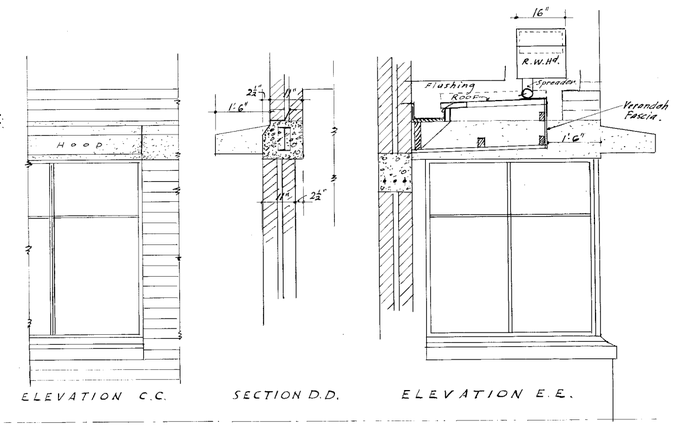
B 47
C 65



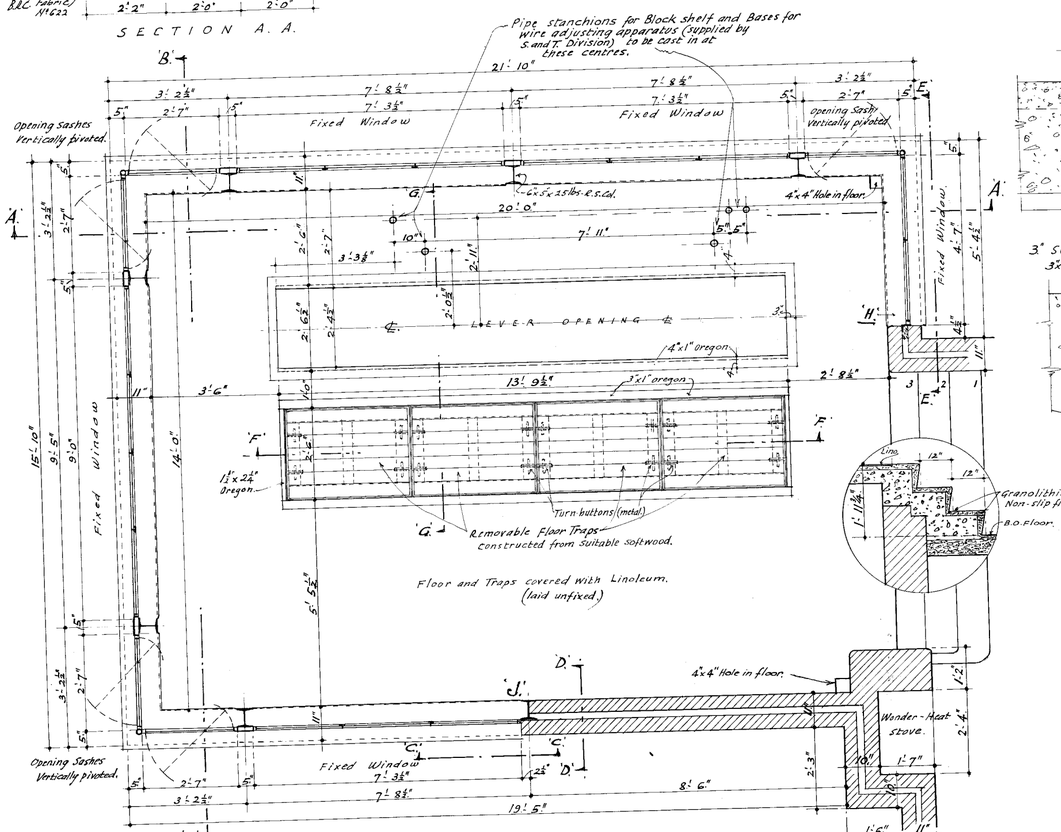
SECTION A.A.



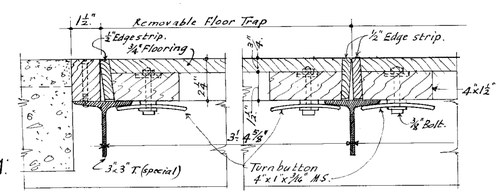
SECTION B.B.



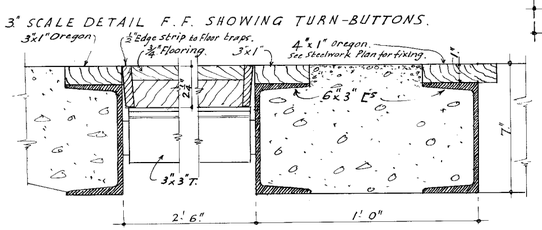
ELEVATION C.C. SECTION D.D. ELEVATION E.E.



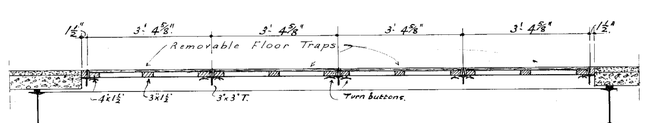
OPERATING FLOOR PLAN.
Scale - ½" = 1'-0"



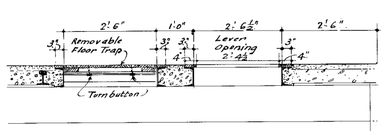
3" SCALE DETAIL F.F. SHOWING TURN-BUTTONS.



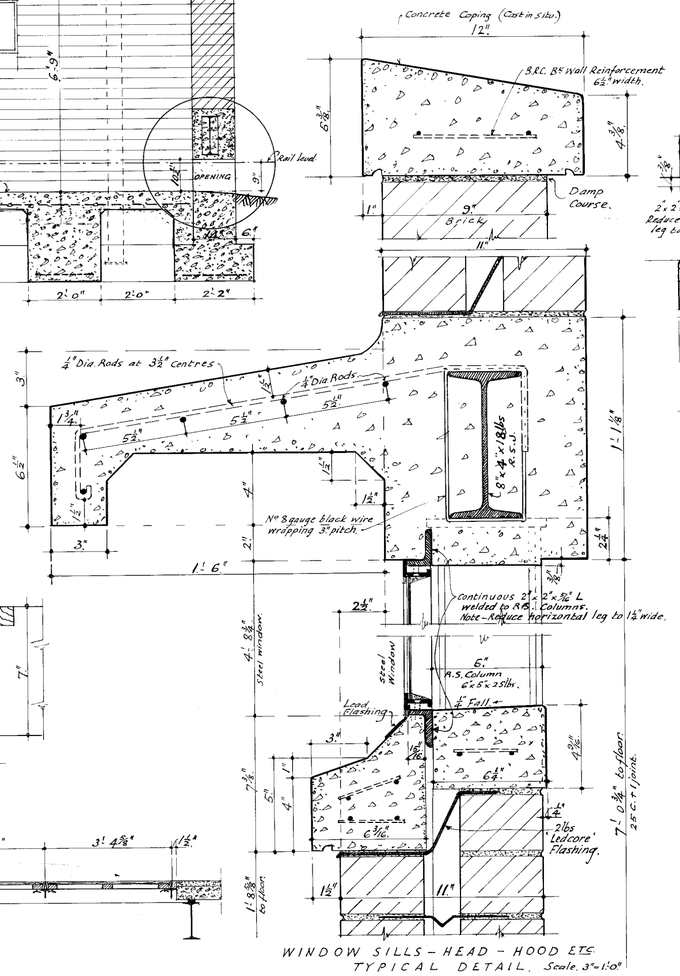
3" SCALE SECTION G.G.



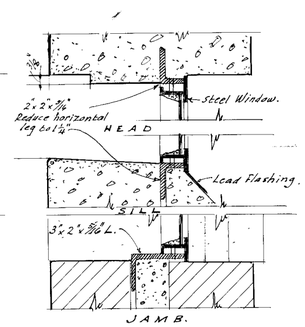
SECTION F.F.



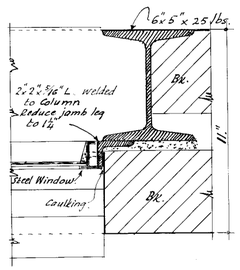
SECTION G.G. ½" Scale.



WINDOW SILLS - HEAD - HOOD ETC.
TYPICAL DETAIL. Scale 3" = 1'-0"



DETAIL AT "H."



DETAIL AT "J."

Completed

Sig. & Tel. Engineer

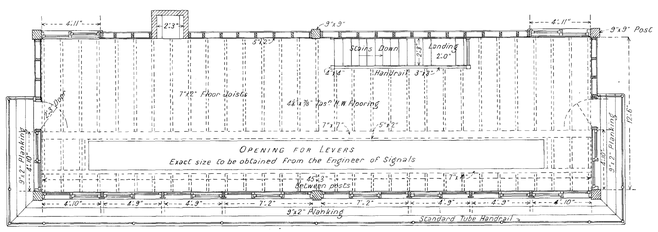
See Plan No 185-46 for Steelwork,
" " " 669-45 " Basement Plan.

V.R
CARRUM
NEW STATION BUILDINGS
DETAILS OF SIGNAL BOX - UP SIDE.
SCALES - ½" and 3" = 1'-0"

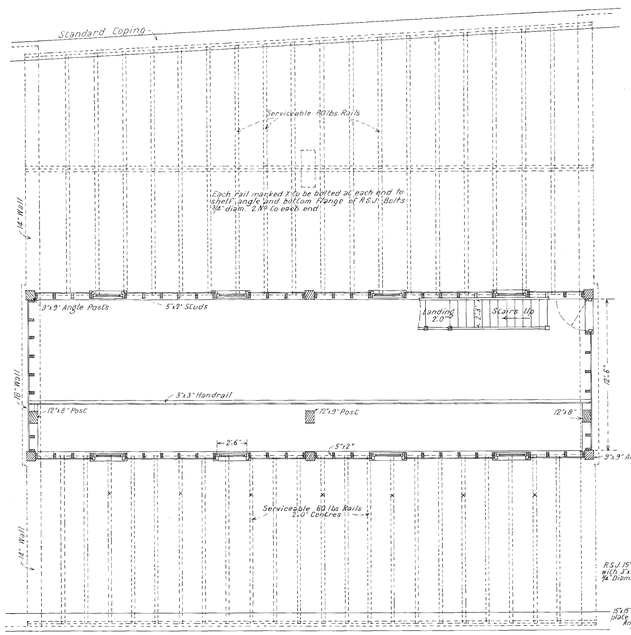
CHIEF CIVIL ENGINEER

WORK COMPLETED					
DRAWN BY	CHECKED BY	CORRES No	CHIEF ARCHITECT	S.B. 2629	PLAN No
A.T.		1300/40	9-4-1946	A.23	198-46

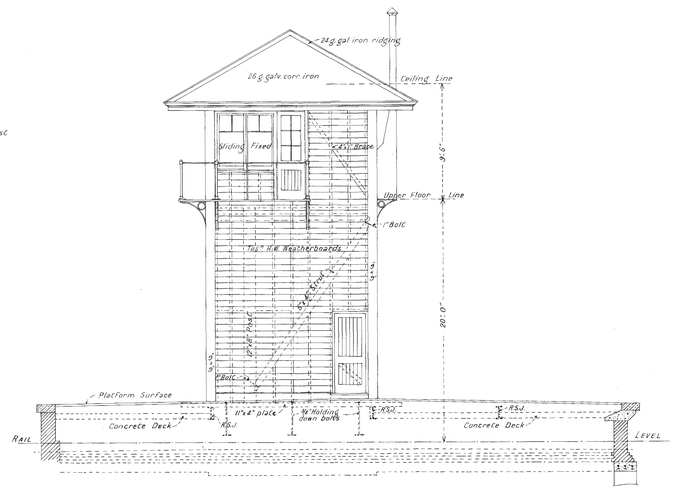
— V. R. —
— CASTLEMAINE —
— NEW SIGNAL BOX —
Scale 4 Feet to an Inch.



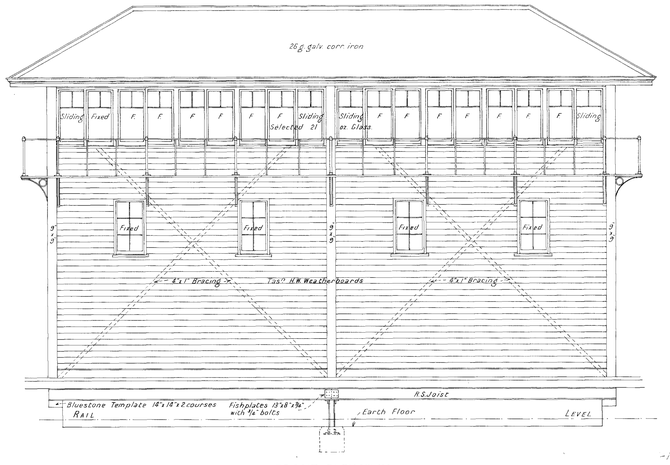
— UPPER FLOOR PLAN —



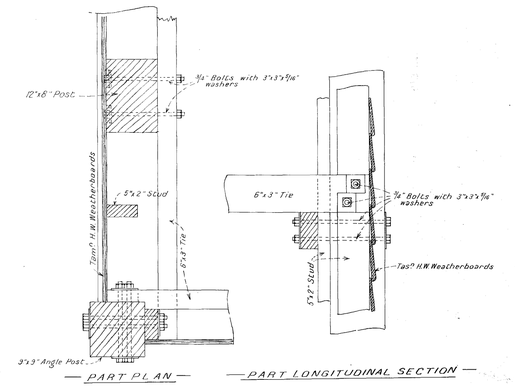
— LOWER FLOOR PLAN —



— END ELEVATION —



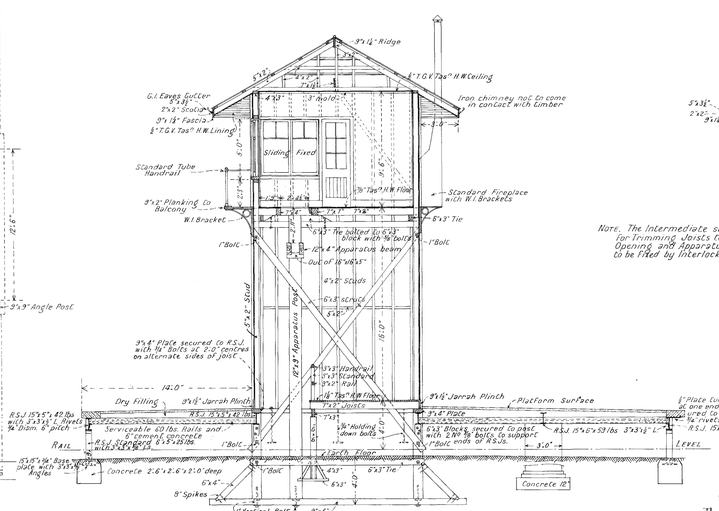
— FRONT ELEVATION —



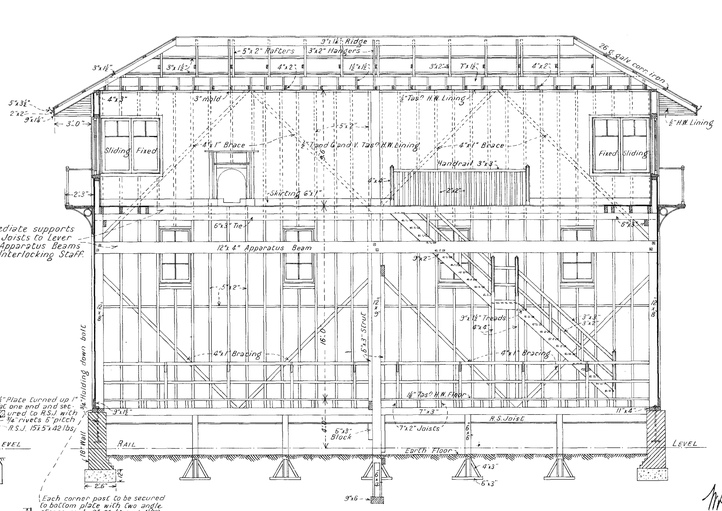
— PART PLAN — — PART LONGITUDINAL SECTION —

— DETAIL OF HORIZONTAL TIES —
— 1½" = 1'0" —

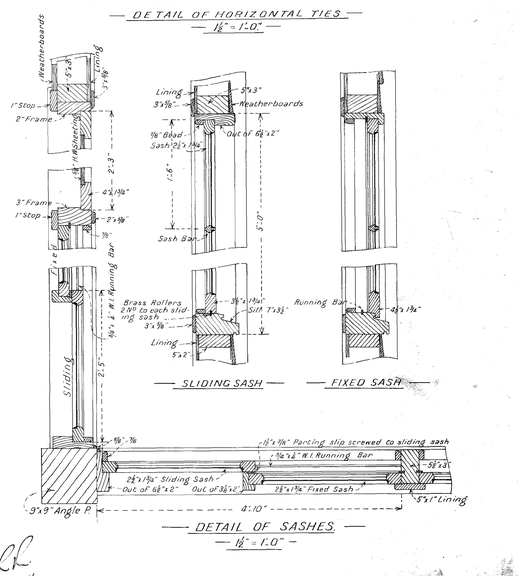
— LOWER FLOOR PLAN —



— SECTION A-A —



— SECTION B-B —



— SLIDING SASH — — FIXED SASH —

— DETAIL OF SASHES —
— 1½" = 1'0" —

10. 3. 11.

11. 2. 14.

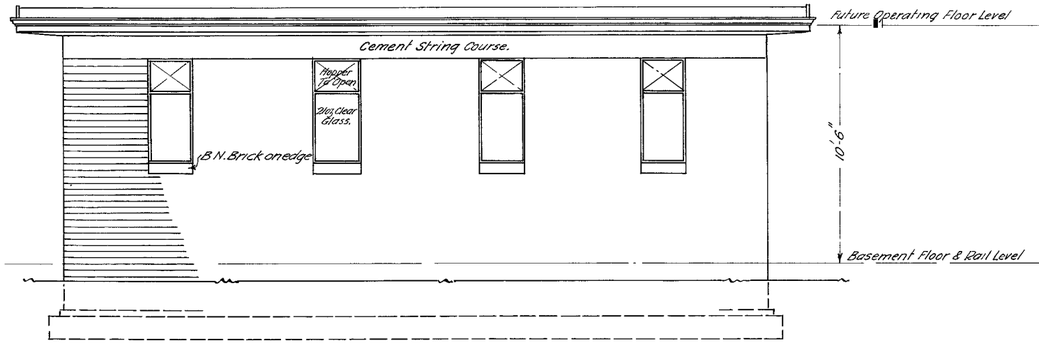
K.1.4
21170
7 8 39

— V. R. —
— CAULFIELD —
— NEW SIGNAL BOX. —
— Scales 1/4" & 1 1/2" = 1'-0" —

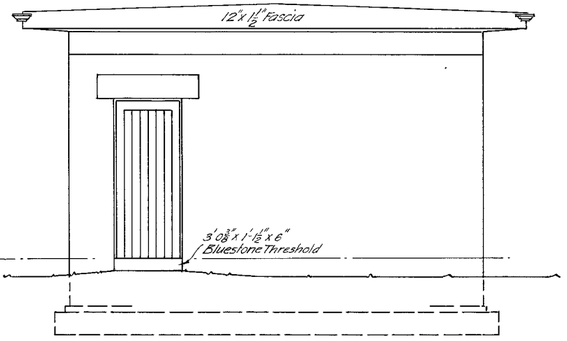
1002/26

WJY 15 4 26

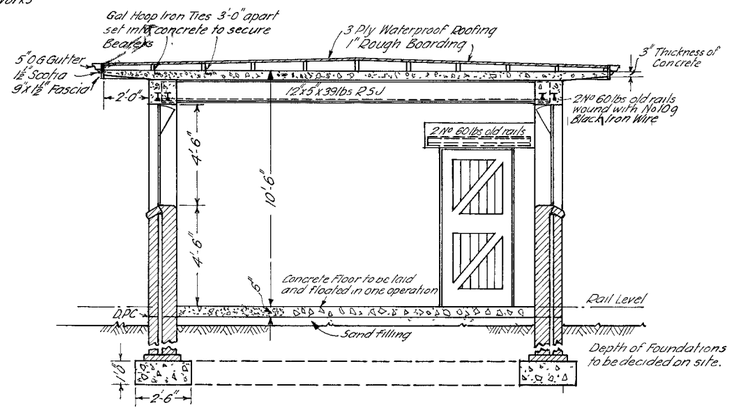
Chief Engineer of Way & Works
19-4-26.



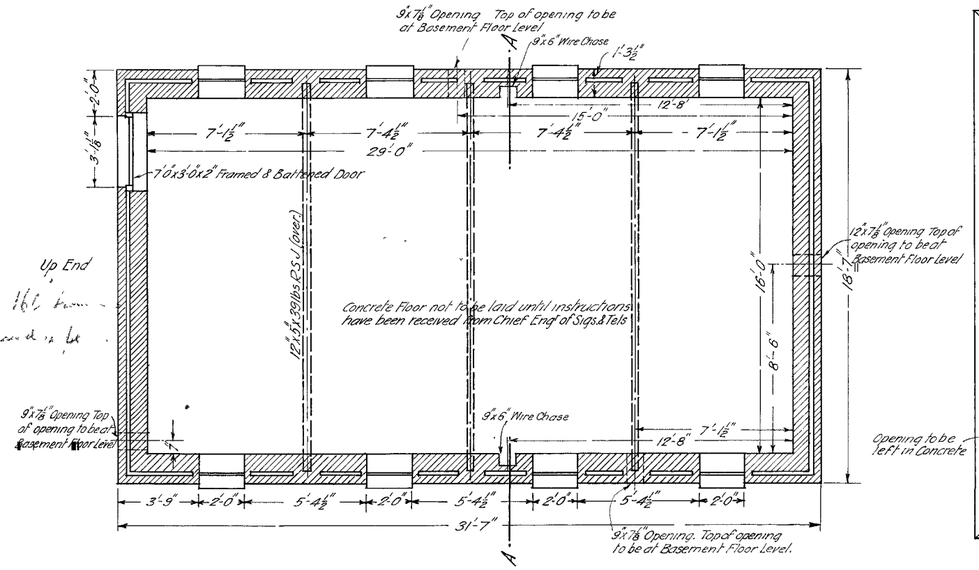
— NORTH & SOUTH ELEVATION. —



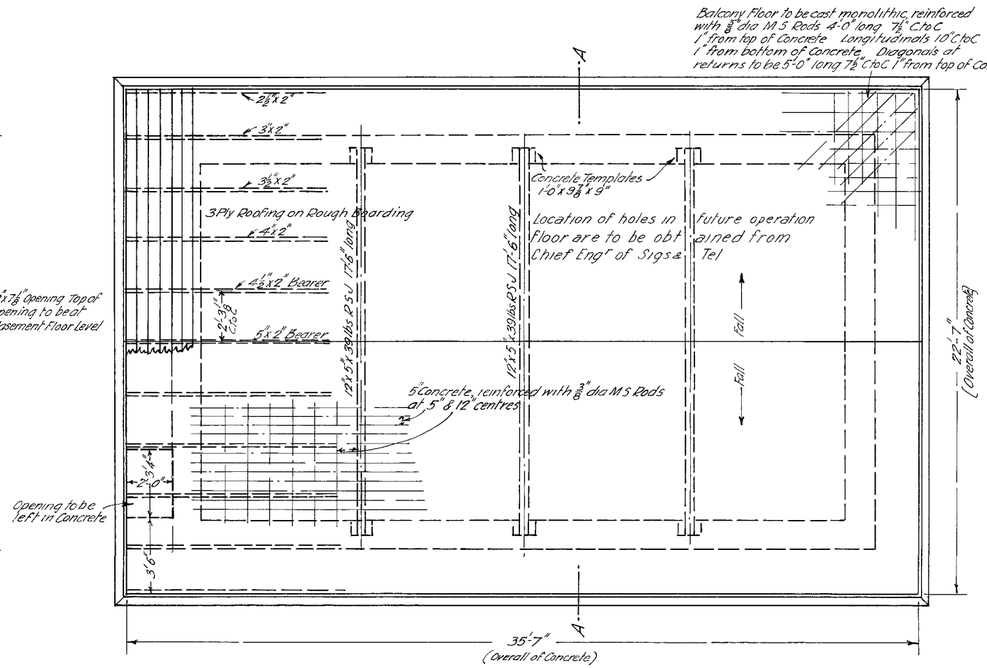
— WEST ELEVATION. —



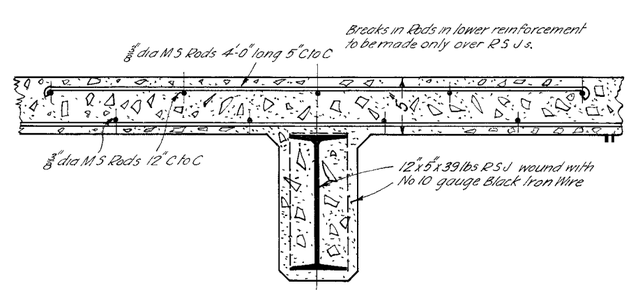
— SECTION A A —



— BASEMENT PLAN —



— PLAN OF TEMPORARY ROOF. —



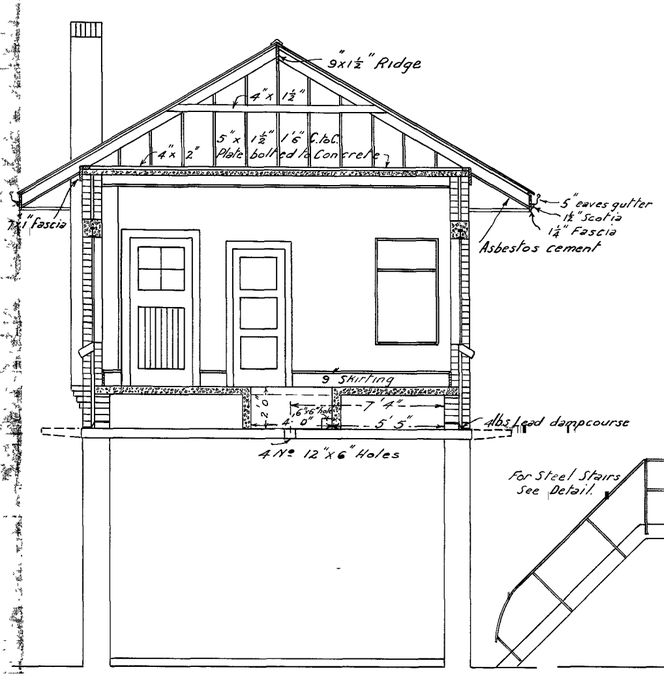
— DETAIL OF FUTURE OPERATING FLOOR. —
— Scale 1 1/2" = 1'-0" —

Chief Engineer of Sigs. & Tels.

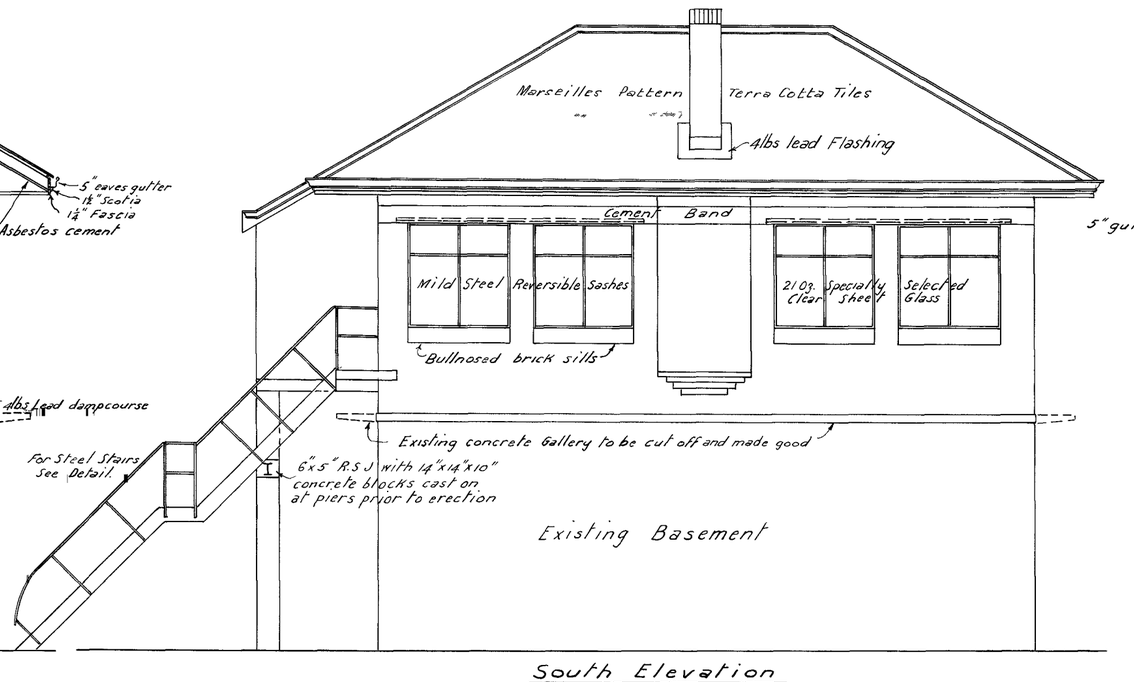
Chief Architect
19.4.26.

1431.26
B 85
C 65

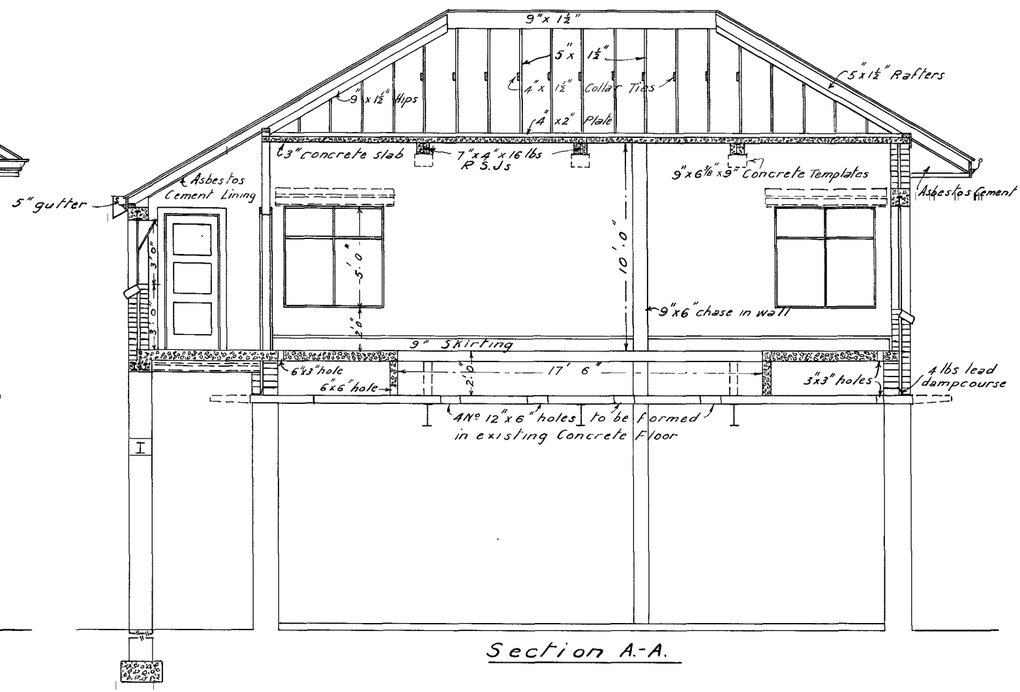
K.1.4.
21172
4 8 39



Section B.-B.

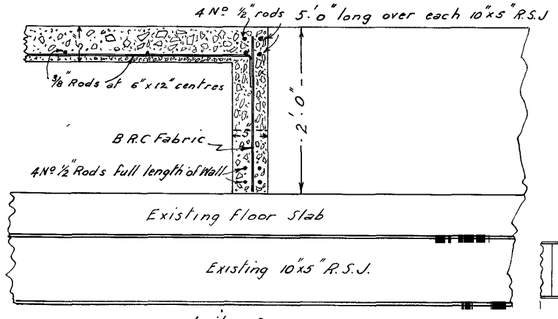


South Elevation

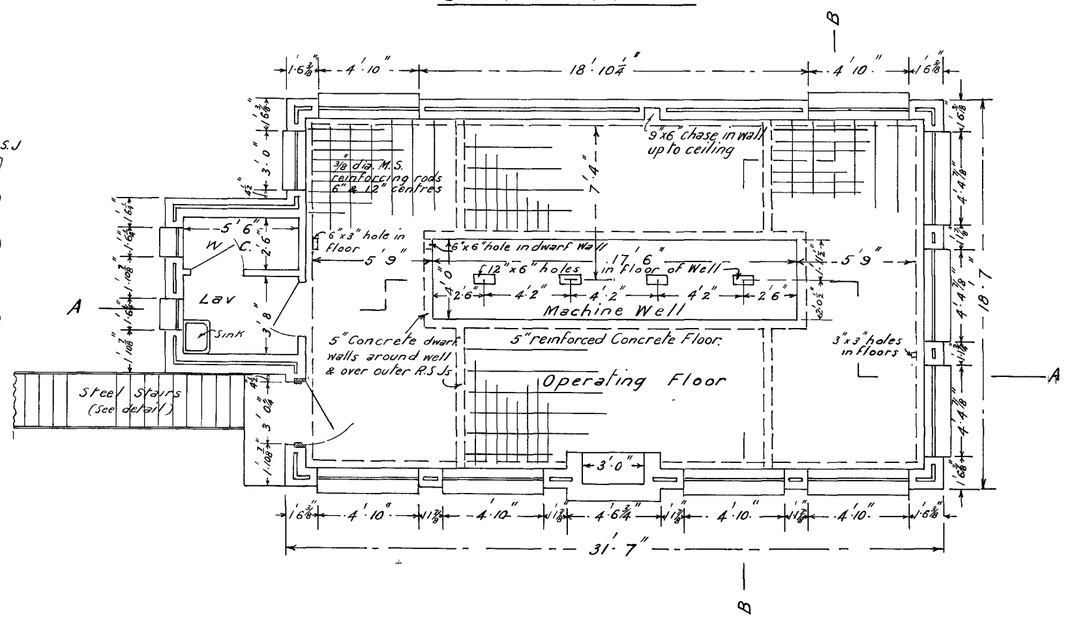


Section A.-A.

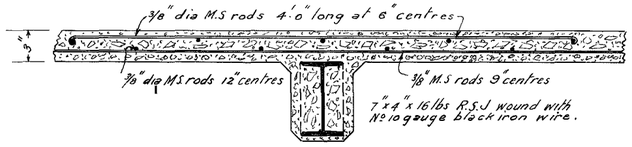
Note: Upper portion of floor slabs to be reinforced over points of bearing. (See detail of ceiling slab)



Detail of Floor



Plan of Operating Floor



Detail of Ceiling Slab

V. R.

CAULFIELD

UPPER FLOOR TO SIGNAL BOX

SCALES ¼" & 1½" = 1 FOOT

Chief Engineer of Way and Works

27-4-32

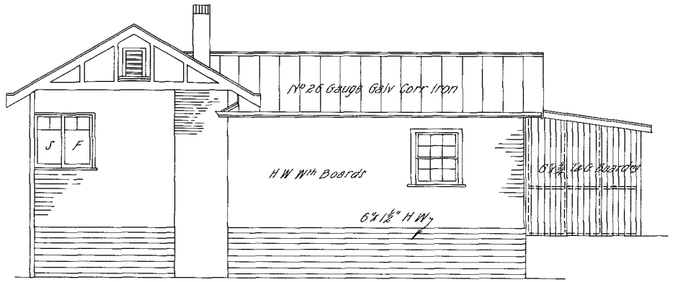
Drawn by	Checked by	Corres. No.			
F.G.B.		6004/30	Chief Architect	B.170. A.64.	PLAN No. 400-31

K.1.4
21173
14 8 39

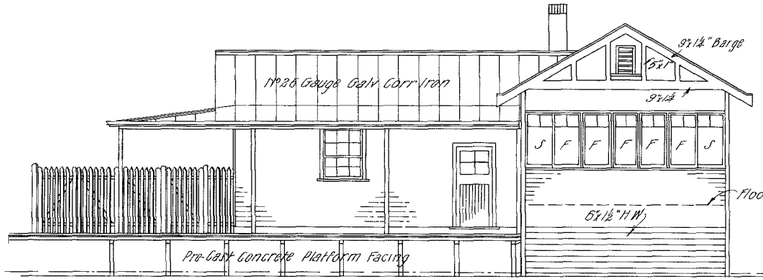
V.R.
CHELSEA.
NEW COMBINED BOOKING OFFICE AND SIGNAL BOX.
Scale 8 Ft = 1 Ins

WRB 27 10 23

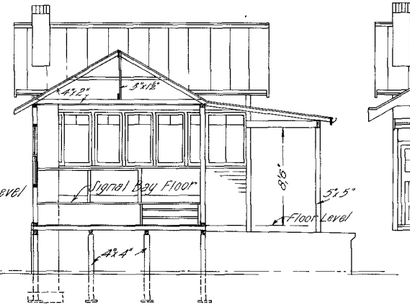
9566/23



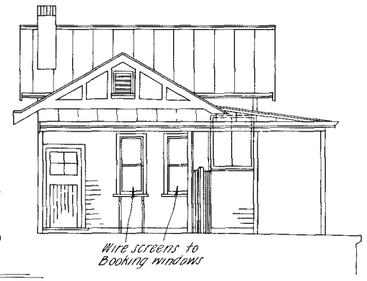
ELEVATION TO ROAD.



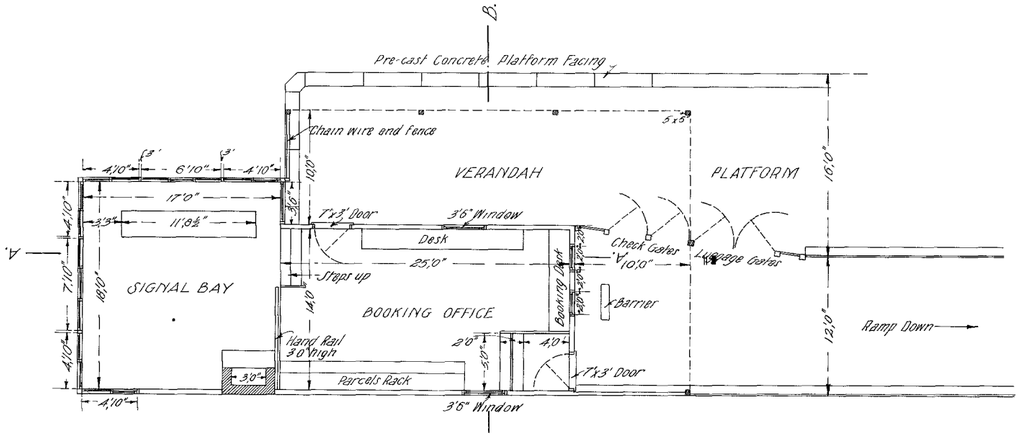
ELEVATION TO RAILWAY.



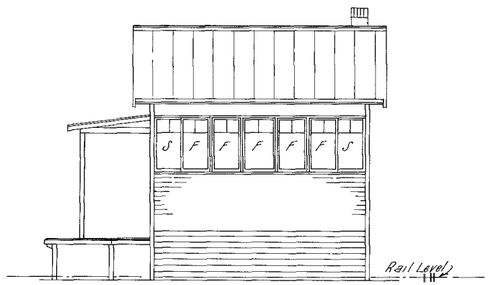
SECTION B.B.



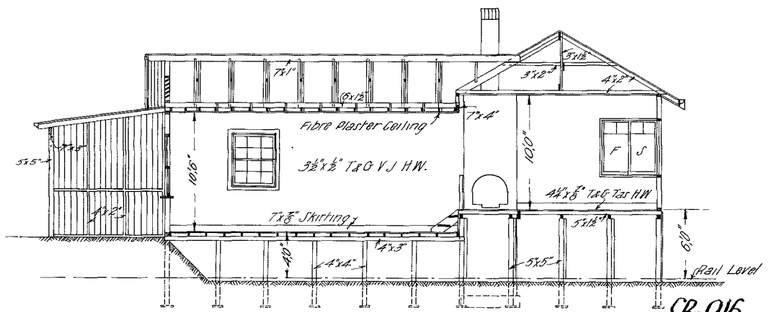
ELEVATION TO RAMP.



PLAN.



END ELEVATION.



SECTION A A.

SB-916.
C-33.

5183.23

Jas. Tawell
Chief Architect.
29 10 23

B. I. 2.
21097
14 8 39

4-37
IW
A.D.M.

— V.R. —

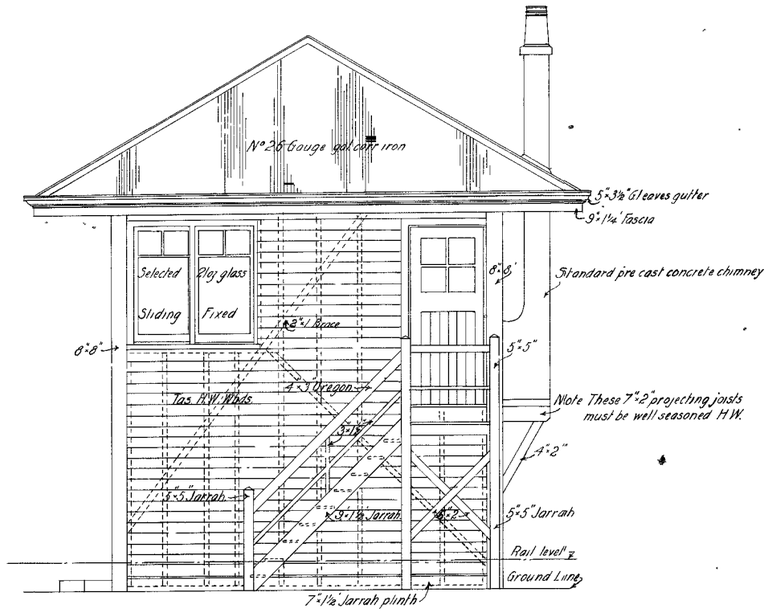
— CHELTENHAM —

— NEW SIGNAL BOX —

Scales 40 Ft to 1 Inch
1/4" = 1'-0"
1 1/2" = 1'-0"

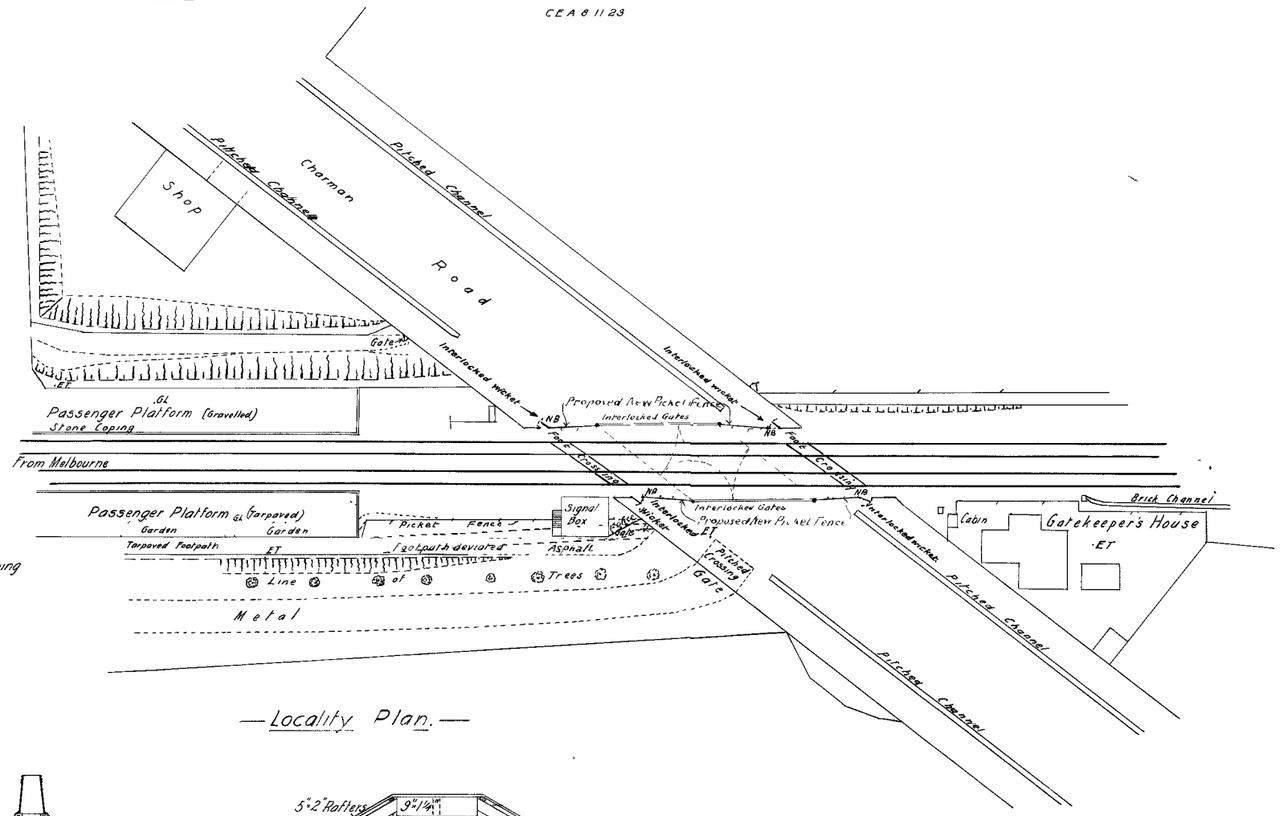
W&W 9566/23

C.E.A. 8.11.23

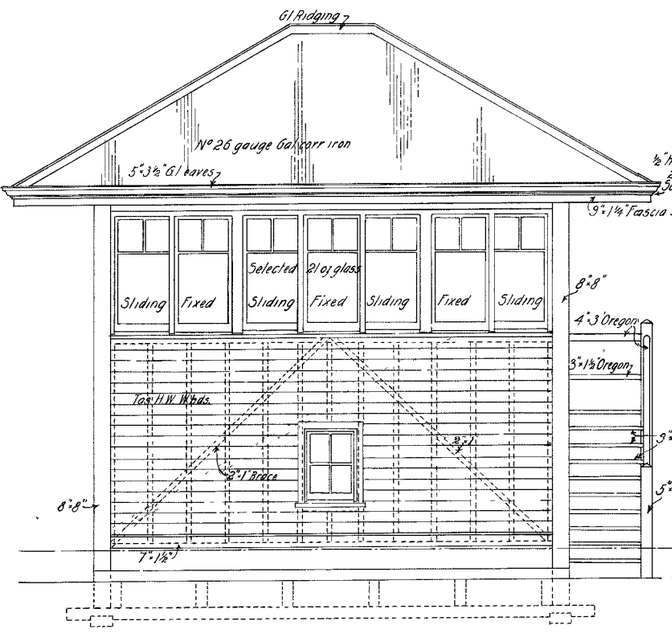


— End Elevation. —

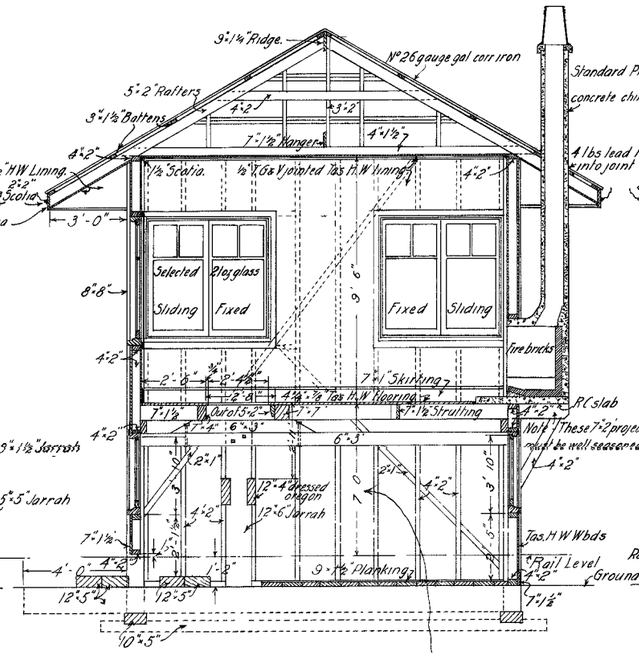
Note
All timbers above ground to be of Hardwood unless otherwise specified
Timbers below ground to be Red gum or Jarrah
All machine timbers & trimmers for lever opening to be of Oregon
All bolts to be square headed & fitted with standard washers



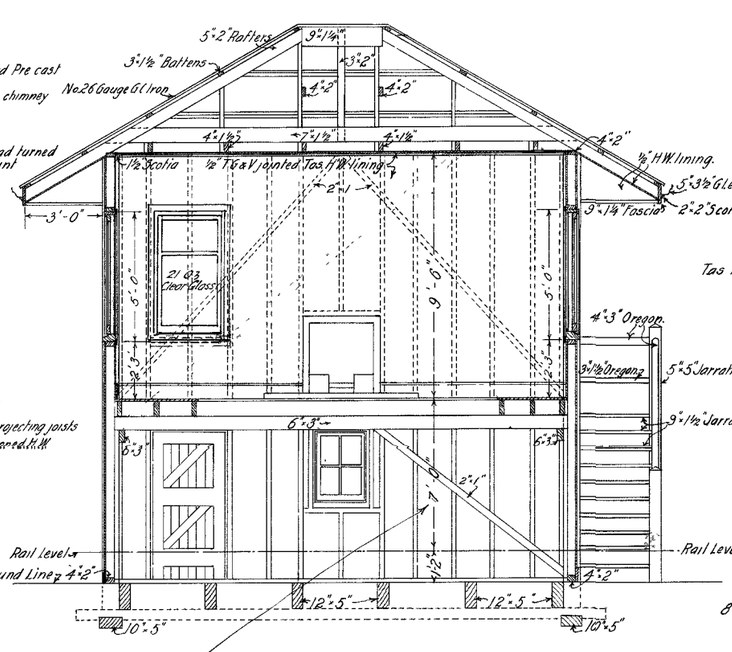
— Locality Plan. —



— Front Elevation. —

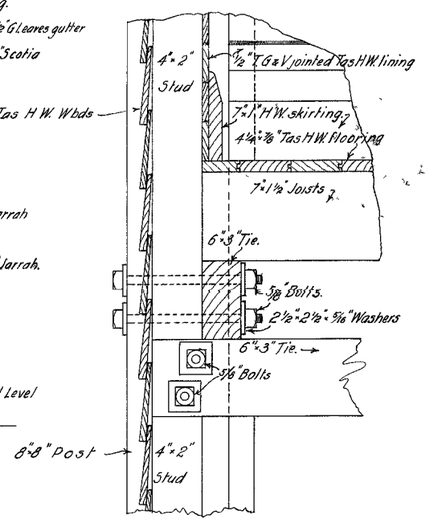


— Section A-A. —

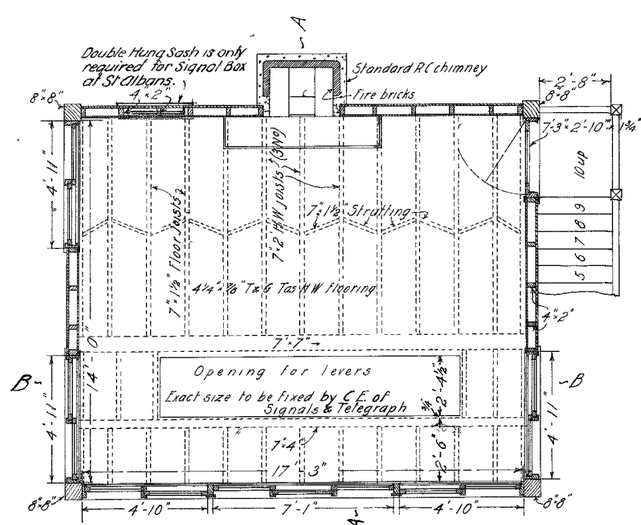


— Section B-B. —

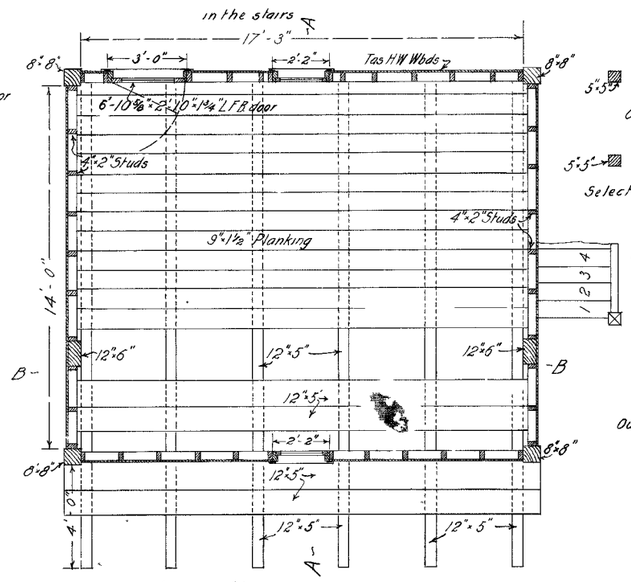
Note :— The height of the operating floor above the Rail level, scales 6'-0" but this measurement is to be 7'-0", as indicated above
Attention is drawn to this, so that allowance may be made, when ordering Materials. The door & the two windows in the lower floor, will therefore be each 1'-0" more in height, and an additional step will be required in the stairs



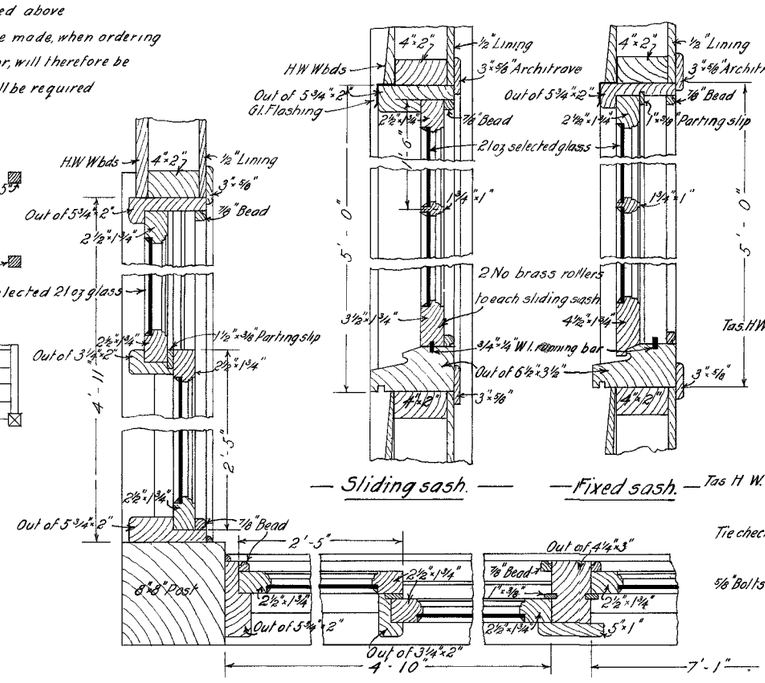
— Section. —



— Operating Floor plan —



— Lower floor plan. —



— Sliding sash. — — Fixed sash. —

— Plan — — Detail of sashes. —

— Plan — — Detail of Horizontal ties. —

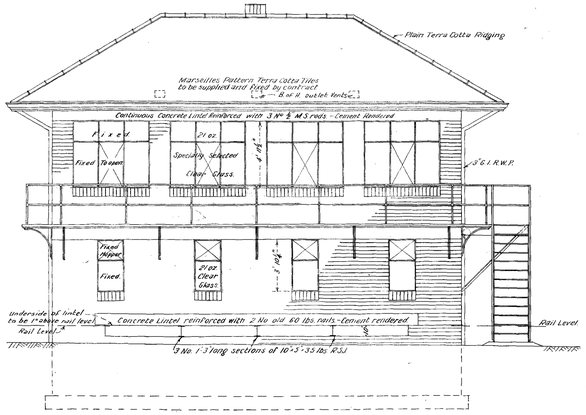
— Section. —

Chief Engineer of Stgs & Tels.
" " " "
Approved for Cheltenham
for St Albans.

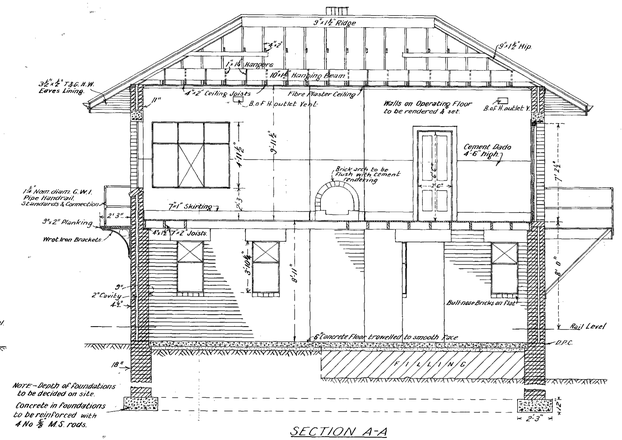
Chief Architect.
10.11.23

5358-23

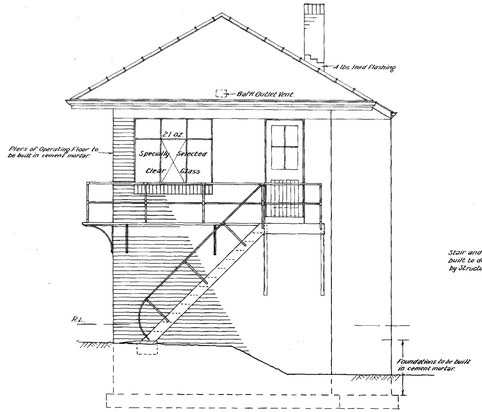
347



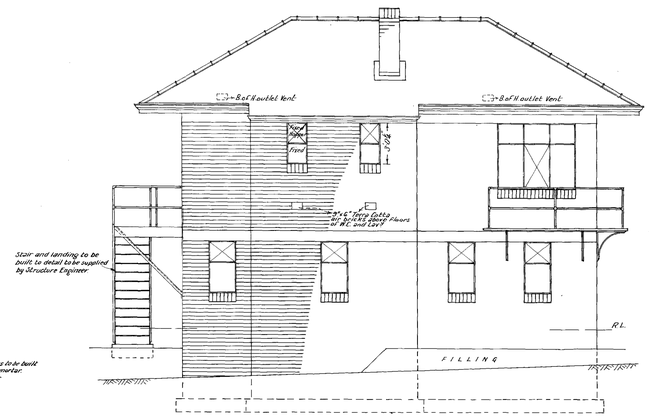
ELEVATION TO TRACK



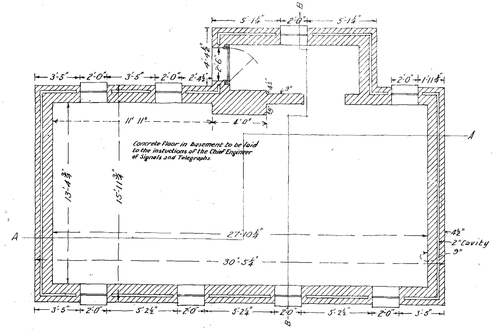
SECTION A-A



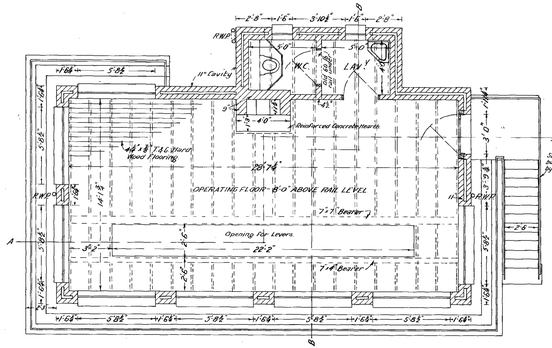
NORTH ELEVATION



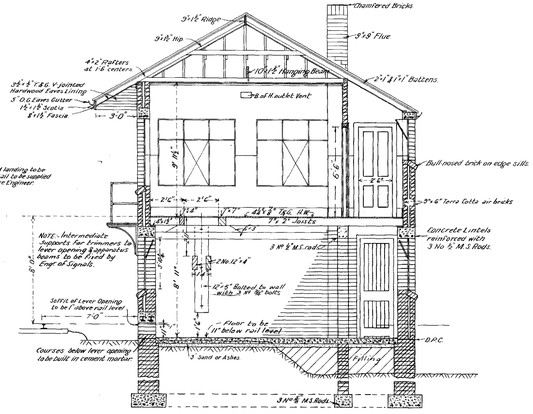
WEST ELEVATION



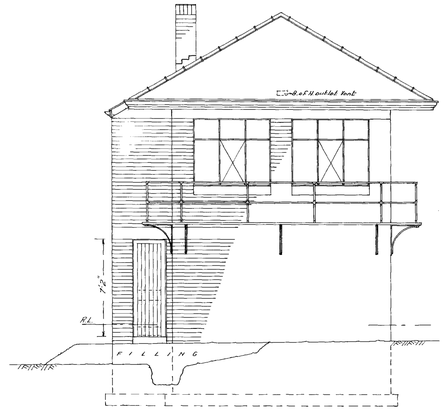
BASEMENT PLAN



OPERATING FLOOR PLAN



SECTION B-B



ELEVATION TO MUNRO STREET

Chief Engineer of Signals & Telegraphs.
1/6/28

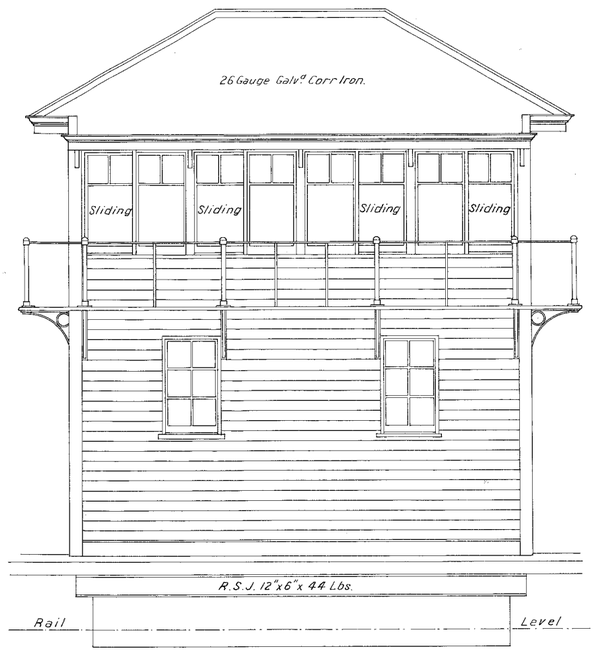
Instructions issued 15/5/1928

V.R.
COBURG.
NEW SIGNAL BOX AT MUNRO STREET.
SCALE - ¼ INCH TO 1 FOOT.

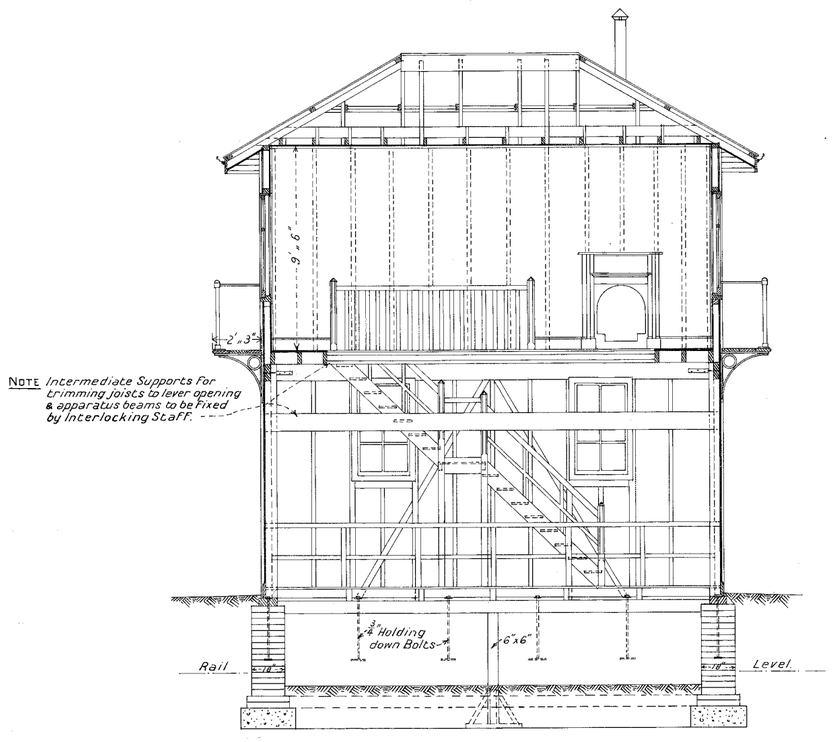
Chief Engineer of Way & Works.

Drawn by	Checked by	Corres No			
W.K.O.	H.S.	1120/28	Chief Architect	B-157 A-64	PLAN No 347/28

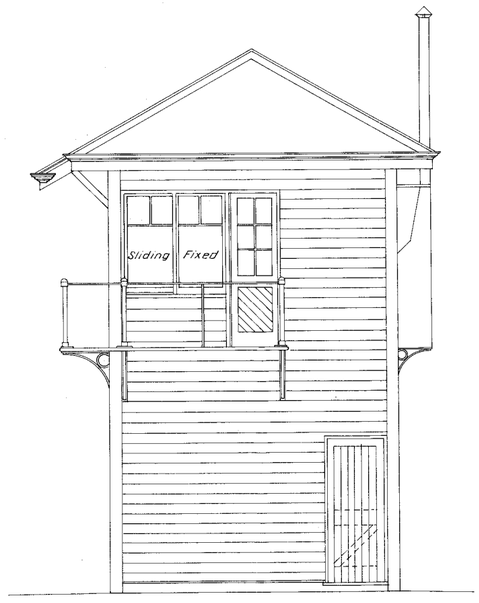
V. R.
CRESWICK STATION
NEW SIGNAL BOX
Scale 4 Feet to an Inch



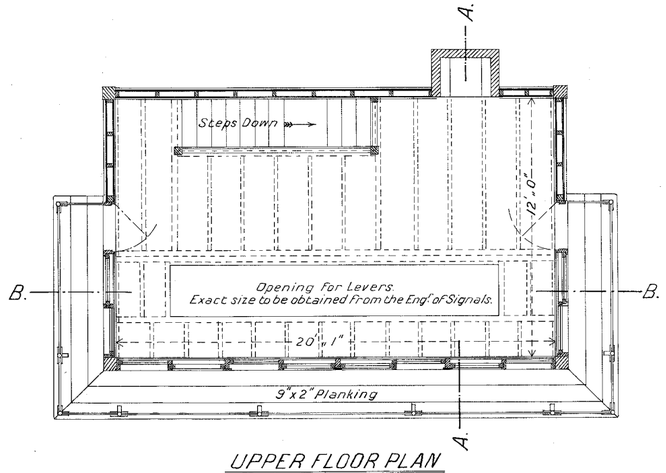
FRONT ELEVATION



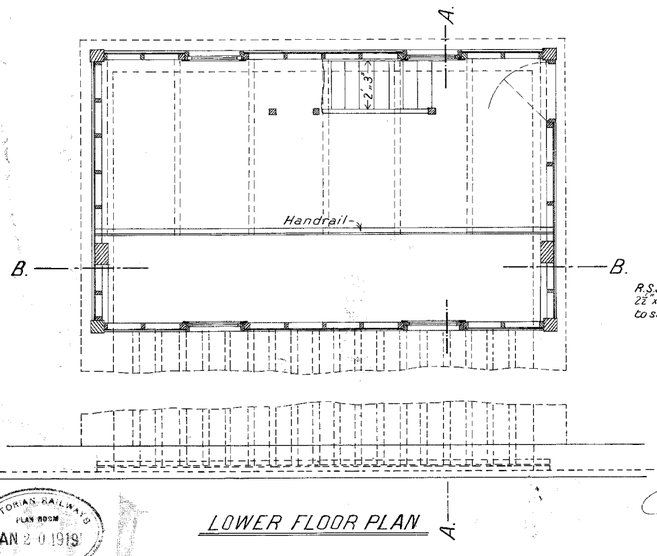
SECTION B. B.



END ELEVATION



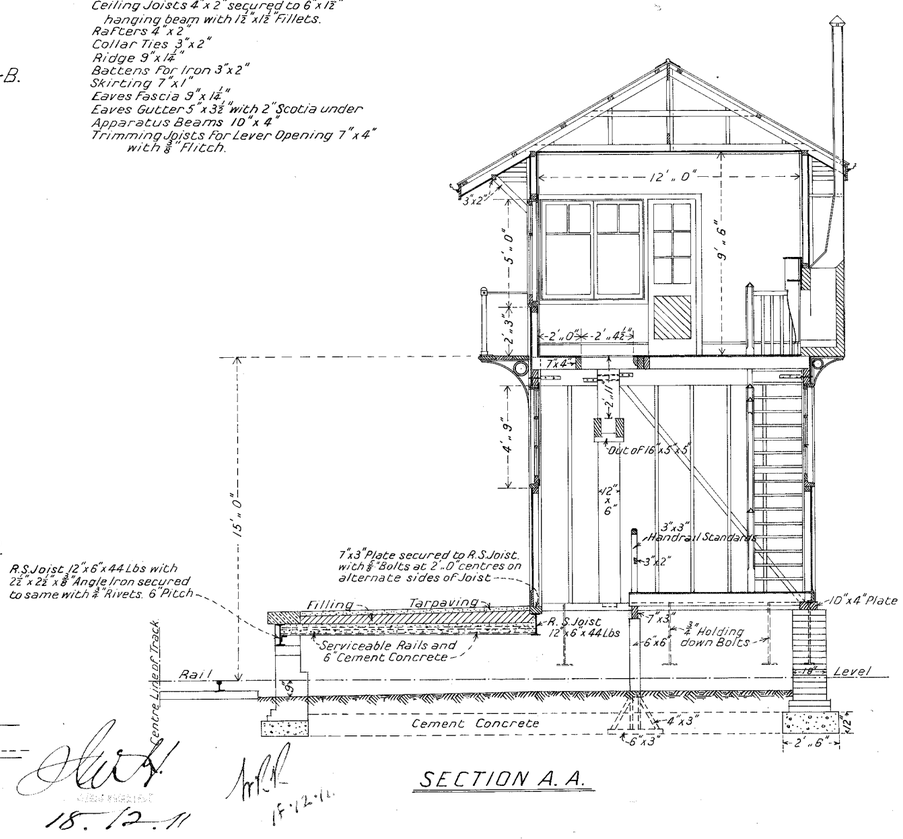
UPPER FLOOR PLAN



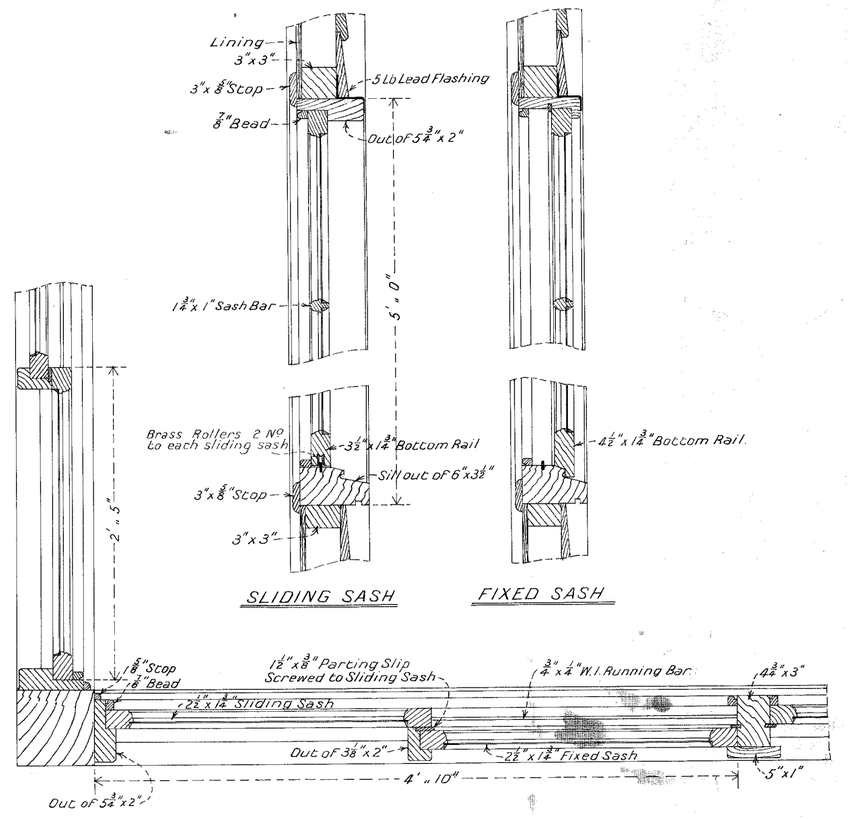
LOWER FLOOR PLAN

SCANTLINGS

Angle Posts 7"x7"
Lower Floor Joists 6"x2".
Studs 3"x2"
Top Plates 3"x3"
Braces 3"x1½"
Upper Floor Joists 7"x2" with one row of 1½" Herring Bone Strutting.
Horizontal Ties 9"x3" secured to Posts with ⅞" Strap Bolts.
Stair Newels 4"x4"
Strings 9"x2"
Handrail 4"x3"
Treads 9"x1½"
Balusters 2"x2"
Ceiling Joists 4"x2" secured to 6"x1½" hanging beam with 1½"x1½" Fillets.
Rafters 4"x2"
Collar Ties 3"x2"
Ridge 9"x1¼"
Battens For Iron 3"x2"
Skirting 7"x1"
Eaves Fascia 9"x1¼"
Eaves Gutter 5"x3½" with 2" Scotia under
Apparatus Beams 10"x4"
Trimming Joists for Lever Opening 7"x4" with ⅞" Fitch.



SECTION A. A.



SLIDING SASH

FIXED SASH

DETAIL OF SASHES
12½" = 1'-0"

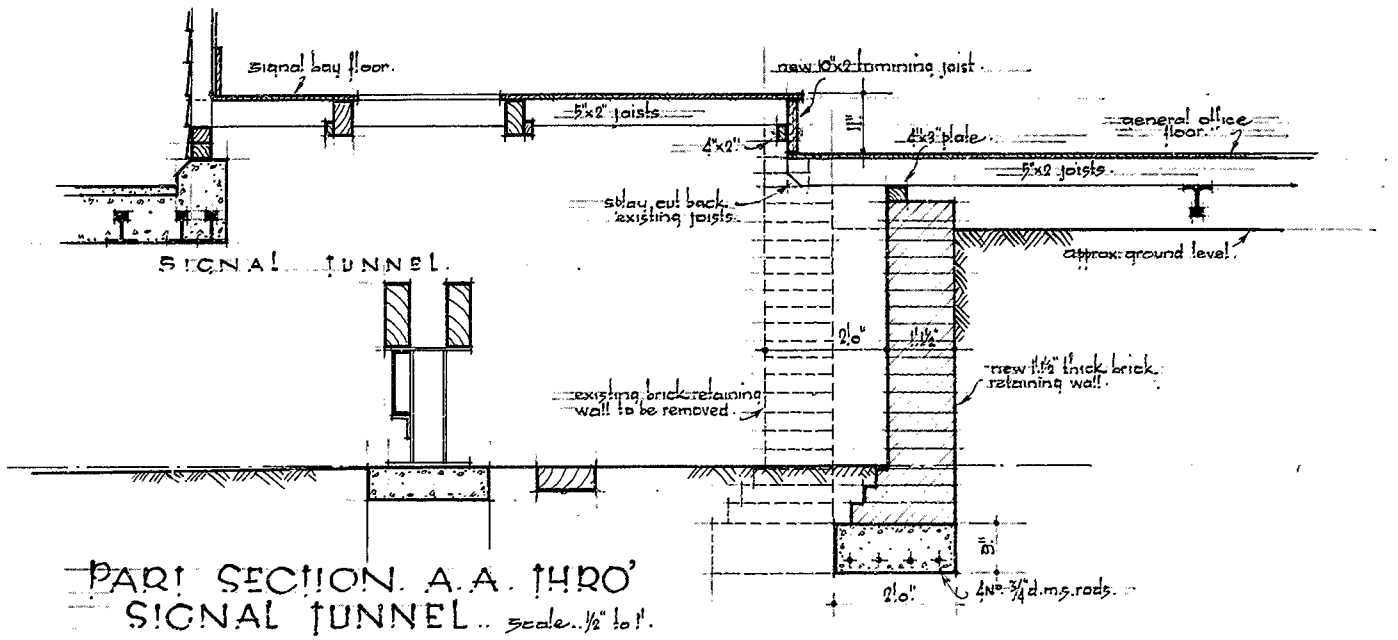
2822-11

VICTORIAN RAILWAYS PLAN ROOM JAN 20 1919

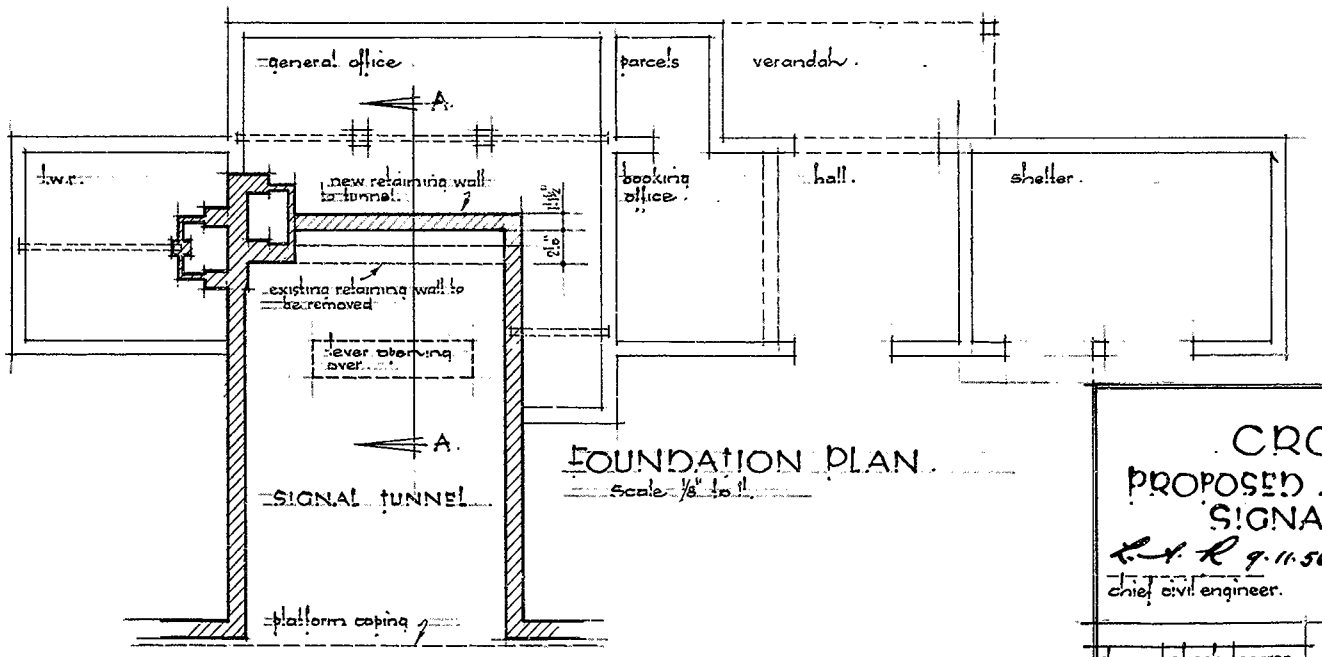
18.12.11

18.12.11.

3466



PART SECTION A.A. THRO' SIGNAL TUNNEL.. scale.. ½" to 1'.



FOUNDATION PLAN.
Scale ⅛" to 1'.

Signal & telegraph Engr.

V.R.

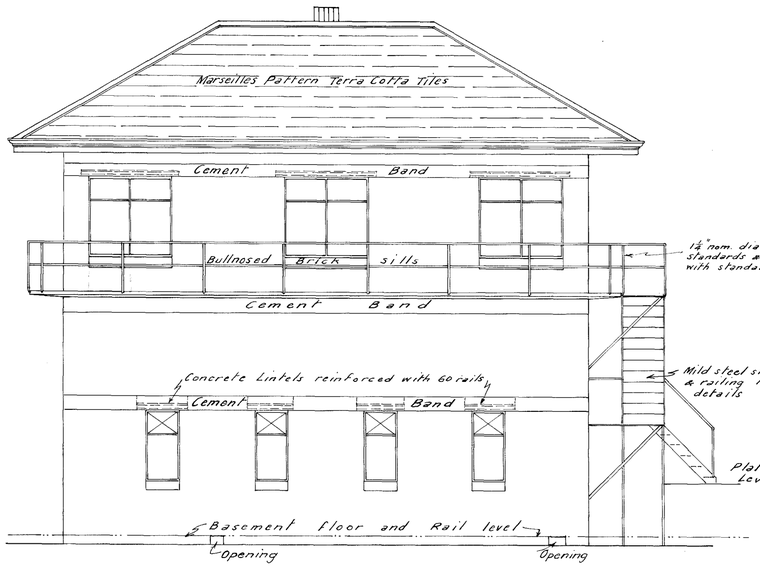
CROYDON..
PROPOSED ALTERATIONS TO SIGNAL TUNNEL

9.11.56. scales.. ⅛ & ½" to 1'

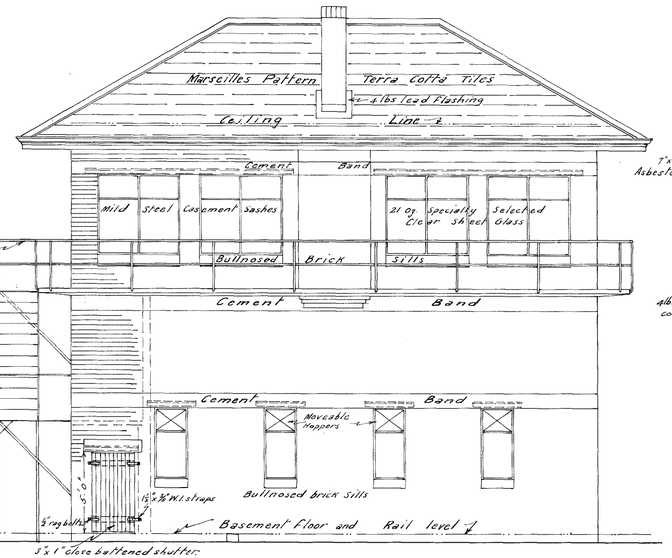
chief civil engineer.

drawn	check	corres.		S.B. 3466.	Plan No.
		16867/54	senior architect.	D.33.	555/56.

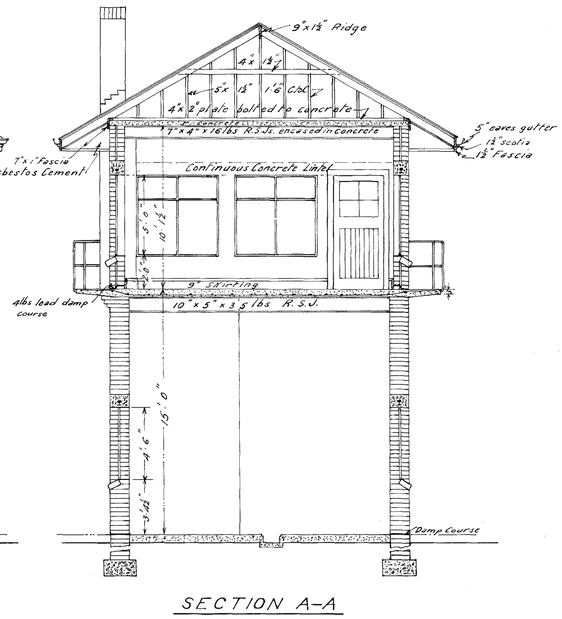
B.1.4.
21235
17 9 27



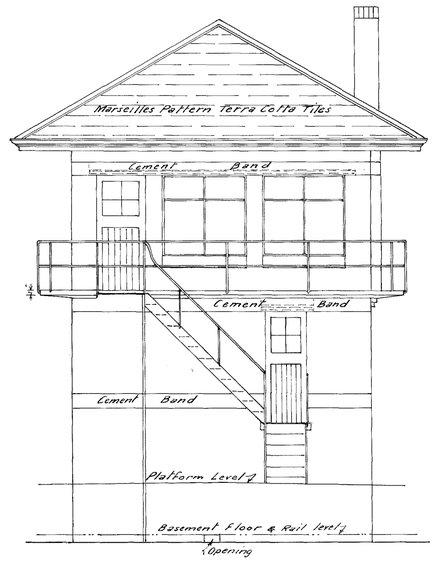
NORTH ELEVATION



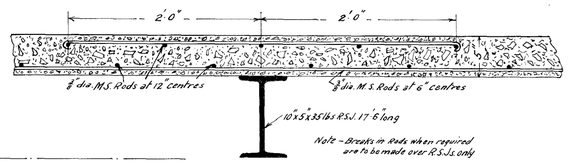
SOUTH ELEVATION



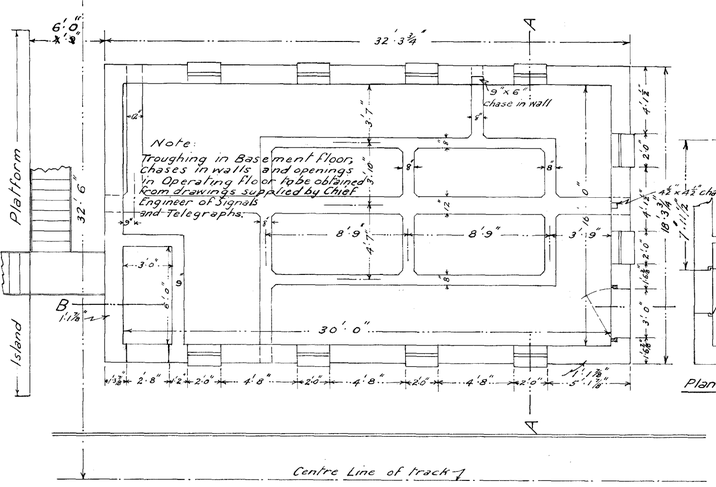
SECTION A-A



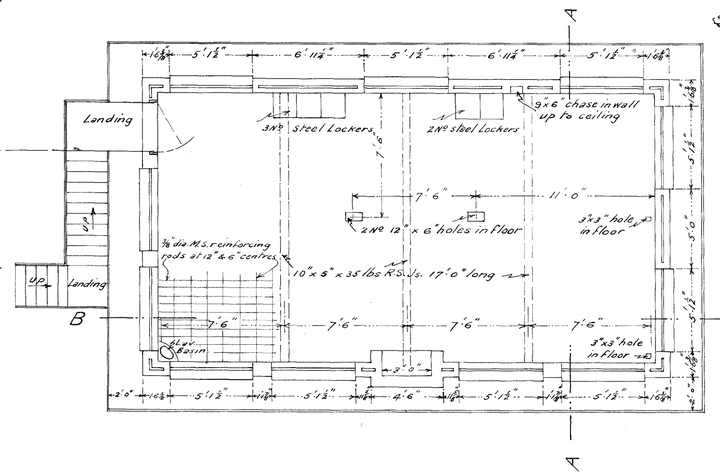
WEST ELEVATION



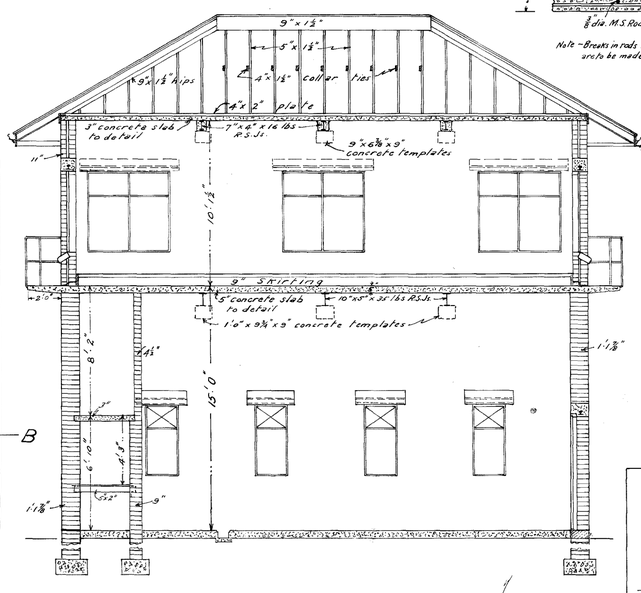
DETAIL OF OPERATING FLOOR SLAB
Scale 1½"=1'0"



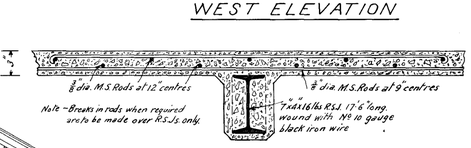
BASEMENT PLAN



OPERATING FLOOR PLAN



SECTION B-B



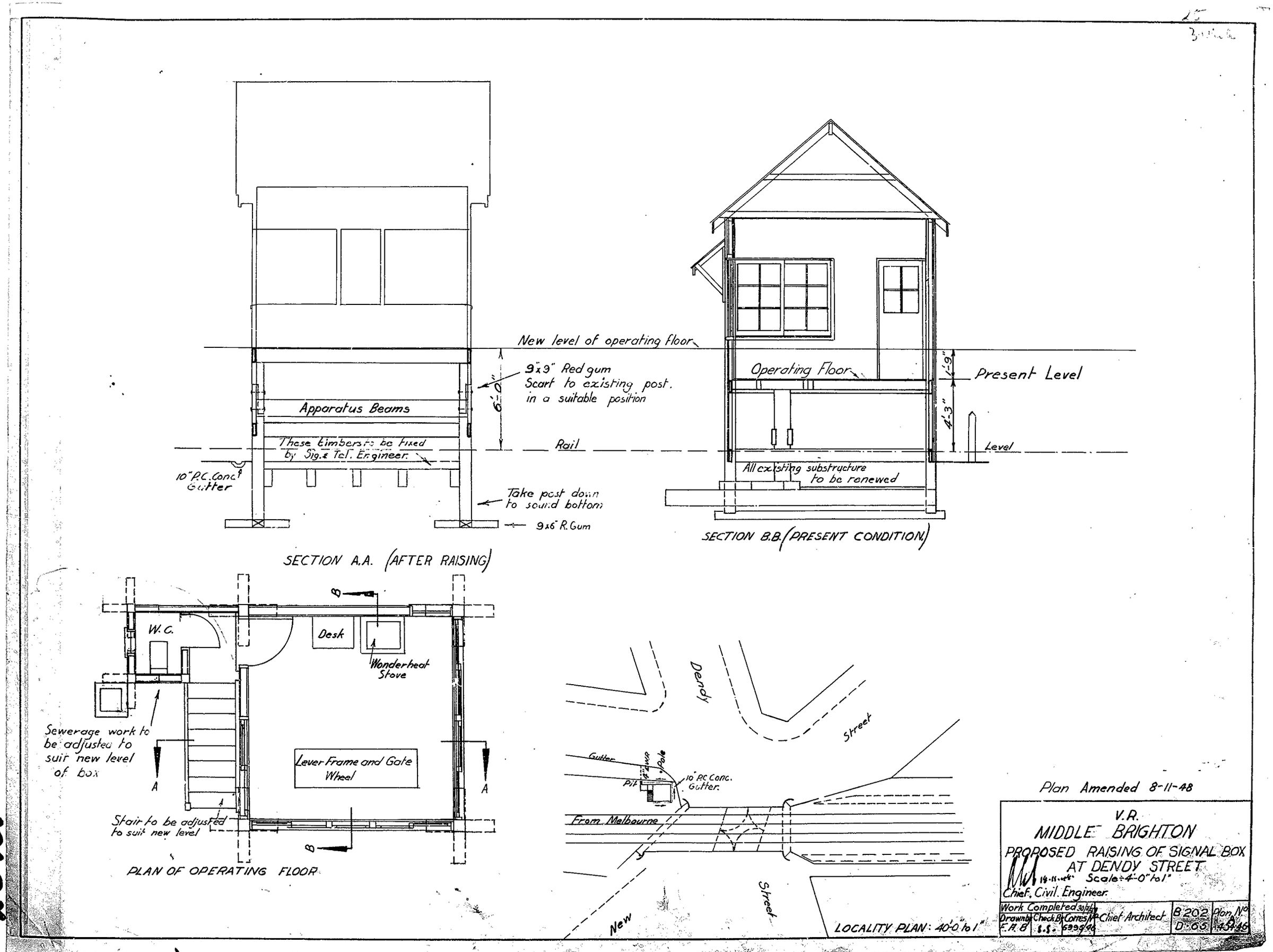
DETAIL OF CEILING SLAB
Scale 1½"=1'0"

Approved
Chief Engineer of Signals & Telegraph

V.R.
DANDENONG
NEW SIGNAL BOX
SCALE ¼"=1 FOOT

F.W. Ballard (pp)
Chief Engineer of Way and Works
21-10-27
Amended 18-6-28

Drawn by	Checked by	Corres No	Chief Architect	B. 27. A. 64.	PLAN No
H.G.B.		5406/27			1008/27

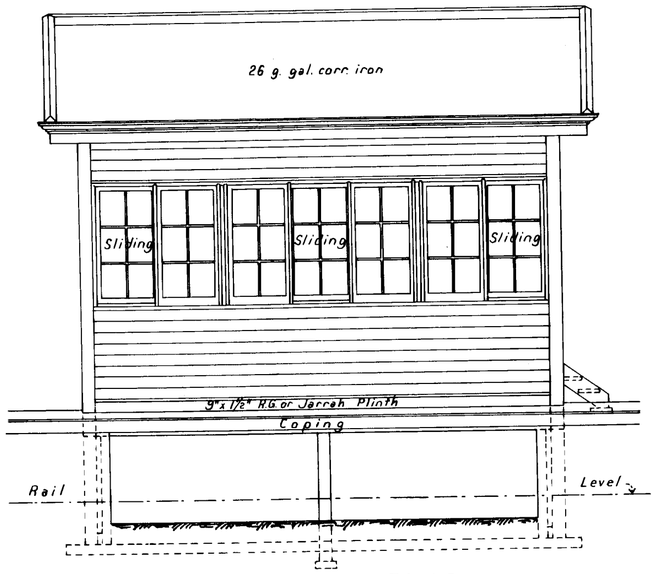

New level of operating floor
9"x9" Red gum
Scarf to existing post.
in a suitable position
6'-0"
Apparatus Beams
These timbers to be fixed
by Sig.& Tel. Engineer.
Rail
10" P.C. Conc.
Gutter
Take post down
to sound bottom
9x6" R. Gum
SECTION A.A. (AFTER RAISING)
Operating Floor
1'-9"
Present Level
4'-3"
Level
All existing substructure
to be renewed
SECTION B.B. (PRESENT CONDITION)
W.C.
Desk
Wonderheat
Stove
Sewerage work to
be adjusted to
suit new level
of box
Lever Frame and Gate
Wheel
Stair to be adjusted
to suit new level
A
A
B
B
PLAN OF OPERATING FLOOR
Dendy
Street
Gutter
Pit
10" P.C. Conc.
Gutter.
From Melbourne
Street
New
LOCALITY PLAN: 40'-0" to 1"
Plan Amended 8-11-48
V.R.
MIDDLE BRIGHTON
PROPOSED RAISING OF SIGNAL BOX
AT DENDY STREET
Scale: 4'-0" to 1"
Chief, Civil Engineer.
Work Completed
Drawn by F.A.B.
Check By S.S.
Corres No. 6995/46
Chief Architect
B 202
D 65
Plan No. A 454/46

202.

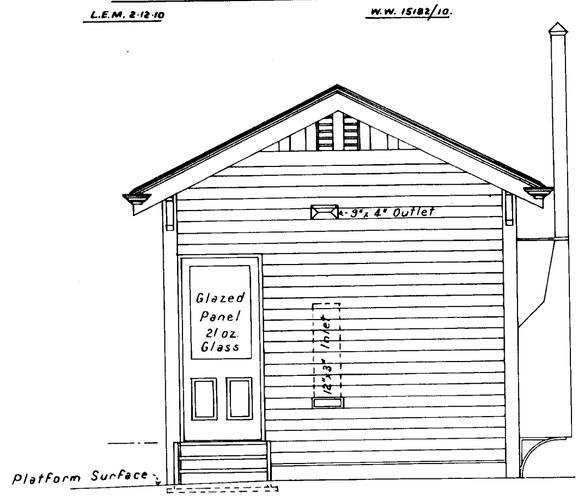
DRAWING No 1

— V. R. —
— DOOEN —
— New Signal Box etc. —
— Scale 4 Ft. = 1 Inch. —

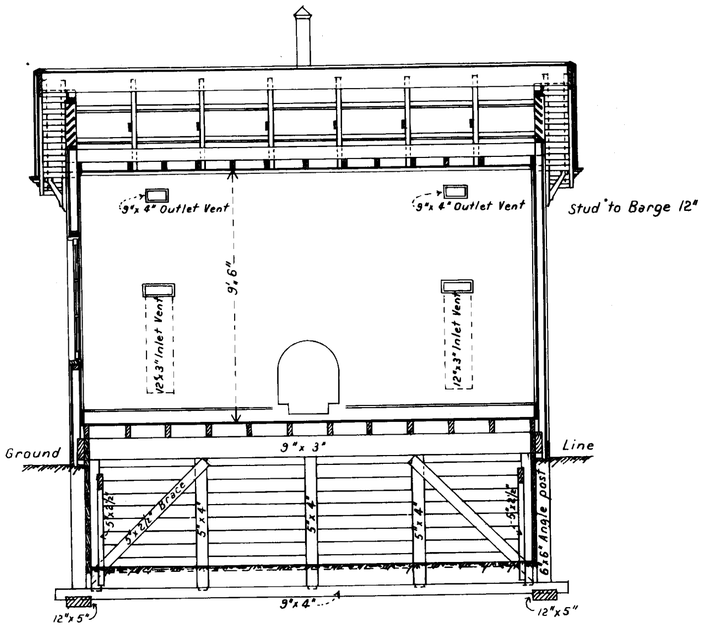
L.E.M. 2-12-10 W.W. 15182/10.



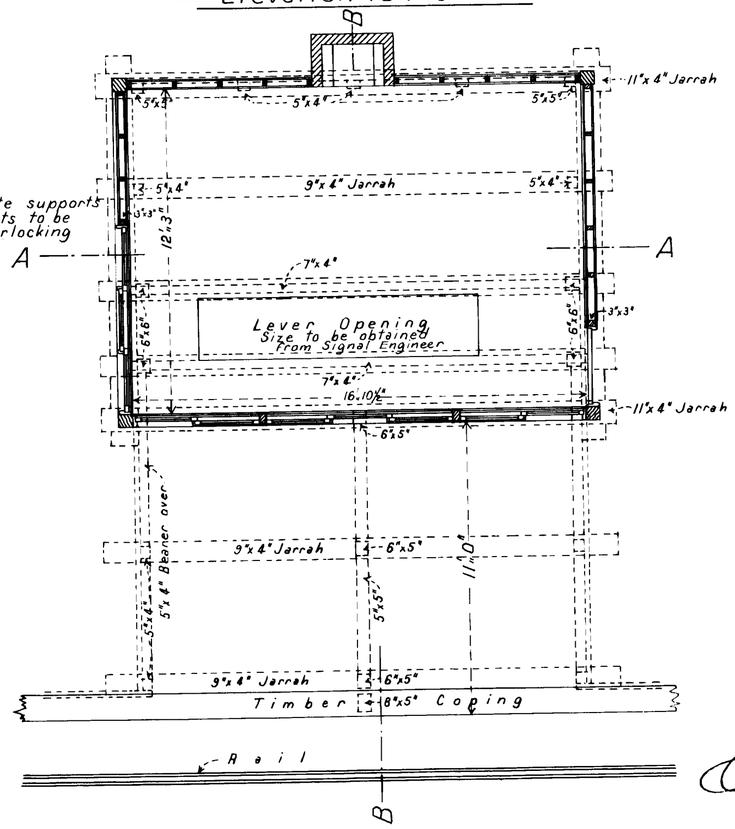
— Elevation to Platform —



— End Elevation —

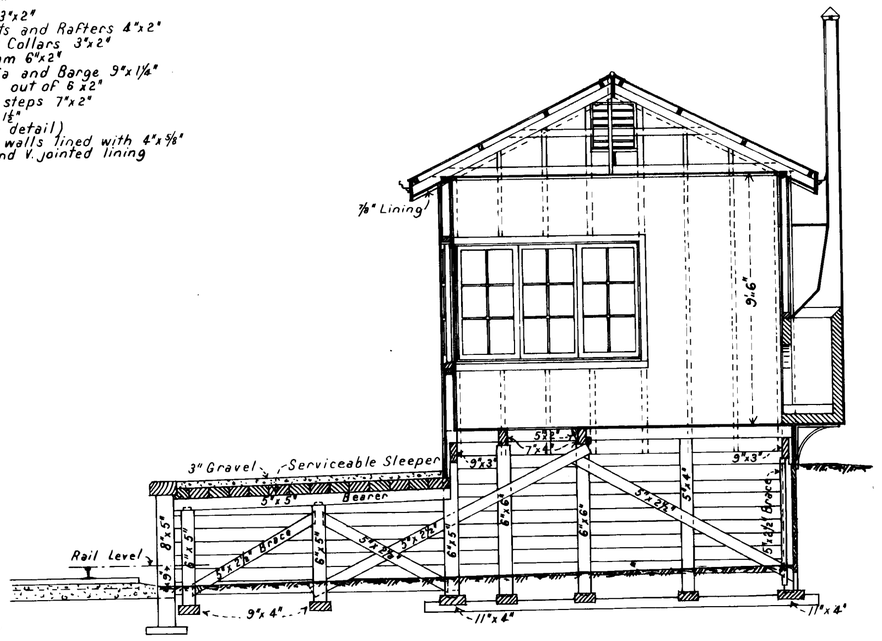


— Section A-A —



— Plan —

Sheeting for lever pit 6"x 2" Jarrah
Angle posts 6"x 6" Jarrah
Floor joists 6"x 2"
Flooring 6"x 1⅛"
Studs 3"x 2"
Top plates 3"x 2"
Ceiling joists and Rafters 4"x 2"
Purlins and Collars 3"x 2"
Hanging beam 6"x 2"
Ridge, Fascia and Barge 9"x 1⅛"
Cover Barge out of 6"x 2"
Strings for steps 7"x 2"
Treads 9"x 1½"
Sashes (see detail)
Ceiling and walls lined with 4"x ⅝" T. and G. and V. jointed lining



— Section B-B —

10.12.10

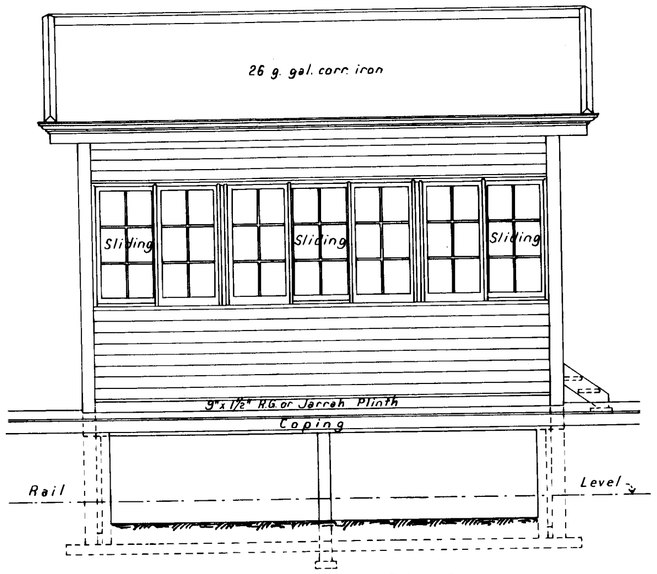
RAILWAY OCT 89

3521-19

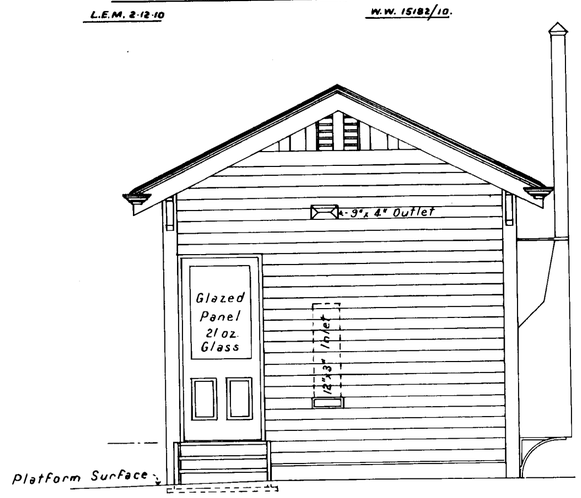
DRAWING No 1

— V. R. —
— DOOEN —
— New Signal Box etc. —
— Scale 4 Ft. = 1 Inch. —

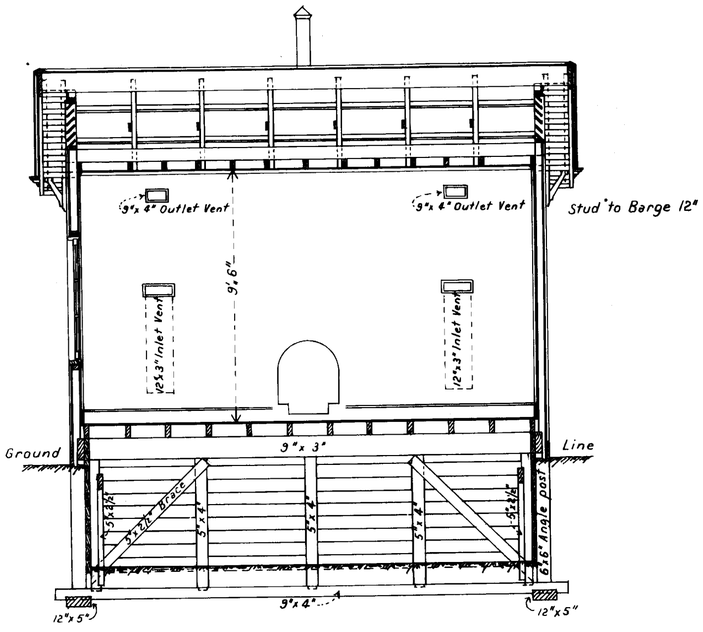
L.E.M. 2-12-10 W.W. 15182/10.



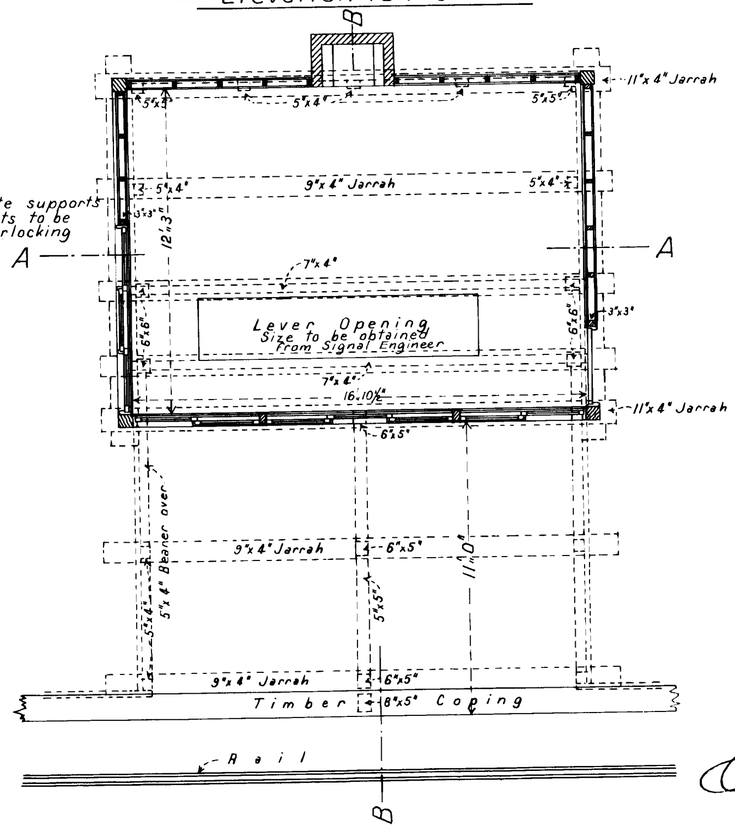
— Elevation to Platform —



— End Elevation —

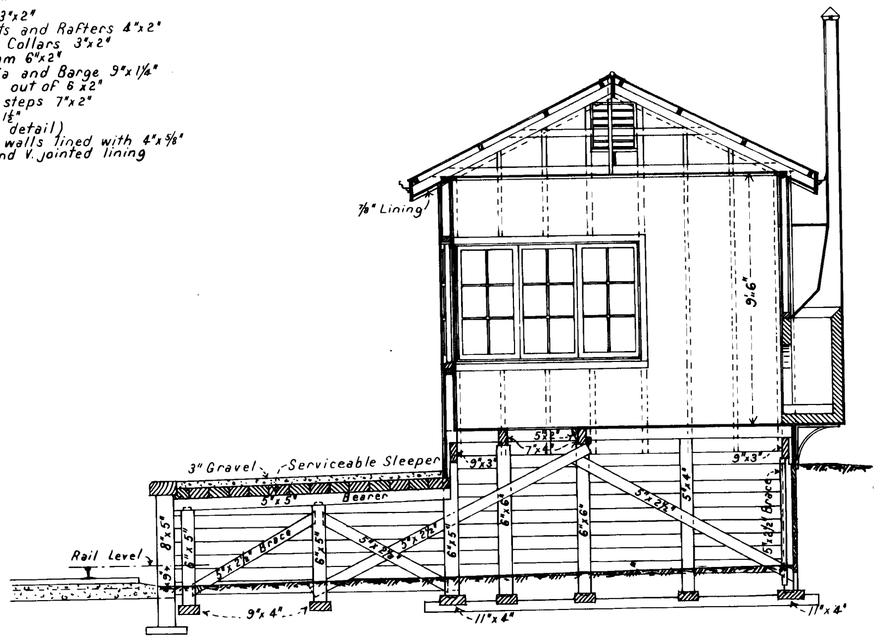


— Section A-A —



— Plan —

Sheeting for lever pit 6"x 2" Jarrah
Angle posts 6"x 6" Jarrah
Floor joists 6"x 2"
Flooring 6"x 1⅛"
Studs 3"x 2"
Top plates 3"x 2"
Ceiling joists and Rafters 4"x 2"
Purlins and Collars 3"x 2"
Hanging beam 6"x 2"
Ridge, Fascia and Barge 9"x 1⅛"
Cover Barge out of 6"x 2"
Strings for steps 7"x 2"
Treads 9"x 1½"
Sashes (see detail)
Ceiling and walls lined with 4"x ⅝" T. and G. and V. jointed lining



— Section B-B —

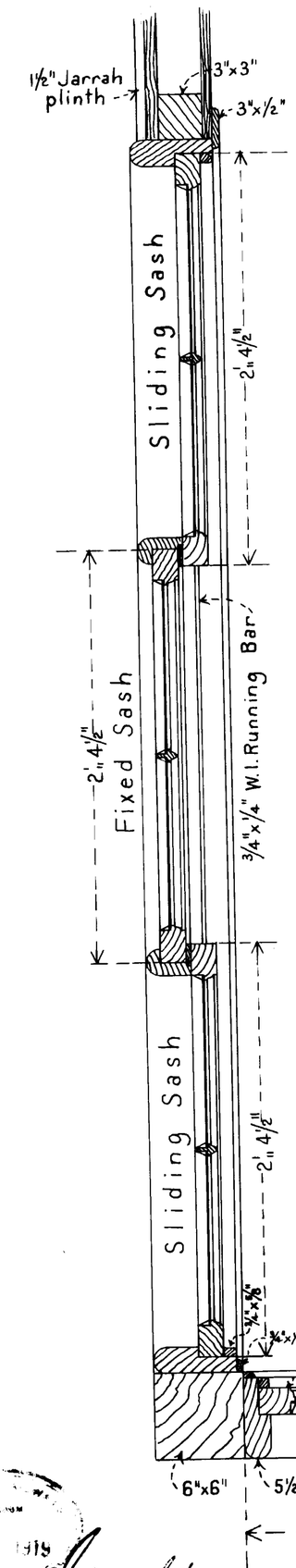
10.12.10

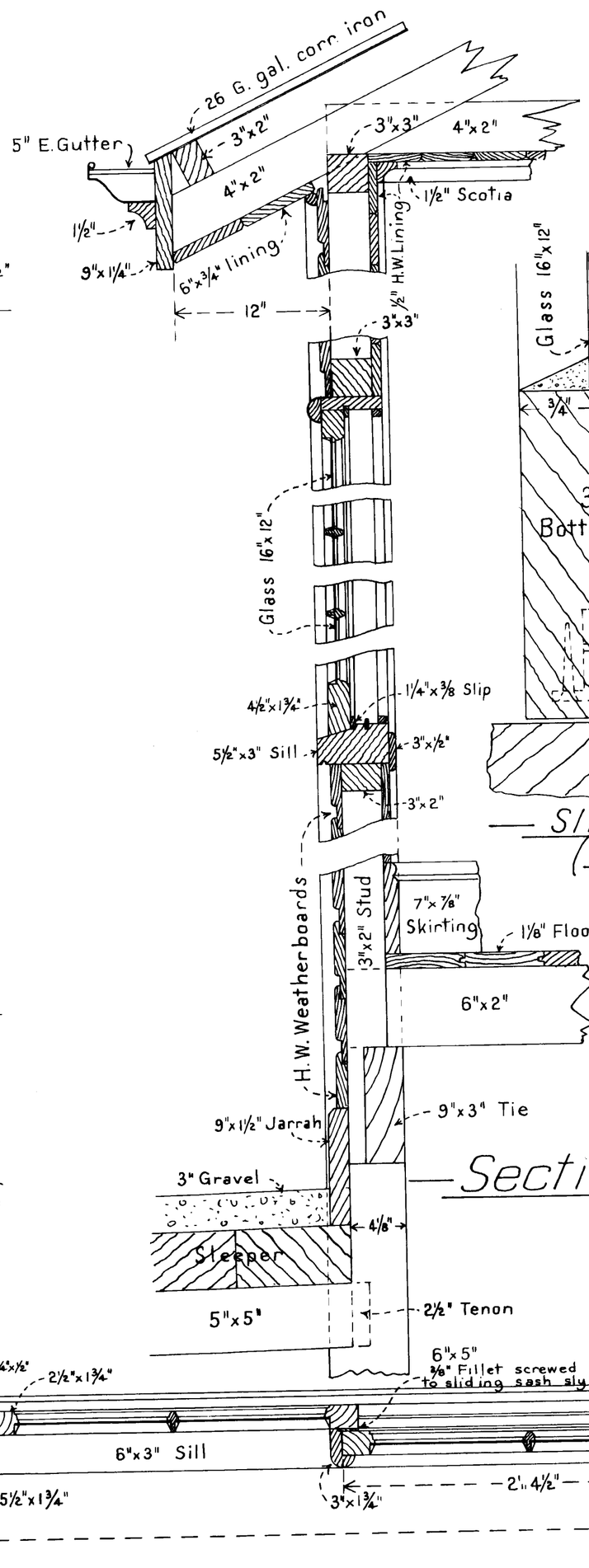
RAILWAY OCT 89

3521-19

— DRAWING Nº 2 —

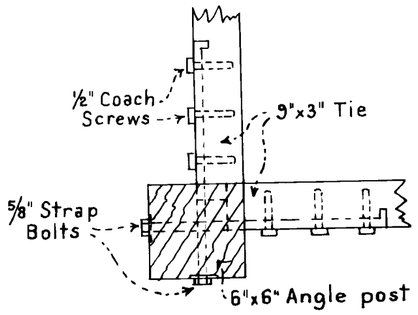
— V. R. —
— DOOEN —
— New Signal Box etc. —
— Scale - 1/8 Full Size —



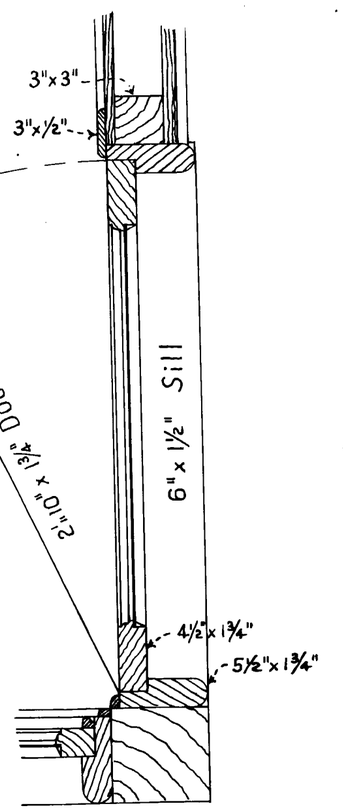


— Sliding Sash —
(Full Size)

— Section —



— Junction of 9"x3" —
— Ties with Angle Post. —



— Plan —

VICTORIAN RAILWAYS
OCT 1919

10.12.10

3022.10

VICTORIA. PLAN ROOM JUN 10 1918 PARLIAMENT

VICTORIAN RAILWAYS.

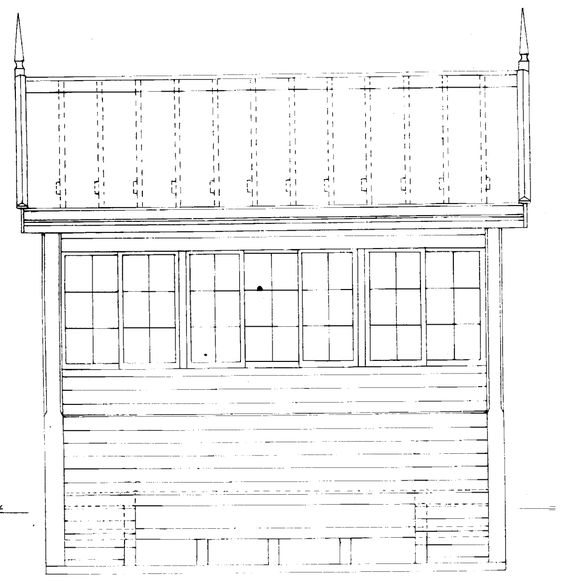
PLAN OF

SIGNAL BOX AT Yeoman Siding

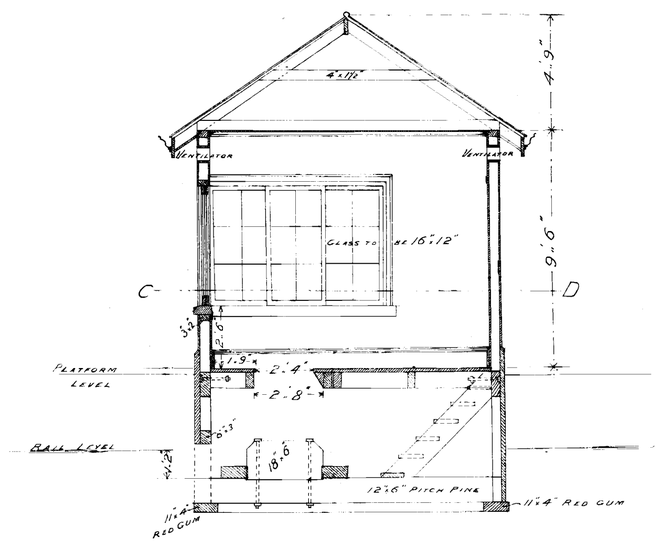
SCALE FOUR FEET TO ONE INCH

CONTRACT Nº

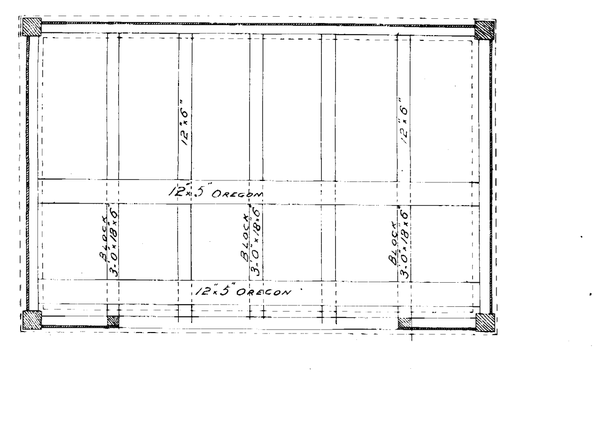
Nº



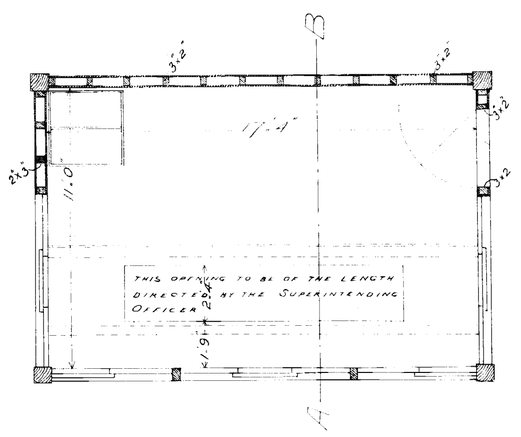
FRONT ELEVATION



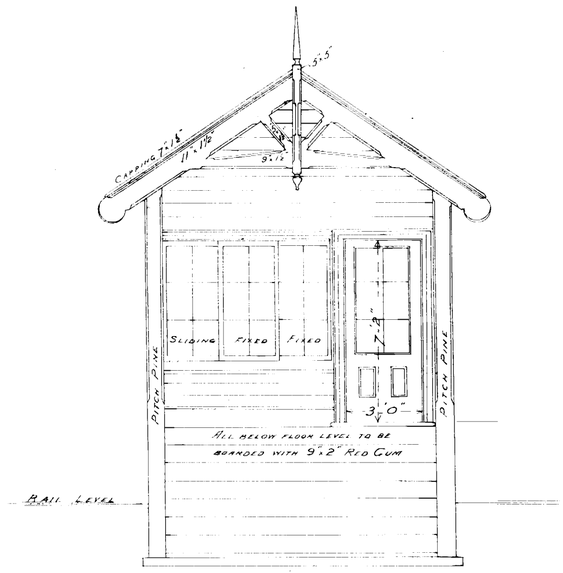
SECTION ON LINE A.B



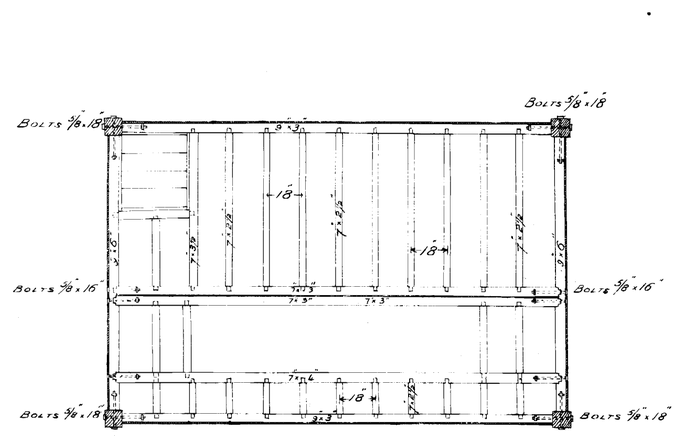
FOUNDATION PLAN



GROUND PLAN AT C.D



SECTION ON LINE A.B


BOLTS ⅝"x18"
BOLTS ⅝"x18"
BOLTS ⅝"x16"
BOLTS ⅝"x16"
BOLTS ⅝"x18"
BOLTS ⅝"x18"
18"
18"
18"
7"x3½"
7"x3½"
7"x3½"
7"x3"
7"x3"
7"x3

VICTORIA. PLAN ROOM JUN 10 1918 PARLIAMENT

VICTORIAN RAILWAYS.

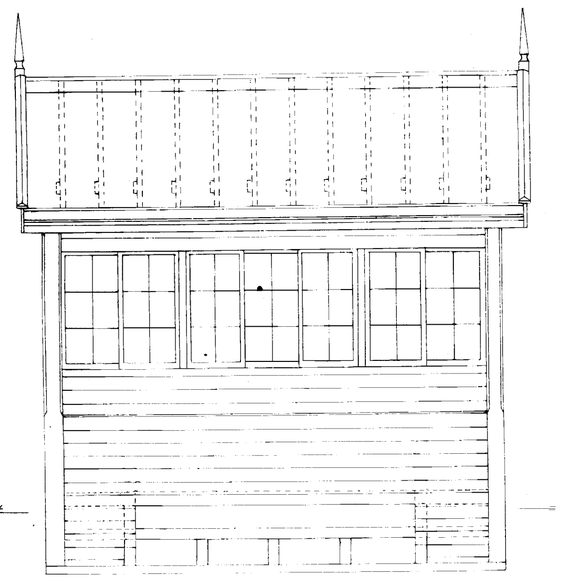
PLAN OF

SIGNAL BOX AT Yeoman Siding

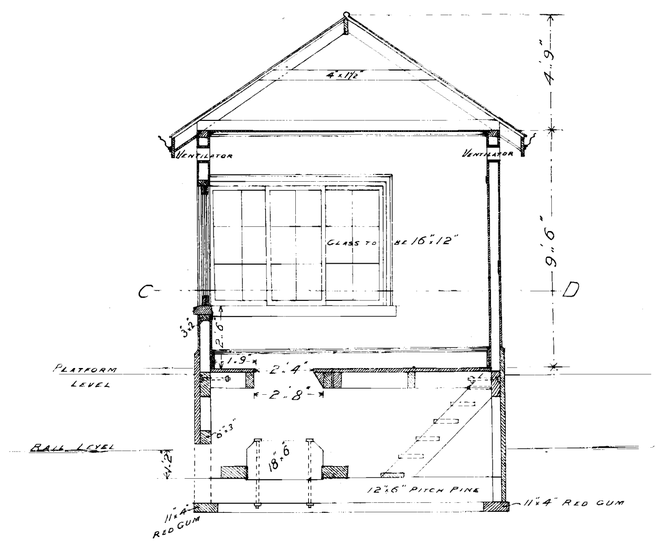
SCALE FOUR FEET TO ONE INCH

CONTRACT Nº

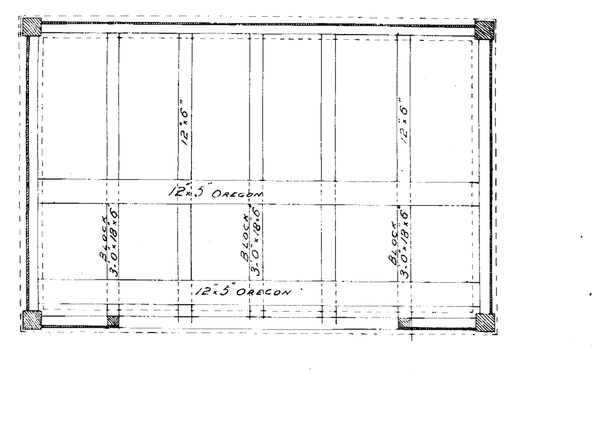
Nº



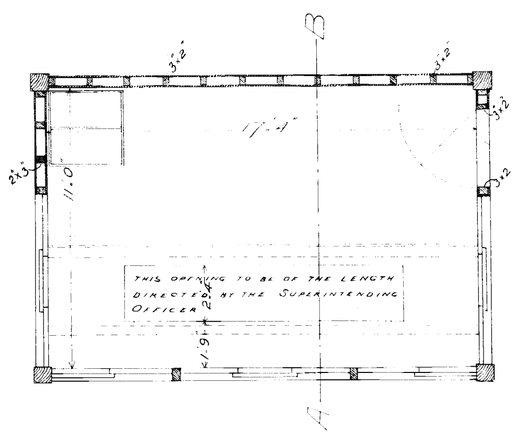
FRONT ELEVATION



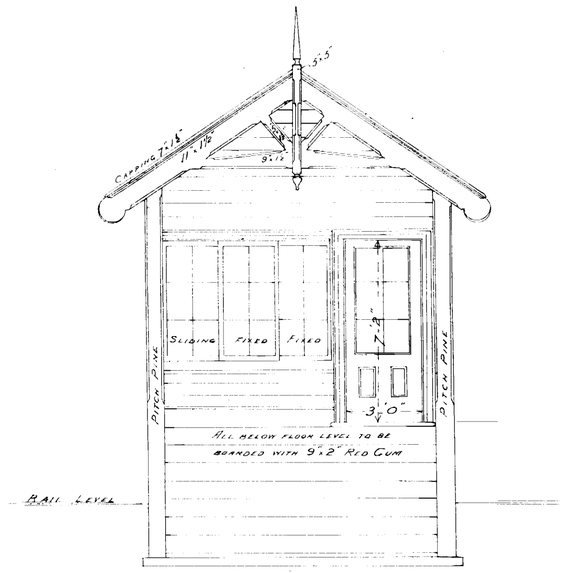
SECTION ON LINE A.B



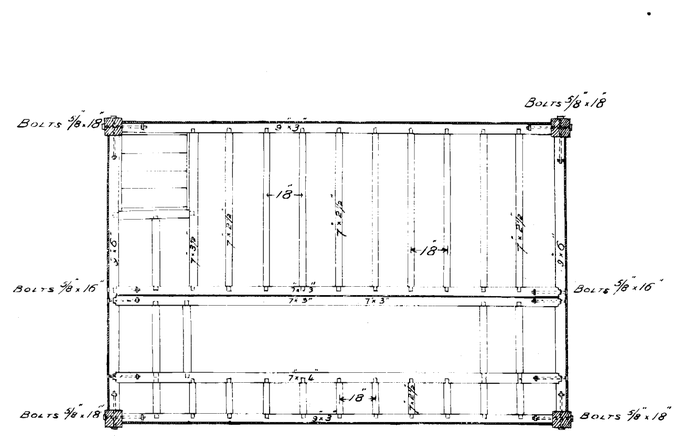
FOUNDATION PLAN



GROUND PLAN AT C.D

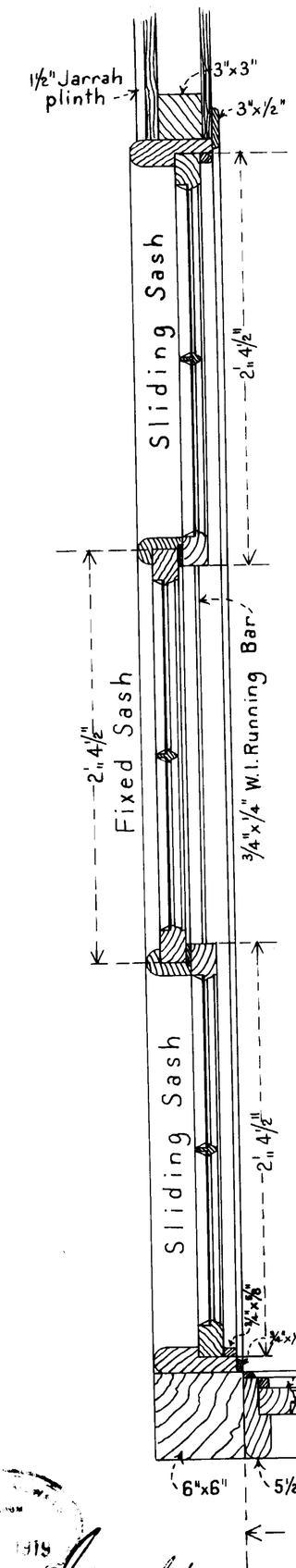


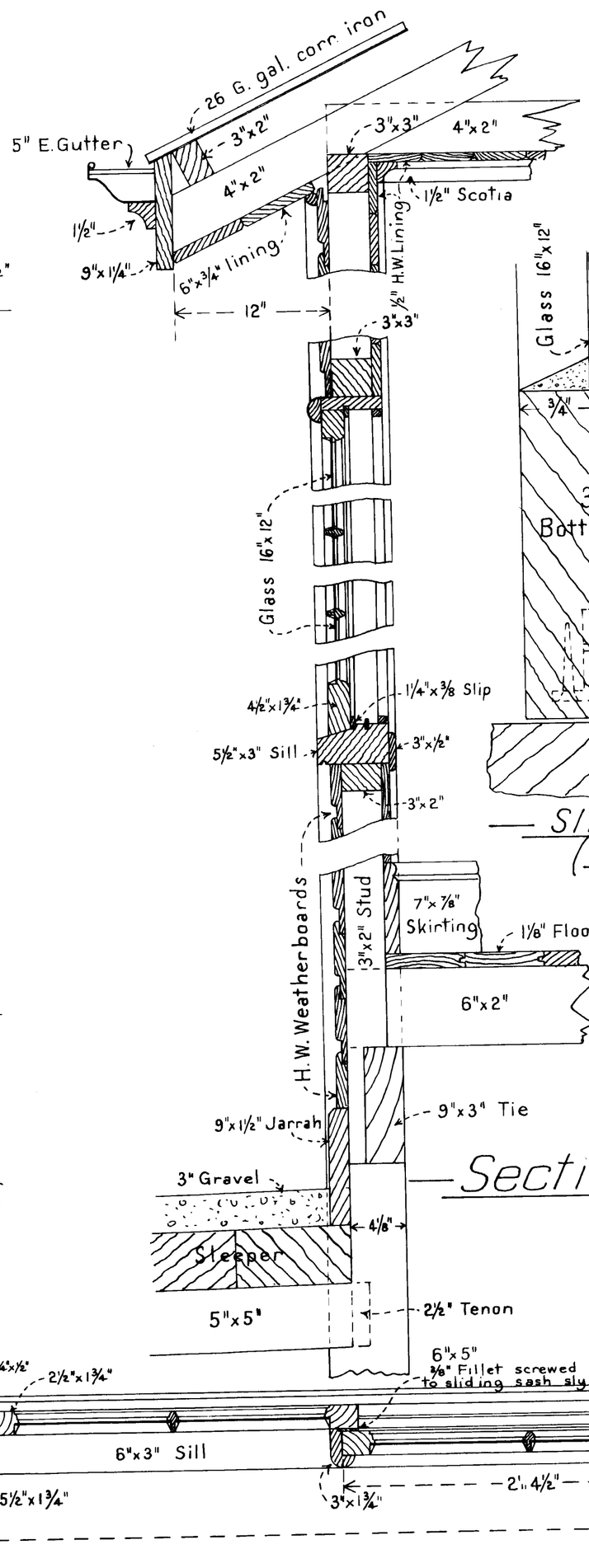
SECTION ON LINE A.B


BOLTS ⅝"x18"
BOLTS ⅝"x18"
BOLTS ⅝"x16"
BOLTS ⅝"x16"
BOLTS ⅝"x18"
BOLTS ⅝"x18"
18"
18"
18"
7"x3½"
7"x3½"
7"x3½"
7"x3"
7"x3"
7"x3

— DRAWING Nº 2 —

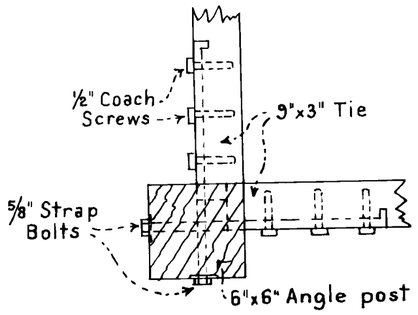
— V. R. —
— DOOEN —
— New Signal Box etc. —
— Scale - 1/8 Full Size —



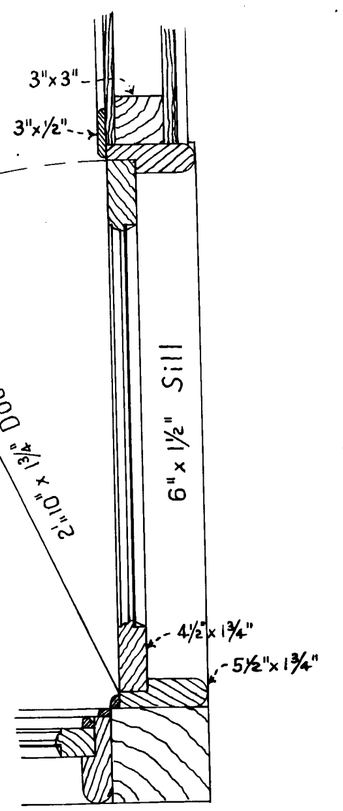


— Sliding Sash —
(Full Size)

— Section —



— Junction of 9"x3" —
— Ties with Angle Post. —



— Plan —

VICTORIAN RAILWAYS
OCT 1919

10.12.10

3022.10

VICTORIAN RAILWAYS
SPENCER STREET GOODS YARD
Signal Box at Dudley Street

SCALE 1 FOOT TO AN INCH

CONTRACT Nº 9347
Nº 3

PART CROSS SECTION

PLAN & ELEVATION OF BASE OF ROD

Section of Lower Windows

Plan of Lower Windows

Scarf in Posts (if required)

Section through Sliding Sash

PLAN OF CLOSET & URINAL ON FIRST FLOOR LANDING

SECTION OF STAIRS SHOWING CLOSET

Windows in Fire-place End

Windows in Entrance End

DETAIL OF WINDOWS

All Glass 16"x12"

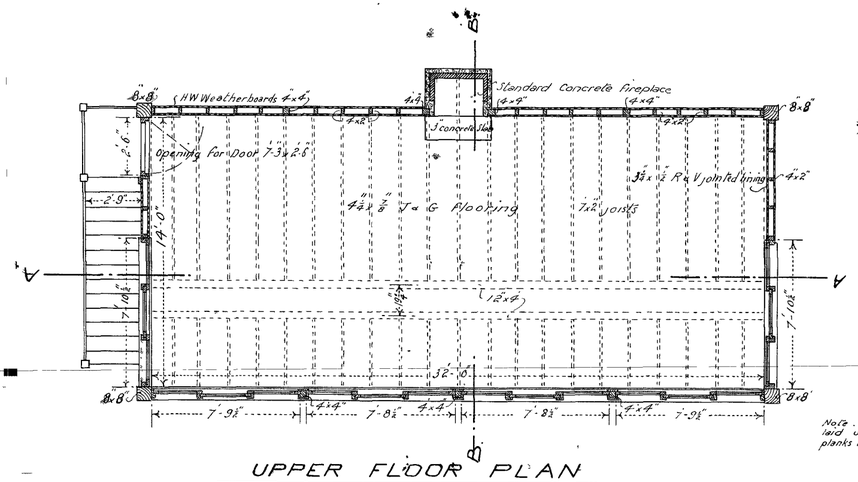
Windows in Sides

DETAIL OF TRUSSES IN SIDE WALLS

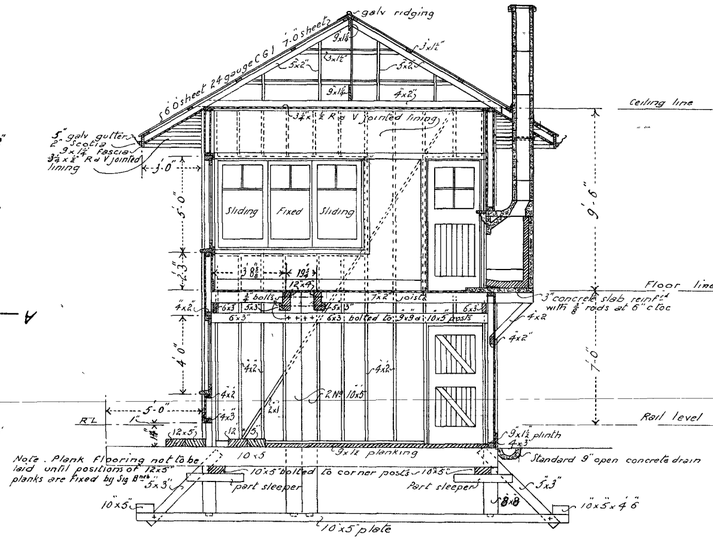
DETAIL OF APPARATUS STANDARD

DETAIL OF APPARATUS STANDARD

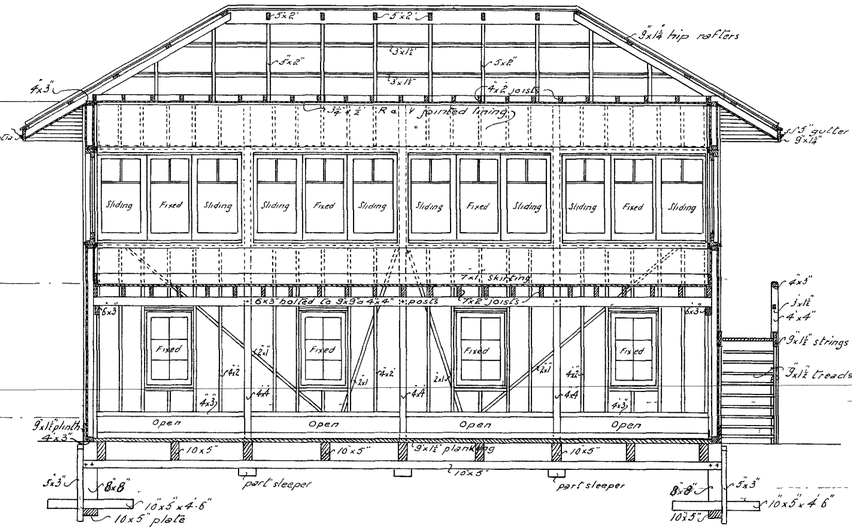
RAILWAY DEPARTMENT MELBOURNE SEP 1900



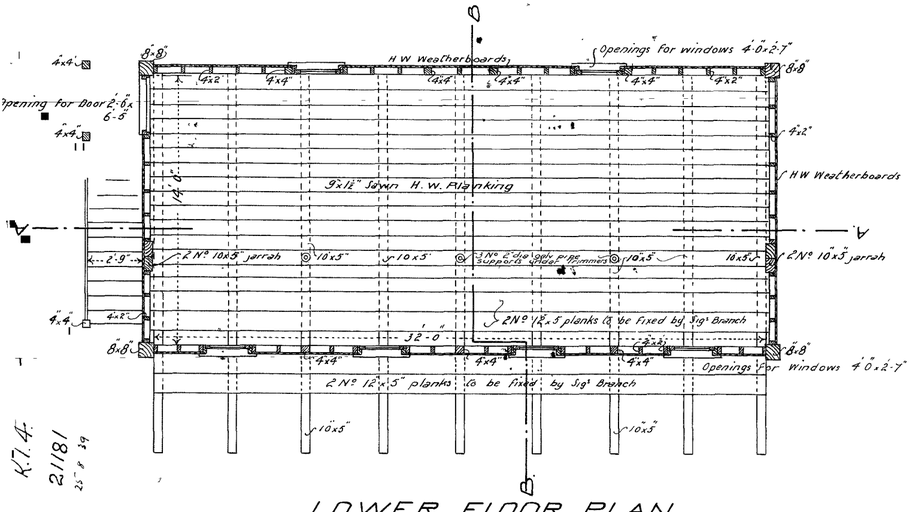
UPPER FLOOR PLAN



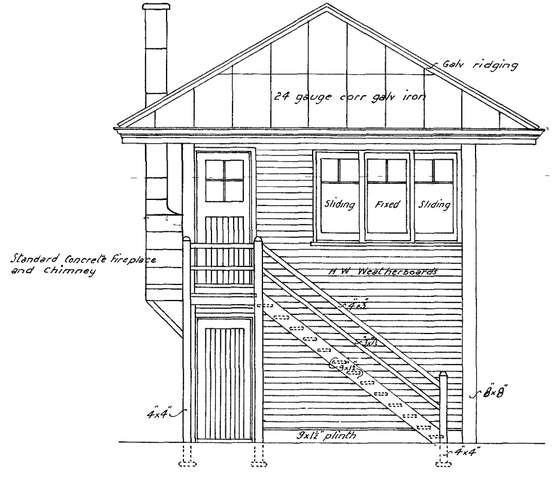
SECTION B-B



SECTION A-A

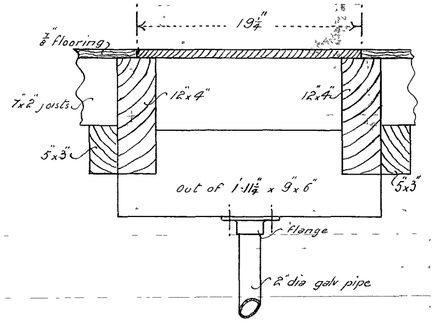


LOWER FLOOR PLAN



END ELEVATION

NOTES: All structure timbers to be in Hardwood those on or below ground level to be in Jarrah or Red Gum.
Floors, linings & Weatherboards in Hardwood.
12"x4" Trimmers to Lever opening in Oregon.
Staircase in Jarrah.



DETAIL OF SUPPORTS TO TRIMMER BEAMS, POSITIONS TO BE FIXED BY SIG. BRANCH
1½" Scale.

Chief Engineer of Sigs & Tele.

V-R
EAGLEHAWK
NEW SIGNAL BOX
Scale ¼" = 1'-0"

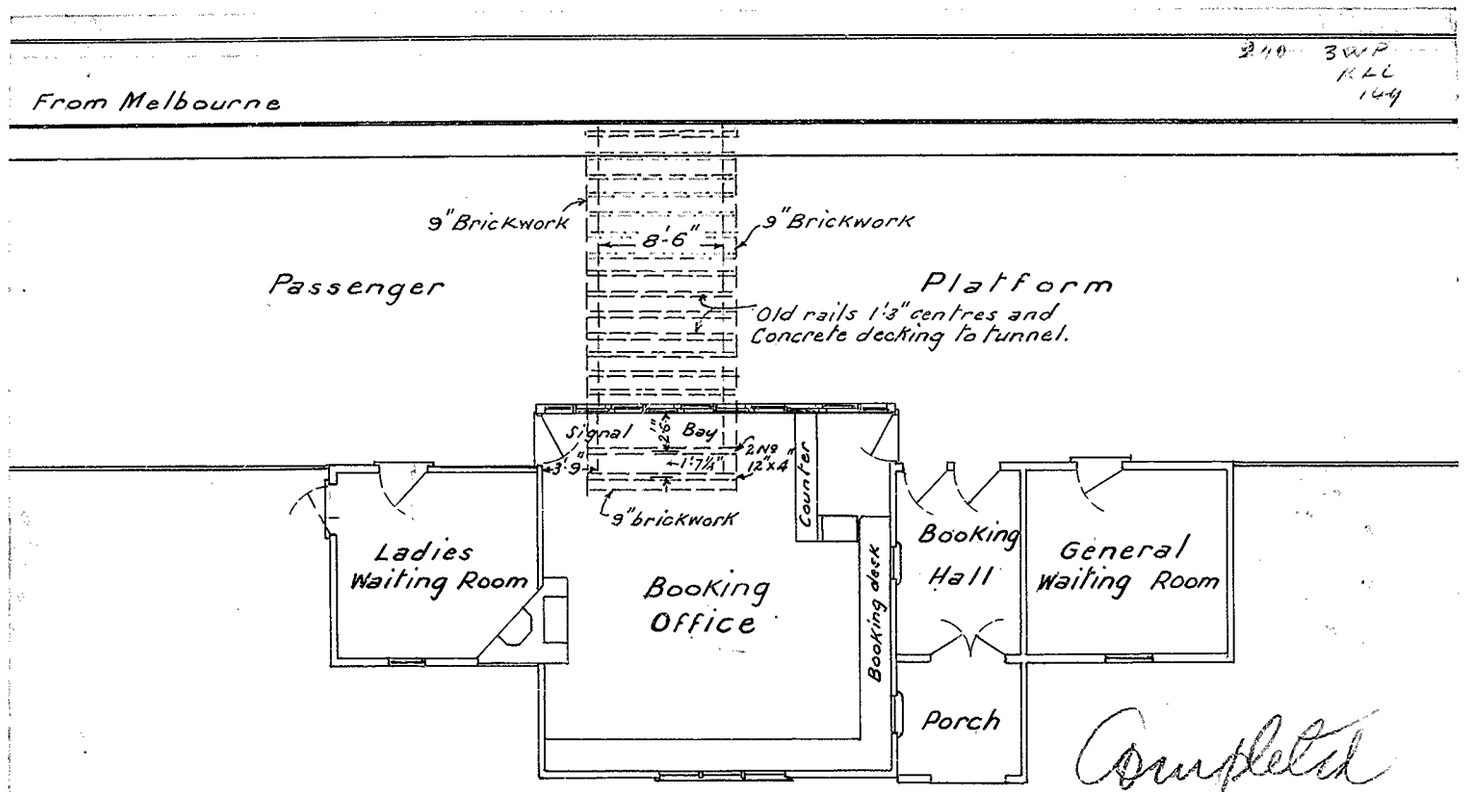
Chief Engineer of Way & Works
11. 4. 29

Drawn by	Checked by	Tracing No			
P.H.R.		8064/25 3646/26	Chief Architect	B-161 A-64	PLAN No 306. 29

K.T.4.
21/81
25 8 39

1830

1830



Completed

Plan

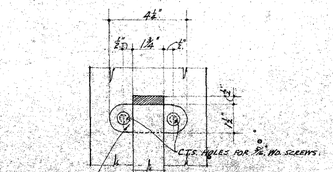
V.R.
ELAINE STATION
TUNNEL TO SIGNAL BAY
SCALE ⅛" = 1 FOOT

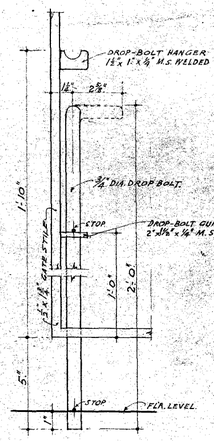
Chief Engineer of Way & Works
12-3-34

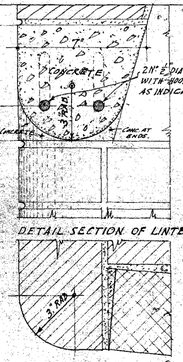
Drawn by	Checked by	Corrns. No		S.B. 1830	PLAN No
F.G.B.		422/34	Chief Architect	E. 33	123-34

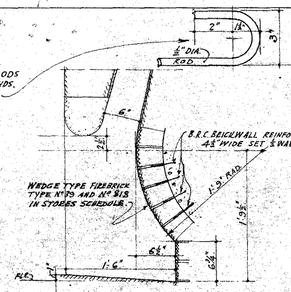
28221
B&91

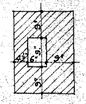
2239

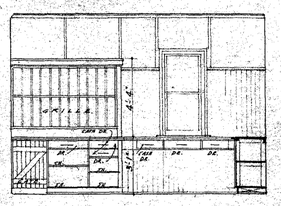


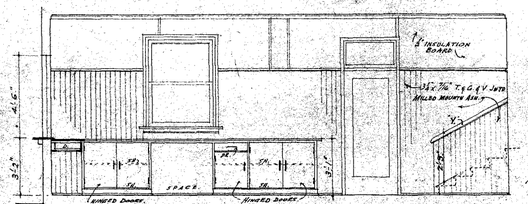




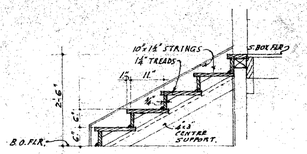


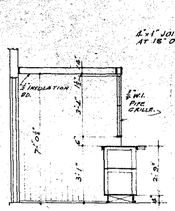


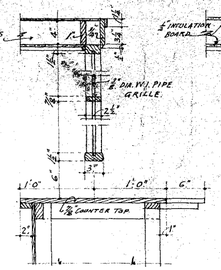


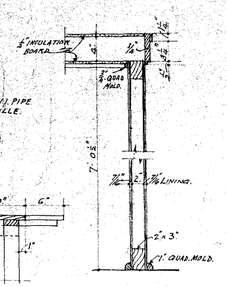


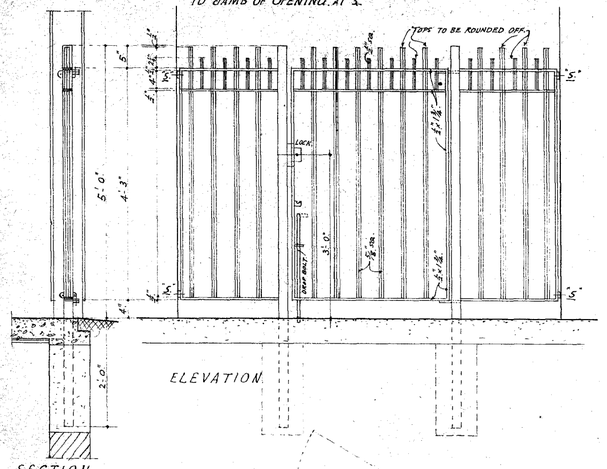


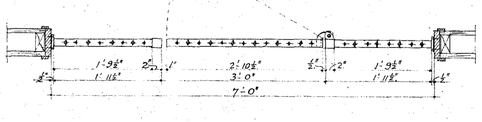


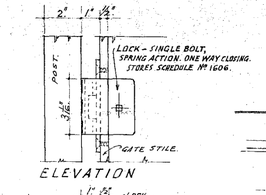


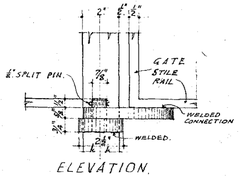


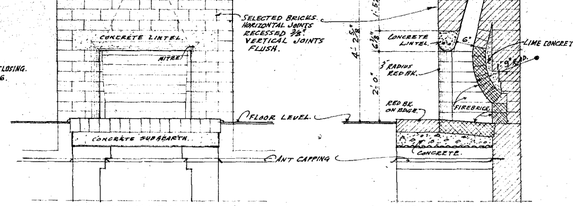


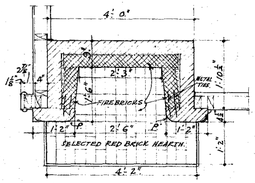




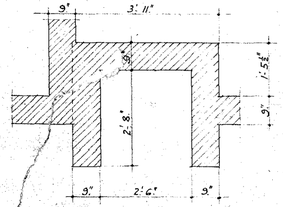


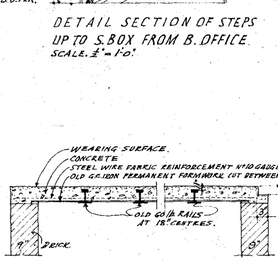


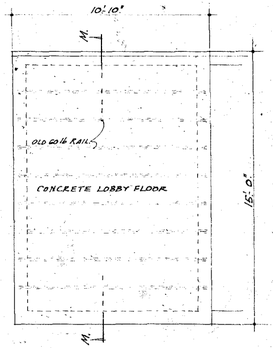




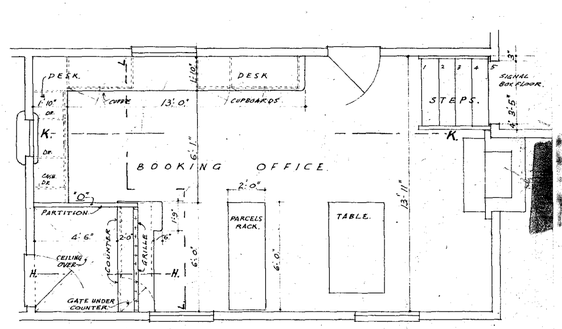
NOTE.
ALL FIREBRICKS SHALL BE LAID IN REFRACTITE MORTAR – 95 lbs REQUIRED.
THE CURVED BACK SHALL BE OF WEDGE TYPE FIREBRICKS, TYPE N°39, 9"x 4½" x 3" to 2½".
ITEM N° 518 IN STORES SCREDULE, 33 N° REQUIRED.
STRAIGHT FIREBRICKS SHALL BE TYPE N° 16, 9"x 4½" x 3". ITEM N° 738 IN STORES SCREDULE 60 N° REQUIRED.







NOTE:– CONCRETE FOR LOBBY FLOOR SHALL BE AS FOLLOWS:– 1 PART OF PORTLAND CEMENT, 2 PARTS OF CLEAN COARSE SAND, 4 PARTS OF ¾" CRUSHED BLUESTONE & 2 PART OF HYDRATED LIME. THE FLOOR SHALL BE LAID TO WITHIN ⅜" OF FINISHED FLOOR LEVEL AND WHILE STILL GREEN A ⅜" WEARING SURFACE SHALL BE LAID COMPOSED OF 2 PARTS OF FINE DUSTLESS BLUESTONE TOPPINGS TO 1 PART OF PORTLAND CEMENT.



SHEET N°2.

V. R.

ELPHINSTONE.

PROPOSED COMBINED BOOKING OFFICE AND SIGNAL BO.

VARIOUS DETAILS.

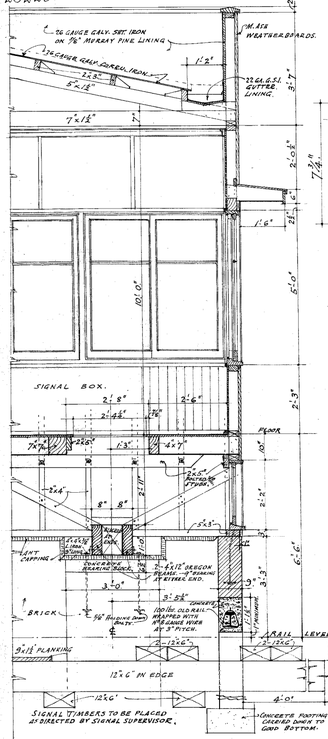
SCALES AS SHOWN.

Chief Civil Engineer.

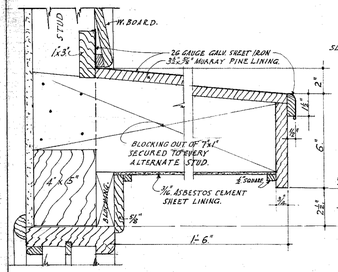
CHIEF ARCHITECT'S OFFICE COPY

Work Completed.			S.B 2239.	PLAN N°
Drawn by	Checked by	Correx N° 11/9/38.	Chief Architect. 7. 6. 1940.	A. 23.	297-40

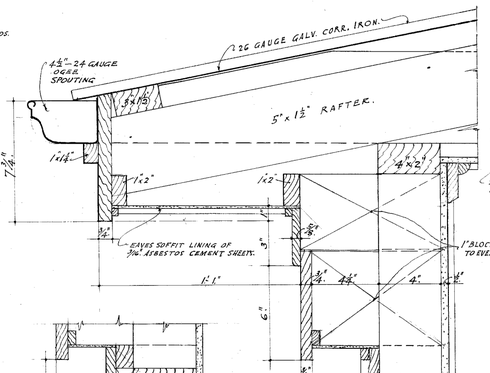
25223 89.1



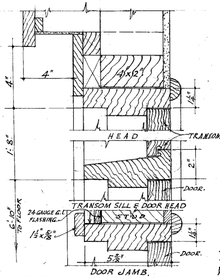
PART DETAIL OF CROSS SECTION A.A. Scale- ½"=1'-0"



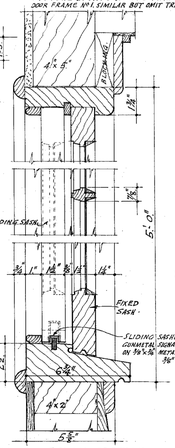
TYPICAL DETAIL SECTION OF HOOD-CORNICE OVER SIGNAL BOX WINDOWS. Scale – ¼ Full size.



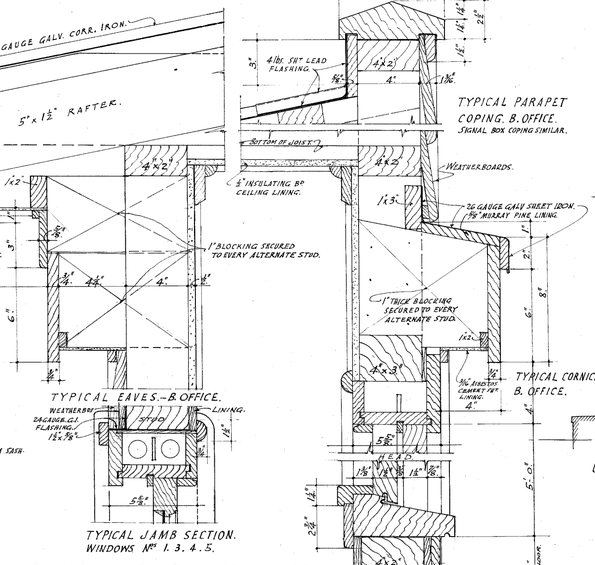
TYPICAL EAVES.-B.OFFICE.



TYPICAL DETAIL OF DOOR FRAME No 2.
DOOR FRAME No 1 SIMILAR BUT SMIT TRANSOM.



TYPICAL DETAIL SECTION SIGNAL BOX WINDOWS Scale – ¼ Full size.

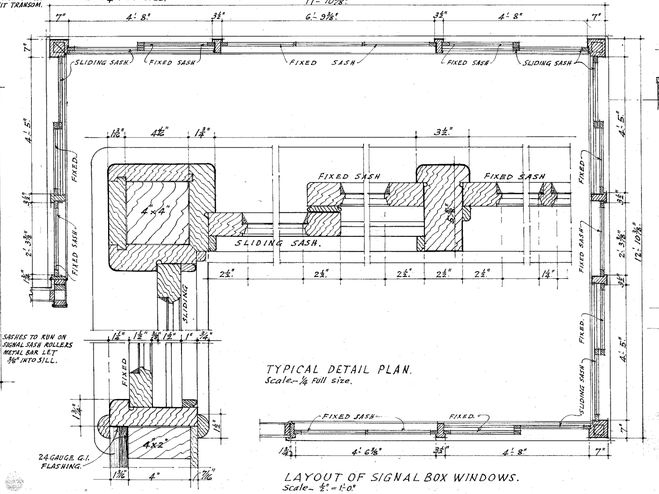


TYPICAL PARAPET COPING. B. OFFICE. Signal Box coping similar.

TYPICAL JAMB SECTION. Windows Nos 1. 3. 4. 5.

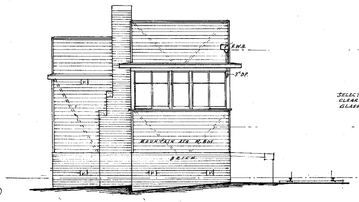
TYPICAL HEAD AND SILL. Windows Nos 1. 3. 4. 5.

TYPICAL DETAIL SECTION OF EAVES, PARAPET, WINDOWS ETC. AS SHOWN ON CROSS SECTION C.C. Scale – ¼ Full Size.

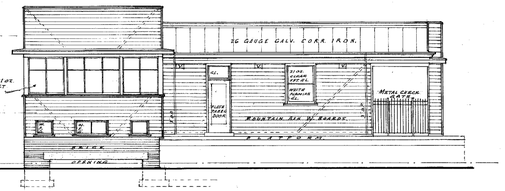


TYPICAL DETAIL PLAN. Scale – ½ Full size.

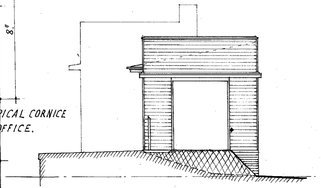
LAYOUT OF SIGNAL BOX WINDOWS. Scale – ½"=1'-0"



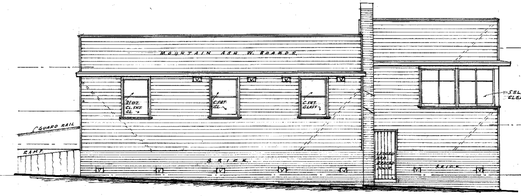
DOWN END ELEVATION.



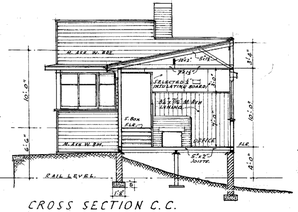
ELEVATION TO PLATFORM.



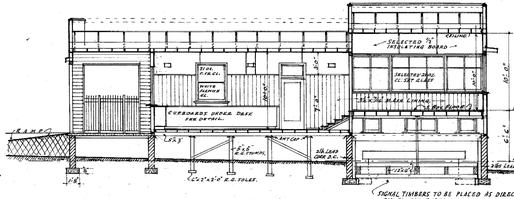
UP END ELEVATION.



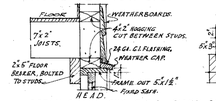
ELEVATION TO APPROACH ROAD.



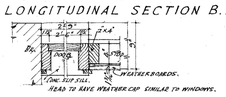
CROSS SECTION C.C.



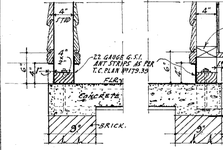
LONGITUDINAL SECTION B.B.



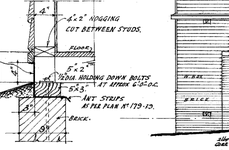
DETAIL OF WINDOWS – 6, 7, 8. – SIGNAL BOX BASEMENT. 1" Scale.



JAMB DETAIL OF DOOR – S.BOX BASEMENT. 1" Scale.

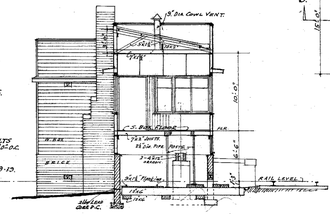


UP END WALL OF LOBBY. WALL BETWEEN LOBBY AND B. OFFICE. WALL TO APPROACH.



WALL TO PLATFORM.

TERMITE CONTROL DETAILS. Scale – 1"=1 foot.



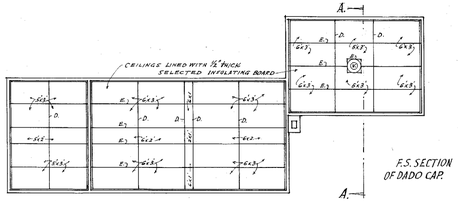
CROSS SECTION A.A.

NOTE.– SEE SHEET No 2. Plan W179 FOR DETAILS OF OFFICE FITTINGS, LOBBY FLOOR, FIREPLACE AND ETC. CONCRETE FOR FOUNDATIONS SHALL CONSIST OF 5 PARTS OF 1½" SCREENED BLUESTONE, 3 PARTS OF COARSE SAND, 1 PART OF PORTLAND CEMENT. TO BE REINFORCED WITH No 10 GAUGE. 6"x6" MESH STEEL WIRE FABRIC. MORTAR FOR BRICKWORK SHALL CONSIST OF 3 PARTS OF SAND, 2 PARTS OF HYDRATED LIME, 1 PART OF PORTLAND CEMENT. CEILINGS TO BE INSULATED BETWEEN JOISTS WITH INSUL-WOOL TO A DEPTH OF 2". TO BE PROTECTED FROM DUST WITH LAYER OF BUILDING PAPER OVER JOISTS.

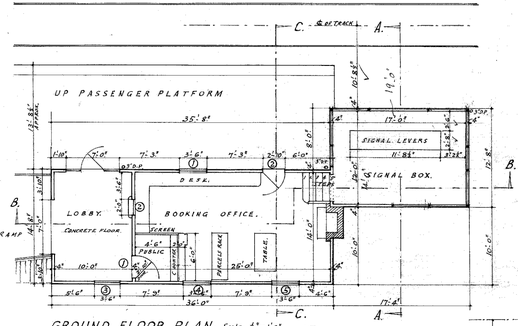
F.S. SECTION OF COVER MOLD WHERE MARKED "D" ON CEILING PLAN.

F.S. SECTION OF MOLD WHERE MARKED "E" ON PLAN.

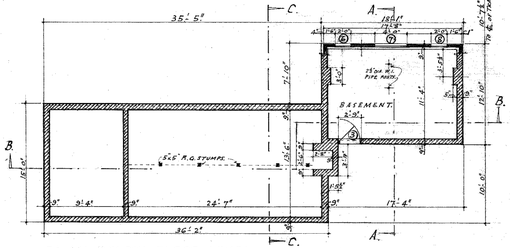
F.S. SECTION OF CORNICE.



CEILING PLAN. Scale- ⅛"=1'-0"



GROUND FLOOR PLAN. Scale- ⅛"=1'-0"



PLAN BELOW FLOOR LEVEL. Scale- ⅛"=1'-0"

SHEET No 1.

V.R.

ELPHINSTONE

PROPOSED COMBINED BOOKING OFFICE AND SIGNAL BOX "UP" PLATFORM.

Scales – as shown.

Chief Civil Engineer.

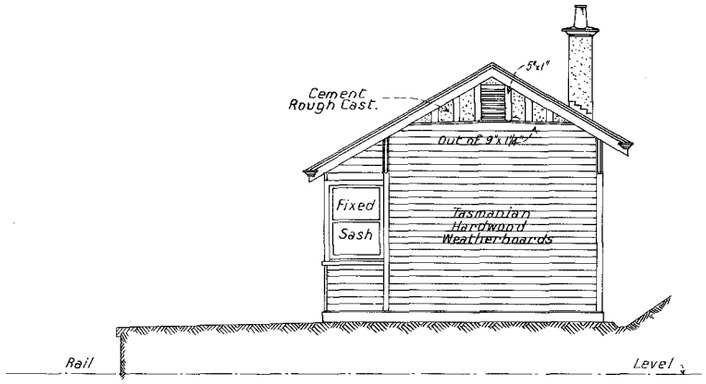
Work Completed.					
Drawn by	Checked by	Corres. No	Chief Architect.	S.B. 2235	PLAN No
A.T.		11818/38	31. 5. 1940.	A. 23.	271-40

2/2/12
25 8 39
K.2.1.

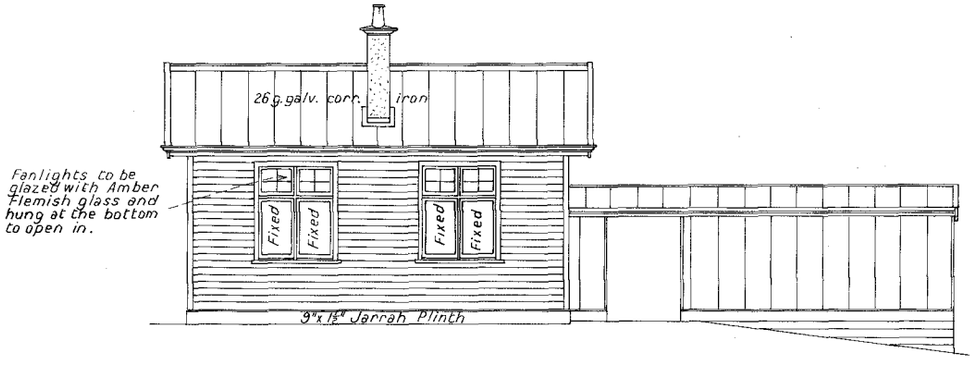
— V. R. —
— ELPHINSTONE —
— Combined Booking Office etc. —
— & Signal Box on the Up Side —
— Scale, Eight Feet = One Inch. —

LEM 13-11-12 W.W. 8075 A/12

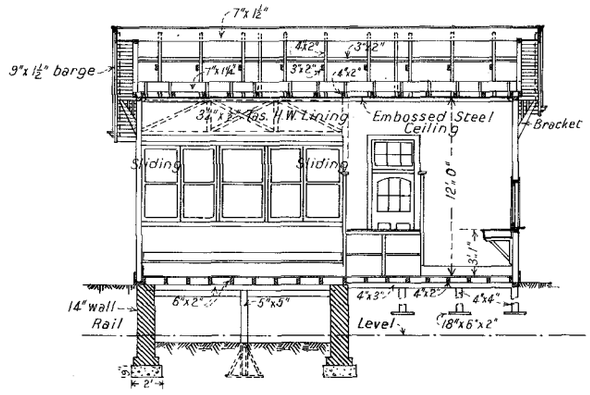
Approved
12. 11. 13



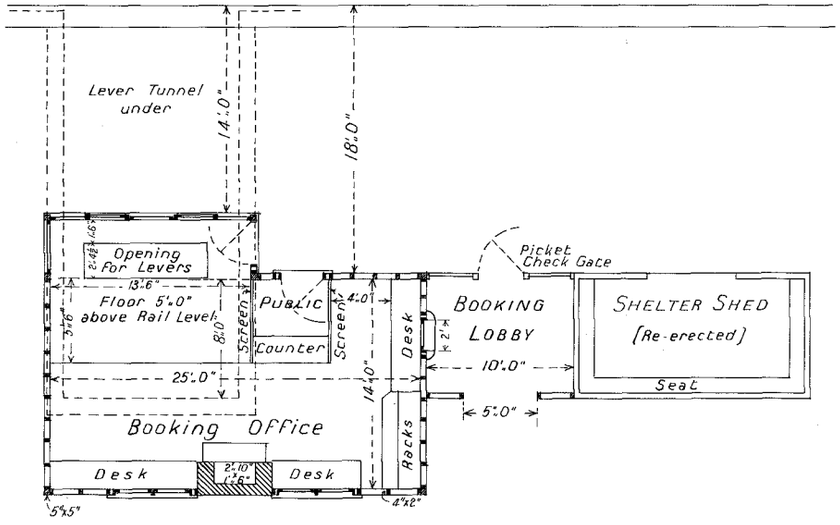
— END ELEVATION —



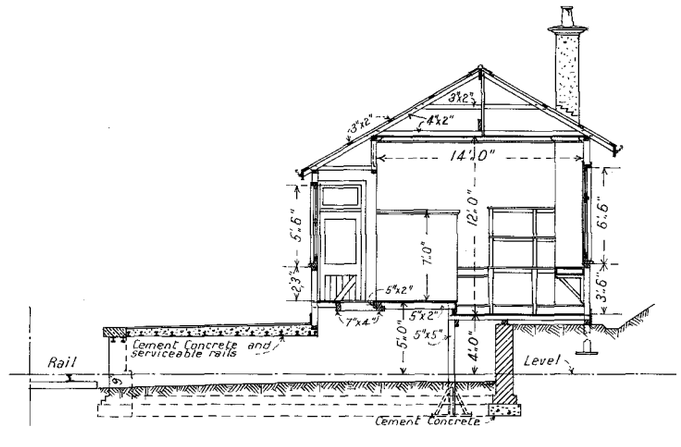
— ELEVATION TO APPROACH —



— LONGITUDINAL SECTION —



— PLAN —



— CROSS SECTION —

SB-973.
C-33.

2568-12

12. 11. 12

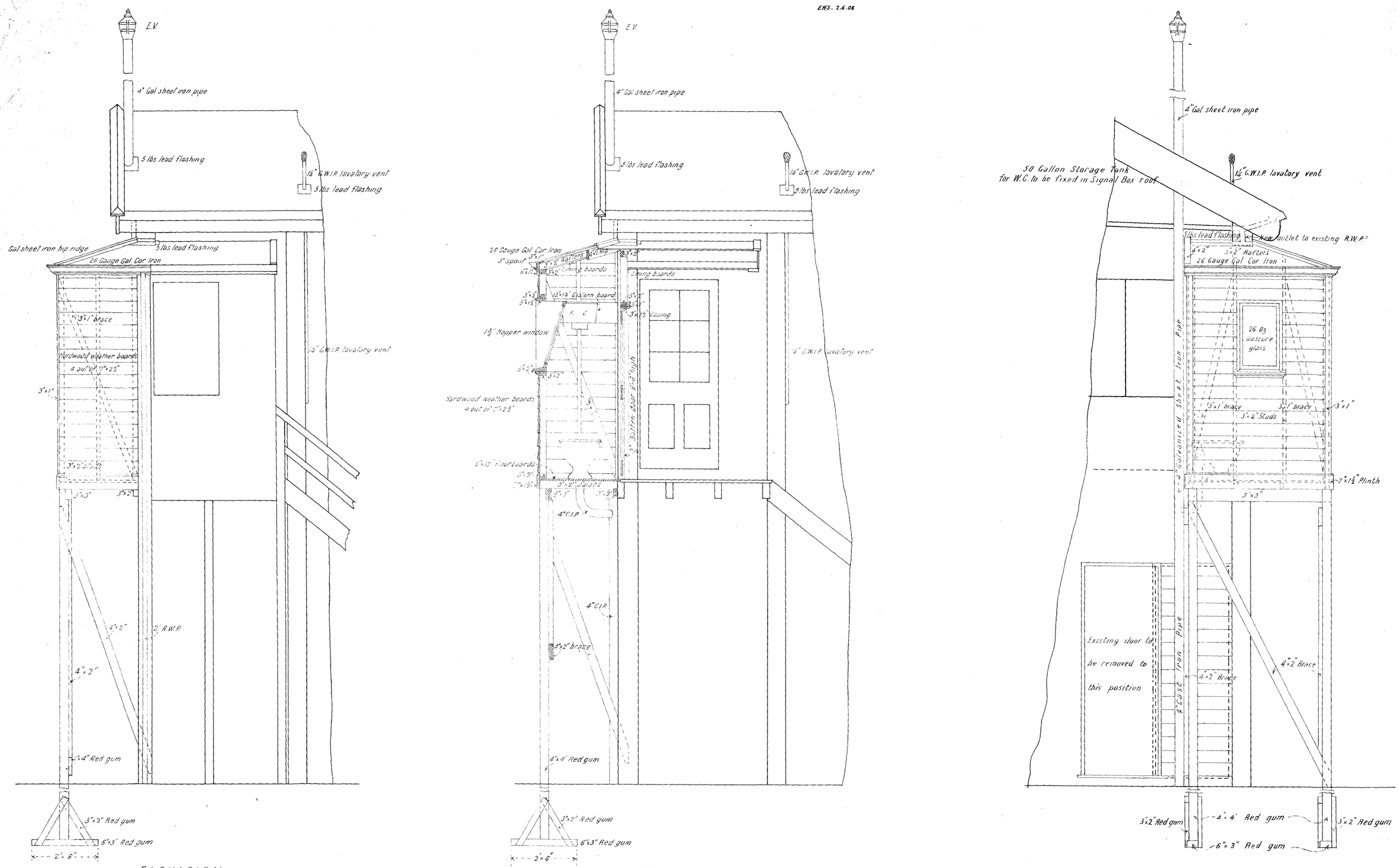
— V. R. —

ELSTERNWICK STATION

SIGNAL BOX W.C.

Scale 2 Feet to an Inch

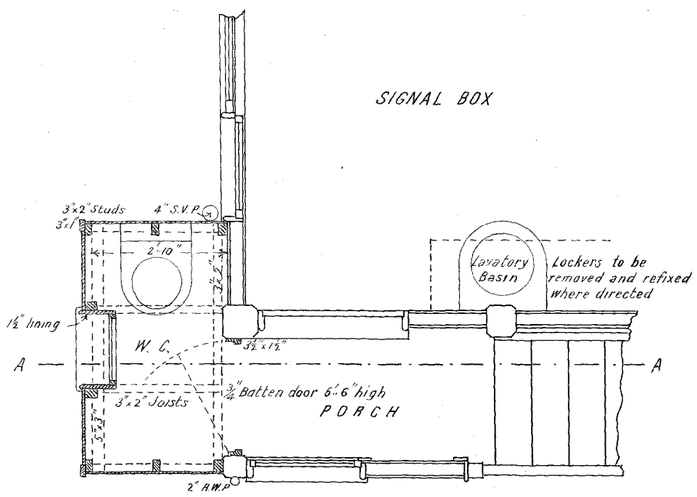
E.W.S. 2.6.08



— ELEVATION —

— SECTION A.A. —

— ELEVATION —



— PLAN —

792-08

RECORDED
NEW SERIES
DATE

FP 17-6-8

S·110
A 68

— V.R —

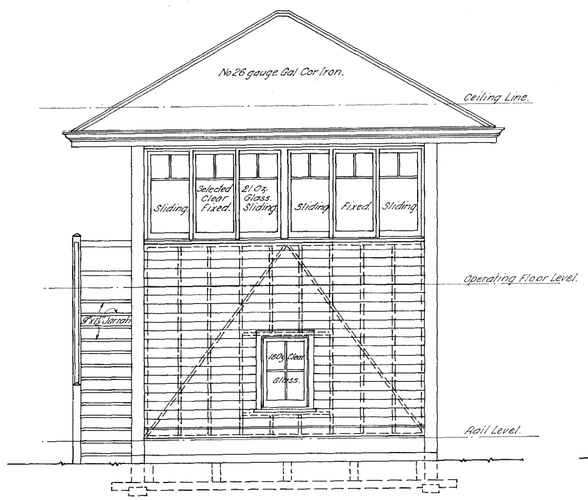
— FLEMINGTON RACECOURSE AND SHOWGROUNDS LINE —

— EPSOM ROAD —

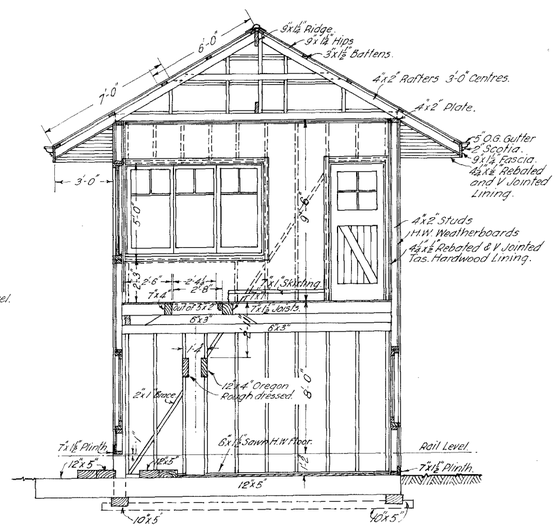
— NEW SIGNAL BOX. —

— Scales —
— 1" = 1'-0" —
— ½" = 1'-0" —

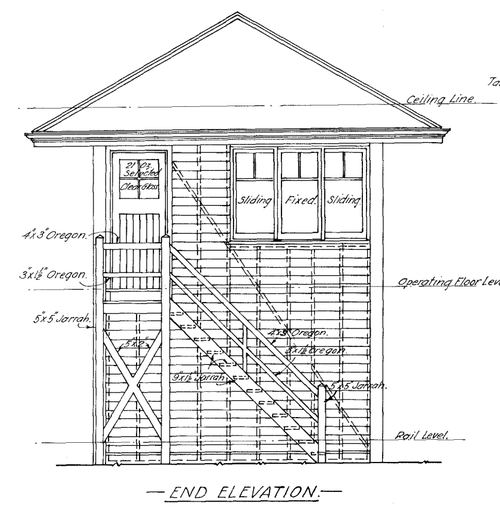
W.J.V. 14.10.24
5618/24.



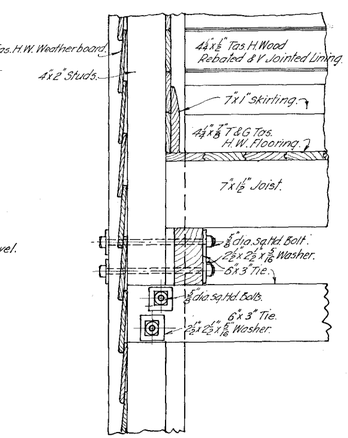
— FRONT ELEVATION —



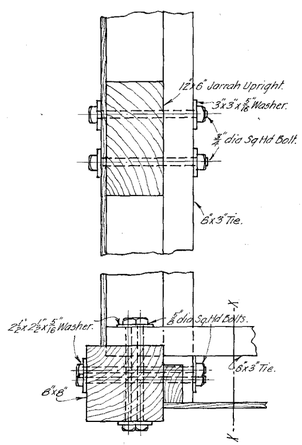
— SECTION A.A —



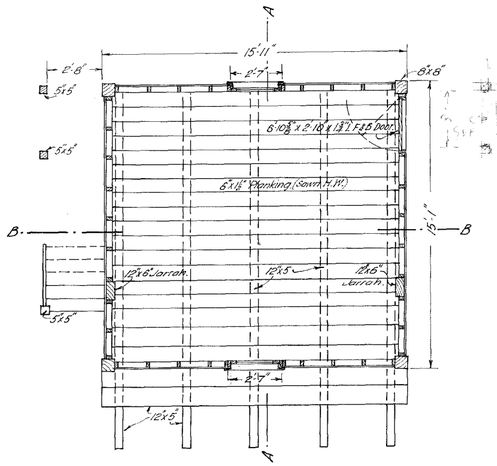
— END ELEVATION —



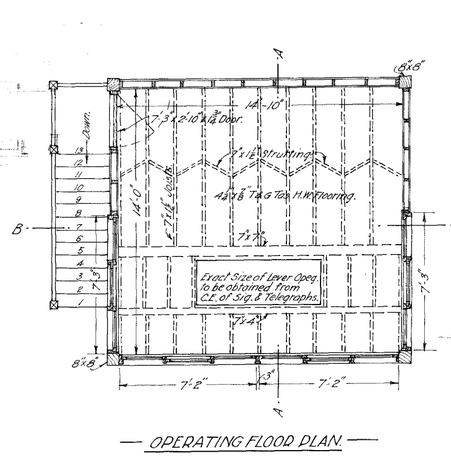
— SECTION X.X —



— PLAN —

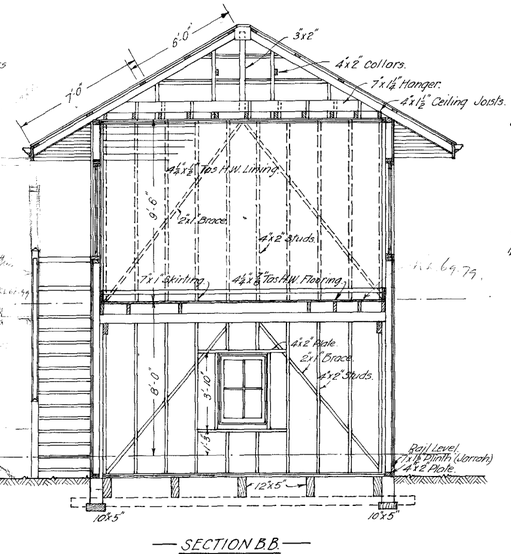


— BASEMENT PLAN —

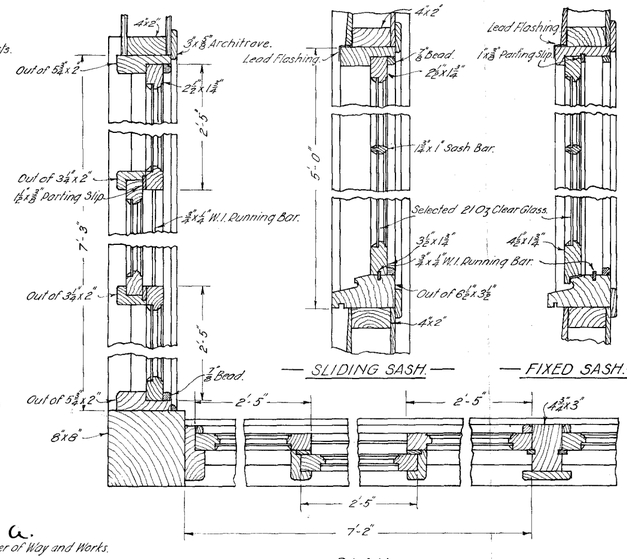


— OPERATING FLOOR PLAN —

NOTE:- All Timbers above ground to be of Hardwood unless otherwise specified Timbers below ground to be of Red Gum or Jarrah. All Machine Timbers and Trimmers to Lever Opening to be of Oregon.



— SECTION B.B —



— DETAIL OF HORIZONTAL TIES —

— SLIDING SASH — — FIXED SASH —

— PLAN —

— DETAIL OF SASHES —

J. M. C.
Acting Chief Engineer of Way and Works.
17.10.24

Chief Eng.r of Sigs. & Tels.
17.10.24

Chief Architect.
23.10.24.

B.67.
A.64.

3949.24

21474
4 9 39
K.3.1.

— V.R —

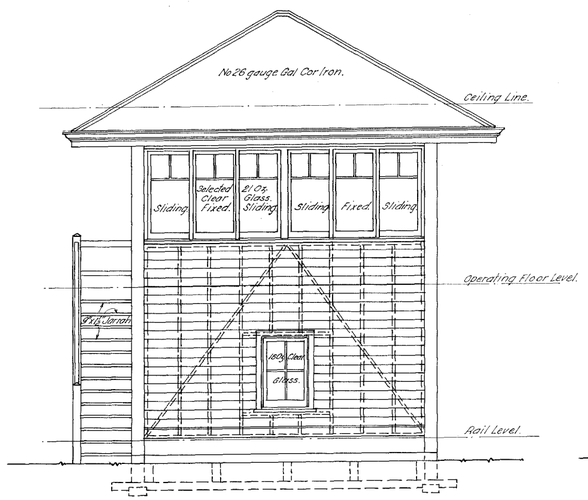
— FLEMINGTON RACECOURSE AND SHOWGROUNDS LINE —

— EPSOM ROAD —

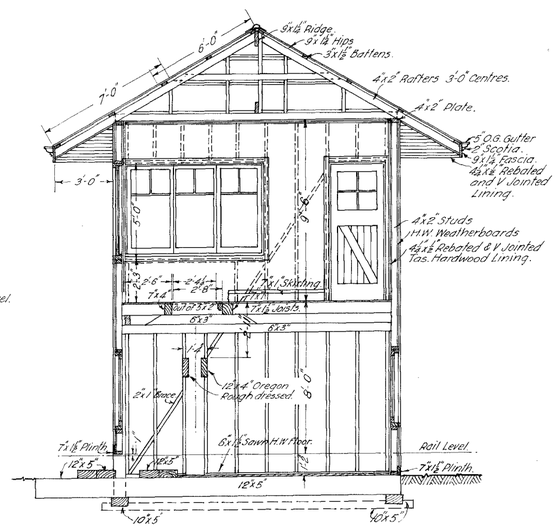
— NEW SIGNAL BOX. —

— Scales —
— 1" = 1'-0" —
— ½" = 1'-0" —

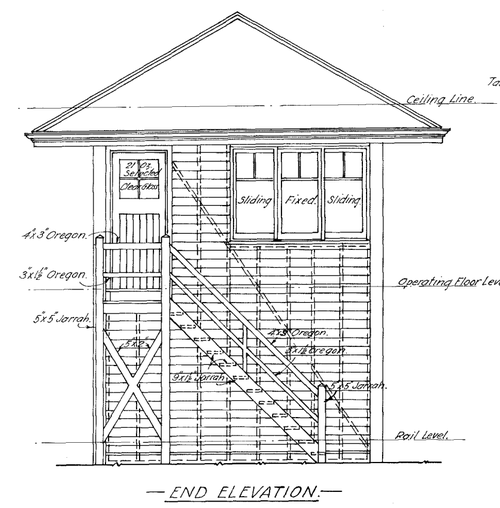
W.J.V. 14.10.24
5618/24.



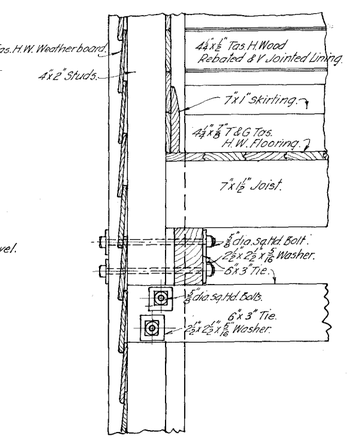
— FRONT ELEVATION —



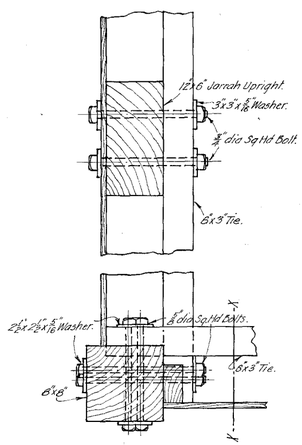
— SECTION A.A —



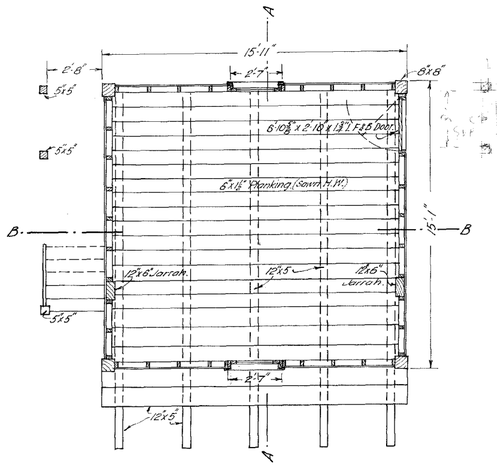
— END ELEVATION —



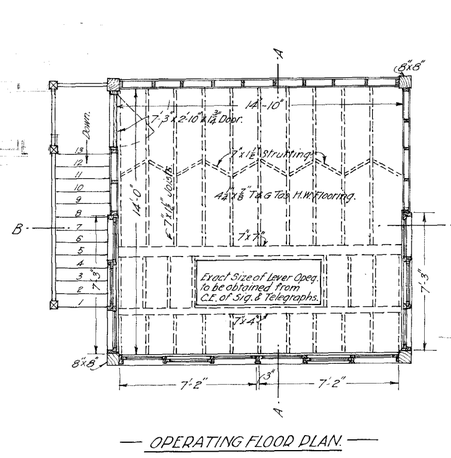
— SECTION X.X —



— PLAN —

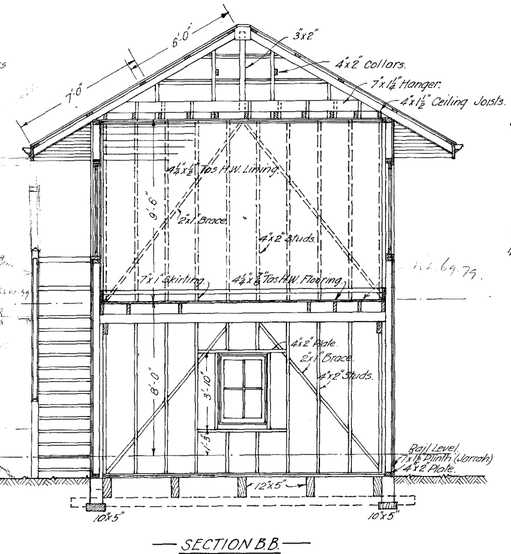


— BASEMENT PLAN —

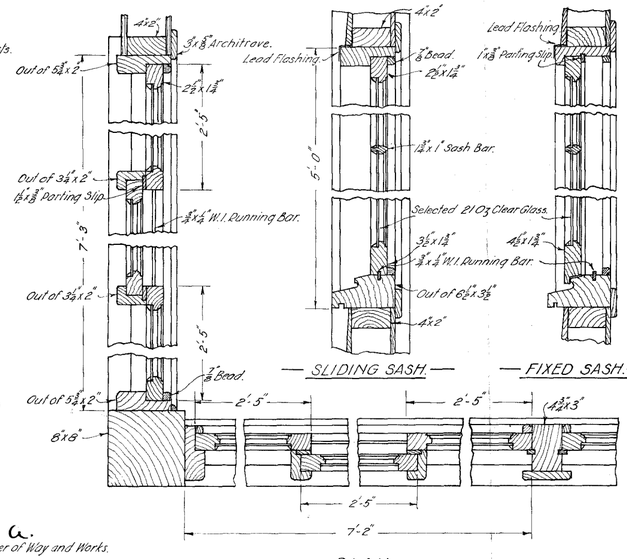


— OPERATING FLOOR PLAN —

NOTE:- All Timbers above ground to be of Hardwood unless otherwise specified Timbers below ground to be of Red Gum or Jarrah. All Machine Timbers and Trimmers to Lever Opening to be of Oregon.



— SECTION B.B —



— DETAIL OF HORIZONTAL TIES —

— SLIDING SASH — — FIXED SASH —

— PLAN —

— DETAIL OF SASHES —

J. M. C.
Acting Chief Engineer of Way and Works.
17.10.24

Chief Eng.r of Sigs. & Tels.
17.10.24

Chief Architect.
23.10.24.

B.67.
A.64.

3949.24

21474
4 9 39
K.3.1.

21160
24 8 39
B. 1.3.

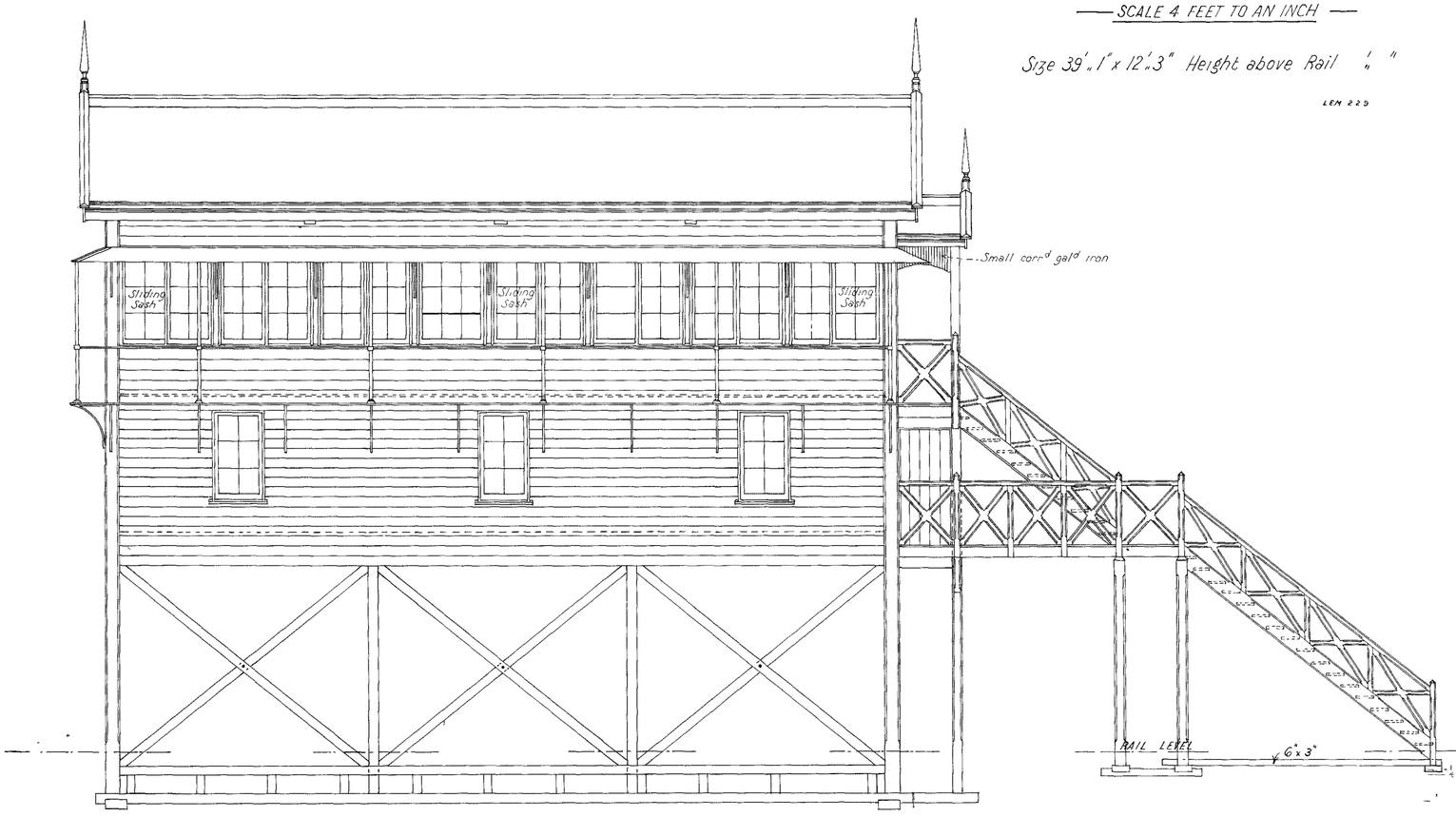
VICTORIAN RAILWAYS,

SIGNAL BOX AT ESSENDON

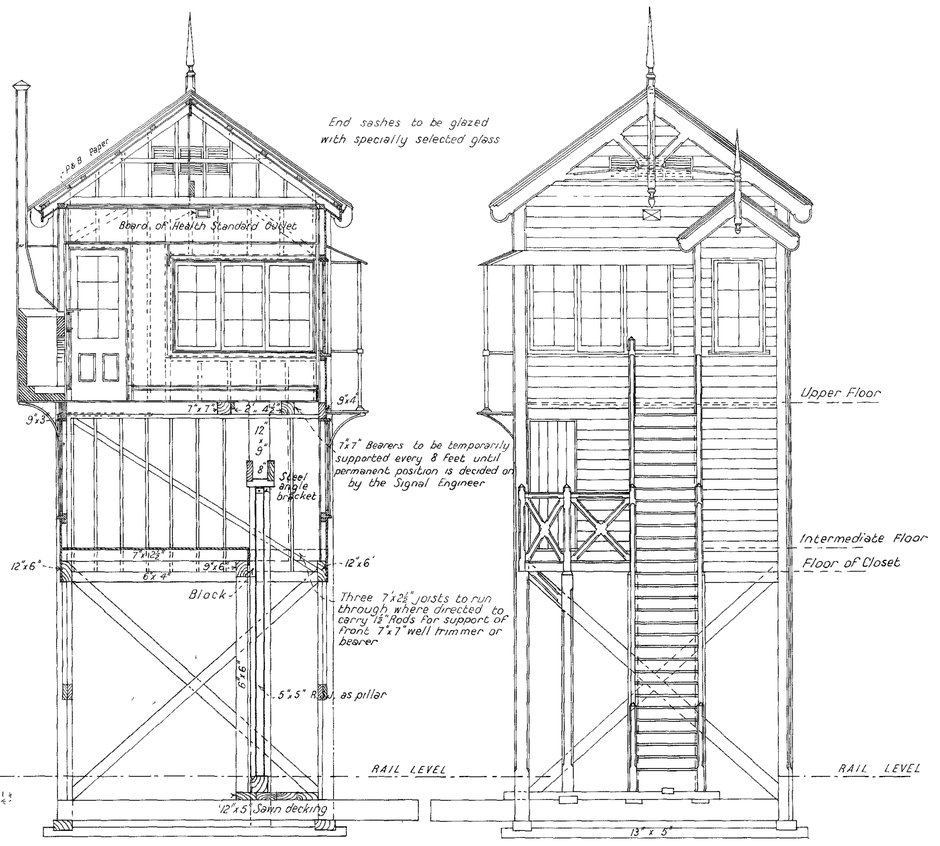
SCALE 4 FEET TO AN INCH

Size 39'.1" x 12'.3" Height above Rail '. "

LEM 229



FRONT ELEVATION

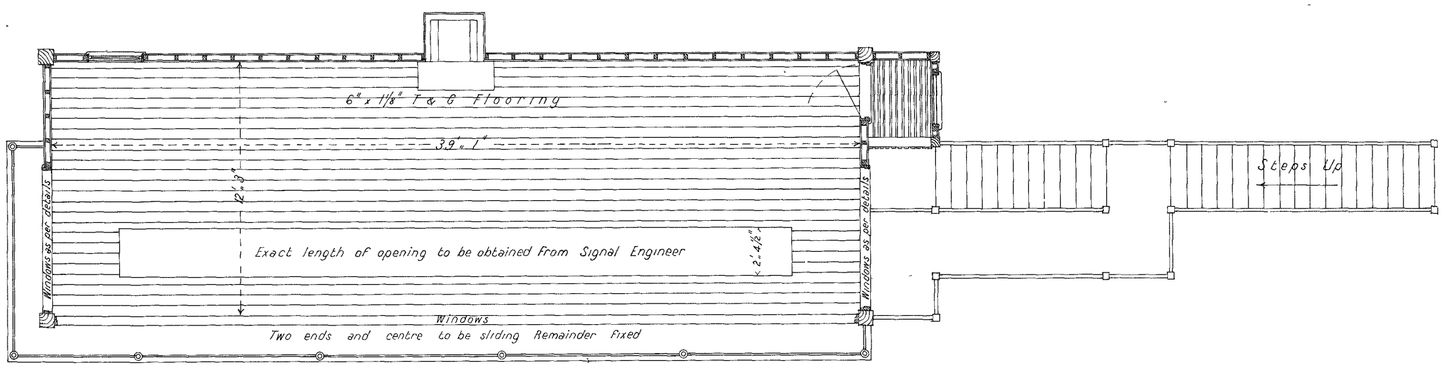


CROSS SECTION

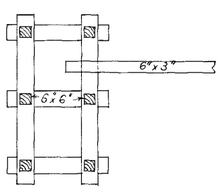
END ELEVATION

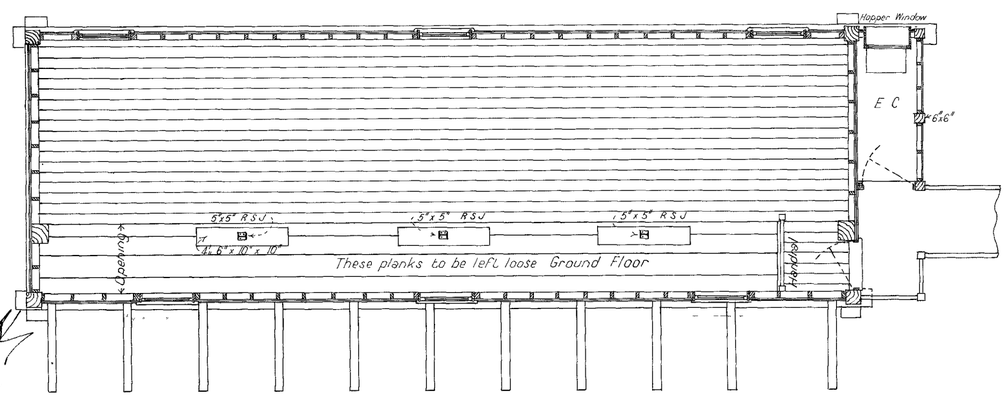
NOTE – Studs to be spaced so that one will come directly under iron brackets

All timbers in contact with ground to be of Red Gum or Jarrah.

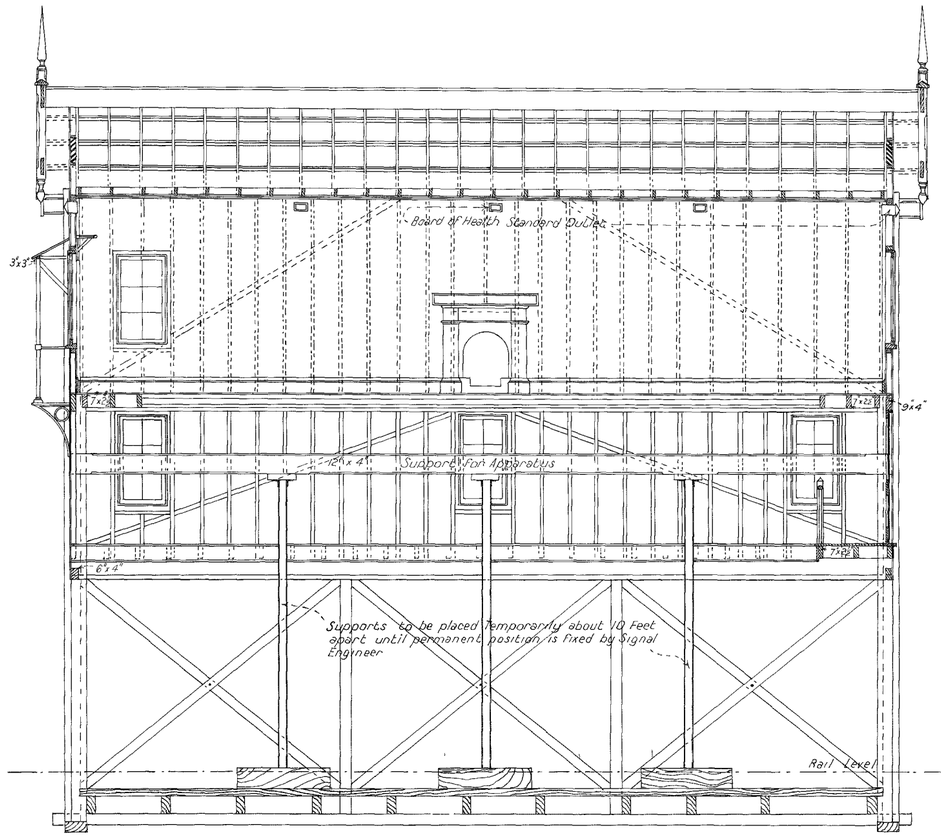


UPPER FLOOR PLAN





INTERMEDIATE FLOOR PLAN



LONGITUDINAL SECTION

2.2.9

18.3.9

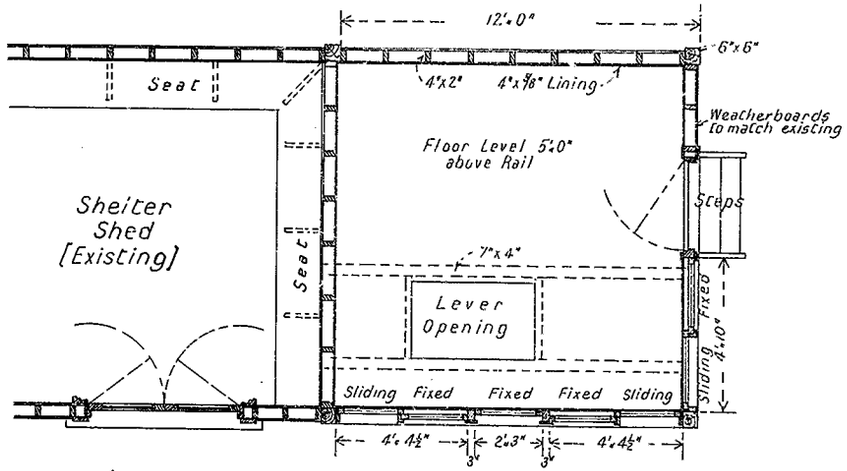
173-09

B. 96.
A. 64.

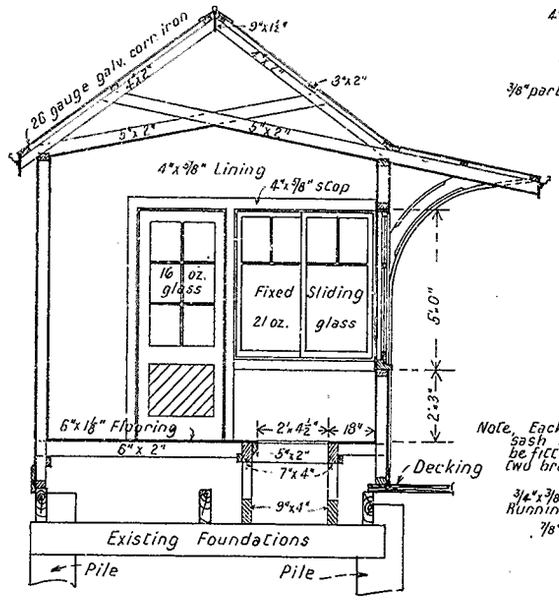
116

—V.R.—
—FLEMINGTON BRIDGE—
—New Signal Box on the "Down" Side—
— Scale, 4 Ft. = One Inch. —

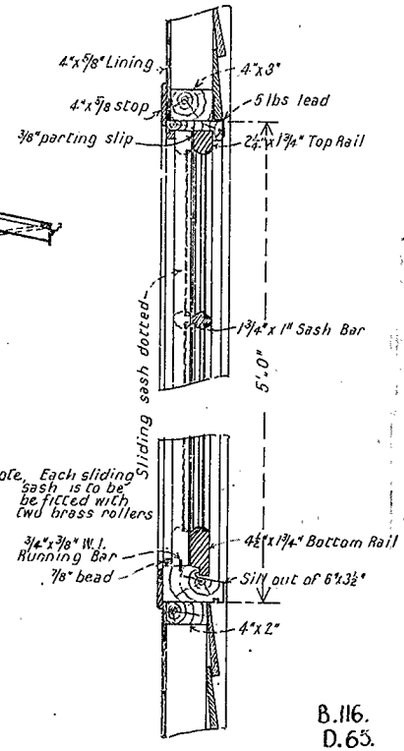
L.E.M. 28·11·12 W.W. 6341/12.



— PLAN —



— CROSS SECTION —



B.116.
D.65.

— SECTION THROUGH —
— FIXED SASH —
— 1" = 1 Foot —

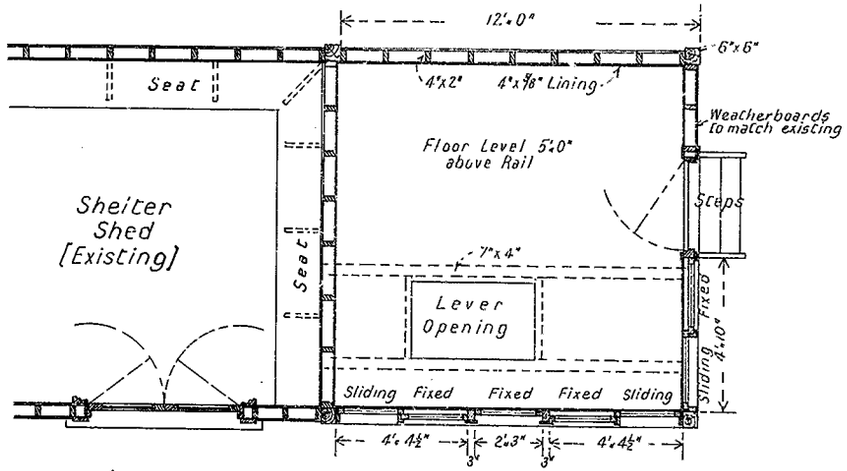
2725·12

28. 11. 12

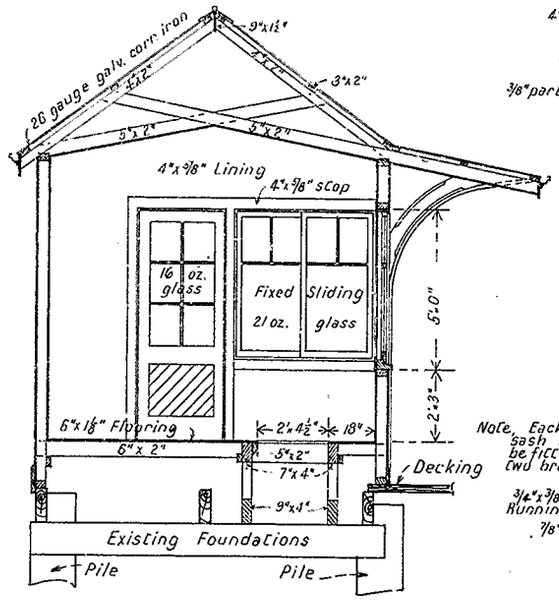
116

—V.R.—
—FLEMINGTON BRIDGE—
—New Signal Box on the "Down" Side—
— Scale, 4 Ft. = One Inch. —

L.E.M. 28·11·12 W.W. 6341/12.



— PLAN —



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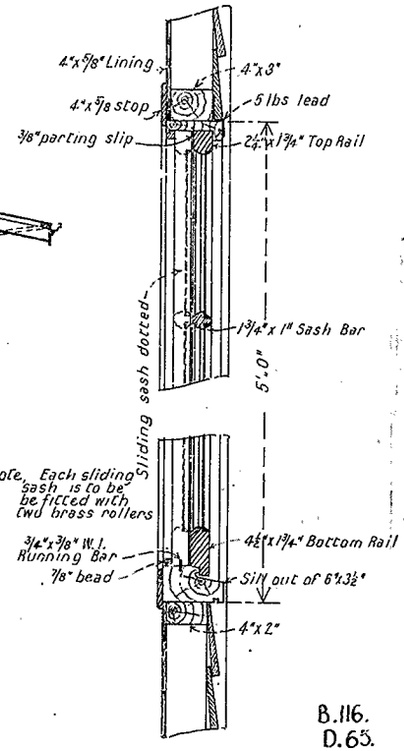


B.116.
D.65.

— SECTION THROUGH —
— FIXED SASH —
— 1" = 1 Foot —

2725·12

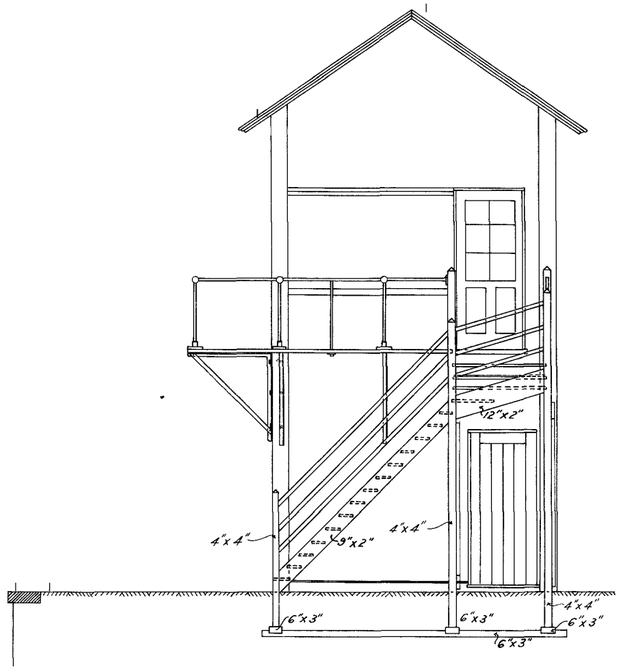
28. 11. 12

—V. R.—

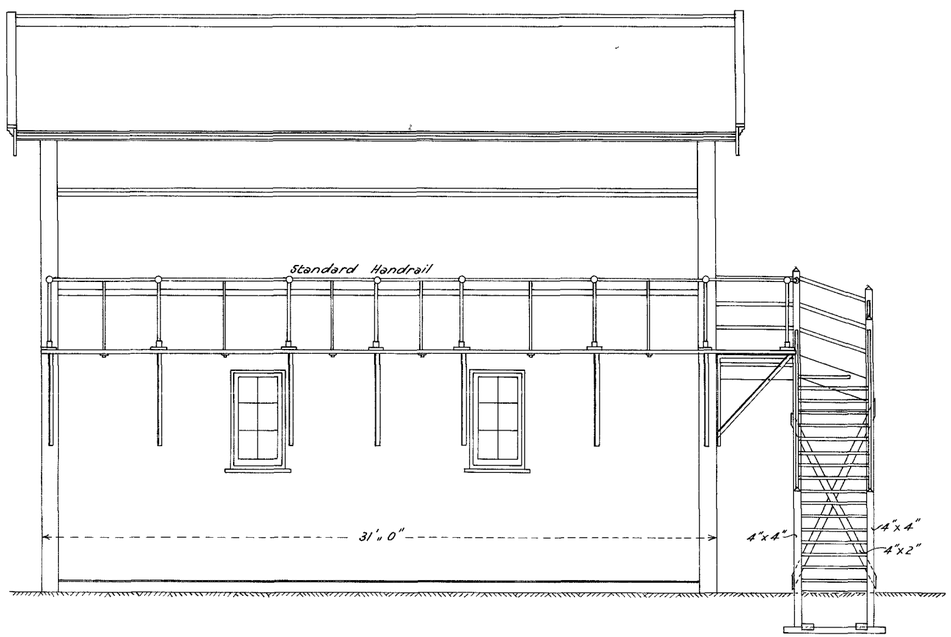
—FLEMINGTON RACECOURSE—

—Proposed Balcony for Signal Box—

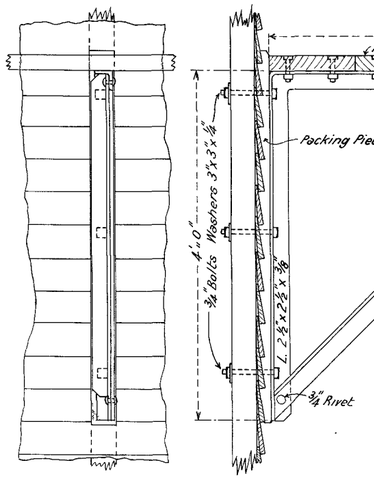
—Scale 1" = 1'—



—End Elevation—

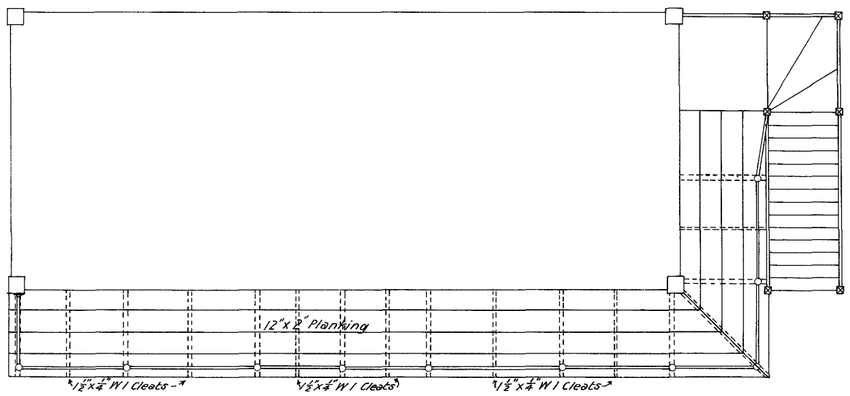


—Front Elevation—



—Detail of Bracket—

—Scale 1"=1'—



—Plan—

VICTORIAN RAILWAYS

FLINDERS STREET NEW STATION

SIGNAL BOX "A"

Scale 1 Foot to an Inch

CONTRACT Nº 9804
Nº 2

PART CROSS SECTION

PLAN AND ELEVATION OF BASE OF HOD

PLAN OF BASE AND CAP

SECTION THRO' SLIDING SASH

STANCHION AND CANTILEVER

PLAN

ELEVATION

PLAN OF CLOSET ETC ON FIRST FLOOR LANDING

SECTION AA

SECTION B. B.

SECTION OF STAIRS SHOWING CLOSETS

SLIDING DOOR IN SIDES

WALL END OF APPARATUS BEAMS

WINDOWS IN EAST END

WINDOWS IN SIDES

PLAN OF LOWER WINDOWS

WINDOWS IN ENTRANCE END

RAILWAY DEPARTMENT MELBOURNE MCH. 1901
Nº 227

VICTORIAN RAILWAYS
CENTRAL RAILWAY STATION
AT
FLINDERS STREET
SIGNAL BOX "B"
Scale 4 Feet to an Inch

CONTRACT Nº 9680
Nº 1

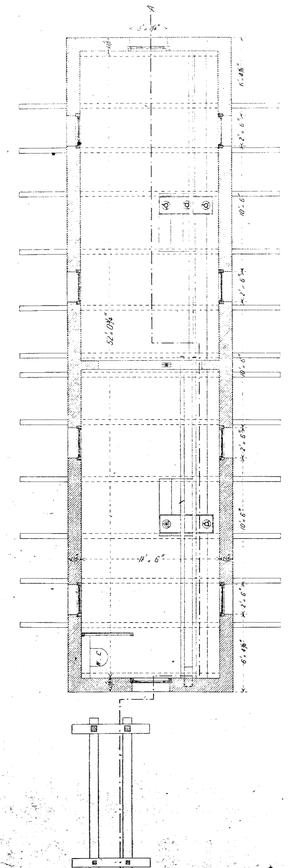
THIS PRINT IS REPRODUCED AT A SCALE OF 1:.....

REPRODUCED AT .....% OF ORIGINAL

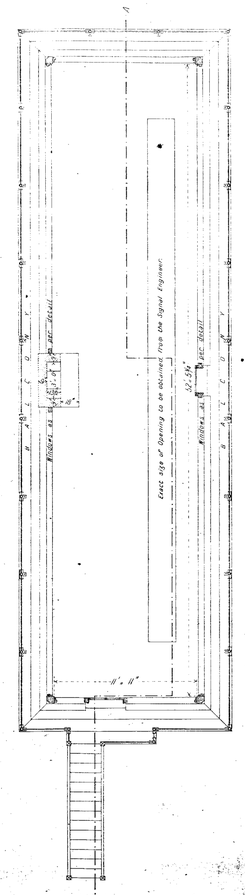
SIGNAL BOX 'B'

ORIGINAL.

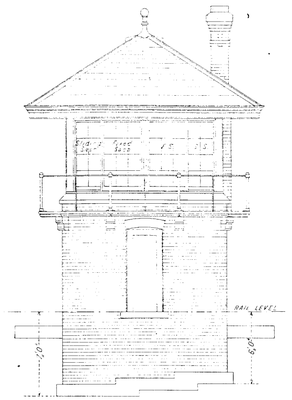
SB 7080



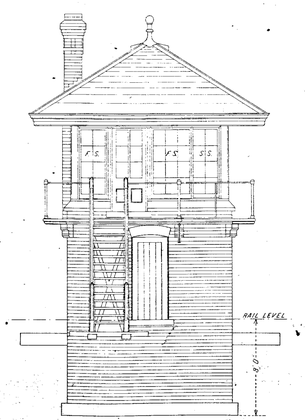
GROUND FLOOR PLAN



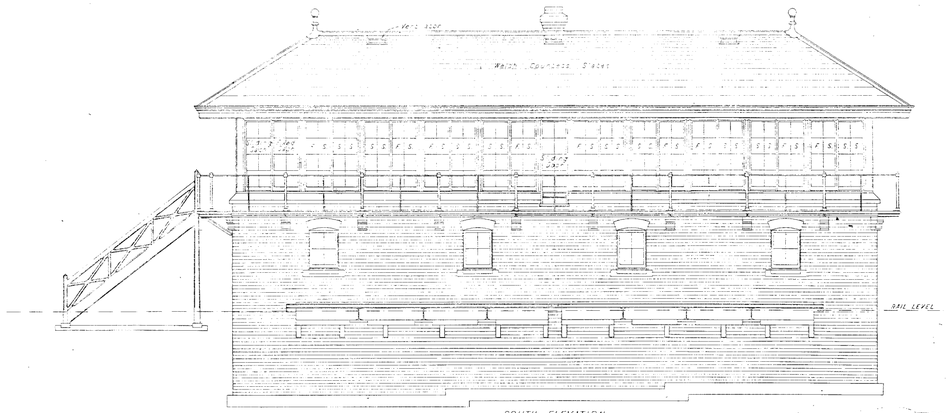
FIRST FLOOR PLAN



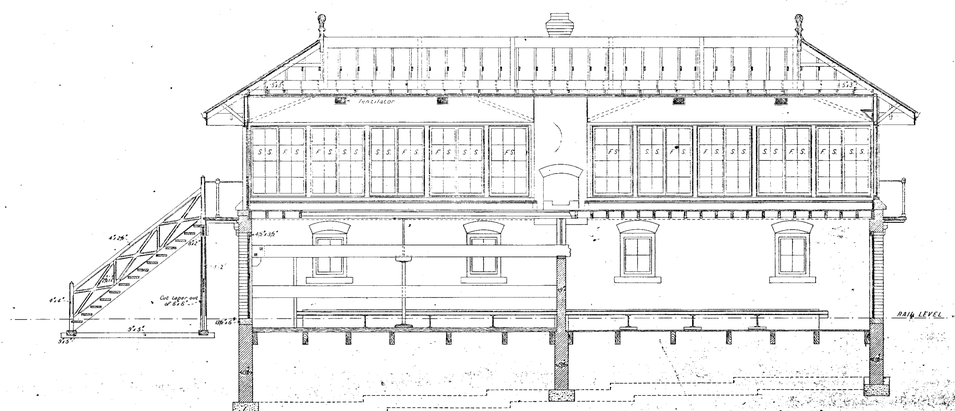
EAST ELEVATION



WEST ELEVATION



SOUTH ELEVATION



SECTION A A

I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 3rd day of December 1900

Signature of Contractor [signature]

Witness to Signature [signature]

Date 4.12.00

RAILWAY DEPARTMENT MELBOURNE OCT. 1900

CENTRAL RAILWAY STATION
AT
FLINDERS STREET
SIGNAL BOX "B"
Scale 1 Foot to an inch

REPRODUCED AT
.....% OF ORIGINAL

SIGNAL BOX 'B' ORIGINAL SB 7085

CROSS SECTION

Section A-A

Section B-B

STANCHION & CANTILEVER

PLAN OF CAP & BASE

PLAN & ELEVATION OF BASE OF ROD IN CROSS WALL

PLAN & ELEVATION OF LOWER WINDOWS

SECTION THRO' STAIRS

SCREEN TO CLOSET

SLIDING DOOR IN SOUTH SIDE

WINDOWS IN EAST END

WINDOWS IN ENTRANCE END

Elevation

Plan

WALL END OF APPARATUS BEAMS

FIREPLACE & WINDOWS IN NORTH SIDE

WINDOWS IN SOUTH SIDE

I accept the above as one of the Drawings referred to in the Specification and Conditions upon which my Tender dated the 5th day of December 1960

Signature of Contractor [illegible]

Witness to Signature [illegible]

Date 7.12.60

RAILWAY DEPARTMENT MELBOURNE

VICTORIAN RAILWAYS
CENTRAL RAILWAY STATION
AT
FLINDERS STREET
SIGNAL BOX "B"
Scale 4 Feet to an Inch

CONTRACT Nº 9680
Nº 1

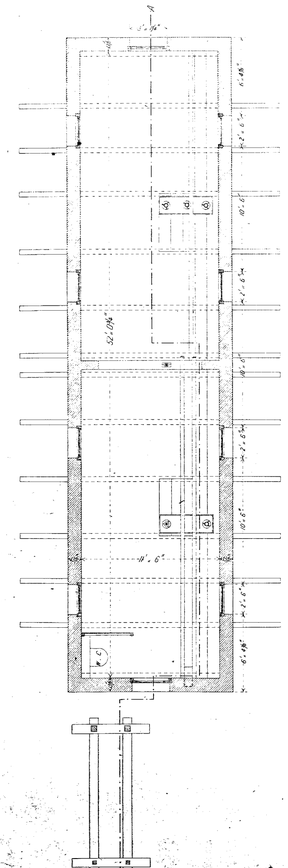
THIS PRINT IS REPRODUCED AT A SCALE OF 1:.....

REPRODUCED AT .....% OF ORIGINAL

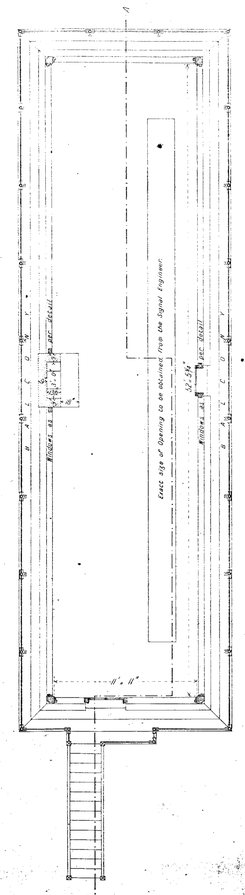
SIGNAL BOX 'B'

ORIGINAL.

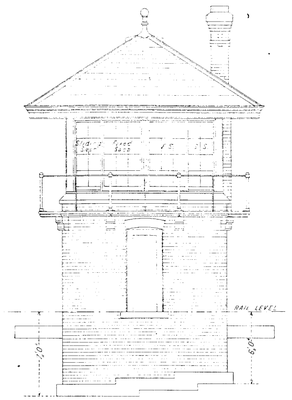
SB 7080



GROUND FLOOR PLAN



FIRST FLOOR PLAN



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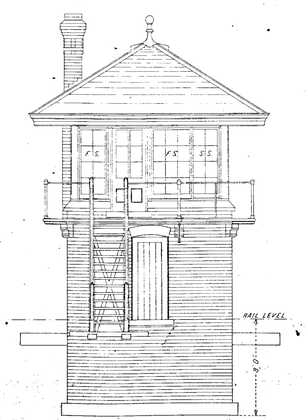

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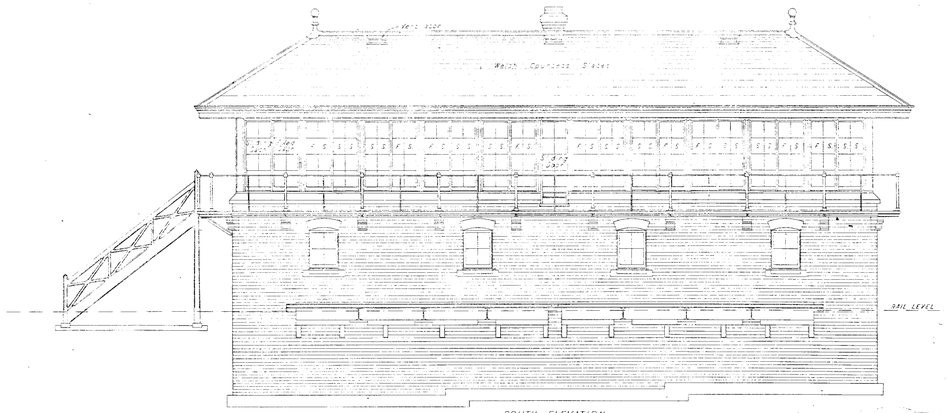
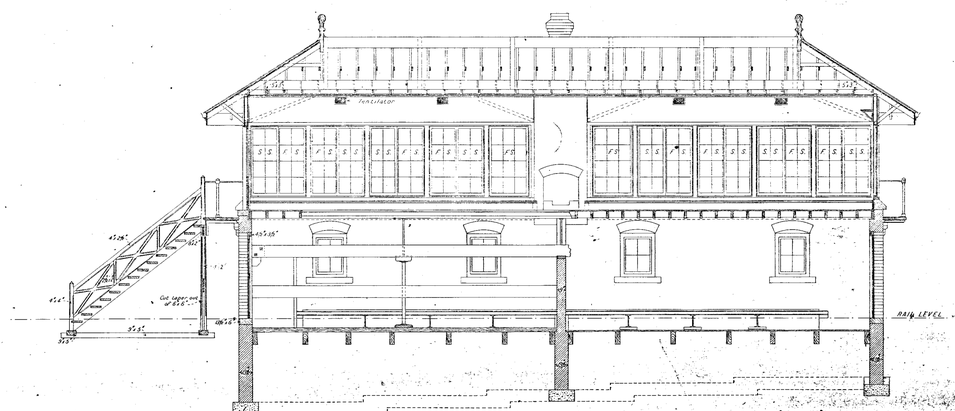


SOUTH ELEVATION



SECTION A A

I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 3rd day of December 1900

Signature of Contractor [signature]

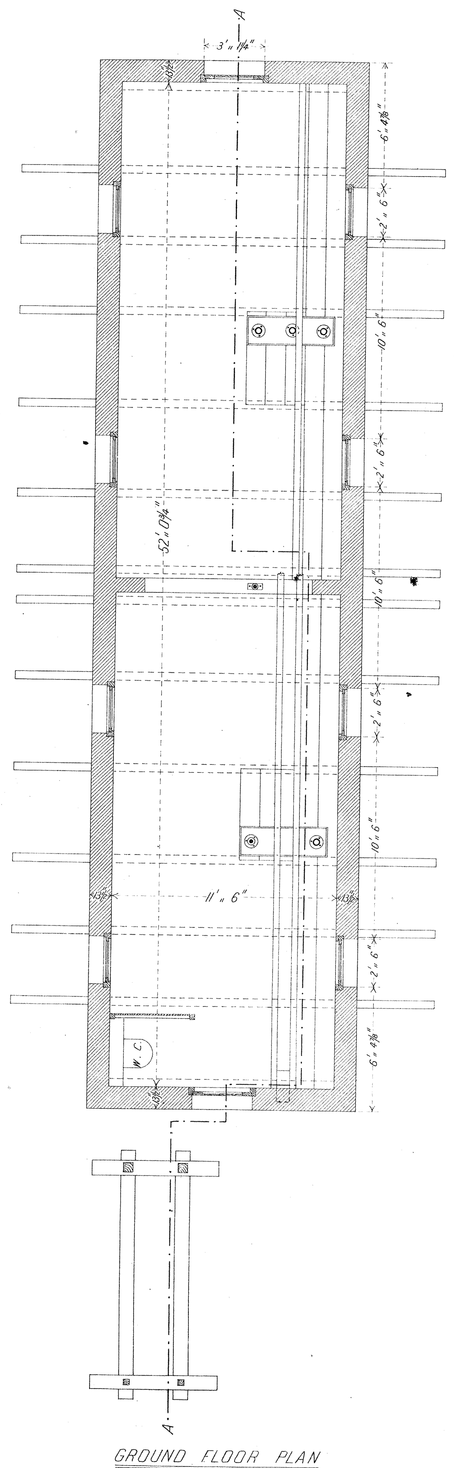
Witness to Signature [signature]

Date 4.12.00

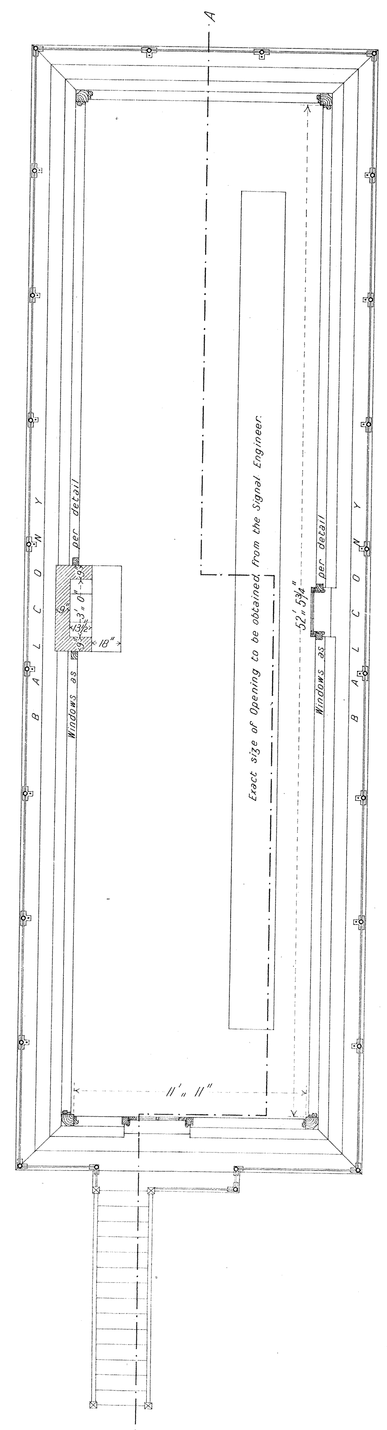
RAILWAY DEPARTMENT MELBOURNE OCT. 1900

VICTORIAN RAILWAYS
CENTRAL RAILWAY STATION
AT
FLINDERS STREET
SIGNAL BOX "B"
Scale 4 Feet to an Inch

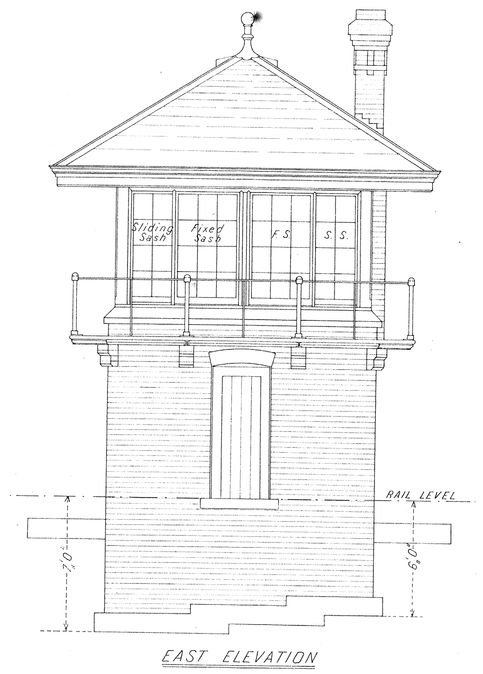
CONTRACT Nº 9690
Nº 1



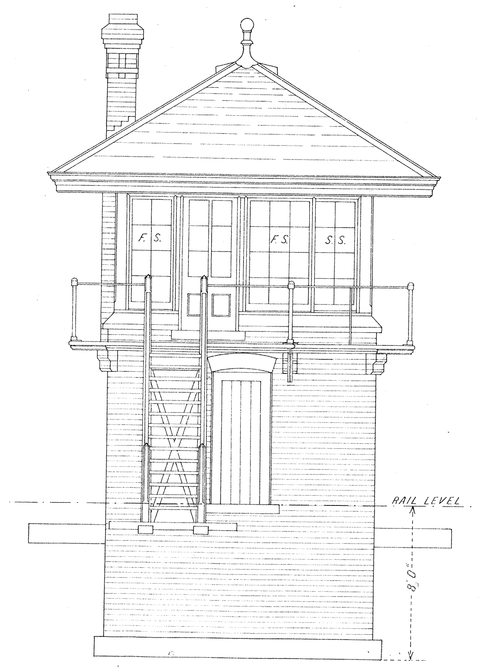
GROUND FLOOR PLAN



FIRST FLOOR PLAN



EAST ELEVATION



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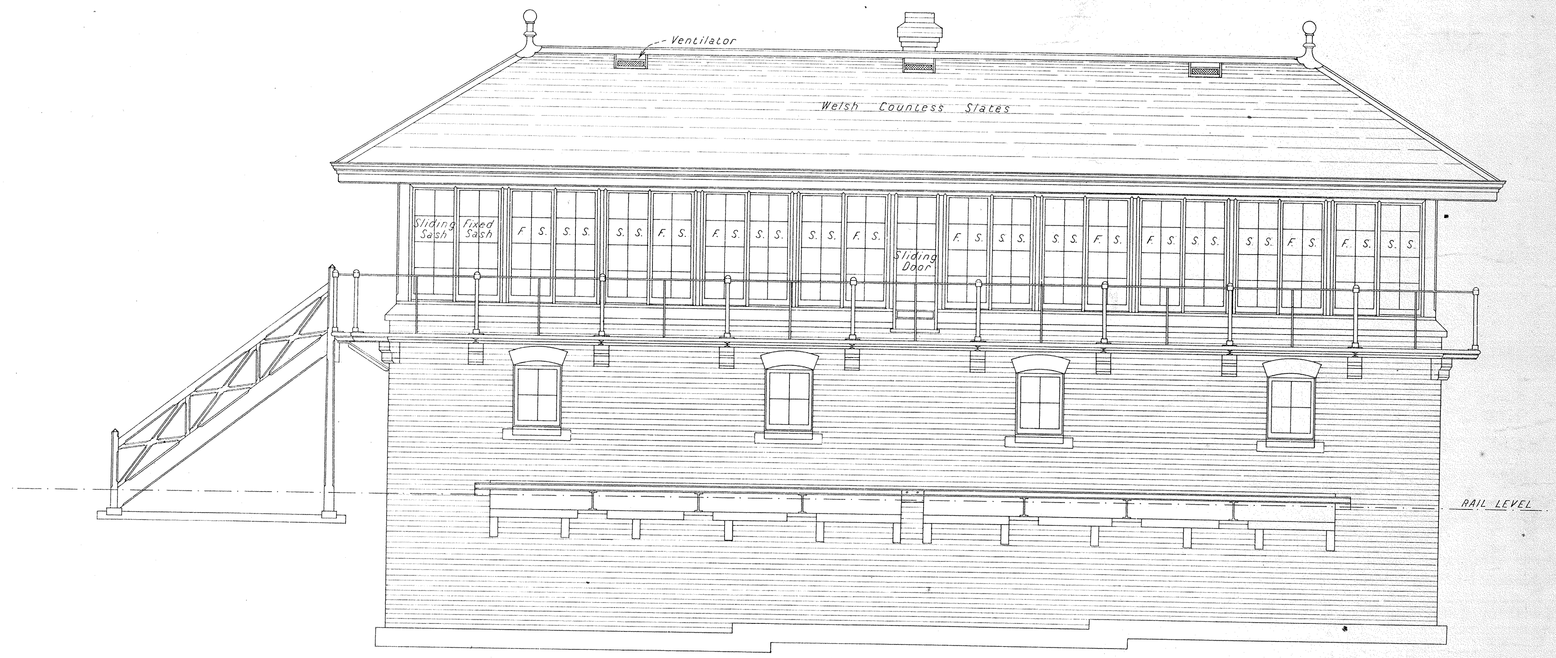
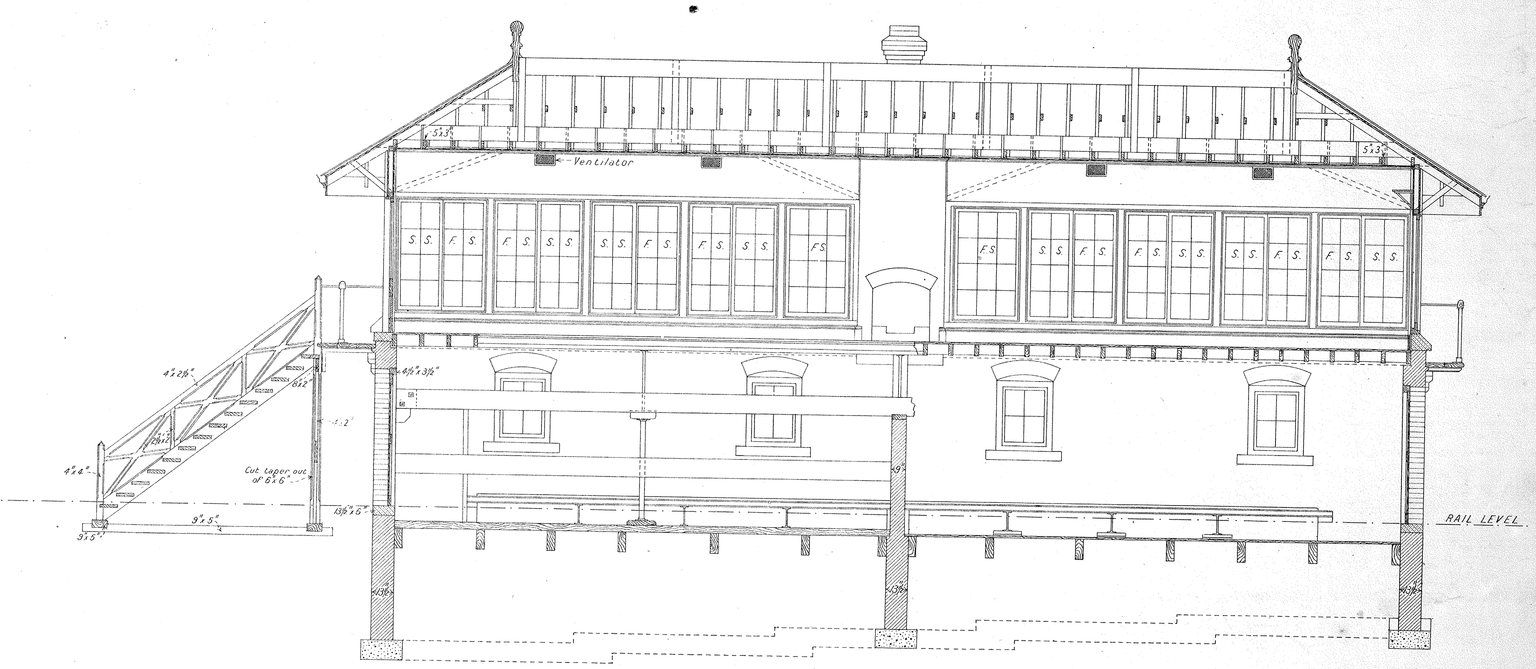
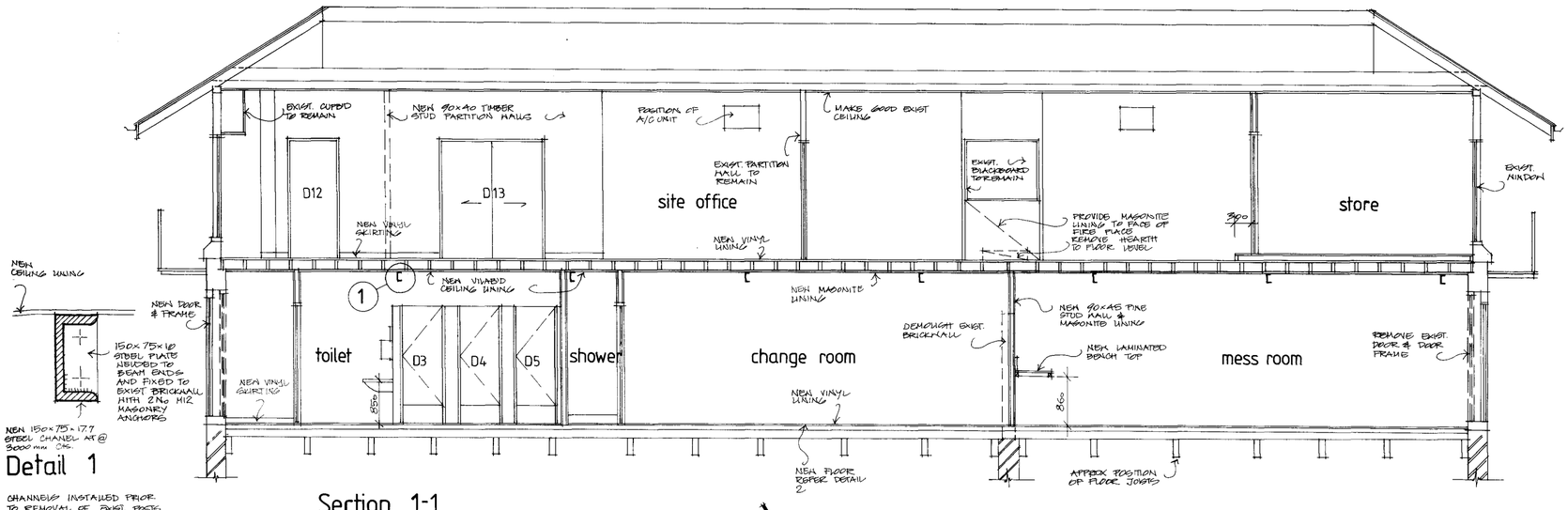


SOUTH ELEVATION



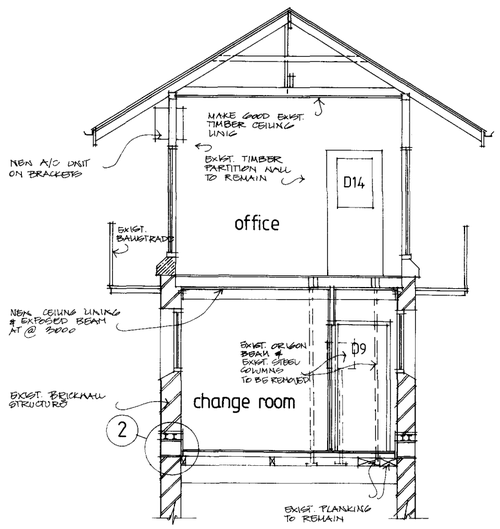
SECTION A A

RAILWAY DEPARTMENT MELBOURNE OCT. 1900

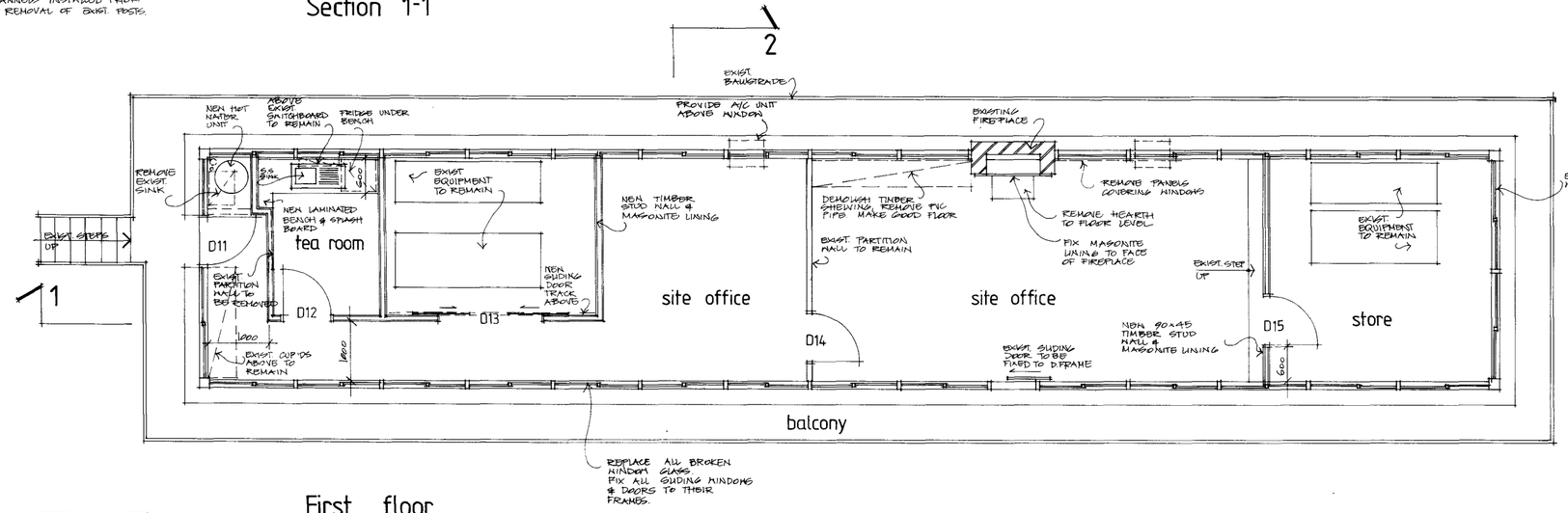


Detail 1

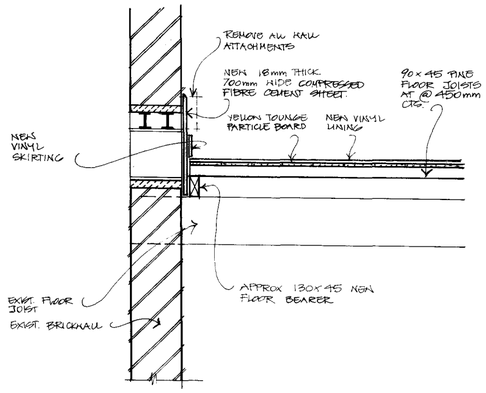
Section 1-1



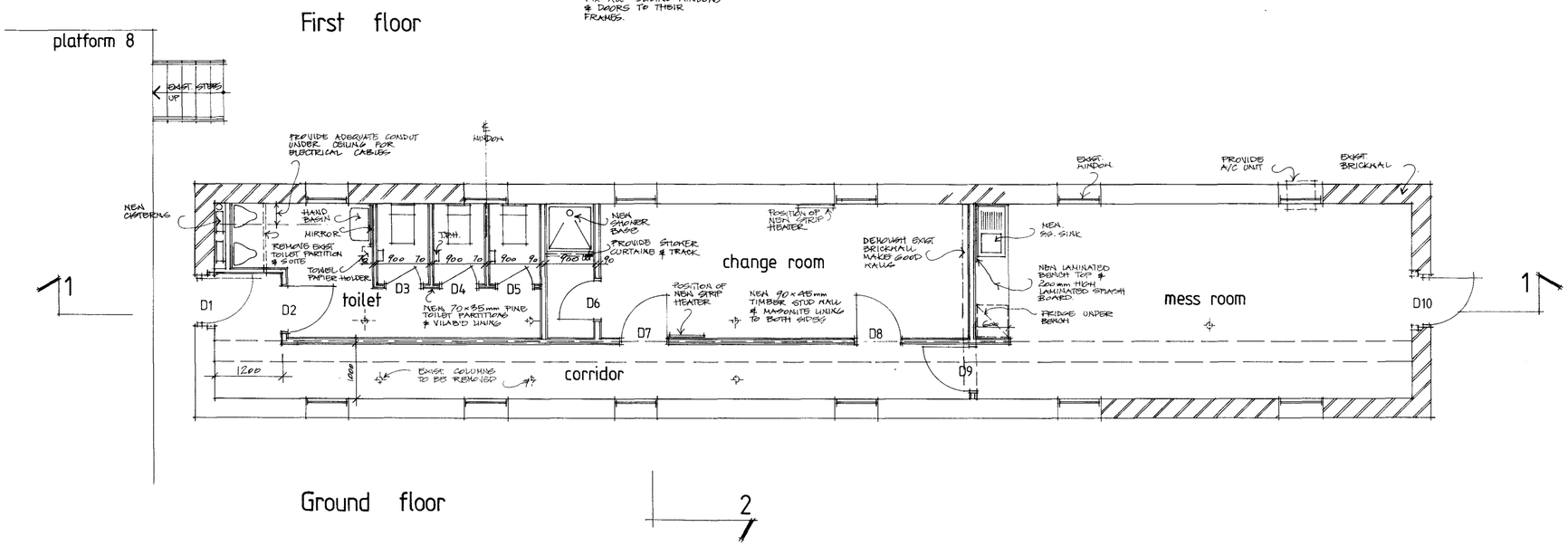
Section 2-2



First floor



Detail 2



Ground floor

flinders street station development

Metropolitan transit authority

project office
flinders street station
melbourne 3000

drawing title
Signal box "b"
plans and sections

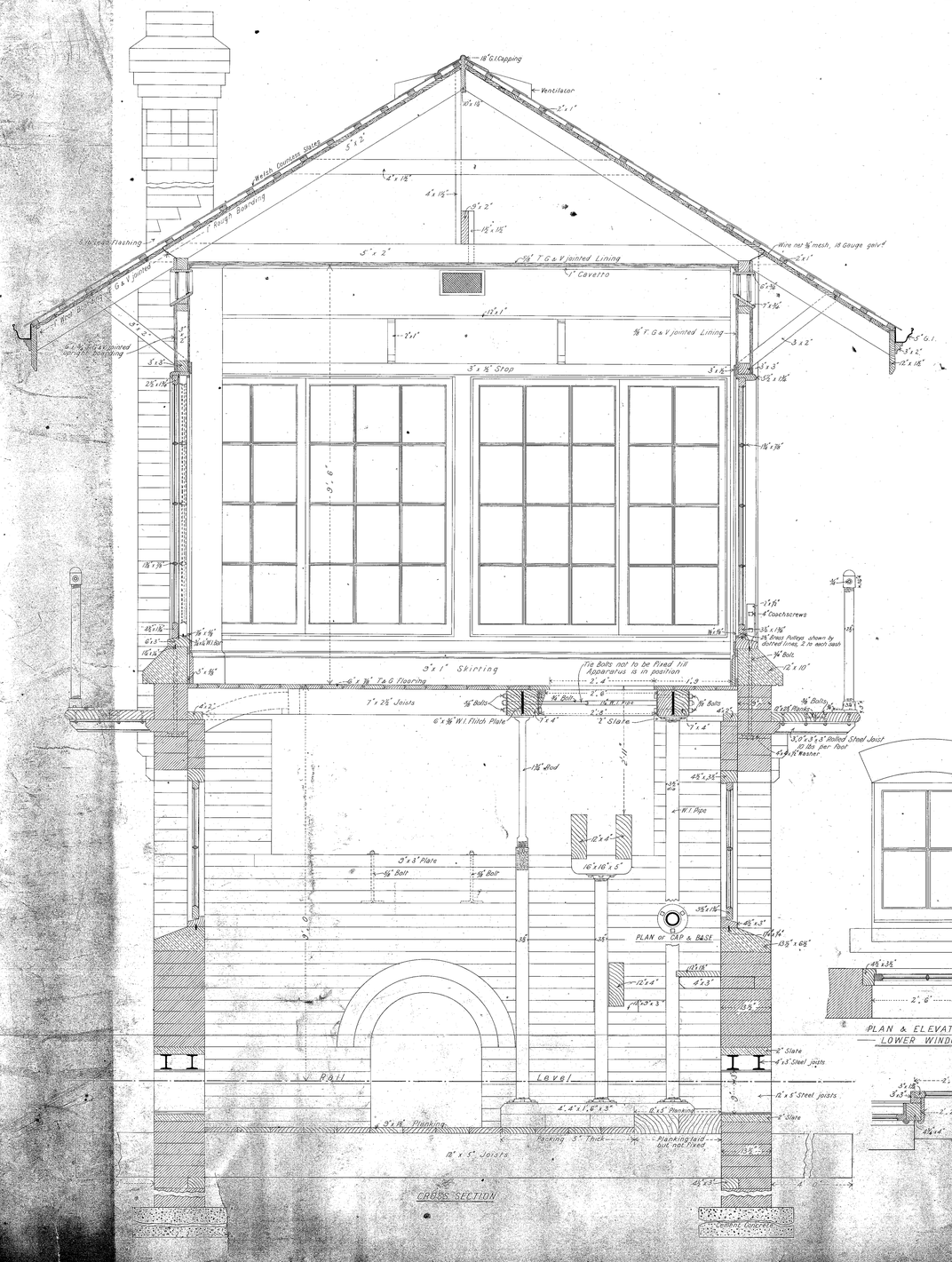
scale	drawn	date
1:50, 1:2	k.b.	aug' 89

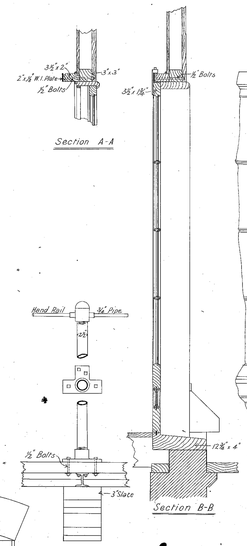
drawing number	revision
203·A·102	

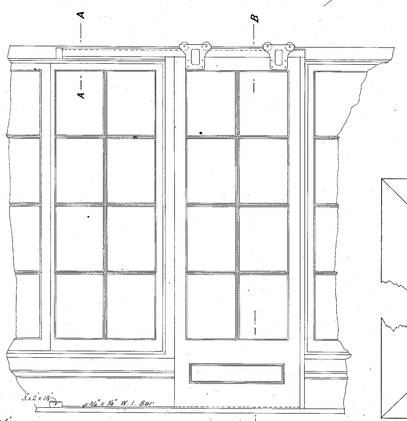
VICTORIAN RAILWAYS
CENTRAL RAILWAY STATION
— AT —
FLINDERS STREET
SIGNAL BOX "B"

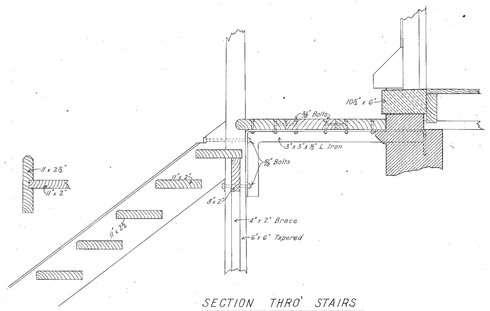
Scale 1 Foot to an inch

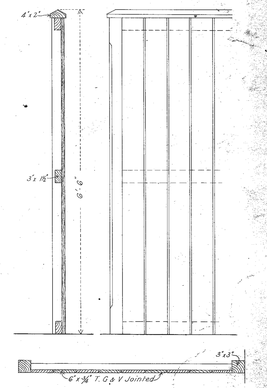
CONTRACT Nº 9690
Nº 2

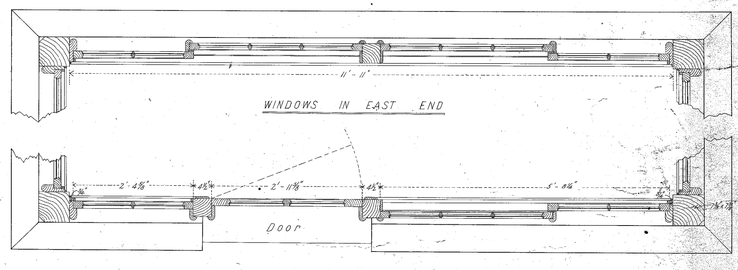


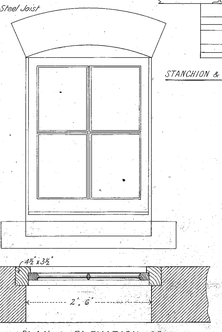


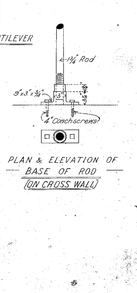


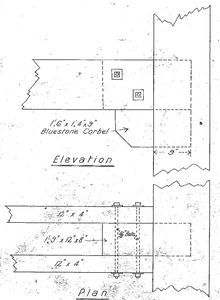


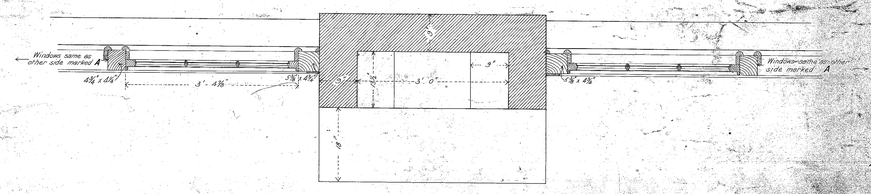


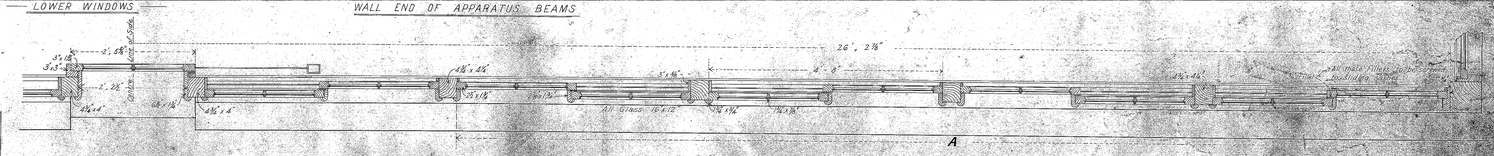








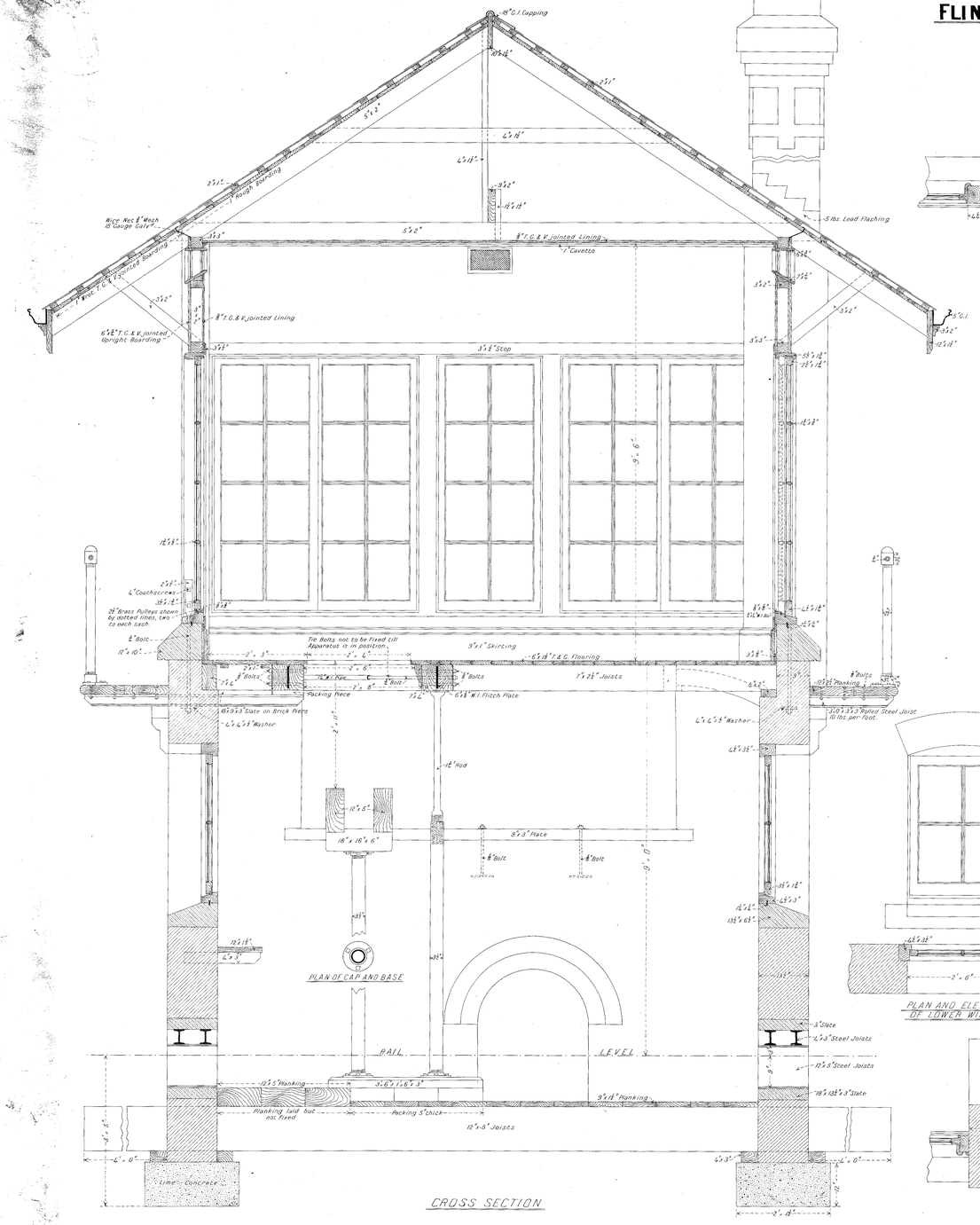




RAILWAY DEPARTMENT, MELBOURNE, OCT. 1904.

VICTORIAN RAILWAYS
FLINDERS STREET NEW STATION
SIGNAL BOX "C"
Scale 1 Foot to an Inch

CONTRACT Nº 10247
Nº 2



RAILWAY DEPARTMENT MELBOURNE OCT. 1901

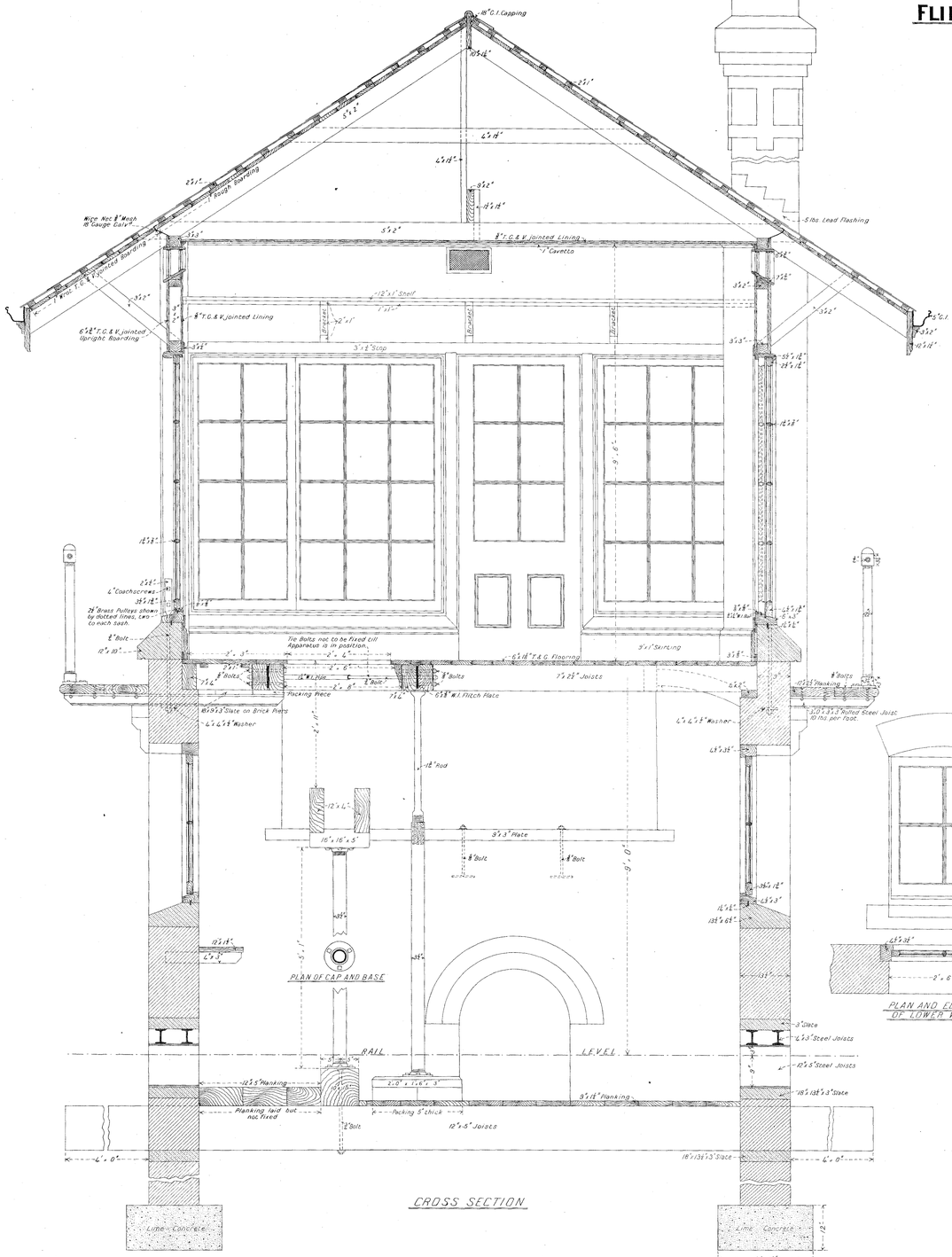
VICTORIAN RAILWAYS

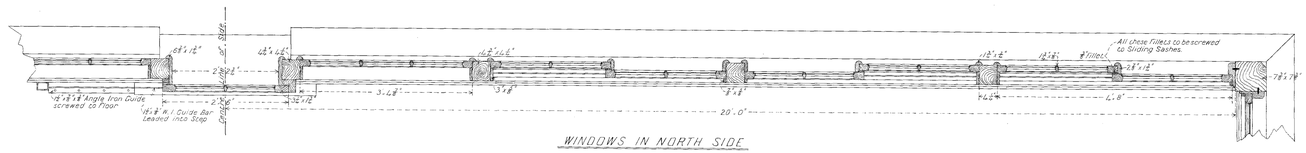
FLINDERS STREET NEW STATION

SIGNAL BOX "D"

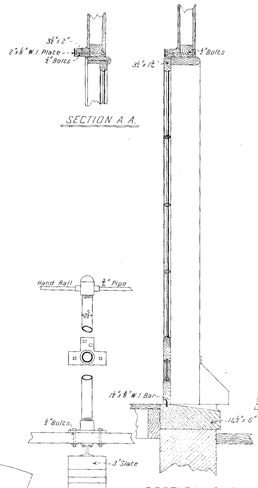
Scale 1 Foot to an Inch

CONTRACT Nº 11413
Nº 2





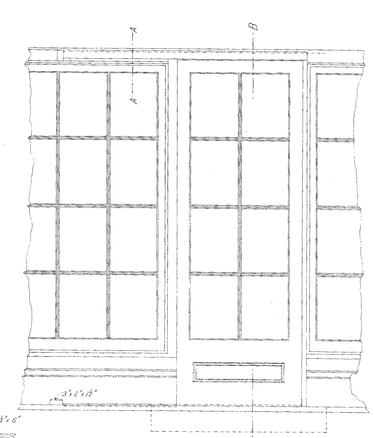
WINDOWS IN NORTH SIDE



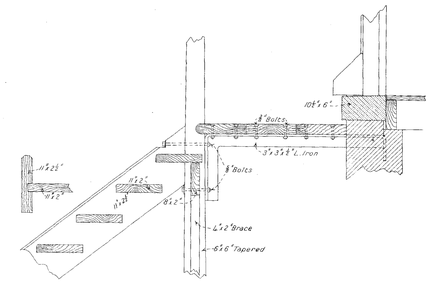
SECTION A.A.

SECTION B.B.

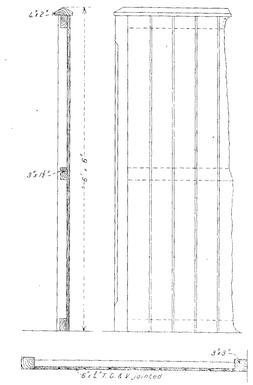
STANCHION



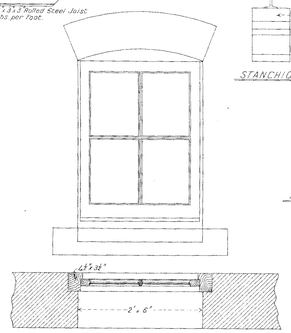
SLIDING DOOR IN SIDE



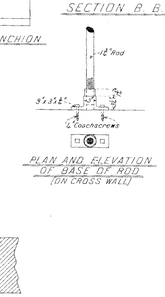
SECTION THRO STAIRS



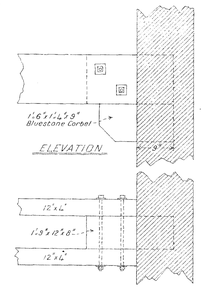
SCREEN TO CLOSET



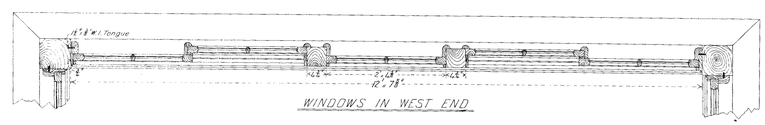
PLAN AND ELEVATION OF LOWER WINDOWS



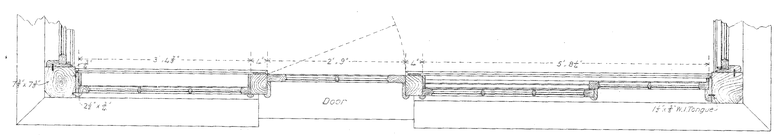
PLAN AND ELEVATION OF BASE OF ROD (ON CROSS WALL)



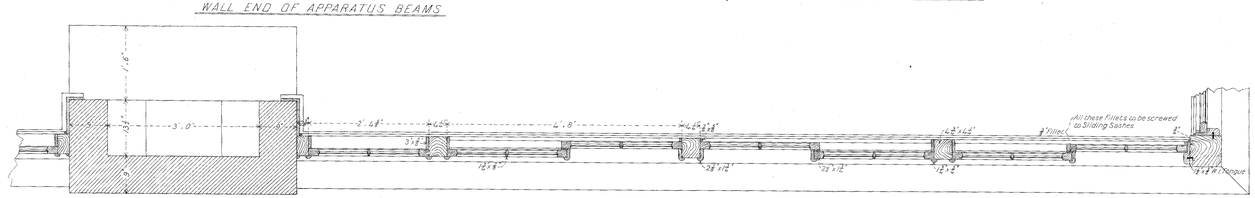
WALL END OF APPARATUS BEAMS



WINDOWS IN WEST END



WINDOWS IN ENTRANCE END



WINDOWS AND FIREPLACE IN SOUTH SIDE

RAILWAY DEPARTMENT MELBOURNE JULY 1902

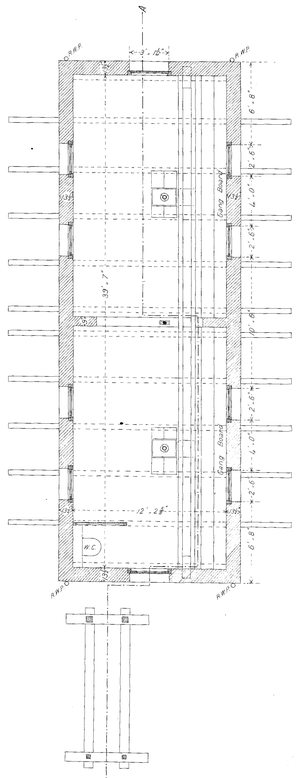
VICTORIAN RAILWAYS

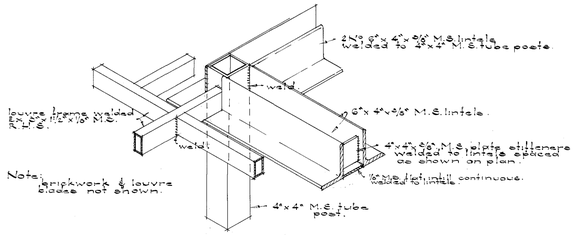
FLINDERS STREET NEW STATION

SIGNAL BOX "D"

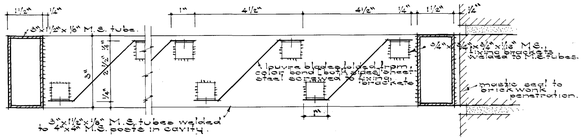
Scale 4 Feet to an Inch

CONTRACT Nº 11413
Nº 1

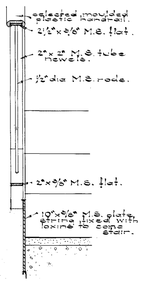

A
A
Ramp
Ramp
Ramp



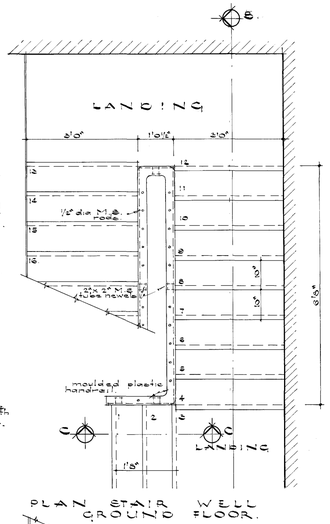
ISOMETRIC DETAIL AT A.
scale: 1½" = 1'0"



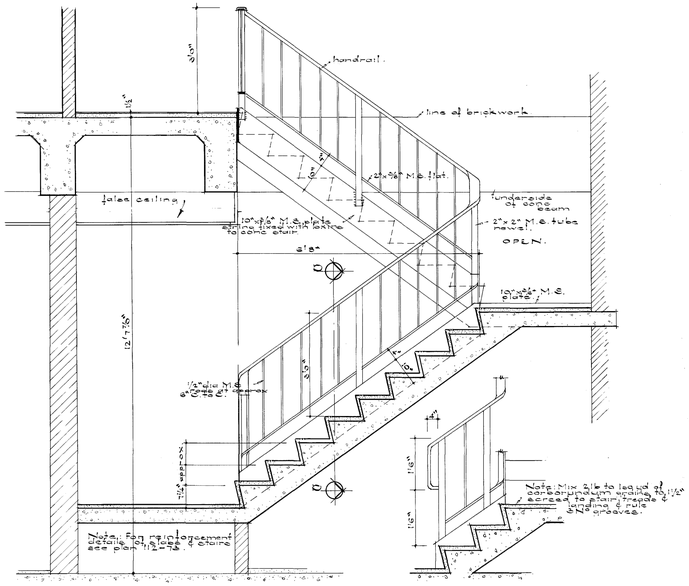
PART DETAIL OF SUN SHADE. scale: ½ full size.



DETAIL SECTION O.O
scale: 1½" = 1'0"

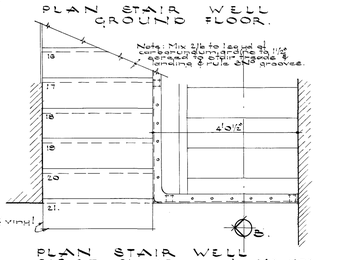


PLAN STAIR WELL GROUND FLOOR.

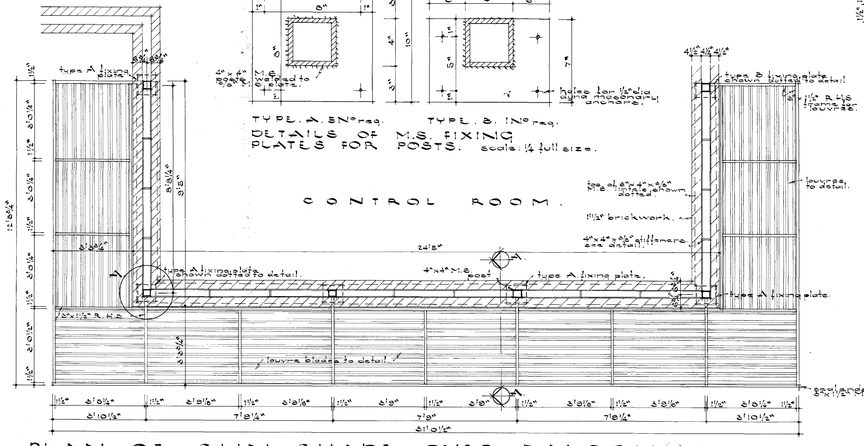


SECTION. B.B.

SECTION. C.C.

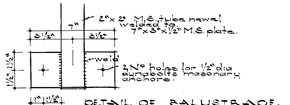


PLAN STAIR WELL FIRST FLOOR. scale: ¾" = 1'0"

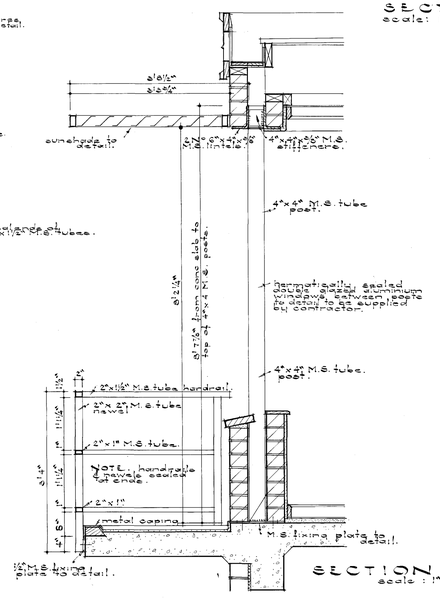


PLAN OF SUN SHADE OVER BALCONY.

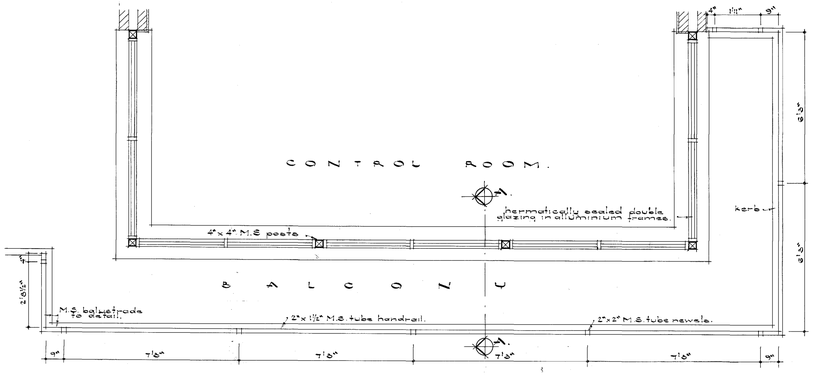
DETAILS OF M.S. FIXING PLATES FOR POSTS. scale: ¼ full size.



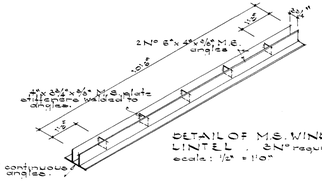
DETAIL OF BALUSTRADE FIXING. scale: 6" = 1'0"



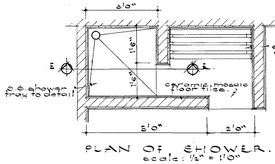
SECTION A.A.
scale: 1½" = 1'0"



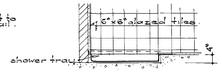
PLAN OF BALCONY BALUSTRADING. scale: ½" = 1'0"



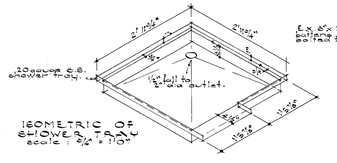
DETAIL OF M.S. WINDOW LINTEL. 6 No required.
scale: 1½" = 1'0"



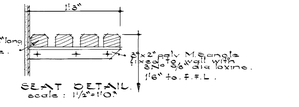
PLAN OF SHOWER.
scale: ½" = 1'0"



SECTION. E.E.



ISOMETRIC OF SHOWER TRAY.
scale: 6" = 1'0"



SEAT DETAIL
scale: 1½" = 1'0"

REV No.	DATE	REVISION DESCRIPTION	REVISED BY	AUTHORITY	V.R. MCR	PRIME CONSULTANT	CONSULTANT

VICTORIAN RAILWAYS
APPROVALS
ENGINEERING OFFICE
ARCHITECTS' DIVISION
APPROVED
DESIGNED BY ... DRAWN BY R.B.
CHECKED FOR
GEOMETRY BY ... DIMENSIONS BY ...
STRENGTH & STABILITY BY ...
ENGINEER OF PLANNING

PRIME CONSULTANT
JOHN CONNELL - MOTT, HAY & ANDERSON.
HATCH, JACOBS.
CHECKED FOR
FUNCTION BY ... DATE
ADEQUACY BY ... DATE
RECOMMENDED
BY ... DATE
NOTED FOR SCHEDULING ... DATE

REVIEW NOTE PREPARED
BY ... DATE
NOTE No. ... TO AUTHORITY

PLANNING FINANCING AND CONSTRUCTING AUTHORITY
MELBOURNE UNDERGROUND RAIL LOOP AUTHORITY
DRAWING ACCEPTED PER CONSULTING AGREEMENT
EXECUTIVE OFFICER ... GENERAL MANAGER & CHIEF ENGINEER ... CHIEF CIVIL ENGINEER
MELBOURNE UNDERGROUND RAIL LOOP
TITLE EAST MELBOURNE. FLINDERS ST JUNCTION. NEVE SIGNAL BOX & RELAY ROOM. DETAIL SHEET 2.
DRG No 8359 252/72 REV
SCALE AS SHOWN
DATE
PAGE A64

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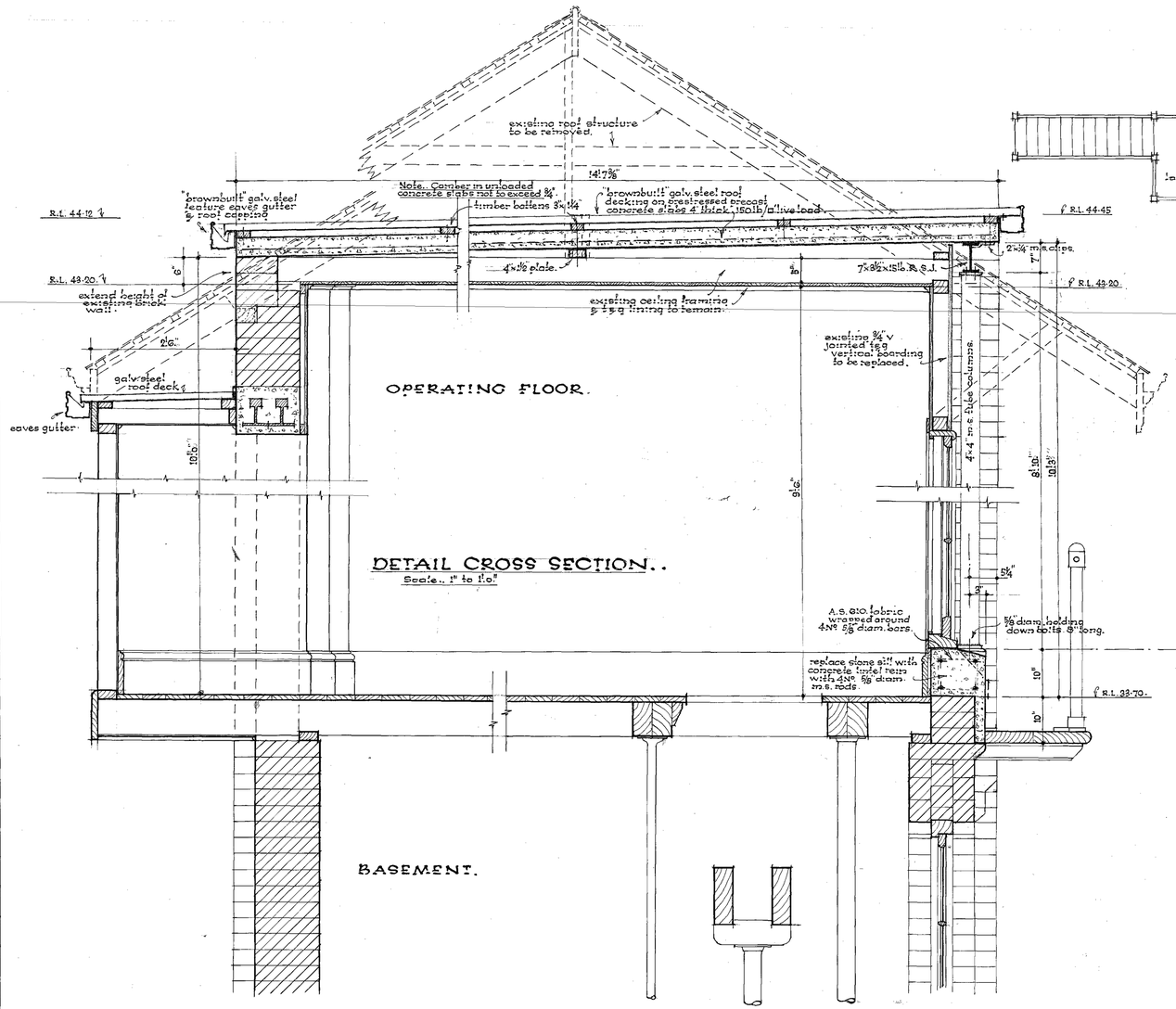
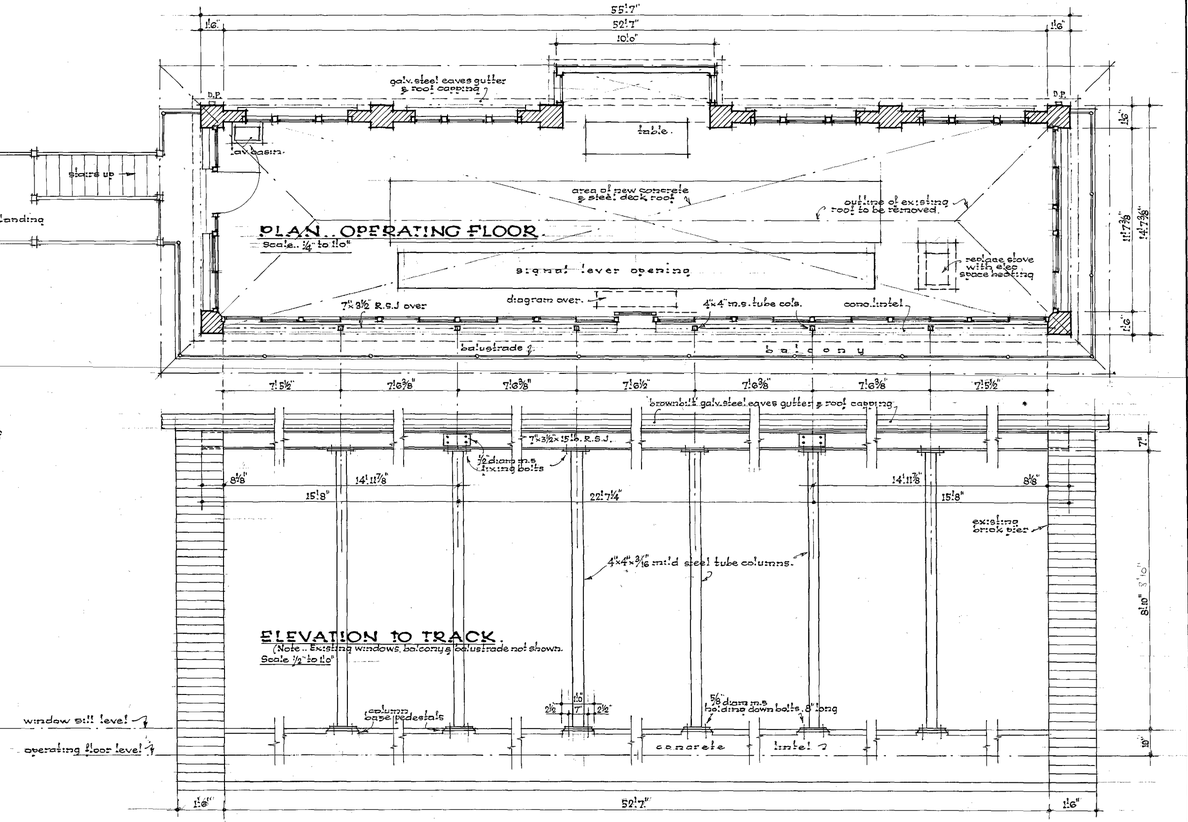
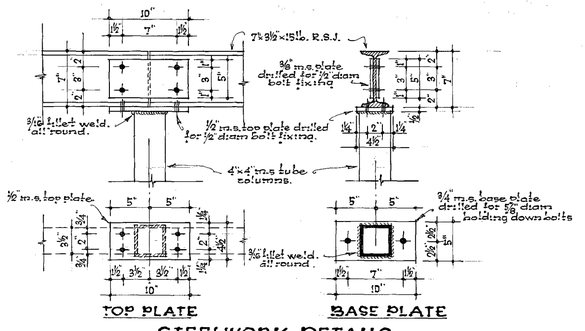






R.W.W.
Engr. of Structural Design.

Kelt
Signal & Telegraph Engr.

revision	date	description	amend. by

V.R.

FLINDERS ST. YARD.
PROPOSED RE-ROOFING OF 'E' SIGNAL BOX.

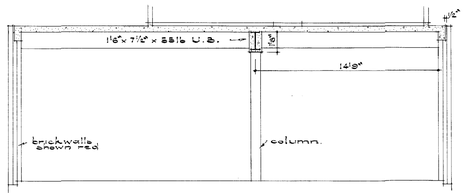
Scales.. ¼", ½", 1" & 1½" to 1'0"

J. S. & W. B.R.D.
chief civil engineer.

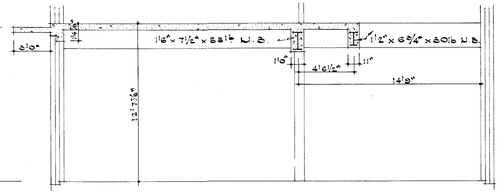
drawn	traced	check	corres	
			7/7/70	senior architect.

B.348. Plan No. A.64. 548/70.

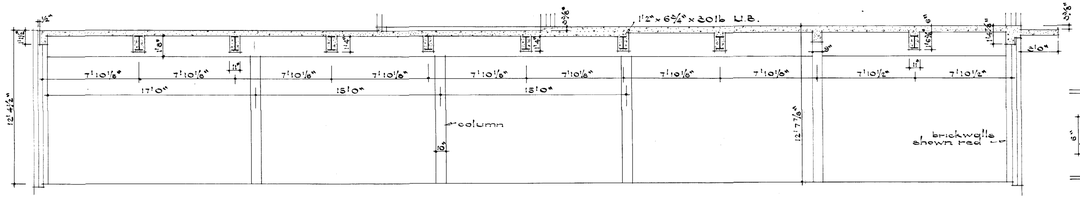
348



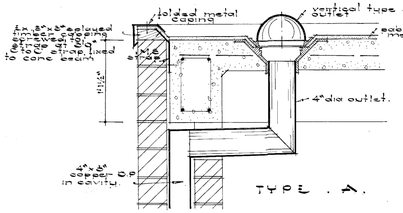
SECTION . B.B.



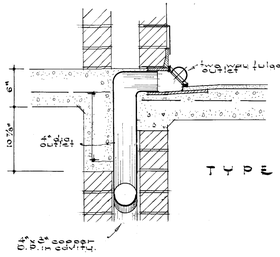
SECTION . C.C.



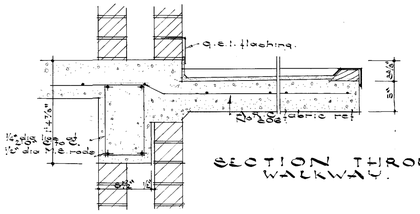
SECTION A.A.



TYPE . A.

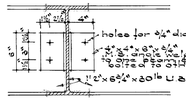


TYPE . B.

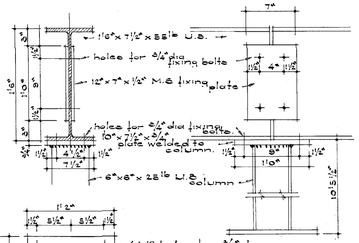


SECTION THROUGH WALKWAY.

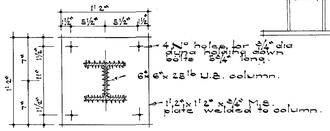
DETAILS OF RAINWATER OUTLETS . scale : 1½" = 1'0"



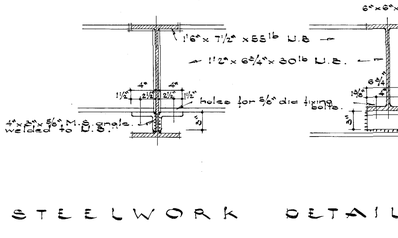
DETAIL OF FIXING 2 No 11'2" x 6¾" U.B. AT X.



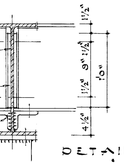
Note:
All bolts to be ¾" dia.



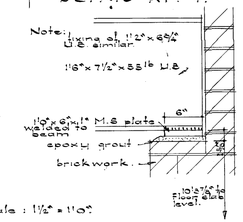
PLAN OF BASE PLATE.

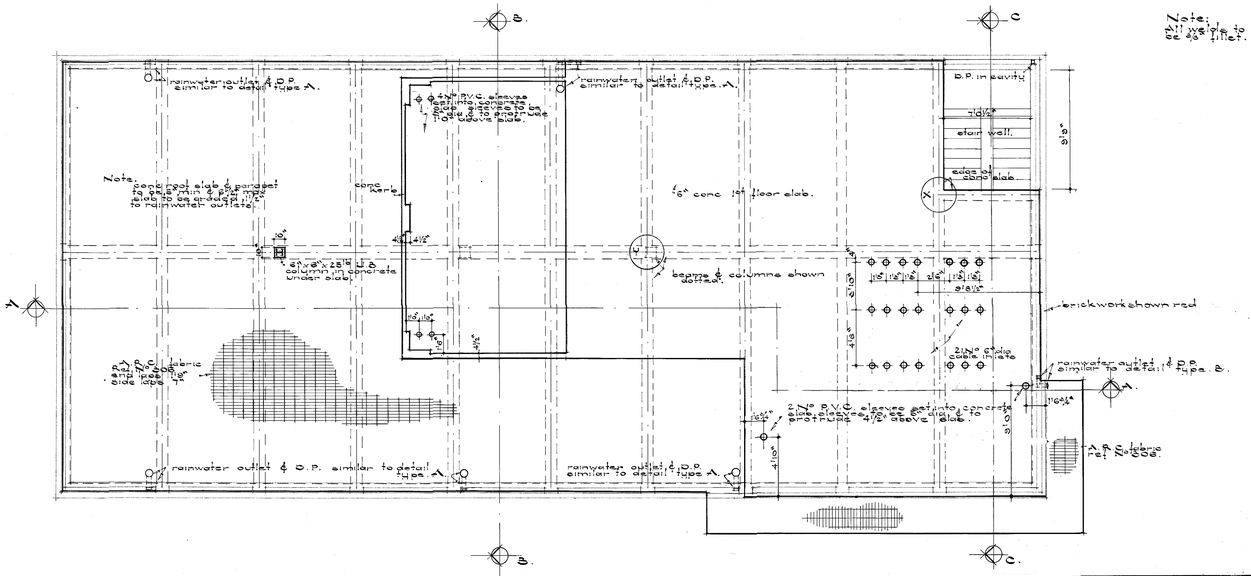


STEELWORK DETAILS . scale : 1½" = 1'0"

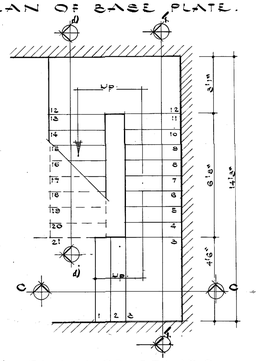


DETAIL AT Y.

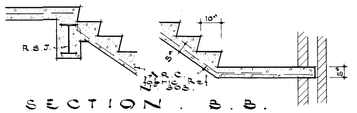




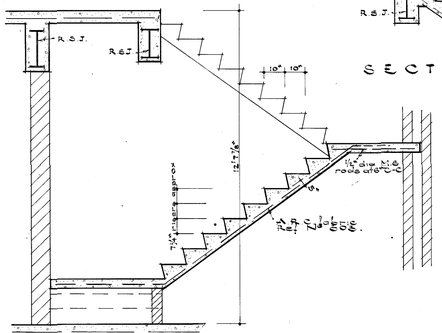
PLAN OF ROOF SLAB LEVEL & FIRST FLOOR LEVEL scale: 1/4" = 1'0"



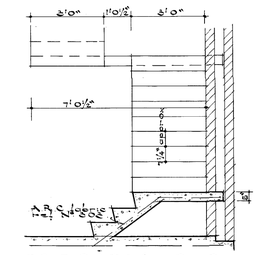
PLAN OF STAIRS . scale: ⅜" = 1'0"



SECTION . B.B.



SECTION . A.A. scale: ½" = 1'0"



SECTION . C.C.

REV	DATE	REVISION DESCRIPTION	REVISED BY	AUTHORITY	V/S / W/S	PRIME CONSULTANT	CONSULTING
A	4-73	detail 'Y' added	R.S.				
B	5-73	length of M.S. column down R.S.					
C	6-73	Revised to agree with details & Engineers requirements	R.S.				
D	9-73	ditto above	R.S.				

VICTORIAN RAILWAYS

APPROVALS

ORIGINATING OFFICE

Senior Architect. DIVISION

APPROVED

ASSIGNED BY. DRAWN BY.

CHECKED FOR

GEOMETRY BY. DIMENSIONS BY.

STRENGTH & STABILITY BY.

ENGINEER OF PLANNING

PRIME CONSULTANT

JOHN CONNELL - MOTT, HAY & ANDERSON, HATCH, JACOBS.

CHECKED FOR

FUNCTION BY. DATE

ADEQUACY BY. DATE

RECOMMENDED

BY. DATE

NOTED FOR SCHEDULING. DATE

REVIEW NOTE PREPARED

BY. DATE

NOTE No. TO AUTHORITY

PLANNING FINANCING AND CONSTRUCTING AUTHORITY

MELBOURNE UNDERGROUND RAIL LOOP AUTHORITY

DRAWING ACCEPTED PER CONSULTING AGREEMENT

EXECUTIVE OFFICER GENERAL MANAGER & CHIEF ENGINEER.

CHIEF CIVIL ENGINEER

MELBOURNE UNDERGROUND RAIL LOOP

TITLE

EAST MELBOURNE. FLINDERS ST. & YARRA NEW ELSTERNWICK & PRELAW ROOM DETAILS

DRG No. 112/72. 8257. A.64.

REV

DATE

PAGE

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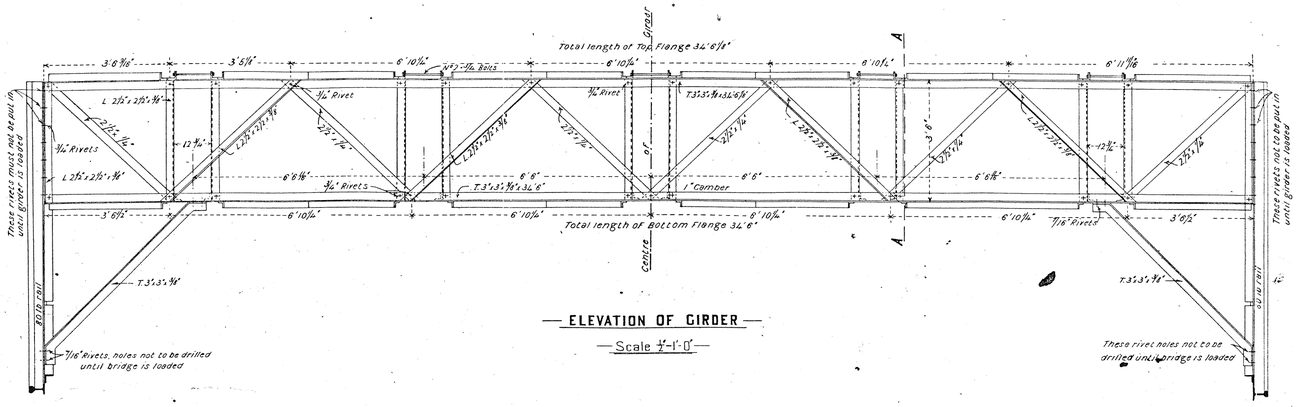
VICTORIAN RAILWAYS

FLINDERS STREET NEW STATION

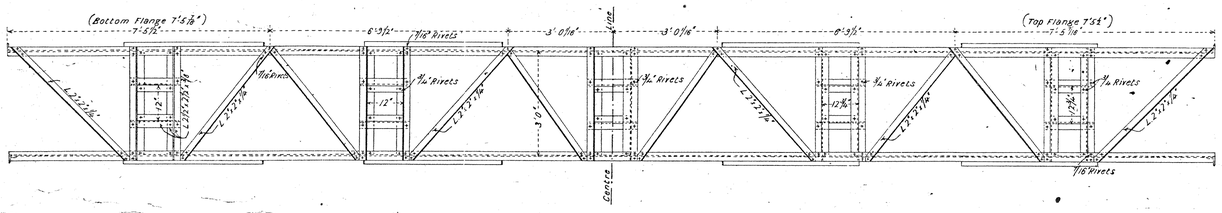
SIGNAL BRIDGE AT MARKET ST

CONTRACT No. 10190
No.



ELEVATION OF GIRDER

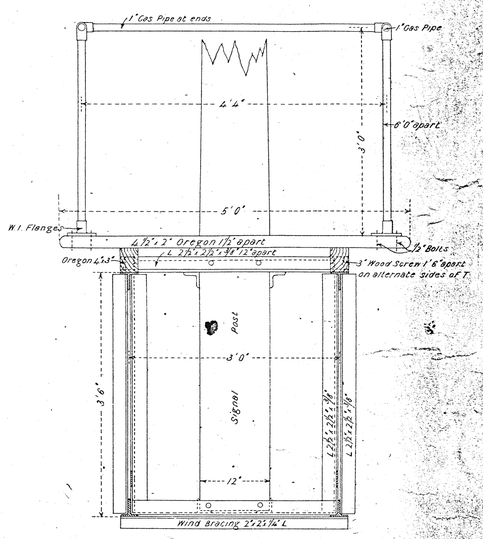
Scale 1/2"-1'-0"



HALF PLAN OF TOP FLANGE

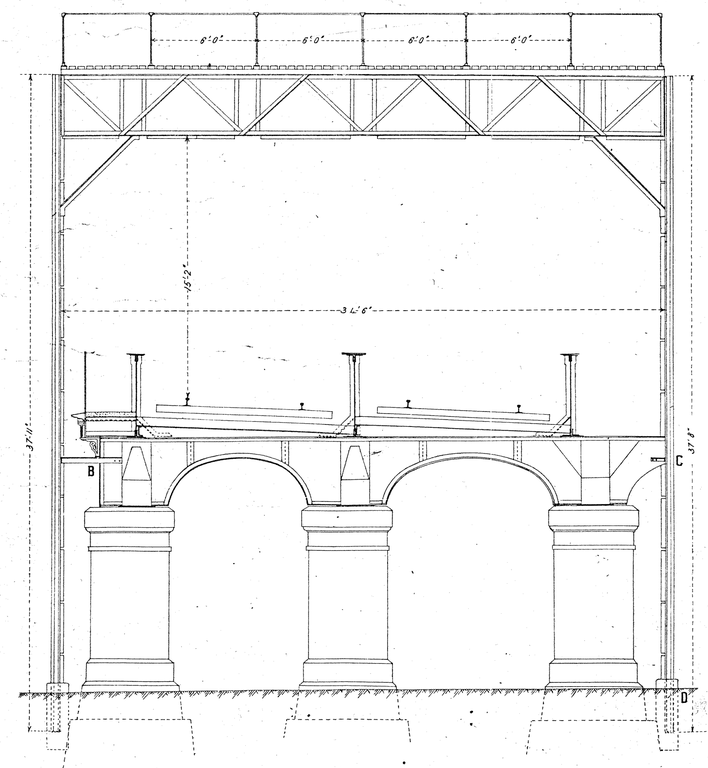
HALF PLAN OF BOTTOM FLANGE, LOOKING UP

Scale 1/2"-1'-0"

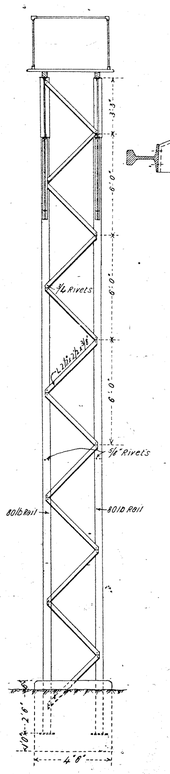


SECTION A.A.

Scale 1"-1'-0"

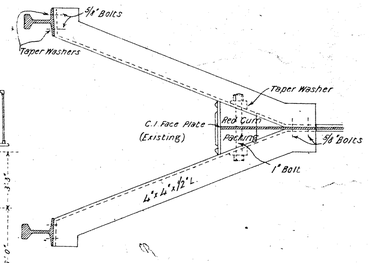


ELEVATION

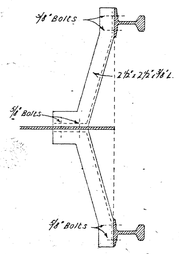


ELEVATION OF PIER TO RAILWAY

Scale 1/4"-1'-0"

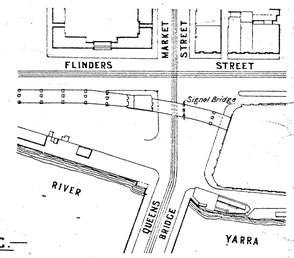


PLAN-DETAIL AT B.



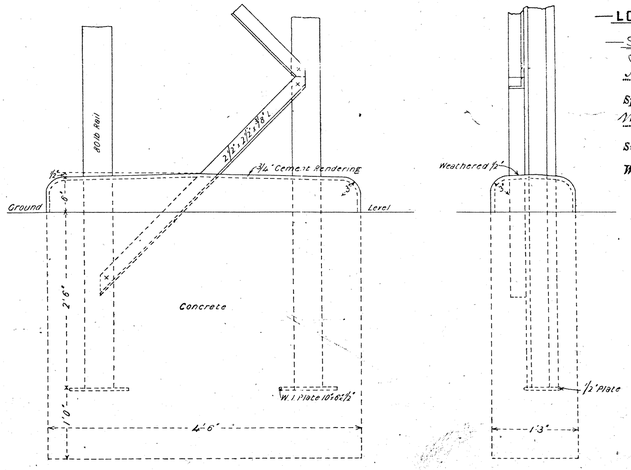
PLAN-DETAIL AT C.

Scale 1"-1'-0"



LOCALITY PLAN

Scale 160 Ft-1 In



DETAIL AT D.

I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 4th day of November 1901.

Signature of Contractor [signature]

Witness to Signature [signature]

Date 20/11/01

17.10.01

17.10.01

CHIEF ENGINEER FOR EXISTING LINES' OFFICE
CONTRACT No. 10190
EXHIBITED IN THE CONTRACTORS' ROOM
From 19.10.01 to 4.11.01
By [signature]
RAILWAY DEPARTMENT

RAILWAY DEPARTMENT MELBOURNE SEP 1901

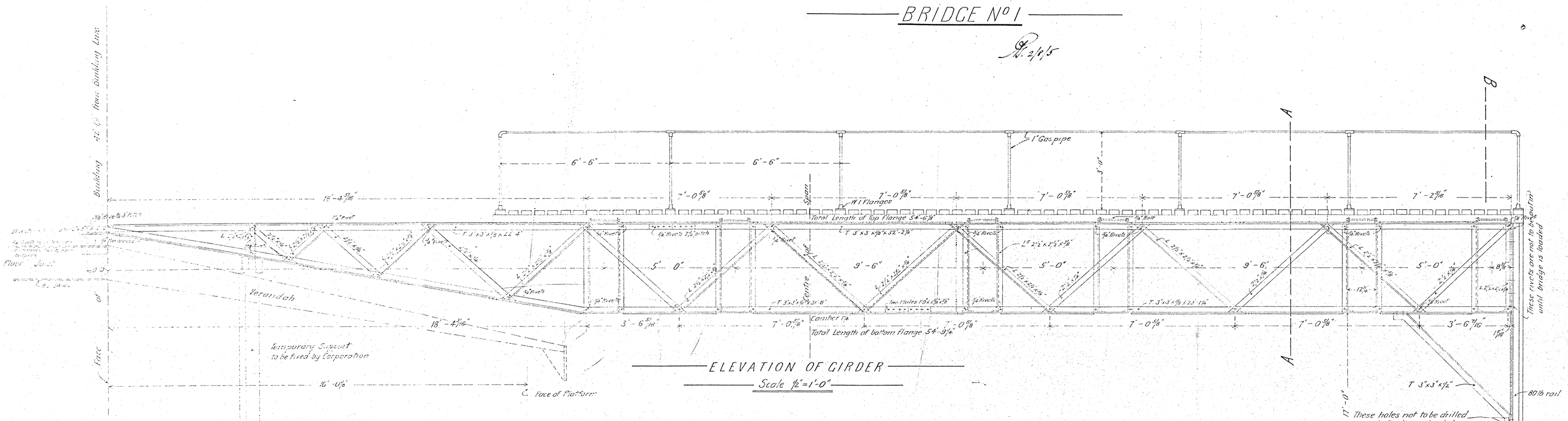
V. R.

FLINDERS STREET NEW STATION

SIGNAL BRIDGES AT WEST ENTRANCE

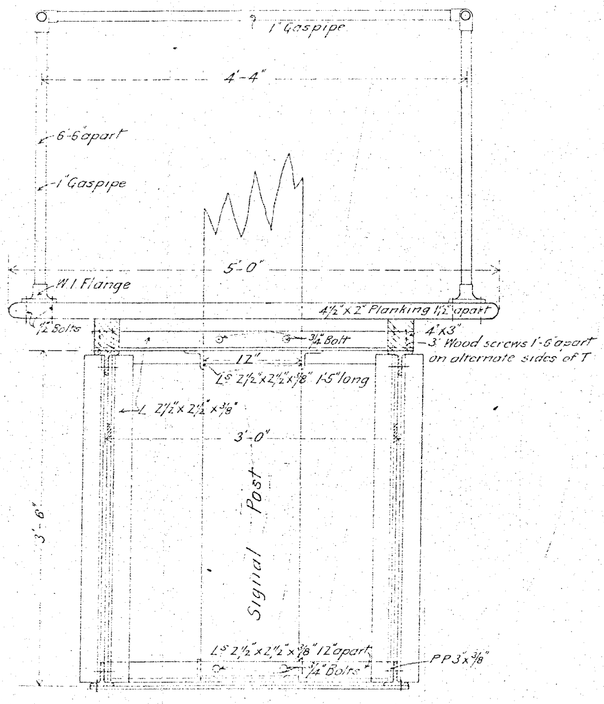
BRIDGE No 1

A. 2/1/5



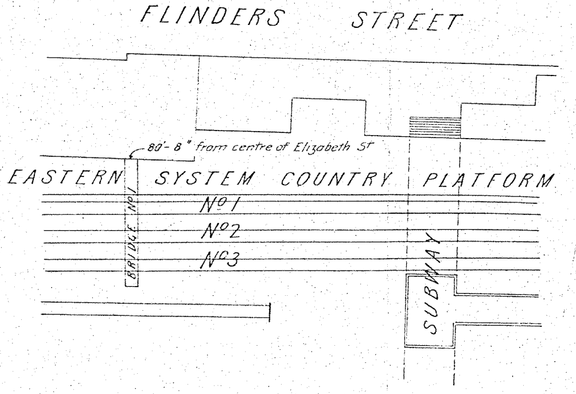
ELEVATION OF GIRDER

Scale ½"=1'-0"



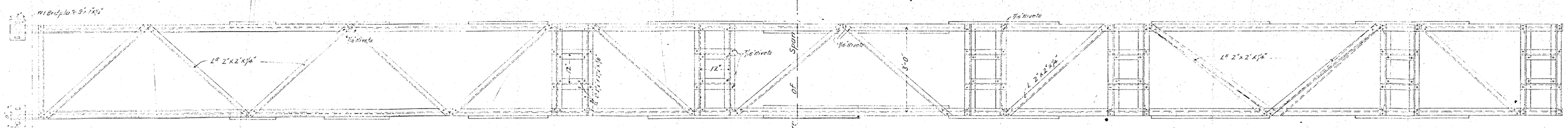
SECTION A.A.

Scale 1"=1'-0"



LOCALITY PLAN

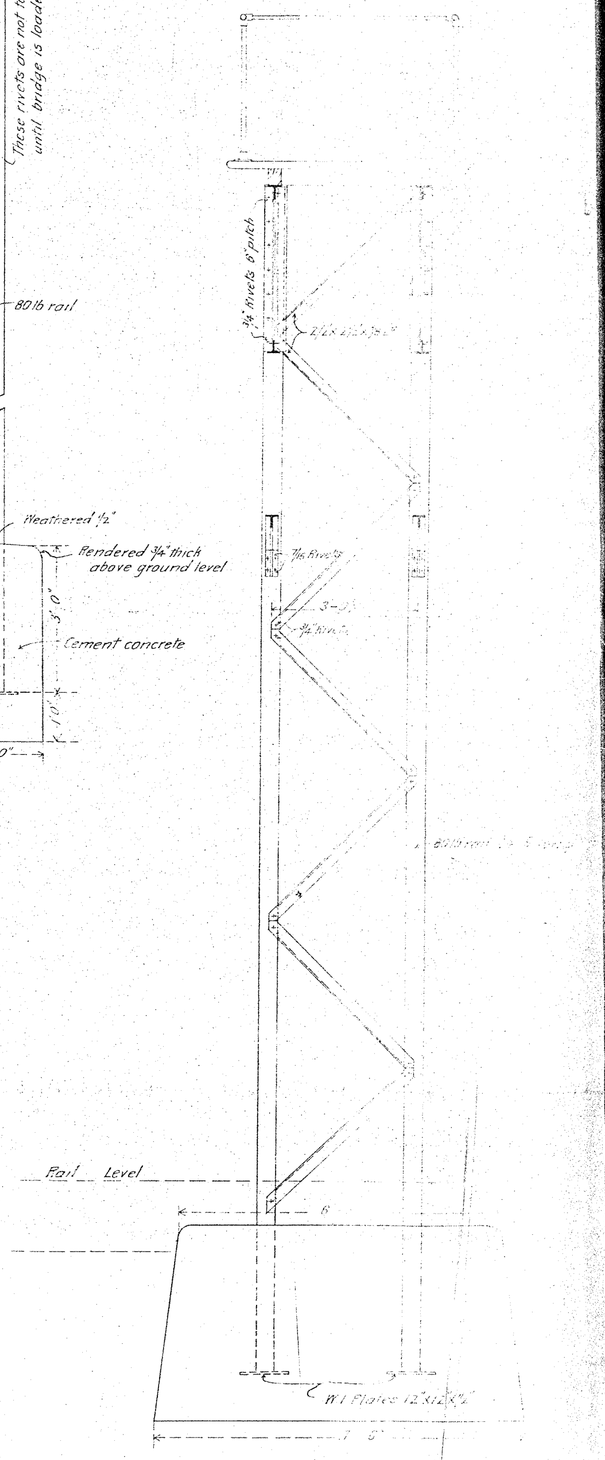
Scale 40ft = 1 inch



HALF PLAN OF BOTTOM FLANGE (looking up)

HALF PLAN OF TOP FLANGE

Scale ½"=1'-0"



SECTION B.B.

Scale ½"=1'-0"

V. R.

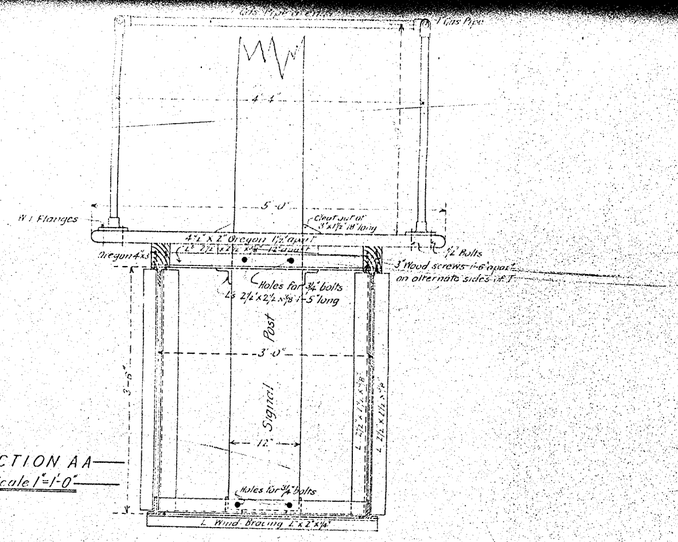
FLINDERS STREET NEW STATION

SIGNAL BRIDGES AT WEST ENTRANCE

CONTRACT Nº 14357

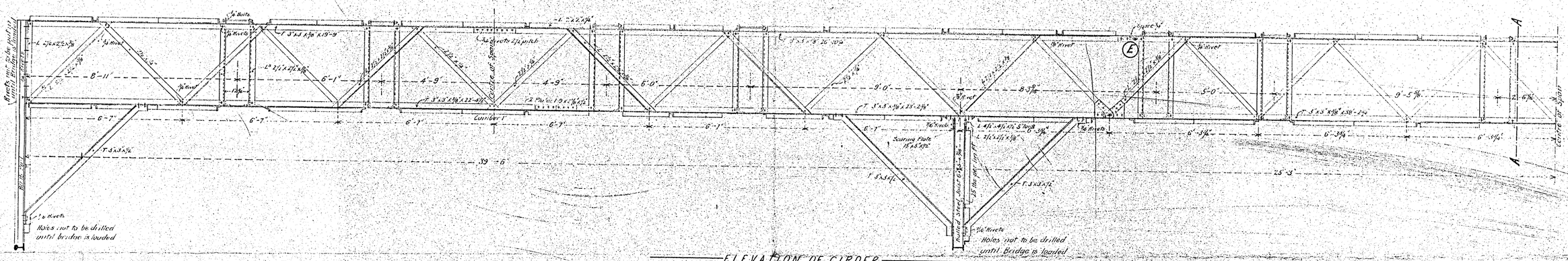
BRIDGE Nº 2

NOTE. Wind Bracing shown dotted applies to Top Flange

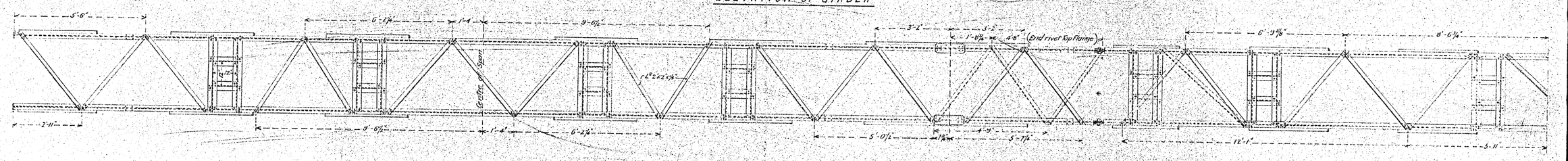


SECTION AA

Scale 1"=1'-0"

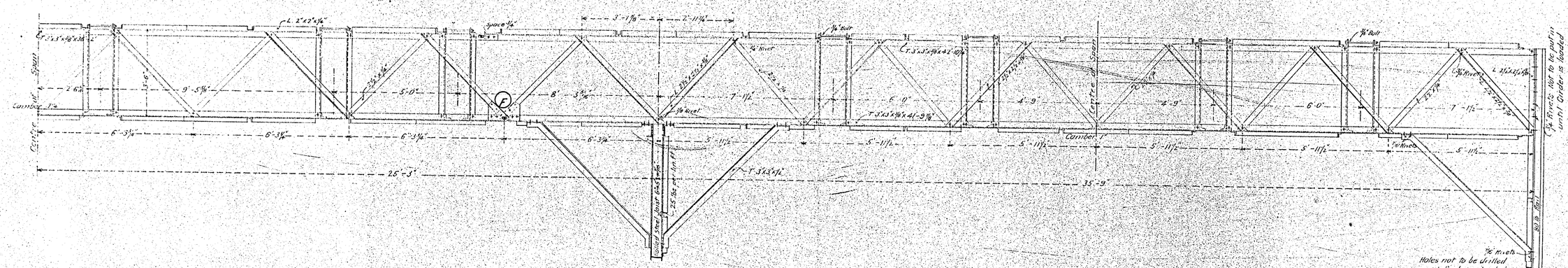


ELEVATION OF GIRDER

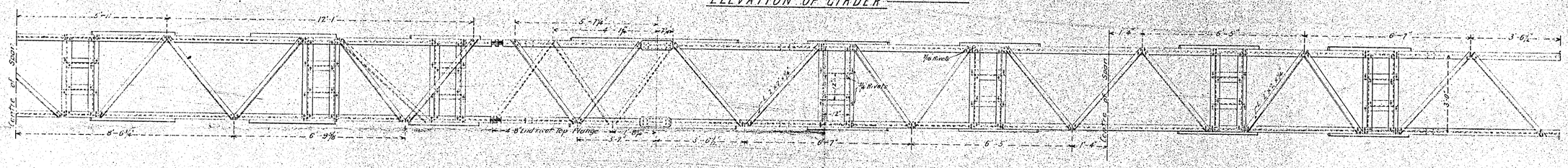


PLAN OF BOTTOM FLANGE LOOKING UP

Scale ½"=1'-0"



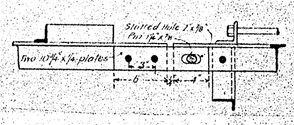
ELEVATION OF GIRDER



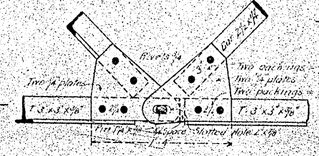
PLAN OF BOTTOM FLANGE LOOKING UP

Scale ½"=1'-0"

AT E



Scale 1½"=1'-0"



AT F

148-03

SECTION CC

Scale ¾"=1'-0"

SECTION DD

Scale ¾"=1'-0"

SECTION BB

Scale ¾"=1'-0"

ELEVATION BRIDGE Nº 2

Scale ¼"=1'-0"

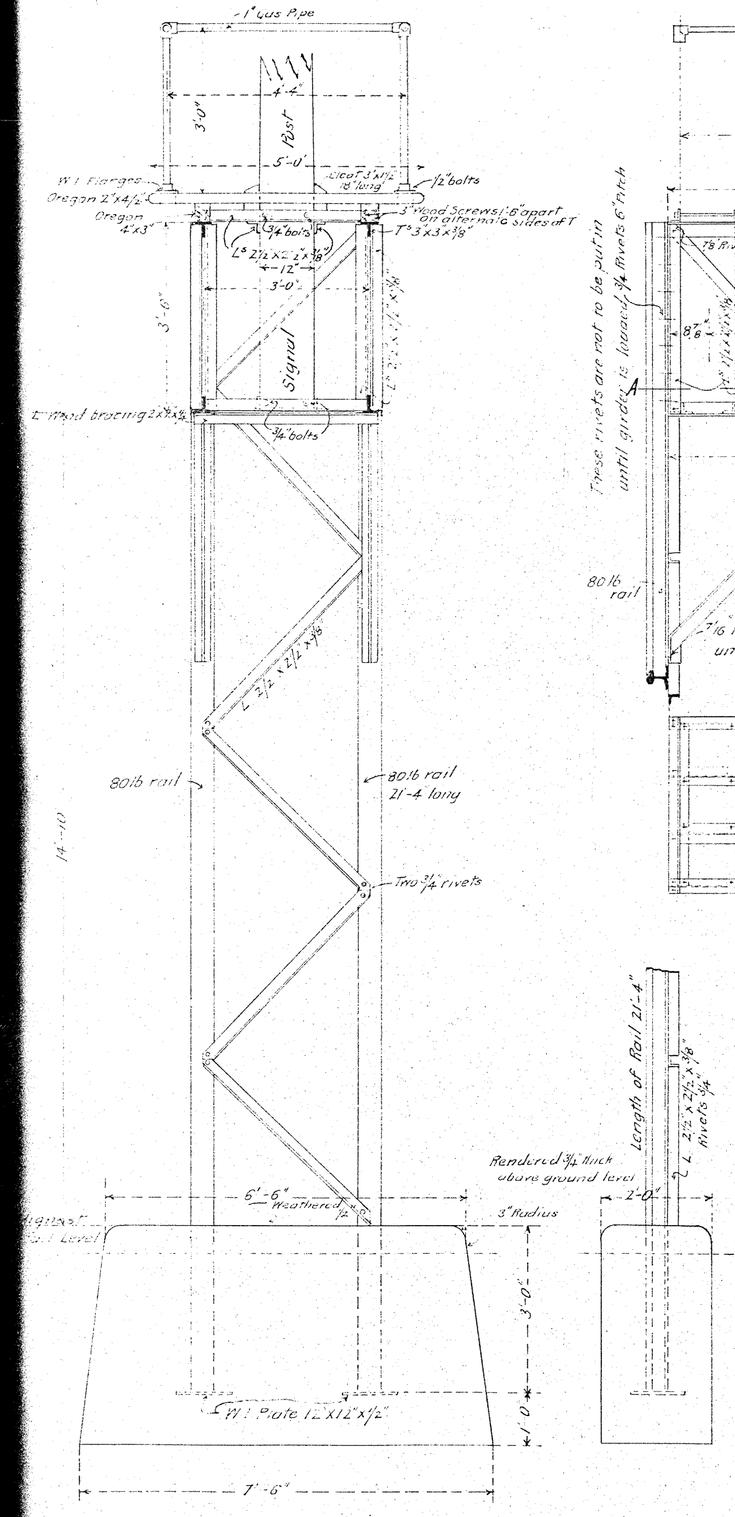
V. 11.

FLINDERS STREET NEW STATION

SIGNAL BRIDGES AT WEST ENTRANCE

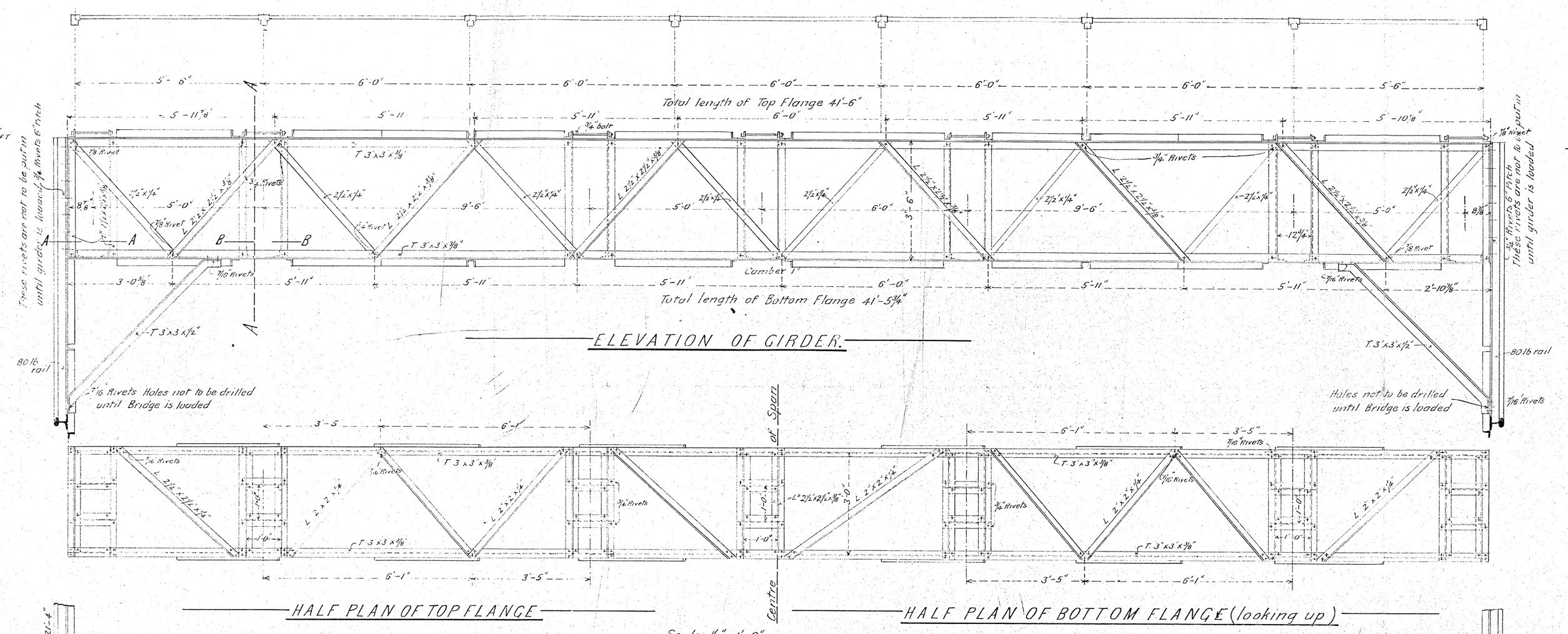
BRIDGE Nº3

CONTRACT Nº 14357



SECTION AA

Scale ½"=1'-0"

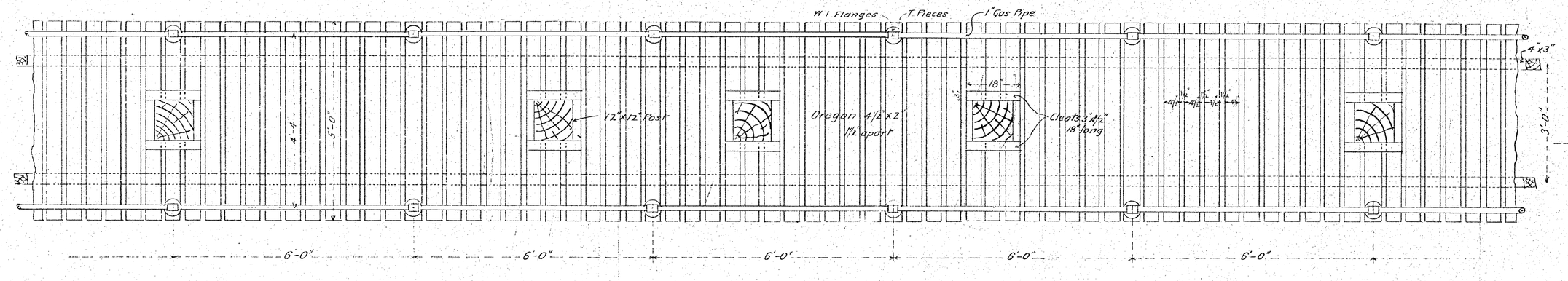


ELEVATION OF GIRDER.

HALF PLAN OF TOP FLANGE

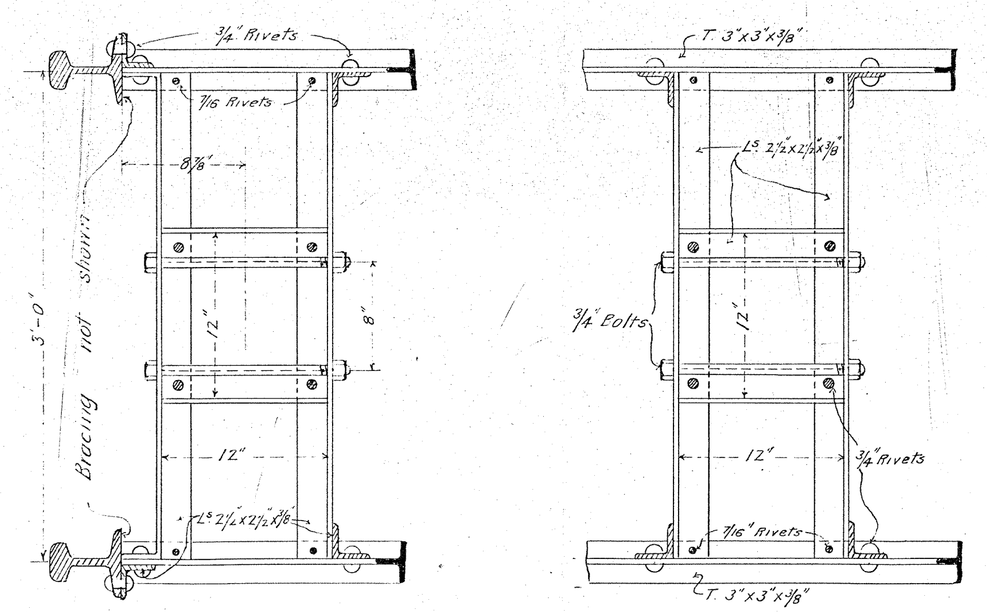
HALF PLAN OF BOTTOM FLANGE (looking up)

Scale ½"=1'-0"



PART PLAN OF DECKING

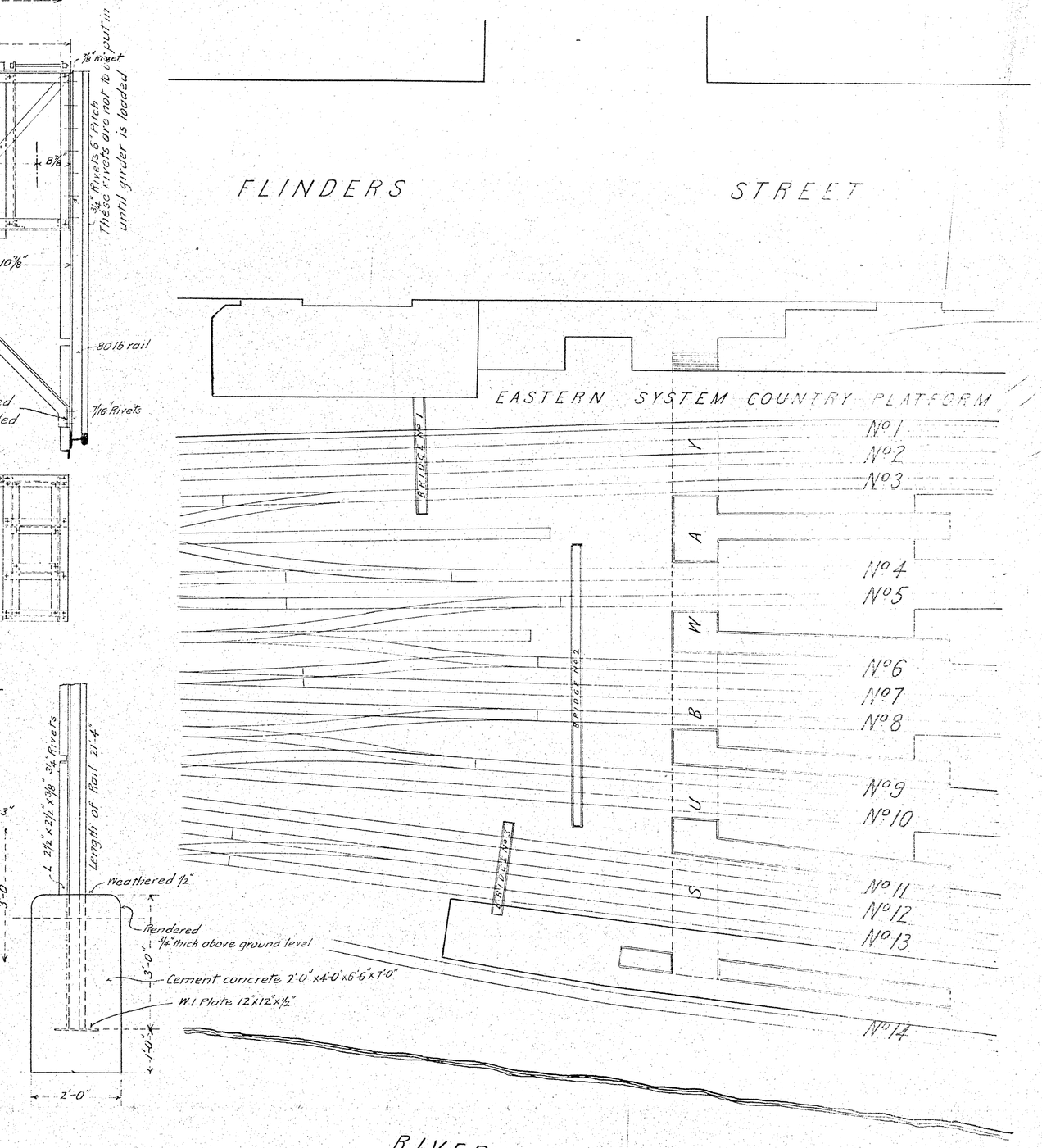
Scale ½"=1'-0"



PLAN AT AA

PLAN AT BB

1½"=1'-0"



LOCALITY PLAN

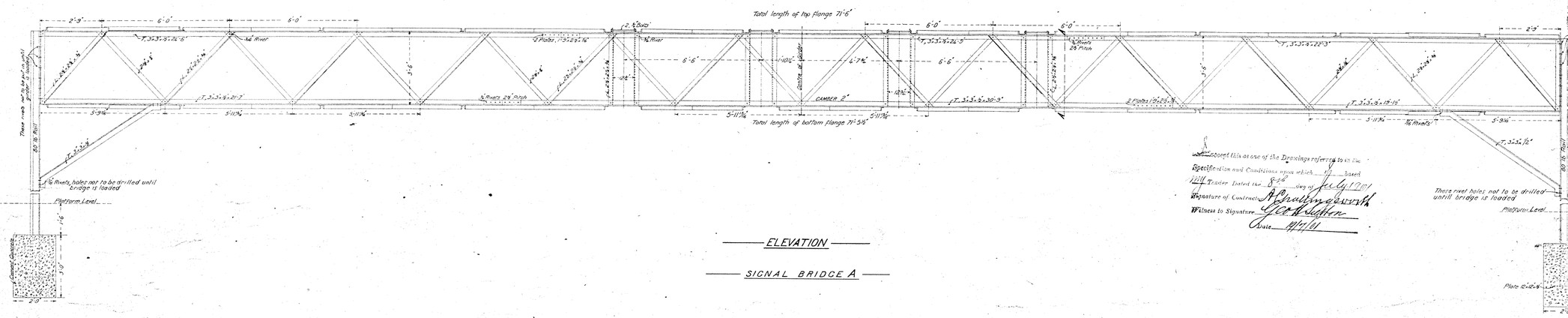
Scale 40Ft=1inch

VICTORIAN RAILWAYS

FLINDERS STREET NEW STATION

—SIGNAL BRIDGES—
—Platforms Nº9 & Nº10—

CONTRACT Nº 10000
Nº



Accept this as one of the Drawings referred to in the Specification and Conditions upon which my Tender Dated the 8-6 day of July 1901

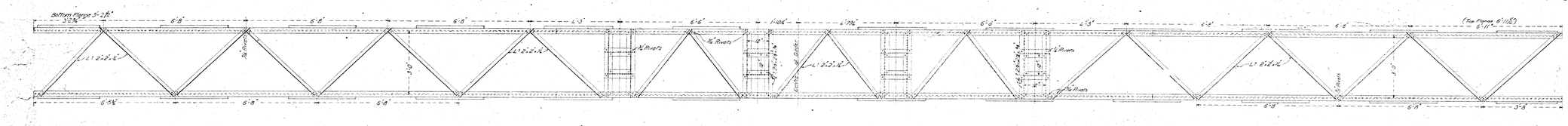
Signature of Contractor A Shallingsworth

Witness to Signature Geo H Sutton

Date 10/7/01

—ELEVATION—

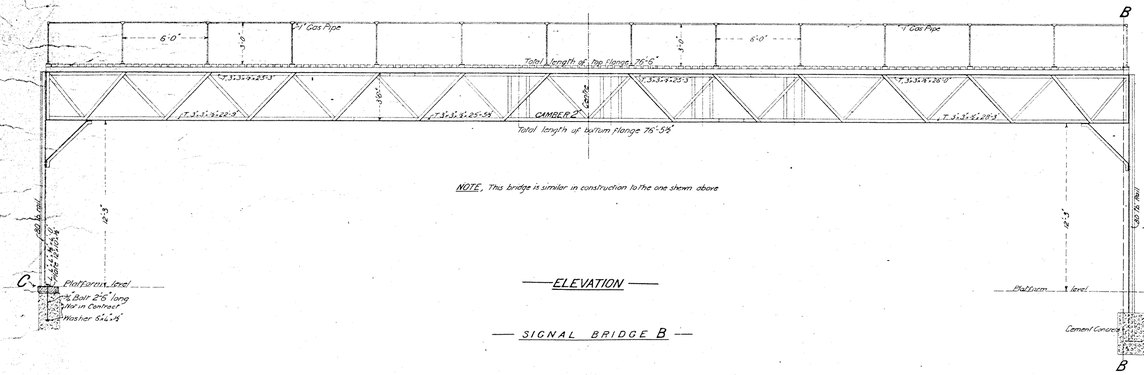
—SIGNAL BRIDGE A—



—HALF PLAN OF TOP FLANGE—

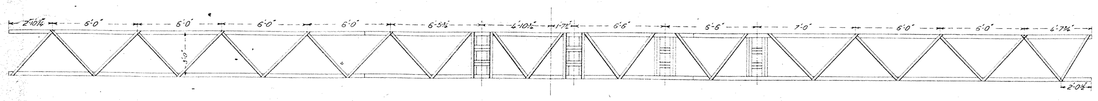
—HALF PLAN OF BOTTOM FLANGE LOOKING UP—

—SCALE ¼"=1'-0"—



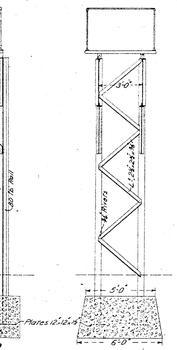
—ELEVATION—

—SIGNAL BRIDGE B—

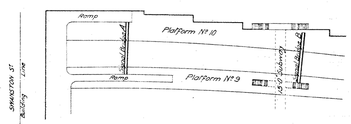


—HALF PLAN OF TOP FLANGE—

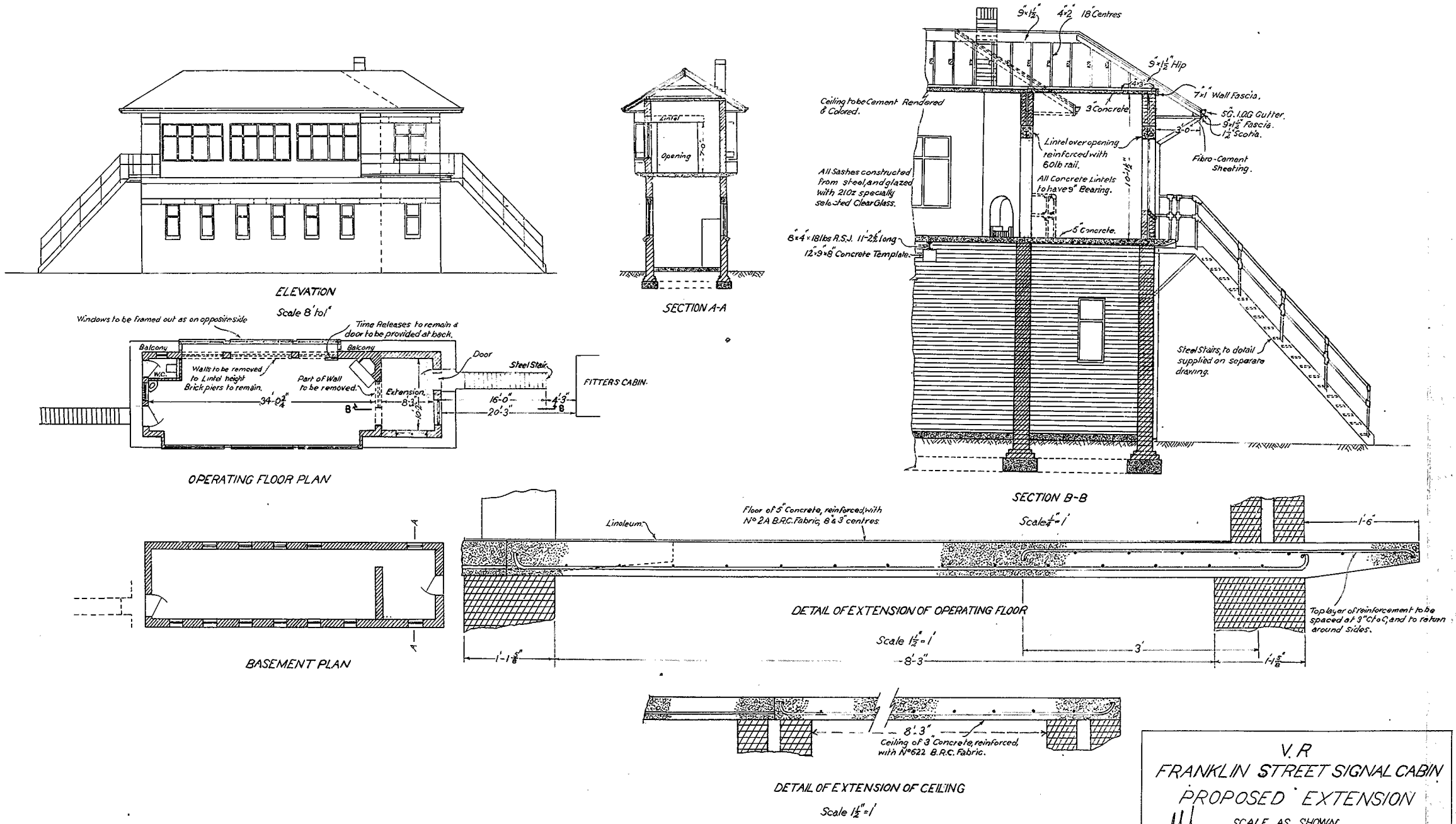
—SCALE ¼"=1'-0"—



—SECTION BB—


Ramp
Platform Nº10
Platform Nº9
Ramp
Station Building
Shelter on Platform Nº9
Shelter on Platform Nº10
Stairs to Platform Nº9
Stairs to Platform Nº10
Stairs to Platform Nº10
Stairs to Platform Nº9
Stairs to Platform Nº10
Stairs to Platform Nº9
Stairs to Platform Nº10
Stairs to Platform Nº9

3W.Fs. T.K.K.

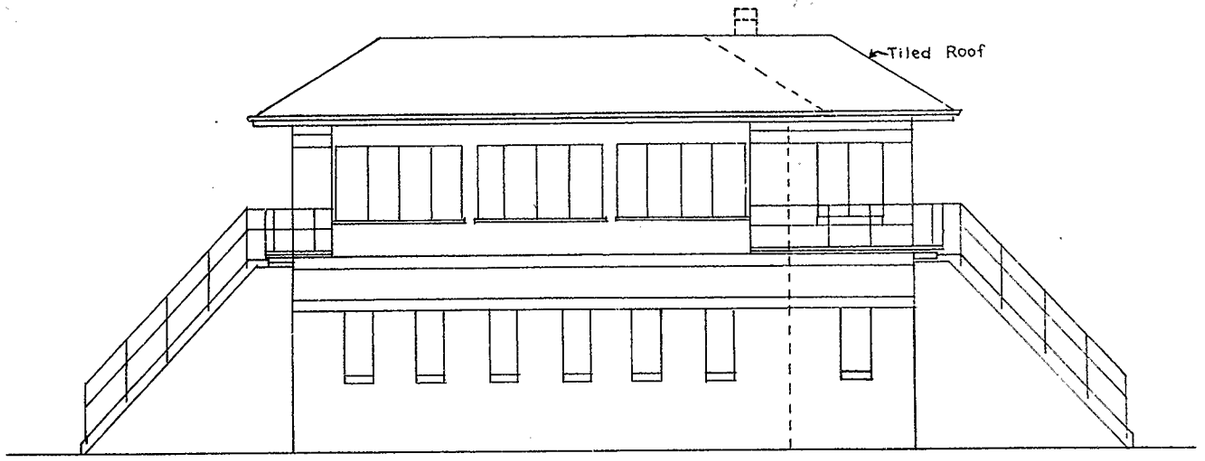


V.R
FRANKLIN STREET SIGNAL CABIN
PROPOSED EXTENSION
SCALE AS SHOWN.

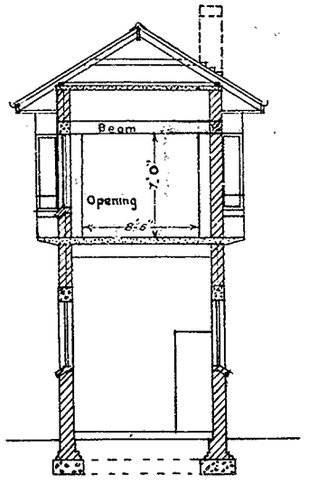
Chief Civil Engineer.

Work Completed 31-5-46					
Drawn by	Checked	Corres No.	Chief Architect 10-9-1945	B 197 B 65	PLAN. No 499/45
C.J.W.	S.S.	12280/43			

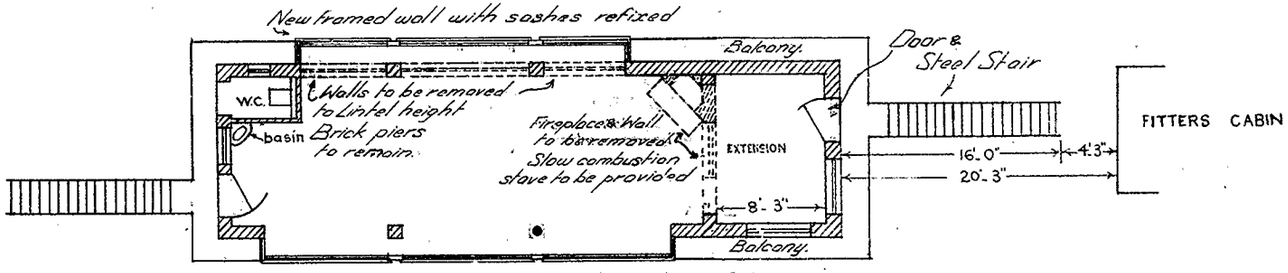
197



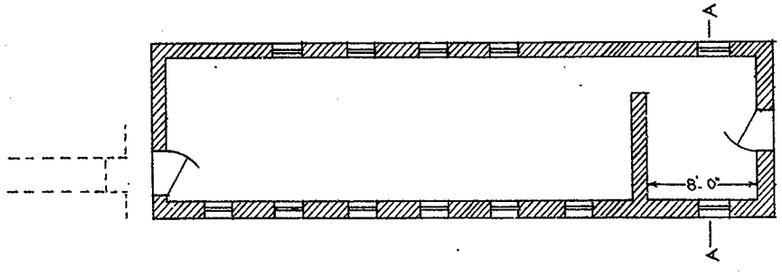
NORTH EAST ELEVATION



SECTION A_A.



OPERATING FLOOR PLAN



BASEMENT PLAN

V . R.

FRANKLIN STREET SIGNAL BOX

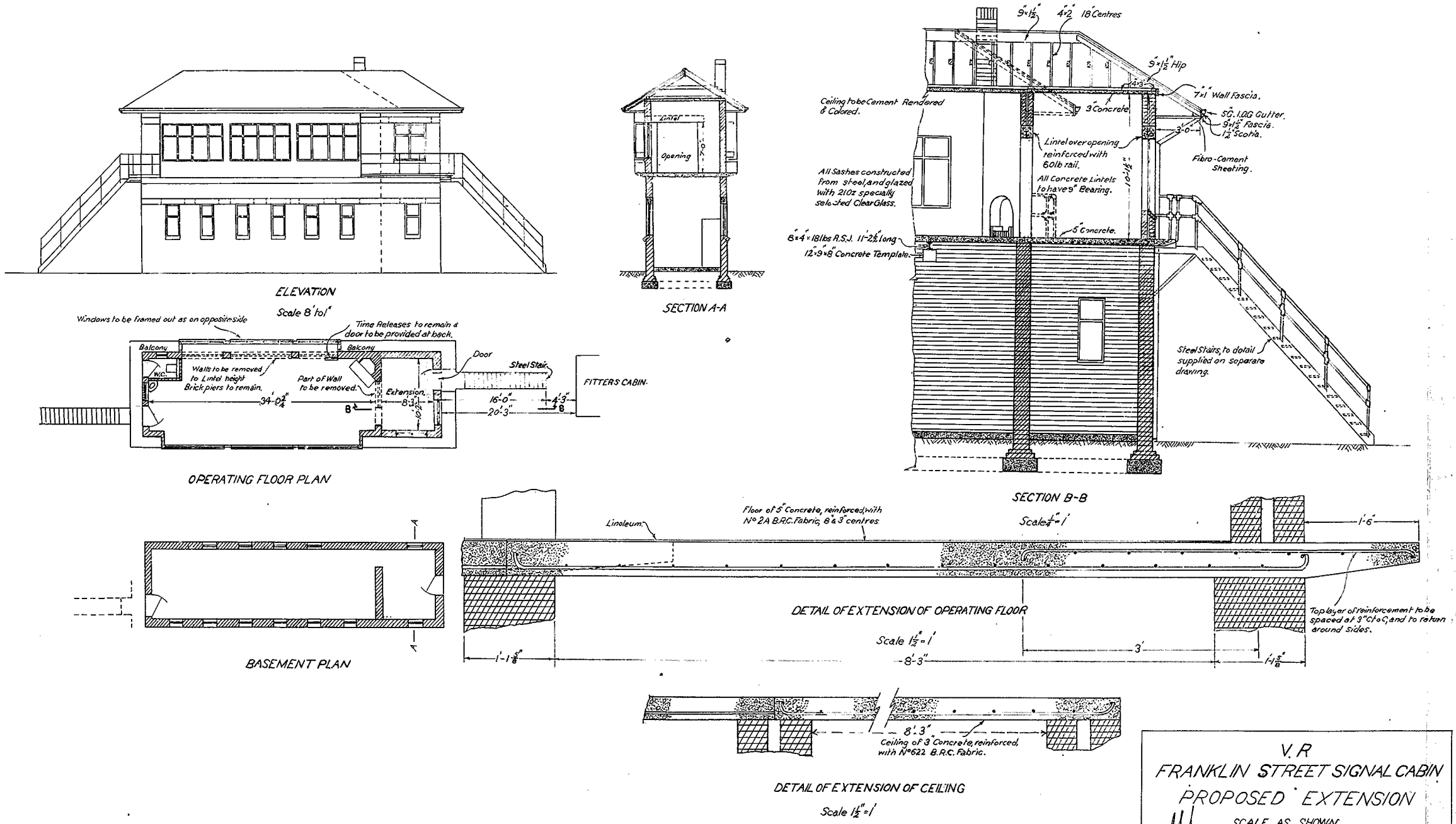
PROPOSED EXTENSION

Scale: 8'-0" to 1"

Chief Civil Engineer

Work Completed 31-5-46			H Hutchiffe.	B-192	Plan No
Drawn by C.J.Read	Checked W.J.Y.	Corres No 12260/43	Chief Architect 7. 12. 1943	D-65	677/43

3W.Fs. T.K.K.

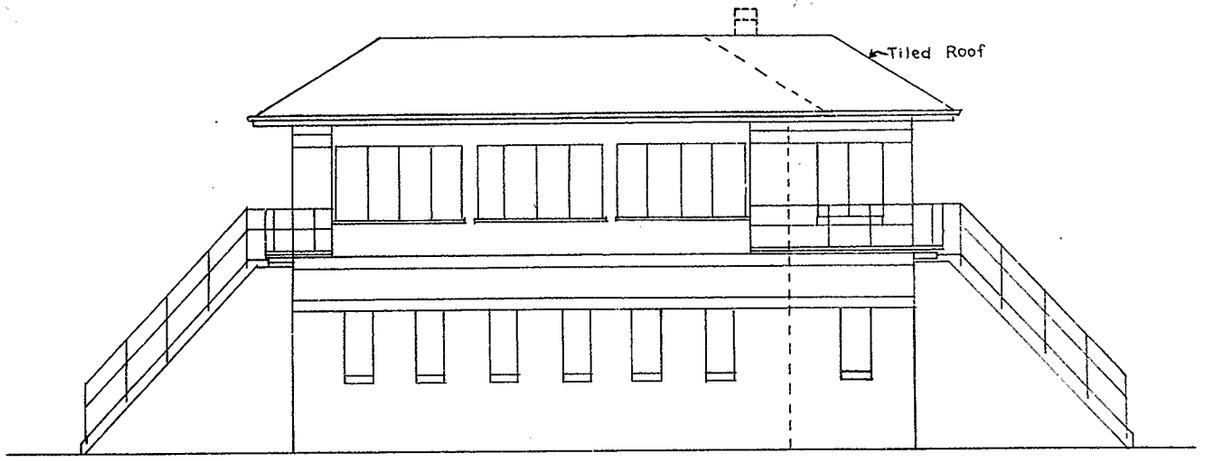


V.R
FRANKLIN STREET SIGNAL CABIN
PROPOSED EXTENSION
SCALE AS SHOWN.

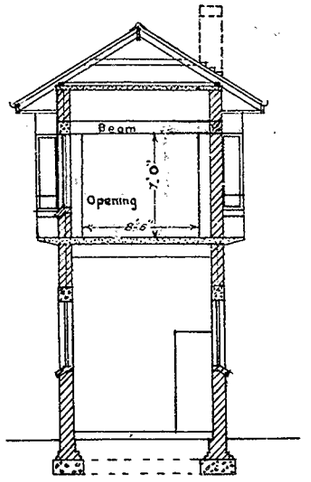
Chief Civil Engineer.

Work Completed 31-5-46					
Drawn by	Checked	Corres No.	Chief Architect 10-9-1945	B 197 B 65	PLAN. No 499/45
C.J.W.	S.S.	12280/43			

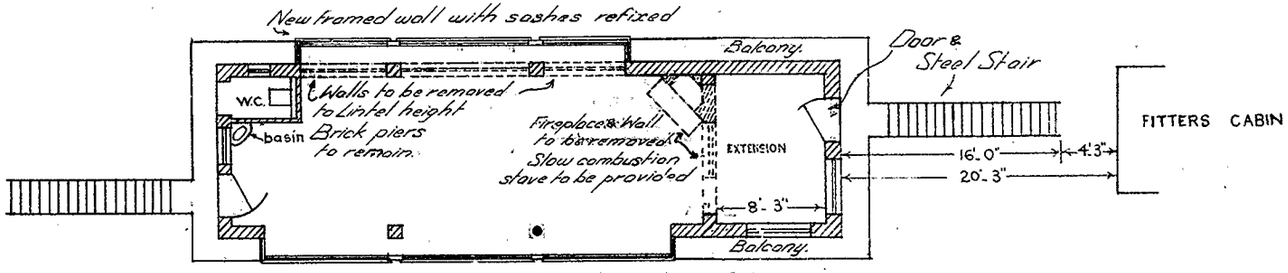
197



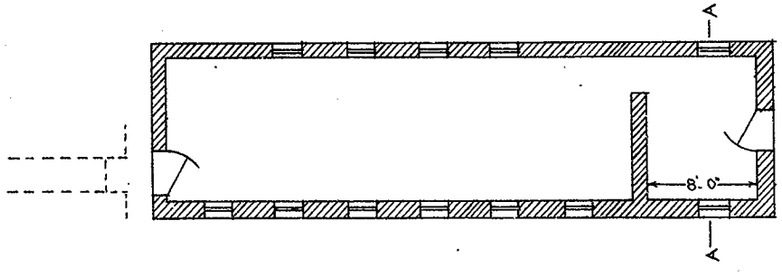
NORTH EAST ELEVATION



SECTION A_A.



OPERATING FLOOR PLAN



BASEMENT PLAN

V . R.

FRANKLIN STREET SIGNAL BOX

PROPOSED EXTENSION

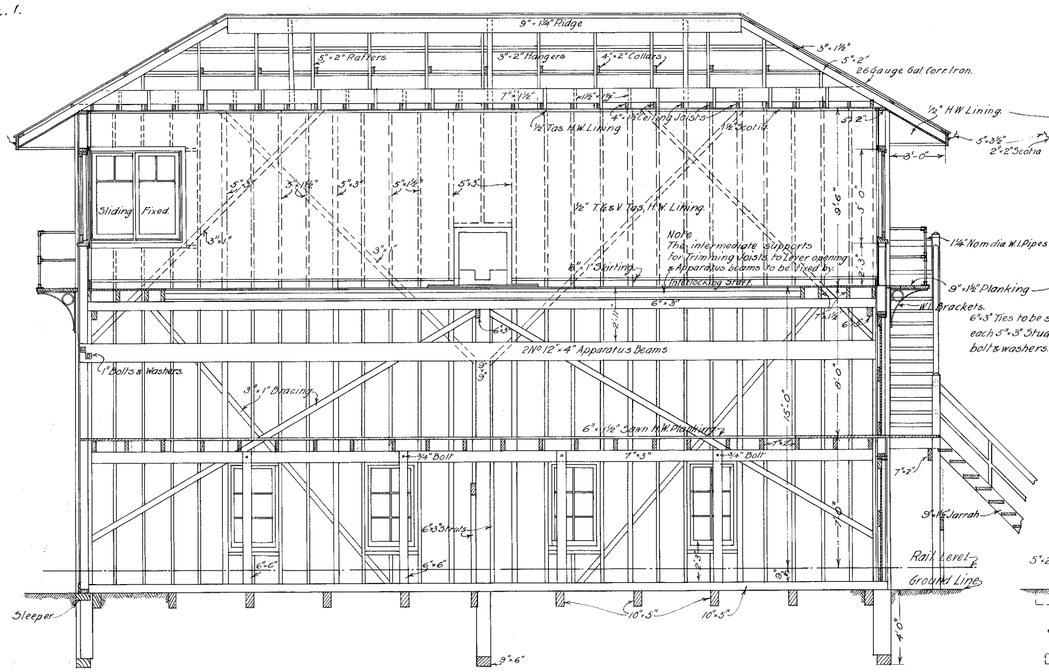
Scale: 8'-0" to 1"

Chief Civil Engineer

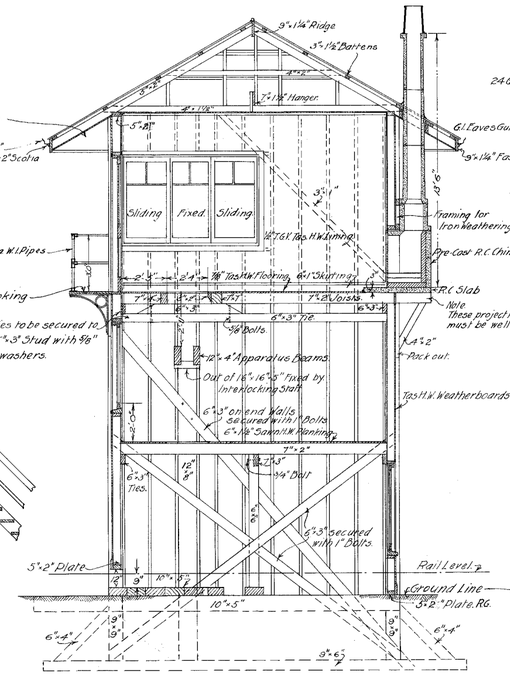
Work Completed 31-5-46			H Hutchiffe.	B-192	Plan No
Drawn by C.J.Read	Checked W.J.Y.	Corres No 12260/43	Chief Architect 7. 12. 1943	D-65	677/43

21/332
4.9.39
B. 2. 1.

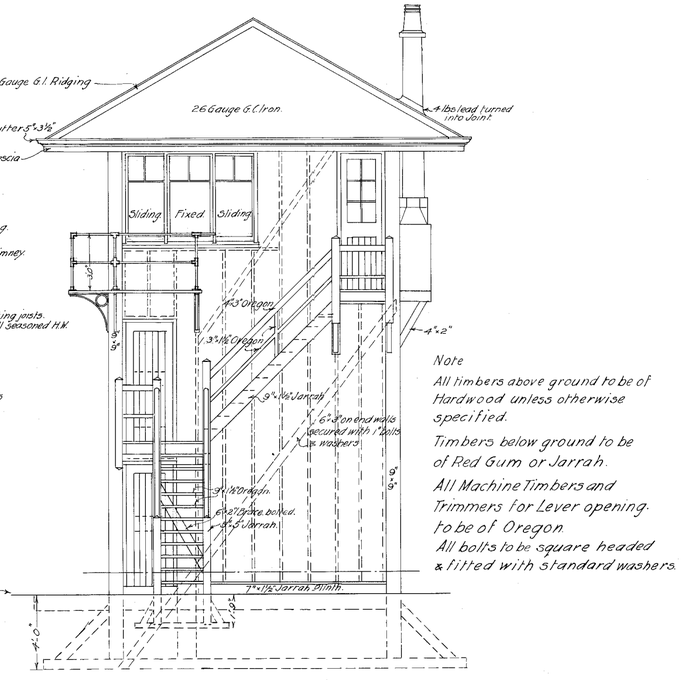
6/5
TWL



—SECTION A-A—

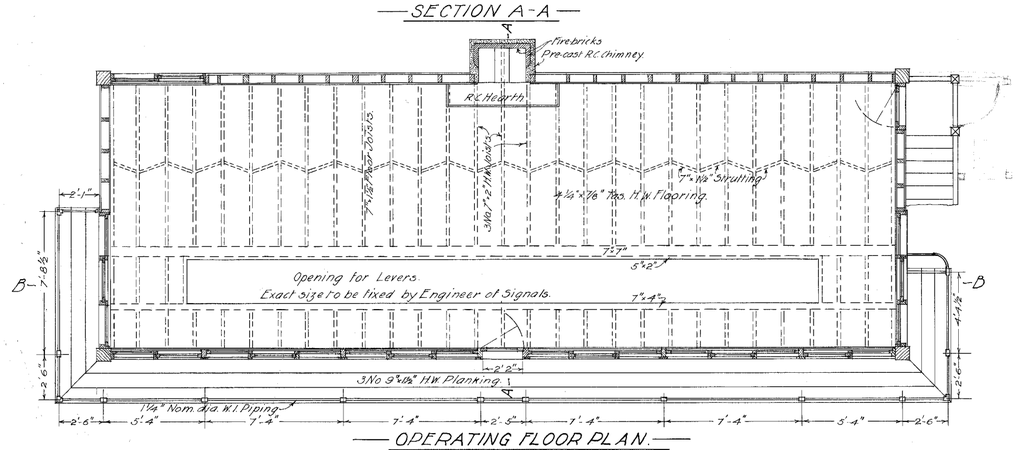


—SECTION B-B—

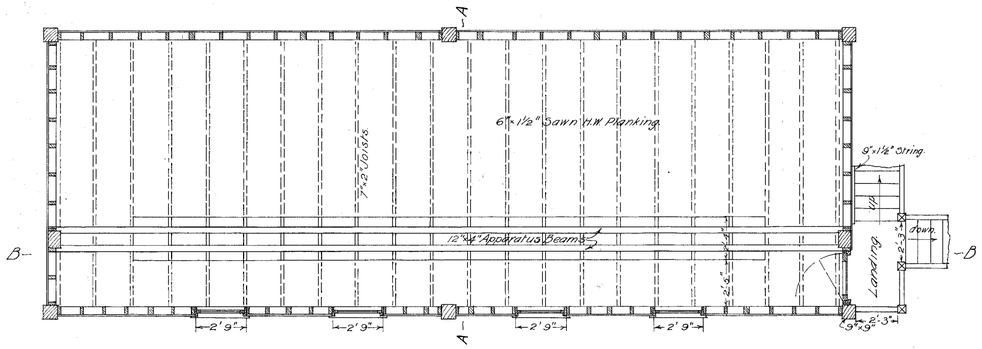


—END ELEVATION—

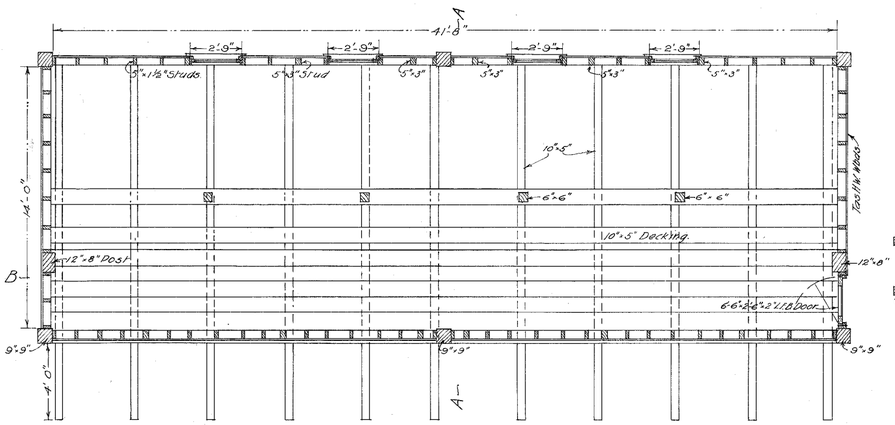
Note
All timbers above ground to be of Hardwood unless otherwise specified.
Timbers below ground to be of Red Gum or Jarrah.
All Machine Timbers and Trimmers for Lever opening to be of Oregon.
All bolts to be square headed & fitted with standard washers.



—OPERATING FLOOR PLAN.—

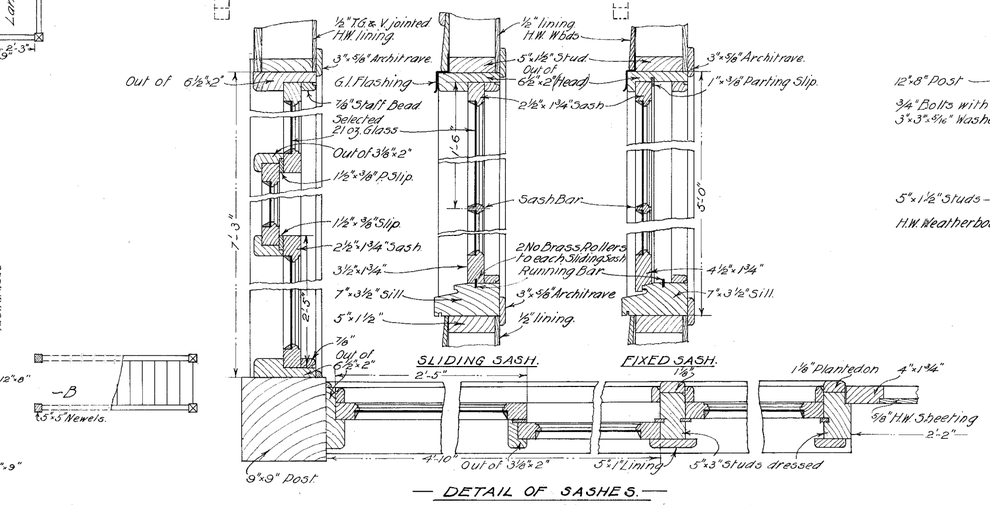


—INTERMEDIATE FLOOR PLAN—

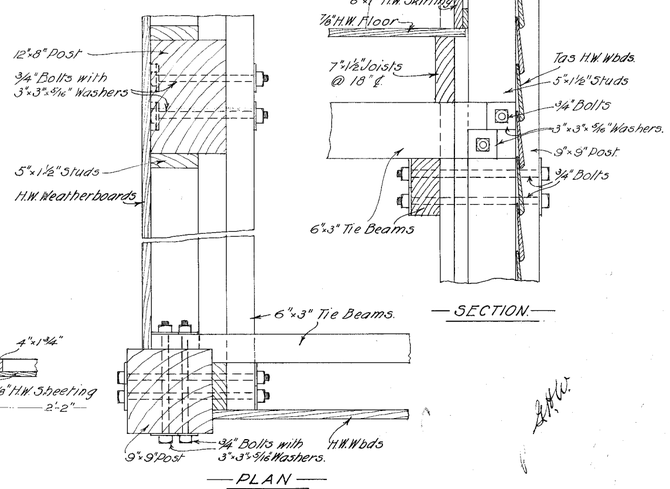


—LOWER FLOOR PLAN.—

—FRONT ELEVATION—



—DETAIL OF SASHES.—
Scale 1½"=1'-0"



—PLAN— —SECTION.—

DETAIL OF HORIZONTAL TIES.
Scale 1½"=1'-0"

—V.R.—

—FRANKSTON—

—NEW SIGNAL BOX—

Scales
⅛"=1'-0"
1½"=1'-0"

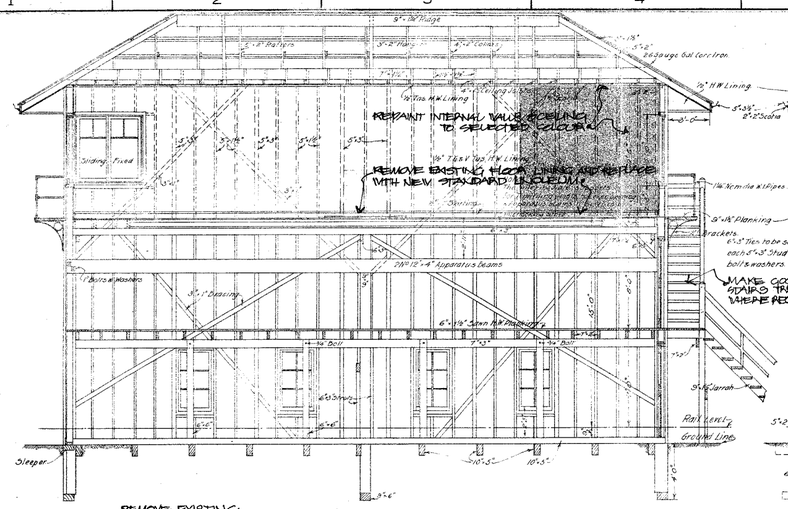
W&W. 3946/22.

C.E.A. 4-5-22.

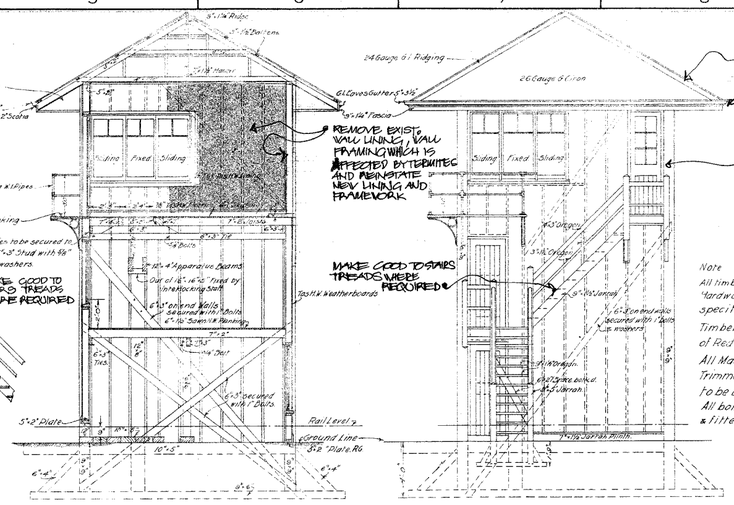
1089.22

Jas. Barrett
Architect.
10.8.22.

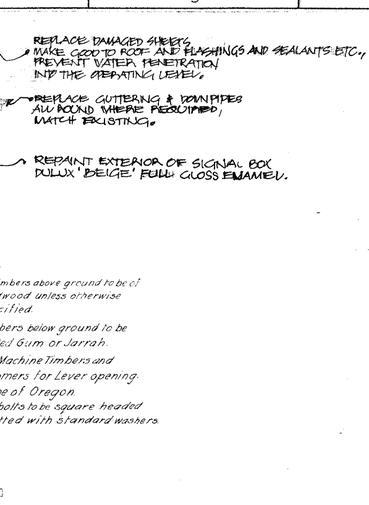
B 7a
A 64



—SECTION B-B—



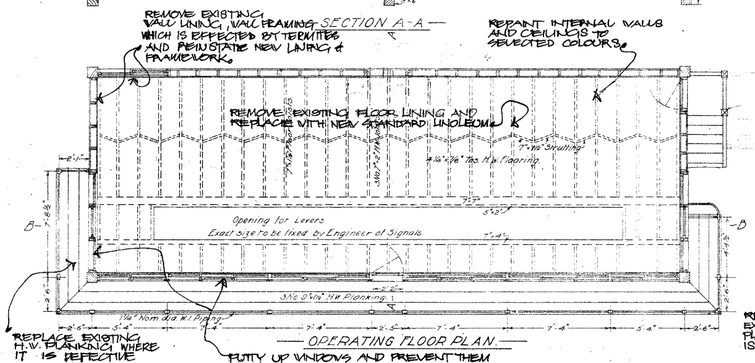
—END ELEVATION—



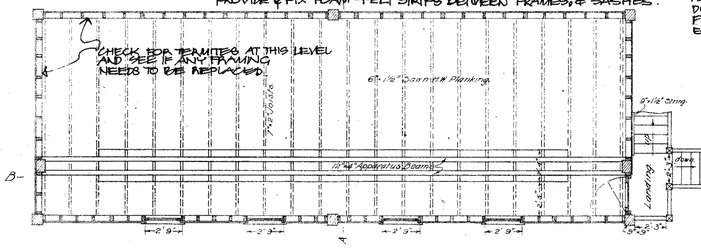
Note
All timbers above ground to be of hardwood unless otherwise specified.
Timbers below ground to be of Red Gum or Jarrah.
All Machine Timbers and Trimmers for Lever opening to be of Oregon.
All bolts to be square headed & fitted with Standard washers.

COLOUR SCHEDULE.

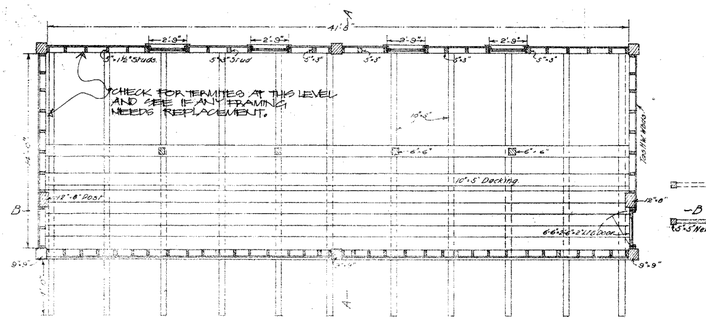
WALLS	INTERNAL,	PAINTED 'DULUX' 'BEIGE' SEMI GLOSS ENAMEL.
	EXTERNAL,	PAINTED 'DULUX' 'BEIGE' FULL GLOSS ENAMEL.
CEILING		PAINTED 'OFF WHITE'
FLOOR COVERING		PLAIN LINOLEUM 'FORBO-KRUMMENIE' NO. 127, 3·2 MM THICK.
GUTTERING		COLORBOND 'BEIGE'
WINDOWS	INTERNAL	PAINTED DULUX 'SEAGULL' 37332 GLOSS ENAMEL.
DOORS	INTERNAL	PAINTED DULUX 'SEAGULL' 37332 GLOSS ENAMEL.
	EXTERNAL	PAINTED DULUX 'SEAGULL' 37332 GLOSS ENAMEL.
HANDRAILS		PAINTED DULUX 'SEAGULL' 37332 GLOSS ENAMEL.



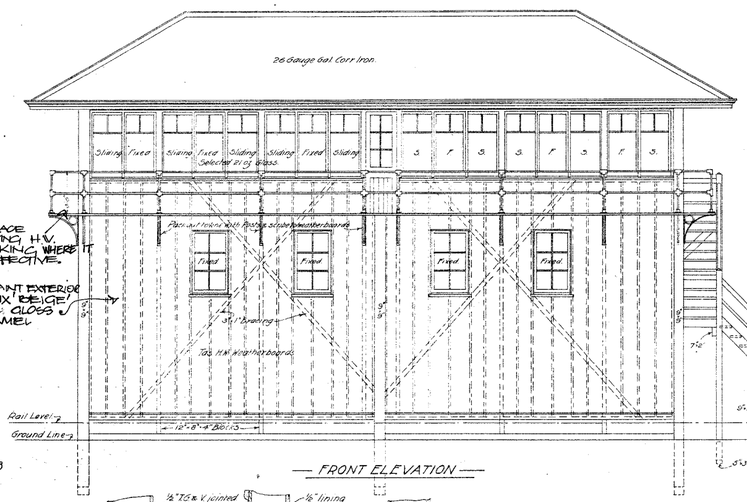
—OPERATING FLOOR PLAN.—



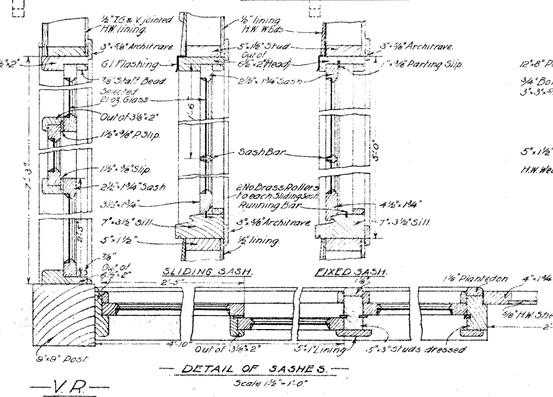
—INTERMEDIATE FLOOR PLAN—



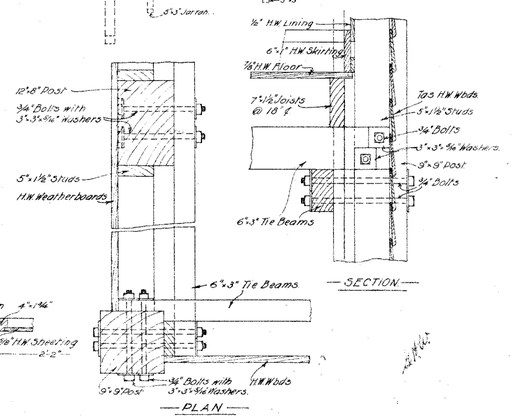
—LOWER FLOOR PLAN.—



—FRONT ELEVATION—



—DETAIL OF SASHES.—
Scale 1½"-1'-0"



DETAIL OF HORIZONTAL TIES
Scale 1½"-1'-0"

—V.R—

FRANKSTON

NEW SIGNAL BOX

Scales 1½"-1'-0"

1089.22

Architect: B 7
A 64

A/ DIRECTOR ENGINEERING SERVICES AND DEVELOPMENT. A. CAREY	REV'N	DATE	DESCRIPTION.	REV'D BY	MG'R
A/GROUP MANAGER ENGINEERING DESIGN A. TRIST					

DESIGNED	DRAWN
R.K.	
CHECKED A.J. Mazzel	CORRES
A/BLDG. DESIGN ARCHIT.	BLDG. SERVICES ENG.
A/BUILDING ARCHITECT 24/9/88	

The Met.

FRANKSTON

SIGNAL - BOX REFURBISHMENT

MANAGER TRACK AND BUILDING DESIGN.
DATE: 20·9·88,

SCALE: 1:150, 1:11 (APPROX)

INDEX: SB 7064

DRAWING No. 2491/88

REV'N

V.R.

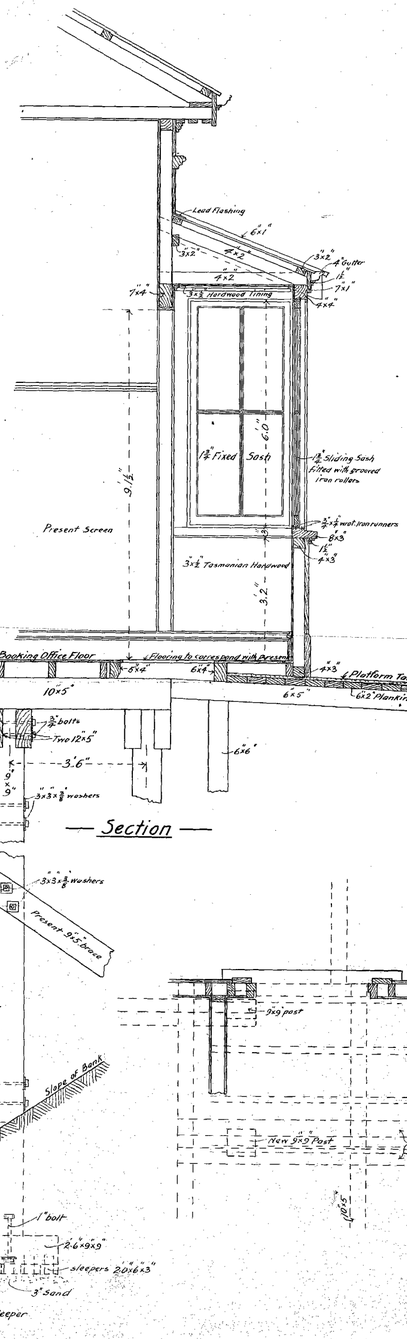
Gardenvale Station

Combined Signal Box and Booking Office

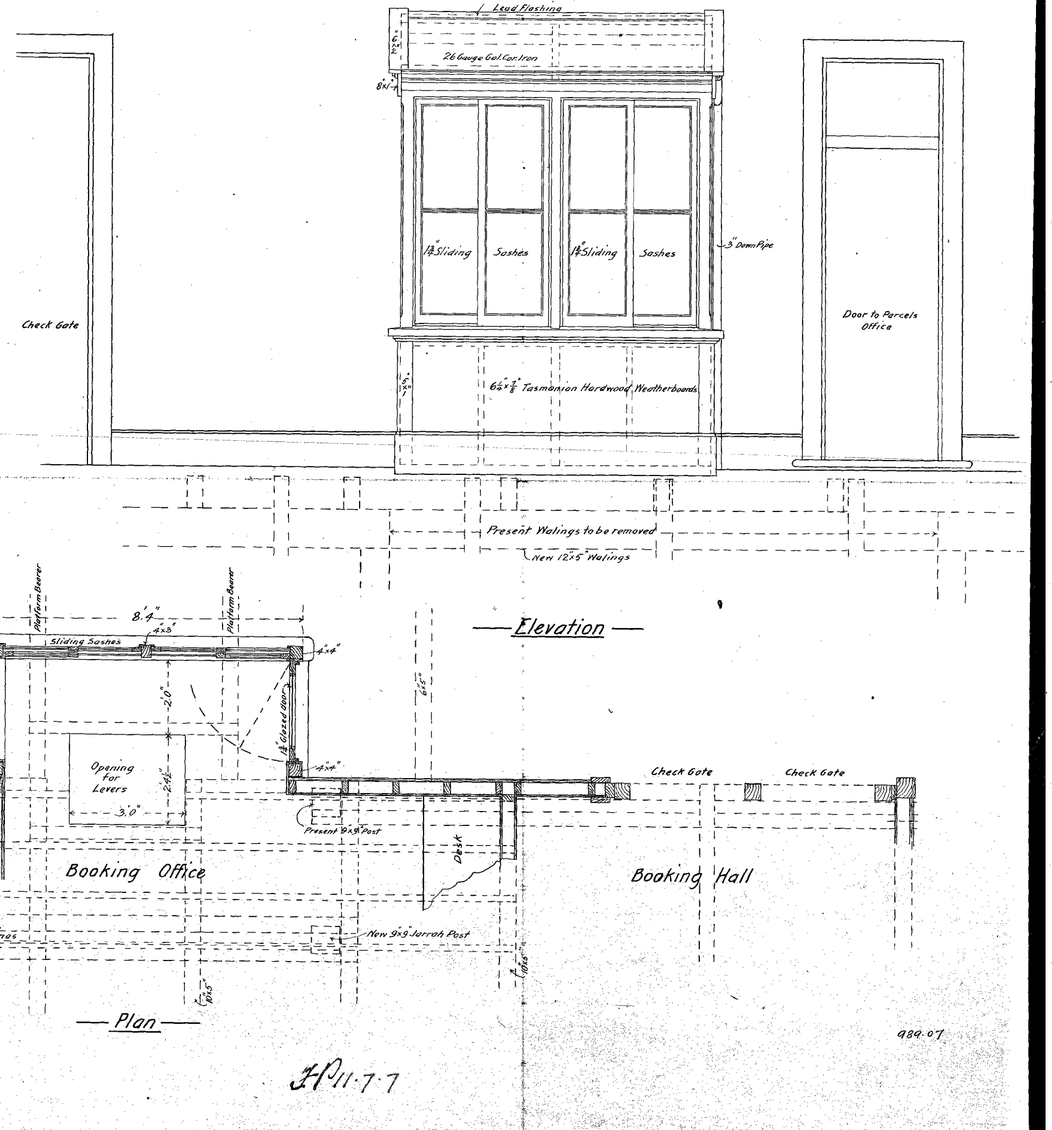
Scale: 2 feet to 1 inch.

H.Y.S. 11.7.07

07 / 4194 / 3208



— Section —

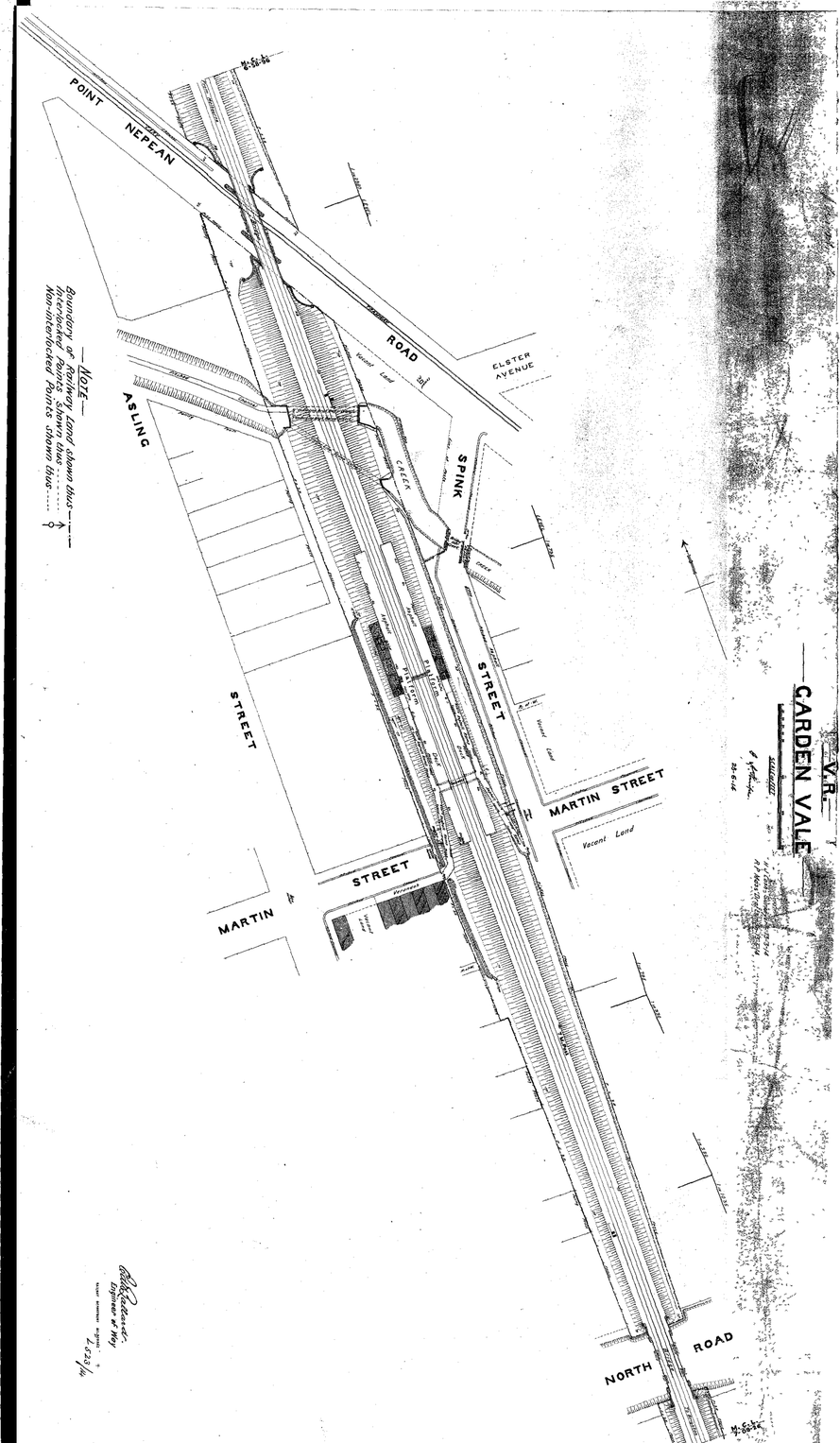


— Elevation —

— Plan —

989.07

H.P. 11.7.7


POINT NEPEAN ROAD
CLETER AVENUE
ASLING STREET
SPINK STREET
MARTIN STREET
MARTIN STREET
NORTH ROAD
CREEK
Vacant Land
Vacant Land
Vacant Land

V.R.

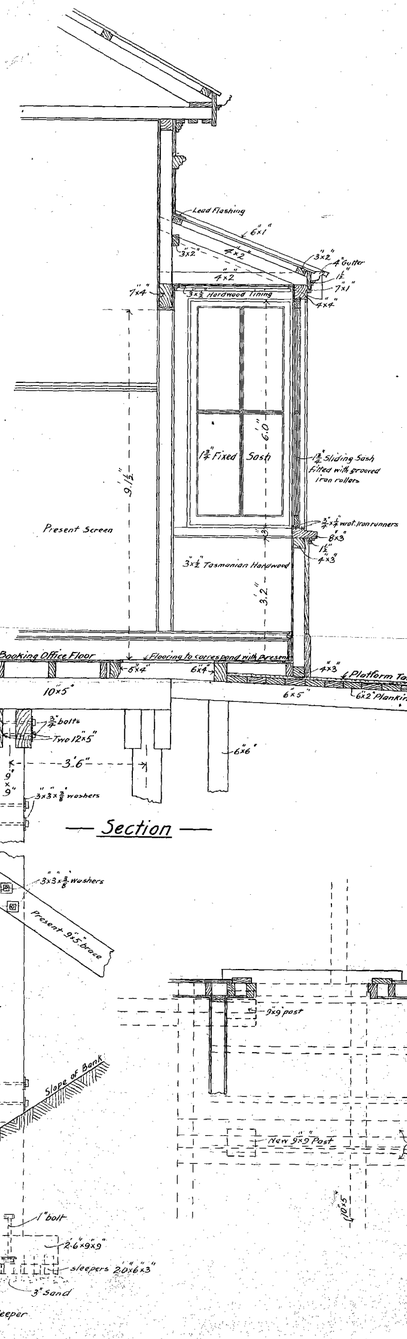
Gardenvale Station

Combined Signal Box and Booking Office

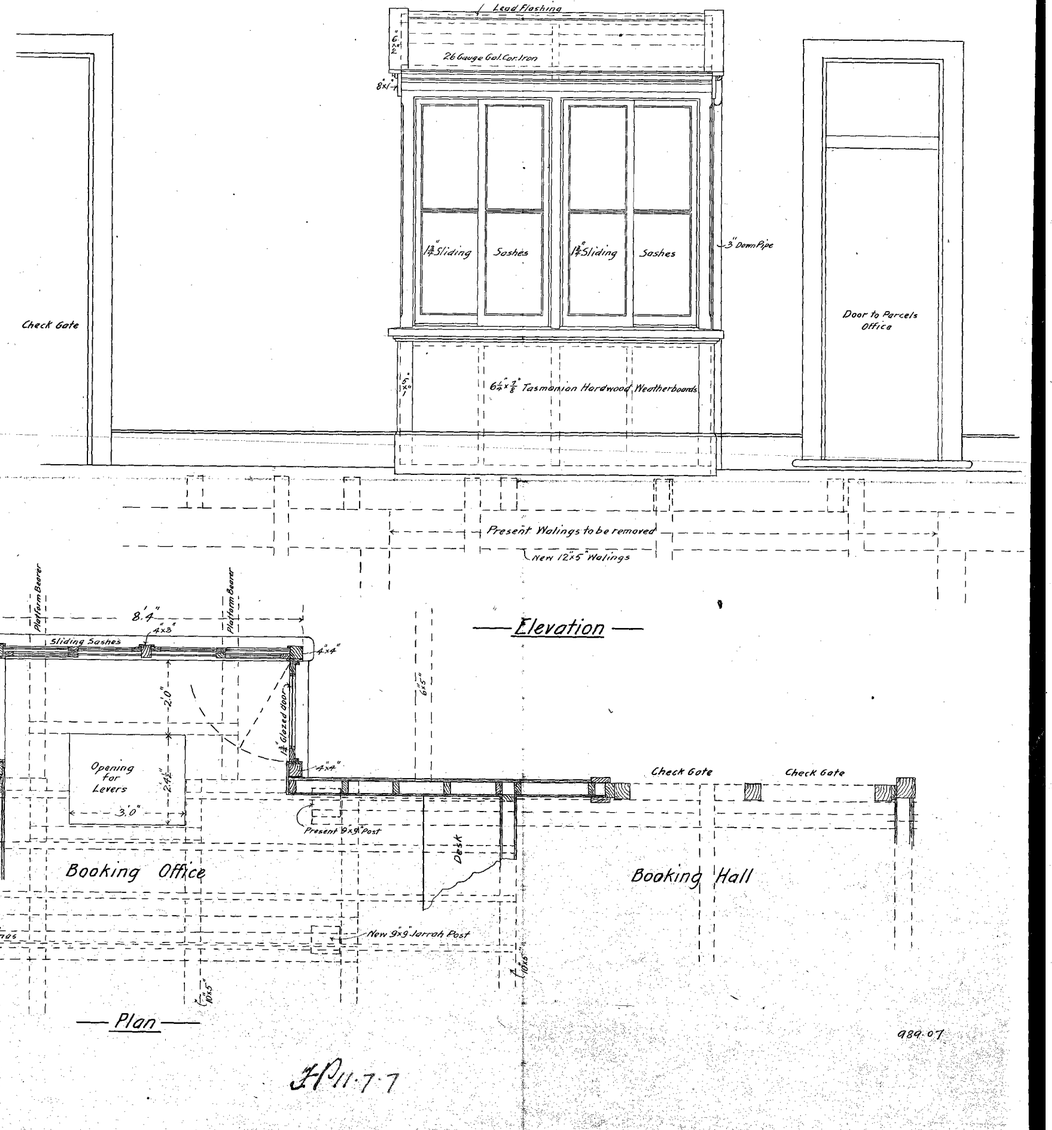
Scale: 2 feet to 1 inch.

H.Y.S. 11.7.07

07 / 4194 / 3208



— Section —

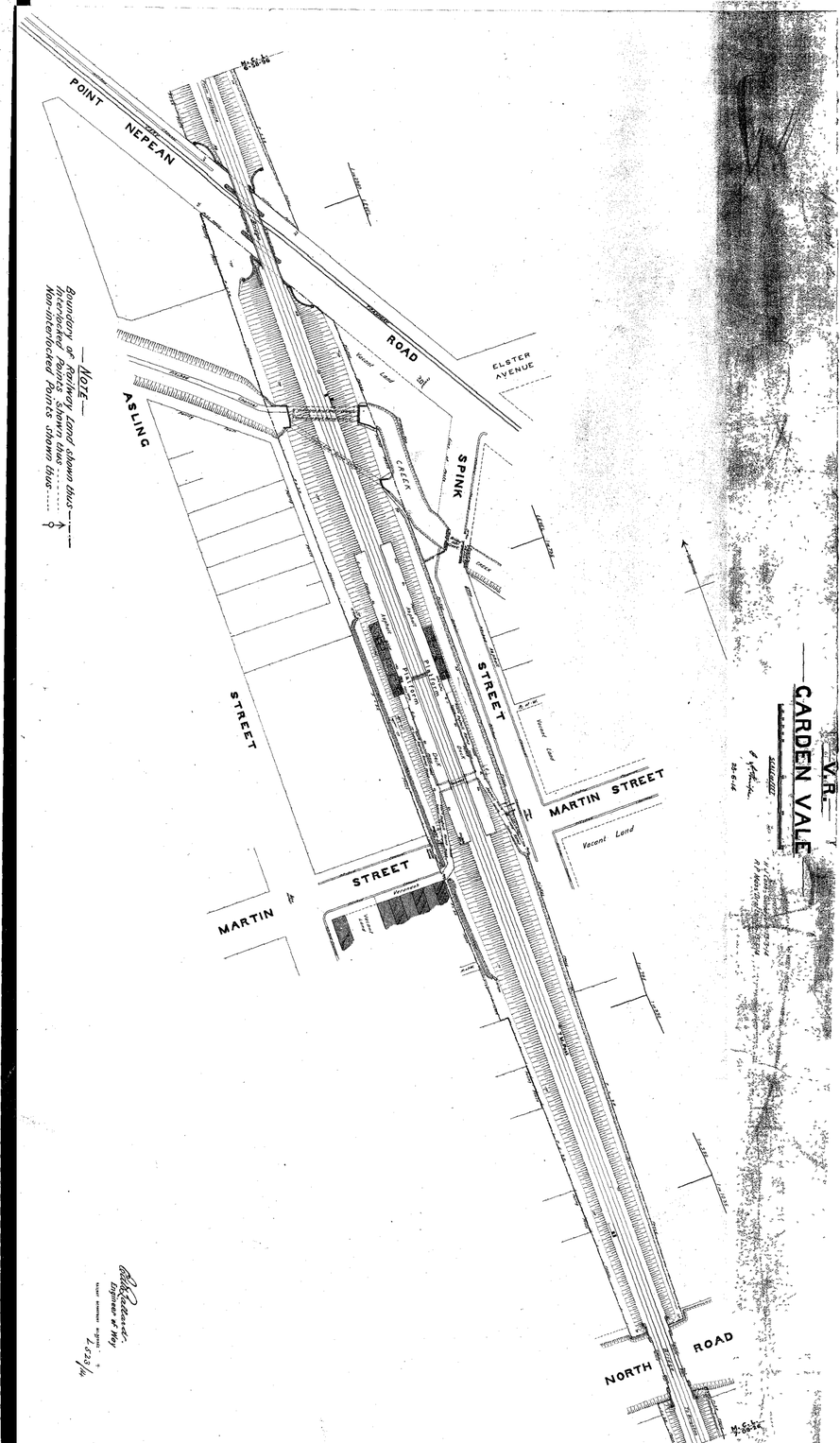


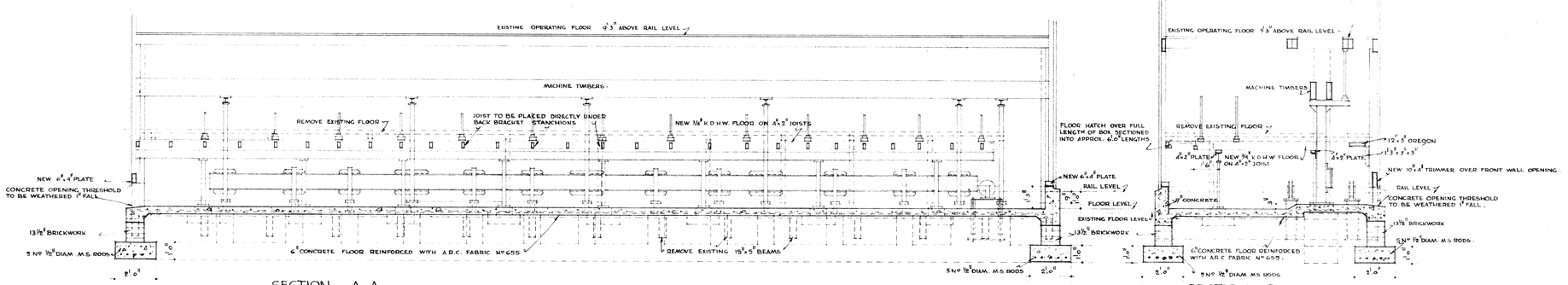
— Elevation —

— Plan —

989.07

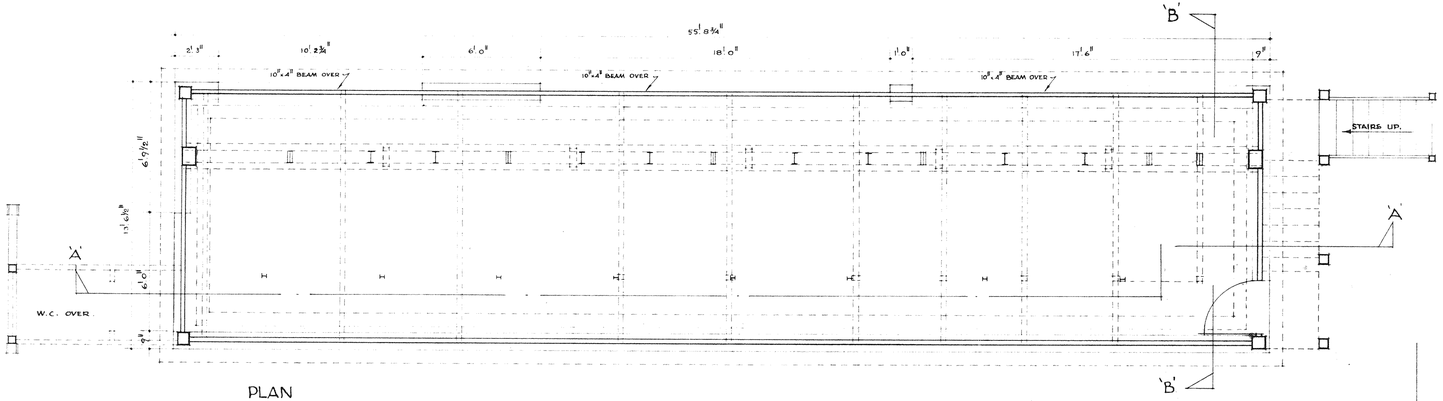
H.P. 11.7.7


POINT NEPEAN ROAD
CLETER AVENUE
ASLING STREET
SPINK STREET
MARTIN STREET
MARTIN STREET
NORTH ROAD
CREEK
Vacant Land
Vacant Land
Vacant Land



SECTION A-A

SECTION B-B.



PLAN

V.R.

GEELONG

RE-CONDITIONING OF SIGNAL BOX 'A'

SCALE ¼"-1'0"

2.11.58

CHIEF CIVIL ENGINEER

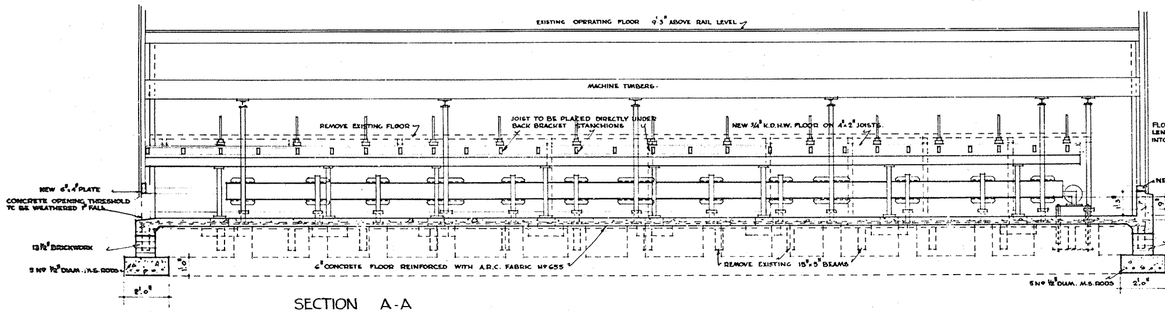
SIGNAL & TELEGRAPH ENGINEER

REVISION	DATE	AMENDMENT	AMENDED BY	DRAWN	TRACED	CHECKED	CORRES

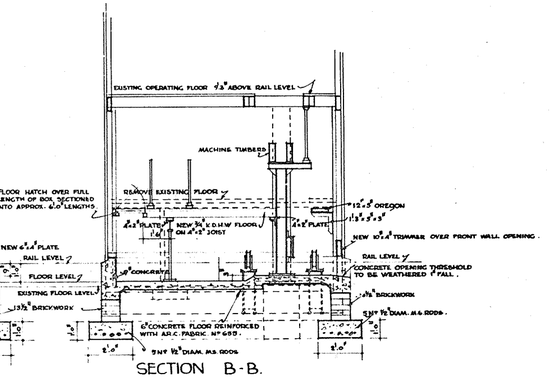
SENIOR ARCHITECT

B-285
C-65

PLAN No
1044-58



SECTION A-A



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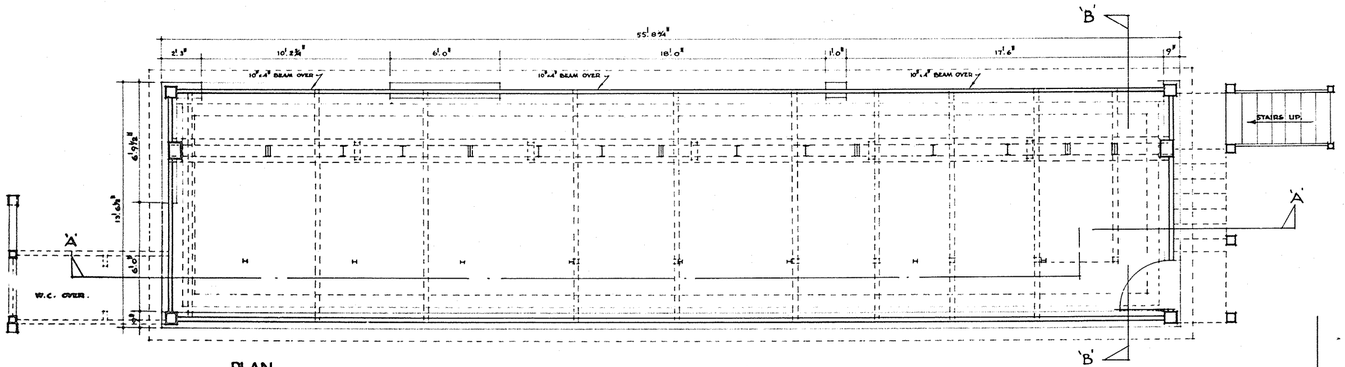


PLAN

V.R.

GEELONG

RE-CONDITIONING OF SIGNAL BOX 'A'

SCALE 1/2"-1'-0"

R.V.R. 9.11.58

CHIEF CIVIL ENGINEER

SIGNAL & TELEGRAPH ENGINEER

REVISION	DATE	AMENDMENT	AMENDED BY

DESIGN | TRACED | CHECKED | CHIEF DRAFTSMAN | SENIOR ARCHITECT

B-225
C-65

PLAN Nº
1044-63

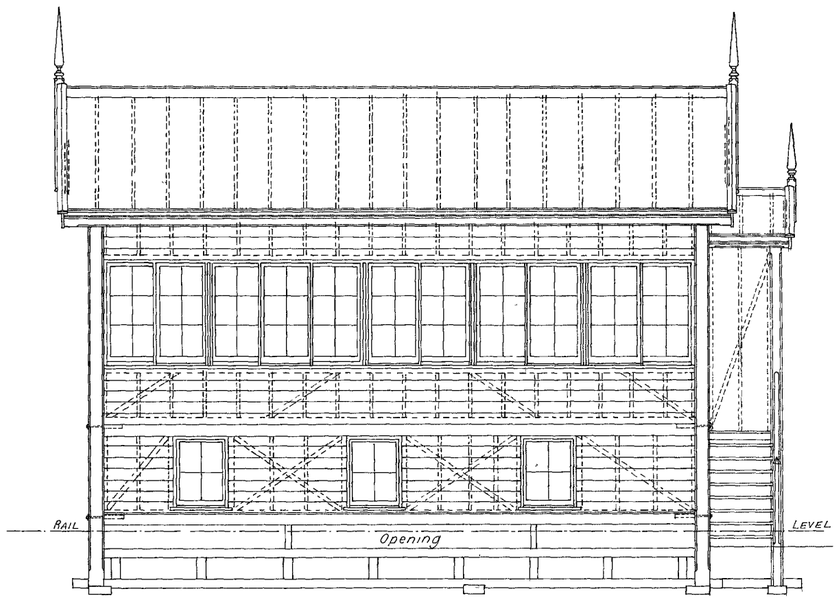
5331
2 WP
by 4.30 pm

— V.R. —
— GEELONG —
— SIGNAL BOX "B" —

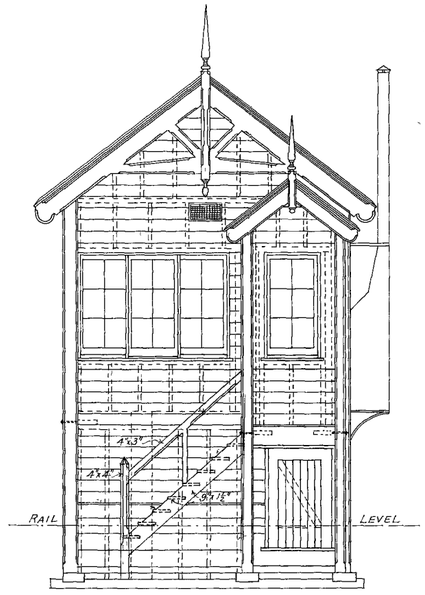
— Scale 4 Ft = One Inch —

LEM

Where Plans held
5-4-34
See B 33
C 65



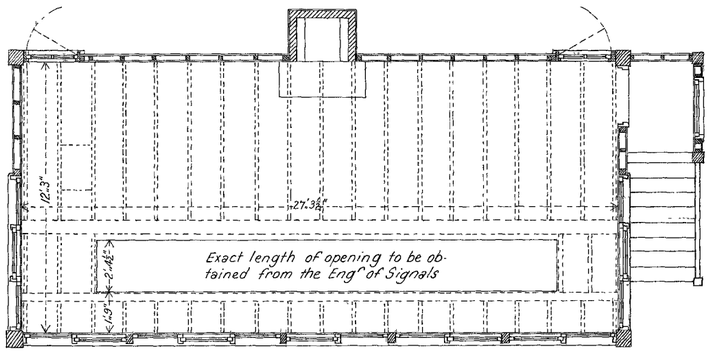
— FRONT ELEVATION —



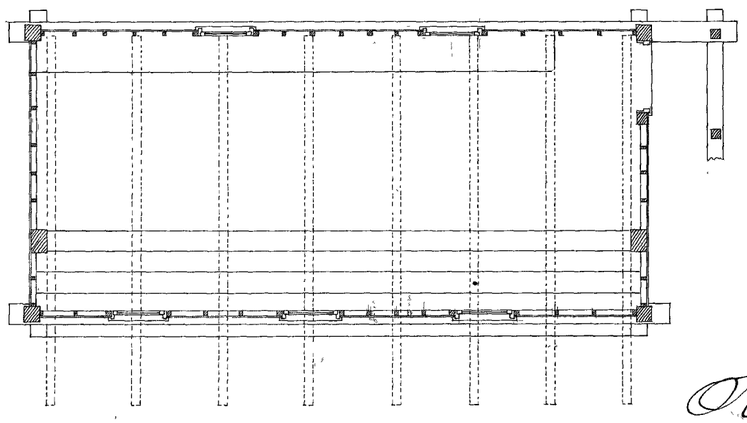
— END ELEVATION —

— SCANTLINGS —

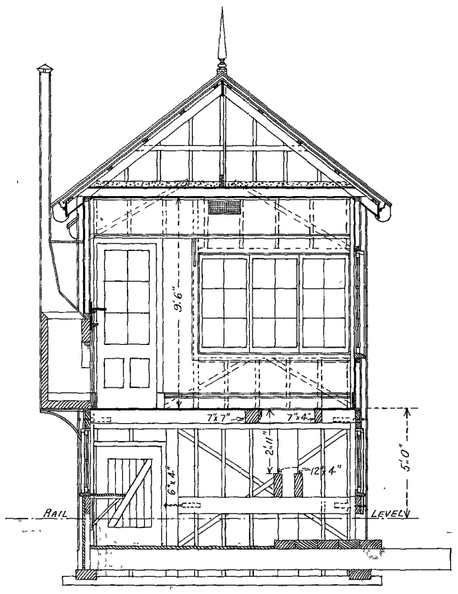
Lower Floor Joists	12"x5
Apparatus Standards	12"x9"
Angle Posts	8"x8"
Porch Posts	6"x6"
Trimmer studs and heads	3"x3"
Intermediate studs	3"x2"
Fillet Studs	3"x1½"
Diagonal Bracing	3"x1½"
" " Front walls (Lower)	3"x3"
Trimmer Sills	3"x2"
Main Ceiling Joists	5"x1½"
Collar Ties	3"x1"
Binder	6"x4½"
Hanging Pieces	3"x1½"
Ridge Piece	11"x1½"
Porch Ceiling Joists and Rafters	3"x2"
Purlins	3"x2"
Upper Floor Joists	7"x2½"
T and G Flooring Hoop Pine	
Weatherboards Tas^n & Wood	
T & G and V jointed Lining (Walls) Hoop Pine	4"x⅜"
" " " Ceilings Hoop Pine	4"x⅜"
Main Eaves Board	11"x1"
Porch "	8"x1"
Skirting (Main)	9"x1"
" (Porch)	5"x1"
Sash stiles and top rails	2½"x1¾"
Sash bottom rails	3½"x1¾"
Muntines	1"x2½"
Glass throughout	16"x12"



— UPPER FLOOR PLAN —



— LOWER FLOOR PLAN —



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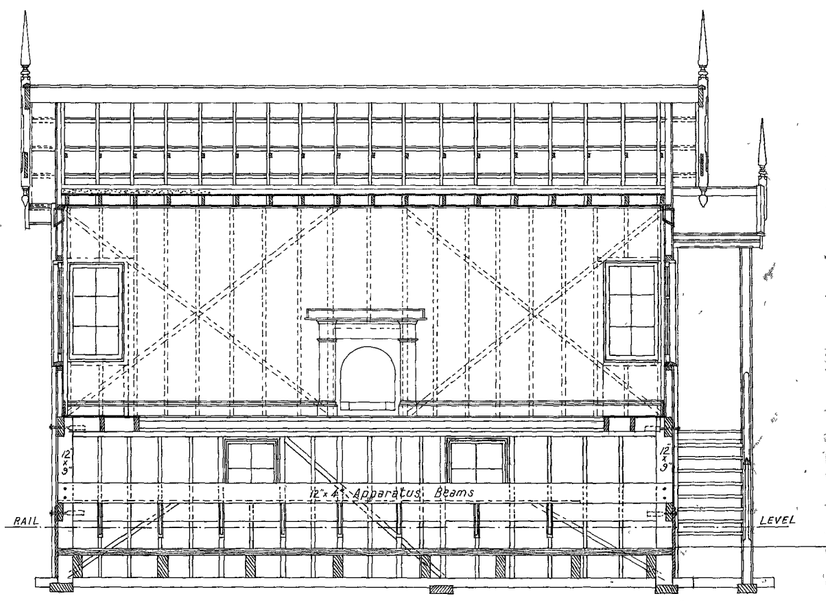


— LONGITUDINAL SECTION —

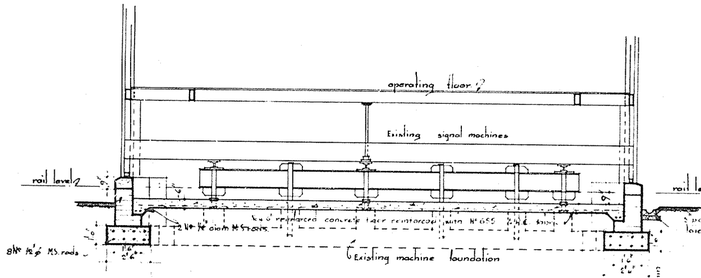
Stark
CHIEF ARCHITECT
20.4.17

20.4.17

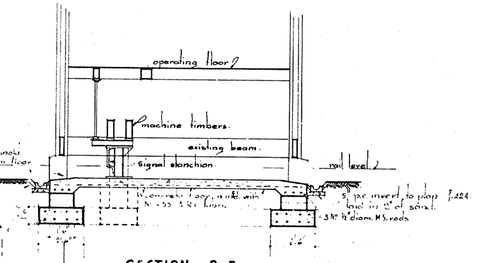
ARCHITECTS PLAN
DRAWING FOLIO | PLAN
6554/7

B 32
A 64

32



SECTION A-A.



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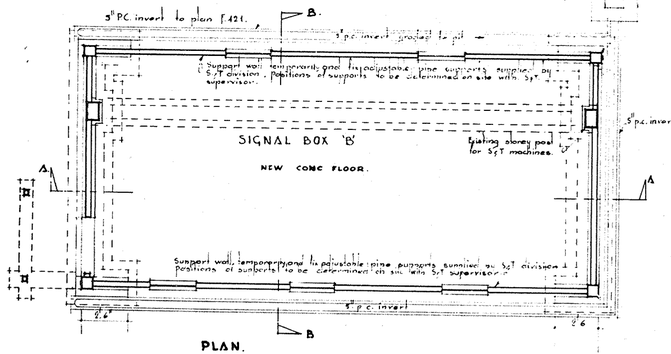
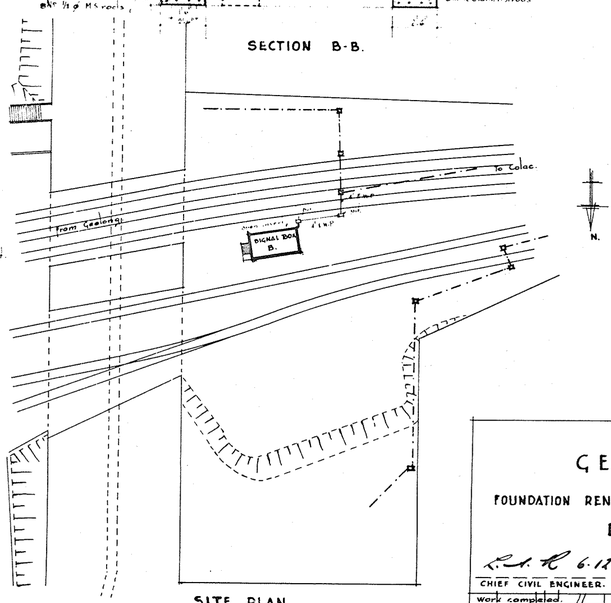


PLAN.



SITE PLAN
scale 10'-1"

G.H.W. 3.12.56
SIGNAL & TELEGRAPH ENGR.

V.R.

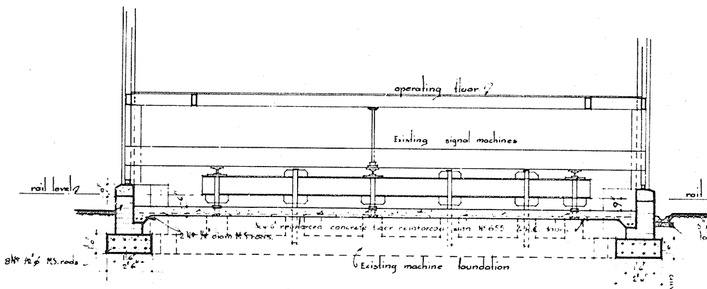
GEELONG

FOUNDATION RENEWALS TO SIGNAL BOX 'B'

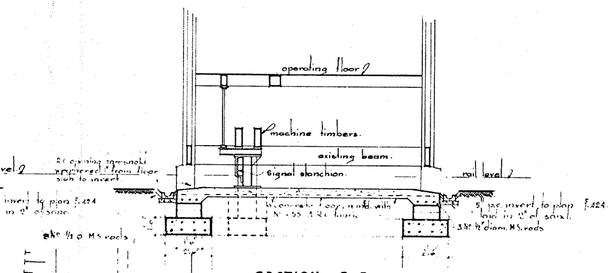
R.A.H. 6.12.56
CHIEF CIVIL ENGINEER.

SCALE 10'-1"

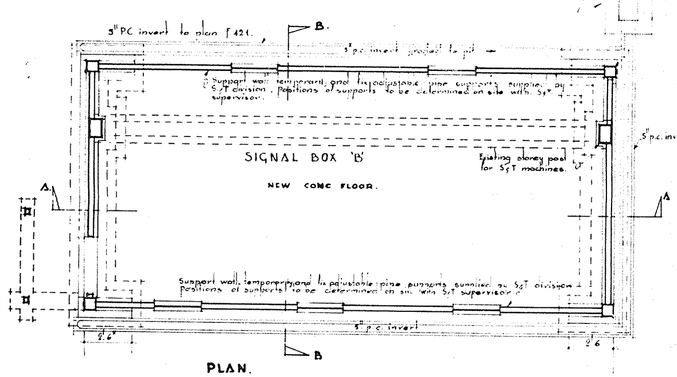
work completed. //					
Drawn.	Check.	Correc.	Senior Architect.	B-275	plan.
		13598/53.		C-65	476/36.



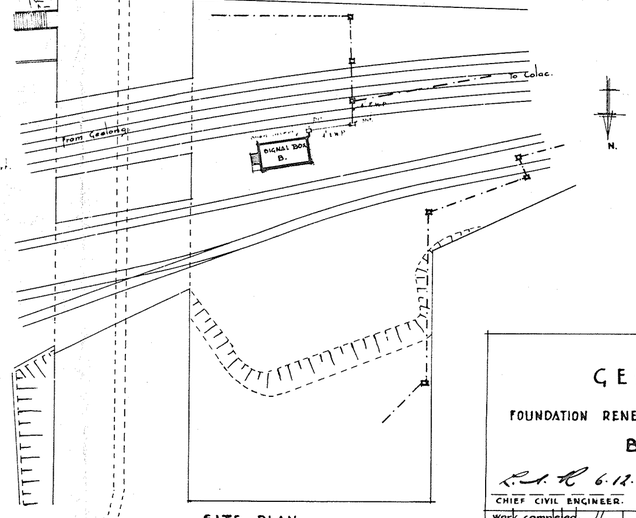
SECTION A-A.



SECTION B-B.



PLAN.



SITE PLAN
scale 40'-1"

G.H.W. 3.12.56.
SIGNAL & TELEGRAPH ENGR.

V.R.

GEELONG

FOUNDATION RENEWALS TO SIGNAL BOX 'B'

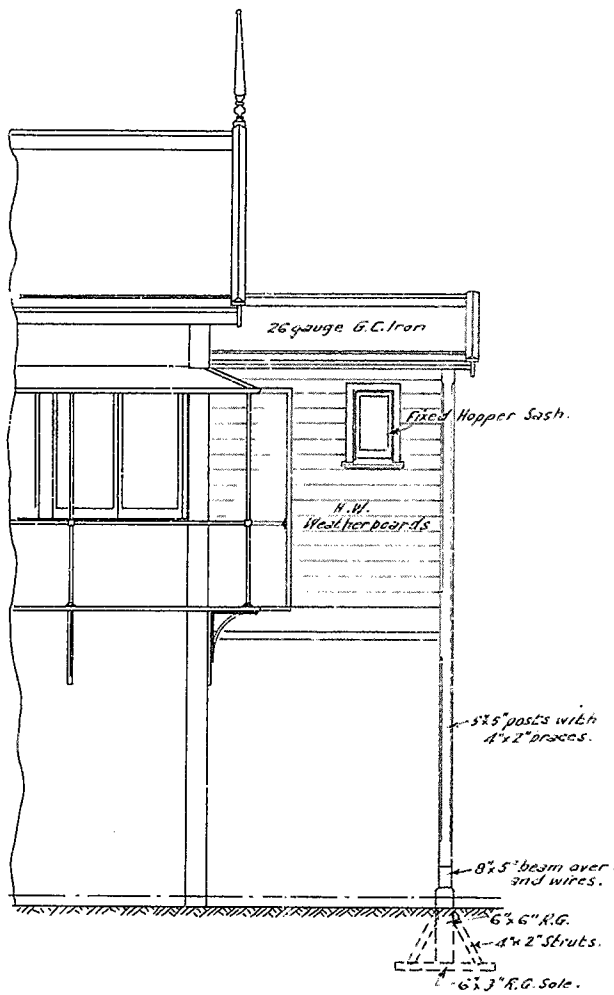
R.A.H. 6.12.56
CHIEF CIVIL ENGINEER.

SCALE ½"-1'-0 - 40'-1"

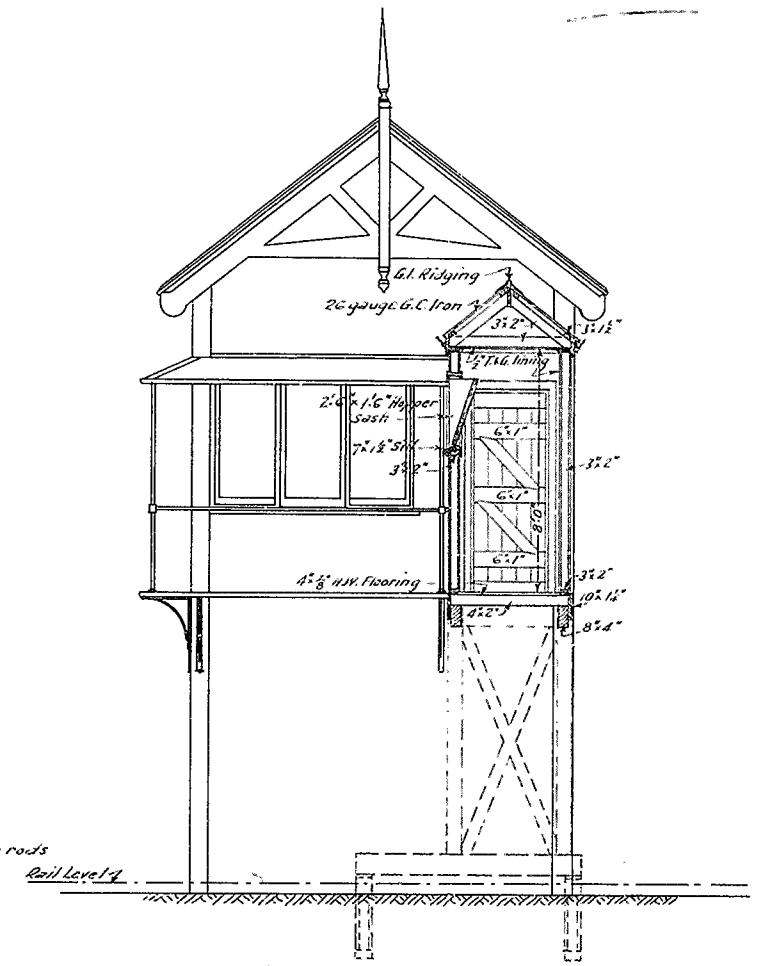
Work completed.					
Drawn.	Check.	Correc.		B-275	plan.
		13598/93.	Senior Architect.	C-65	476/56.

Check received 27/5/26

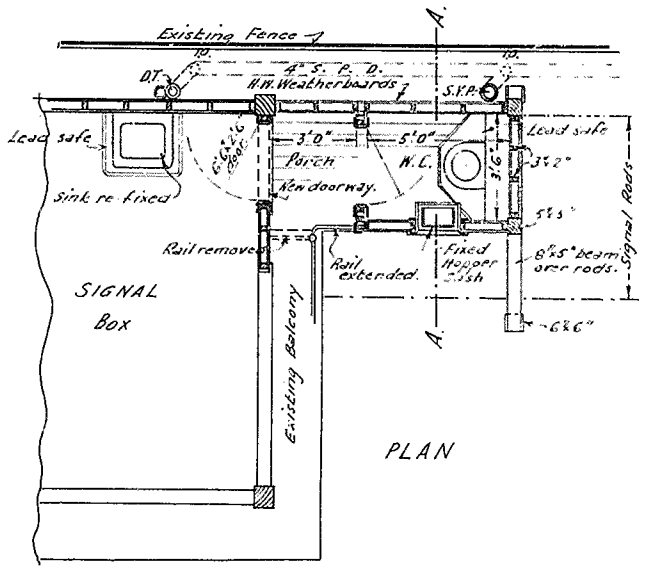
41



WEST ELEVATION.



SECTION A-A.



PLAN

V. R.

GEELONG

SEWERED CLOSET AT LATROBE TERRACE SIGNAL BOX.

SCALE: ¼ IN. = 1 FT.

E. H. Ballard for [illegible]

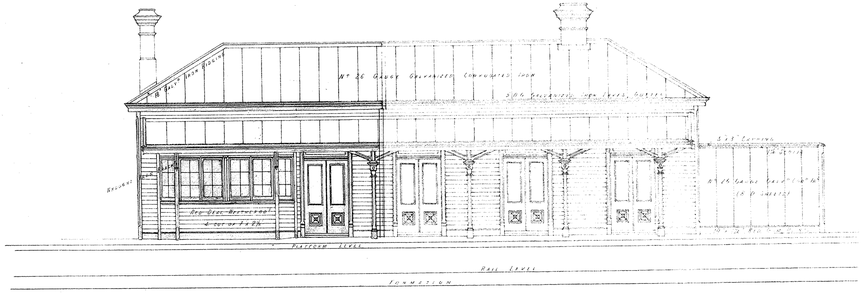
Chief Engineer of Way and Works.

20.5.26.

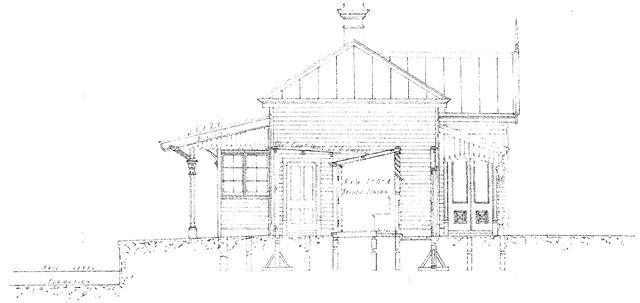
Drawn by	Checked by	Corres. No			
R.C.D.		1338/26	Chief Architect.	S.41. C.67.	PLAN No. 1703:26

47

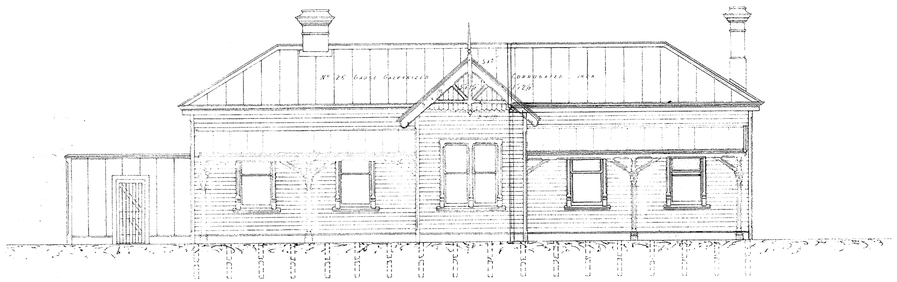
CONTRACT Nº
Nº



ELEVATION TO PLATFORM



END ELEVATION AND SECTION ON LINE E-E



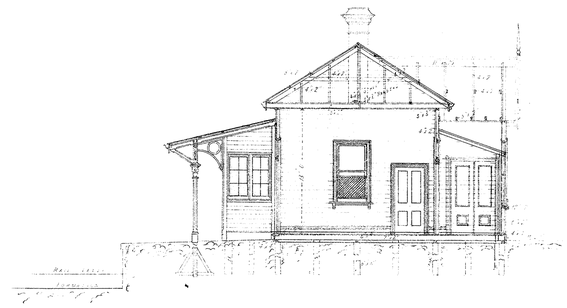
ELEVATION TO ROADWAY

VICTORIAN RAILWAYS.

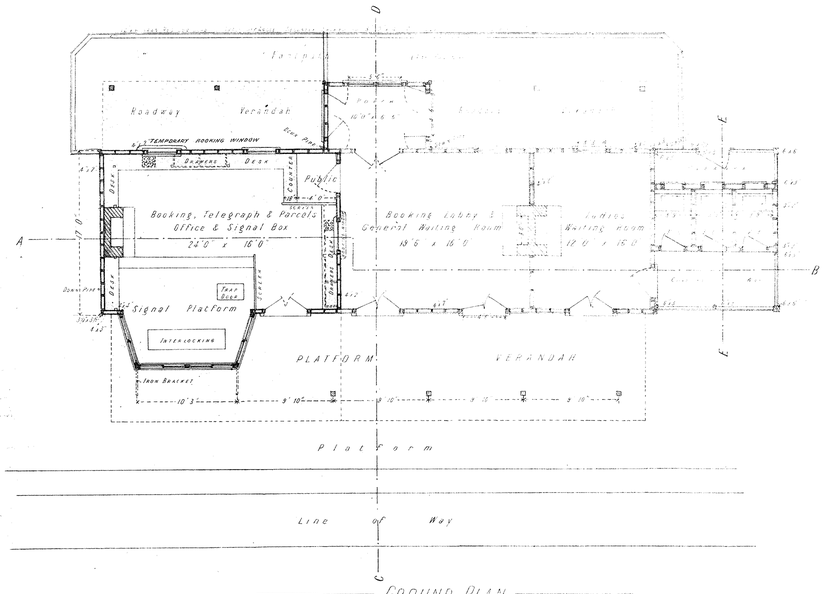
DIMBOOLA AND SOUTH AUSTRALIAN BORDER LINE

~~STATION BUILDINGS~~ Signal Box &c. at Serang Serung Tarranginnie & Lear Station

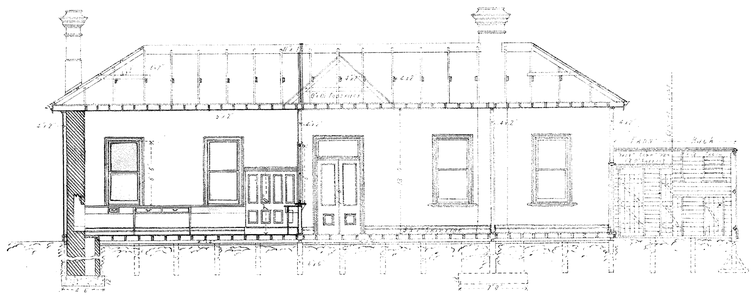
SCALE ⅛ INCH TO A FOOT



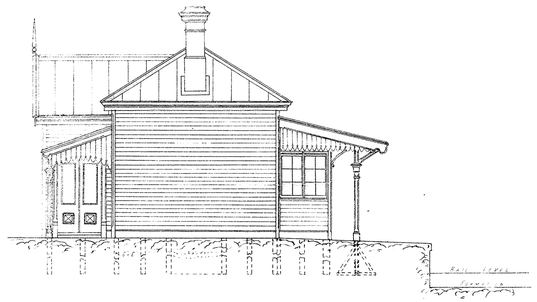
SECTION C-D



GROUND PLAN



SECTION A-B



END ELEVATION

I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 4th day of March/59

RAILWAY DEPARTMENT, MELBOURNE, JULY 1887
Nº 1114.

VICTORIAN RAILWAYS PLAN ROOM FEB 7 1919

ENGINEER FOR EXISTING L
CONTRACT 3810
EXHIBITED IN T
CONTRACTORS' R
From 2/2/59 To 2/3/59

VICTORIAN RAILWAYS,

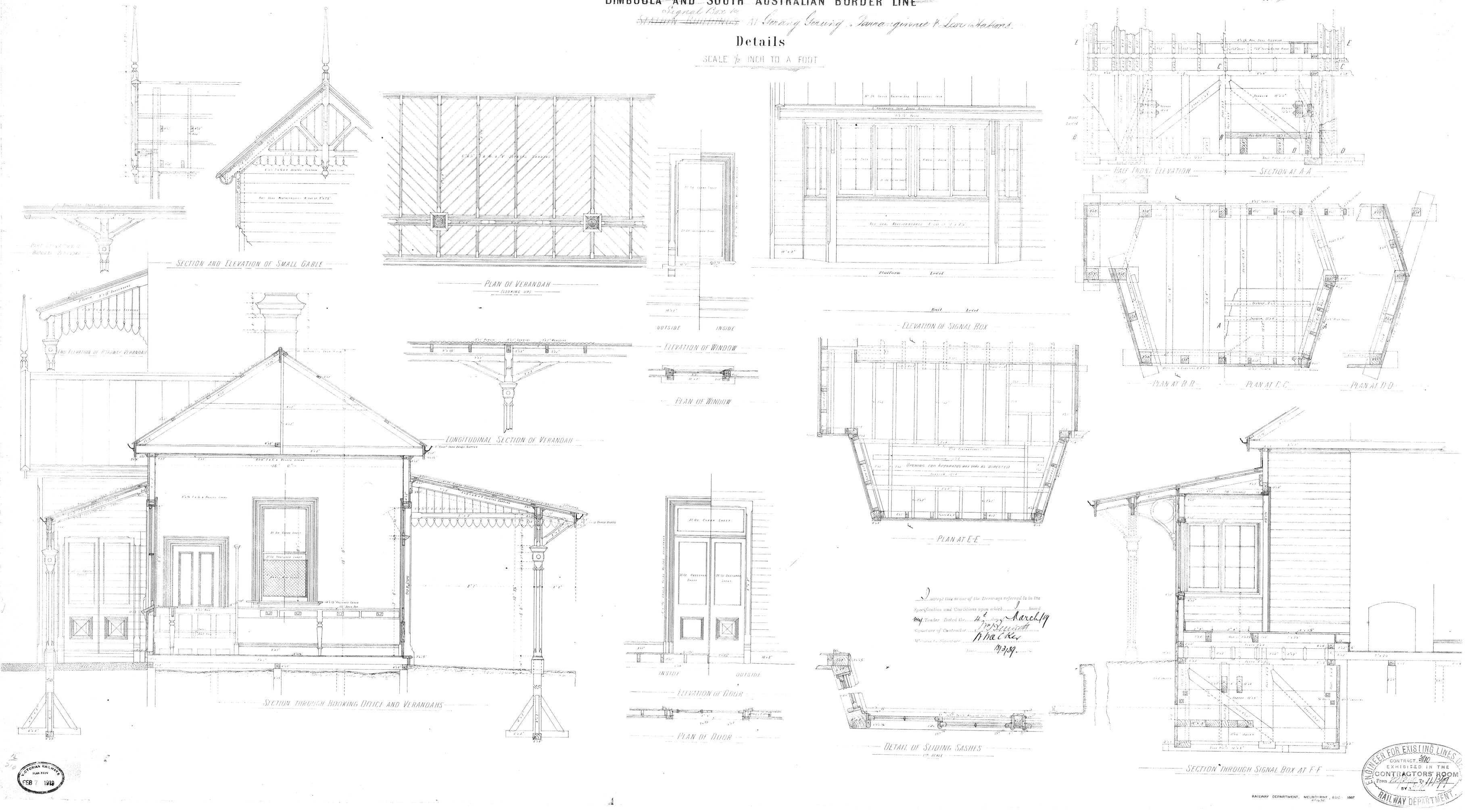
DIMBOOLA AND SOUTH AUSTRALIAN BORDER LINE

CONTRACT No 3810
No 2

~~STATION BUILDINGS~~ Signal Box &c At Gerang Gerung, Tarranginnie & Leor Stations.

Details

SCALE ½ INCH TO A FOOT



I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 4th day March/89
Signature of Contractor [signature]
Witness to Signature [signature]
Date 18/3/89.

VICTORIAN RAILWAYS PLAN COPY FEB 7 1919

ENGINEER FOR EXISTING LINES OF RAILWAY DEPARTMENT
CONTRACT 3810
EXHIBITED IN THE CONTRACTORS' ROOM
From 22/2/89 To 11/3/89
BY

RAILWAY DEPARTMENT, MELBOURNE, AUG. 1887

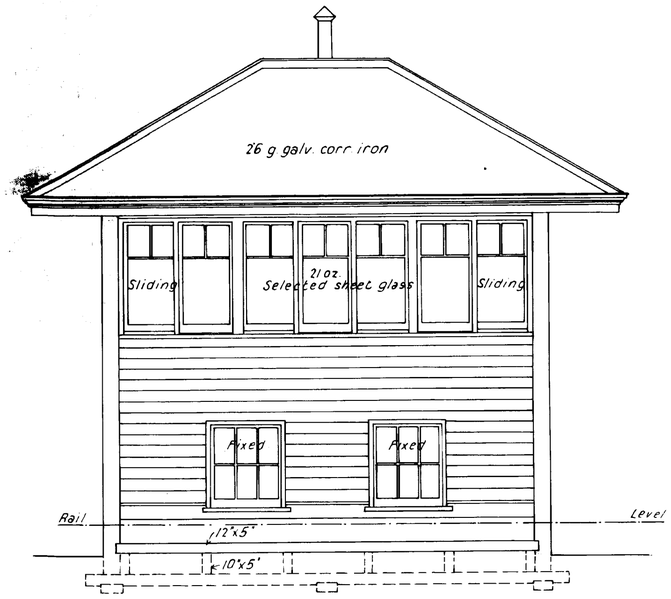
V. R.

BETWEEN GERMANTOWN & PETTAVEL

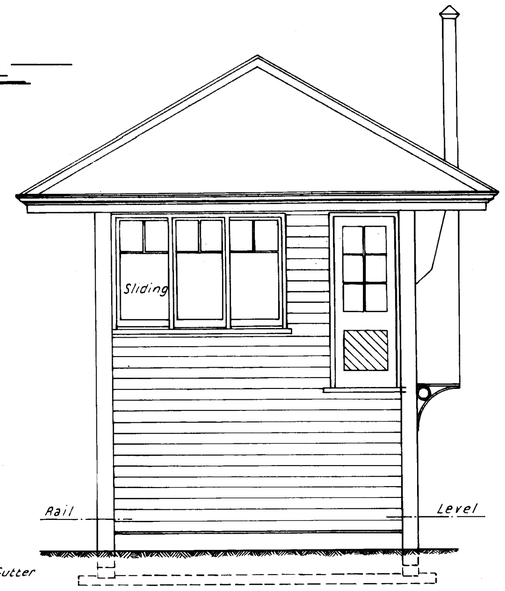
NEW SIGNAL BOX

Scale 4 Feet to an Inch

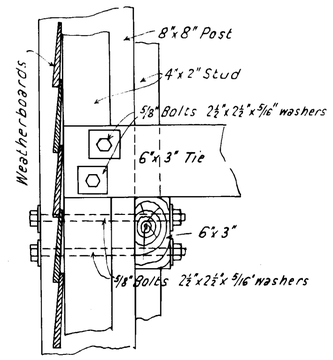
55 13 6 13.

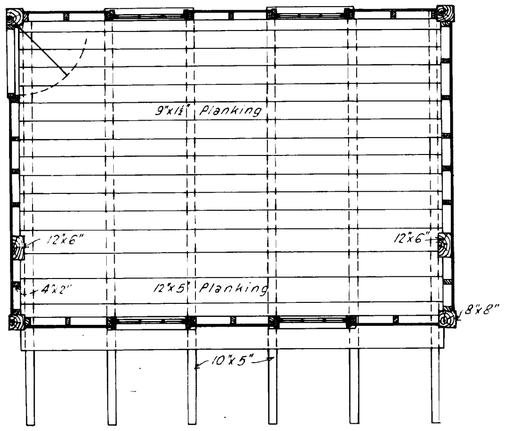


FRONT ELEVATION

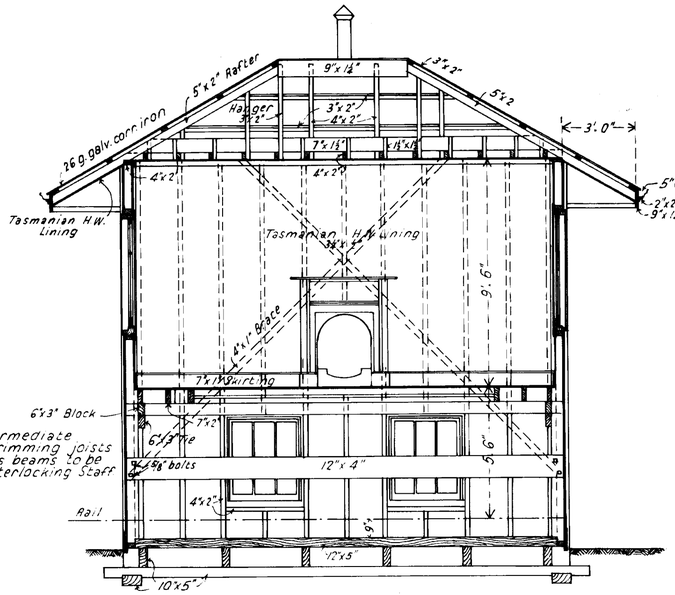


END ELEVATION





LOWER FLOOR PLAN

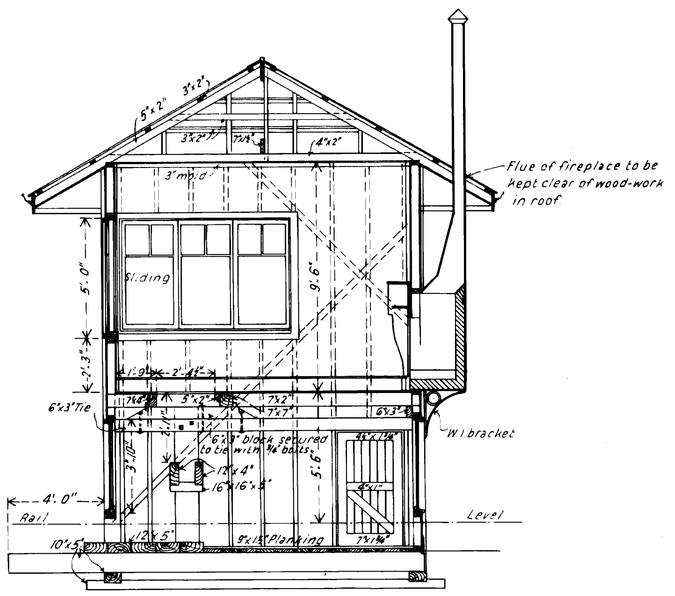


Note. Intermediate supports to trimming joists and apparatus beams to be fixed by interlocking Staff

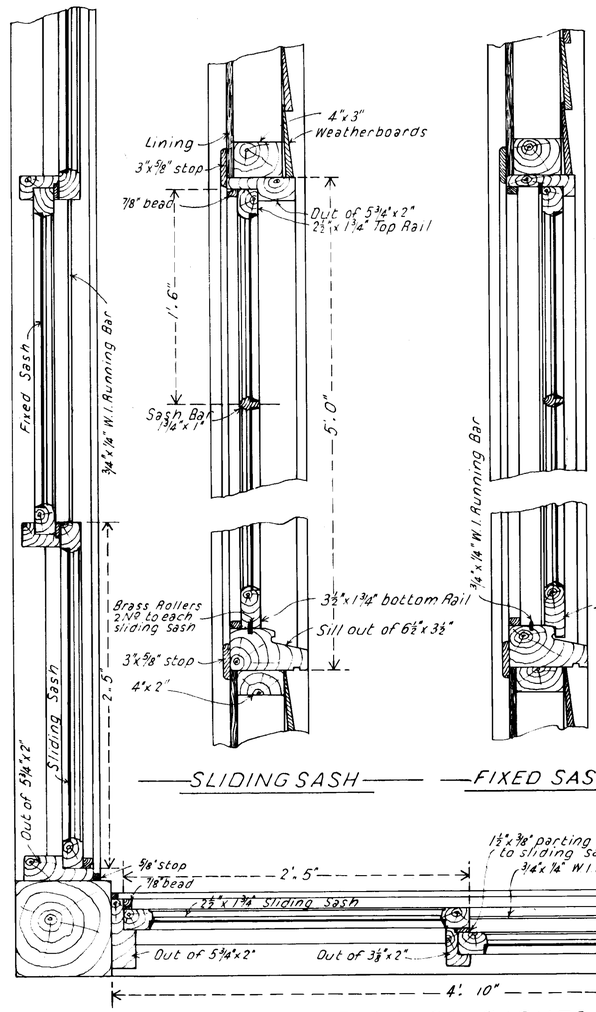
LONGITUDINAL SECTION

Staff Platform and Steps to be erected at this end.

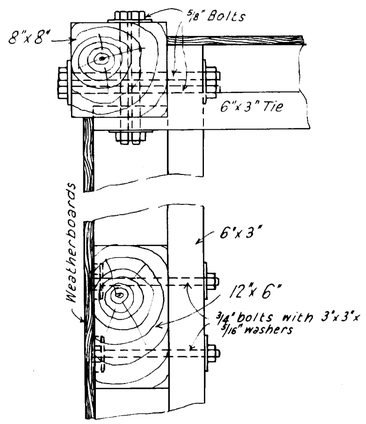
UPPER FLOOR PLAN



CROSS SECTION



SLIDING SASH — FIXED SASH



DETAIL OF HORIZONTAL TIES
1½" = 1'-0"

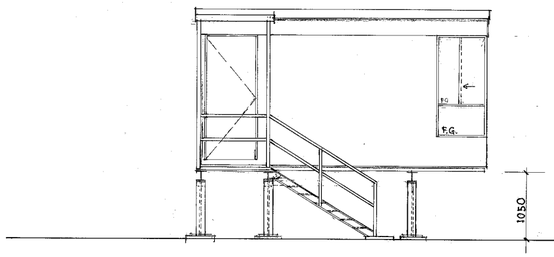
DETAIL OF SASHES
1½" = 1'-0"

13. 6. 13

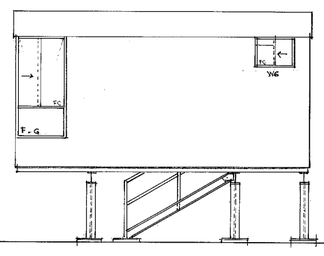
13.6.13

46

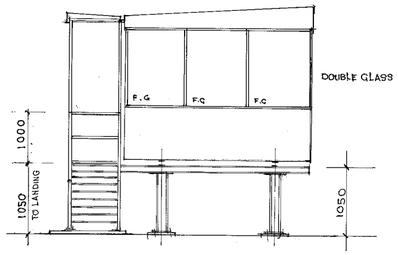
1355·13



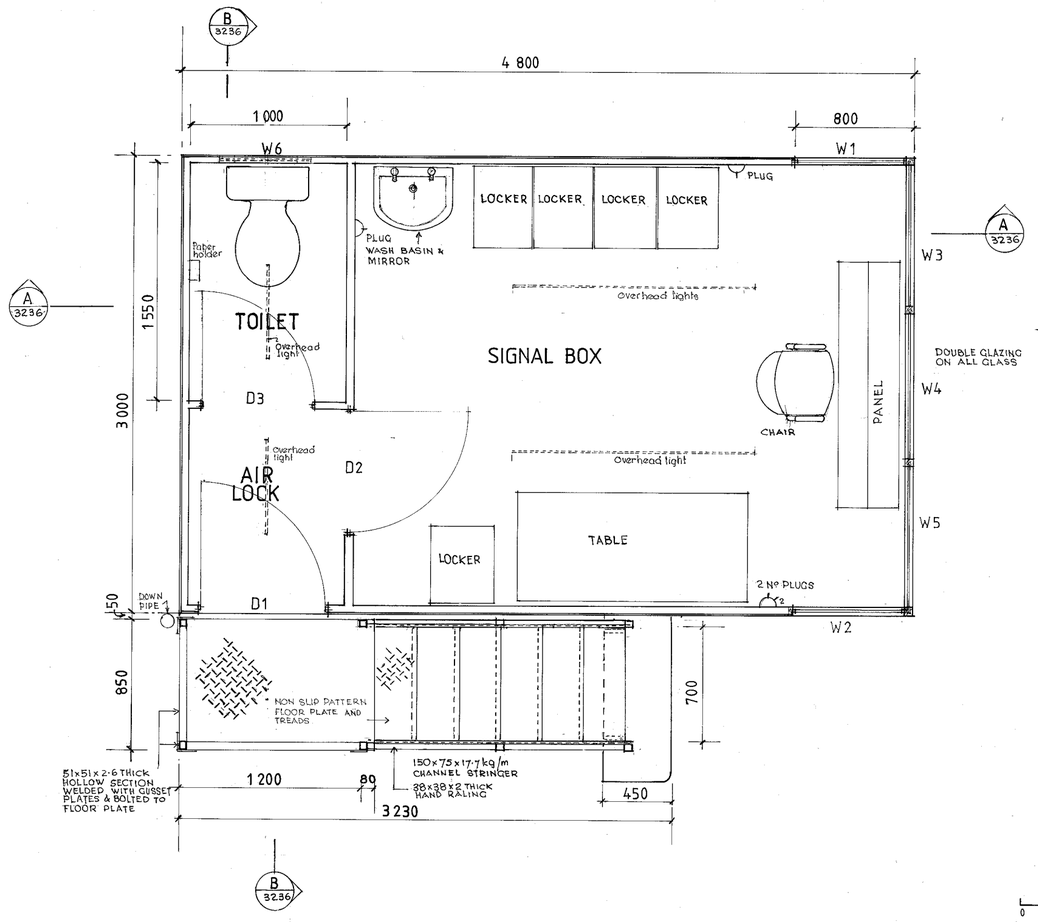
WEST ELEVATION



EAST ELEVATION



SOUTH ELEVATION



PLAN AT FLOOR LEVEL

1:20

SCHEDULE OF DOORS & WINDOWS

D1	2040×820	HEAVY QUALITY EXTERNAL TYPE DOOR WITH 1½ PAIRS OF GALVANIZED BUTT HINGES 75×75 mm. PROVIDE 001 SERIES LOCKWOOD KEYED TO VR. LS 22 PROVIDE HEAVY DUTY DOOR CLOSER.
D2	2040×820	'HONEY COMB' FLUSH PANEL PAINT QUALITY INTERNAL TYPE PLYWOOD DOOR, WITH 600×500 mm CLEAR GLASS PANEL 1300 mm ABOVE FLOOR LEVEL. PROVIDE 1½ PAIRS OF GALV. 75×75mm BUTT HINGES. INSTALL PUSH PLATE & 'D' PULL, SATIN FINISH.
D3	2040×720	'HONEY COMB' FLUSH PANEL PAINT QUALITY INTERNAL TYPE PLYWOOD DOOR, WITH 1½ PAIRS OF GALV 75×75 mm BUTT HINGES. INSTALL PUSH PLATE 'D' PULL, SATIN FINISH. 800 SURFACE MOUNTED TOILET BOLTS' PROVIDE LIGHT DUTY DOOR CLOSER.
W1	1600×750	ALLUMINIUM BRONZE FINISH DOUBLE GLASS 'COWDROY' SLIDING WINDOW 1200×750. BOTTOM 400×700 DOUBLE GLASS FIXED PANEL
W2	1600×750	AS ABOVE
W3, 4 & 5.	1200×900	BRONZE FINISH DOUBLE GLASS FIXED WINDOWS.
W6	450×650	ALLUMINIUM BRONZE FINISH FIXED VENT TYPE WITH FLY-SCREEN

ELECTRICITY

6 Nº FLUORESCENT LIGHTS.
4 Nº PLUG POINTS.

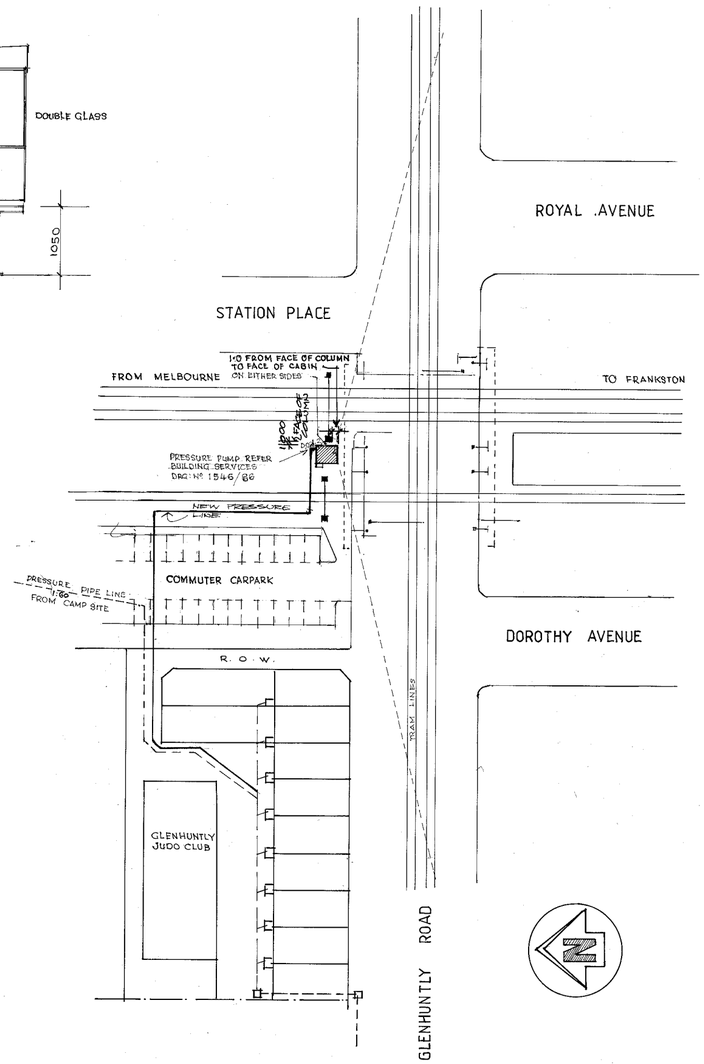
DRAINAGE.

1 Nº PROPOSED W.C.
1 Nº " WASH BASIN.

OTHER REQUIREMENTS

5 Nº LOCKERS
1 Nº DESK FOR CONTROL PANEL & DIAGRAM
1 Nº ERGONOMIC CHAIR FOR ABOVE
1 Nº TABLE FOR FOOD PREPARATION
1 Nº KETTLE & FOOD WARMER.
4 Nº TELEPHONES.

INSTALL HVAC WINDOW UNIT TYPE 3/4 H.P
INSTALL NOISE INSULATION.



SITE PLAN

Scale = 1:500

0 50 100 150mm

APPROVALS	REV'N	DATE	DESCRIPTION	REV'D BY		MG'R
STRUCTURAL DESIGN ENGINEER	A	16.1.87	SET OUT DIMENSIONS INDICATED ON SITE PLAN AND SEWARAGE LINE REDIRECTED	V.P.		
MANAGER SIGNAL AND COMMUNICATION 10-11-86						
GROUP MANAGER RAIL OPERATIONS 18.12.86						

DESIGNED	DRAWN
	H.V.P
CHECKED	CORRES
BUILDING DESIGN CO-ORDINATOR 22.12.86	

METROPOLITAN TRANSIT AUTHORITY OF VICTORIA

GLENHUNTLY
PROPOSED SIGNAL BOX
PLAN ELEVATIONS AND SITE PLAN.

Metrail

MANAGER · CIVIL ENGINEERING DEPARTMENT ·

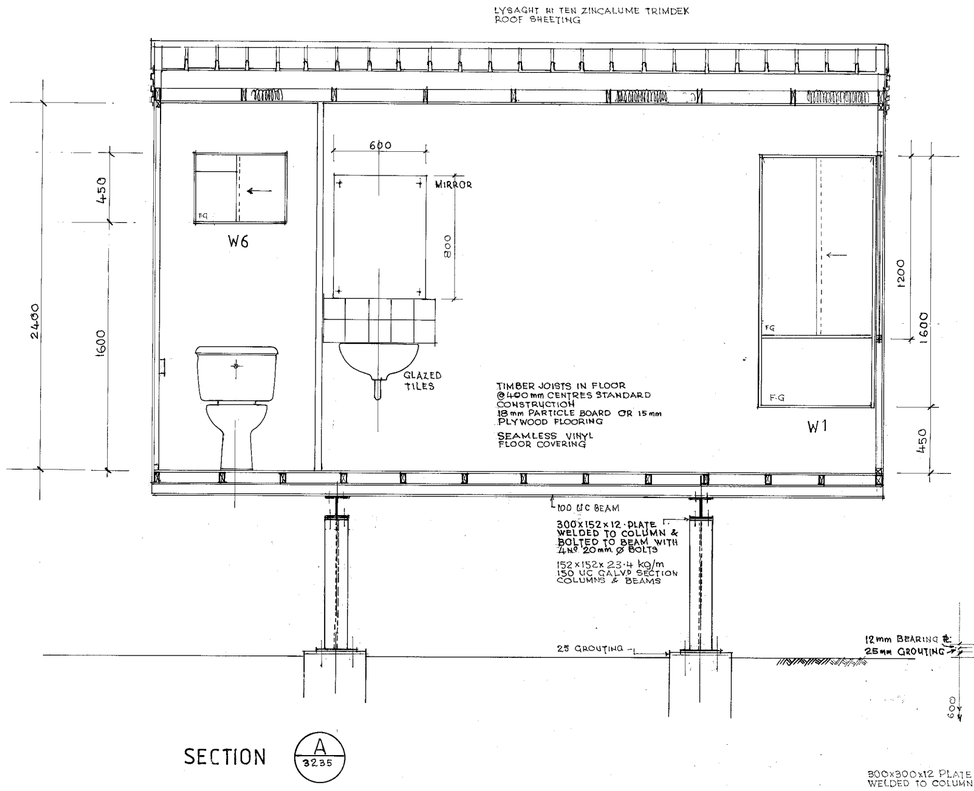
DATE 22·12·86

SCALE 1:20; 1:50

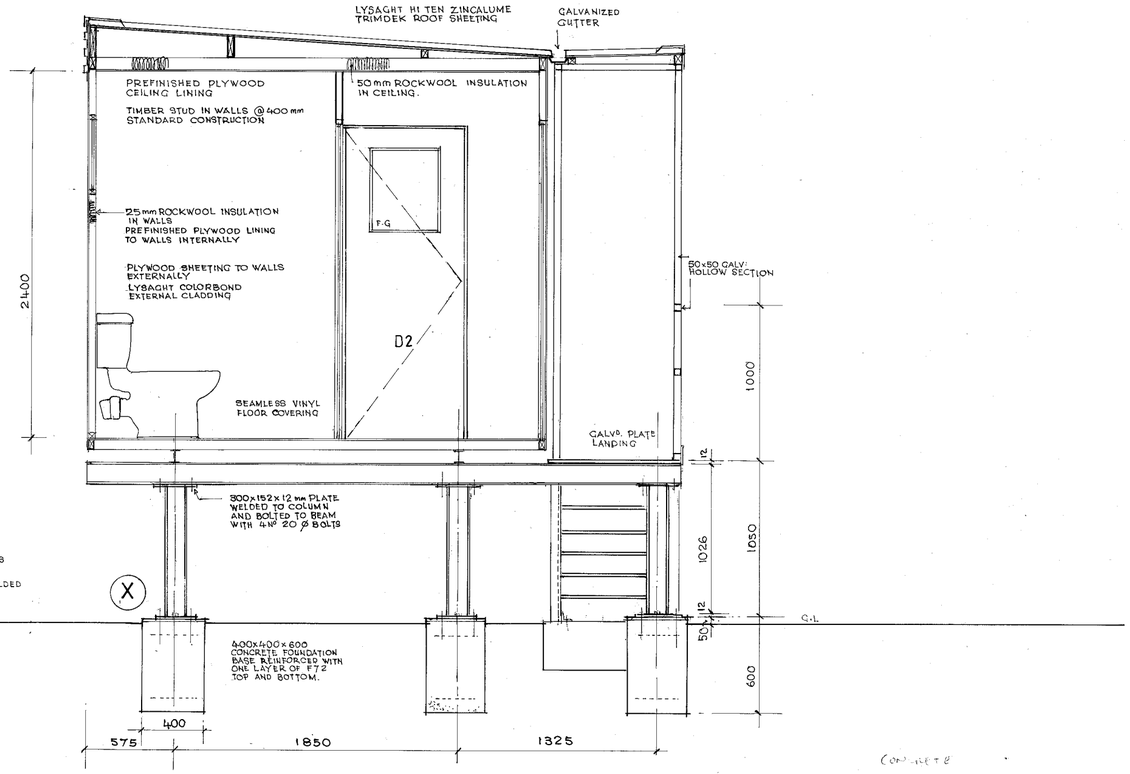
INDEX YB 3235

DRAWING No. 1372/86

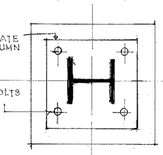
REV'N A



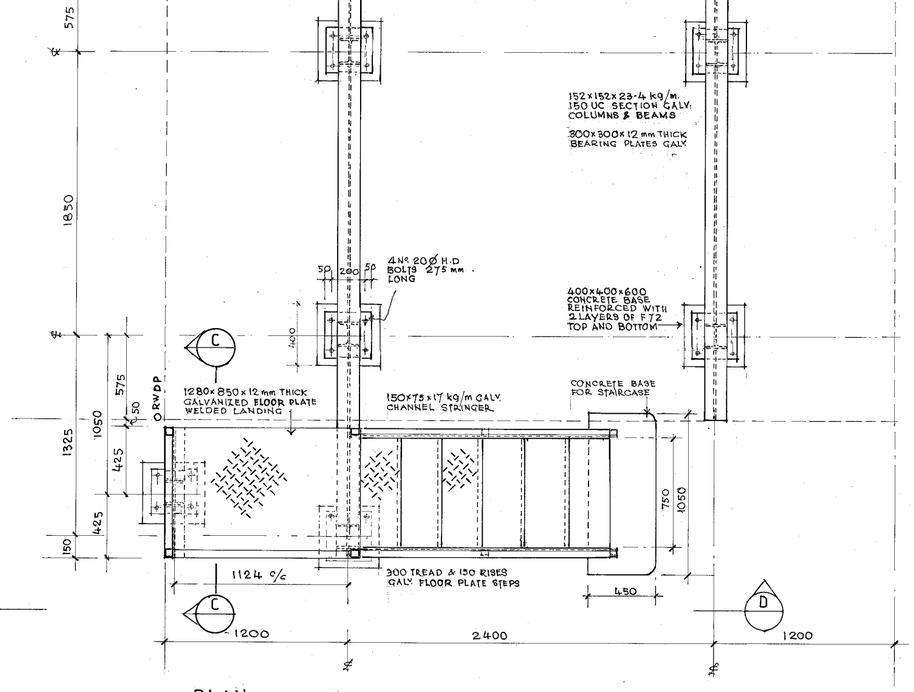
SECTION (A) 3235



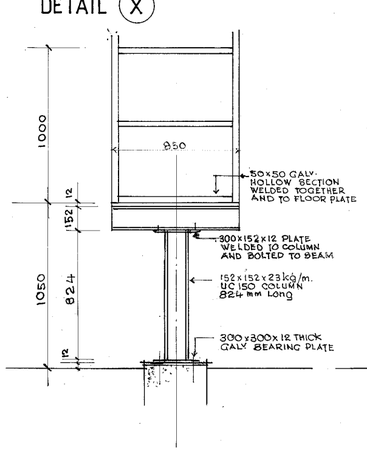
SECTION (B) 3235



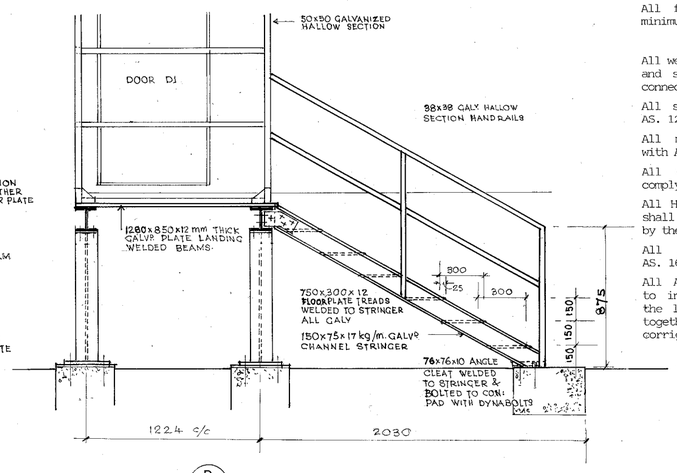
DETAIL (X)



PLAN



SECTION (C)



SECTION (D)

0 50 100 150mm

CONCRETE NOTES:

All concrete shall be normal weight and shall have a 28 day compressive strength of not less than 30 MPa. ordered to Stores Schedule.

All reinforcing fabric shall comply with AS. 1304.

All footings to be based on natural ground having a minimum bearing capacity of 100 Kpa.

STEELWORK NOTES

All welds shall be 6mm. fillet welds unless noted otherwise and shall be made continuous around all sides of the connected parts.

All structural steel shall be Grade 250 complying with AS. 1204.

All materials, fabrication and erection shall comply with AS. 1250.

All Commercial Grade Bolts, nuts and washers shall comply with AS. 1111, AS. 1112 and AS. 1237.

All H.D. Bolts, Commercial Grade Bolts, nuts and washers shall be hot-dip galvanised in accordance with AS.1214 by the bolt manufacturer.

All steelwork to be galvanised in accordance with AS. 1650.

All Australian Standards or Codes of Practice referred to in these drawings shall always be taken to include the latest issues of such Standard of Code of Practice together with the latest supplements, amendments, addenda, corrigenda, errata, etc. relating thereto.

APPROVALS	REV'N	DATE	DESCRIPTION	REV'D BY		MG'R
STRUCTURAL DESIGN ENGINEER						
GROUP MANAGER RAIL OPERATIONS 18.12.86						
MANAGER SIGNAL AND COMMUNICATION 10.11.86						

DESIGNED	DRAWN H.V.P
CHECKED	CORRES

BUILDING DESIGN CO ORDINATOR 22.12.86

METROPOLITAN TRANSIT AUTHORITY OF VICTORIA

GLENHUNTLY
PROPOSED SIGNAL BOX
SECTIONS AND DETAILS

MetRail
MANAGER CIVIL ENGINEERING DEPARTMENT
DATE 22.12.86

SCALE 1:20

INDEX YB 3236

DRAWING No. 1373/86 REV'N

—V. R.—

— GLENORCHY —

— New Signal Box Booking Office etc. —

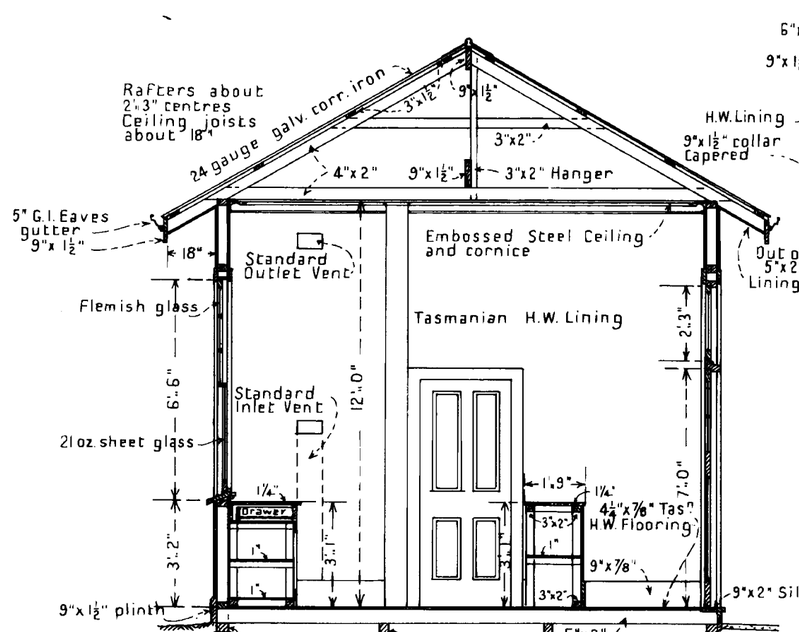
— Scale 8 Ft. to an Inch. —

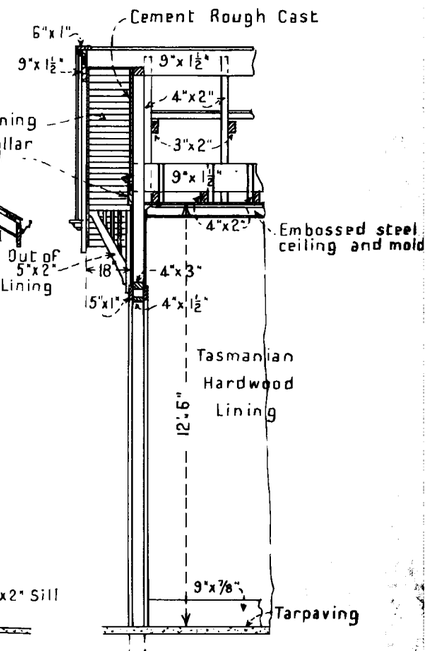
LEM 9·9·13

W.W. 18591/11



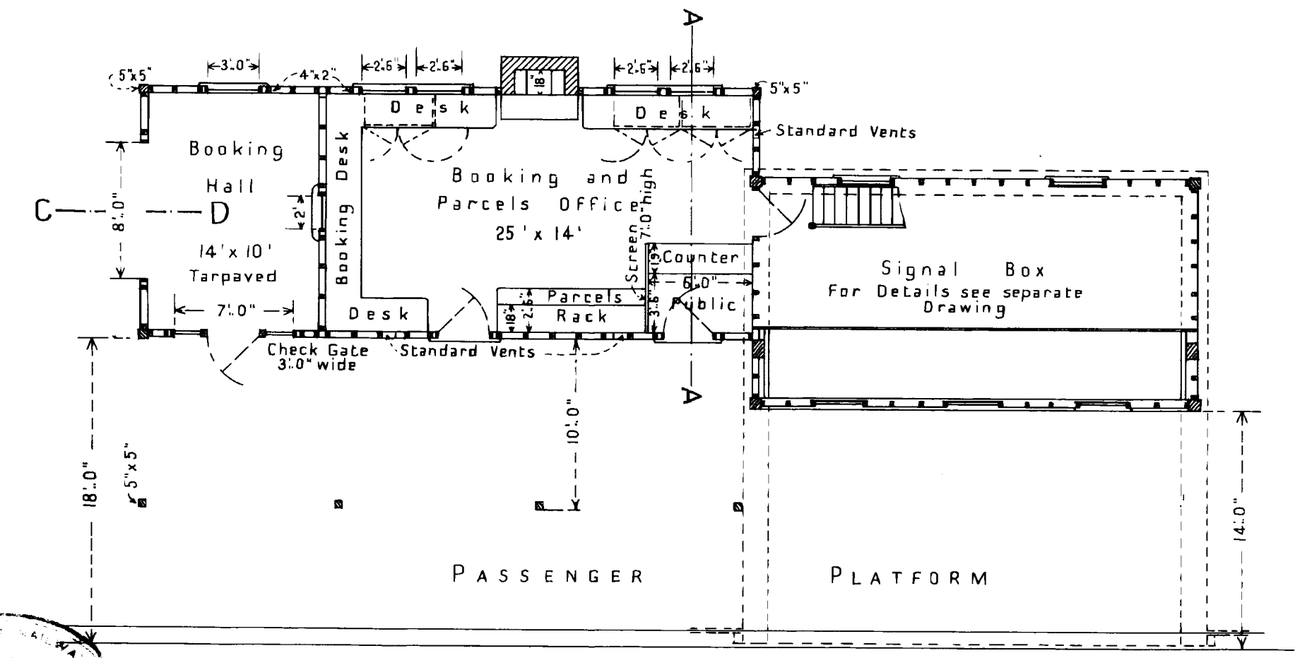
— ELEVATION TO PLATFORM —



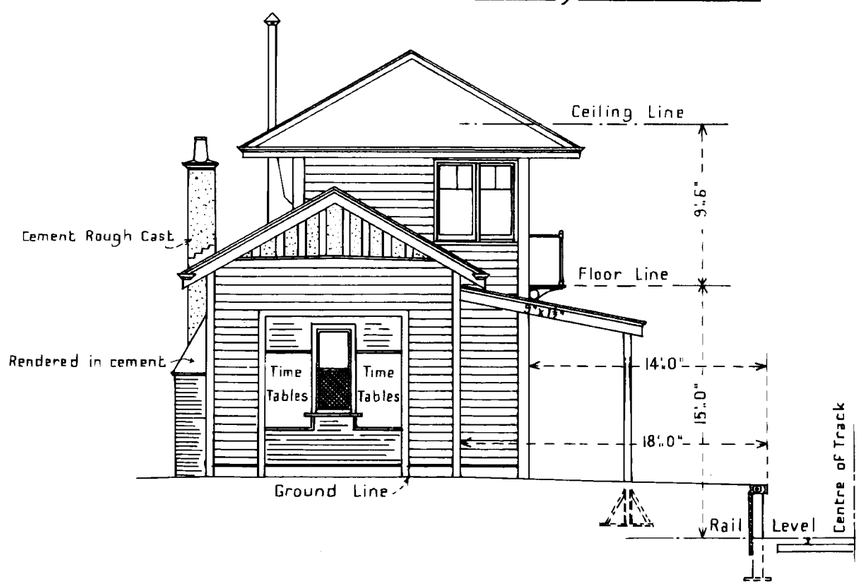


— SECTION A-B — — SECTION C-D. —

— Scale, 4 Ft = 1 Inch. —



— PLAN —



— END ELEVATION —

2/55.13

VICTORIAN RAILWAYS
OCT 1913

Stark

10.9.13

M.R.R.
11.9.13.

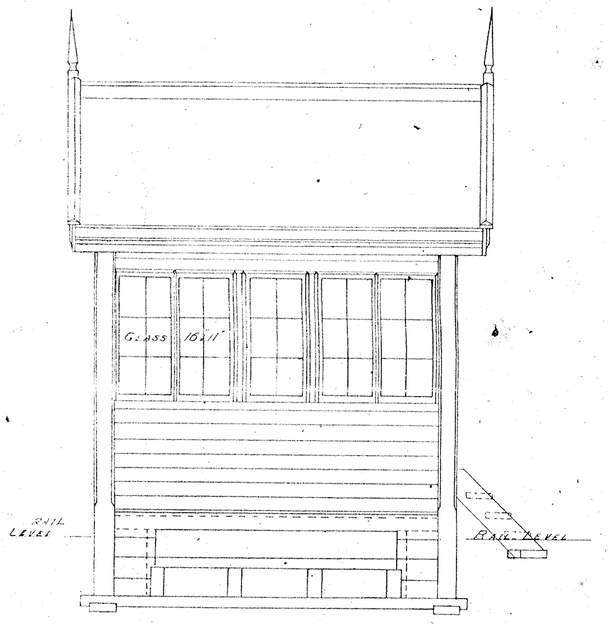
VICTORIAN RAILWAYS.

BALLARAT & DIMBOOLA LINE

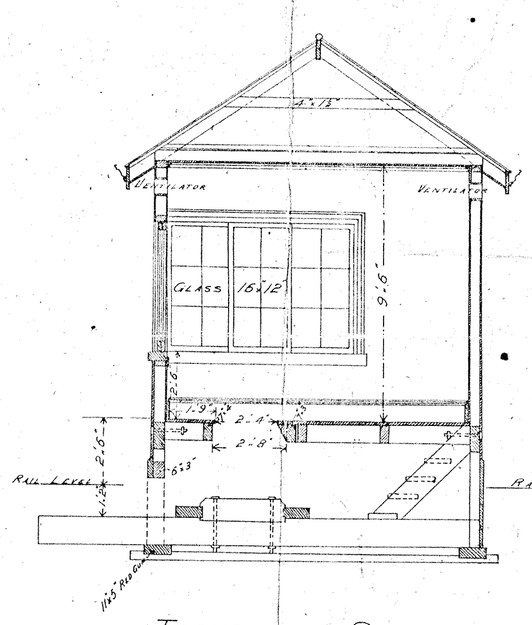
SIGNAL BOX AT Grampians Junction

CONTRACT No. 2812

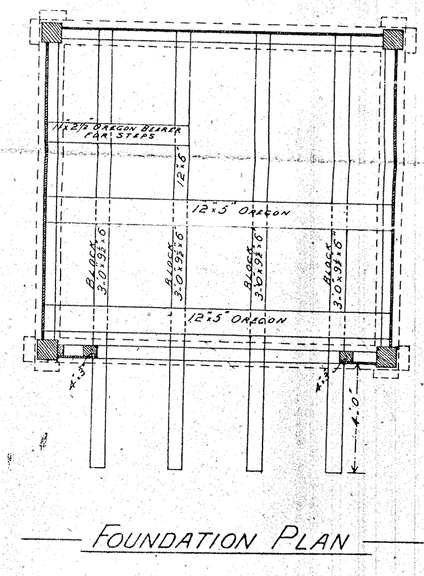
SCALE 4 FEET TO ONE INCH



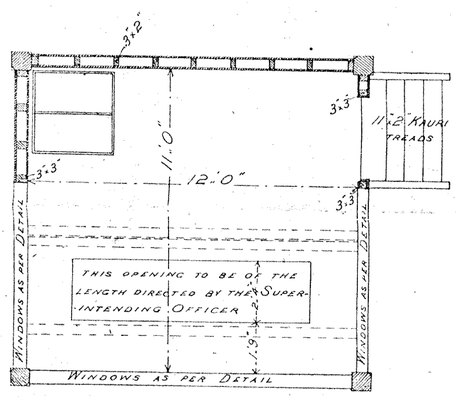
FRONT ELEVATION



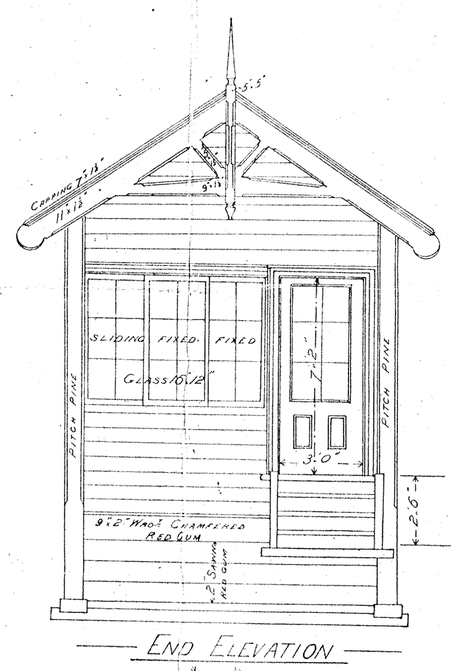
TRANSVERSE SECTION



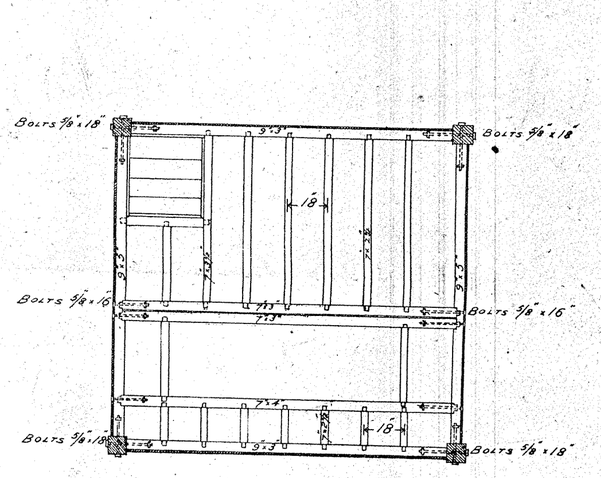
FOUNDATION PLAN



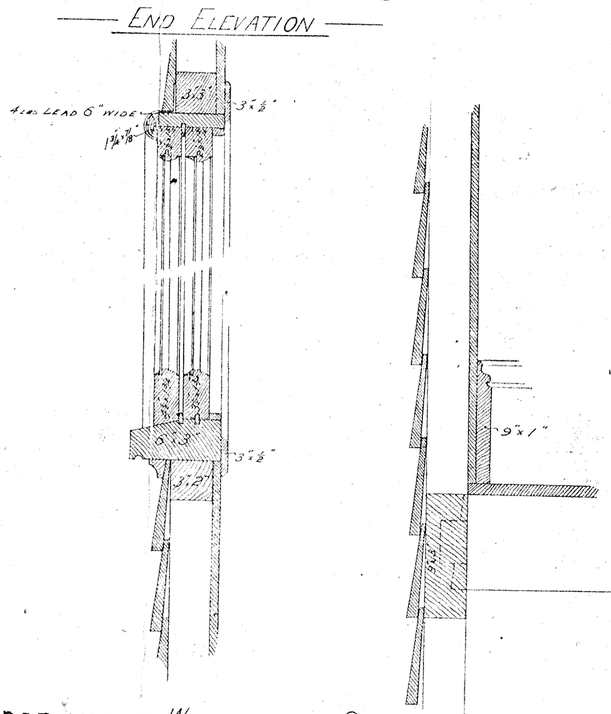
GROUND PLAN AT C.D



END ELEVATION



PLAN SHOWING FLOOR JOISTS &c



SECTION THRº WINDOWS — SECTION AT FLOOR LINE

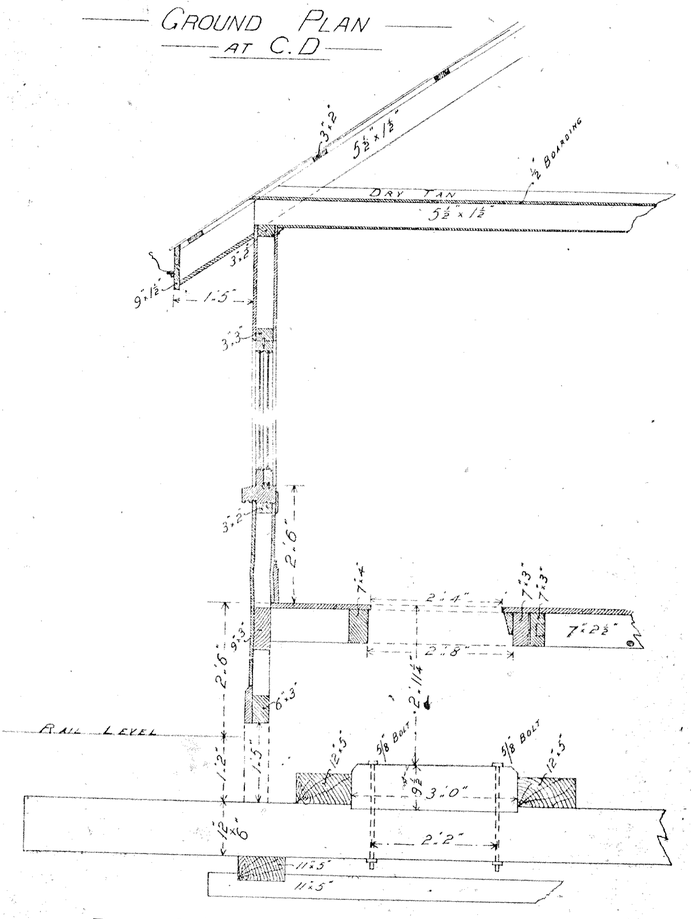
1/8" FULL SIZE

I ..... accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 4th day of April 1887

Signature of Contractor J Ben Quilton

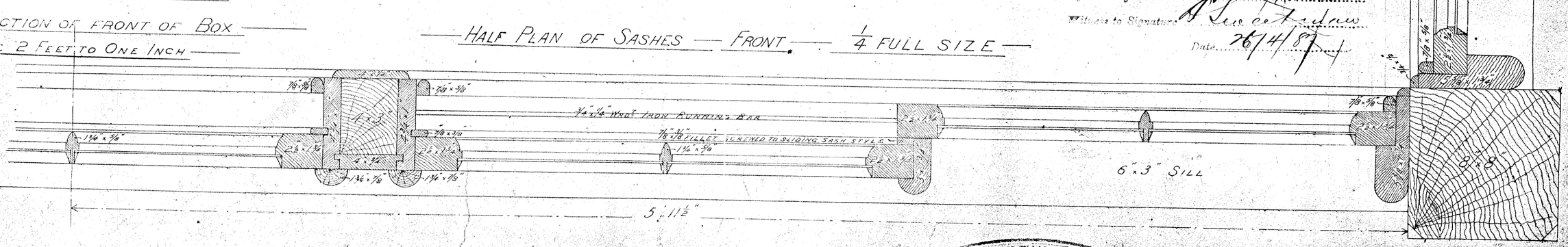
Witness to Signature Lee & Andrew

Date 26/4/87



PART SECTION OF FRONT OF BOX

SCALE 2 FEET TO ONE INCH

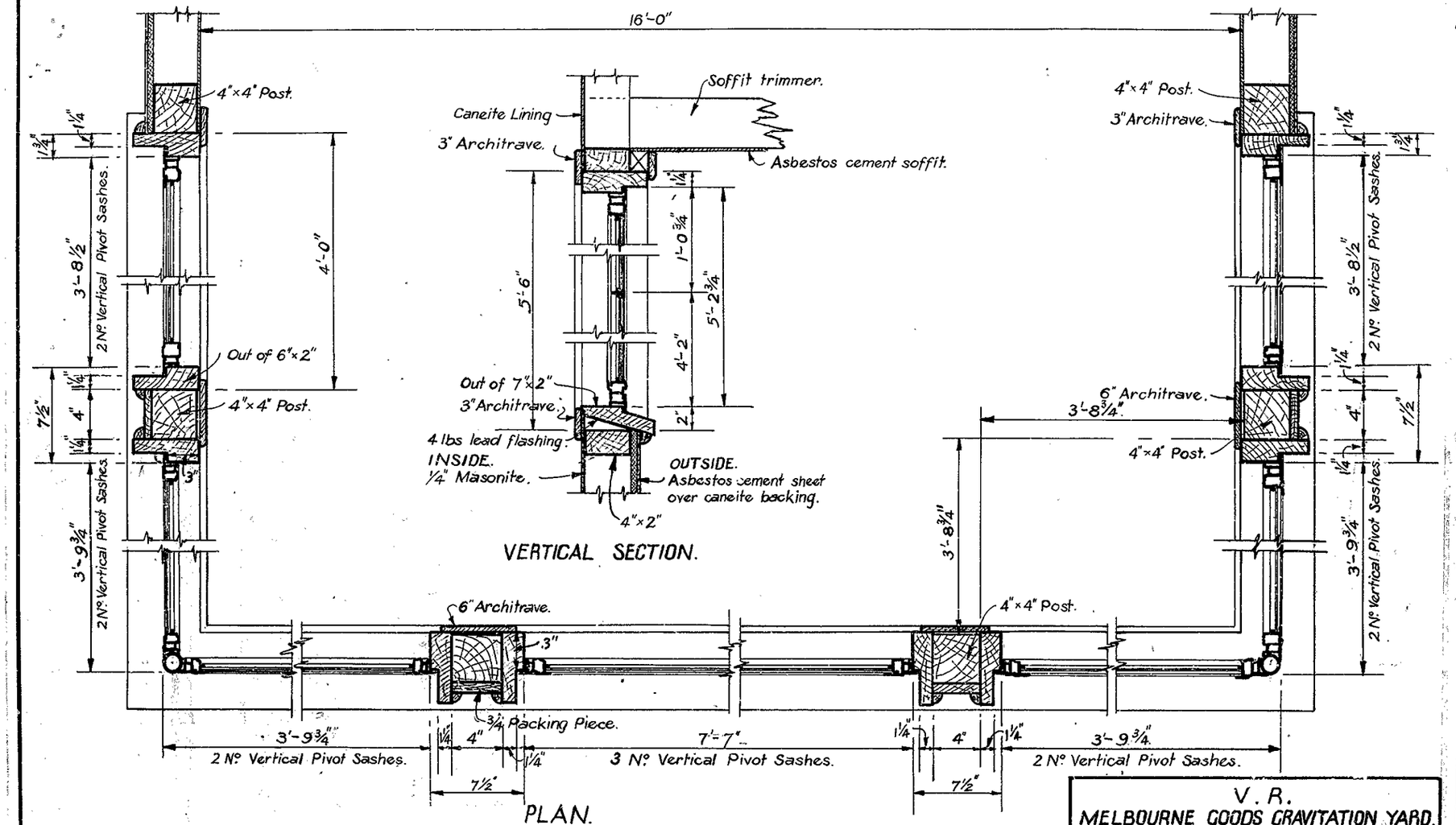


HALF PLAN OF SASHES — FRONT — 1/4 FULL SIZE

ENGINEER FOR EXISTING LINES OFFICE
CONTRACT 2812
EXHIBITED IN THE CONTRACTORS' ROOM
10/3/87 to 21/3/87
and from 25/3/87 to 26/4/87

RAILWAY DEPARTMENT, MELBOURNE, FEB. 1887
No 247

END



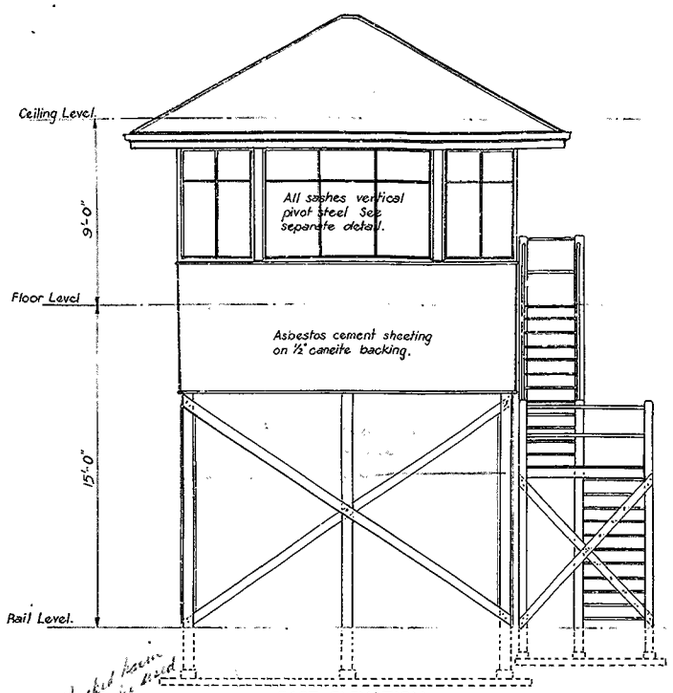
Timber frames for steel sashes to be supplied and fitted by the Department.
Steel sections used in frames to be arranged with Contractor.

See Plan Nº 739-46 for Box details.

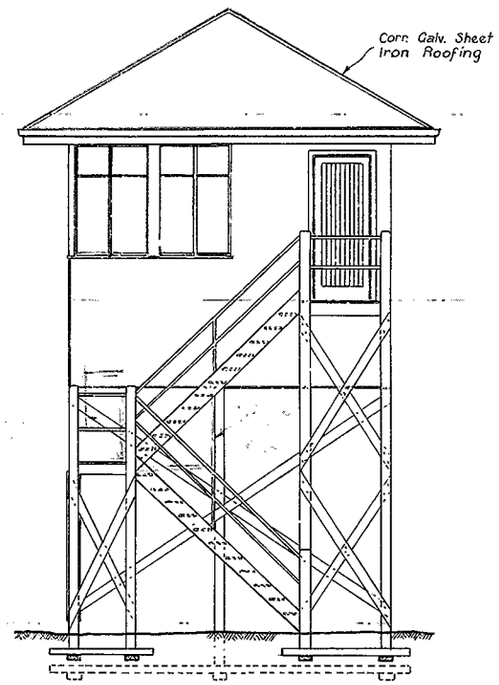
V. R.
MELBOURNE GOODS GRAVITATION YARD.
NEW HIGH LEVEL SIGNAL BOX.
DETAILS OF STEEL WINDOW SASHES.
Scale 1½" = 1'-0"

Chief Civil Engineer.

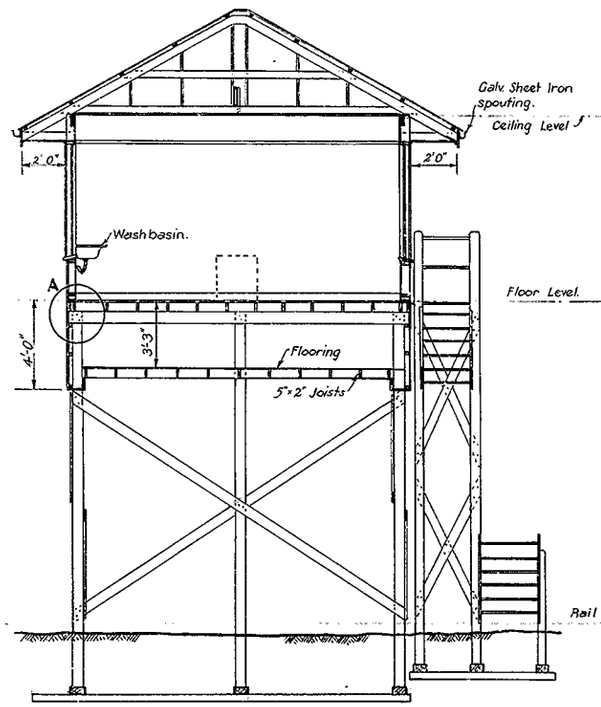
Work Completed.					
Drawn. G.W.D.	Check. L.E.M.	Corres. 5709/46	Chief Architect. 13-1-1947	B.209 D.65.	PLAN Nº 10-47.



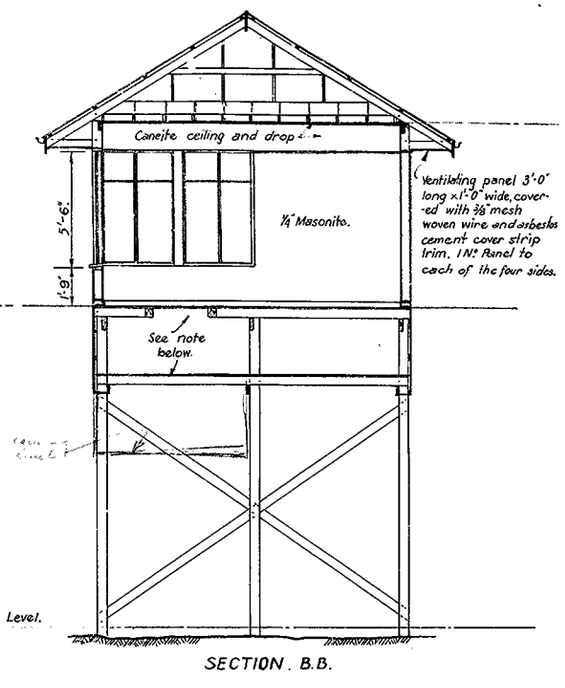
EAST ELEVATION.



NORTH ELEVATION.

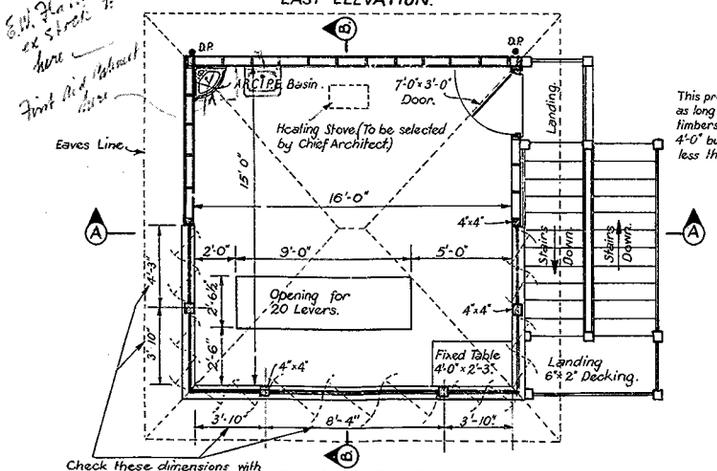


SECTION A.A.



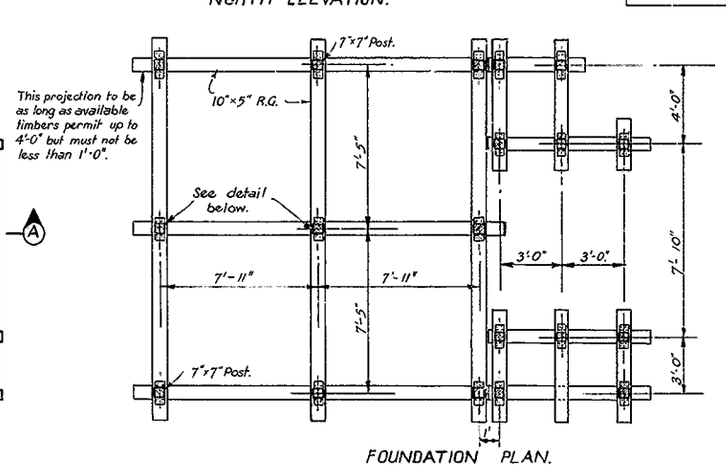
SECTION. B.B.

Opening and frame for signal levers to be constructed in accordance with Signal and Telegraph Engineers Plan No. F 1491.
The necessary openings to be cut in the false floor below to permit the wires to be operated, but to be as small as possible to reduce the draught.



Check these dimensions with steel sash detail drawing before setting out on the job. (See Plan No. 10-47)

FLOOR LEVEL PLAN.

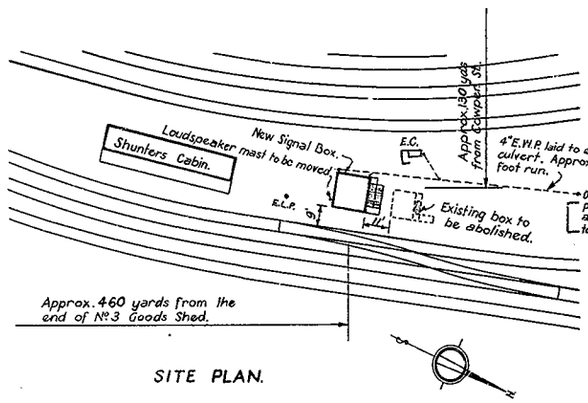


FOUNDATION PLAN.

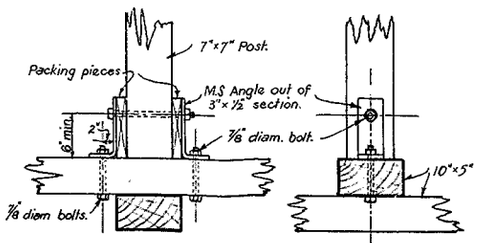
SCHEDULE OF TIMBER FRAMING SIZES.

Sole Plate.	10"x5"	Red Gum.
Posts.	7"x7"	Red Gum.
Braces	7"x3"	Hardwood.
Wall Plates & Studs.	4"x2"	Hardwood.
Trimmers.	4"x2"	"
Collar Ties.	4"x1½"	"
Rafters.	4"x2"	"
Purlins.	3"x1½"	"
Bearers.	7"x4"	"
Hips.	9"x1"	"
Strings.	12"x2½"	Red Gum.
Treads.	2 No. 6"x2".	" "
Fascia.	9"x1½".	Hardwood
Hand Rail.	Top. 3"x3"	Red Gum.
" "	Bottom. 3"x1½".	" "
Flooring.	4⅛"x⅜". T&G.	Hardwood.
Skirting.	7"x¾".	" "

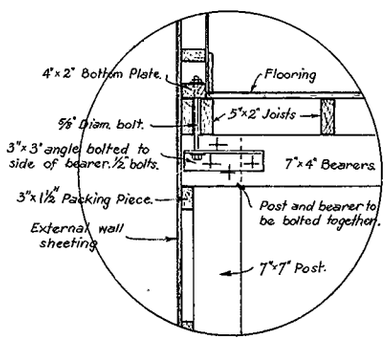
Joists. Floors 5"x2"; ceiling 4"x1½". Hardwood.
General Materials.
Roof. Corr: Galv. Sheet Iron.
Spouting. Galv. Sheet Iron.
Walls. Internal. ¼ Masonite Standard to head of windows.
½" Caneite ceiling and drop.
External. Asbestos cement sheeting over ½" Caneite.
Soffits. Asbestos cement sheet.



SITE PLAN.



DETAIL OF FOUNDATION FIXING.



DETAIL AT A.

GENERAL NOTES.

Foundations MUST NOT be more than 3'-0" BELOW RAIL LEVEL, and the cross members to be securely spiked to each other.
An E.C. to be provided (Standard see Plan No. F.334) near signal box (see site plan) for the use of the signalman only, and therefore to be fitted with a suitable lock.
The stairs to be constructed with the treads secured to the strings with angle irons and bolts.

V.R.

MELBOURNE GOODS GRAVITATION YARD.

NEW HIGH LEVEL SIGNAL BOX.

Scale 1", ¼" & 1/40 = 1'-0"

23/12/48
Chief Civil Engineer.

Work Completed 20-10-48.			Chief Architect. 28-12-1948	B. 208. B. 65.	PLAN No. 739-46.
Drawn by G.W.D.	Check by L.E.M.	Corres. 5782/46			

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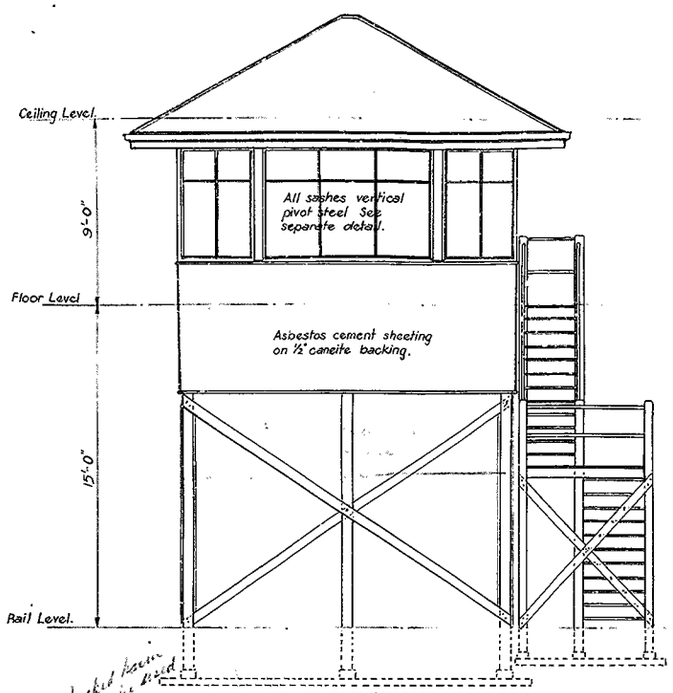
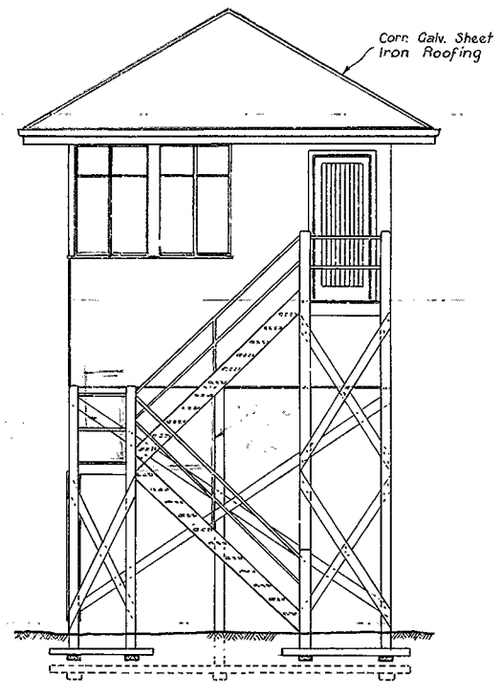
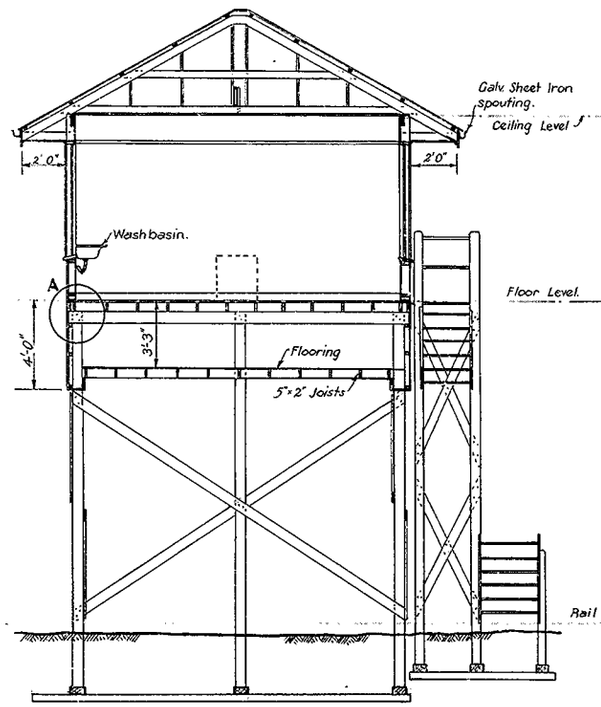


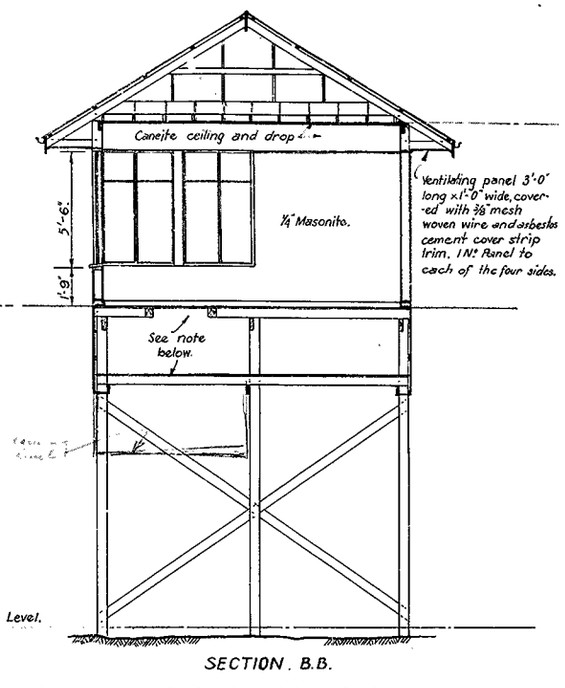
EAST ELEVATION.



NORTH ELEVATION.

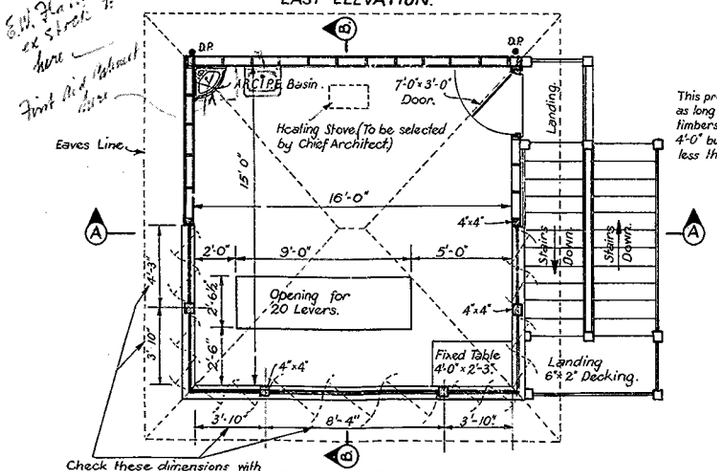


SECTION A.A.



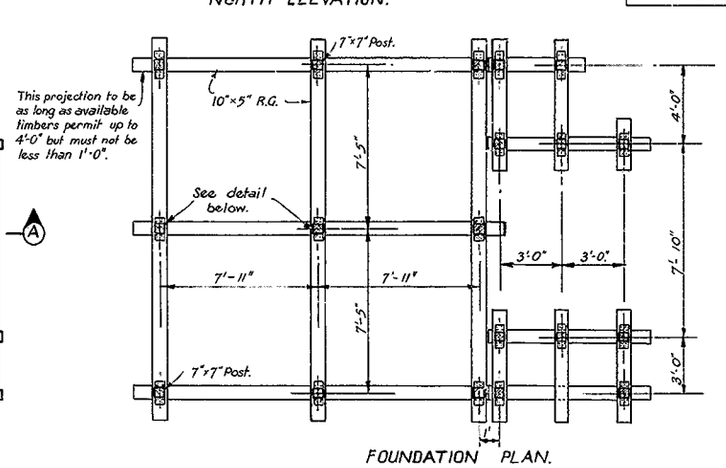
SECTION. B.B.

Opening and frame for signal levers to be constructed in accordance with Signal and Telegraph Engineers Plan No. F 1491.
The necessary openings to be cut in the false floor below to permit the wires to be operated, but to be as small as possible to reduce the draught.



Check these dimensions with steel sash detail drawing before setting out on the job. (See Plan No. 10-47)

FLOOR LEVEL PLAN.



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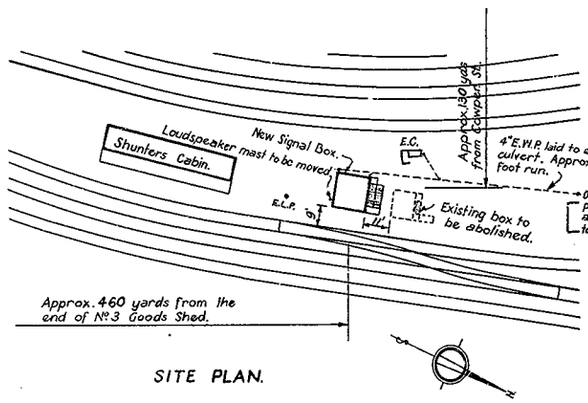
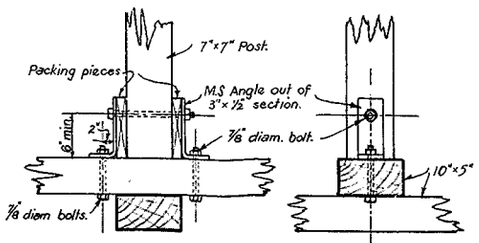
Collar Ties.	4"x1½"	"
Rafters.	4"x2"	"
Purlins.	3"x1½"	"
Bearers.	7"x4"	"
Hips.	9"x1"	"
Strings.	12"x2½"	Red Gum.
Treads.	2 No. 6"x2".	" "
Fascia.	9"x1½".	Hardwood
Hand Rail.	Top. 3"x3"	Red Gum.
" "	Bottom. 3"x1½".	" "
Flooring.	4⅛"x⅜". T&G.	Hardwood.
Skirting.	7"x¾".	" "

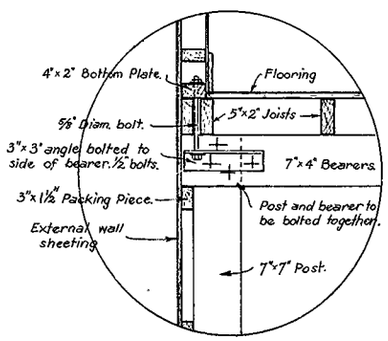
Joists. Floors 5"x2"; ceiling 4"x1½". Hardwood.
General Materials.
Roof. Corr: Galv. Sheet Iron.
Spouting. Galv. Sheet Iron.
Walls. Internal. ¼ Masonite Standard to head of windows.
½" Caneite ceiling and drop.
External. Asbestos cement sheeting over ½ Caneite.
Soffits. Asbestos cement sheet.



SITE PLAN.



DETAIL OF FOUNDATION FIXING.



DETAIL AT A.

GENERAL NOTES.

Foundations MUST NOT be more than 3'-0" BELOW RAIL LEVEL, and the cross members to be securely spiked to each other.
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The stairs to be constructed with the treads secured to the strings with angle irons and bolts.

V.R.

MELBOURNE GOODS GRAVITATION YARD.

NEW HIGH LEVEL SIGNAL BOX.

Scale 1", ¼" & 1/40 = 1'-0"

23/12/46
Chief Civil Engineer.

Work Completed 20-10-46			Chief Architect. 23-12-1946	B. 208. B. 65.	PLAN No. 739-46.
Drawn by G.W.D.	Check by L.E.M.	Corres. 5782/46			

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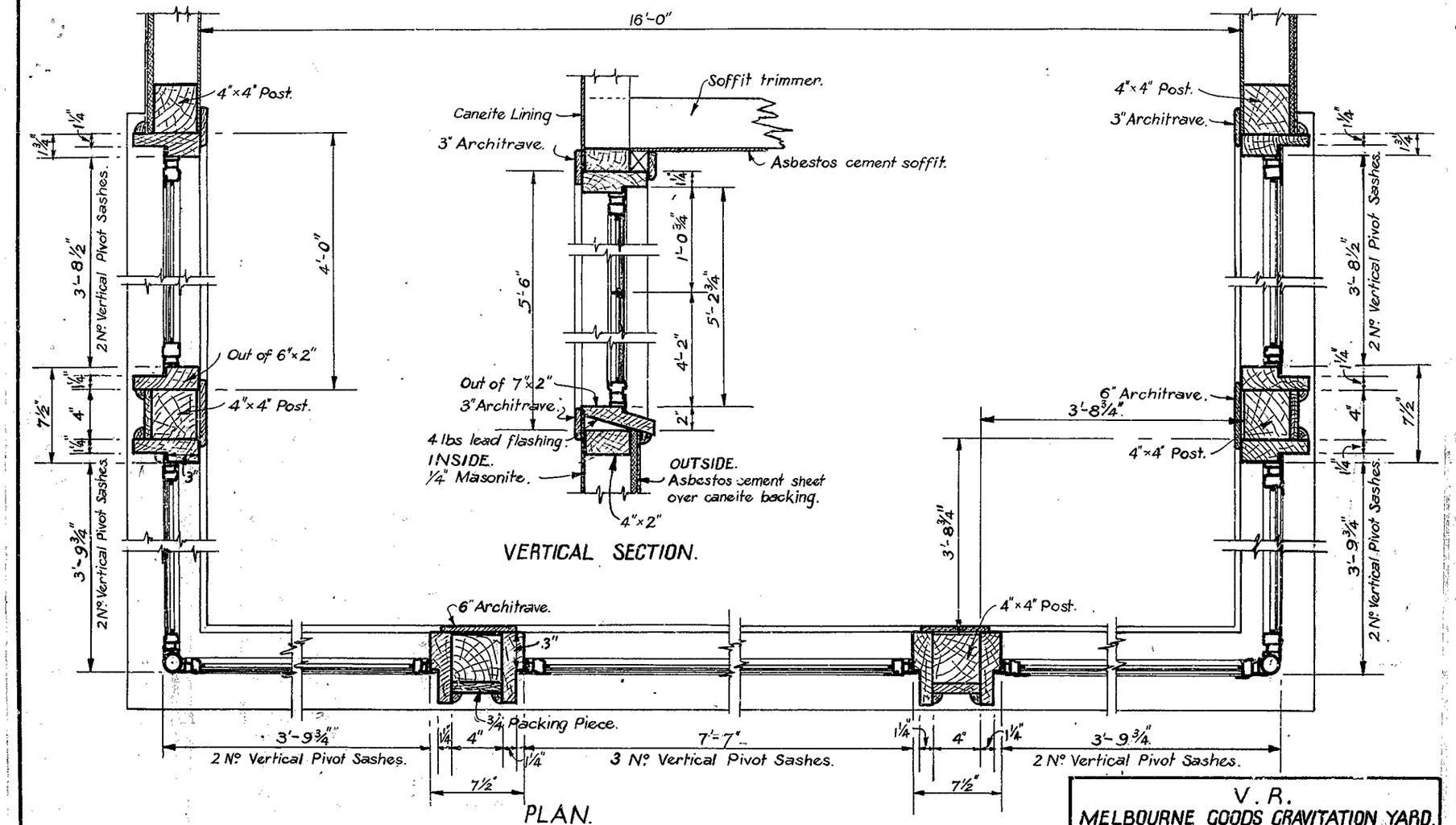


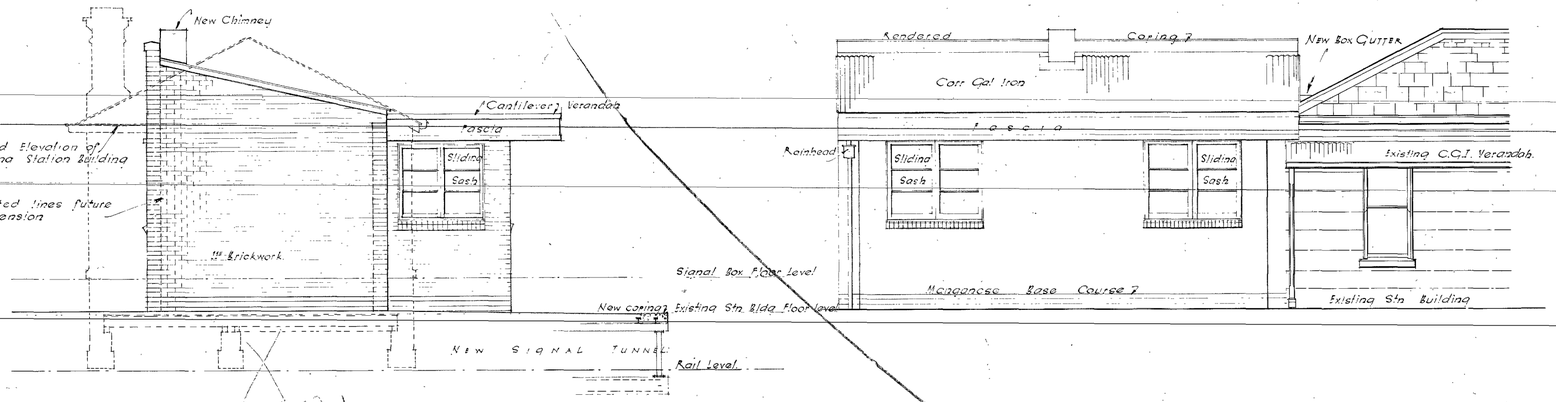
Timber frames for steel sashes to be supplied and fitted by the Department.
Steel sections used in frames to be arranged with Contractor.

See Plan Nº 739-46 for Box details.

V. R.
MELBOURNE GOODS GRAVITATION YARD.
NEW HIGH LEVEL SIGNAL BOX.
DETAILS OF STEEL WINDOW SASHES.
Scale 1½" = 1'-0"

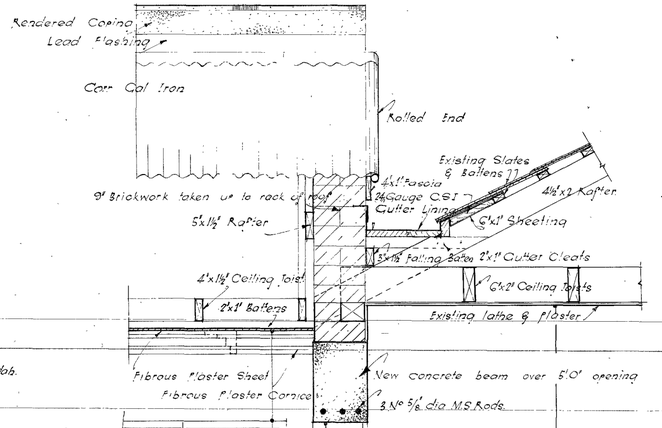
Chief Civil Engineer.

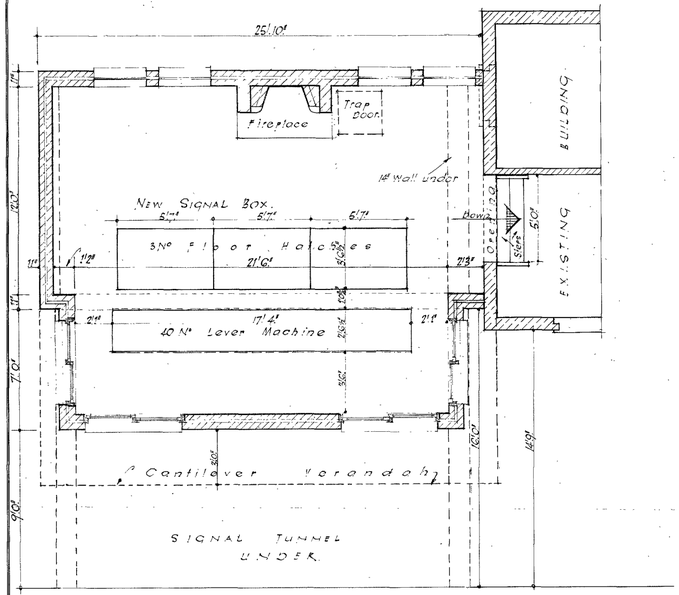
Work Completed.					
Drawn. G.W.D.	Check. L.E.M.	Corres. 5709/46	Chief Architect. 13-1-1947	B.209 D.65.	PLAN Nº 10-47.



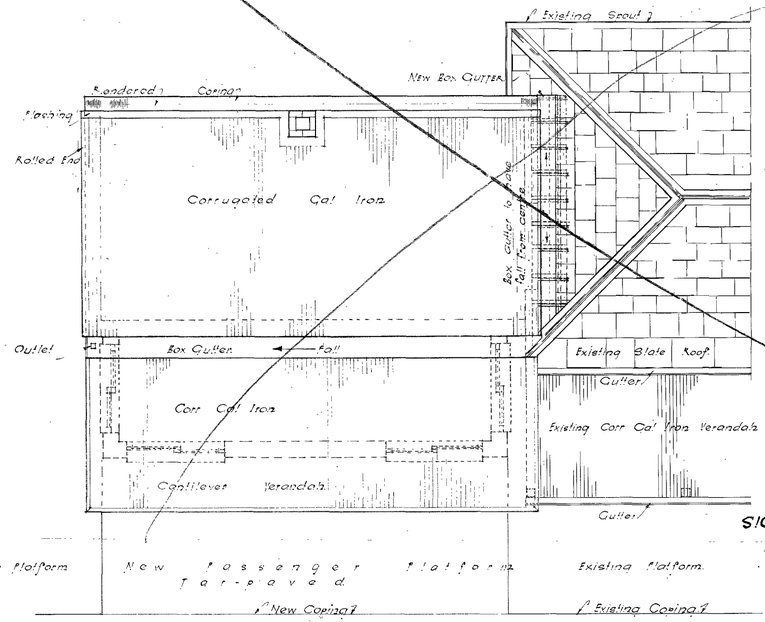
END ELEVATION

ELEVATION TO PLATFORM.

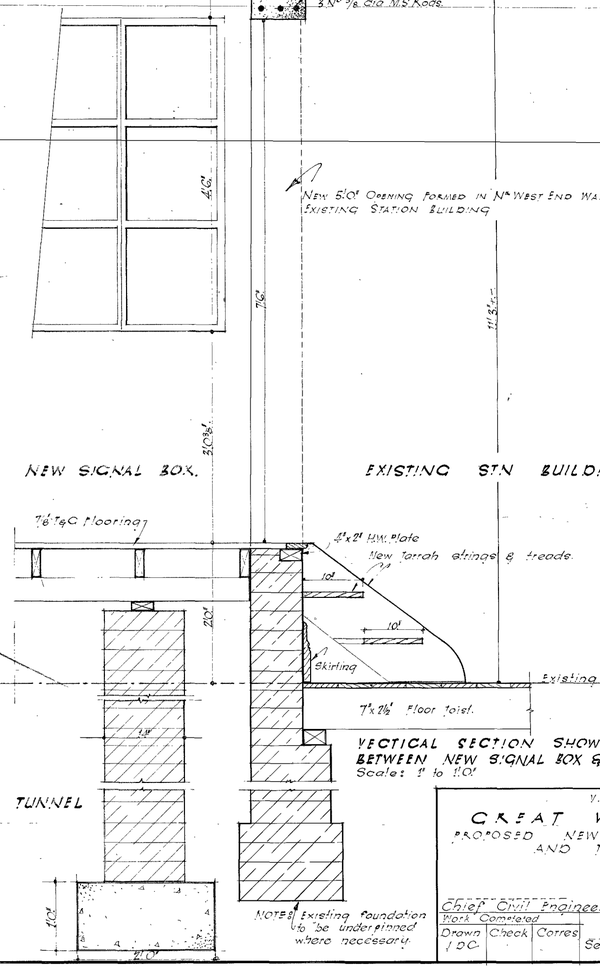




PLAN OF LAYOUT SCALE: ½" to 1'0"



ROOF PLAN. SCALE: ½" to 1'0"



VECTICAL SECTION SHOWING FUNCTION BETWEEN NEW SIGNAL BOX & EXISTING BUILDING
Scale: 1" to 1'0"

SIGNAL TUNNEL

Y.K.

GREAT WESTERN

PROPOSED NEW SIGNAL BOX AND TUNNEL

Scale: ½" & 1" to 1'0"

Chief Civil Engineer

Work Completed

Drawn	Check	Corres
J.D.C.		

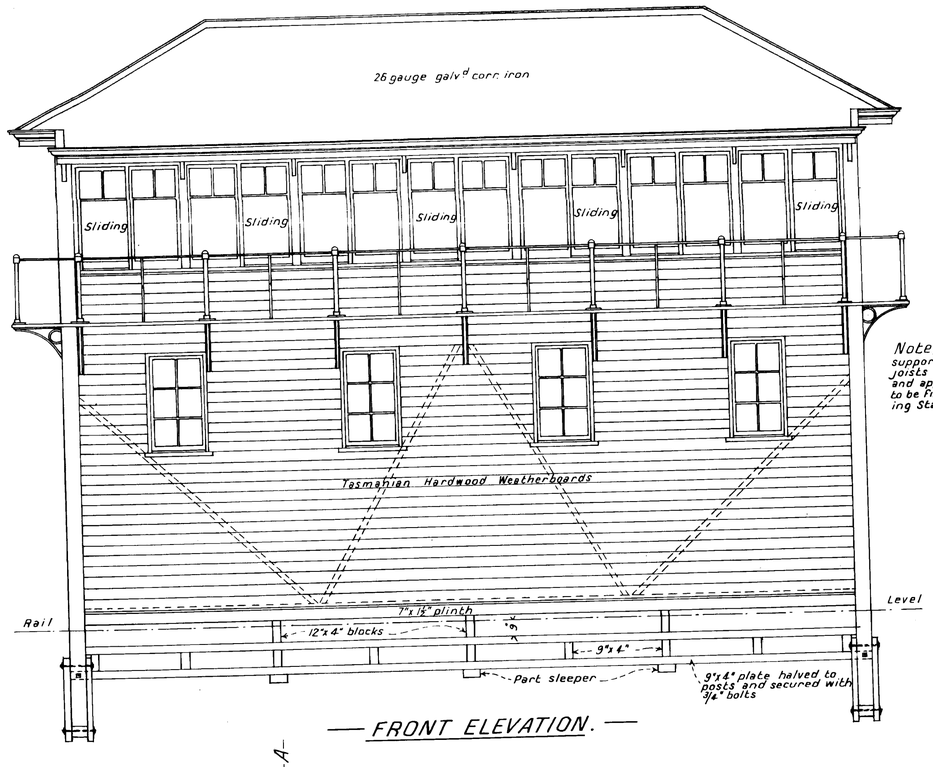
Senior Architect

8351 A.G.4.

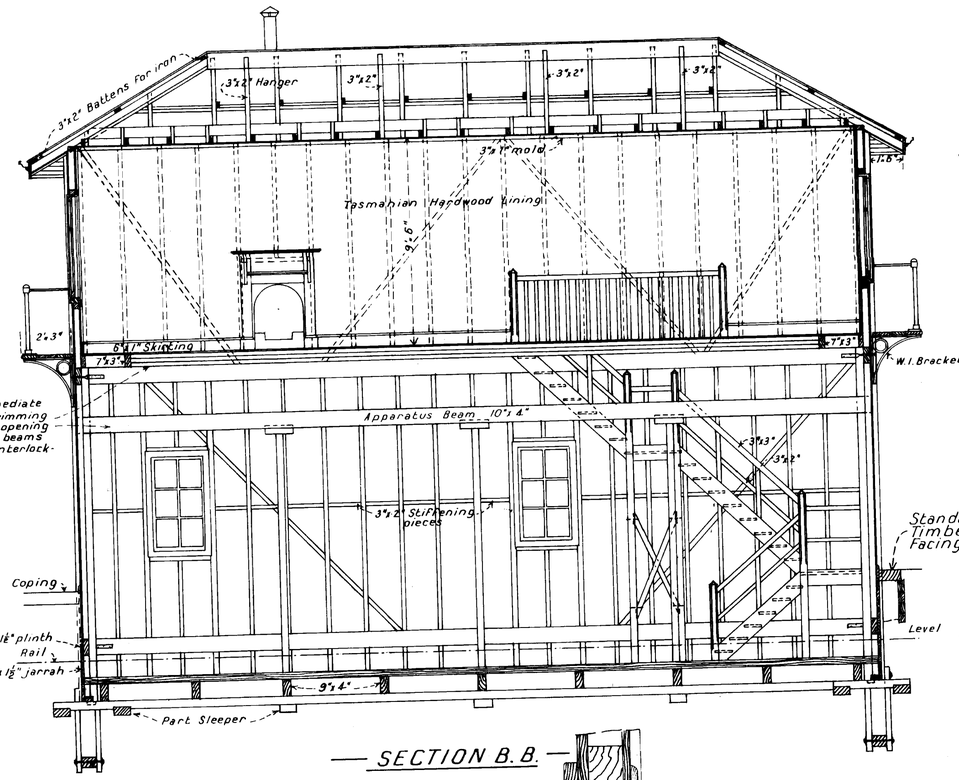
PLAN N° 711-52

351

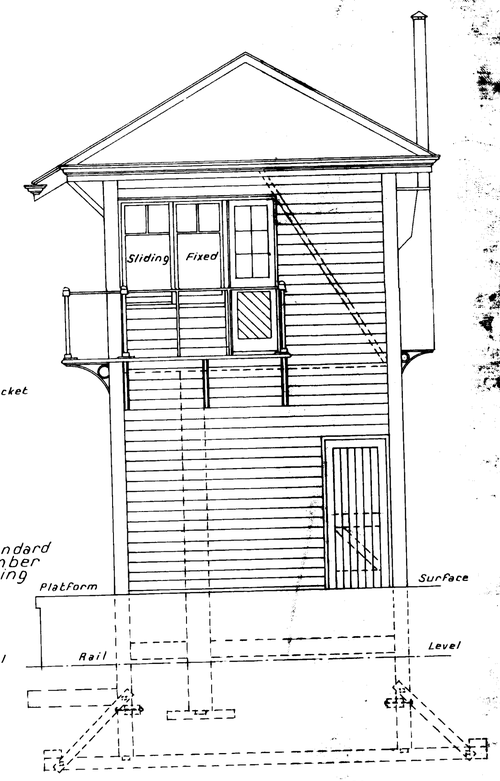
V. R.
HAMILTON STATION
NEW SIGNAL BOX
Scale 4 feet to an inch



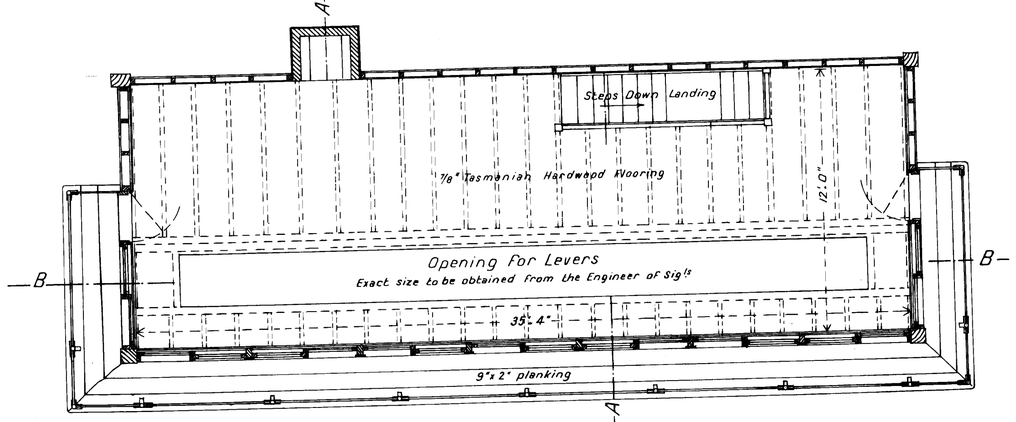
— FRONT ELEVATION. —



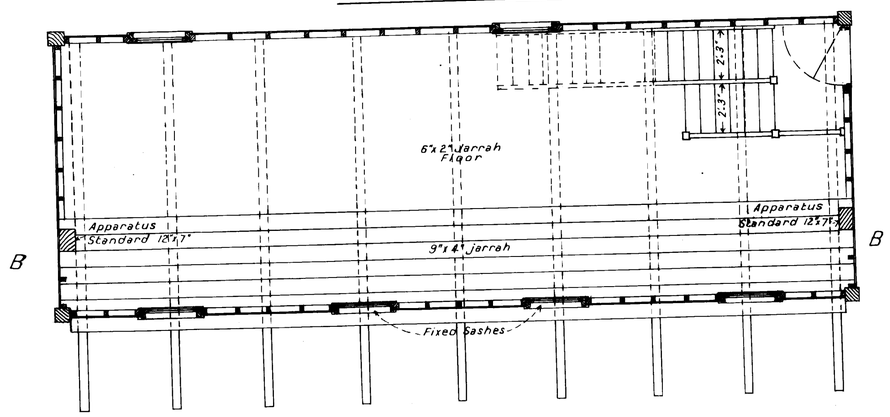
— SECTION B.B. —



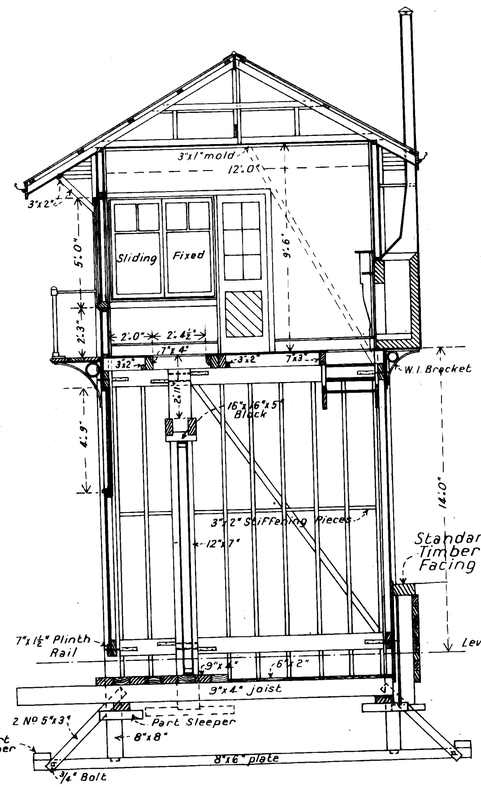
— END ELEVATION —



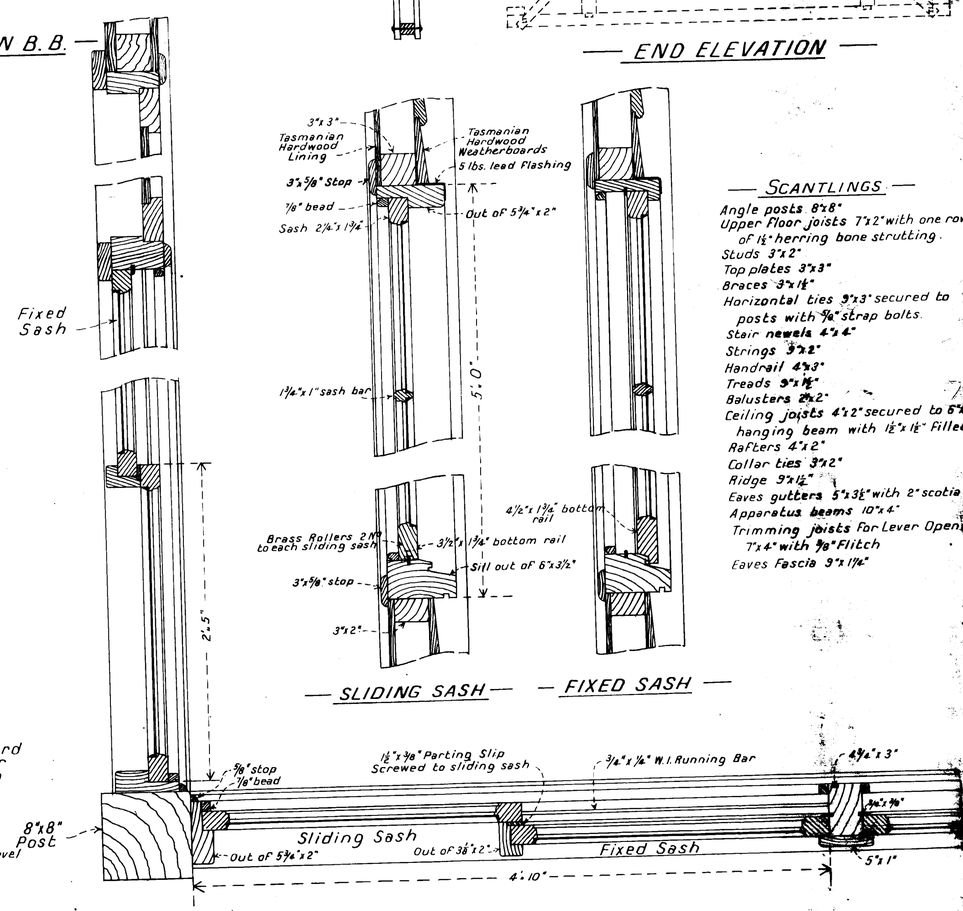
— UPPER FLOOR PLAN —



— LOWER FLOOR PLAN —



— SECTION A.A. —



— DETAIL OF SASHES —
— 1½" = 1'.0" —

— SCANTLINGS —

Angle posts 8"x8"
Upper Floor joists 7"x2" with one row of 1½" herring bone strutting.
Studs 3"x2"
Top plates 3"x3"
Braces 3"x1½"
Horizontal ties 9"x3" secured to posts with ⅞" strap bolts.
Stair newels 4"x4"
Strings 9"x2"
Handrail 4"x3"
Treads 9"x1½"
Balusters 2"x2"
Ceiling joists 4"x2" secured to 6"x1½" hanging beam with 1½"x1½" Fillets.
Rafters 4"x2"
Collar ties 3"x2"
Ridge 9"x1½"
Eaves gutters 5"x3½" with 2" scotia under
Apparatus beams 10"x4"
Trimming joists for Lever Opening 7"x4" with ⅞" Flitch
Eaves Fascia 9"x1¼"

14.5.12

14.5.12.

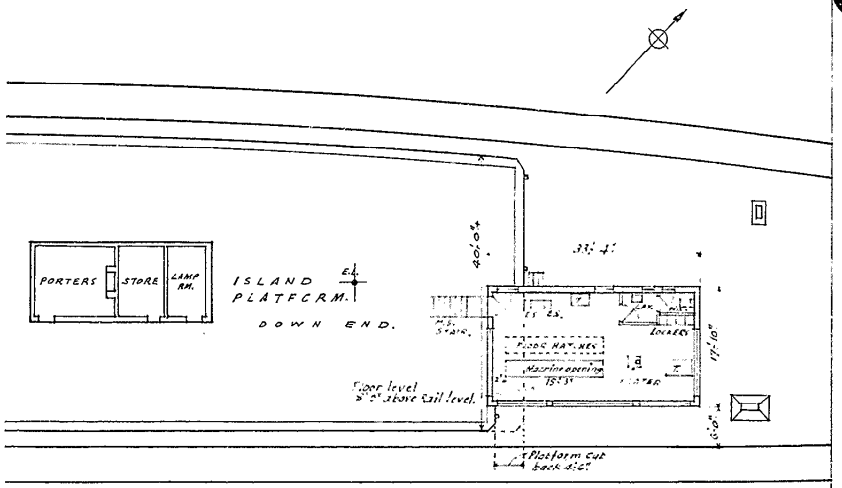
1359.12

DEC 3

\\BLP07-DMS\am\Vault,D-Non Compliant Drawings,S-Test Difference Env\Drawings\Structural\AIS\HEIDELBERG\B219_0BG6.CAL

925

219



V.R.

HEIDELBERG.

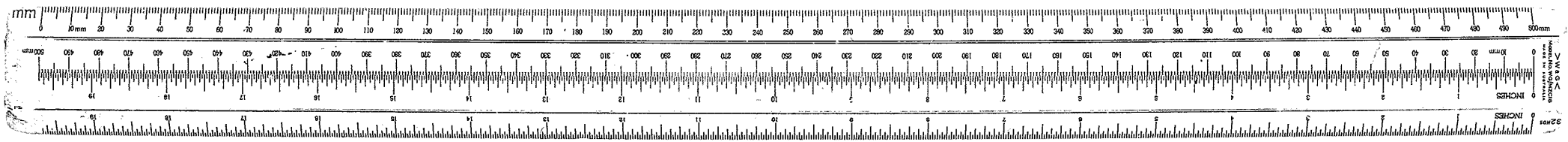
PROPOSED SIGNAL BOX AT DOWN END OF PLATFORM.

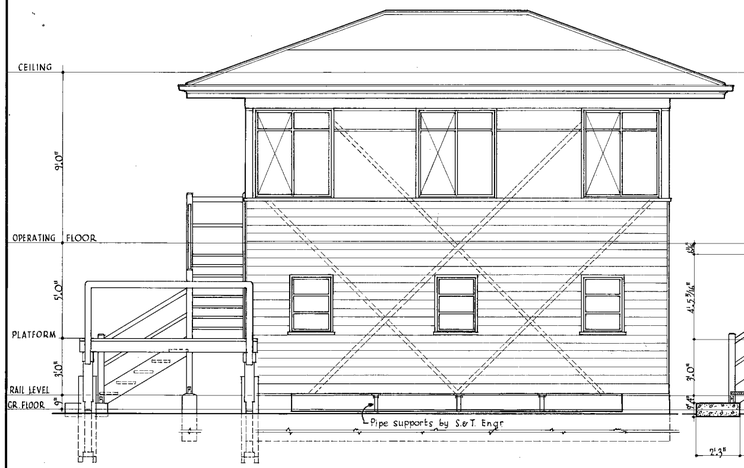
Scale. 1/8" = 1:0"

15/4/48

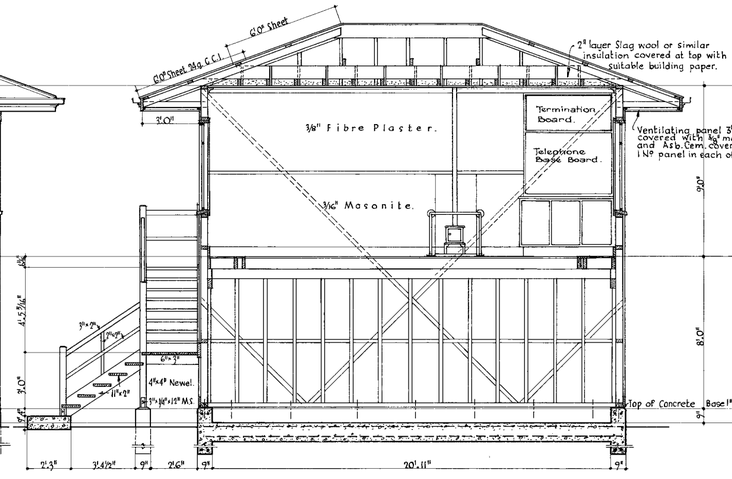
CHIEF CIVIL ENGINEER.

WORK COMPLETED					
Drawn	Checked	Correct	L.E.Ma. CHIEF ARCHITECT	B. 219 E. 68	PLAN No 234-48
A.T.	S.S.	8874/47			

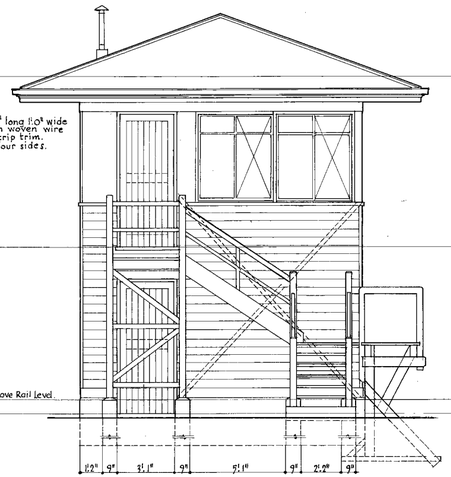




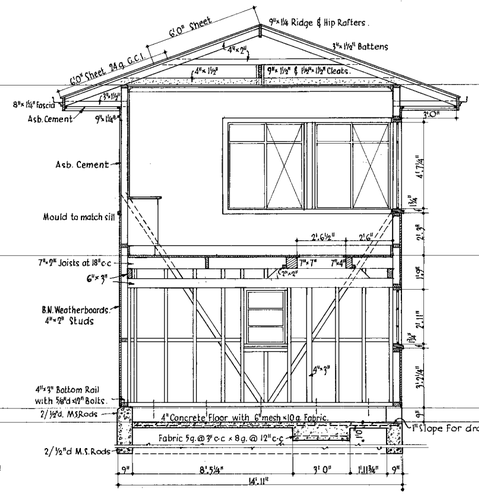
ELEVATION TO TRACK



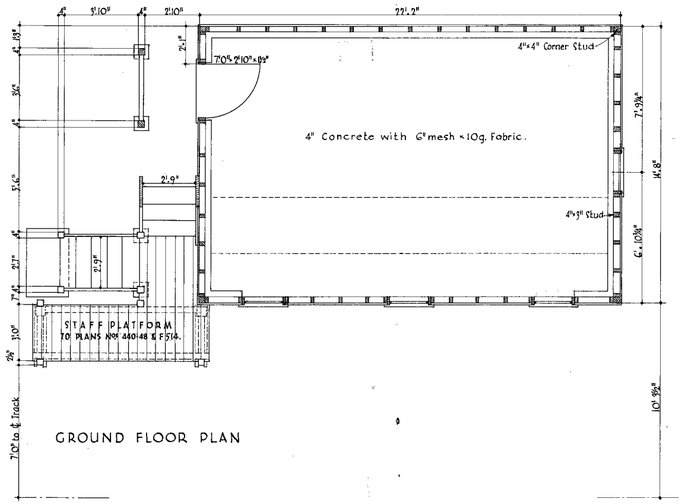
LONGITUDINAL SECTION



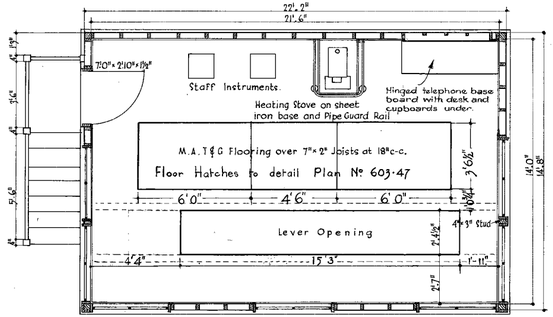
ELEVATION 'DOWN' END



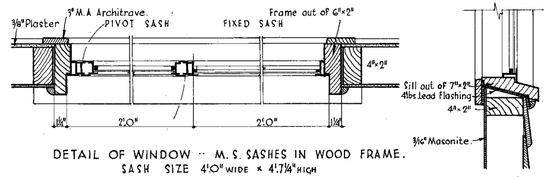
CROSS SECTION.



GROUND FLOOR PLAN

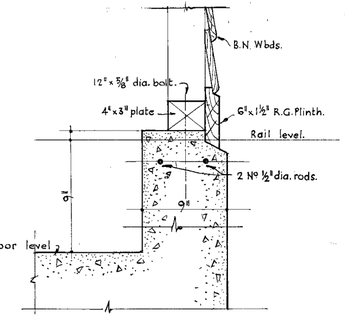


PLAN OF OPERATING FLOOR



DETAIL OF WINDOW .. M.S. SASHES IN WOOD FRAME.
SASH SIZE 4'0" WIDE x 4'.7 1/16" HIGH

NOTE: SASHES, GROUND FL., 2'.1" WIDE x 2'.11" HIGH.



SECTION THRO' CONCRETE BASE.

DETAIL OF STAFF PLATFORM AMENDED 19.7.48.

AMENDED. 19-12-'47.

V. R.

HERNES OAK

PROPOSED TIMBER FRAME SIGNAL BOX

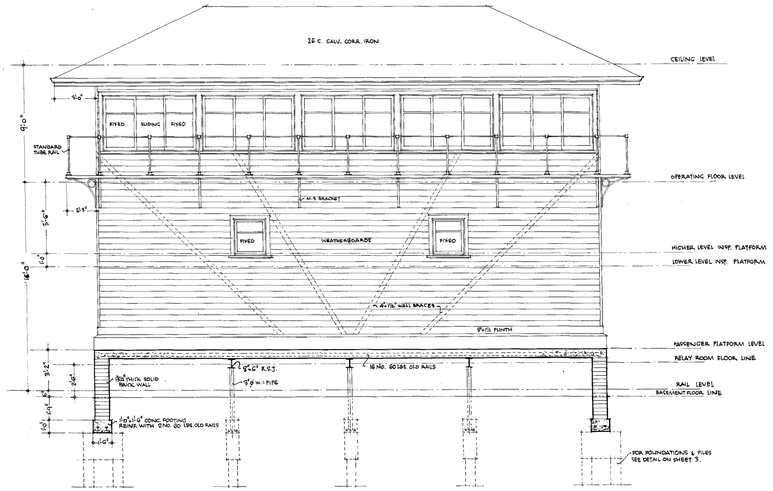
SCALES ⅛" = 1'0", ½" = 1'0"

CHIEF CIVIL ENGINEER. 23/11/46

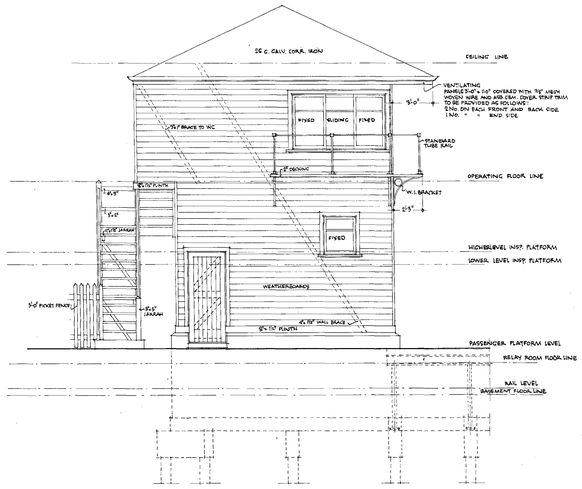
Q. SIGNAL & TELEGRAPH ENGINEER.

WORK COMPLETED					
DRAWN BY	CHECKED BY	CORRES No	CHIEF ARCHITECT	B.204. A.64.	PLAN No 674-46.
D.B.COOK.	L.E.M.		21-11-1946		

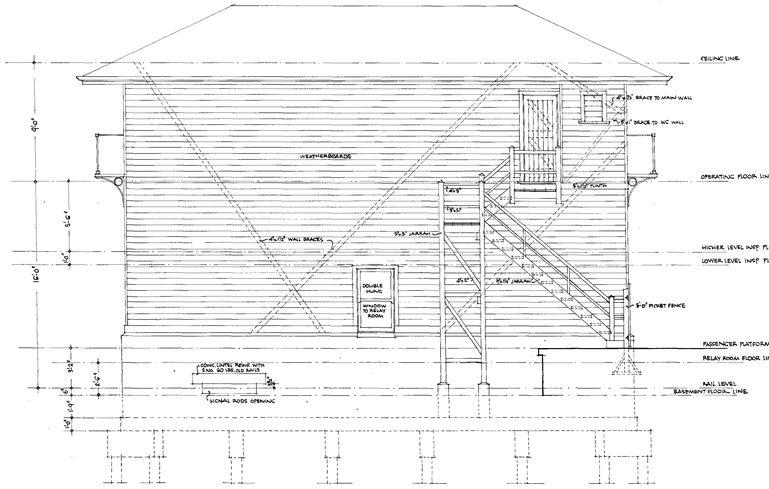
204



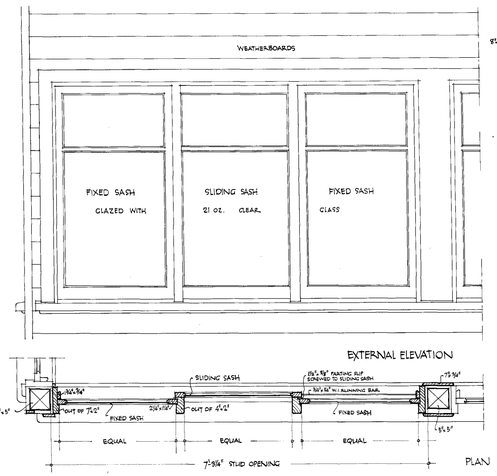
ELEVATION TO TRACK & SECTION THRO' NEW TUNNEL



END ELEVATION



BACK ELEVATION



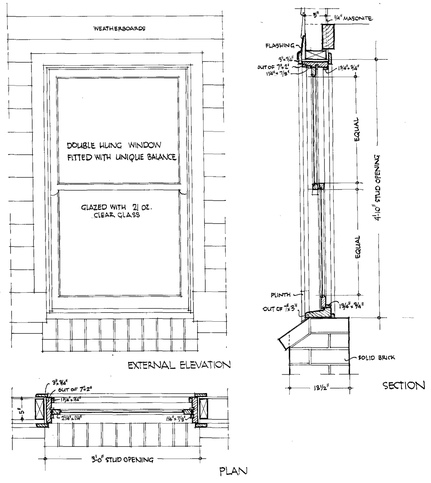
EXTERNAL ELEVATION — SECTION — PLAN

QUADRUPLE UNIT to be constructed to this detail with (1) no additional sliding sash. Stud opening 15'-5"

1 No. QUADRUPLE UNIT REQUIRED

OPERATING ROOM WINDOW UNIT (TRIPLE UNIT)
SCALE: 1" to 1'0"

6 No. TRIPLE UNITS REQUIRED



EXTERNAL ELEVATION — SECTION — PLAN

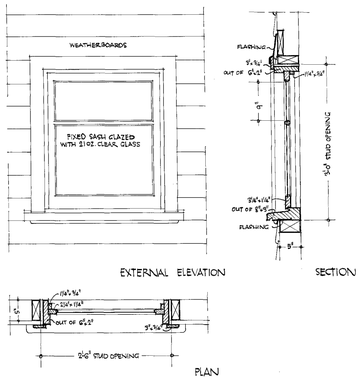
RELAY ROOM WINDOW
SCALE: 1" to 1'0"

1 No. REQUIRED

DOORS

EXTERNAL To W.R. Plan No. 384-40 (Door Type 2)
1 No. 6'-6"x2'-6" with jamb frame (entrance to basement)
1 " 6'-6"x2'-9" " " " (entrance to operate floor)
1 " 6'-0"x2'-0" " " " (" " WC)

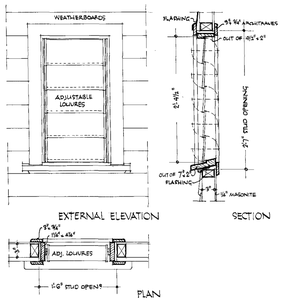
INTERNAL
1 No. 6'-6"x2'-6" L.B. with jamb frame (relay room)



EXTERNAL ELEVATION — SECTION — PLAN

WINDOW TO INSP. PLATFORMS
SCALE: 1" to 1'0"

4 No. REQUIRED



EXTERNAL ELEVATION — SECTION — PLAN

WC-LOUVRE
SCALE: 1" to 1'0"

1 No. REQUIRED

SIGNAL & TELEGRAPH ENG.

W.R.

HORSHAM
PROPOSED NEW SIGNAL BOX

SHEET 2. ELEVATIONS & JOINERY DETAILS
SCALES: ½" & 1" to 1'0"

CHIEF CIVIL ENGINEER.

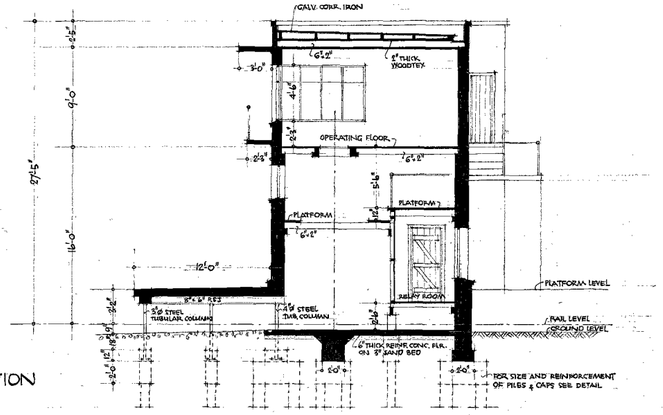
DRAWN	CHECKED	CORRES.		B. 247	PLAN No.
G.S.		12595-50	SENIOR ARCHITECT	A. 64	

247

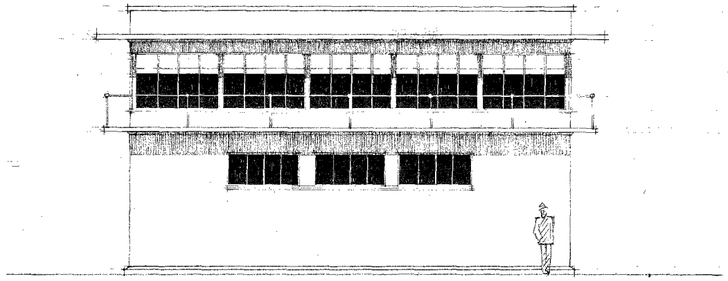
V.R. - HORSHAM

· PROPOSED NEW SIGNAL BOX · · ALTERNATIVE PROPOSAL ·

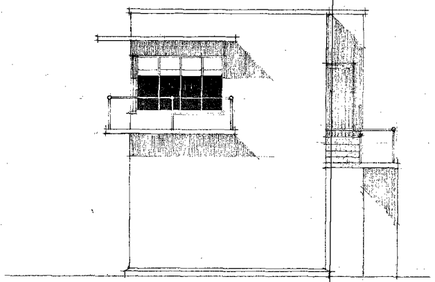
SCALE: 1/2" to 1'0".



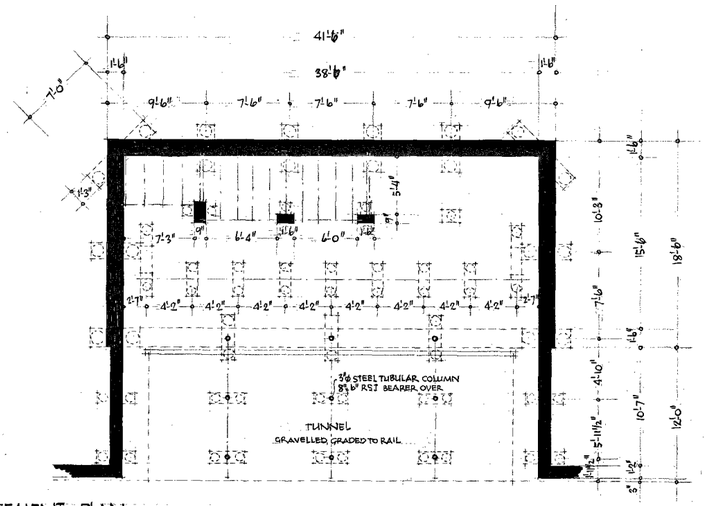
SECTION



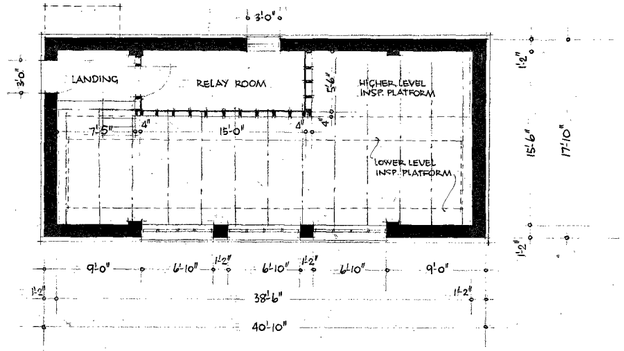
ELEVATION TO TRACK



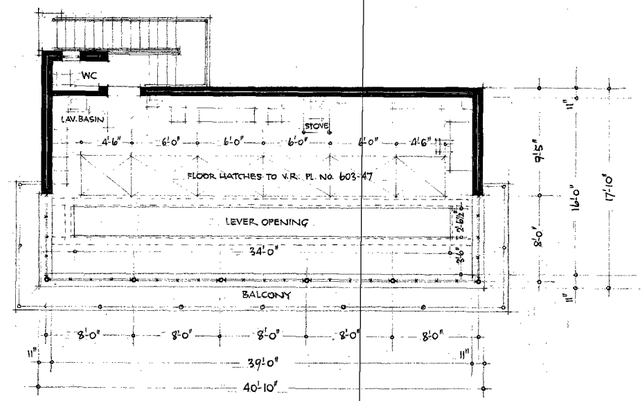
END ELEVATION



BASEMENT PLAN



PLAN AT RELAY ROOM LEVEL

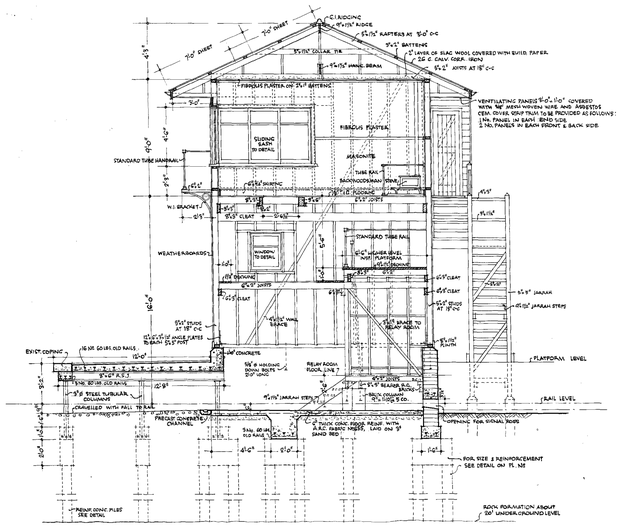


OPERATING FLOOR PLAN

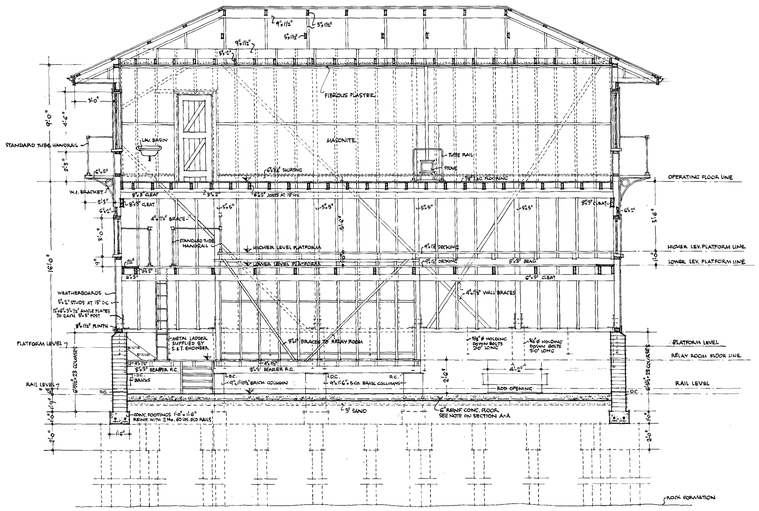
B.257 A64

OCT. 1952. - J.S.

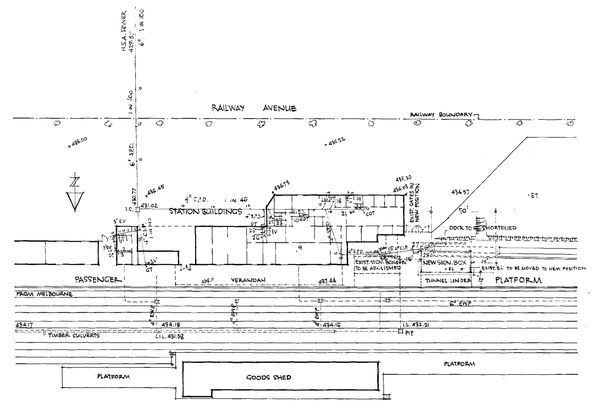
257



SECTION A-A



SECTION B-B



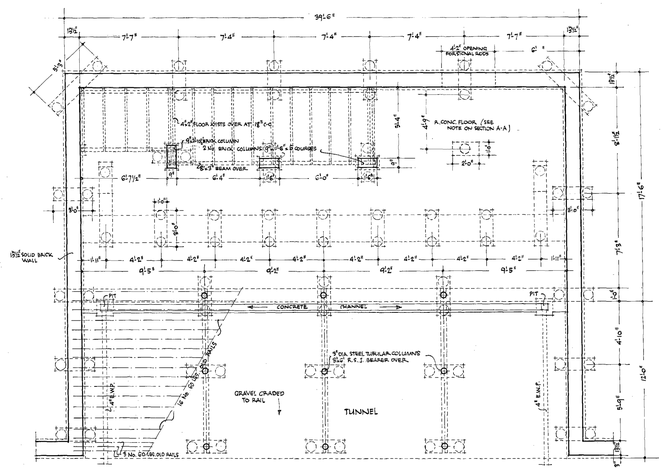
SEWERAGE & SITE PLAN

ADDITIONAL LIST OF GEN. FITTINGS:
27 - WC. INTERNAL SILV. (1 FLR. REMOVED FROM 15
28 - LAV. BASINS - " " " 16

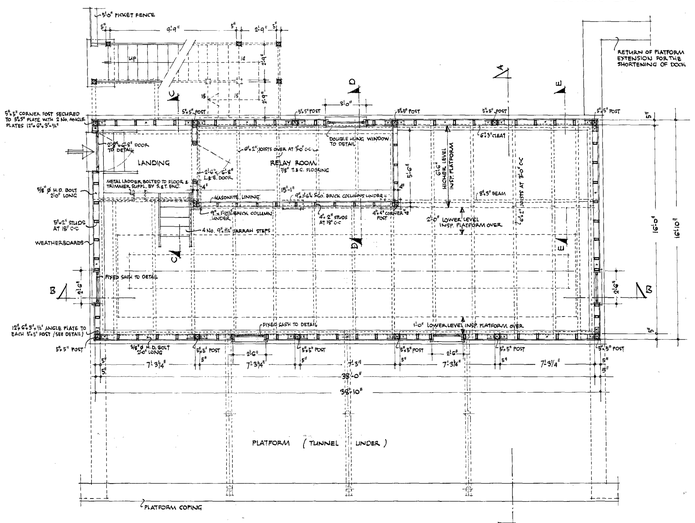
DT. JUMP UP SVP AND BRANCH SHOWN GREEN, CROSSED IN BLUE TO BE REMOVED & REPIPED AT THE NEW SIGN. BOX

PROPOSED DRAINS SHOWN BLUE.
EXISTING " " GREEN

SCHEDULE OF FRAMING TIMBER.		
EXTERNAL WALLS		
89x38 - HDW.	-	POSTS (STUDS)
89x38 - "	-	STUDS AT 18" C-C
89x38 - "	-	PLATES
89x38 - "	-	BRACES
89x38 - "	-	WINDOW TRIMMERS
89x25 - "	-	"
LANDING & RELAY ROOM		
89x38 - HDW.	-	BEARERS
89x38 - "	-	FLOOR JOISTS AT 18" OC
89x38 - "	-	STUDS AT 18" C-C
89x38 - "	-	PLATES
89x38 - "	-	CORNER STUDS
89x38 - "	-	CLEAT
89x38 - "	-	CEIL. JOISTS AT 30" C-C
89x38 - "	-	BRACES
150 - "	-	T & G FLOORING
LOWER LEV. INSP. PLATFORM		
89x38 - HARDEN	-	CLEATS
89x38 - "	-	JOISTS AT 30" C-C
175 - "	-	DECKING
HIGHER LEV. INSP. PLATFORM		
89x38 - OREGON	-	CLEAT
89x38 - "	-	BEAM
89x38 - "	-	JOISTS AT 30" C-C
150 - "	-	DECKING
OPERATING FLOOR		
89x38 - OREGON	-	CLEATS (TIES)
89x38 - "	-	BEAM
89x38 - "	-	"
89x38 - "	-	CLEATS TO BEAMS
89x38 - "	-	FLOOR JOISTS AT 18" OC
102x50 - "	-	STRUTS TO FUL JOISTS
89x38 - HDW.	-	CEILING JOISTS AT 18" OC
89x178 OREGON	-	MANGRAVE BEAM
19 BALTIC	-	T & G FLOORING
ROOF		
89x38 - HDW.	-	RAFTERS AT 30" C-C
89x38 - "	-	COLLAR TIES
89x38 - OREGON	-	RIDGE
89x38 - HDW.	-	HIP RAFTERS
89x38 - "	-	RAFTERS

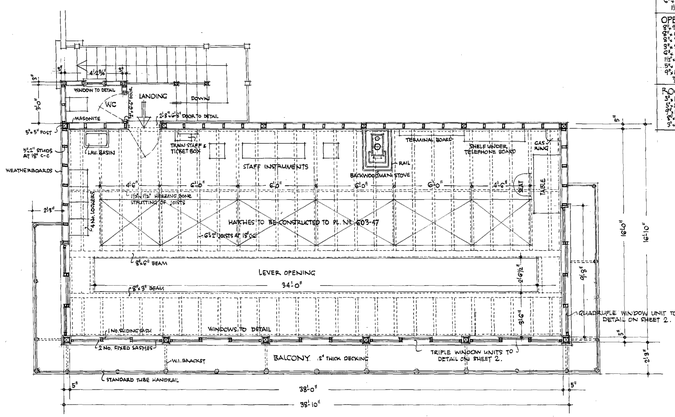


PLAN SHOWING BASEMENT & FOUNDATIONS



PLAN OF RELAY ROOM
(PLATFORMS OVER SHOWN DOTTED)

Note. SECTIONS C-C, D-D & E-E ARE DETAIL SECTIONS SHOWN ON SHEET 3.



PLAN OF OPERATING FLOOR



PLAN OF INSP. PLATFORMS
SCALE: 1/16" TO 1'0"

V.R.
SIGN & TELEGRAPH ENGR.

HORSHAM
PROPOSED NEW SIGNAL BOX

SHEET 1. PLANS, SECTIONS & SITE PLAN
SCALES: 40, 4 TO 1 INCH

RIVES CIVIL ENGINEER.

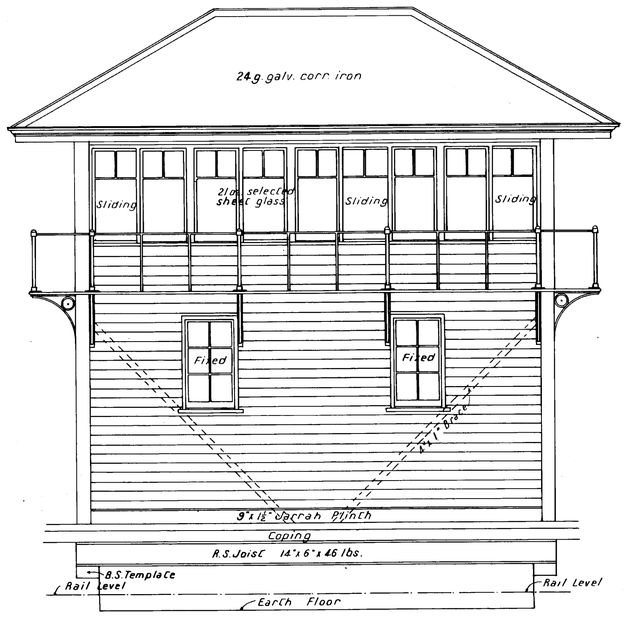
DRAWN	CHECKED	CHARTS.		B. 246
JP		12955-50	SENIOR ARCHITECT	A. 64

PLAN N8

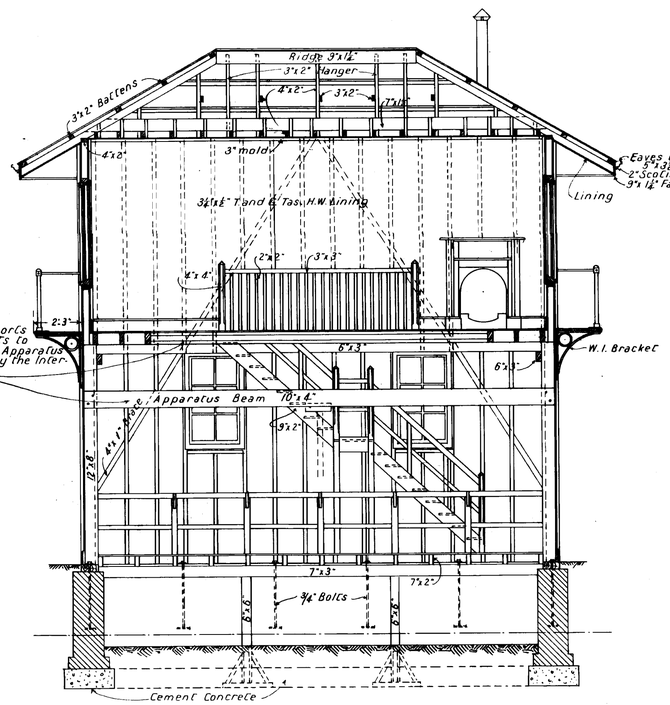
246

— V. R. —
— IRREWARRA —
— NEW SIGNAL BOX —
— Scale 4 Feet to an Inch —

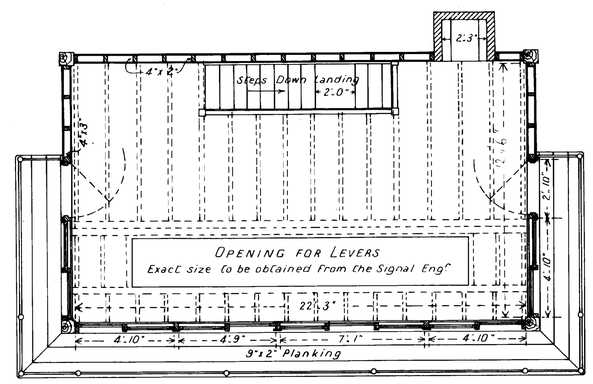
L.E.M. 7-2-13. WW. 5849*/10



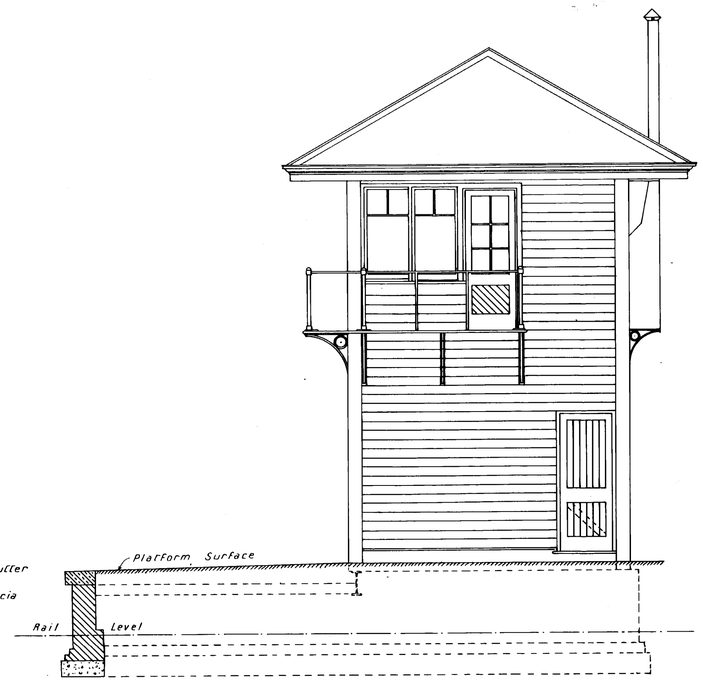
— FRONT ELEVATION —



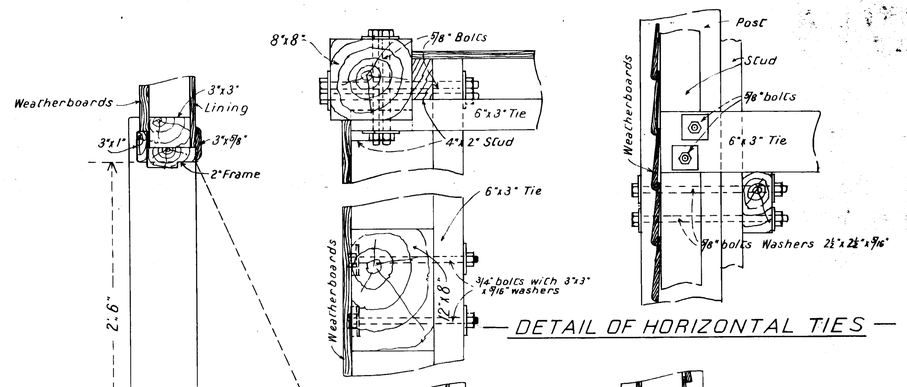
— LONGITUDINAL SECTION —



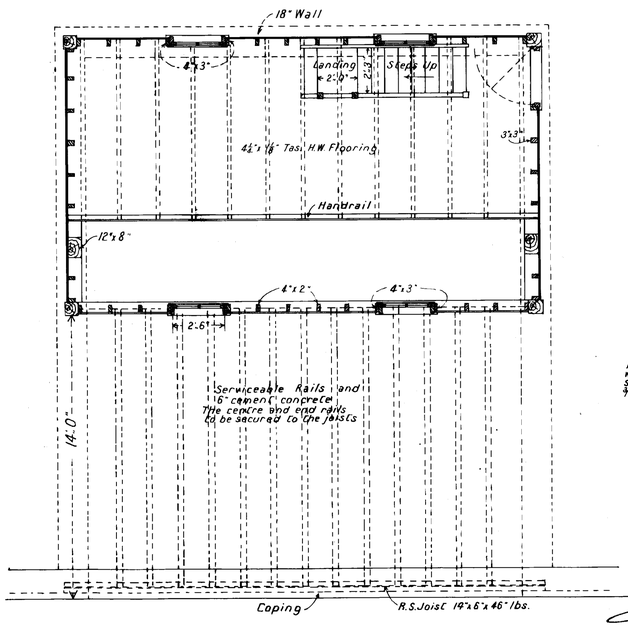
— UPPER FLOOR PLAN —



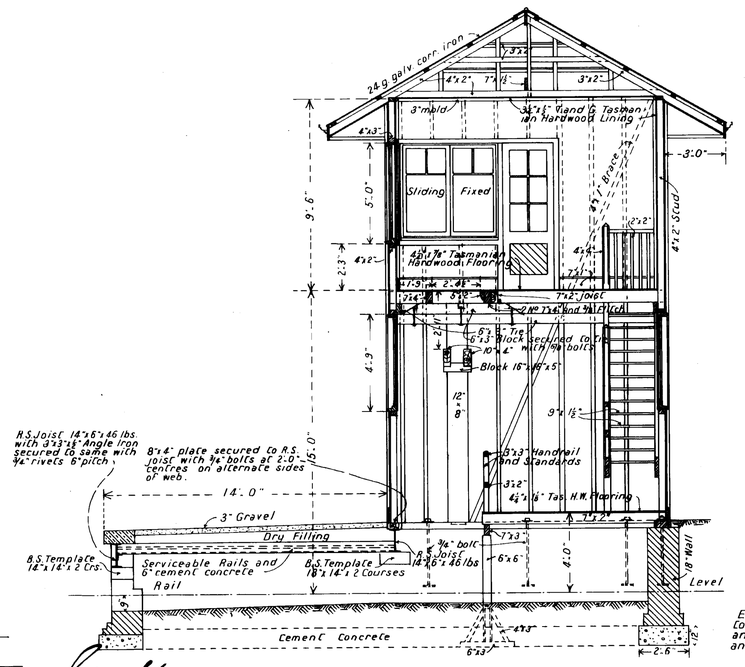
— END ELEVATION —



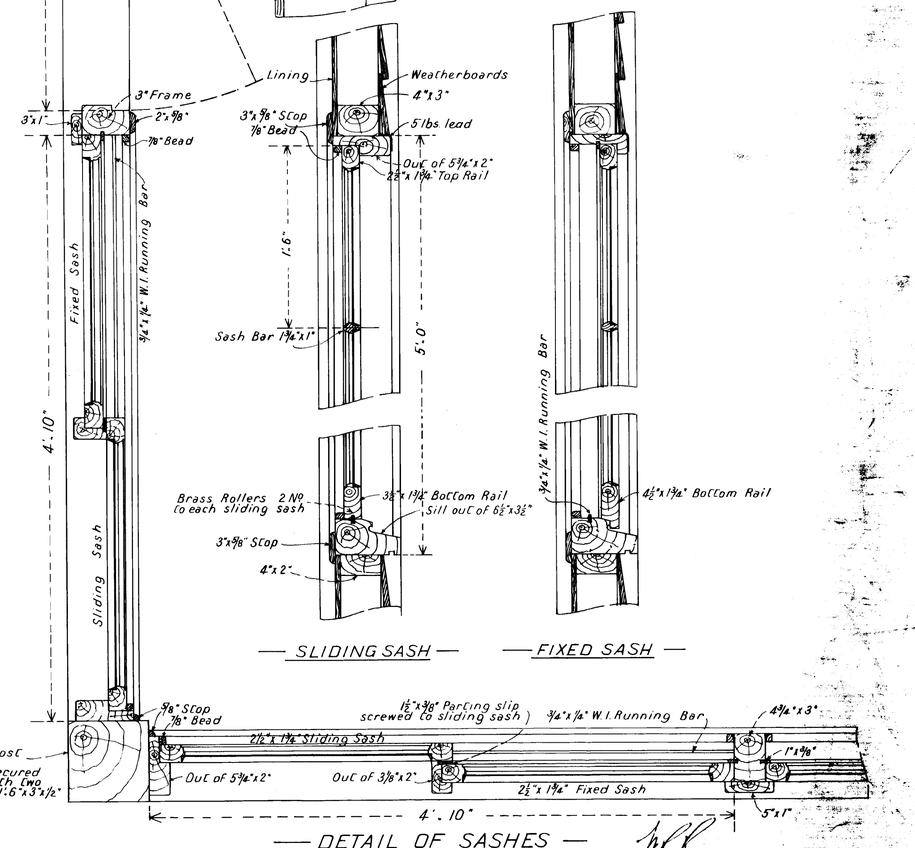
— DETAIL OF HORIZONTAL TIES —



— LOWER FLOOR PLAN —



— CROSS SECTION —



— DETAIL OF SASHES —
— 1½" = 1'-0" —

14.2.13

14.2.13

VICTORIAN RAILWAYS PLAN ROOM DEC 1 1913

Instructions issued 4. 7. 12.

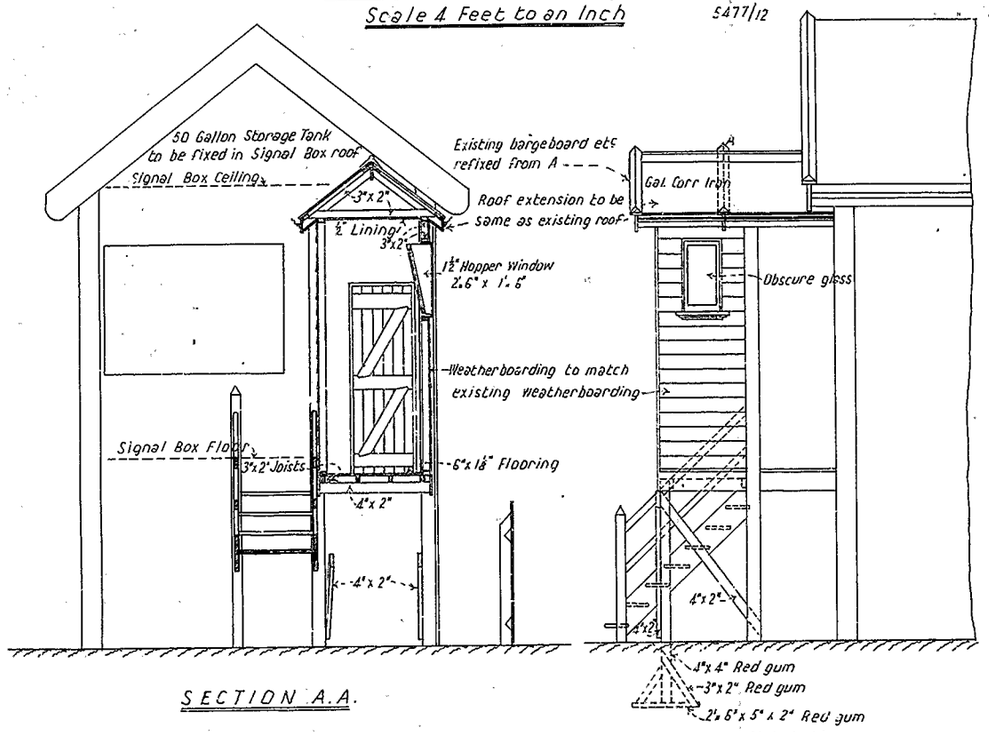
V. R.

SOUTH BRUNSWICK STATION

Details of Signal Box W.C.

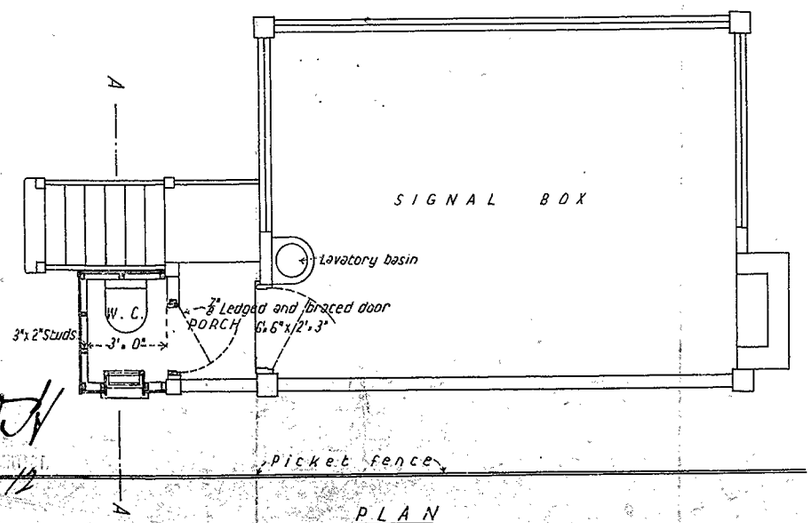
Scale 4 Feet to an Inch

5477/12



SECTION A.A.

ELEVATION



PLAN

2.7.12

1507-17 S.252
D.67

252

Instr issued 3.7.25

147

V. R.

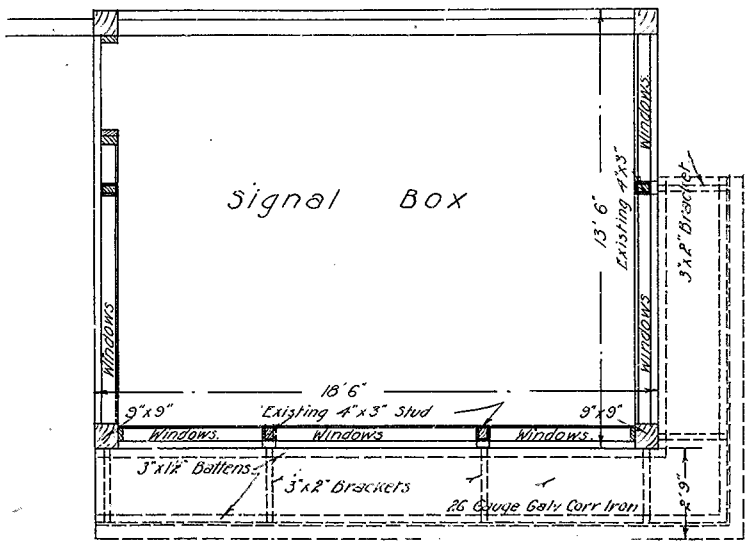
SOUTH BRUNSWICK SIGNAL BOX

Provision of Hood over Windows.

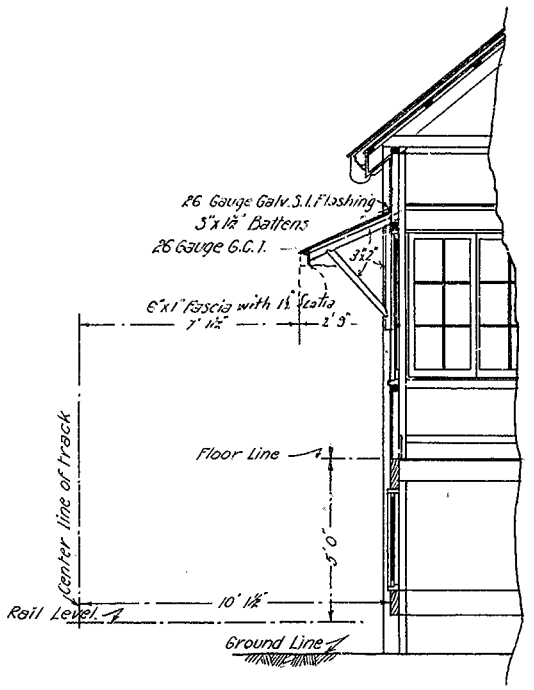
Scale ¼ Inch = 1 Foot.

358/25 G.A.O. 30. 1. 25.

Chief Engineer of Way & Works.
30-1-25.



PLAN



SECTION

Chief Architect.
30.1.25

B.147.
D.65.

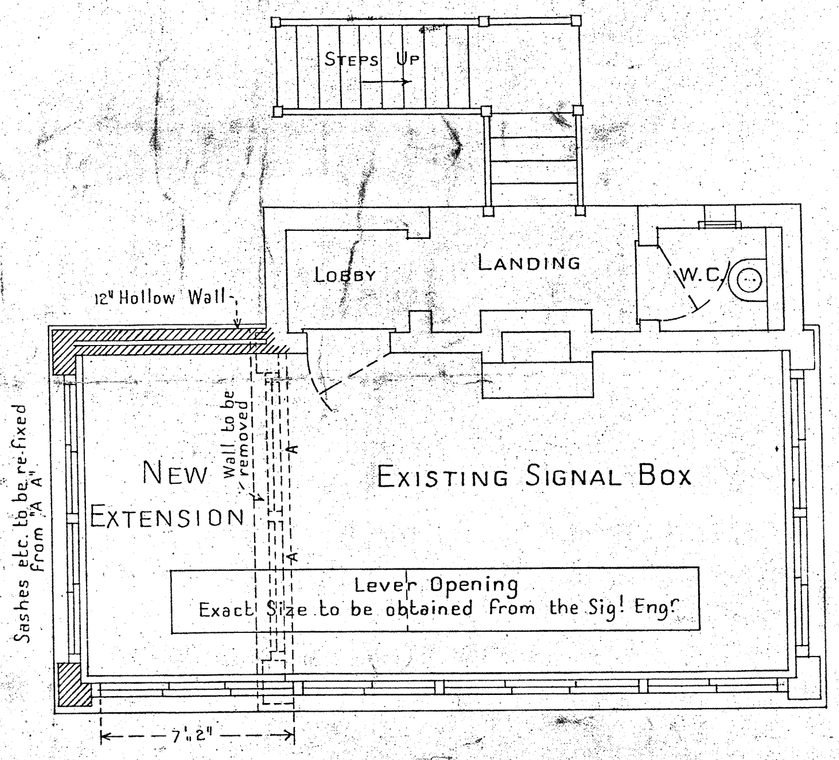
376.25

—V. R.—

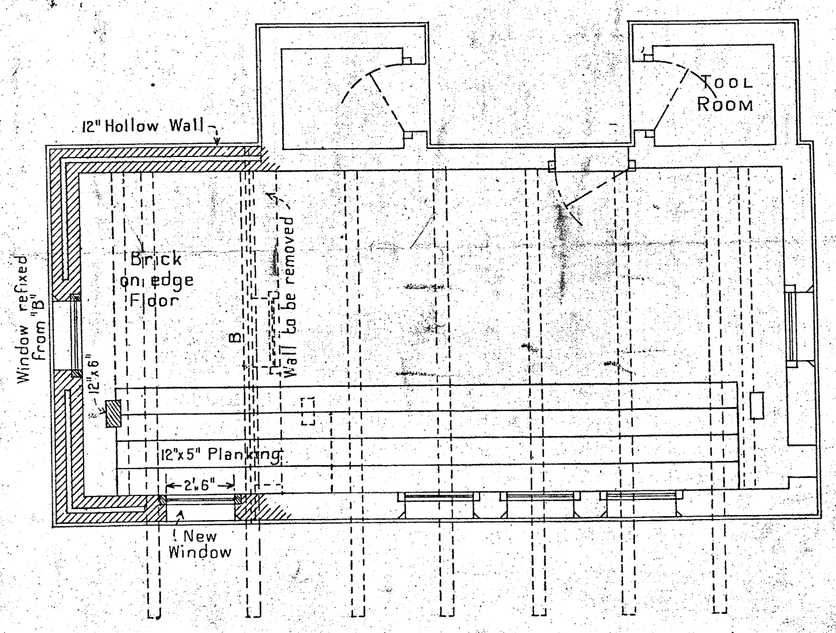
— KENSINGTON SIGNAL BOX —

— Proposed Extension. —

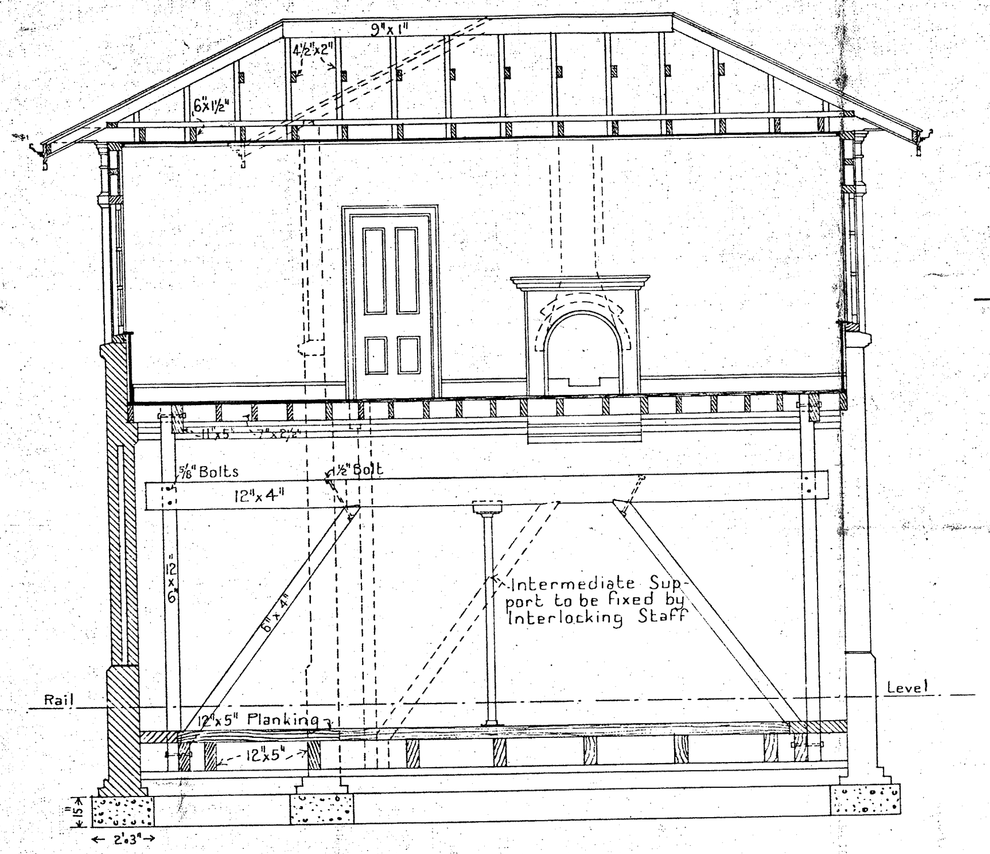
— Scale, 4 Ft. = One Inch. —



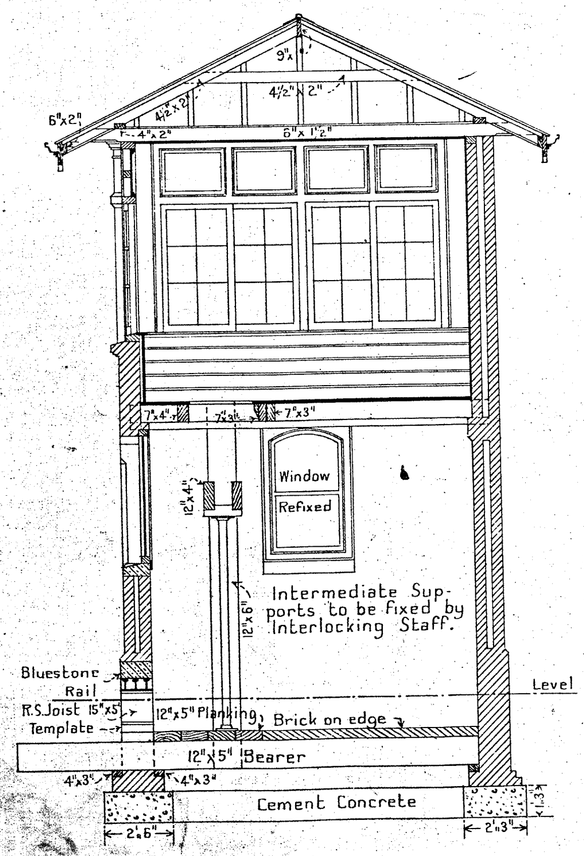
— PLAN OF UPPER FLOOR —



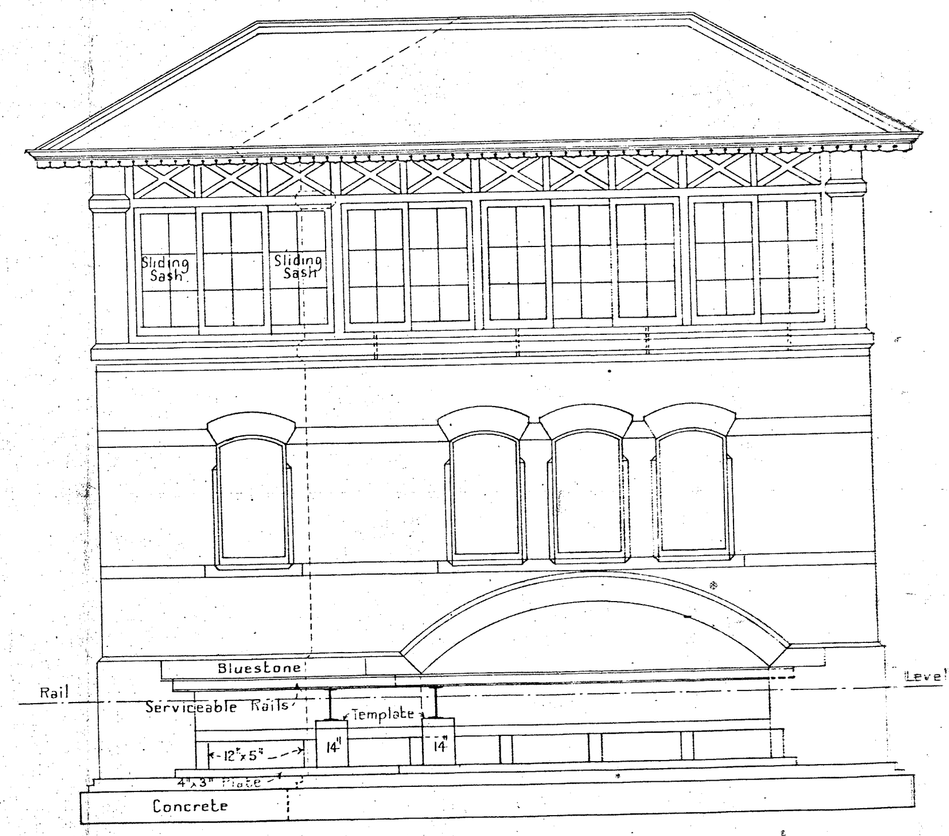
— PLAN OF LOWER FLOOR —



— LONGITUDINAL SECTION —



— CROSS SECTION —



— ELEVATION TO TRACKS —

11.8.13

22.8.11

23.8.11

1227-11

V. R.

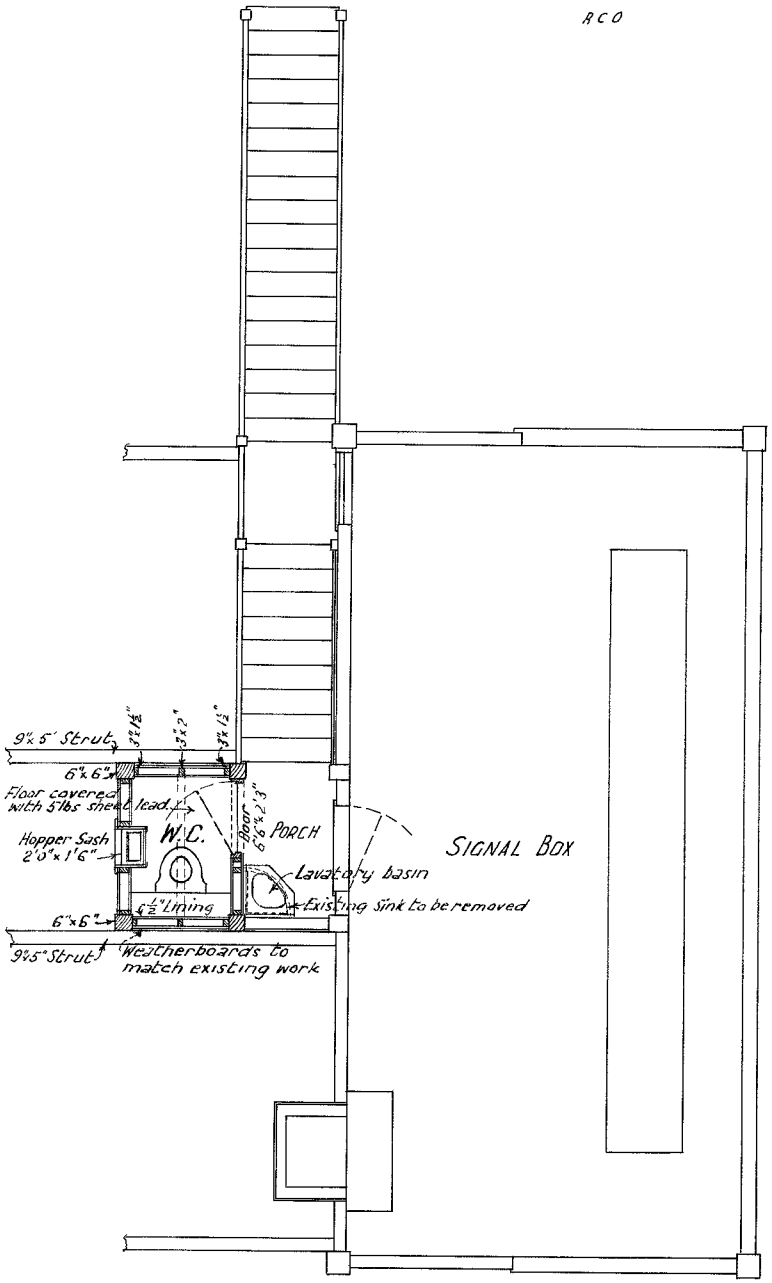
KYNETON

Proposed Closet off Porch of Signal Box.

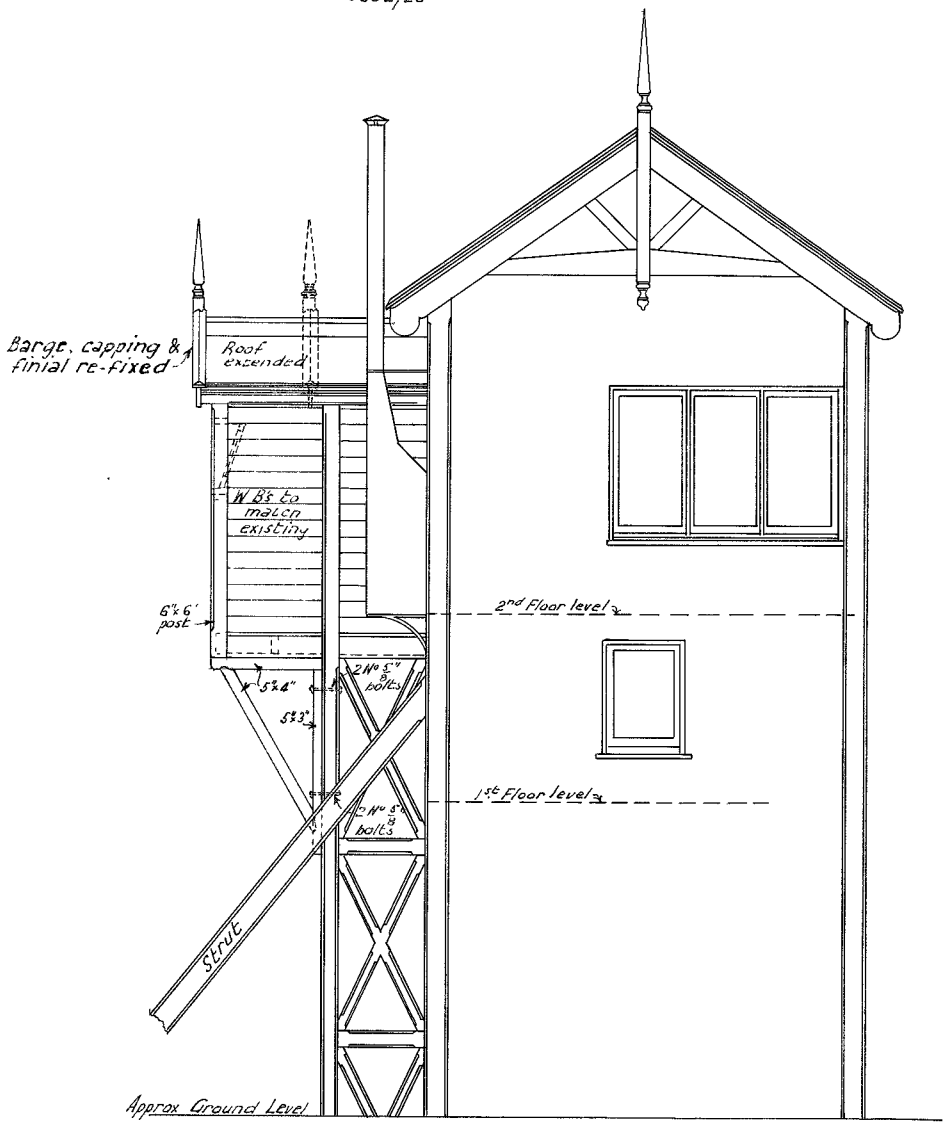
Scale: Four feet to an inch

RCO

5982/23



PLAN



ELEVATION

VICTORIAN RAILWAYS
PLAN ROOM
MAY 14 1923

Chief Architect

2B

—V. R.—

—LANG LANG—

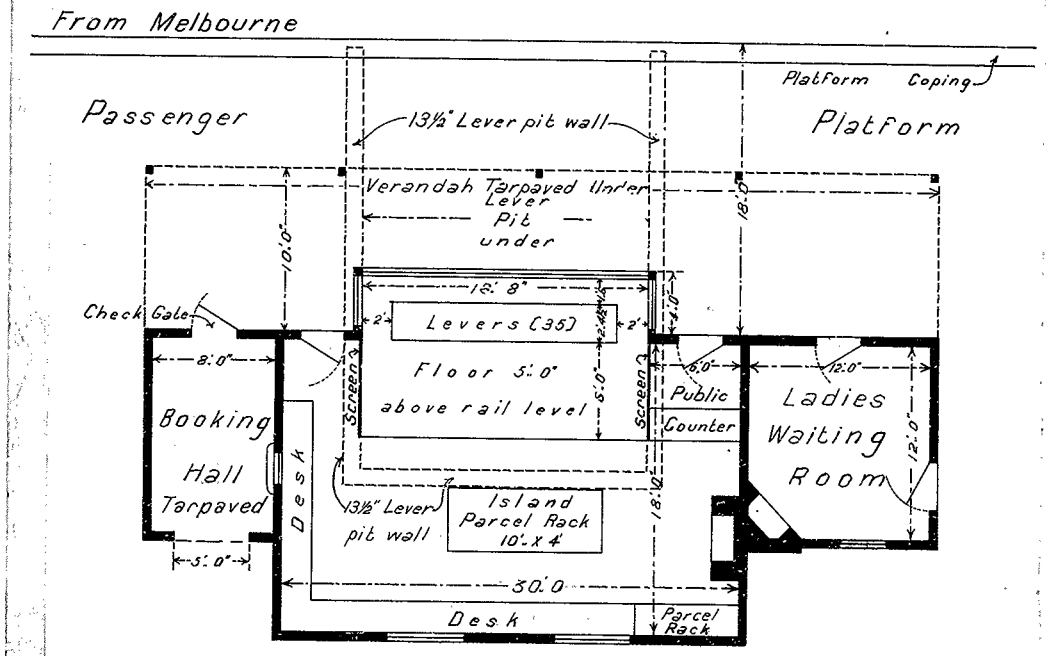
—Proposed New Station Buildings—
—to provide combined Signal Box and Office—

—Scale 8 feet to 1 Inch—

A.D.G. 10.12.15

Carried out

11961/15



—PLAN—

15. 12. 15

SB-1032.
F-34.

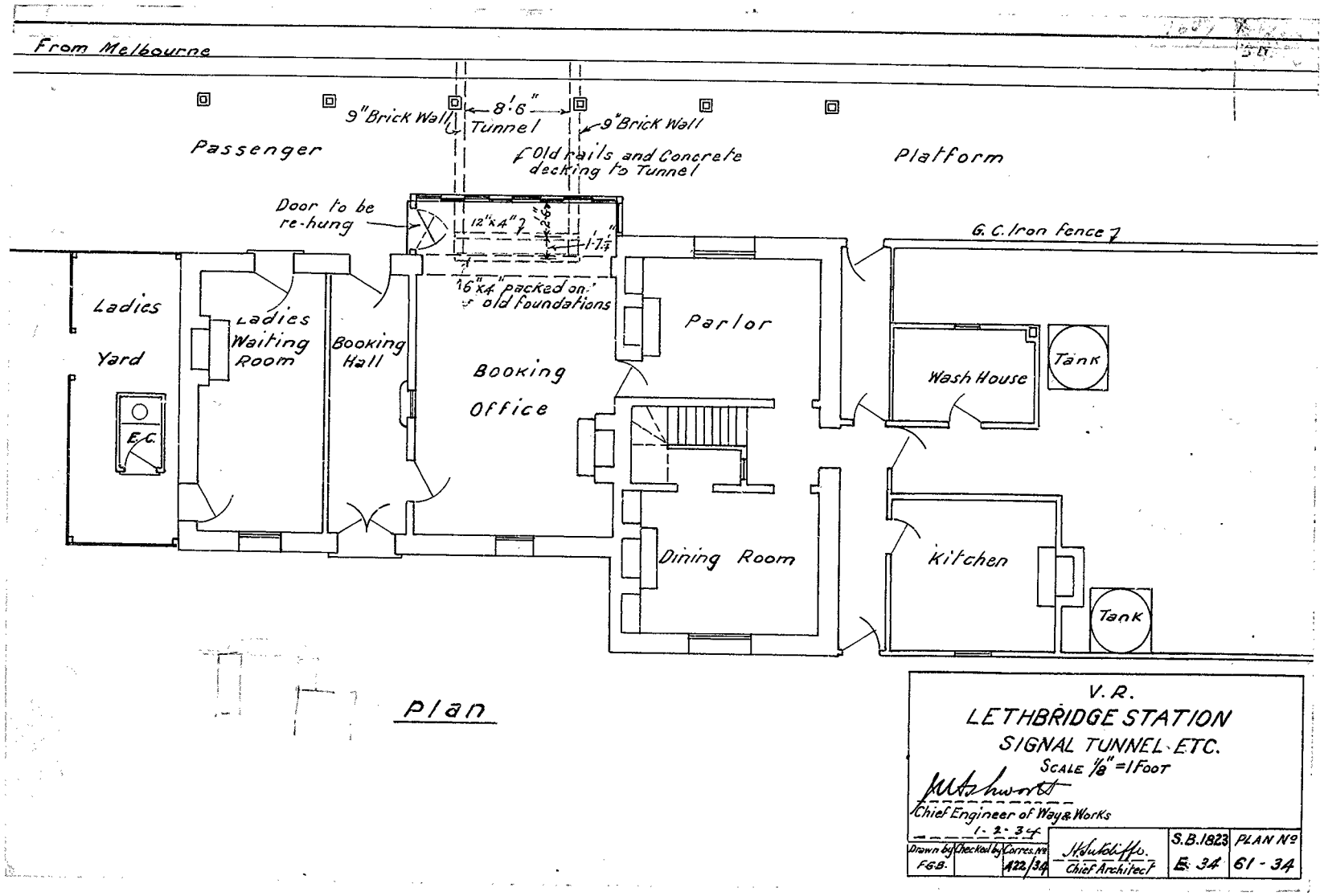
332/15

1032

1032

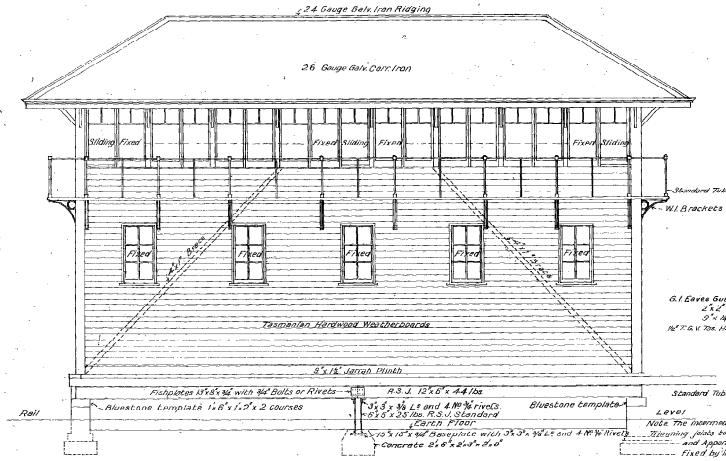
1823

1823

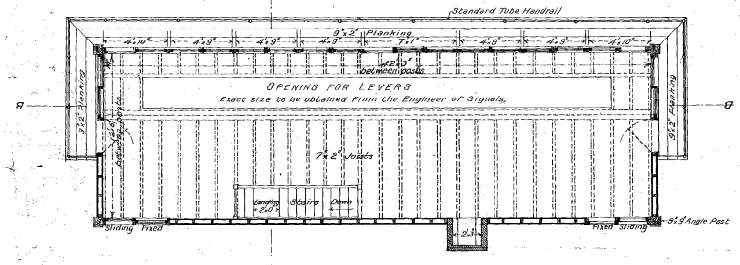

From Melbourne
9" Brick Wall
8'6"
Tunnel
9" Brick Wall
Passenger
Old rails and Concrete decking to Tunnel
Platform
Door to be re-hung
12"x4"
2'6"
1'7½"
G. C. Iron fence
6"x4" packed on old foundations
Ladies Yard
Ladies Waiting Room
Booking Hall
Booking Office
Parlor
Wash House
Tank
E.C.
Dining Room
Kitchen
Tank
Plan
V. R.
LETHBRIDGE STATION
SIGNAL TUNNEL ETC.
SCALE 1/8" = 1 FOOT
Chief Engineer of Way & Works
1-2-34
Drawn by F.G.B.
Checked by
Corres. No 422/34
Chief Architect
S.B. 1823 E. 34
PLAN No 61-34

V. R.
LILYDALE STATION
NEW SIGNAL BOX
on Island Platform.
Scale 4 Feet to an Inch.

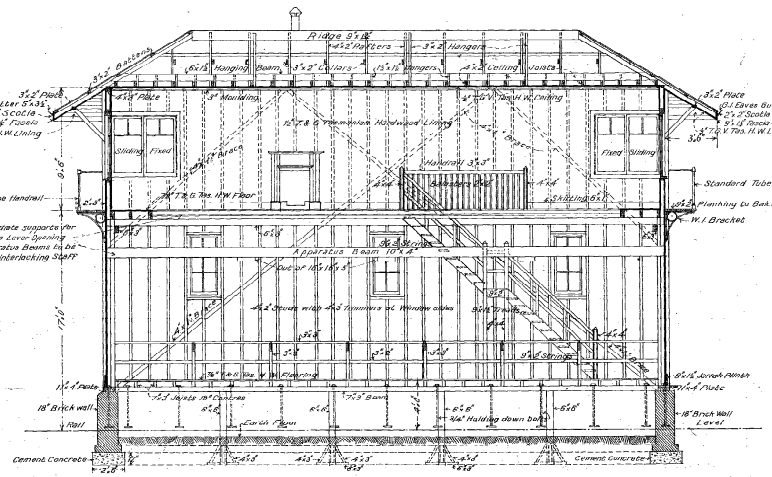
24.1.13 EC



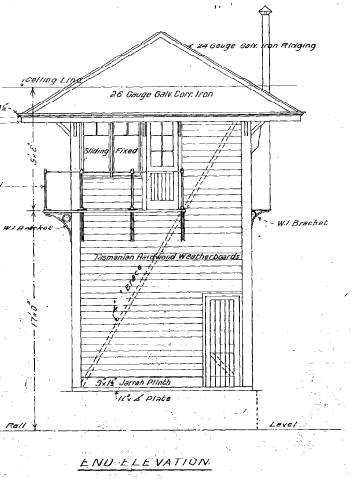
FRONT ELEVATION.



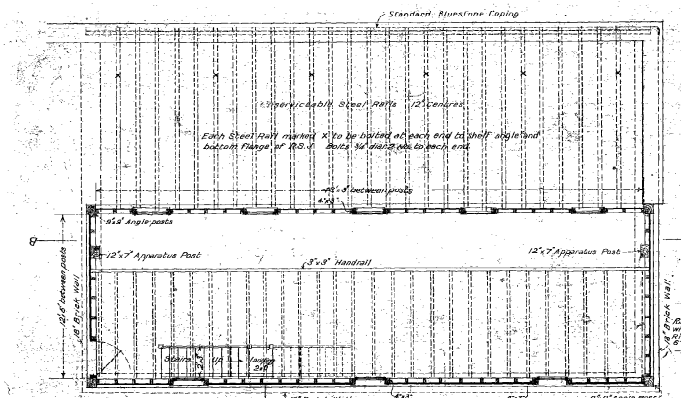
UPPER FLOOR PLAN.



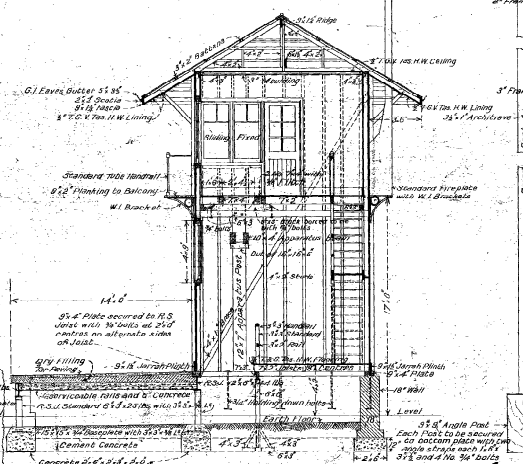
SECTION B.B.



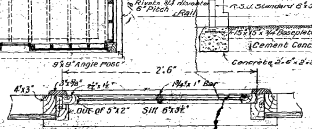
END ELEVATION.



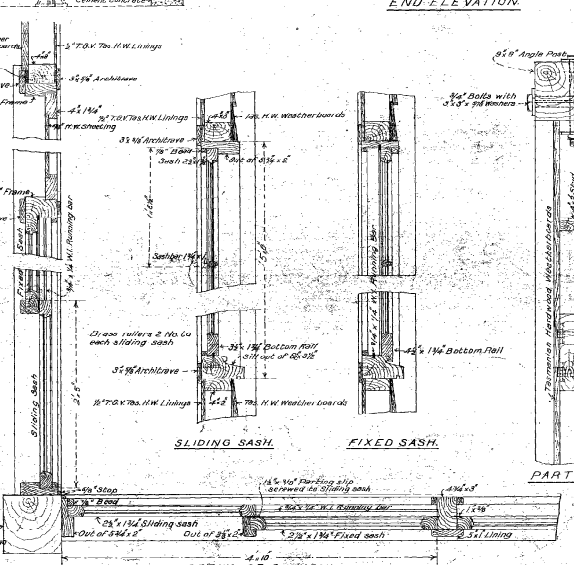
LOWER FLOOR PLAN.



SECTION A.A.

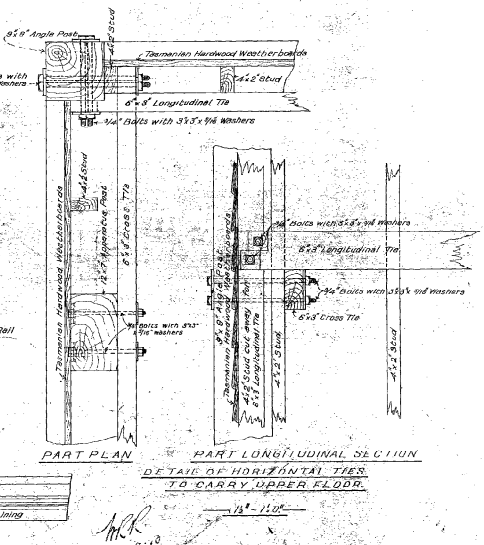


DETAIL OF FIXED WINDOW.



SLIDING SASH. FIXED SASH.

DETAIL OF SASHES.
1½" = 1'0"

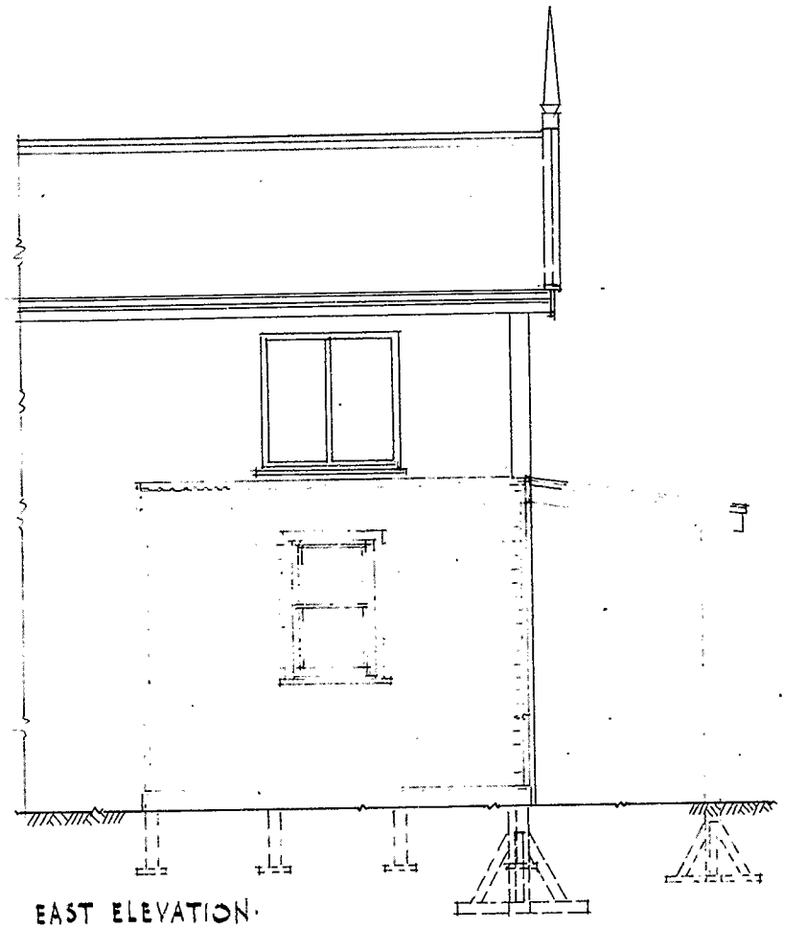


PART PLAN. PART LONGITUDINAL SECTION
DETAIL OF HORIZONTAL TIES TO CARRY UPPER FLOOR.
1½" = 1'0"

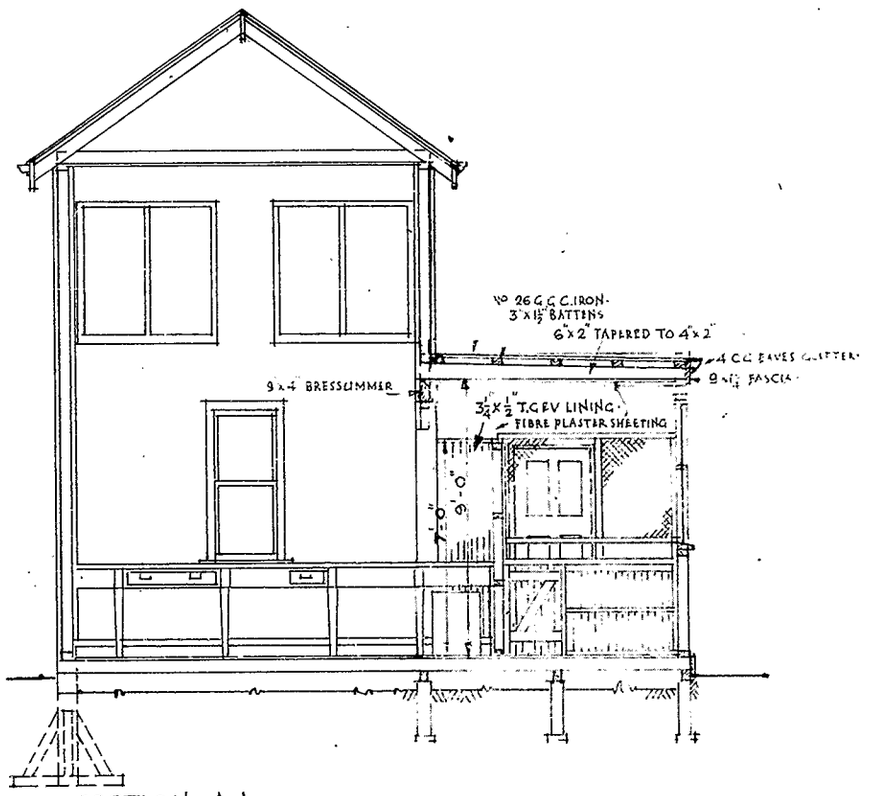
14.2.13

14.2.13

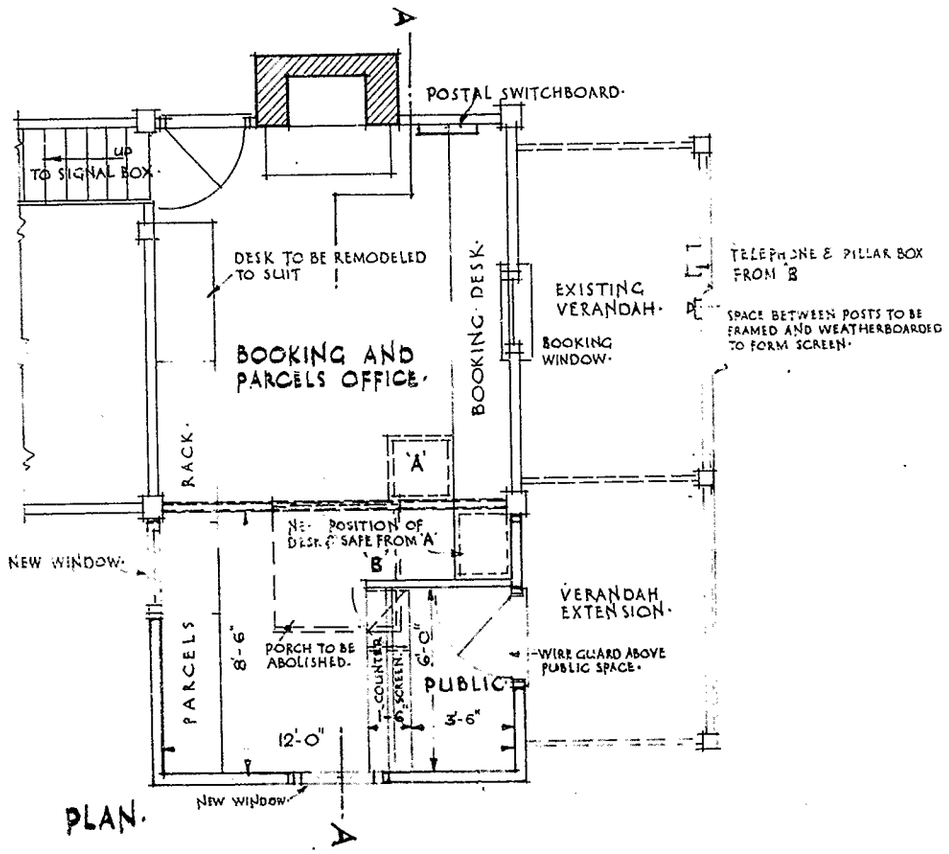
290.13



EAST ELEVATION.



SECTION A·A·



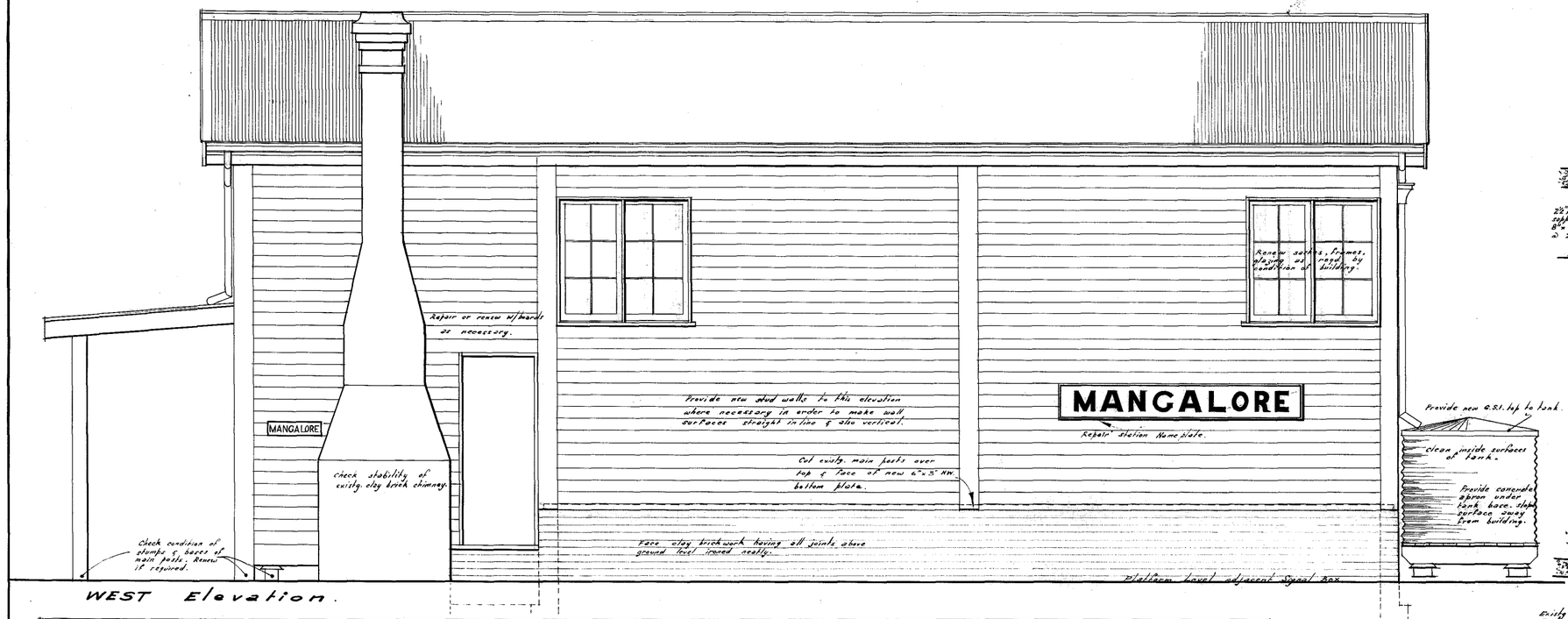
PLAN.

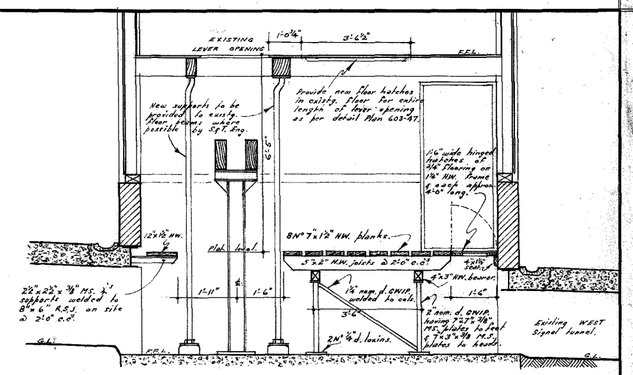
V. R.
MANGALORE.
ADDITIONS AND ALTERATIONS TO BOOKING & PARCELS OFFICE.
SCALE ¼"=1'-0"

CHIEF CIVIL ENGINEER:

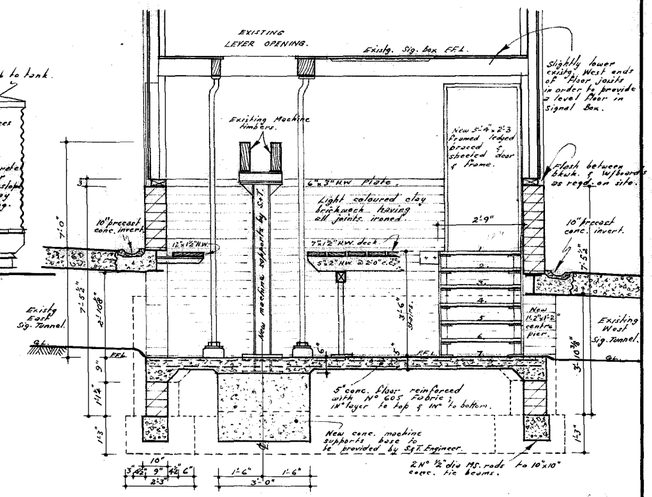
COMPLETED — 3-8-42.					
DRAWN W.J.V.	CHECKED	CORRES.	CHIEF ARCHITECT 2.7.42	SB 2362 C.34	PLAN No 448-42

2362





SECTION looking SOUTH showing details of INSPECTION PLATFORMS.



SECTION looking SOUTH through both SIG. TUNNELS.

NOTES

Clean down, burn off as necessary & repaint entire building after first bringing to an as-new condition.

NOTE!

READ THIS PLAN IN CONJUNCTION WITH S.&T. ENGINEER'S PLAN N.659.

Signal & Telegraph Engineer.

Revision.	Date.	Description.	Amended By.

V.R.

MANGALORE

RECONDITIONING of SIGNAL BOX.

SHEET No 2.

D.S.W 26.1.67

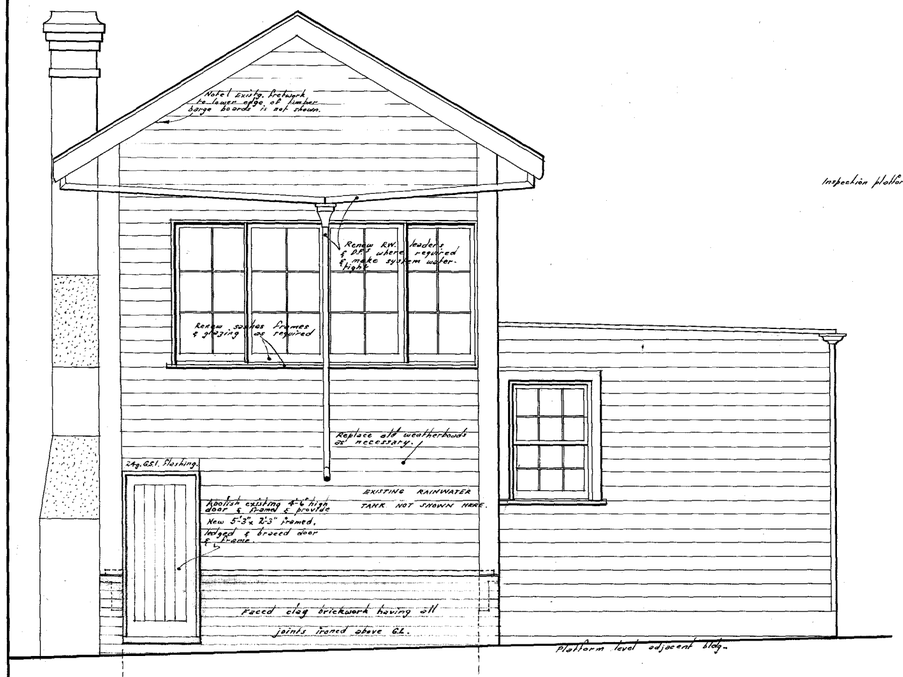
Scale 3/8" = 1'0"

Actg. CHIEF CIVIL ENGINEER.

Drawn.	Traced.	Check.	Corr. No.		SB.4756	Plan No.
J.N.H.				Senior Architect.	B.34.	764-66

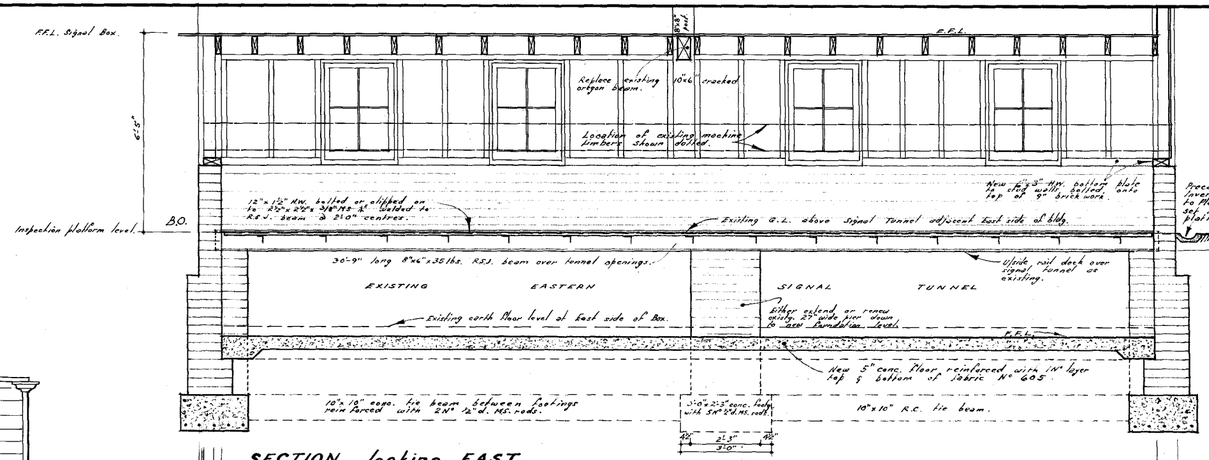
3.11.66

4756

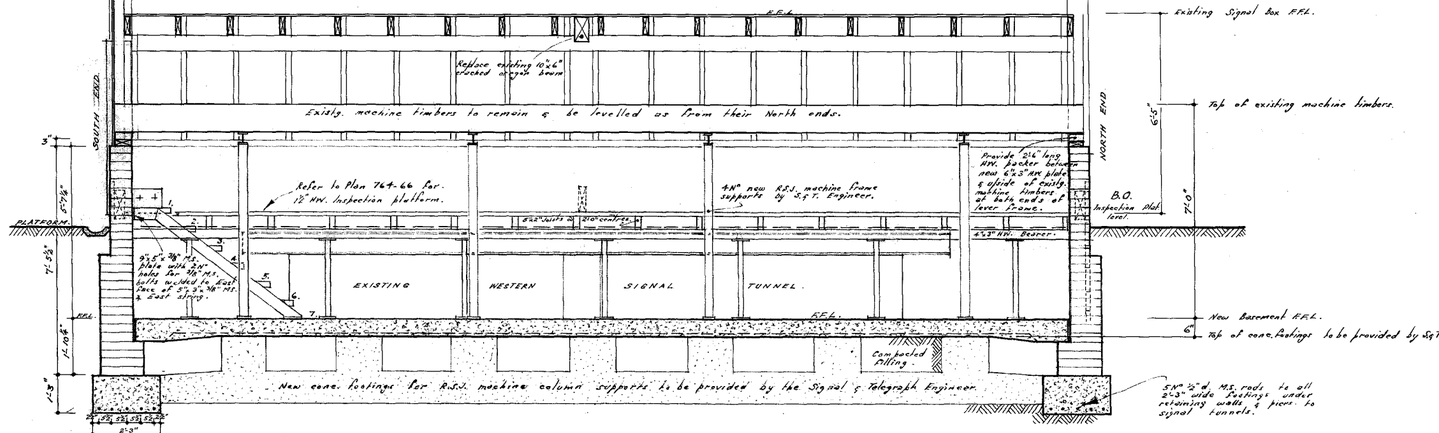


SOUTH Elevation.

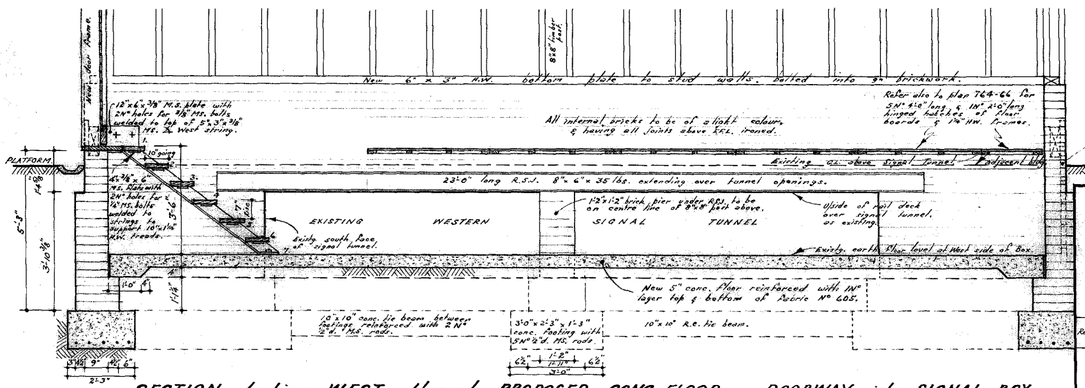
NORTH Elevation.



SECTION looking EAST.



SECTION looking WEST through INTERLOCKING MACHINE BASE.



SECTION looking WEST through PROPOSED CONC. FLOOR & DOORWAY into SIGNAL BOX BASEMENT.

NOTE!
READ THIS PLAN IN CONJUNCTION WITH S. & T. ENGINEERS PLAN N. 659

K&C
Signal & Telegraph Engineer.

Revision	Date.	Description	Amended By.

V.R.

MANGALORE
RECONDITIONING of SIGNAL BOX.
SHEET No. 1.

D.S.W. 26.1.67
Actg. CHIEF CIVIL ENGINEER.

Scale ⅜"=1'0"

Drawn.	Traced.	Check.	Corr. No.	Senior Architect.	SBA735 Plan No.
J.N.M.				B.34.	763-66

3.11.66

4755

Drawer No 5.

1050.

VICTORIAN RAILWAYS

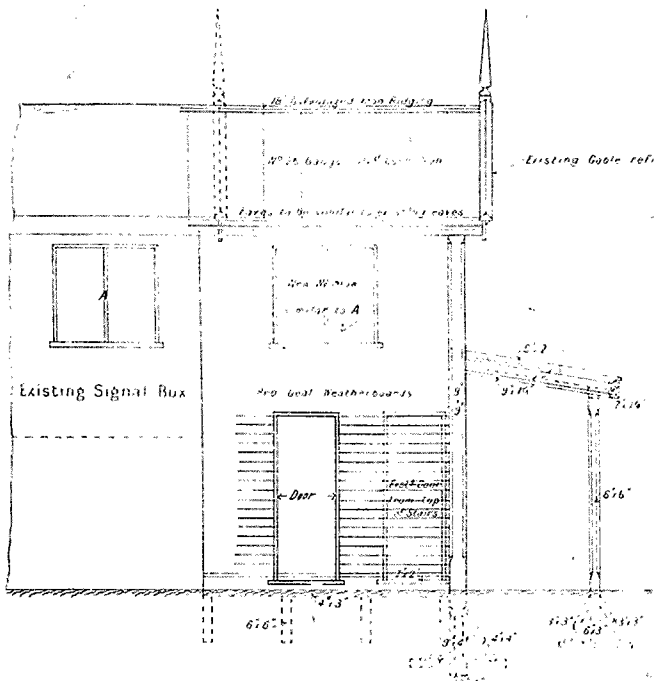
MANGALORE STATION

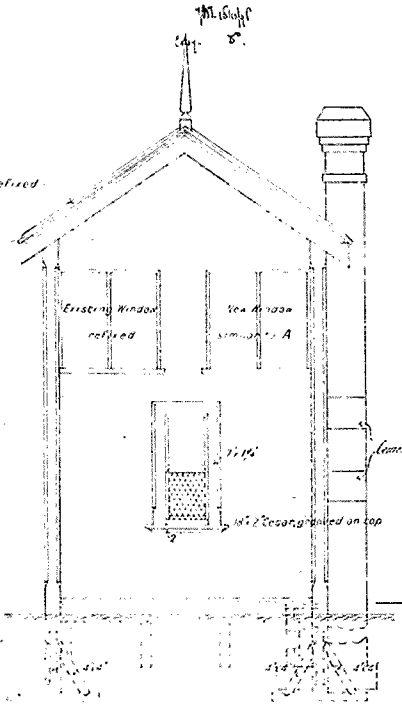
Addition of Booking Office to Signal Box

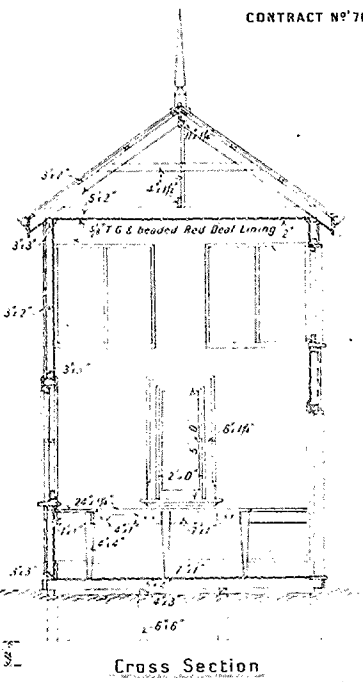
SCALE 4 FEET TO AN INCH

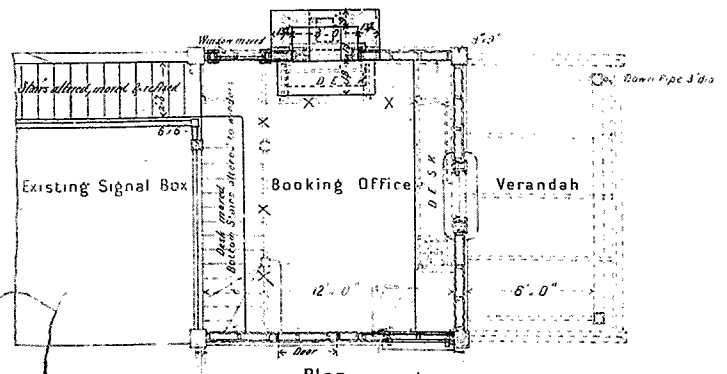
Additional fireplace; altered position of stairs &c

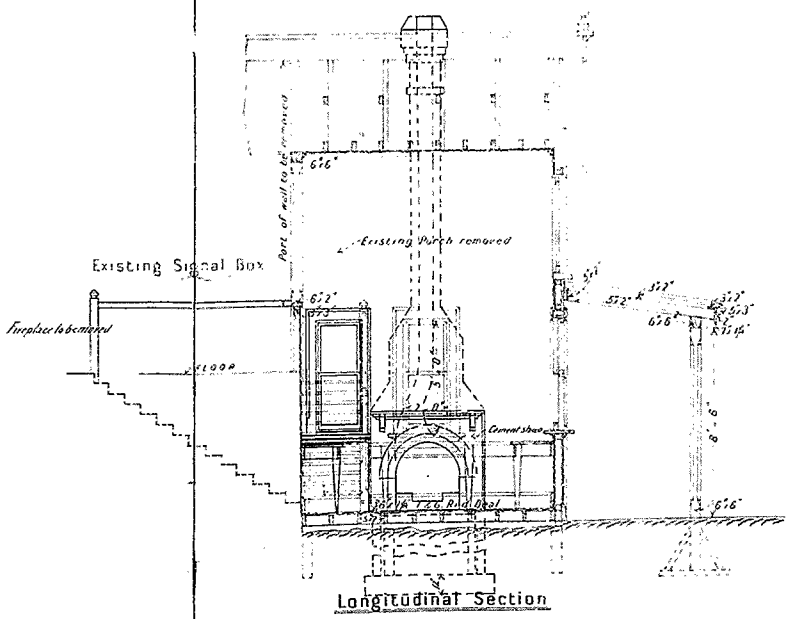
CONTRACT Nº 7041











RAILWAY DEPARTMENT MELBOURNE FEB. 1898

SB-1050.

B-34.

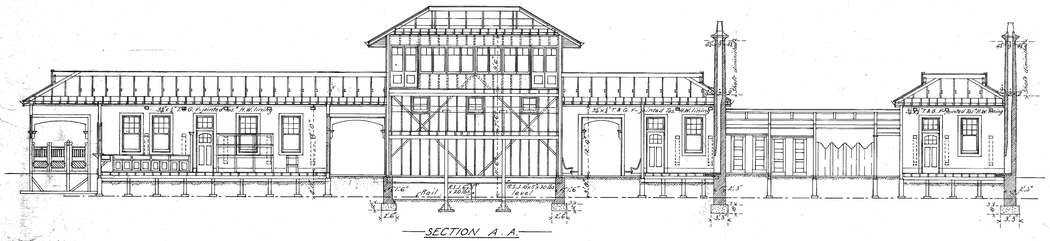
V.R.
MAROONA.
NEW STATION BUILDINGS

Scale 8 Feet to an Inch
Scale for Details
1" 1/2 and 1/2 to one Foot

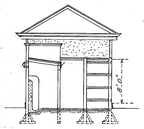
A.G.B. 14.9.15.



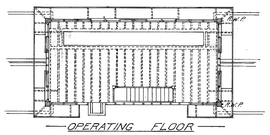
ELEVATION TO PLATFORM



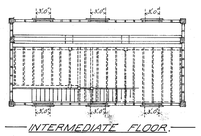
SECTION A.A.



SECTION D.D.

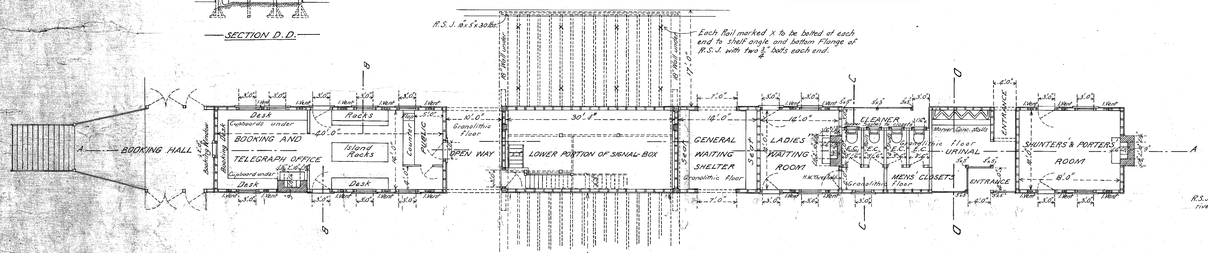


OPERATING FLOOR



INTERMEDIATE FLOOR.

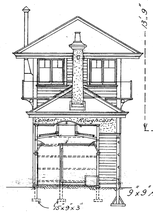
NOTE. Drawings for Verandah will follow later. Fittings to be made at Nuckemaster's Shop, N. Melb.



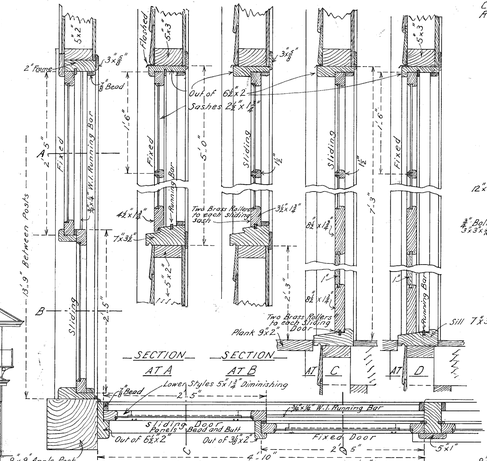
PLAN

BUILDINGS ON ISLAND PLATFORM

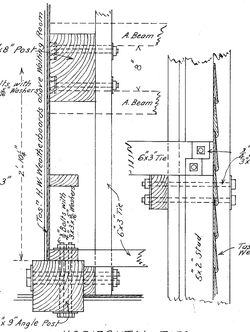
14.9.15



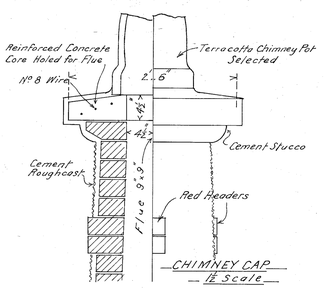
SECTION C.C.



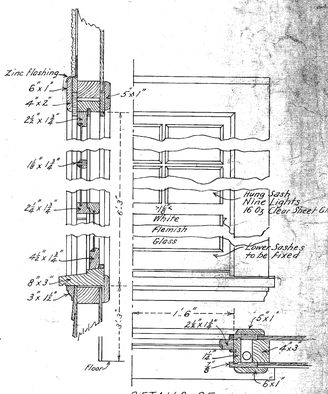
SASHES AND DOORS



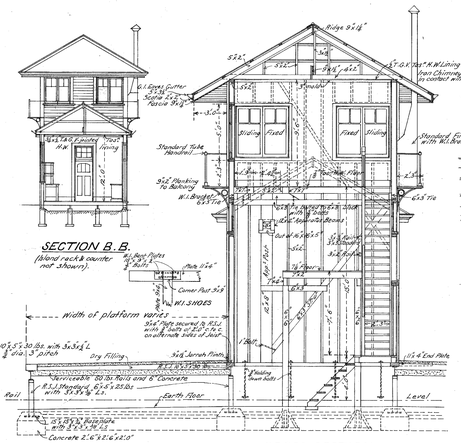
HORIZONTAL TIES



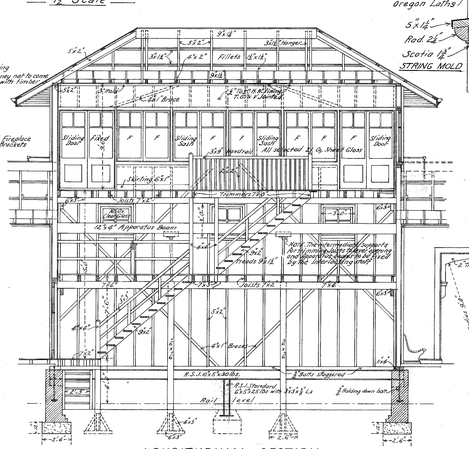
CHIMNEY CAP
1/2 Scale



DETAILS OF ORDINARY WINDOWS
1/2 Scale

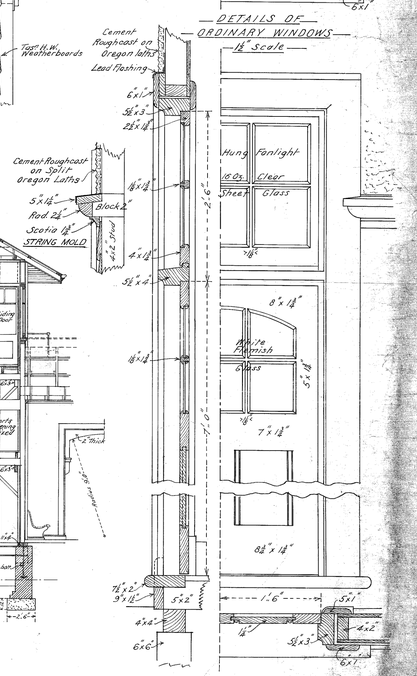


CROSS SECTION

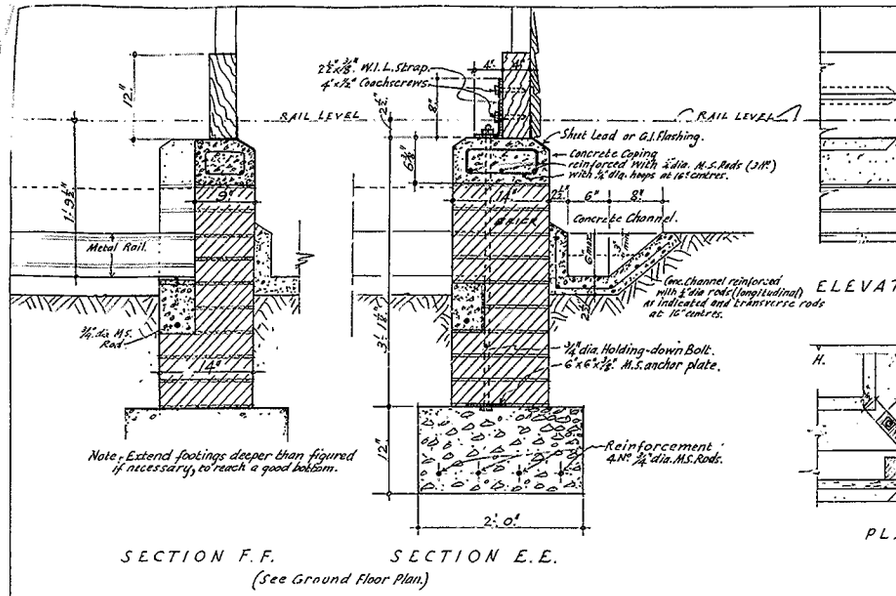


LONGITUDINAL SECTION

SIGNAL BOX
1/4" Scale

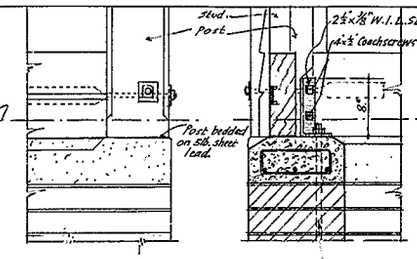


DETAILS OF ORDINARY DOORS
1/2 Scale



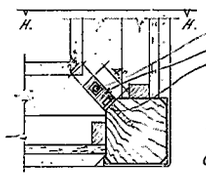
SECTION F.F. (See Ground Floor Plan.)

SECTION E.E.



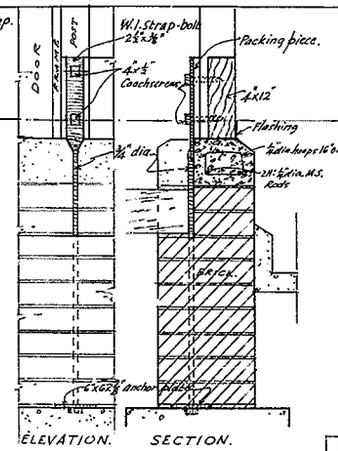
ELEVATION.

SECTION H.H.



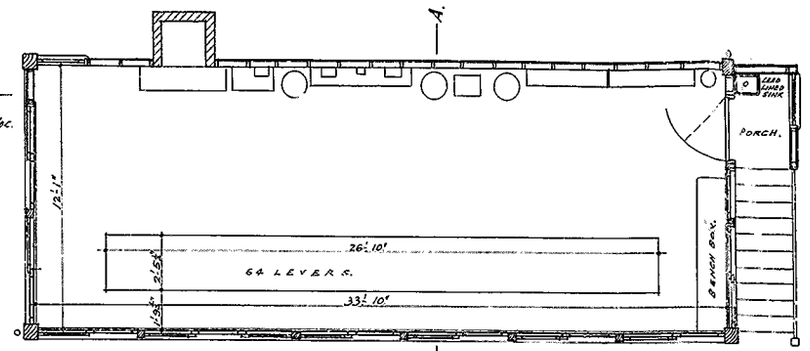
PLAN.

TYPICAL DETAIL CONNECTION AT G. see Ground Floor Plan.

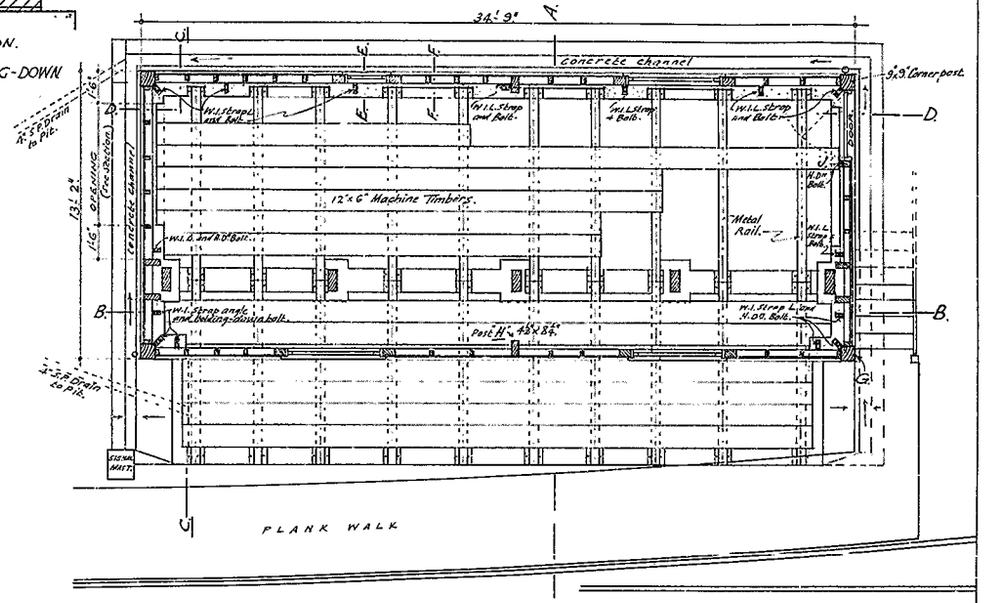


ELEVATION. SECTION.

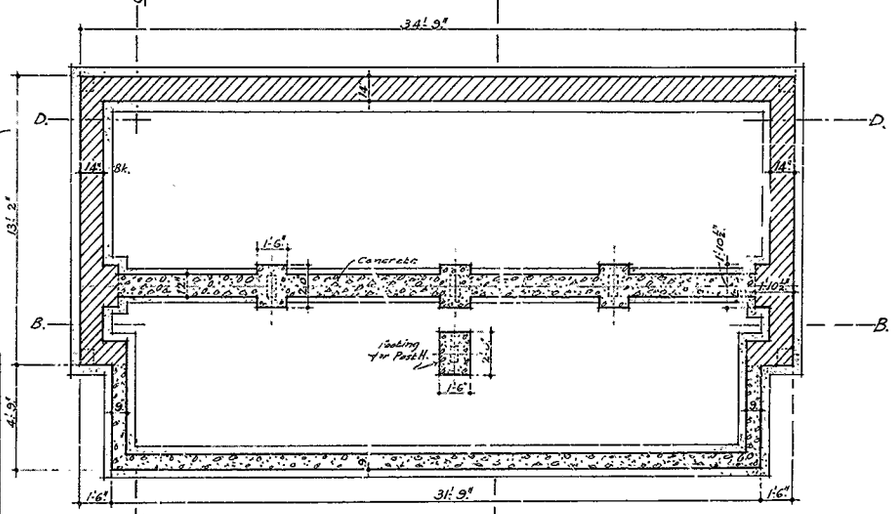
DETAIL OF STRAP HOLDING-DOWN BOLT AT 'J.' see Ground Floor.



OPERATING FLOOR.

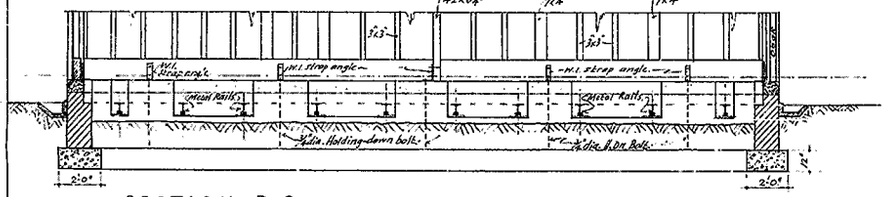


GROUND FLOOR.

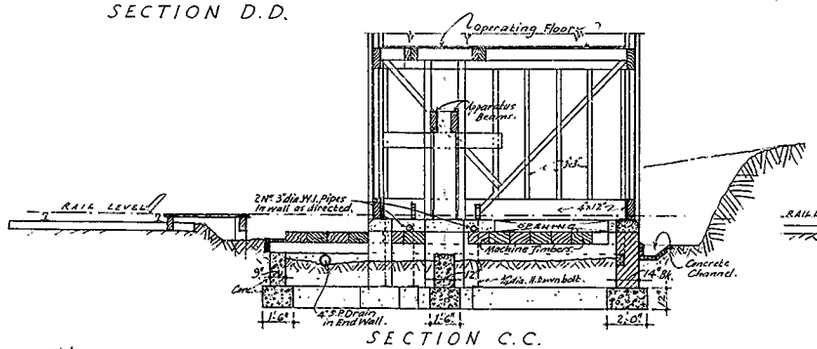


FOUNDATION PLAN.

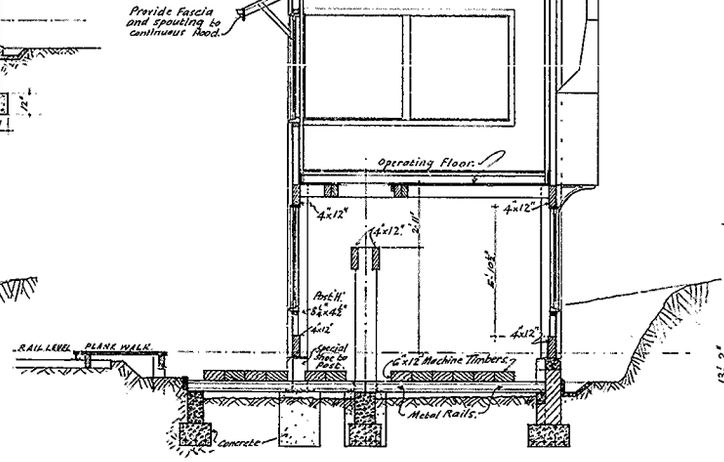
NOTES.-
Existing timber footings of Box to be removed.
Renew footings in brick and concrete as indicated.
Concrete footings composed of one part of P. Cement, two parts of sand, four parts graded (1½" to ½") bluestone.
Footings reinforced with ½" M.S. Rods spaced as indicated.
Conc. Coping composed of one part P. Cement, 1½ parts sand, three parts graded (½" to ¼") bluestone toppings.
Coping reinforced with ½" dia. M.S. Rods placed as indicated.
Concrete Channel shall be of material as noted for Coping.
Brickwork mortar composed of one part P. Cement, two parts hydrated lime, eight parts sand.
Mortar shall be waterproofed by adding ½ gallon of "Nonporite" No 2 paste to each bag of cement (9 lbs).
Existing bottom wall plates and corner posts shall be anchored to base as indicated.
Signal & Tel. Division will provide special seating shoes to apparatus beam posts and post 'H'. - Metal rails and fixings taking machine timbers:-
Special pipe supports under front wall beam where directed See S.&T. Division PLAN. N.333.
The portion of Ground Floor not taken up by 12"x6" timbers to be decked with 6"x2" planking on 4"x3" joists over metal Rails.



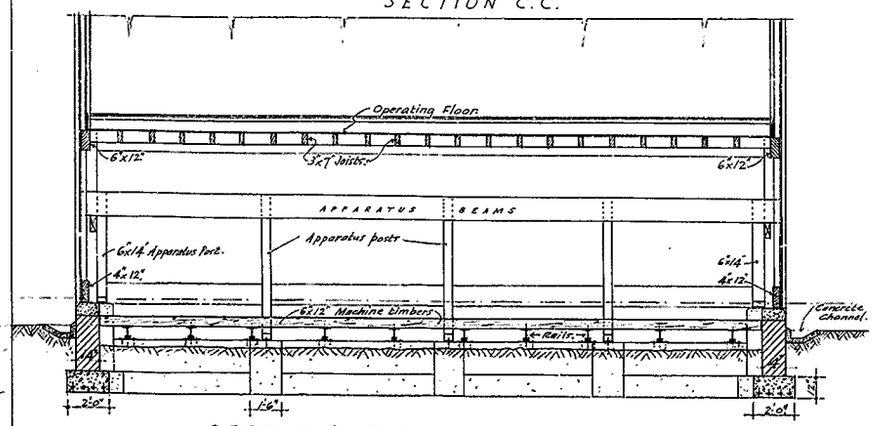
SECTION D.D.



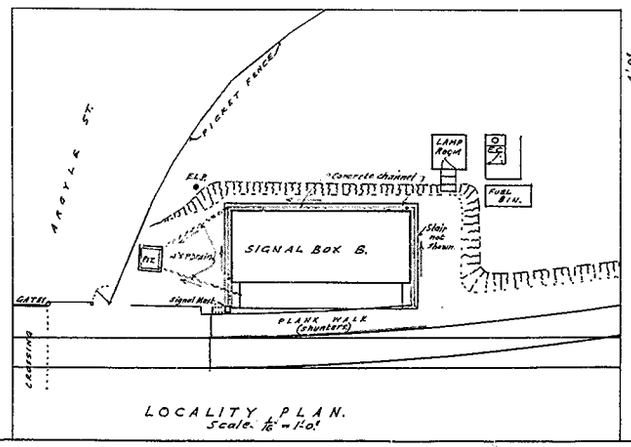
SECTION C.C.



SECTION A.A.



SECTION B.B.



LOCALITY PLAN. Scale. 1/16" = 1'-0"

V-R

MARYBOROUGH.

PROPOSED RENEWALS TO SIGNAL BOX 'B'

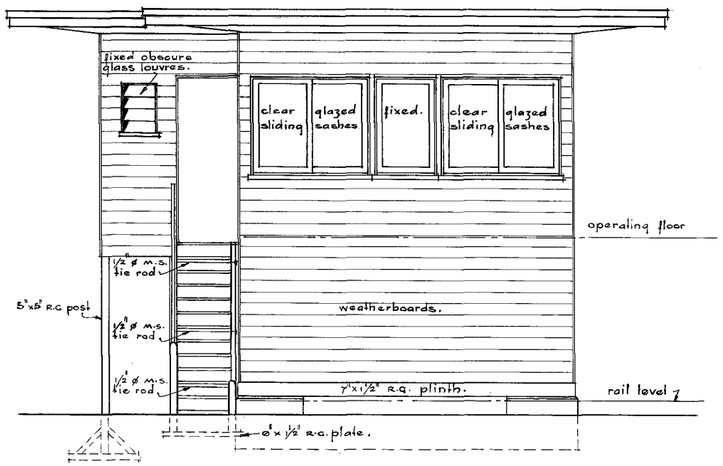
SCALES.- ¼" AND 1" = ONE FOOT.

CHIEF CIVIL ENGINEER

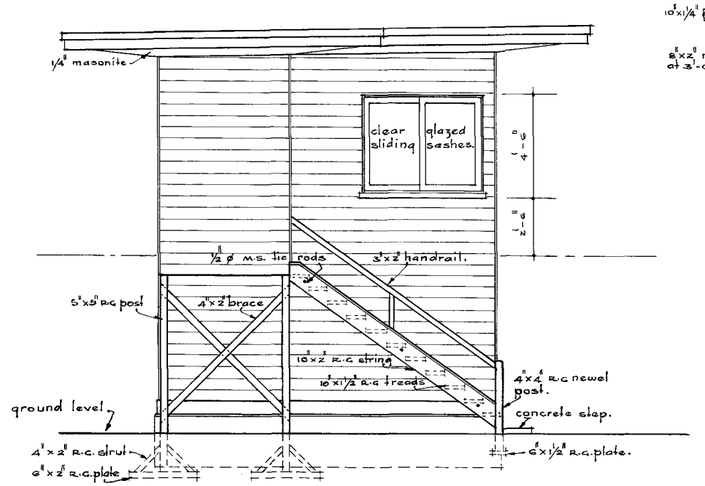
WORK COMPLETED					
DRAWN BY	CHECKED BY	CORRES No	CHIEF ARCHITECT.	S.B. 2515	PLAN No
		10460/44	2-10-1944.	B.34.	538-44

34

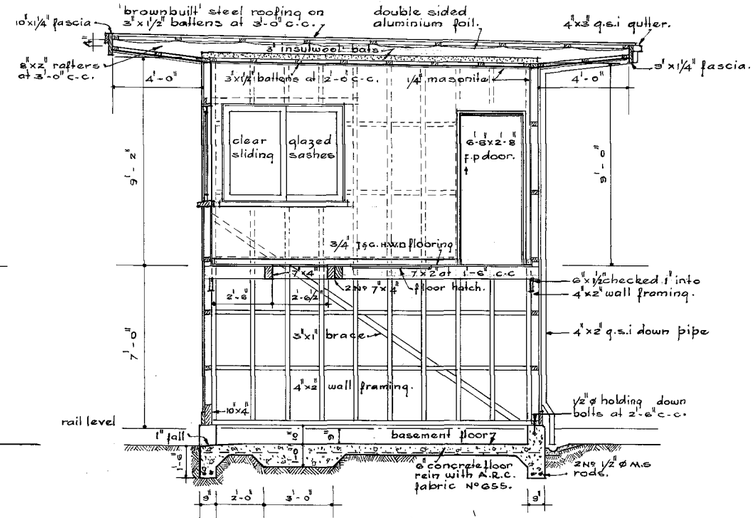
2515



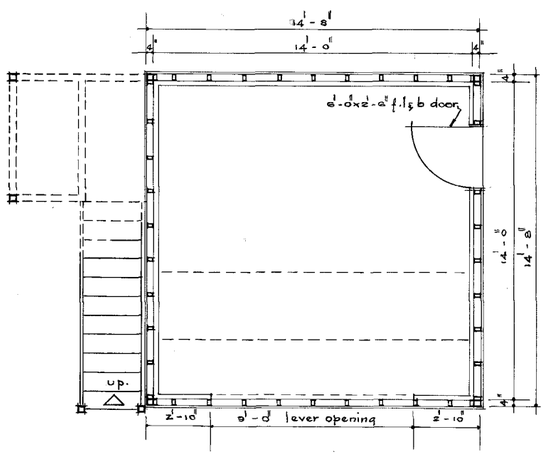
WEST ELEVATION.



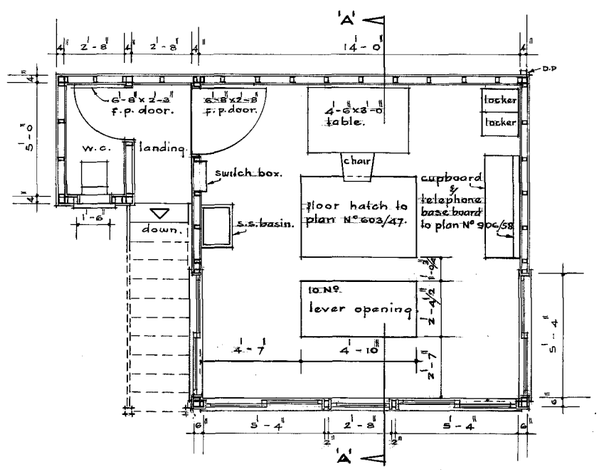
NORTH ELEVATION.



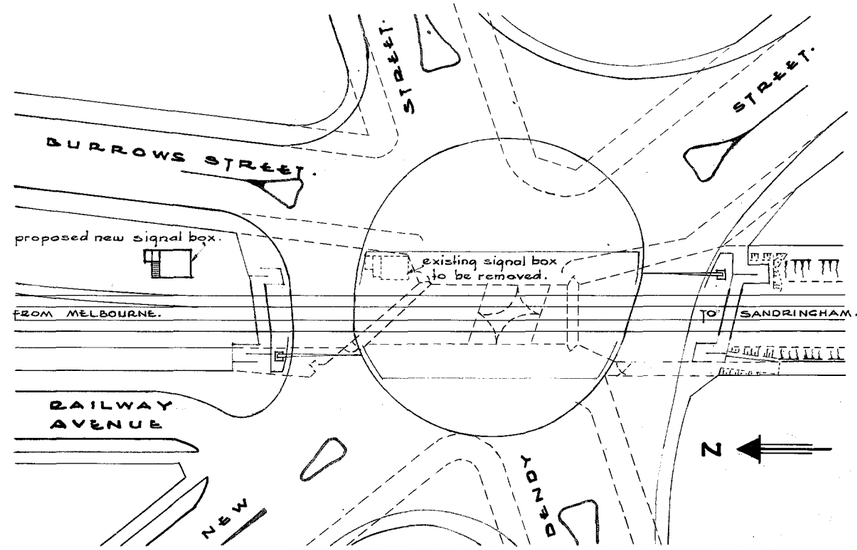
SECTION 'A-A'



BASEMENT FLOOR PLAN.
scale 1/4" = 1'-0".



OPERATING FLOOR PLAN.



SITE PLAN.
scale 40'-0" = 1".

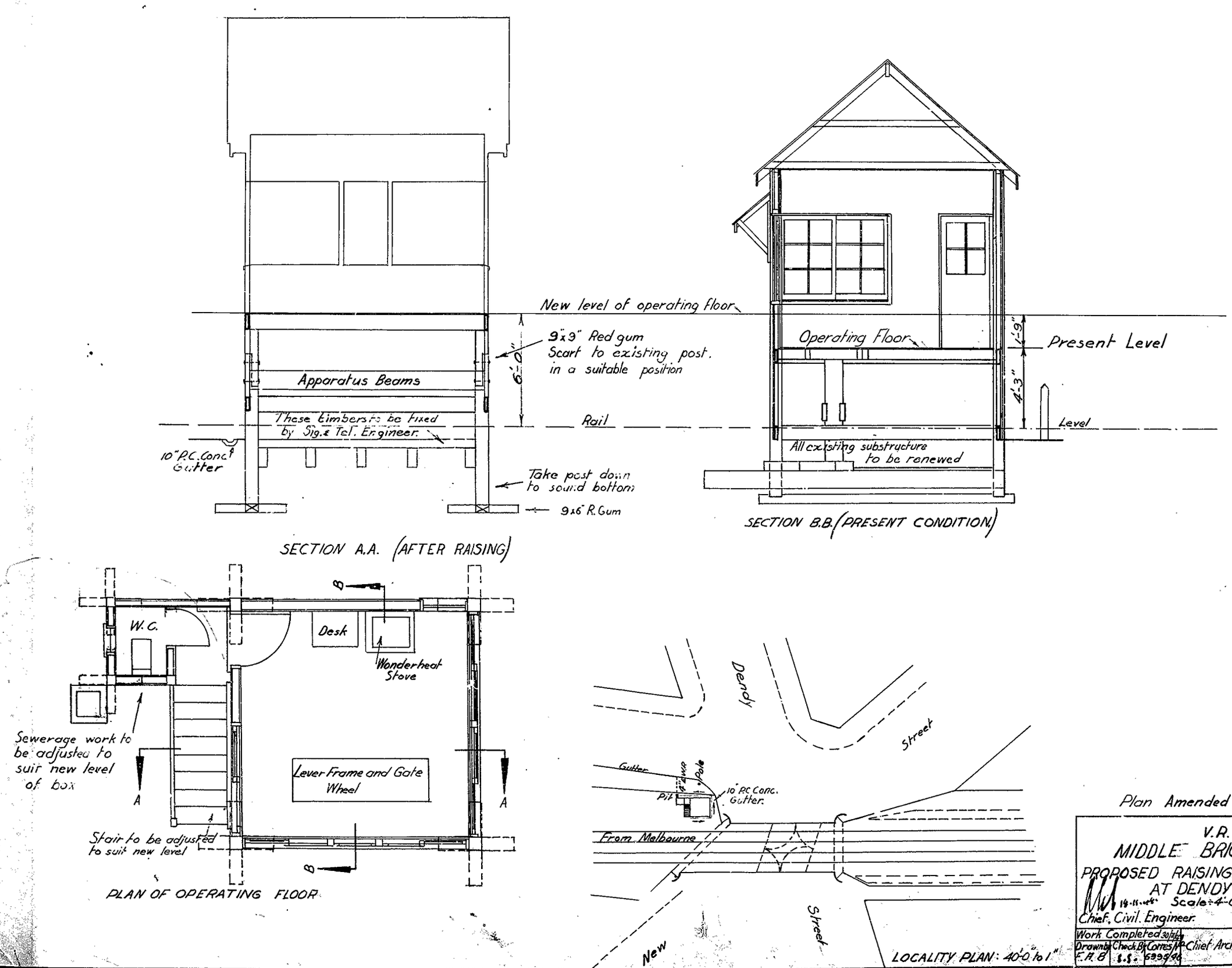
V.R.
MIDDLE BRIGHTON
PROPOSED NEW SIGNAL BOX
scales as shown.

9.10.62
A/Chief Civil Engineer.

4.10.62
S&T Engineer.

Revision	Date.	Amendment.	Amended by	Drawn	Traced	Checked	Corres No		B.313.	PLAN No
				H.L.G.			10363/59.	Senior Architect.	B 65.	345/62

313



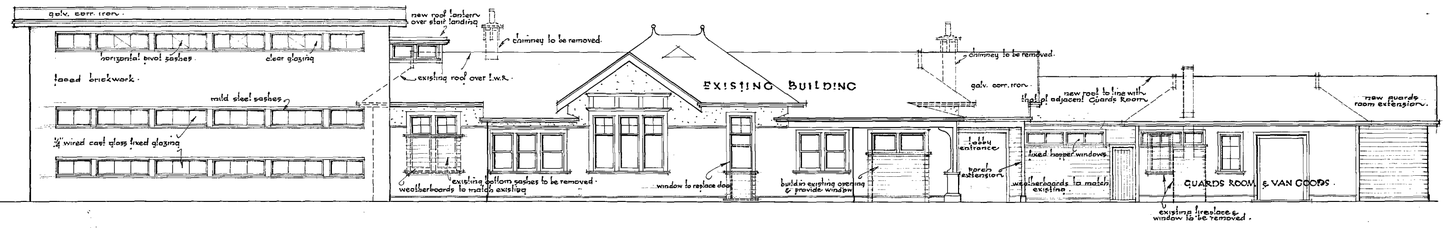
Plan Amended 8-11-48

V.R.
MIDDLE BRIGHTON
PROPOSED RAISING OF SIGNAL BOX
AT DENDY STREET
Scale: 4'-0" to 1"
Chief, Civil Engineer.

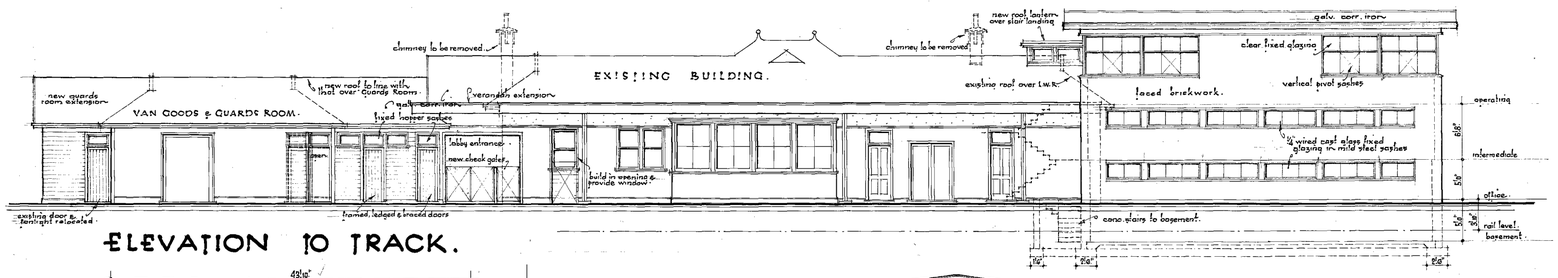
Work Completed 30/7/46					
Drawn by F.A.B.	Check By S.S.	Corres No. 6995/46	Chief Architect	B 202 D 65	Plan No. A 454/46

202.

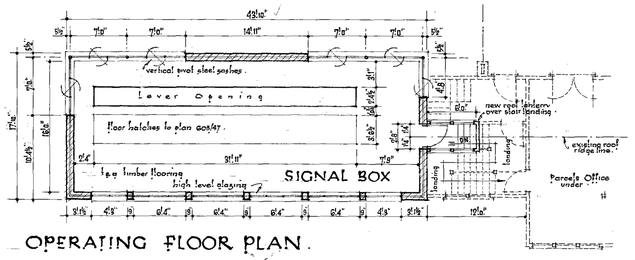
5375
2 WP
Mr Sharer
Dept W.S.



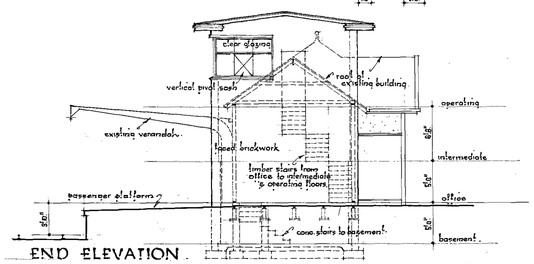
ELEVATION TO STREET.



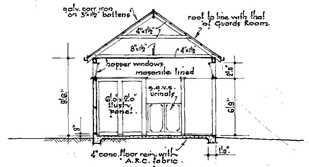
ELEVATION TO TRACK.



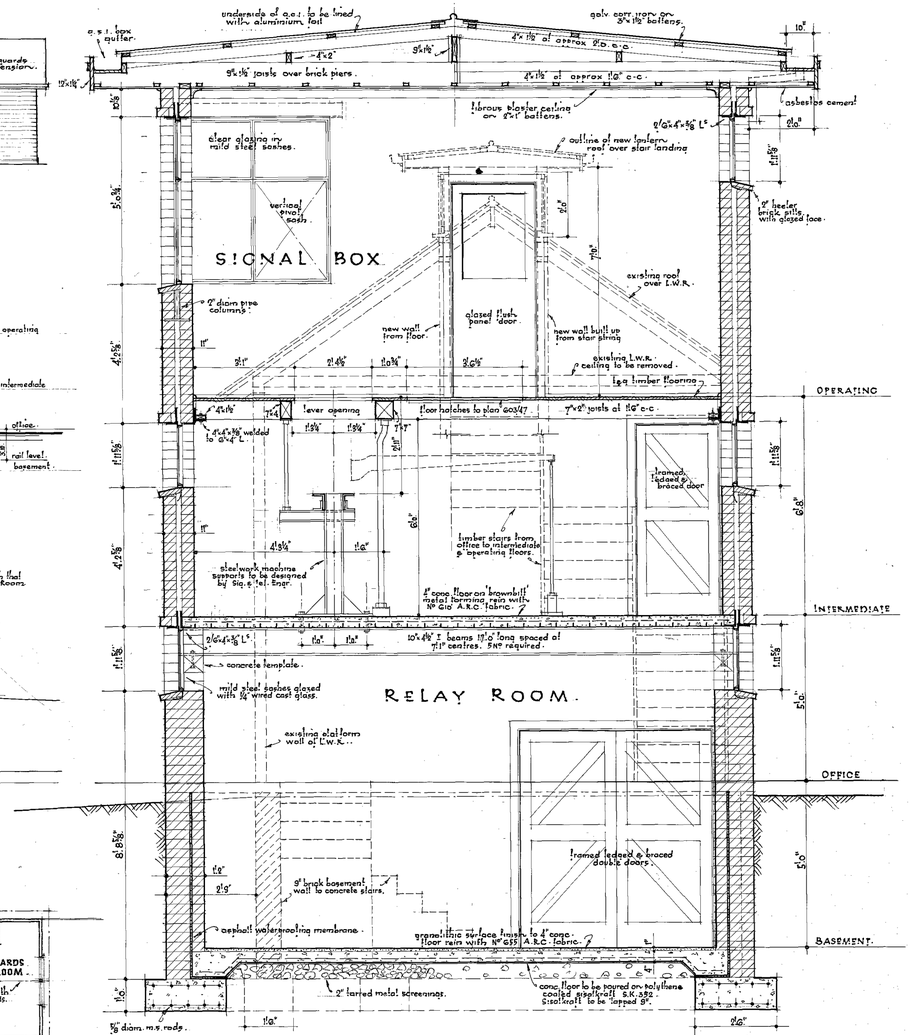
OPERATING FLOOR PLAN.



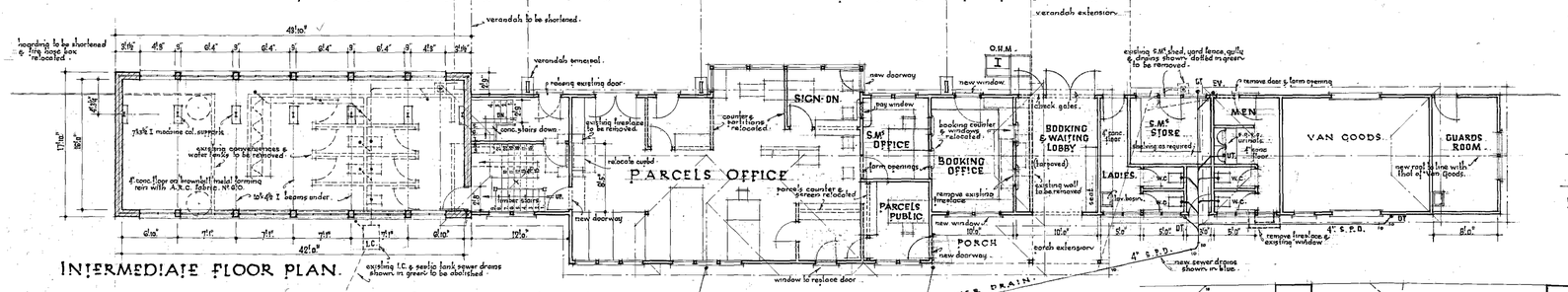
END ELEVATION.



SECTION THRO' CONVENIENCES.

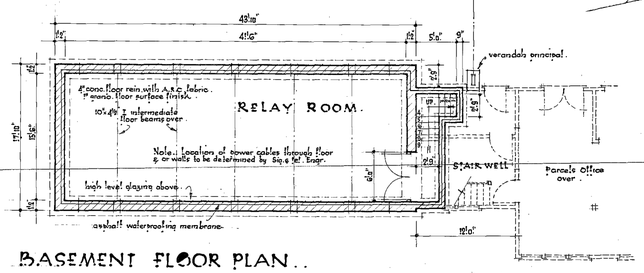


DETAIL CROSS SECTION THRO' SIGNAL BOX & RELAY ROOM. Scale.. ½" to 1'.

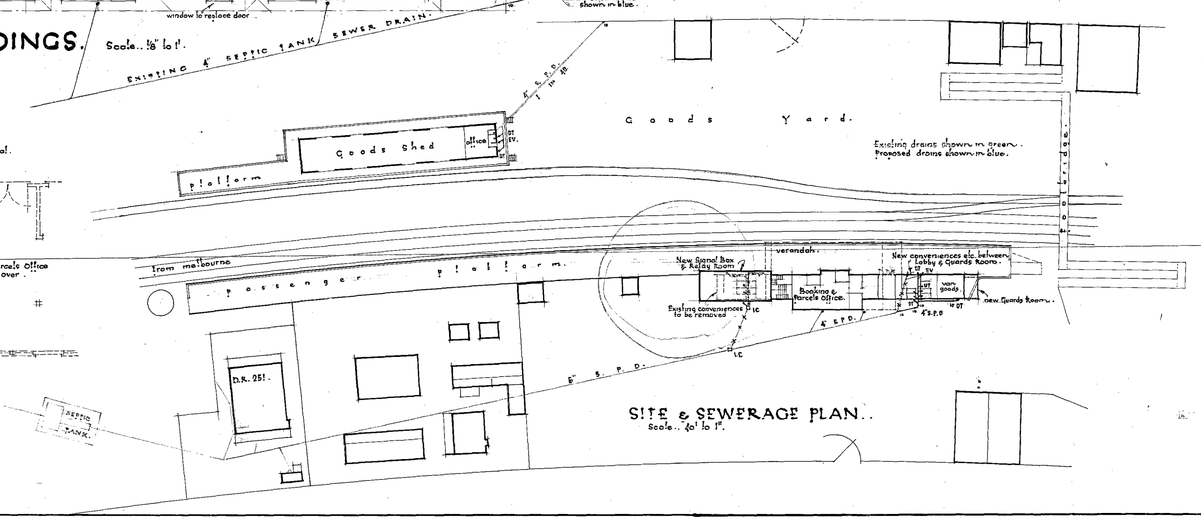


INTERMEDIATE FLOOR PLAN.

PLAN OF STATION BUILDINGS. Scale.. 1/8" to 1'.



BASEMENT FLOOR PLAN..



SITE & SEWERAGE PLAN..
Scale.. 40' to 1".

revision	date	description	amended by.

V. R.

MOE
DETAILS OF NEW SIGNAL BOX & RELAY ROOM & REARRANGEMENT OF STATION BUILDING.

Scales.. 1/8", ½" & 1/40 to 1'.

Chief Civil Engineer. — Signal & Telegraph Engr.

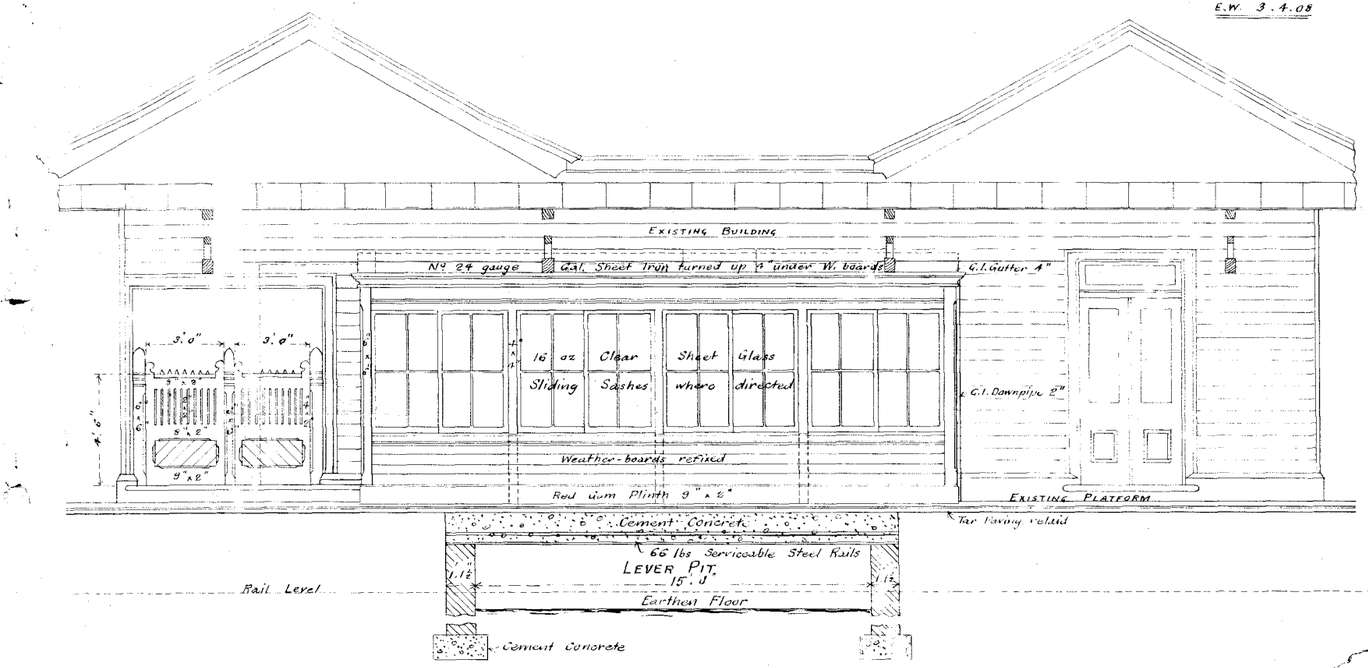
drawn	traced	checked	corres.	Senior Architect.	B. 288 A.64	Plan No. 32/59

288

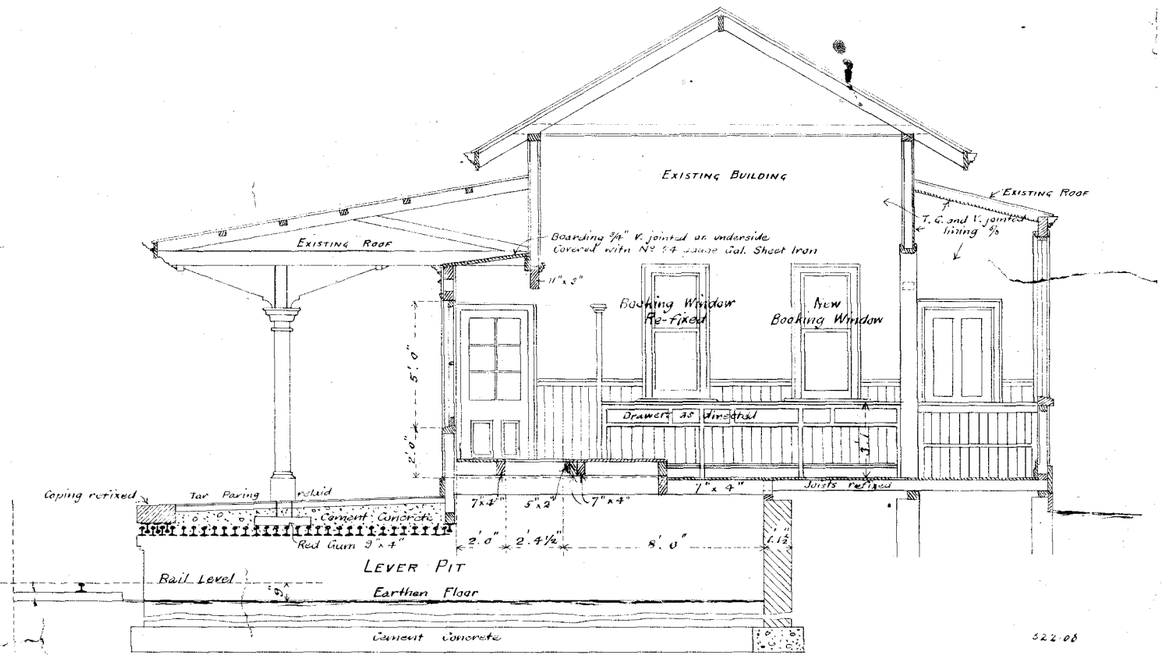
V. R. Combined Signal Box and Booking Office at Mordialloc Station

Scale 4 feet to 1 inch

E.W. 3.4.08



Section through Lever Pit



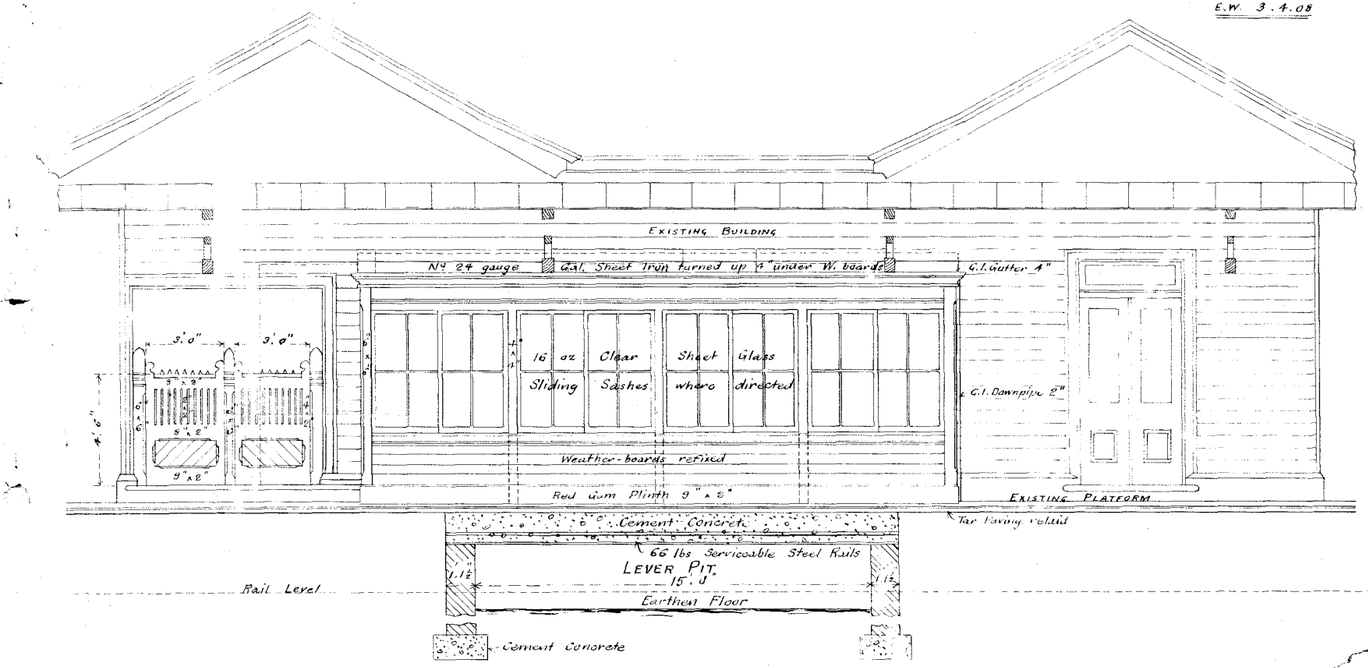
Cross Section

NOTE:- Leading out Timbers etc will be fixed by the Interlocking Staff

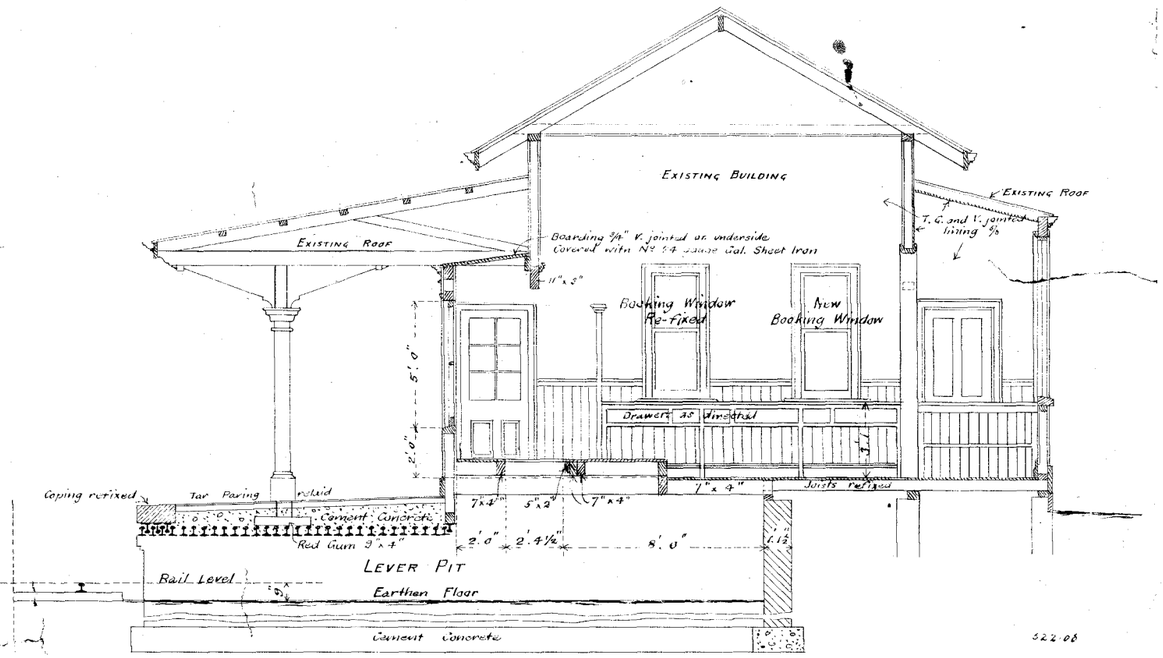
V. R. Combined Signal Box and Booking Office at Mordialloc Station

Scale 4 feet to 1 inch

E.W. 3.4.08



Section through Lever Pit



Cross Section

NOTE:- Leading out Timbers etc will be fixed by the Interlocking Staff

225

V. R.

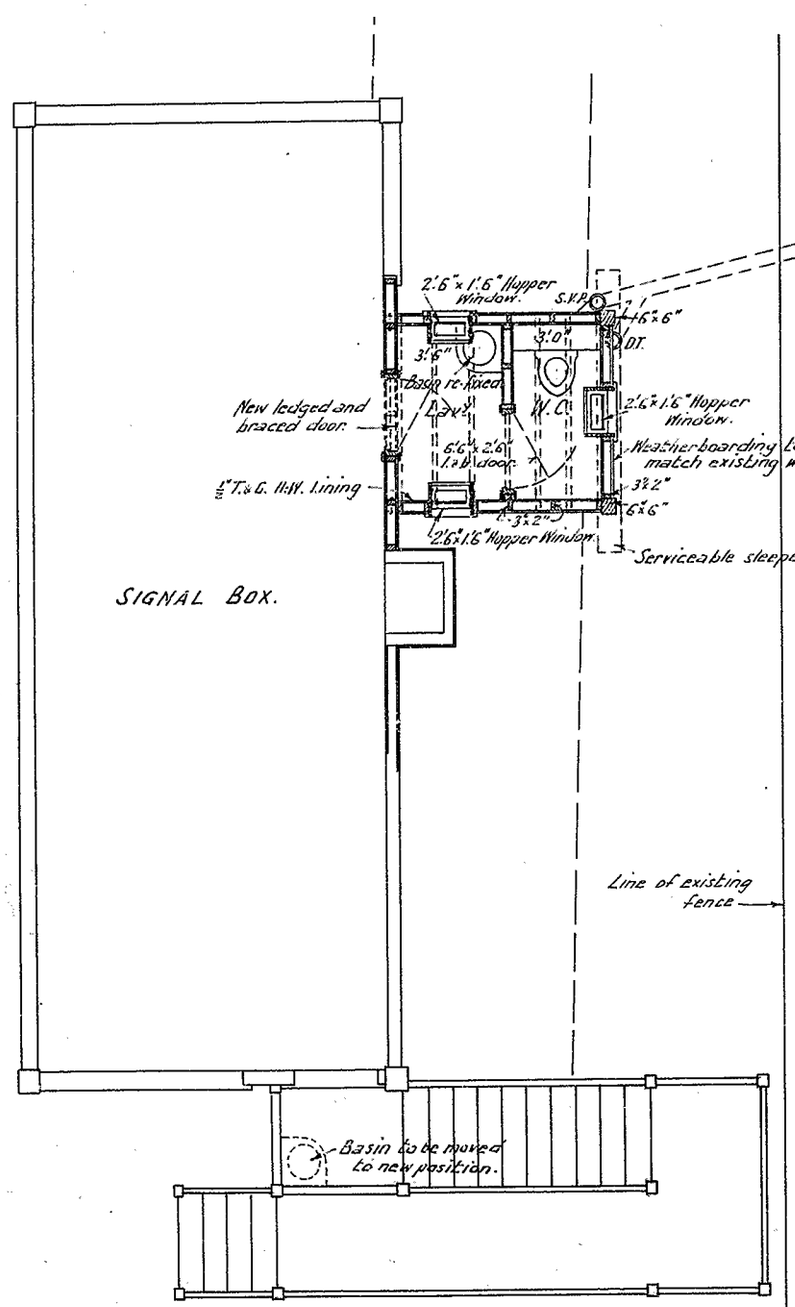
MORDIALLOC

Proposed Closet at Signal Box.

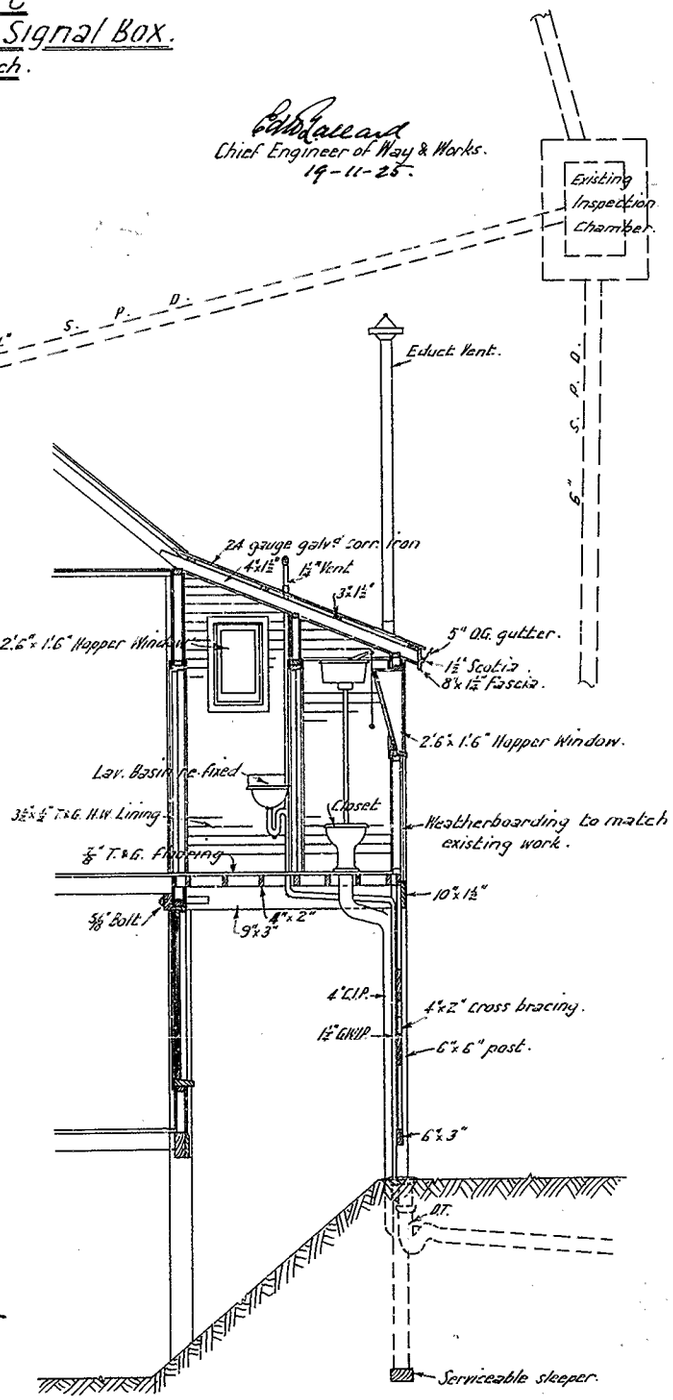
Scale: 4 feet to an inch.

Corres. 25/18734/10270 R.C.O. 17.11.25.

Chief Engineer of Way & Works.
19-11-25.



PLAN.



SECTION A-A.

Chief Architect.
19.11.25.

S. 225.
D. 67.
4043.25

Instructions issued 10/10/11

229

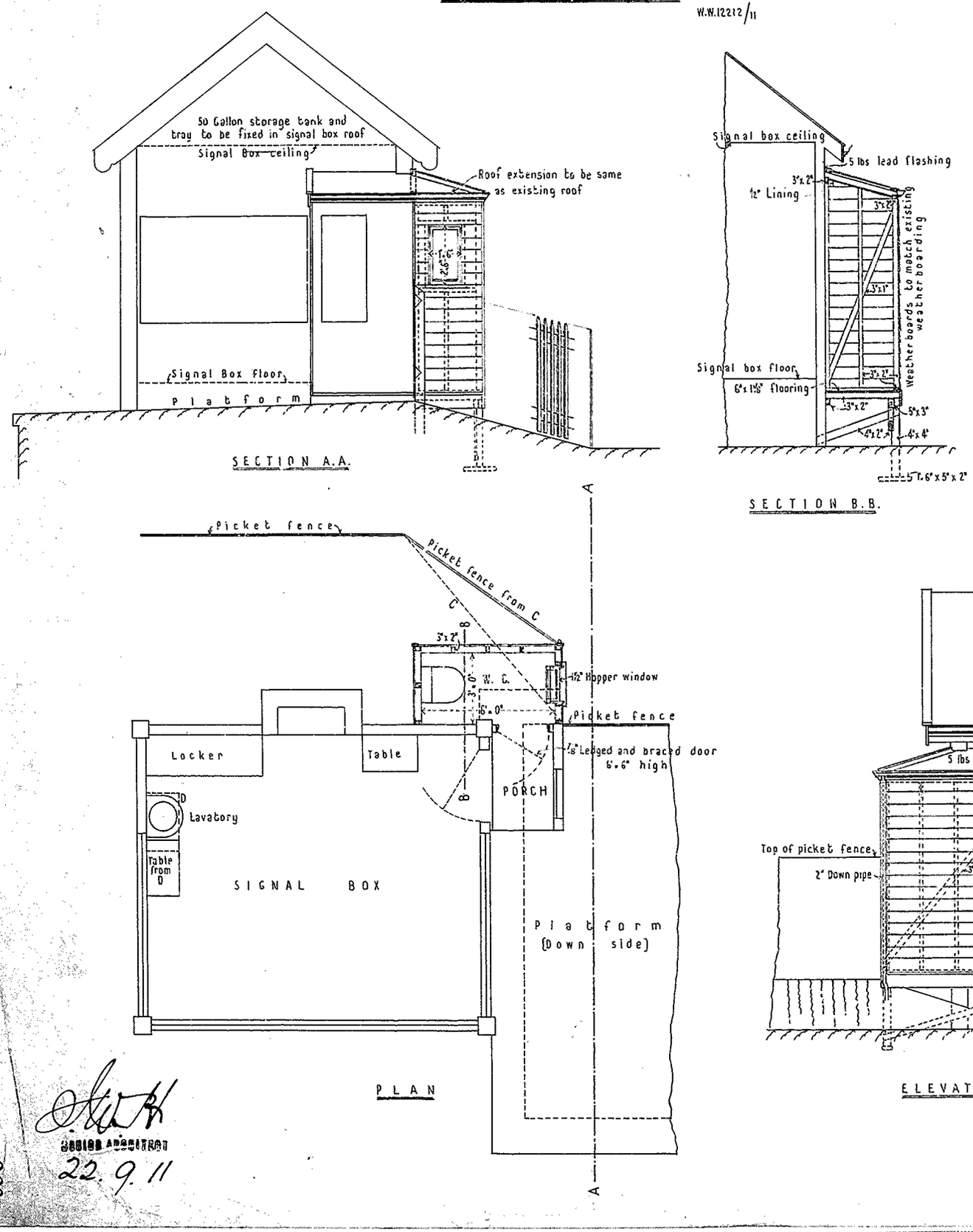
V. R.

MORELAND STATION

Details of closet for Signal Box

Scale 4 Feet to an Inch

W.W.12212/11



SENIOR ARCHITECT

22.9.11

229.

2088.11

S.229.

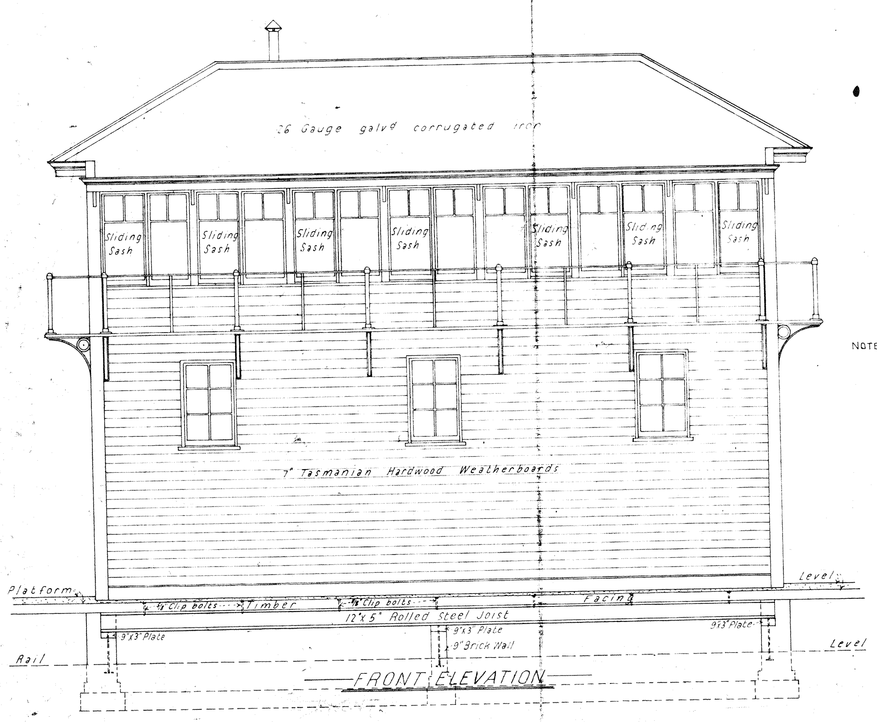
D.67.

22164

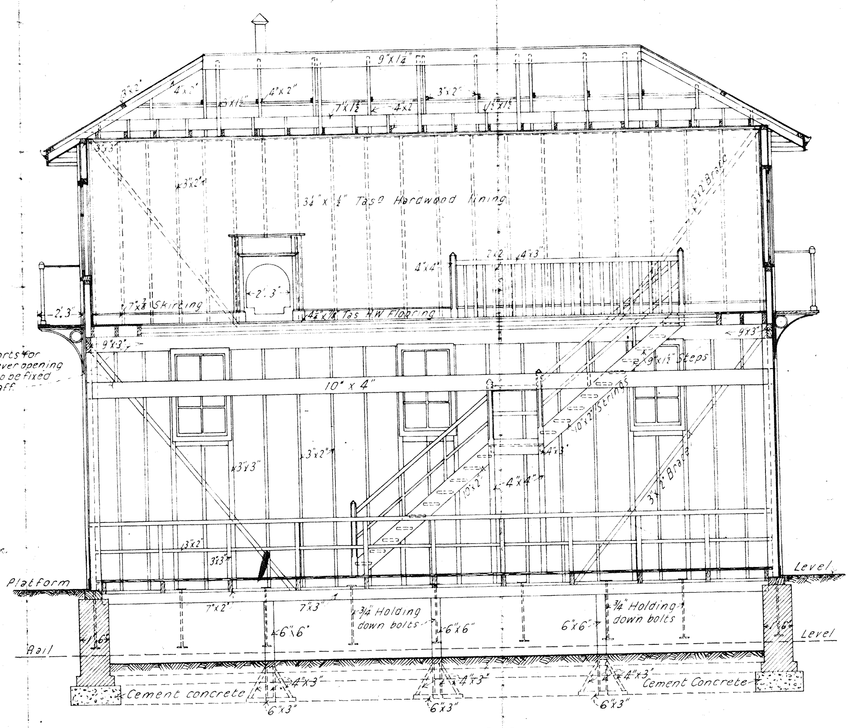
V. R.
MURTOA STATION
NEW SIGNAL BOX
Scale 4 feet to an inch

S.S. 20.3.11

12/3569
3684

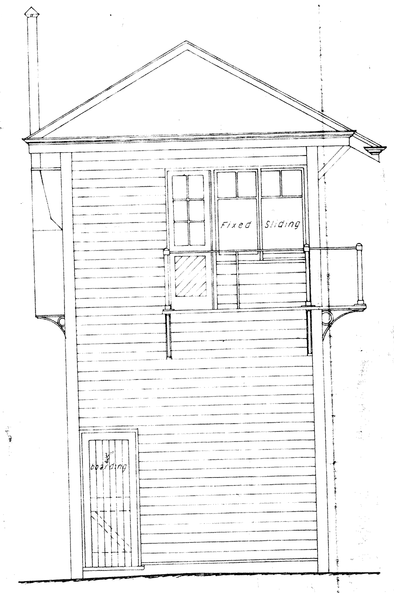


FRONT ELEVATION

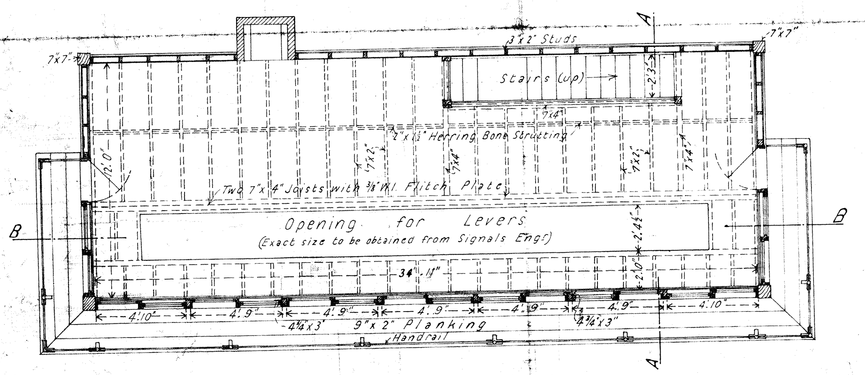


NOTE Intermediate Supports for trimming joists to lever opening & apparatus beams to be fixed by Interlocking Staff.

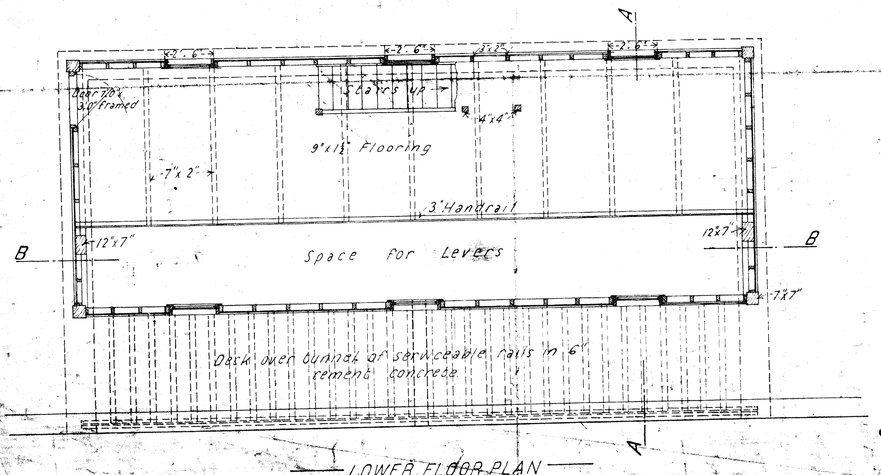
SECTION B-B.



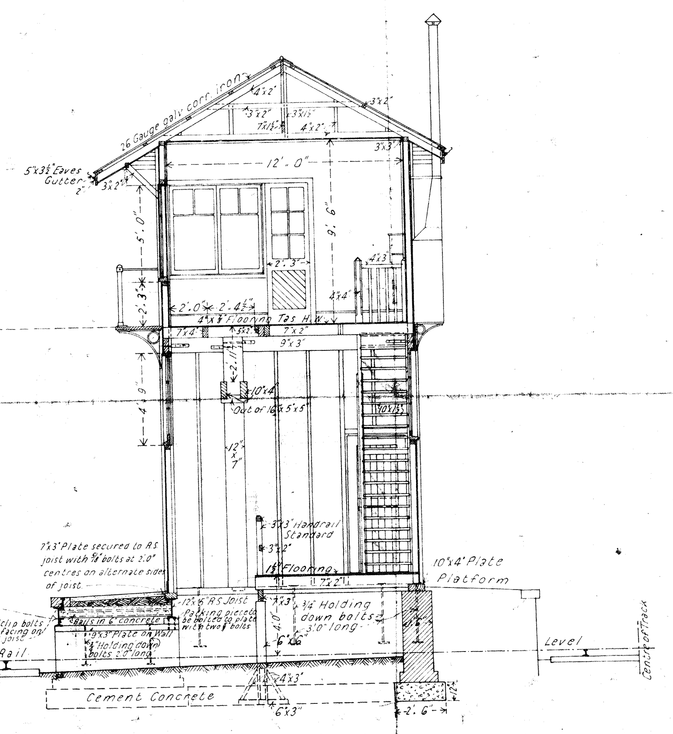
END ELEVATION



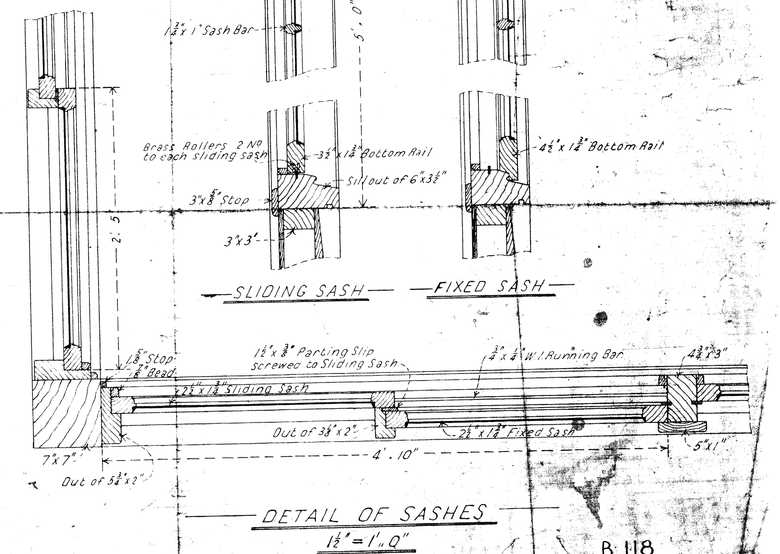
UPPER FLOOR PLAN



LOWER FLOOR PLAN



SECTION A-A.



DETAIL OF SASHES
1½" = 1'.0"

B 118
A 64

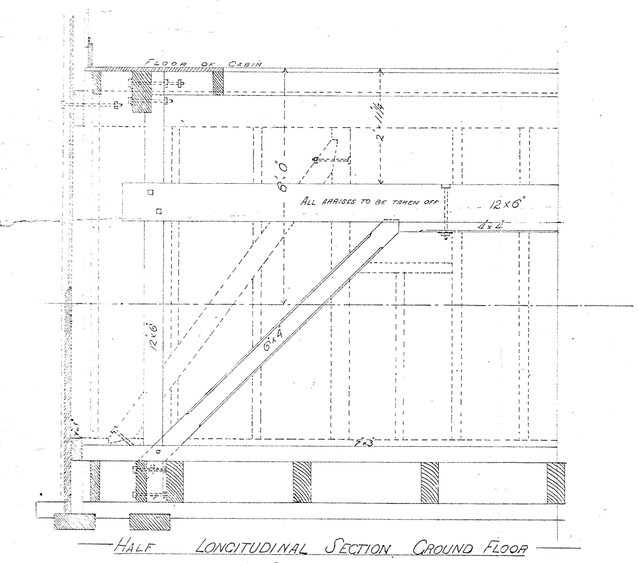
16.11.12

BALLARAT & DIMBOOLA LINE

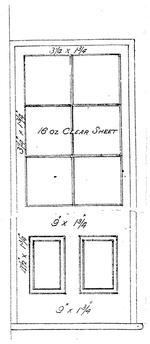
SIGNAL BOX AT MURTOA

DETAILS

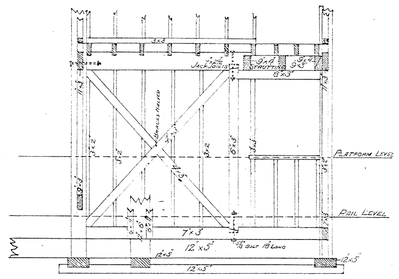
CONTRACT Nº 2757
Nº 2



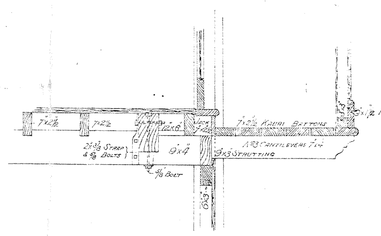
HALF LONGITUDINAL SECTION GROUND FLOOR
SCALE 2FT TO ONE INCH



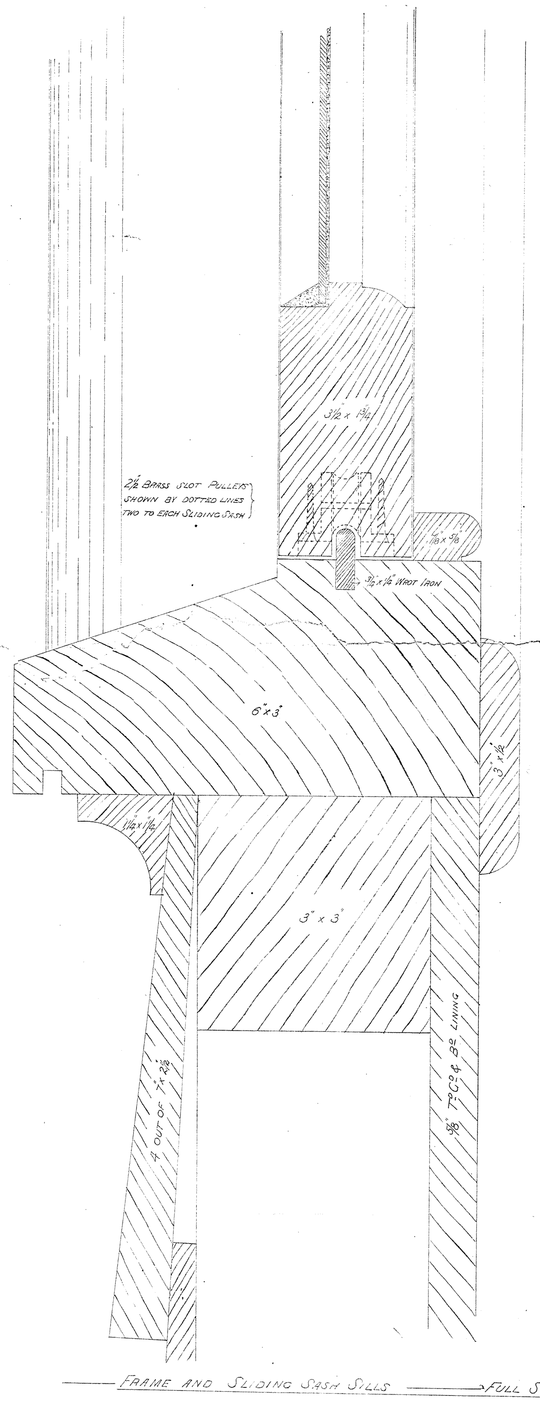
ENTRANCE DOOR TO FIRST FLOOR
SCALE 2FT TO ONE INCH



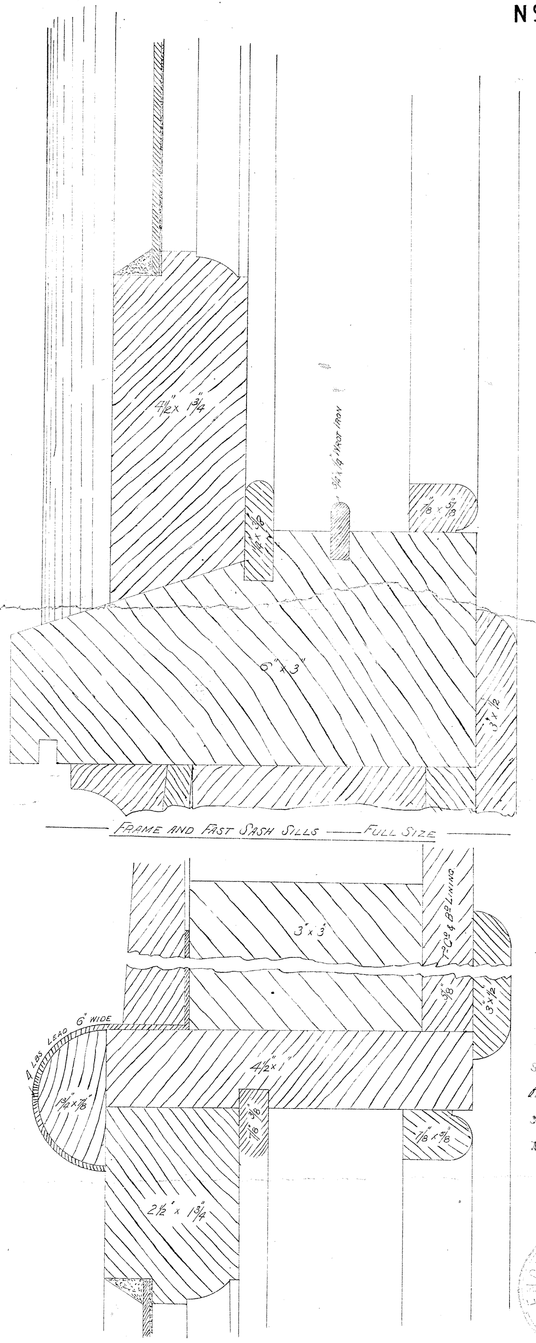
FRAMING TO END WALL GROUND FLOOR
SCALE 4FT TO 1 INCH



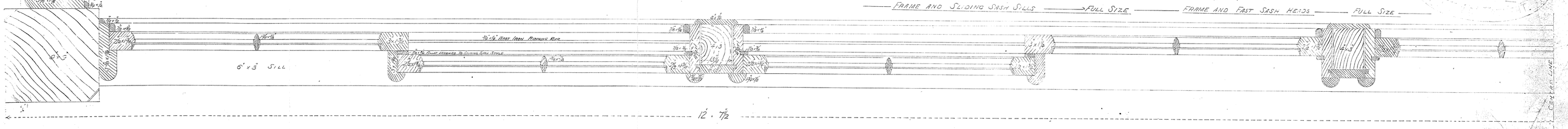
SECTION THROUGH LANDING &C
SCALE 2FT TO ONE INCH



FRAME AND SLIDING SASH SILLS —FULL SIZE



FRAME AND FAST SASH SILLS —FULL SIZE



HALF PLAN OF SASHES IN FRONT —SCALE ½ FULL SIZE

We accept this design of the ironwork required in the Specification and Conditions appertaining thereto.
Dated this 29th day of January 1887
Signature of Contractor: Wm Charles Williams
Witness to Signature: Wm Williams
14/2/87

ENGINEER FOR EASTERN LINES
CONTRACT 2757
EXHIBITED IN THE
20/4/87 to 30/1/87

RAILWAY DEPARTMENT, MELBOURNE, JANY 1887.
N°18

JUN 20 1918

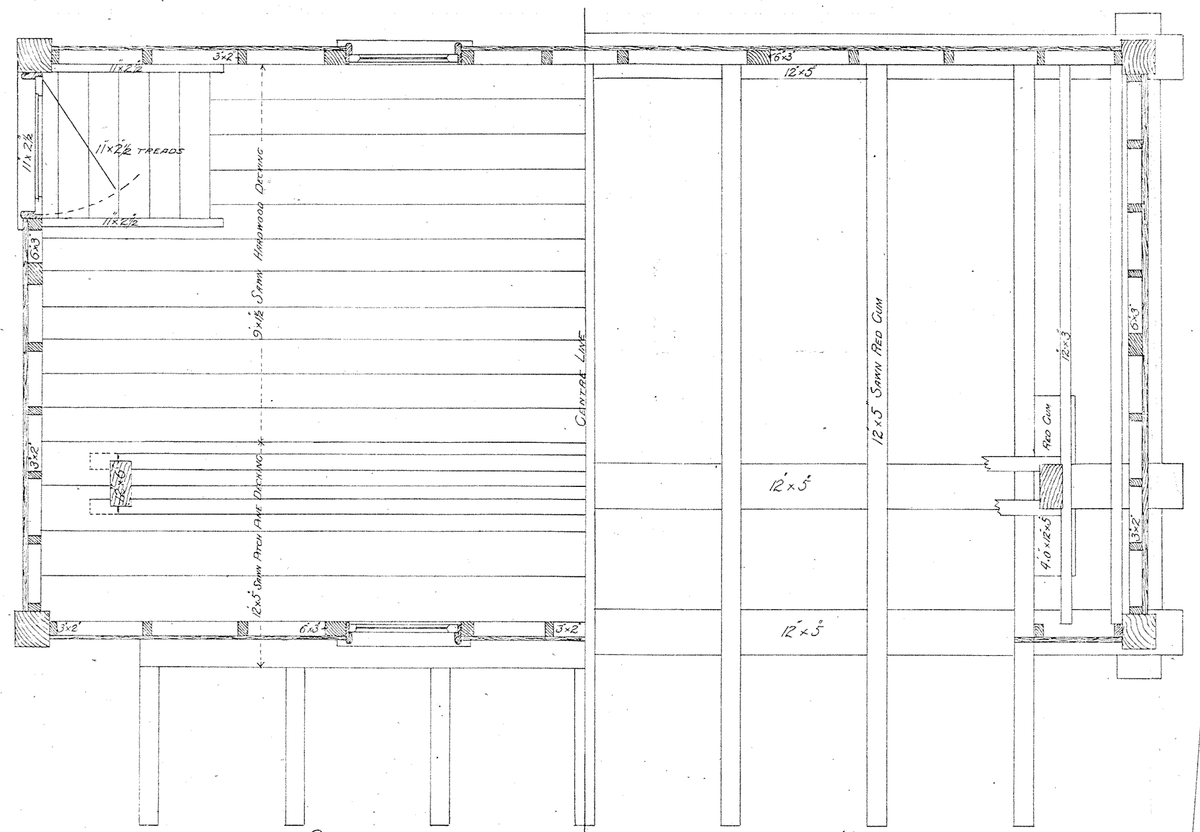
VICTORIAN RAILWAYS.

BALLARAT & DIMBOOLA LINE

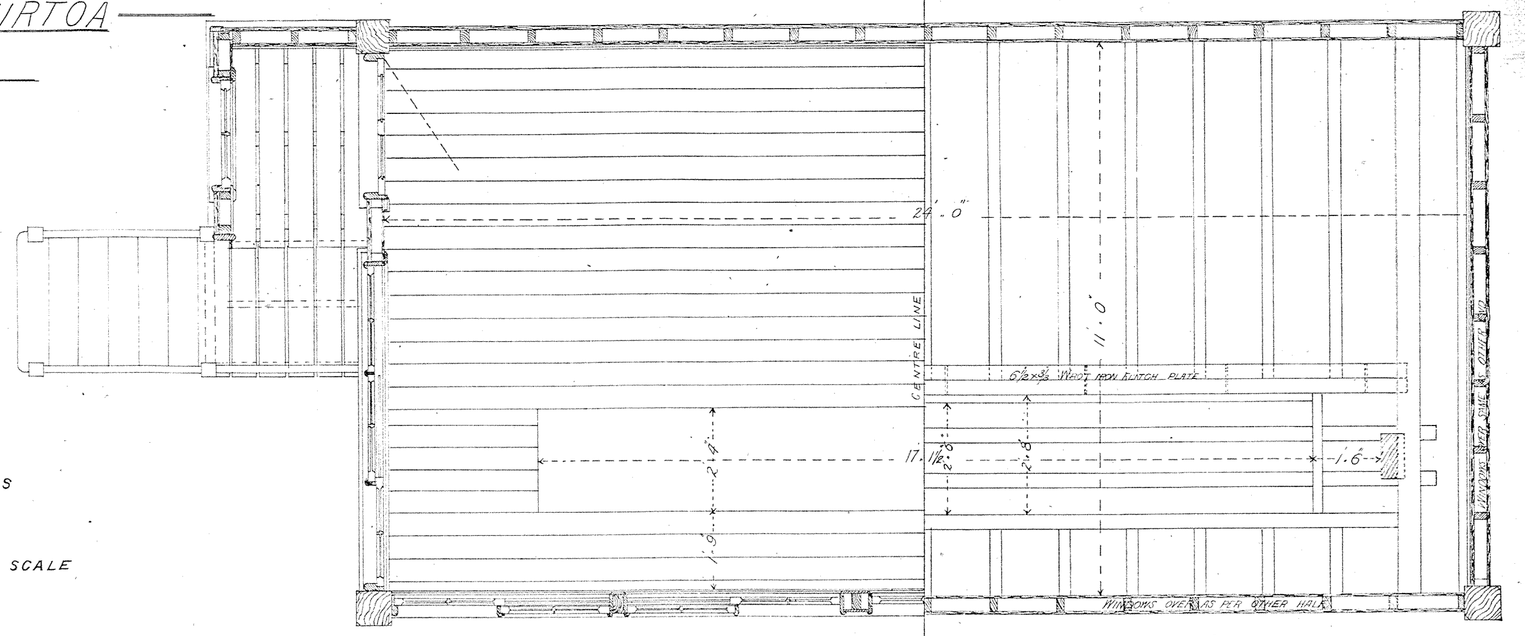
CONTRACT No. 2454
No. 1

SIGNAL BOX AT MURTOA

Scale 2 feet to an inch.

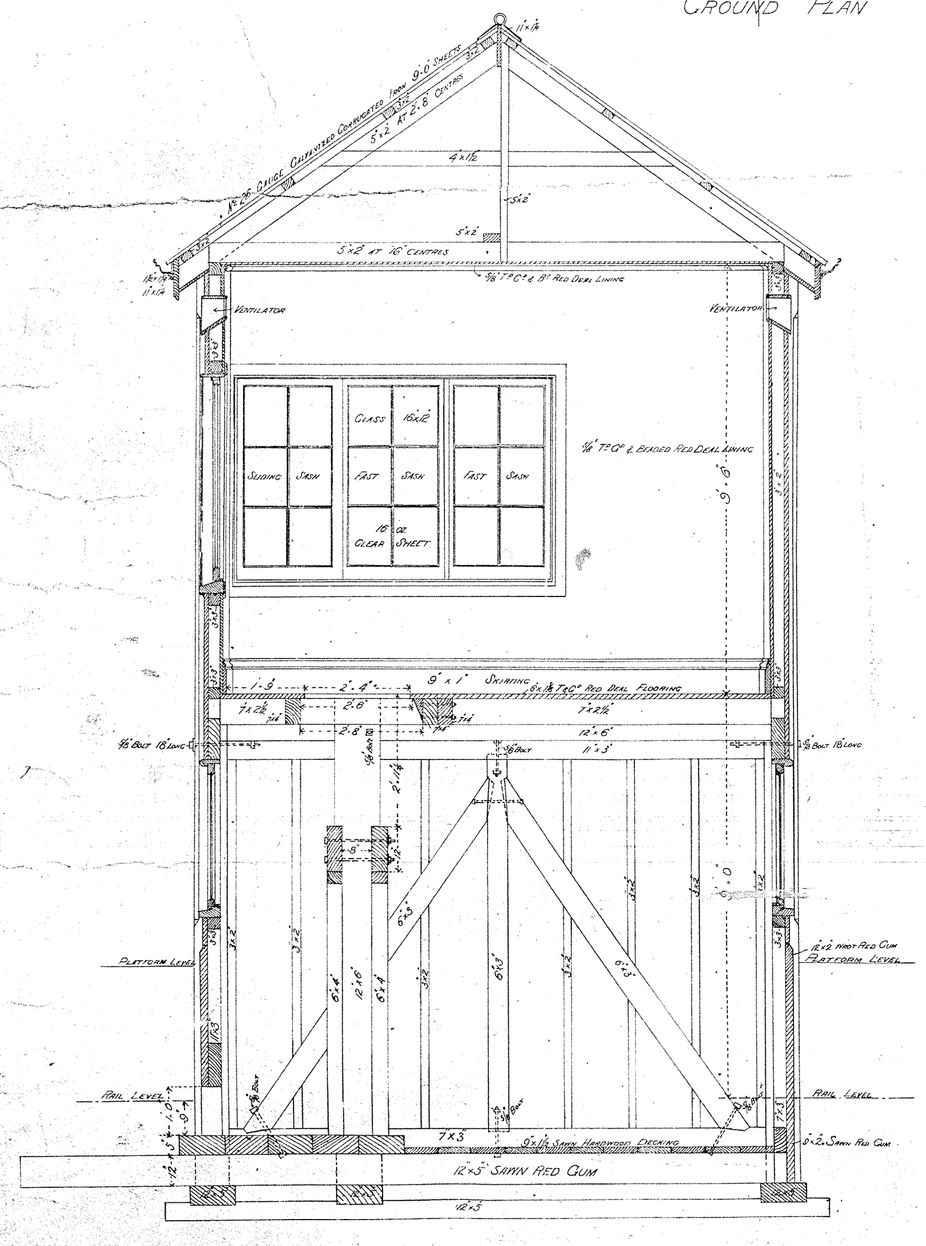


GROUND PLAN

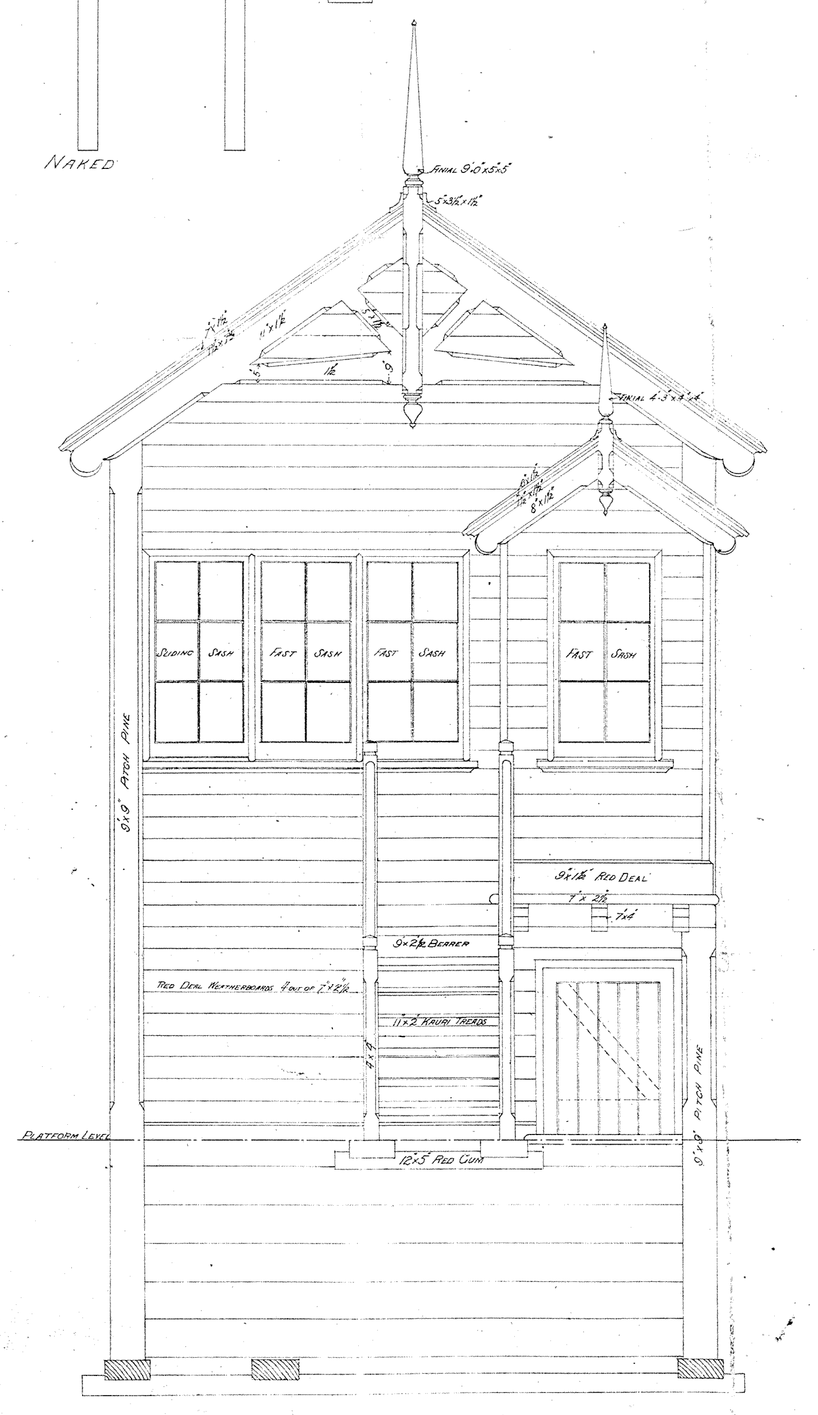


FIRST FLOOR PLAN

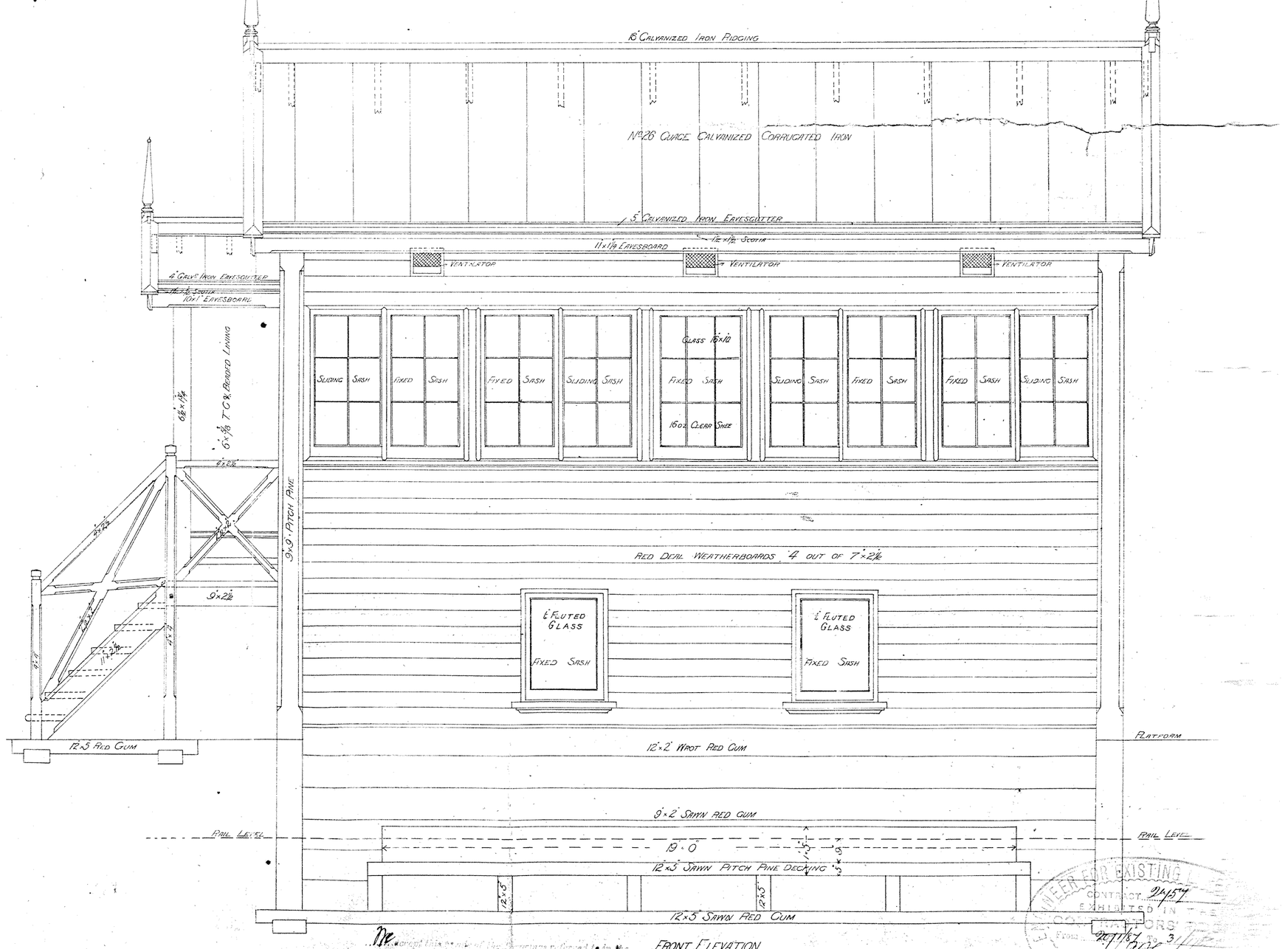
NOTE FIGURED DIMENSIONS IN ALL CASES TO BE TAKEN IN PREFERENCE TO SCALE



TRANSVERSE SECTION

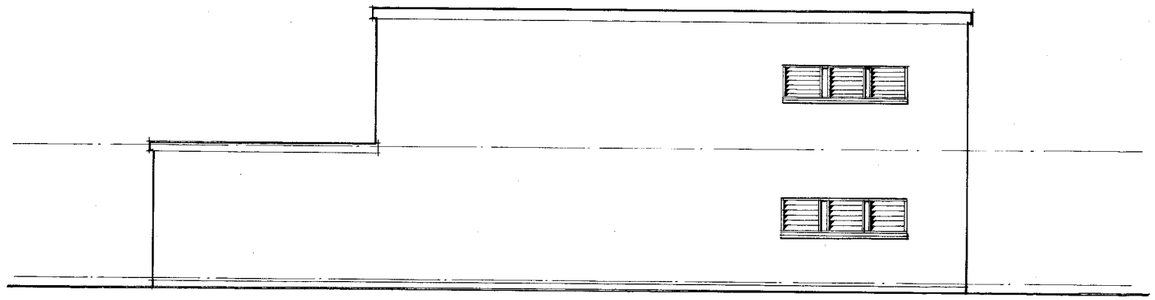


END ELEVATION

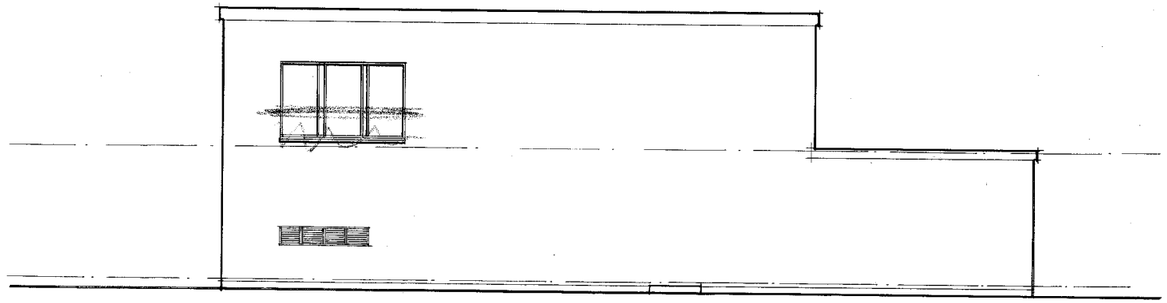


FRONT ELEVATION

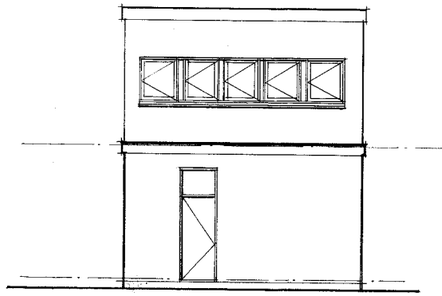
RAILWAY DEPARTMENT, MELBOURNE, JAN 1887.



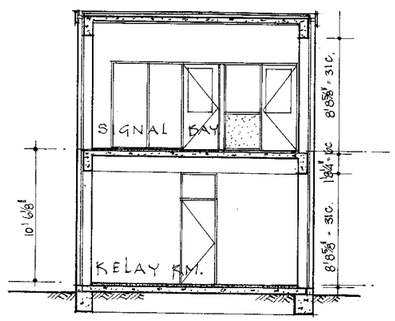
WEST ELEVn.



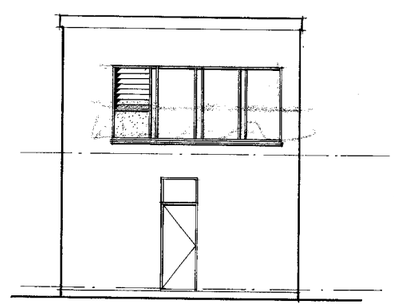
EAST ELEVn.



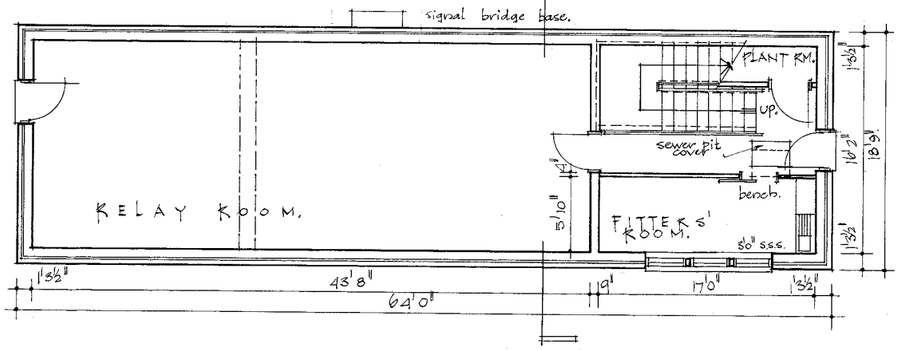
NORTH ELEVn.



SECTION.

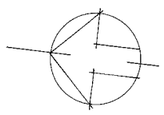


SOUTH ELEVn.



PLAN: SIGNAL BAY.

PLAN: KELAY ROOM.



Chief Traffic Manager.

S.&T. Engineer.

V.R.

NEWPORT.

Proposed Signal Box & Relay Room. Sketch Plans.

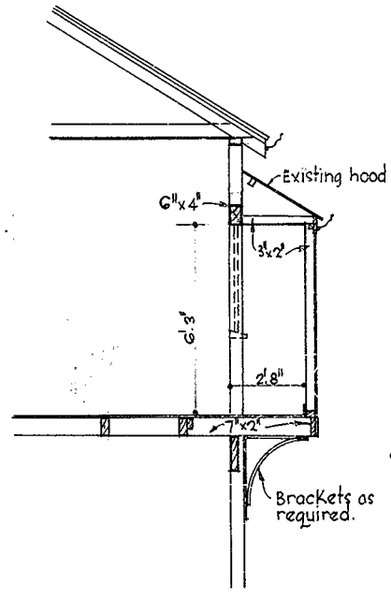
3.5.66

for A/Chief Civil Engineer.

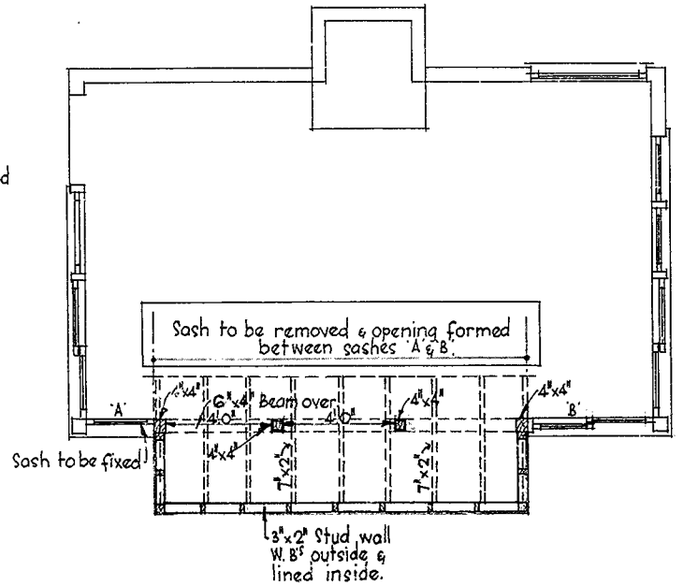
Scale: 1/8":1'0"

Revs.	Date.	Amendment.	Amnd by.	Drawn	Trace	Check	Corres.		B. 330.	PLAN No.
				B.F.R.				Sen. Architect.	C.65	282.66.

196



· SECTION ·



· PLAN ·

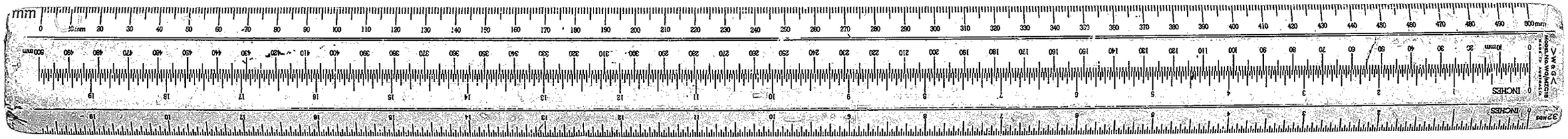
V.R

NEWPORT SOUTH BAY TO SIGNAL BOX

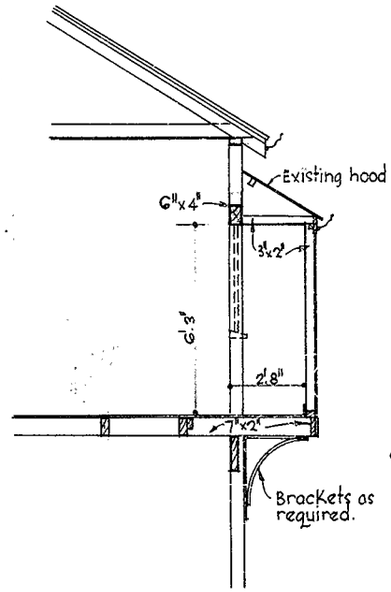
SCALE: 4'0" TO 1"

CHIEF CIVIL ENGINEER.

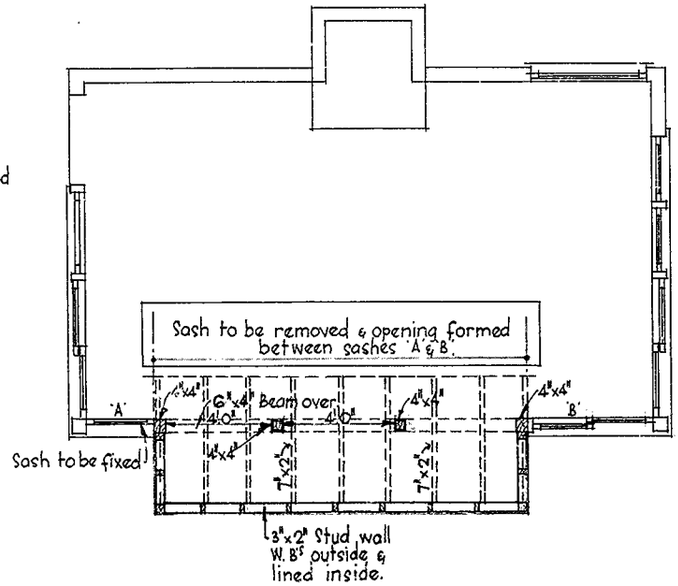
COMPLETED 3·5·46			H. Sutcliffe CHIEF ARCHITECT. 22-8-1945	B·196 E·65	PLAN N° 453·45
DRAWN BY	CHECK BY	CORRES N° G471/45			



196



· SECTION ·



· PLAN ·

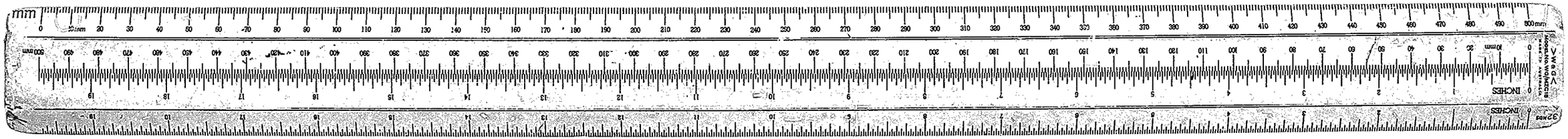
V.R

NEWPORT SOUTH BAY TO SIGNAL BOX

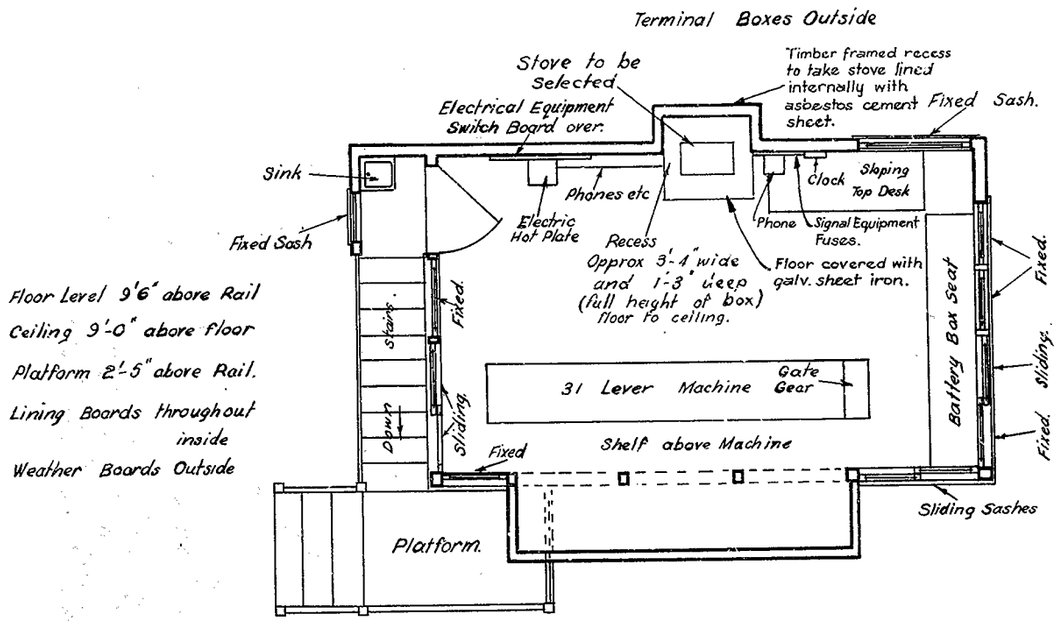
SCALE: 4'0" TO 1"

CHIEF CIVIL ENGINEER.

COMPLETED 3·5·46			H. Sutcliffe CHIEF ARCHITECT. 22-8-1945	B·196 E·65	PLAN N° 453·45
DRAWN BY	CHECK BY	CORRES N° G471/45			



207



V.R.
NEWPORT SOUTH SIGNAL BOX 'B'
INSTALLATION OF HEATING STOVE.
Scale ¼" to 1'

Chief Civil Engineer

Work Completed					
Drawn	Check	Corres	Chief Architect 18-12-1946	B.207. E.65.	Plan No 720-46.

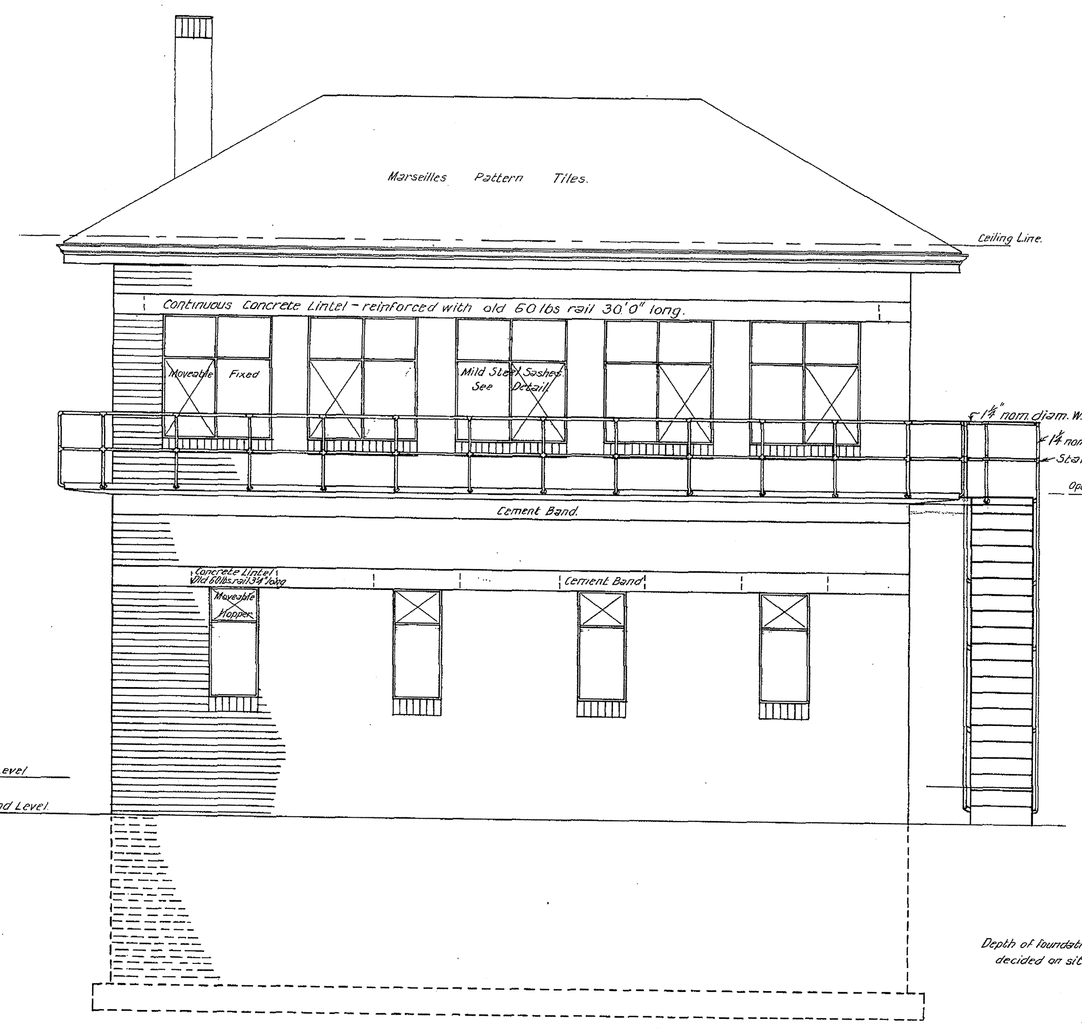
B.6.1.

V.R.
NORTH MELBOURNE.
NEW SIGNAL BOX.
Scale - ¼" to 1'0".

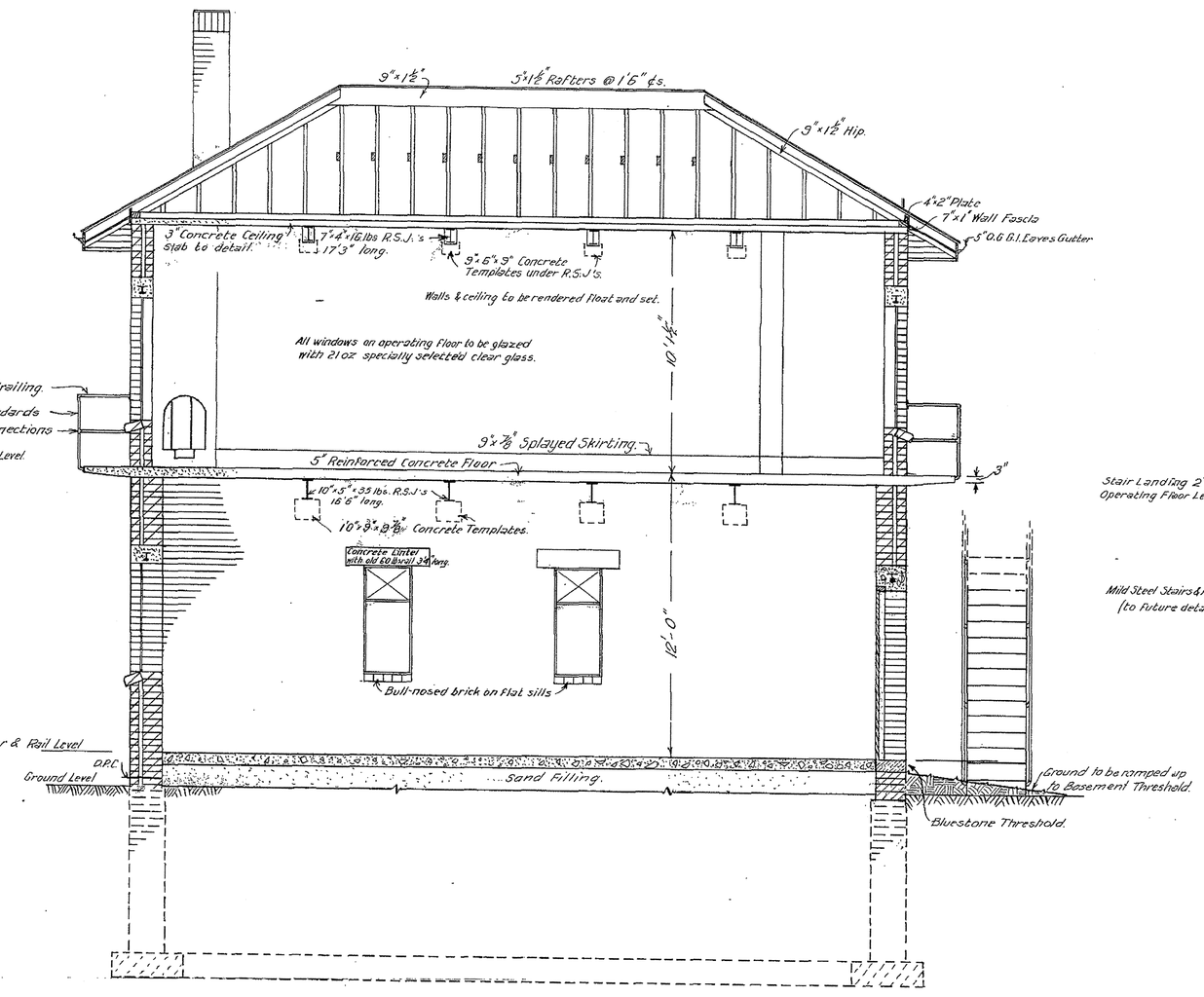
354/26

W.R.O. 25-3-26

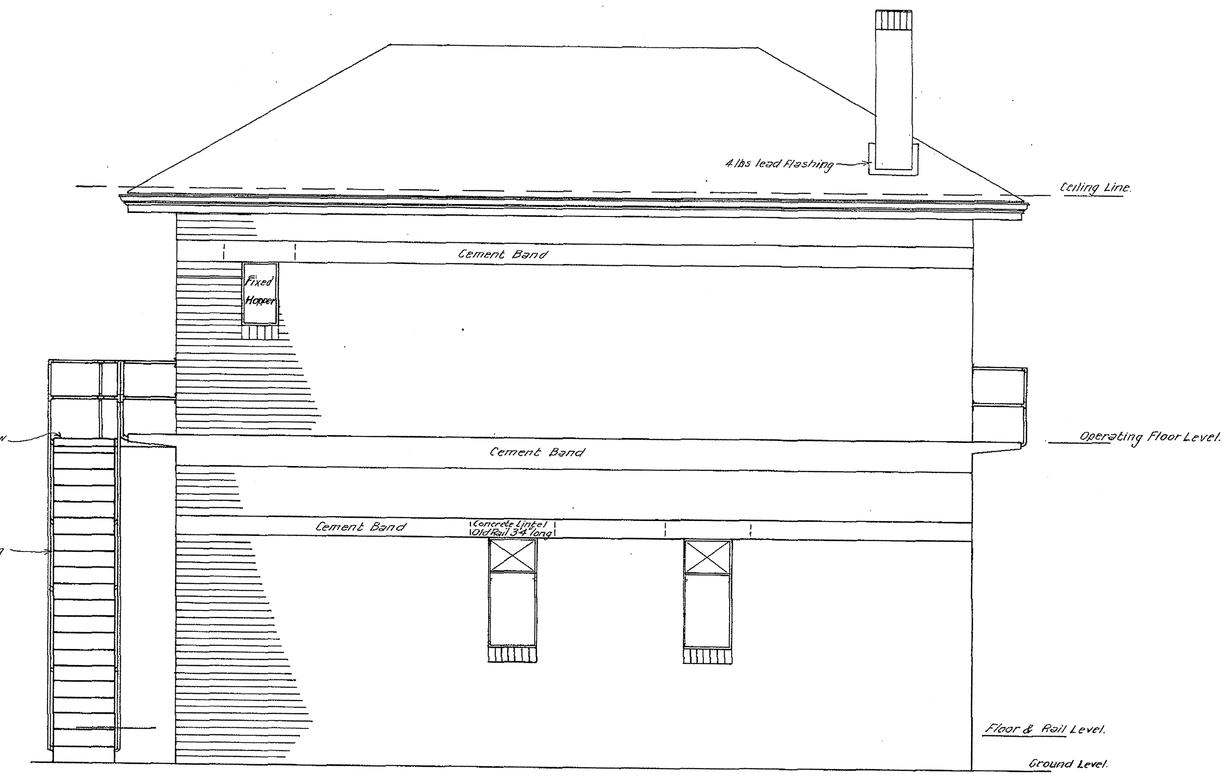
Chief Engineer of Way & Works.
19-4-26.



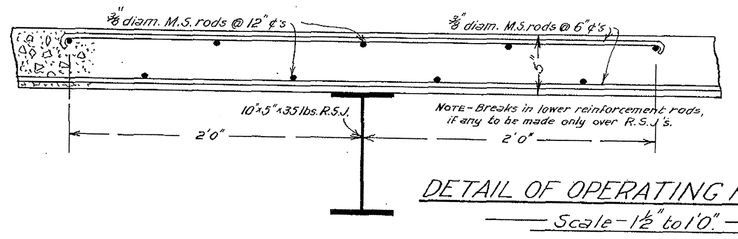
WEST ELEVATION.



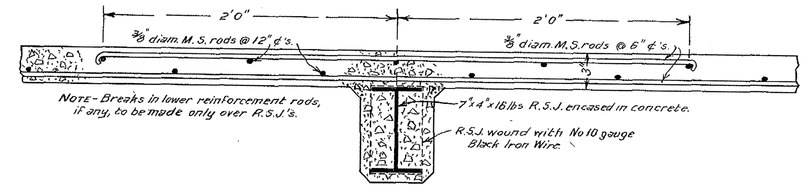
SECTION A-A.



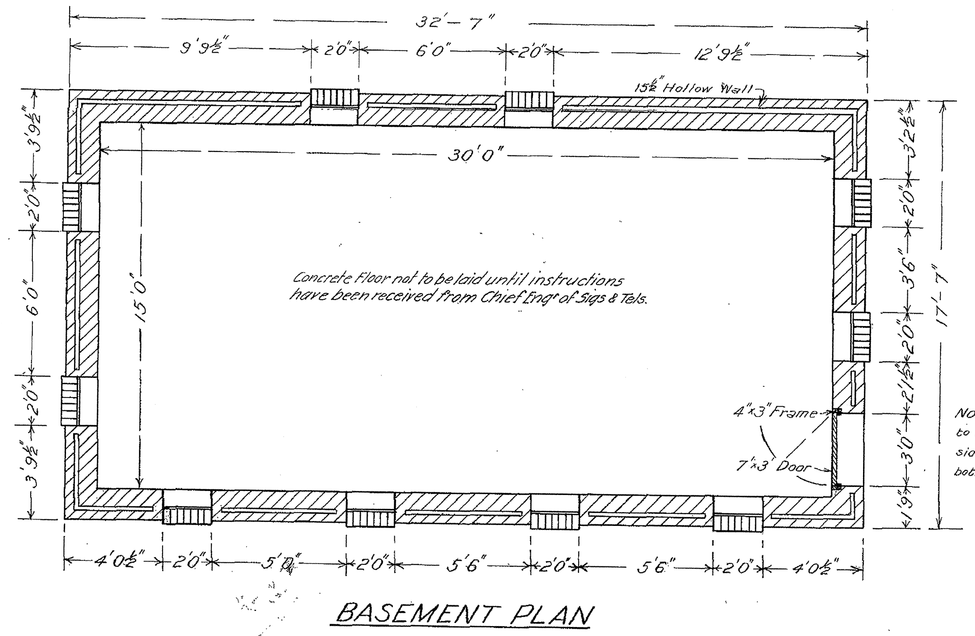
EAST ELEVATION.



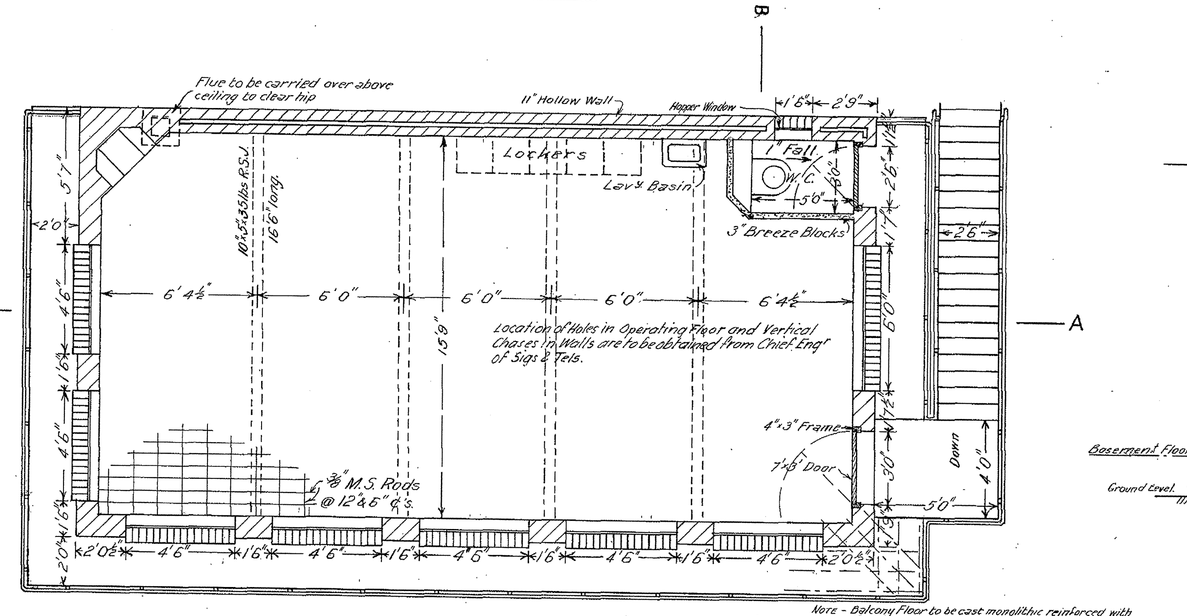
DETAIL OF OPERATING FLOOR
Scale - 1½" to 1'0"



DETAIL OF CEILING SLAB.
Scale - 1½" to 1'0"

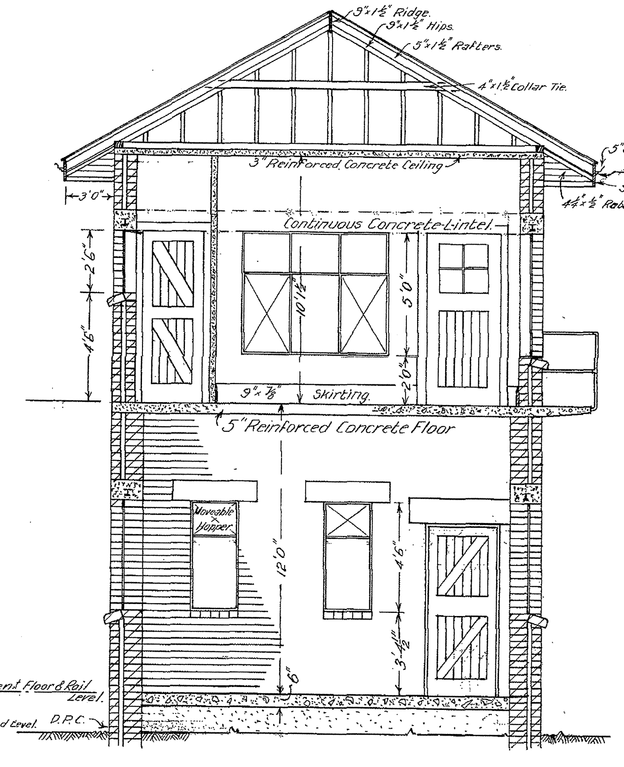


BASEMENT PLAN

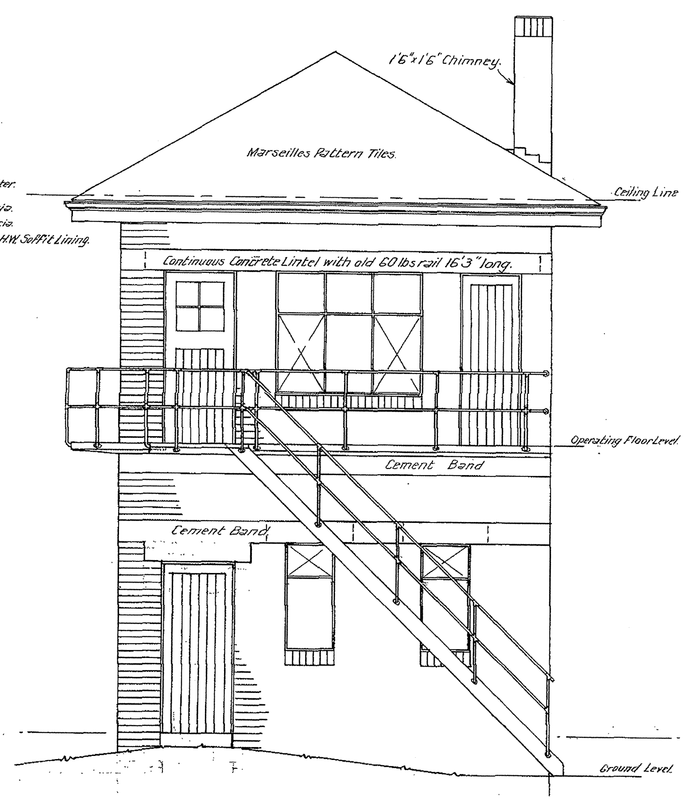


OPERATING FLOOR PLAN

Note - Balcony Floor to be cast monolithic reinforced with ⅝" diam M.S. rods Cross rods to be 4'0" long @ 9" cs set 2'0" into Concrete Floor. Three top at concrete. Longitudinals @ 6" cs. 1" from bottom of concrete. Diagonals at returns to be 4'0" long 1" from top of concrete



SECTION B-B.



SOUTH ELEVATION.

Approved
Chief Engineer of Sigs. & Tels.

Jas. Fraser
Chief Architect
19.6.26

B.73.
A.64.

1471-26

22723

B.T.

1 W.P.

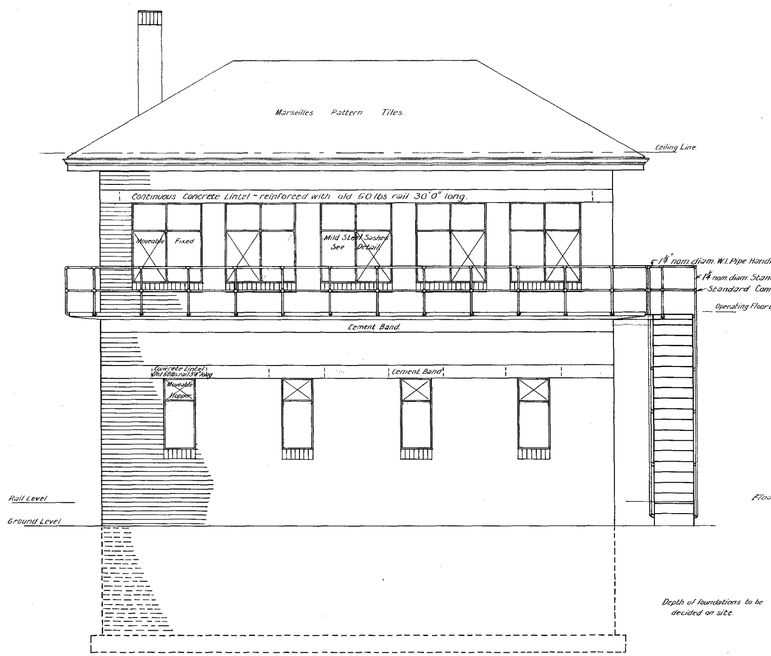
V.R.
NORTH MELBOURNE.
NEW SIGNAL BOX.

Scale - ¼" to 1'0".

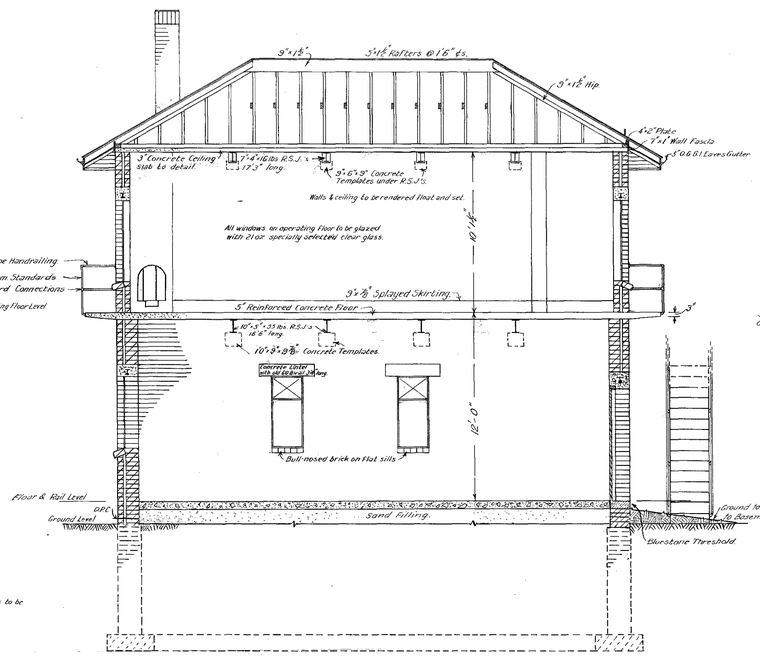
354/26

W.K.O. 25-3-26

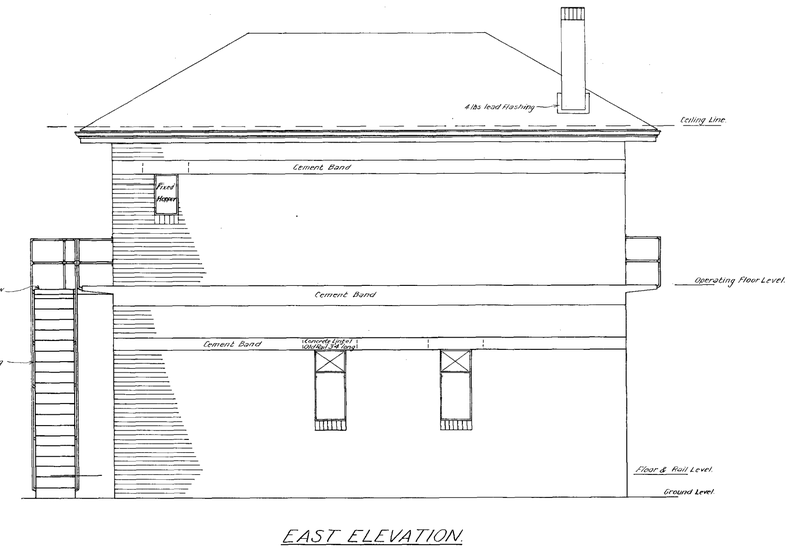
Chief Engineer of Way & Works.
14-4-26.



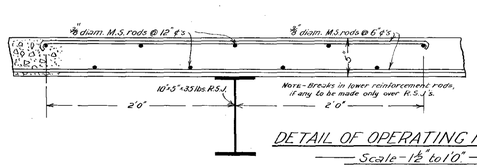
WEST ELEVATION.



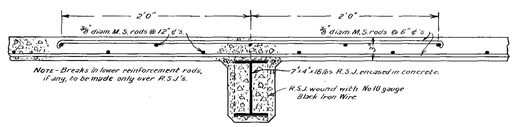
SECTION A-A.



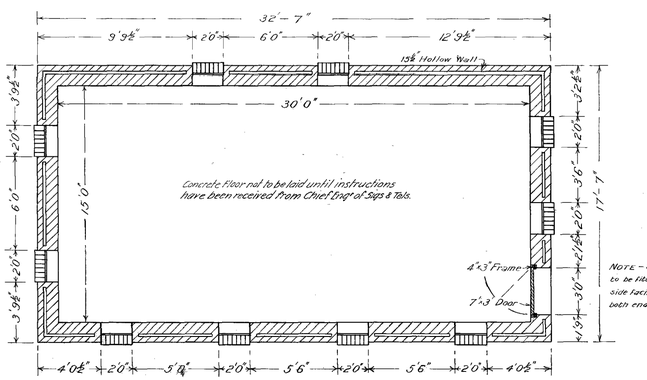
EAST ELEVATION.



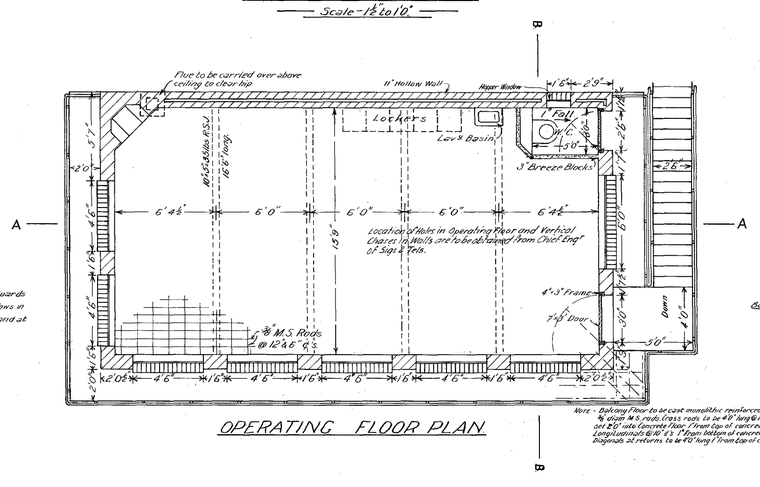
DETAIL OF OPERATING FLOOR
Scale - 1½" to 1'0"



DETAIL OF CEILING SLAB.
Scale - 1½" to 1'0"



BASEMENT PLAN

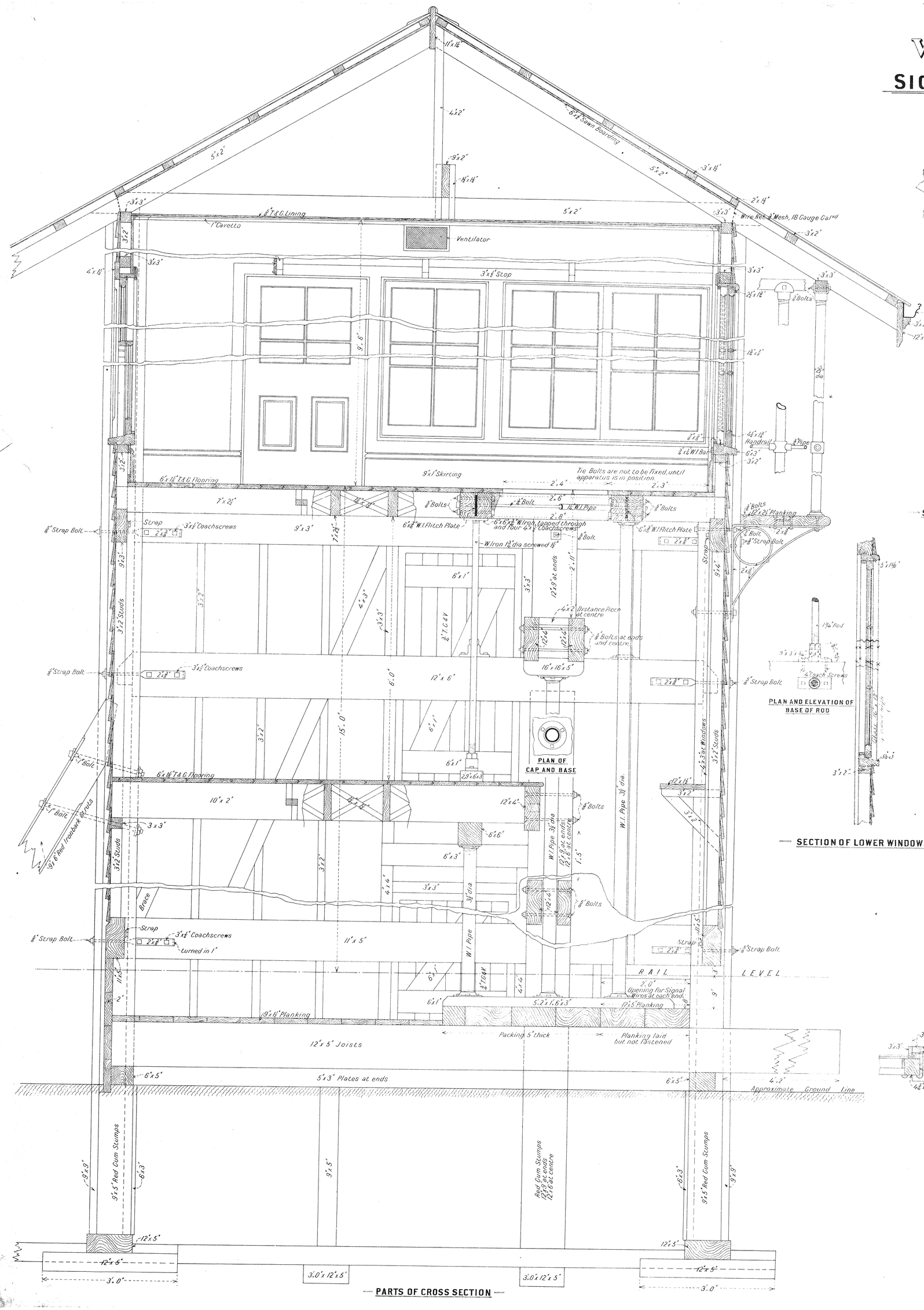

B
A
A
B
Flue to be carried over above ceiling to clear hip
11" Hollow Wall
Upper Window
1'6"
2'9"
Lockers
Fall
Lav⁸ Basin
3" Breeze Blocks
2'6"
2'6"
5'3"
2'0"
10"x5"x35 lbs R.S.J.
16'6" long
6'4½"
6'0"
6'0"
6'0"
6'4½"
13'0"
Location of Holes in Operating Floor and Vertical Chases in Walls are to be obtained from Chief Engr of Sigs & Tels.
4'6"
4'6"
4'6"

VICTORIAN RAILWAYS

SIGNAL BOX AT NORTH MELBOURNE

Scale 1 Foot to an Inch

No 2

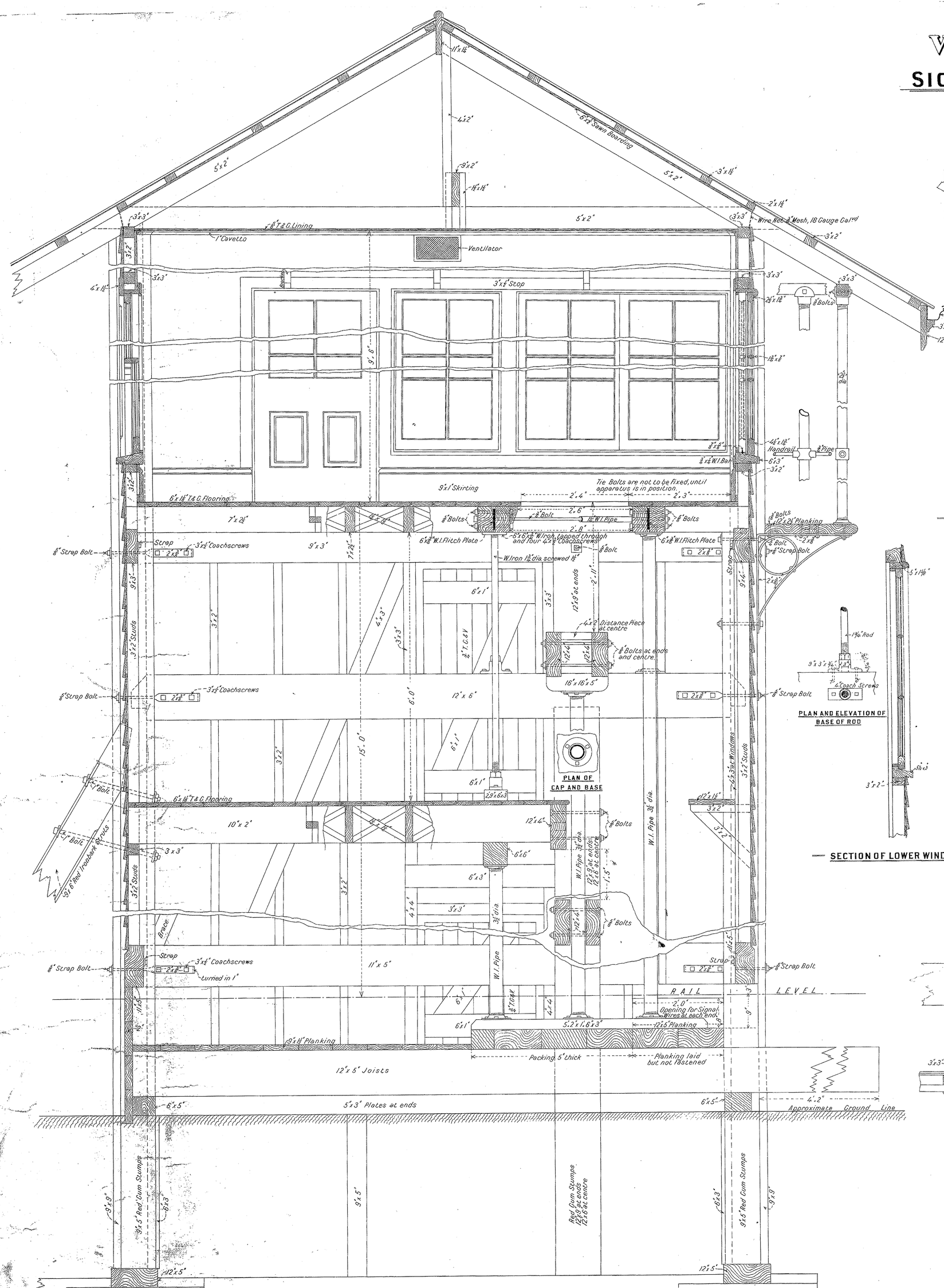

Carotto
Ventilator
Strap
Wire Netting 1/2 Mesh, 18 Gauge Galvd
Handrail
Plug
Rail
Flooring
Strapping
Tie Bolts are not to be fixed until apparatus is in position.
Coachscrews
Strap Bolt
Bolts
Wrought Iron Hatch Plate
Wrought Iron Hatch Plate
Wrought Iron Strap screwed
Distance Piece
Bolts at ends and centre
Coachscrews
Coachscrews
Coachscrews

VICTORIAN RAILWAYS

SIGNAL BOX AT NORTH MELBOURNE

Scale 1 Foot to an inch

No 2

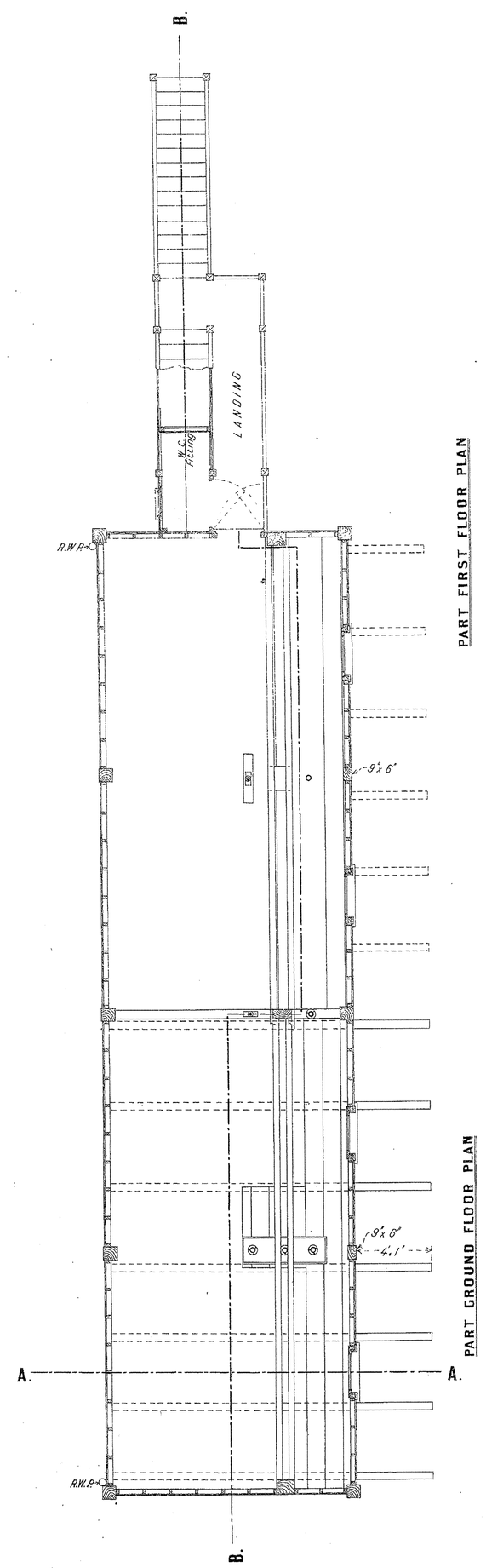

Ventilator
3"x4" Stop
Tie Bolts are not to be fixed, until apparatus is in position.
Strap
3"x4" Coachscrews
Plan of Cap and Base
Packing 5" thick
Planking laid but not fastened
12"x5" Joists
Approximate Ground Line
Rail Level
Opening for Signal Wires 6 inches each way.
Red Gum Stumps
Distance Piece at centre
Bolts at ends and centre
Wire Rope 3" dia.
Wire Rope 3" dia. enlarg. to 3½" at Pulleys
Wire Rope 3" dia. enlarg. to 3½" at Pulleys
Brace
Wrought Iron Bracket
Wrought Iron Bracket
Wrought Iron Bracket

VICTORIAN RAILWAYS

SIGNAL BOX AT NORTH MELBOURNE

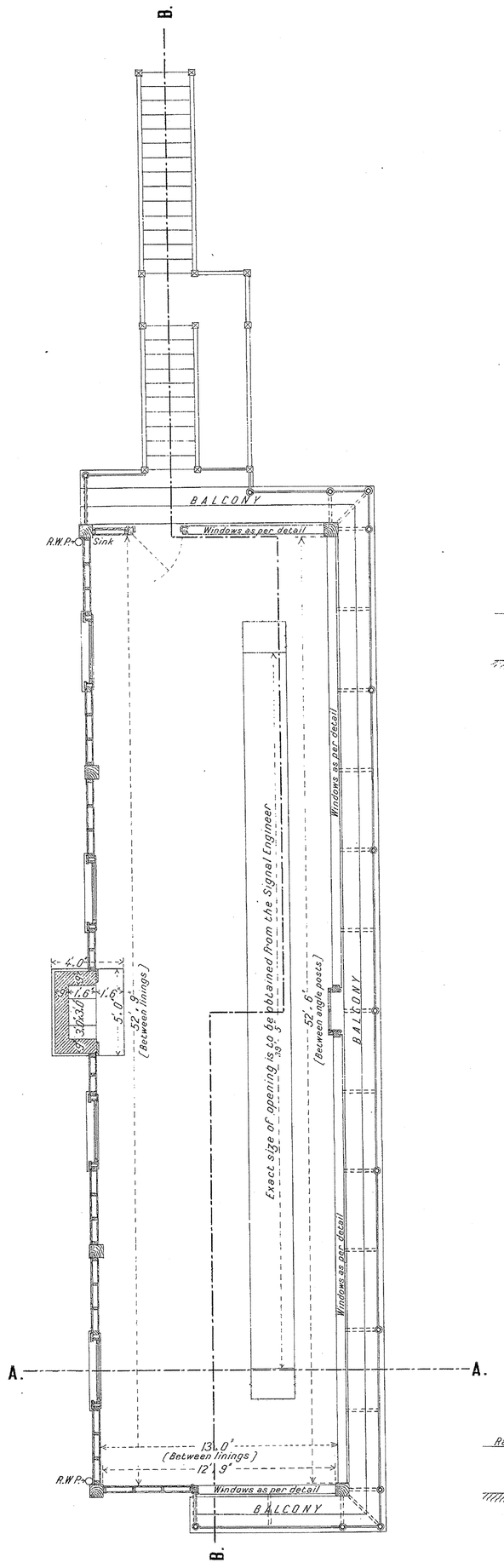
Scale 4 Feet to an inch

Nº 1

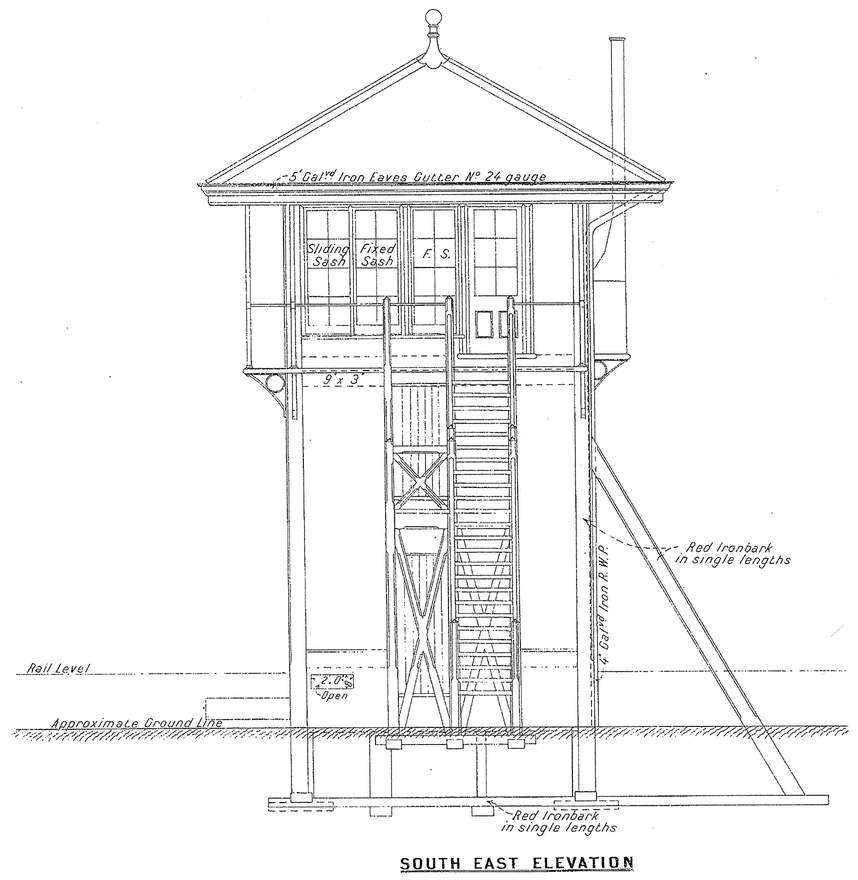


PART FIRST FLOOR PLAN

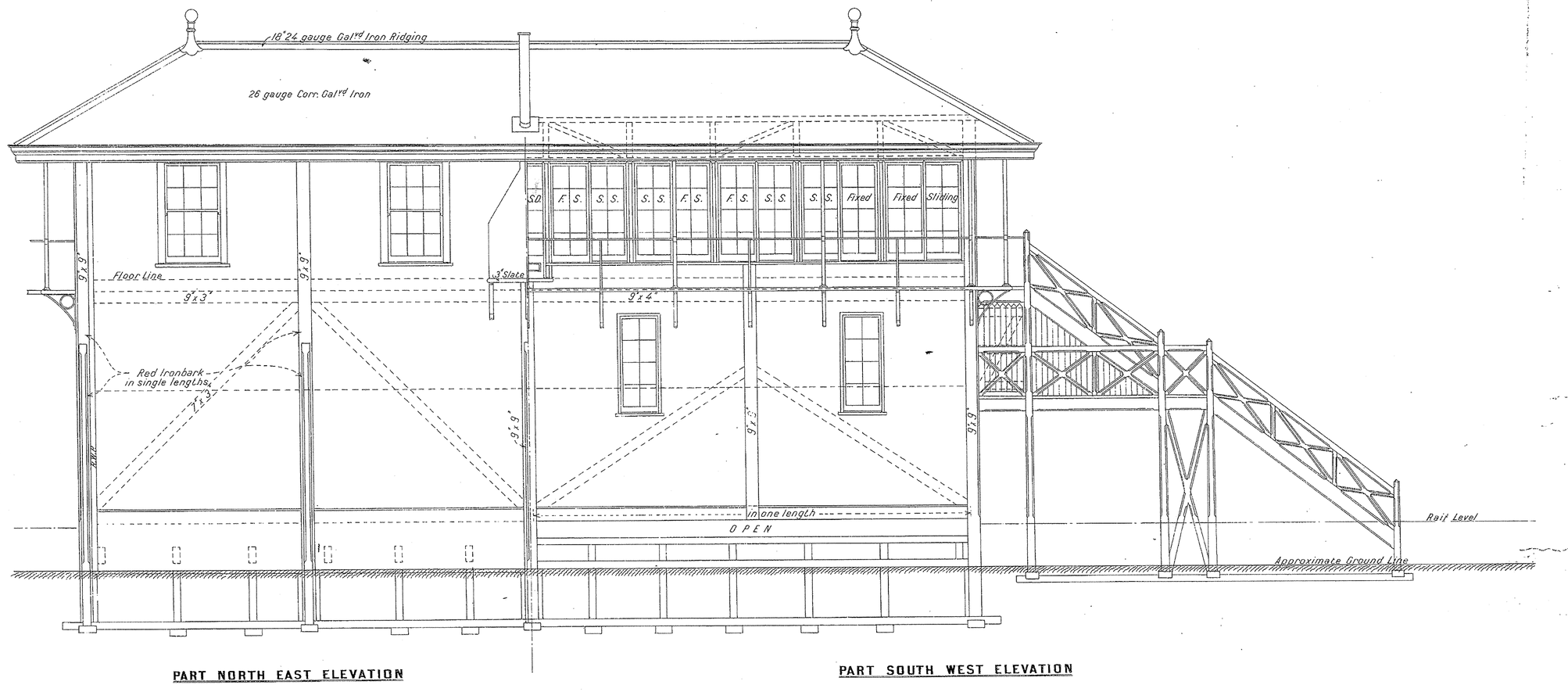
PART GROUND FLOOR PLAN



SECOND FLOOR PLAN

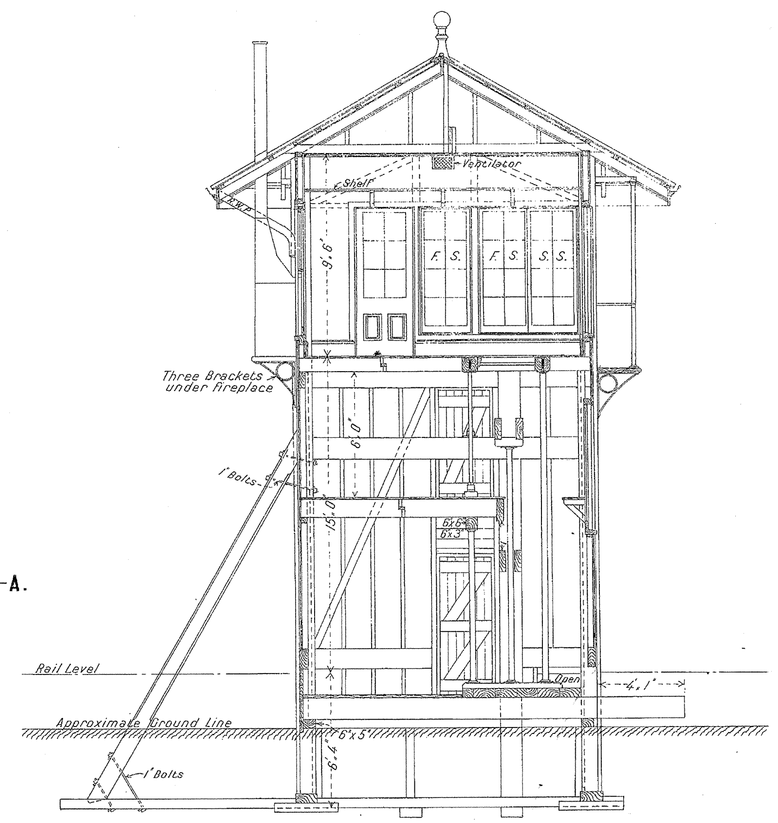


SOUTH EAST ELEVATION

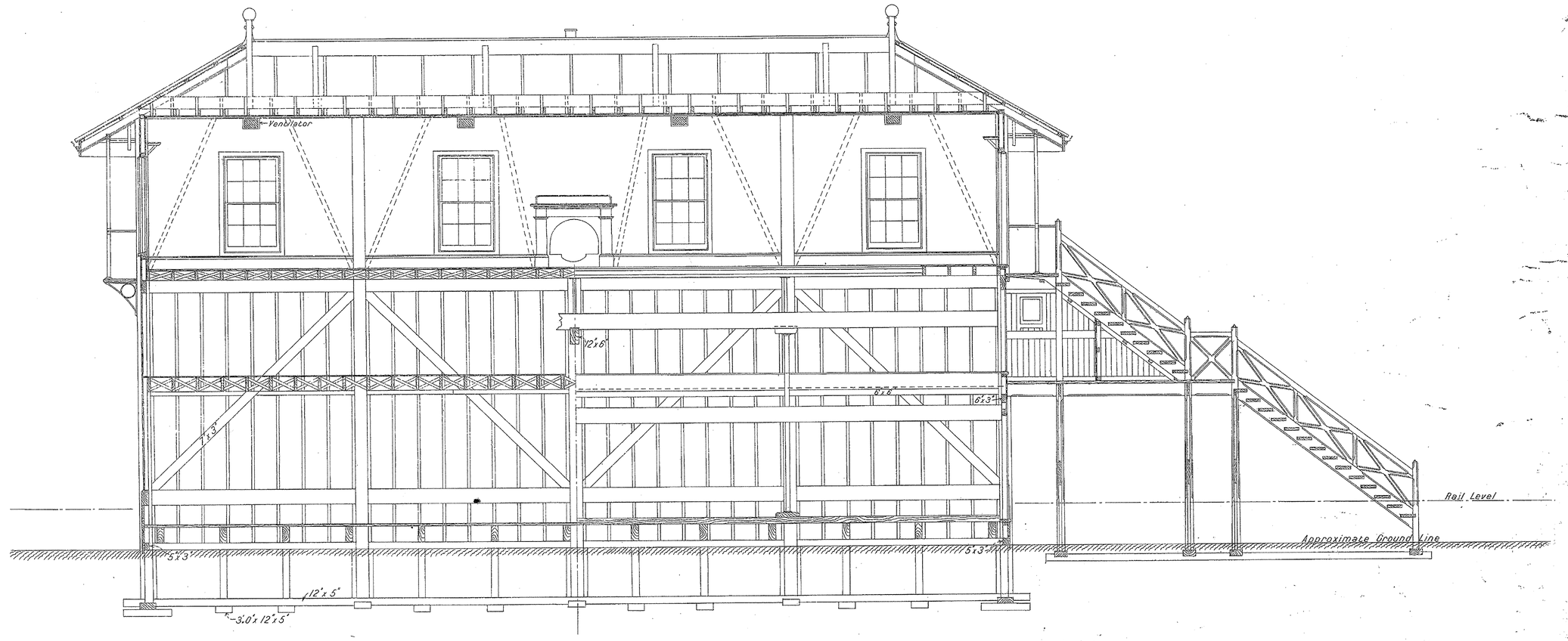


PART NORTH EAST ELEVATION

PART SOUTH WEST ELEVATION



SECTION A. A.



SECTION B. B.

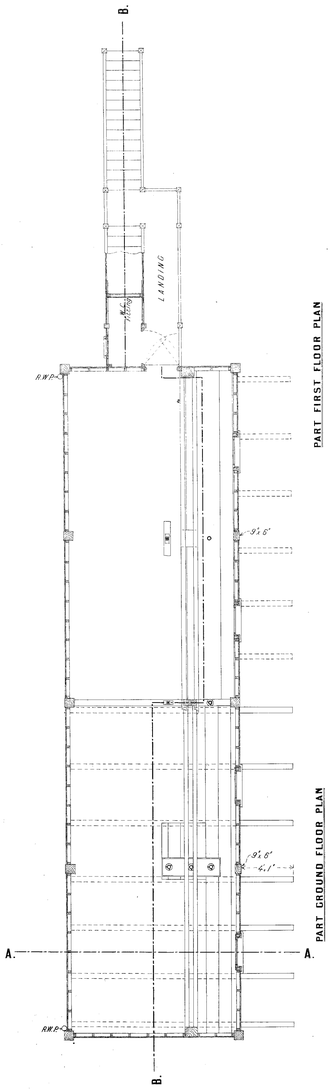
RAILWAY DEPARTMENT MELBOURNE JAN 1903

VICTORIAN RAILWAYS

SIGNAL BOX AT NORTH MELBOURNE

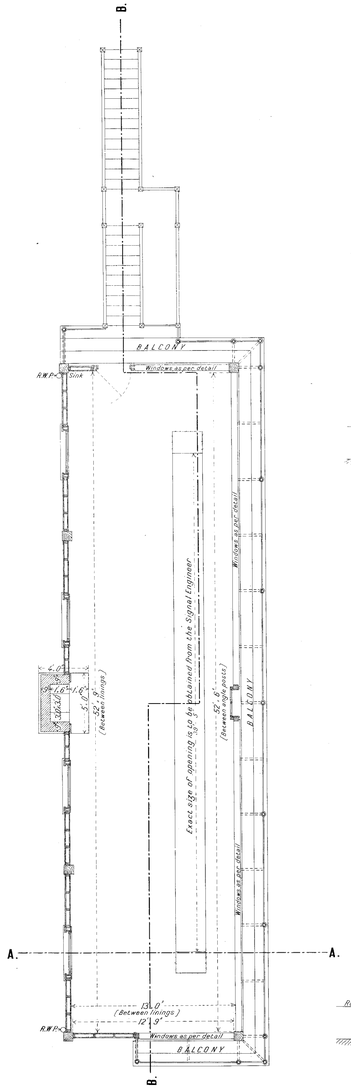
Scale 4 Feet to an inch

Nº 1

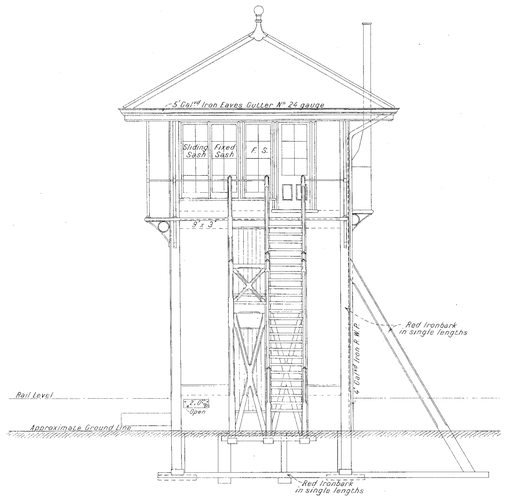


PART FIRST FLOOR PLAN

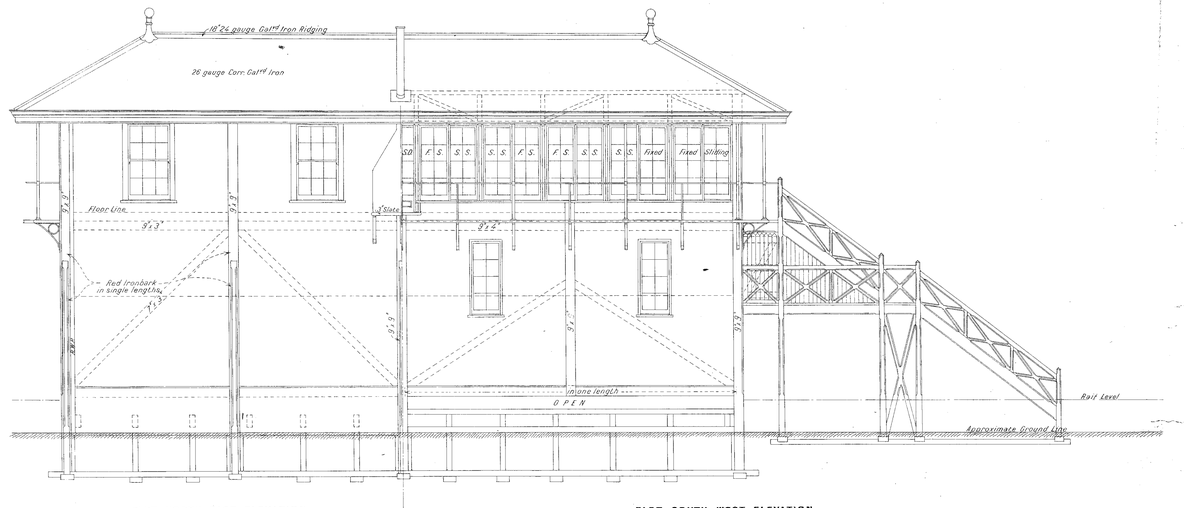
PART GROUND FLOOR PLAN



SECOND FLOOR PLAN



SOUTH EAST ELEVATION

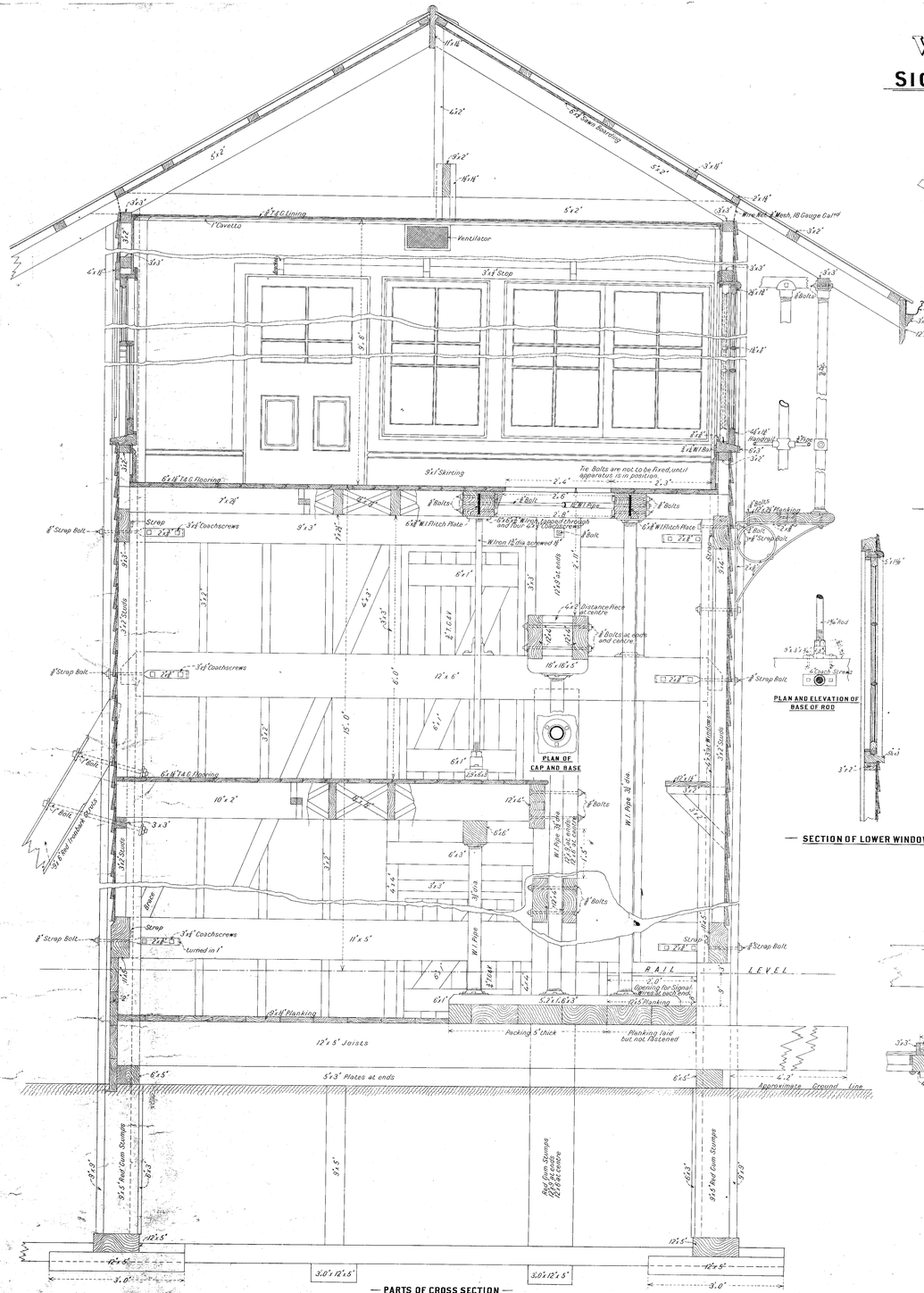

16'24 gauge Cal^d Iron Ridging
26 gauge Corr. Cal^d Iron
S.D.
F.S.
S.S.
S.S.
F.S.
F.S.
S.S.
S.S.
S.S.
Fixed
Fixed
Sliding
Floor Line
9'3"
9'3"
9'3"
9'3"
9'3"
9'3"
9'3"
9'3"
5" Slate
Red Ironbark in single lengths
Rail Level
Approximate Ground Line
9'0" Open
9'0" Open
9'0" Open

VICTORIAN RAILWAYS

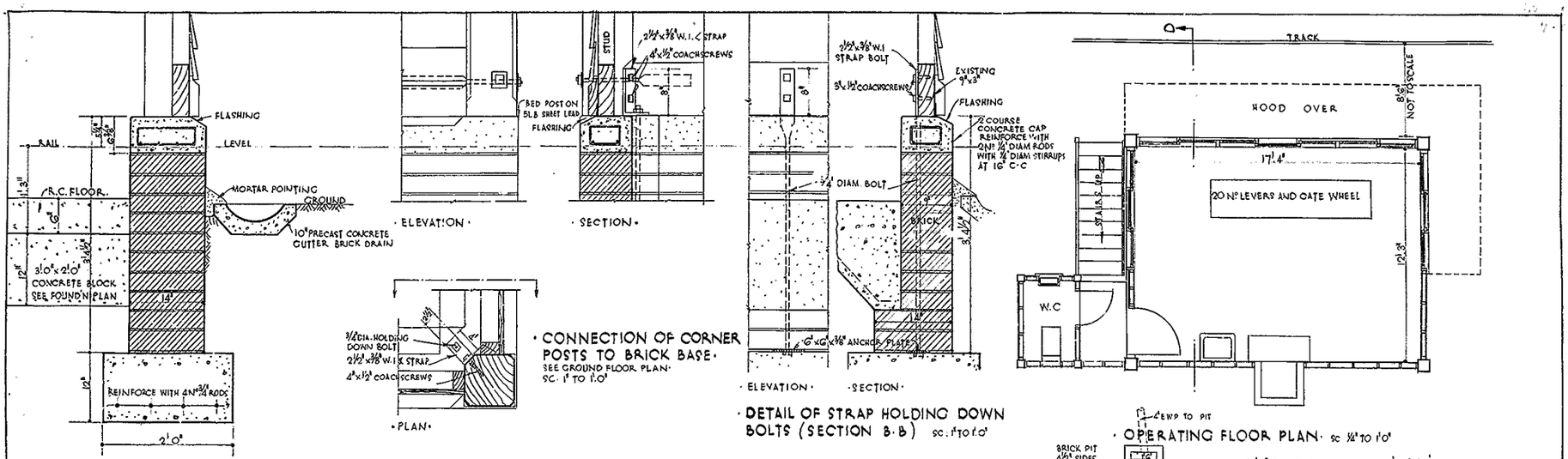
SIGNAL BOX AT NORTH MELBOURNE

Scale 1 Foot to an inch

No 2

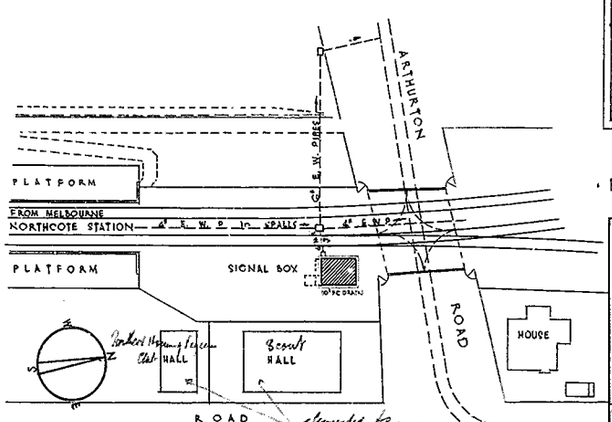


RAILWAY DEPARTMENT MELBOURNE FEB 1903



NOTES:

EXISTING TIMBER FOOTINGS OF BOX TO BE REMOVED.
RENEW FOOTINGS IN BRICK & CONCRETE AS INDICATED.
CONCRETE FOOTINGS COMPOSED OF ONE PART CEMENT, TWO PARTS SAND, FOUR PARTS GRADED (1½" TO ½") BLUESTONE.
FOOTINGS REINFORCED WITH ⅜" M.S RODS SPACED AS INDICATED.
CONCRETE CAP, LINTEL & TEMPLATE COMPOSED OF ONE PART CEMENT, 1½ PARTS SAND, THREE PARTS GRADED (½" TO ¼") BLUESTONE TOPPINGS.. ALL TO BE REINFORCED WITH ½" DIAM M.S RODS AS SHOWN.
CONCRETE CHANNEL SHALL BE 10" PRECAST CUTTER BRICKS..
BRICKWORK MORTAR COMPOSED OF ONE PART CEMENT, TWO PARTS HYDRATED LIME, EIGHT PARTS SAND.. MORTAR SHALL BE WATERPROOFED BY ADDING ¼ GALLON OF 'NONPORITE' Nº2 PASTE TO EACH BAG OF CEMENT.
EXISTING BOTTOM PLATES AND CORNER POSTS SHALL BE ANCHORED TO BRICK BASE AS SHOWN.
SIGNAL AND TELEGRAPH DIVISION WILL PROVIDE SUPPORTS TO APPARATUS BEAMS AND CARRY OUT THIS WORK.



V.R

NORTHCOTE

PROPOSED RENEWALS TO SIGNAL BOX AT ARTHURTON ROAD.

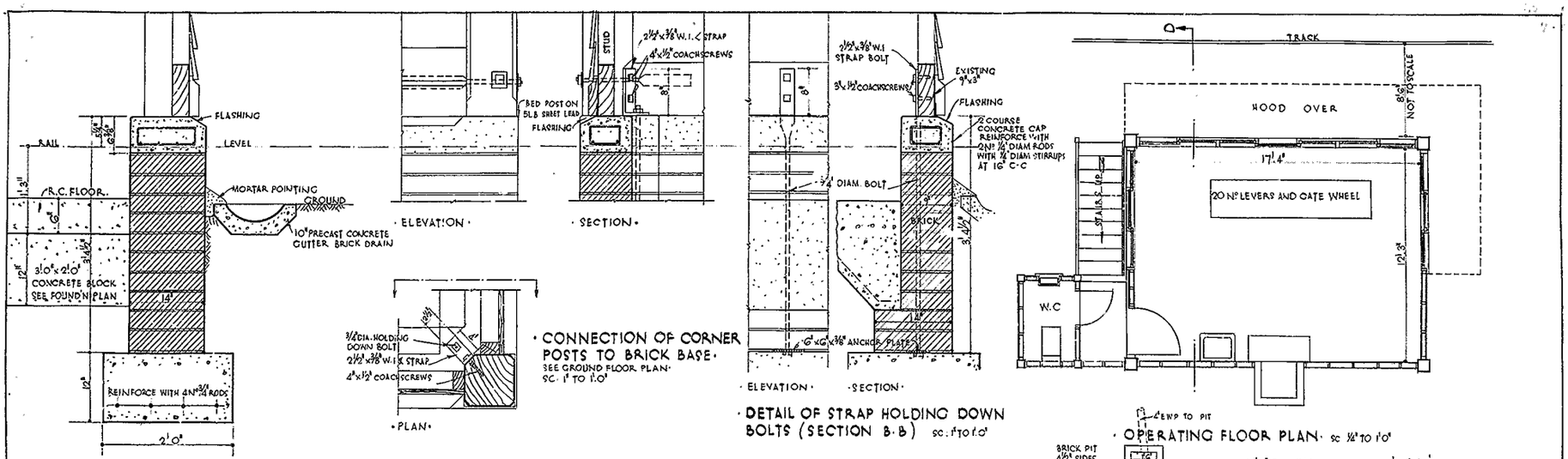
SCALES AS SHOWN

CHIEF CIVIL ENGINEER

AMENDED PLAN

WORK COMPLETED 6/7/53.					
DRAWN BY	CHECKED BY	CORRES Nº	CHIEF ARCHITECT.	B·198	PLAN Nº
M	L.E.M.	51/45	9-1-1946	B·65	7·46

198



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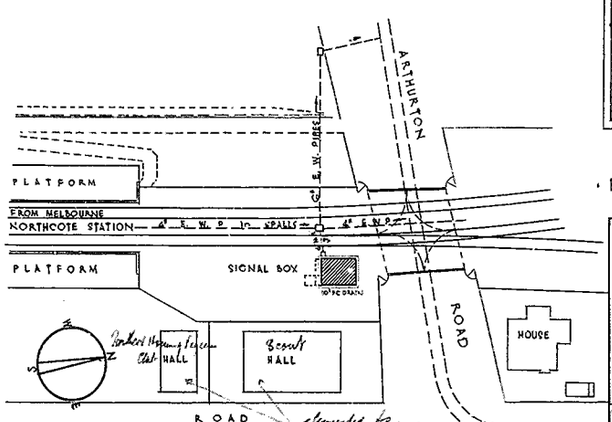


V.R

NORTHCOTE

PROPOSED RENEWALS TO SIGNAL BOX AT ARTHURTON ROAD.

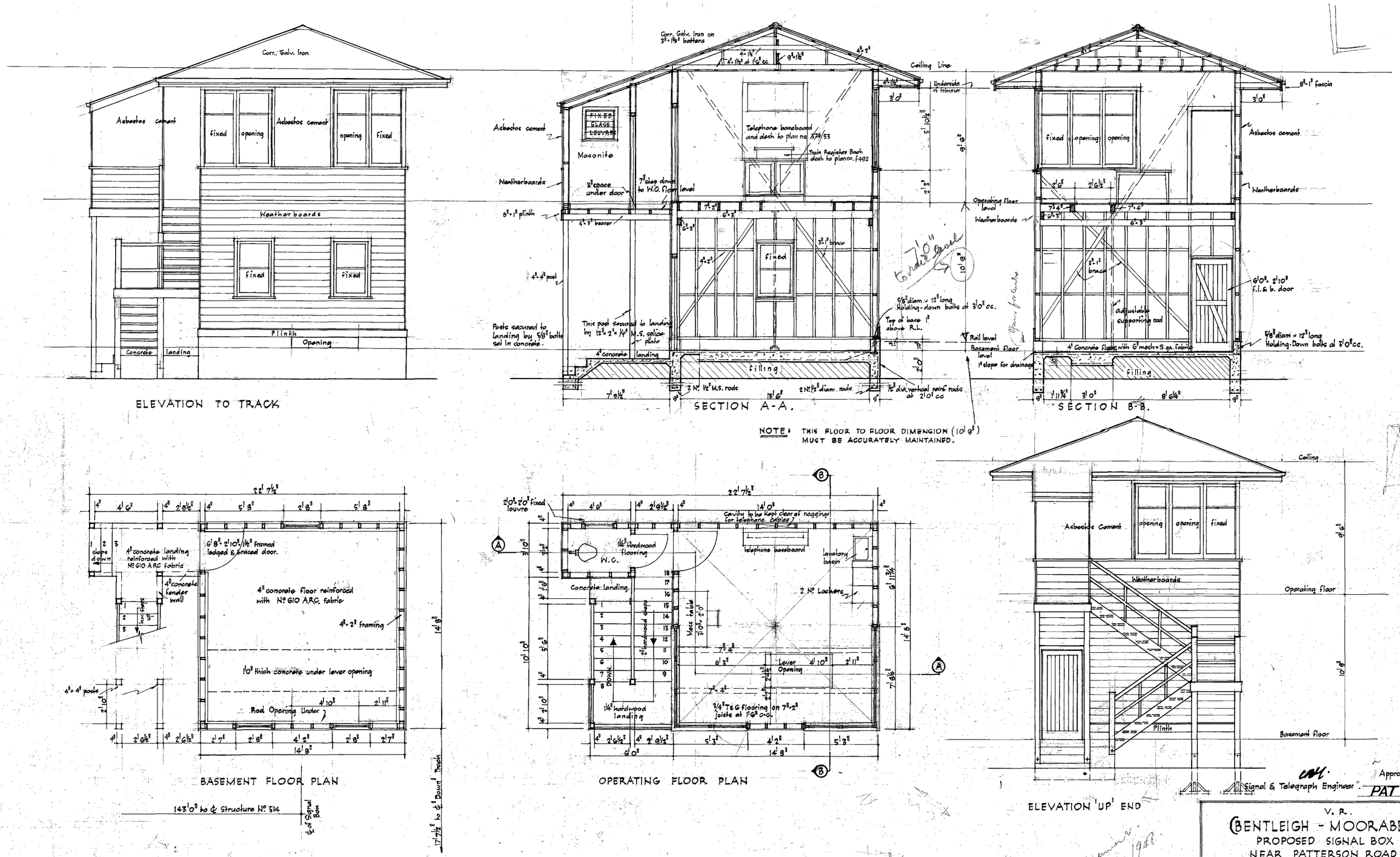
SCALES AS SHOWN

CHIEF CIVIL ENGINEER

AMENDED PLAN

WORK COMPLETED 6/7/53.					
DRAWN BY	CHECKED BY	CORRES Nº	CHIEF ARCHITECT.	B·198	PLAN Nº
M	L.E.M.	51/45	9-1-1946	B·65	7·46

198



Signal & Telegraph Engineer. Approved. PATTERSON

V. R.

(BENTLEIGH - MOORABBIN)

PROPOSED SIGNAL BOX

NEAR PATTERSON ROAD

Scale: 1/4" to 1'0".

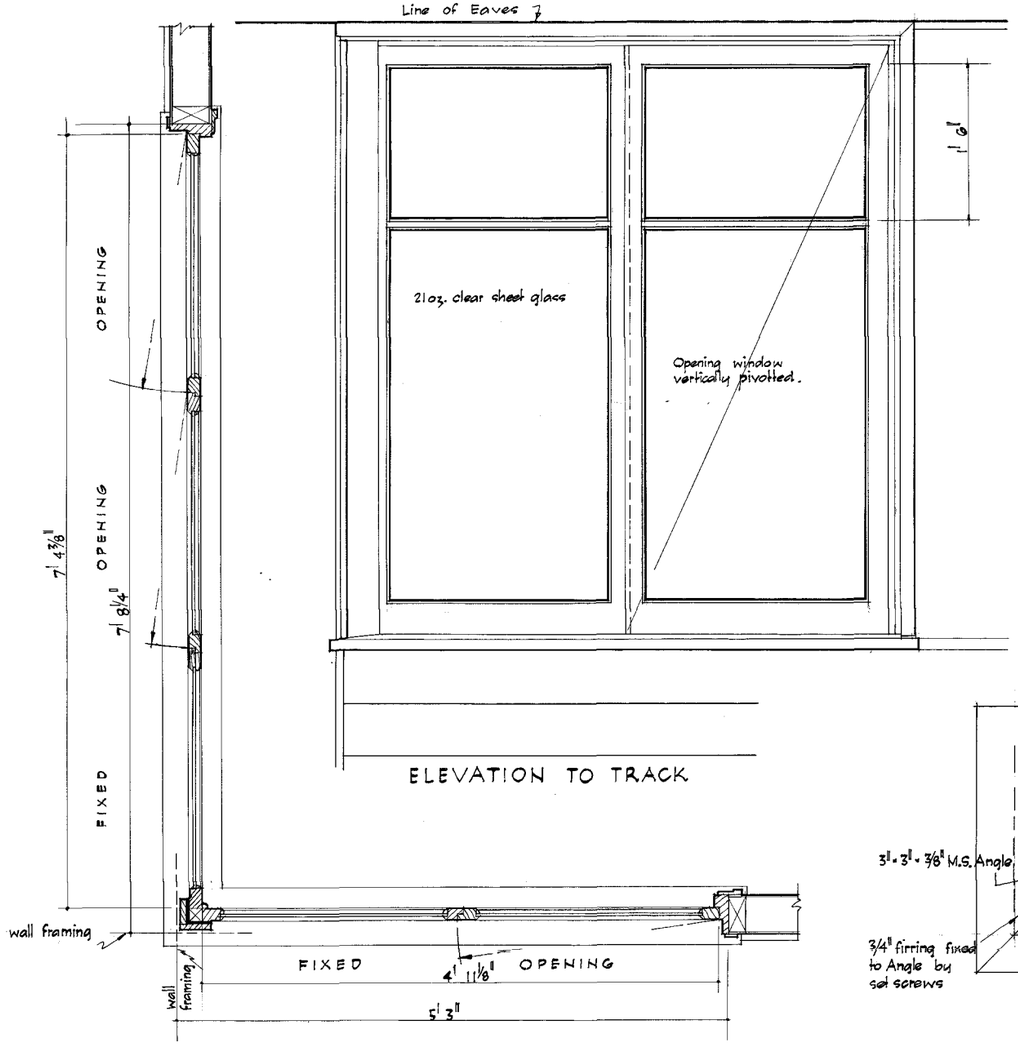
Chief Civil Engineer — Signal & Telegraph Engr.

DRAWN	CHECKED	CORRES			
RGB.	D.B.C.	16204/54	SENIOR ARCHITECT	B 264 / B 65	PLAN No. 833-54

M-2-1.

R49682.

R.G.B. 6.4.54.

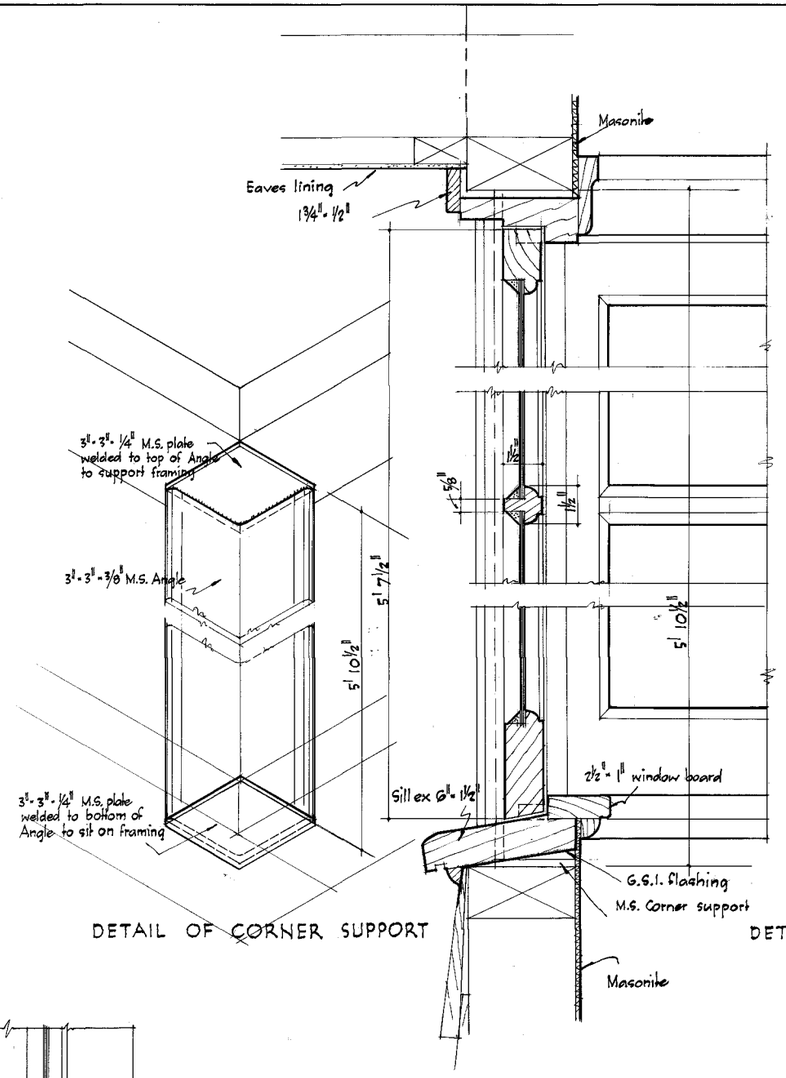


ELEVATION TO TRACK

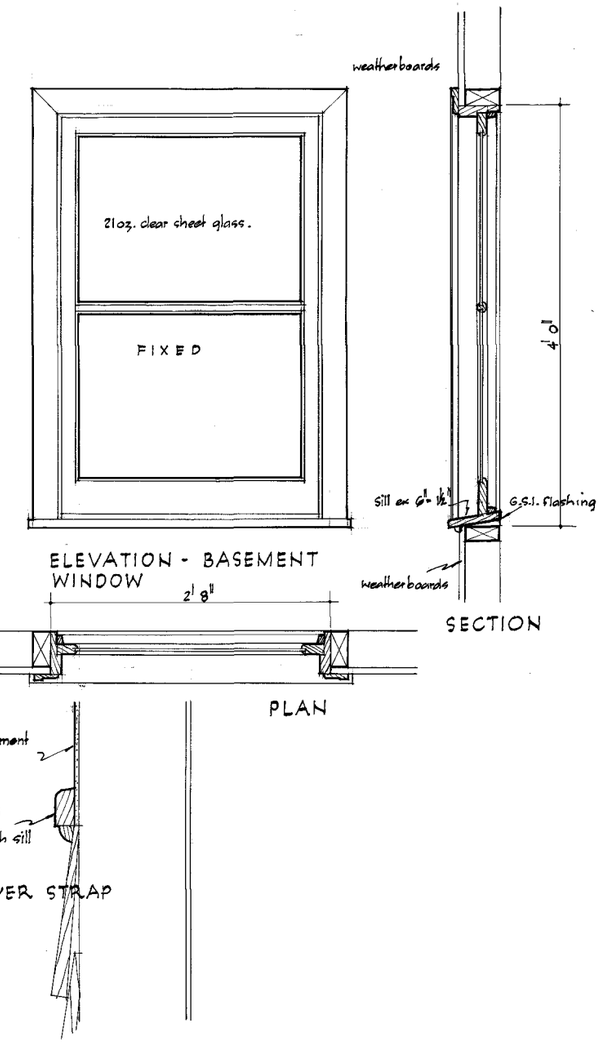
PLAN - OPERATING FLOOR WINDOW

Left Side, Right Side similar, Opposite in Hand.

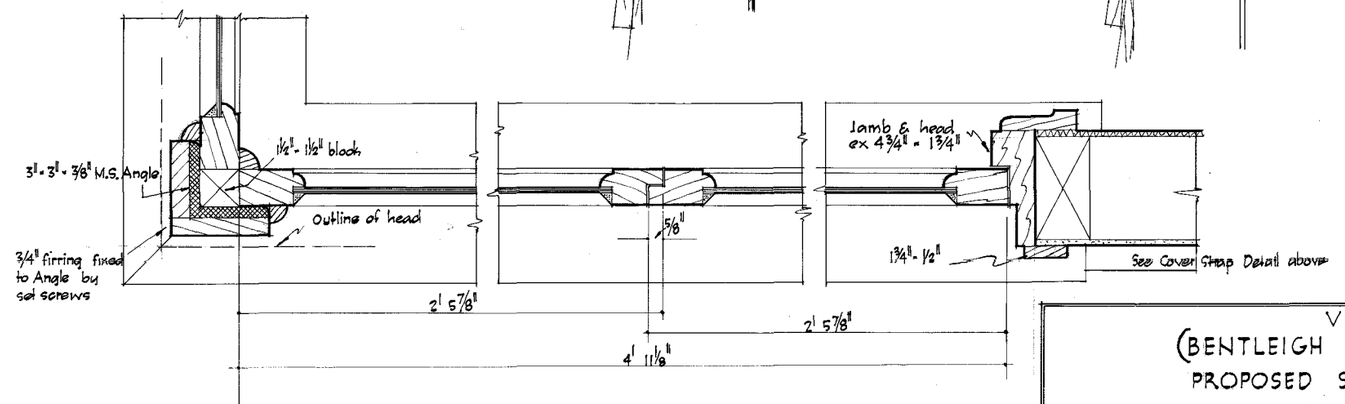
Hang all opening windows with 14" Whitco" window fittings.



DETAIL OF CORNER SUPPORT



DETAIL - COVER STRAP



PATTERSON

V. R.

(BENTLEIGH - MOORABBIN) line

PROPOSED SIGNAL BOX

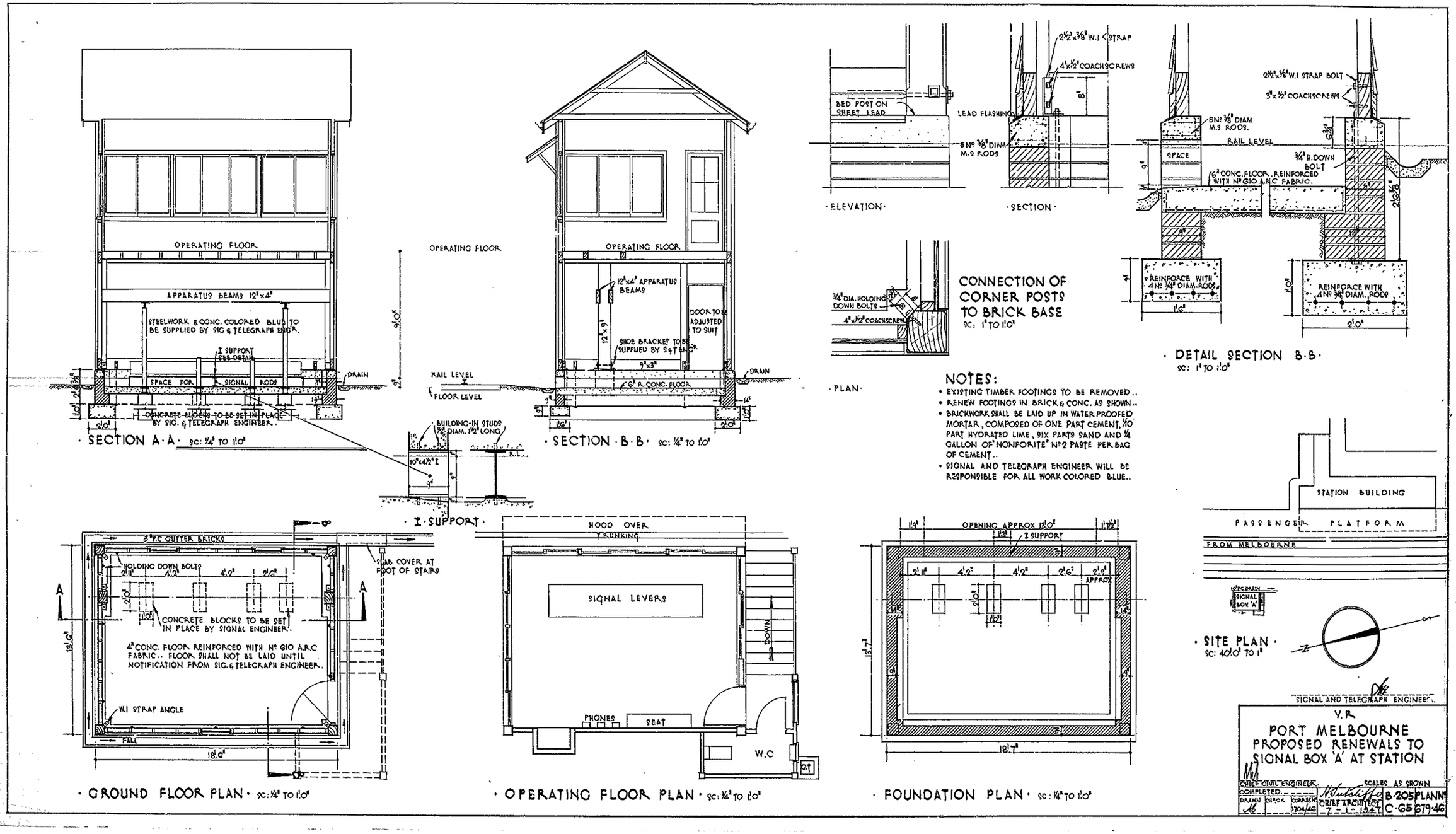
WINDOW DETAILS

Scales : 3" & 1" to 1'0"

Chief Civil Engineer

Drawn	Checked	Corres. No		B 266	Plan No
R.G.B.	D.B.C.	16204/54.	SENIOR ARCHITECT	C 65	846-54.

B 49683
M-2-1.



NOTES:

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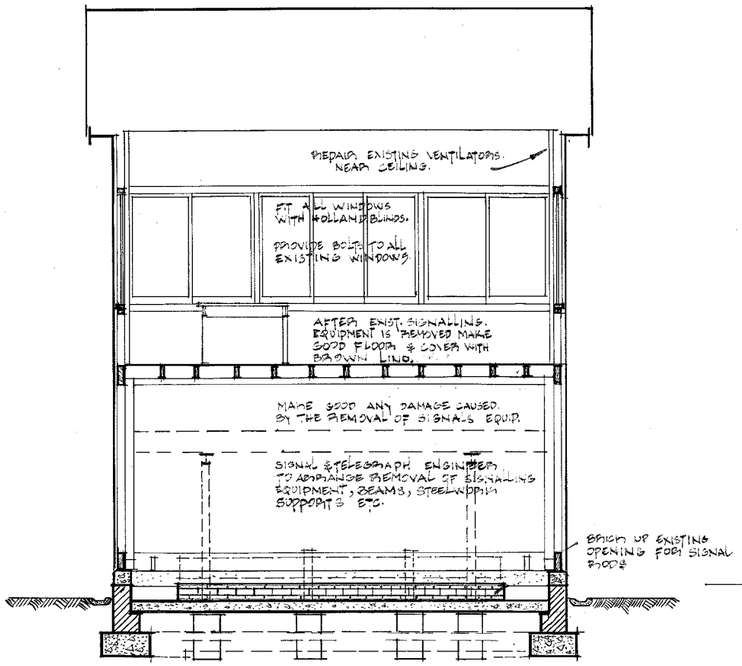
- BRICKWORK SHALL BE LAID UP IN WATER PROOFED MORTAR, COMPOSED OF ONE PART CEMENT, 1/10 PART HYDRATED LIME, SIX PARTS SAND AND 1/4 GALLON OF "NONPORITE" No 2 PASTE PER BAG OF CEMENT..
- SIGNAL AND TELEGRAPH ENGINEER WILL BE RESPONSIBLE FOR ALL WORK COLORED BLUE..

V.R.

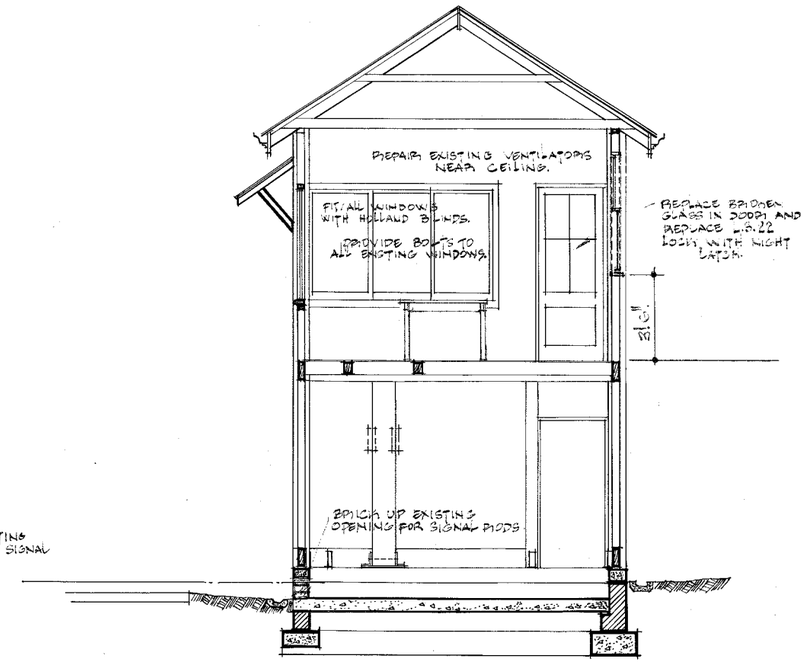
PORT MELBOURNE
PROPOSED RENEWALS TO SIGNAL BOX 'A' AT STATION

CHIEF CIVIL ENGINEER. SCALES AS SHOWN
COMPLETED.
DRAWN CHECK CORRESPN 1704/46 CHIEF ARCHITECT 7-1-1947 B·205 C·65 PLANNS 679·46

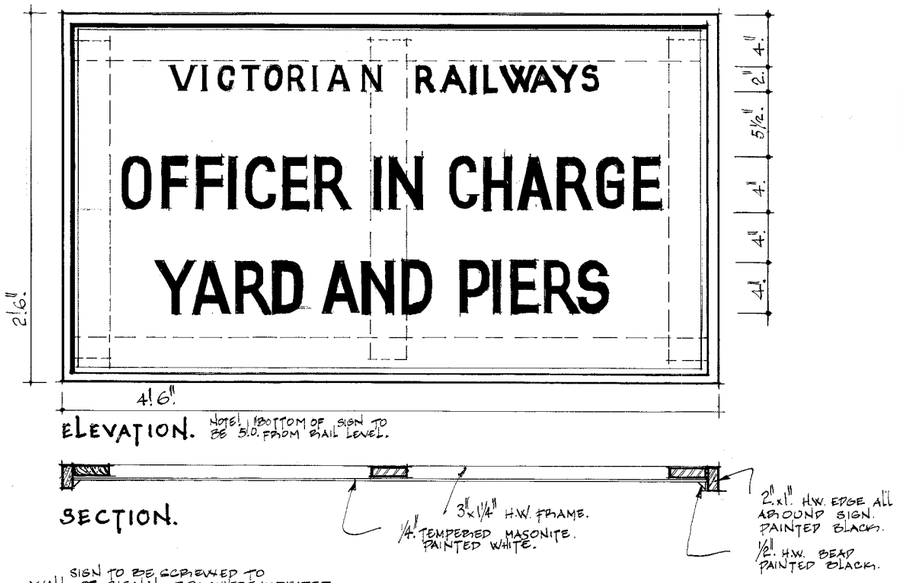
205



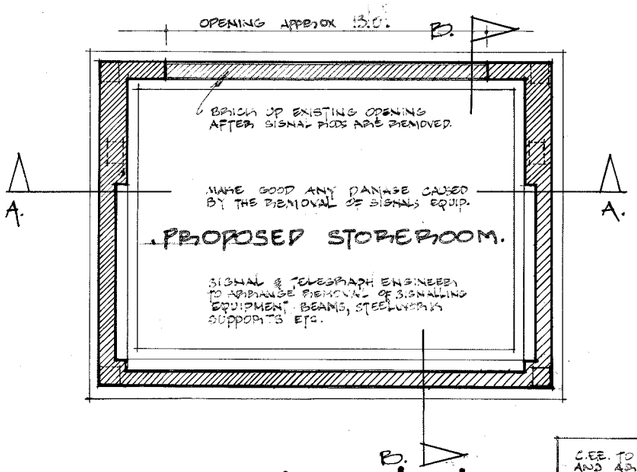
SECTION A.A.
SCALE: 1/4" = 1'0".



SECTION B.B
SCALE: 1/4" = 1'0".

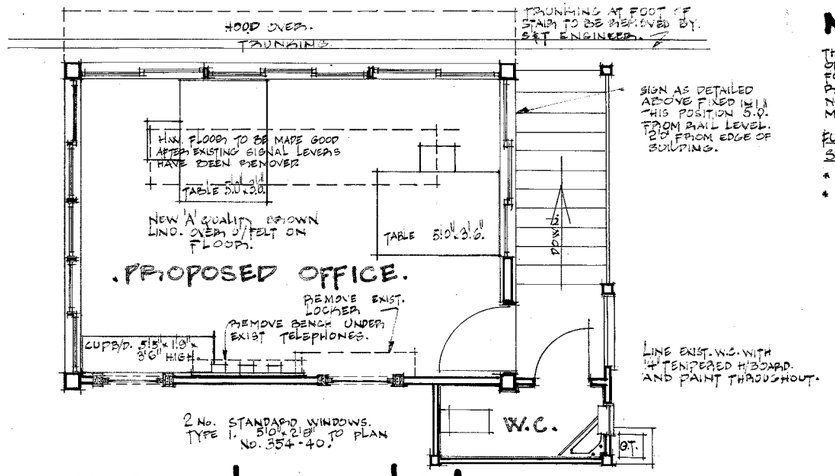


DETAIL OF SIGN...
SCALE: 1½" = 1'0".



BASEMENT PLAN.
SCALE: 1/4" = 1'0".

C.E.E. TO PROVIDE LIGHTING AND ARRANGE POWER POINT FOR JUG & FAN.



UPPER FLOOR PLAN.
SCALE: 1/4" = 1'0".

NOTE:

THE FURNITURE SHOWN IN THE PROPOSED OFFICE AND THE FURNITURE LISTED BELOW FOR PLACEMENT IN THE PROPOSED STOREROOM IS TO BE REMOVED TO ITS NEW POSITIONS FROM THE PORT MELBOURNE STATION BUILDINGS.

FURNITURE FOR PROPOSED STOREROOM.
- CUPBOARD. 5'4"x1'0"x 6'10" HIGH.
- CUPBOARD. 4'0"x1'4"x 7'5" HIGH.

Approved

Chief Traffic Manager

REVISION	DATE	AMENDMENT.	AMENDED BY.

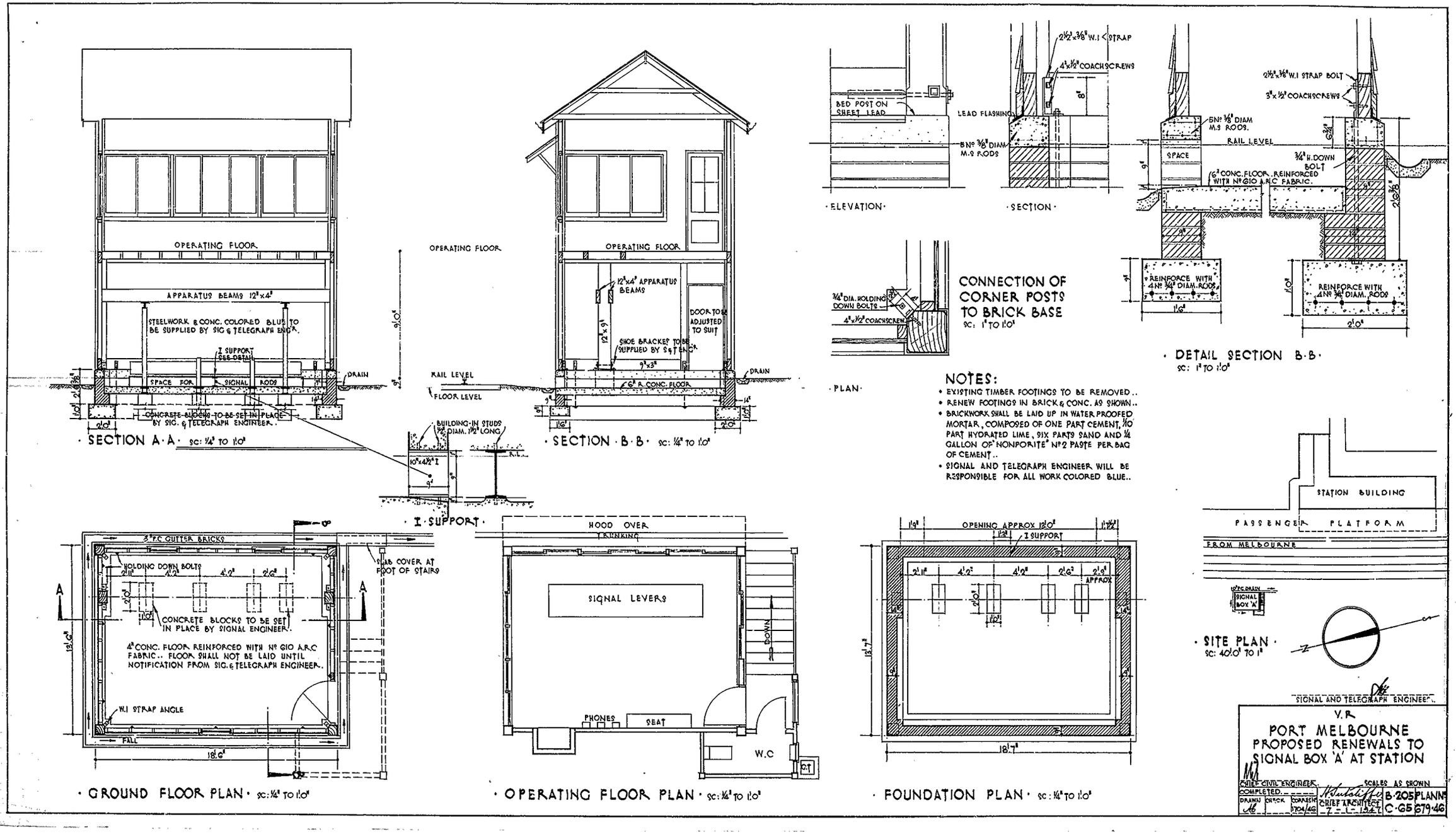
V.R.

PORT MELBOURNE.
REHABILITATION OF SIGNAL BOX 'A' AT STATION.

A/CHIEF CIVIL ENGINEER.

SCALES AS SHOWN.

DRAWN	TRACED	CHECKED	CORRES.	SENIOR ARCHITECT.	B-335 C-65	PLAN. No. 465-66.
M.E.H.						



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- SIGNAL AND TELEGRAPH ENGINEER WILL BE RESPONSIBLE FOR ALL WORK COLORED BLUE..

V.R.

PORT MELBOURNE
PROPOSED RENEWALS TO SIGNAL BOX 'A' AT STATION

CHIEF CIVIL ENGINEER. SCALES AS SHOWN
COMPLETED.
DRAWN CHECK CORRESPN 1704/46 CHIEF ARCHITECT 7-1-1947 B·205 C·65 PLANNS 679·46

205

VICTORIAN RAILWAYS.

MELBOURNE TO RICHMOND

TRIPLICATION OF LINES

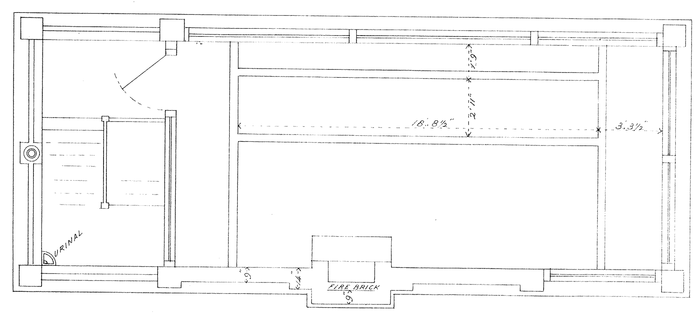
CONTRACT Nº

Nº

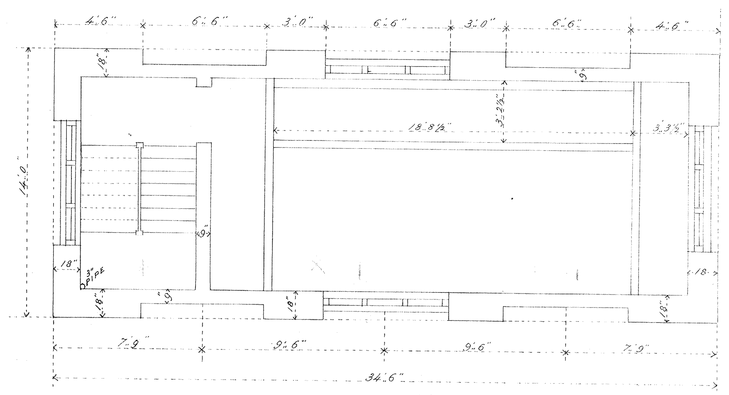
STATION BUILDINGS AT RICHMOND

SIGNAL BOX

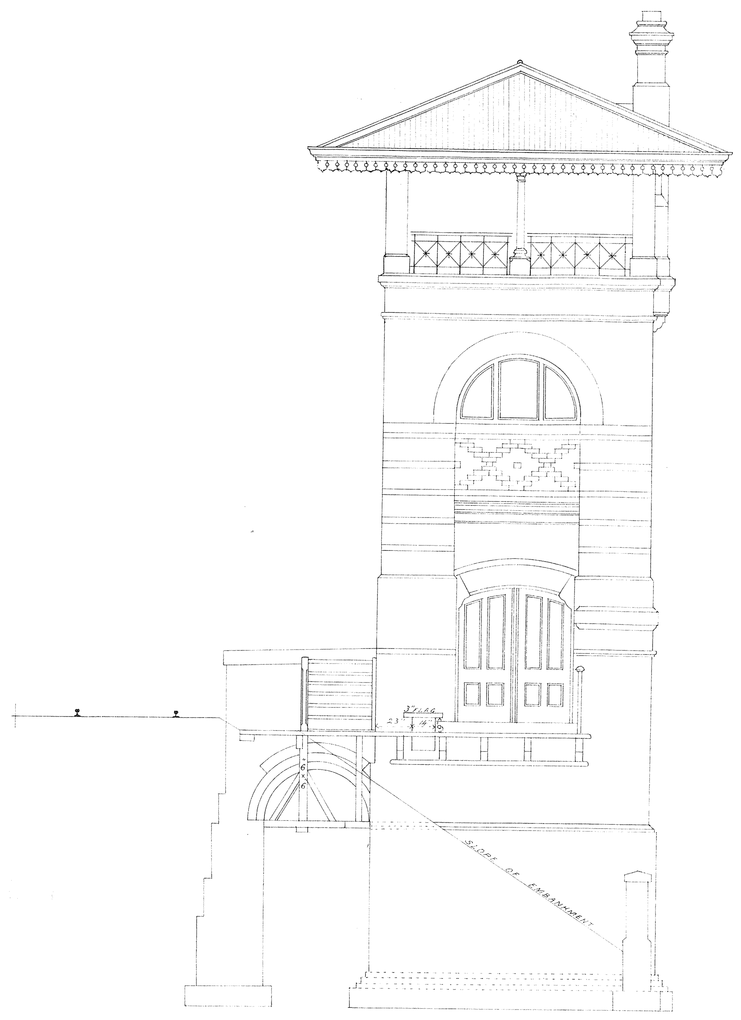
SCALE: 4 FEET TO 1 INCH.



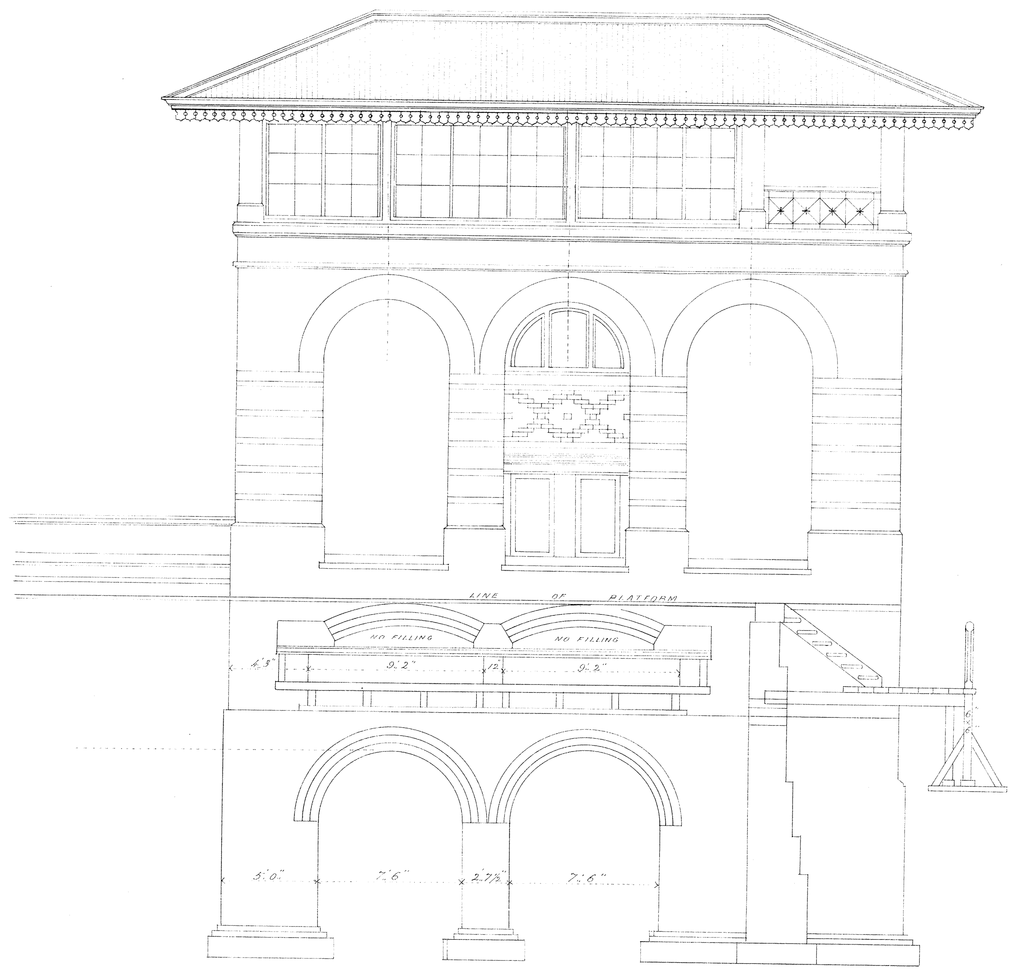
PLAN OF TOP FLOOR



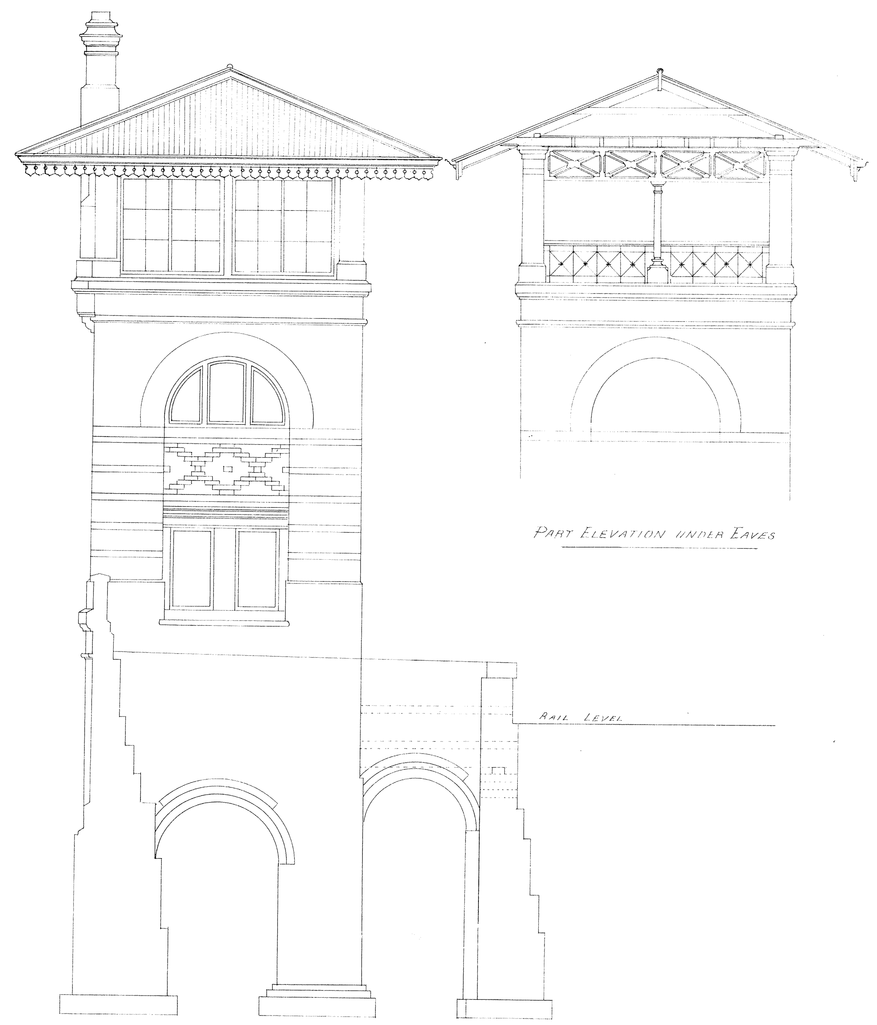
PLAN OF FLOOR ABOVE PLATFORM



WEST END ELEVATION

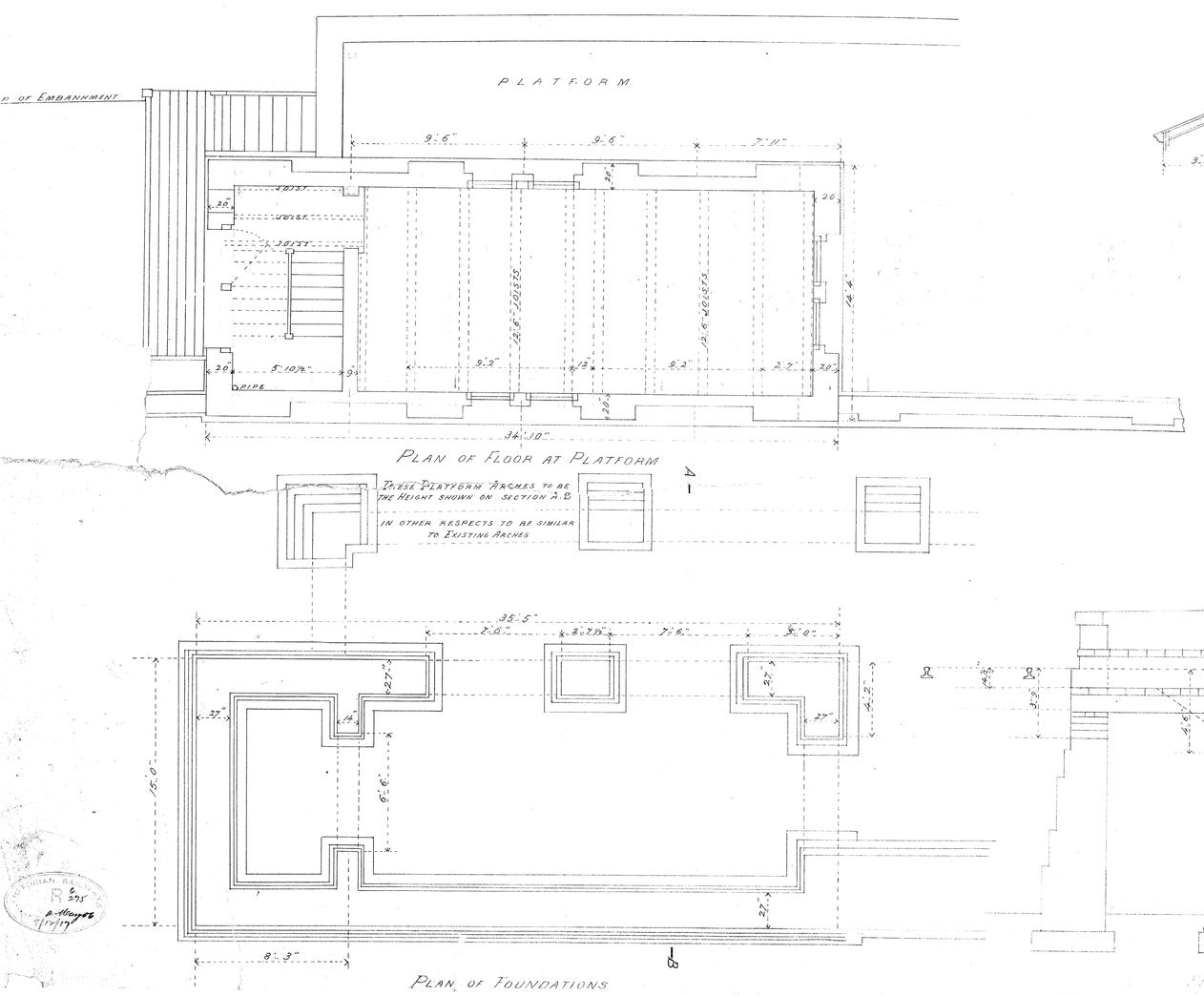


ELEVATION TO PLATFORM



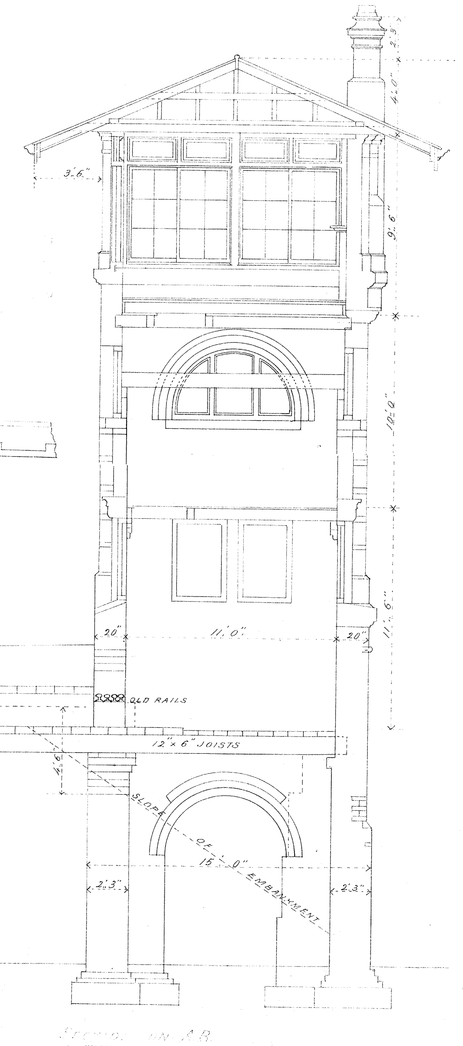
PART ELEVATION UNDER EAVES

EAST END ELEVATION

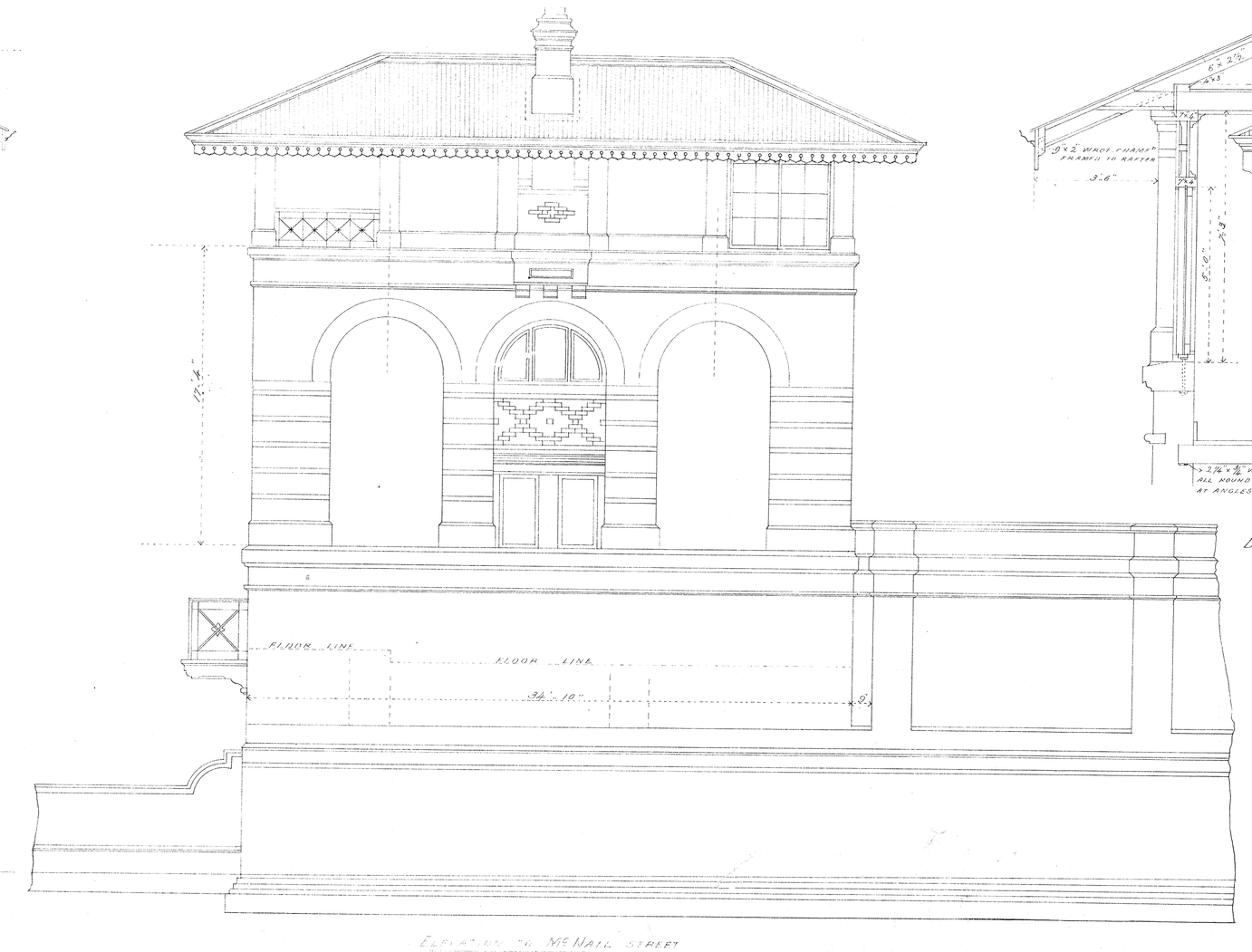


PLAN OF FLOOR AT PLATFORM

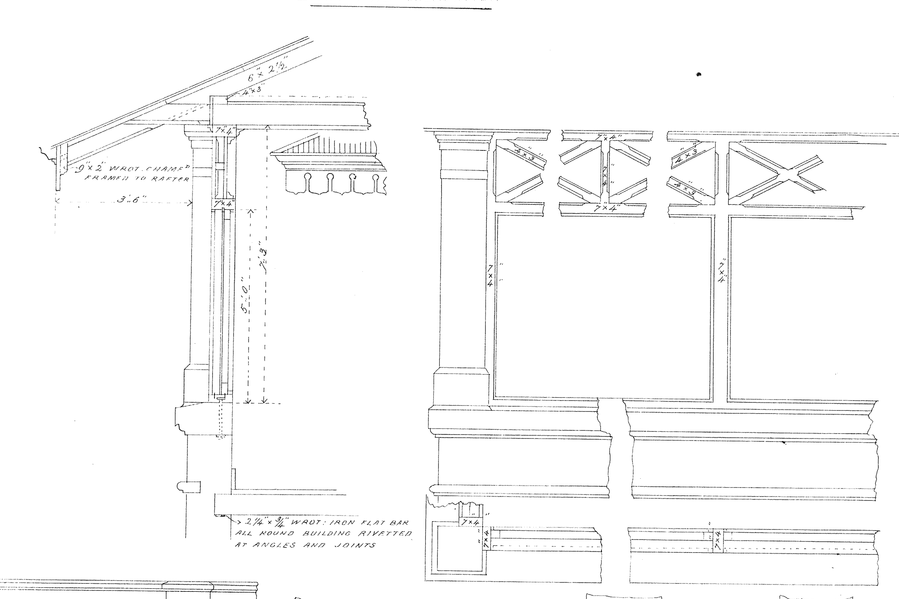
PLAN OF FOUNDATIONS



SECTION ON A-B



ELEVATION TO McHAIL STREET


3'-6"
2'-7½"
2'-3"
2'-3"
2'-3

VICTORIAN RAILWAYS.

MELBOURNE & ECHUCA LINE

SANDHURST STATION

Signal Box ~~B~~

SCALE 4 FEET TO 1 INCH. DETAILS ½ FULL SIZE

(Size 30'x 12'.3"x 11'.5" above Rail)

CONTRACT No 3679

SCANTLINGS

Posts Angle Posts & Door Posts	6x6
Lower Floor Bearers	12x6
Riverside Bearers	9x6
Angle Posts (Iron)	3½"
Trimmers Studs & Head	3x3
Intermediate Studs	3x3
Angle Struts	3x3
Diagonal Bracing	3x6
Partition Studs	3x4
Main Ceiling Joists	3x6
Porch Ceiling Joists & Rafters	3x2
Flooring	3x8
Gallery Iron	3'0
Bearers	6x6
Handrail Posts	3x3
Door Posts	6x6
Upper Floor Joists	12x6
T.& G. Flooring	6x1"
Weatherboards & Lap &c.	3x10
Iron & Painted Sliding Shutters	6x6
T.& G. Beaded Lining Ceiling & Soffits	6x6
Sarkings	6x1
New Zeal. Board	6x1"
Fascia	6x9
Bottom Window Shutter & Top Rail	12x12
Bottom Rails	6x12
Upper Sashes Styles & Top Rails	3½x6
Mullions	6x3½
Glass Thickness	26 oz

STAIRS & PORCH

Side Plates	9x6
Bearers, Risers & To Landing	6x12
Treads	9x12
Facings	12x2
Hand Rail	6x3½
Stanchions & Angles	3x3
Flashing	3x12
Sarkings	3x6

NOTE

PORCH STAIRS & DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER

LONGITUDINAL SECTION

SECTION D SHOWING UNDERSIDE OF STAIRS

FRONT ELEVATION

END ELEVATION

UPPER FLOOR PLAN

SKELETON OF FRAMING FOR LANDING & PORCH FLOOR

LOWER FLOOR PLAN

TRANSVERSE SECTION

SECTION OF LOWER DOOR

SECTION OF VENTILATOR

PLAN OF LOWER DOOR

DETAILS OF TRUSSING FRONT WALL

SECTION A A

METHOD OF FIXING APPARATUS

STANDARD

SCARFING TO ANGLE POSTS (IF REQUIRED)

METHOD OF FIXING PLATES TO ANGLE POSTS

SECTION K K

SECTION D D

DETAIL OF WINDOWS & PORCH

I approve of the Drawings referred to in the Specification and Conditions upon which my Tender Dated the 21st January 89 Signature of Contractor [illegible] Witness to Signature [illegible] Date 7/2/89

ER FOR EXISTING LINES CONTRACT No 3679 21/1/89

RAILWAY DEPARTMENT, MELBOURNE, DEC. 1888

No 436

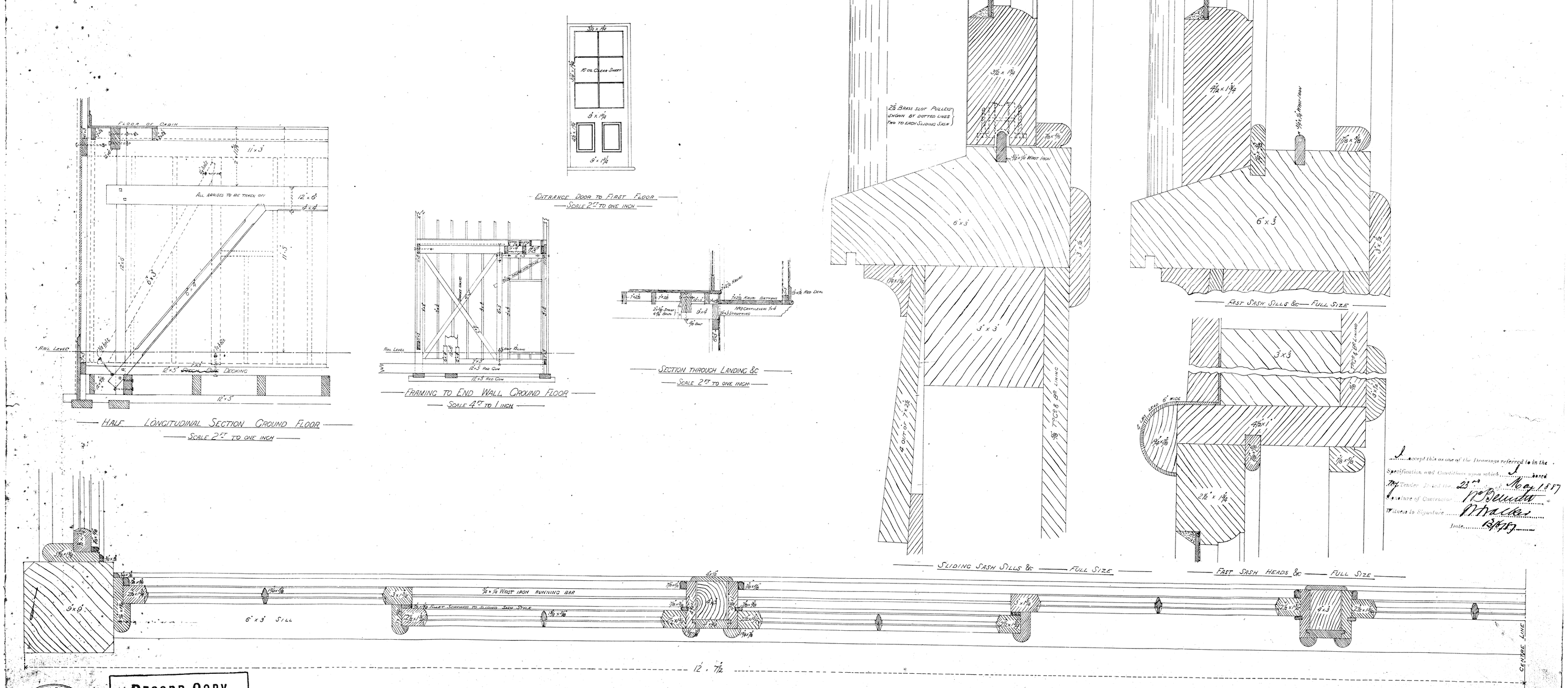
RECORD COPY (PLAN ROOM)

VICTORIAN RAILWAYS,

No. 1 Signal Box at Sandhurst Station

—— Details

CONTRACT No. 2843
No. 2.



I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender dated the 23rd day of May 1887
Signature of Contractor W. Bennett
Witness to Signature W. Walker
Date 13/6/87

RECORD COPY
(Plan Room)

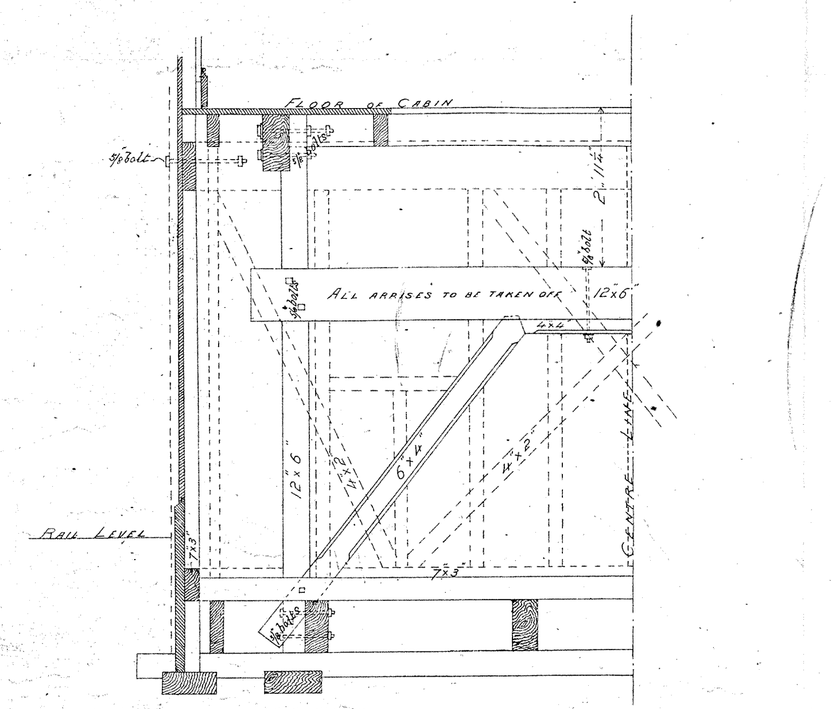
Railway Department, Melbourne Feby. 1887
No. 303.

VICTORIAN RAILWAYS.

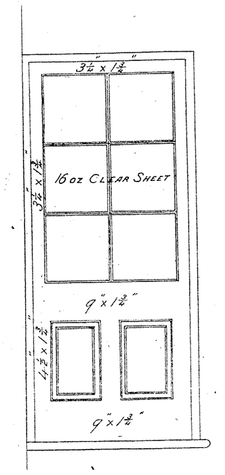
CONTRACT No 2843
No 2.

No 2 SIGNAL BOX AT Sandhurst Station
DETAILS

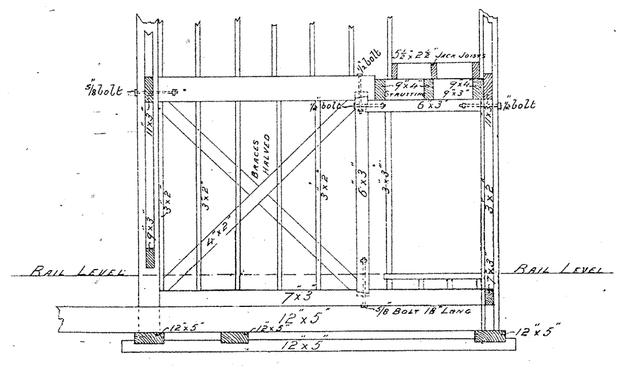
1879



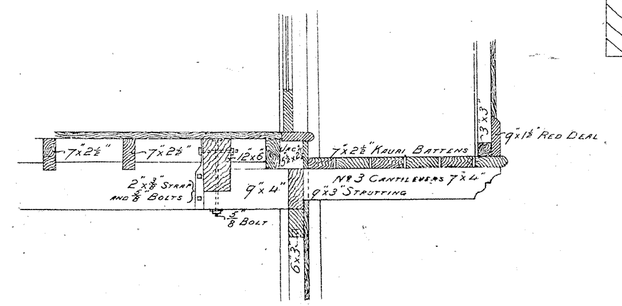
HALF LONGITUDINAL SECTION GROUND FLOOR
SCALE 2ft TO ONE INCH



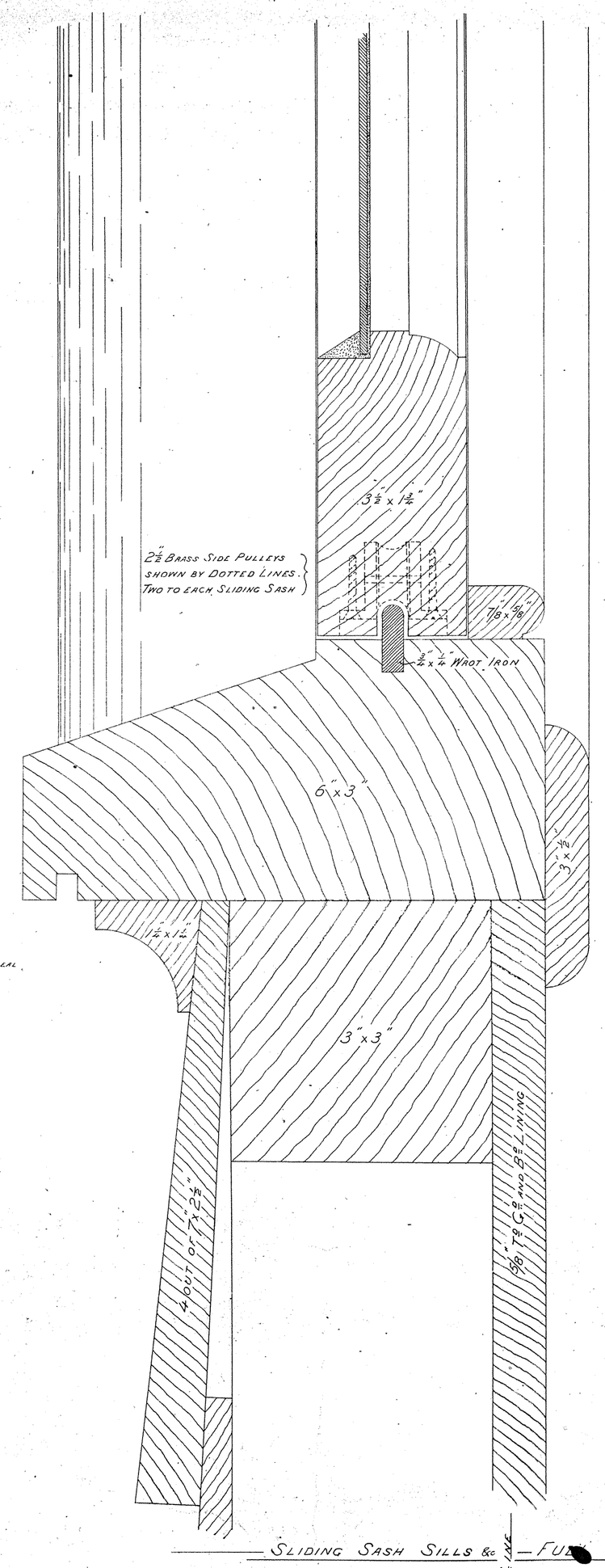
ENTRANCE DOOR TO FIRST FLOOR
SCALE 2ft TO ONE INCH



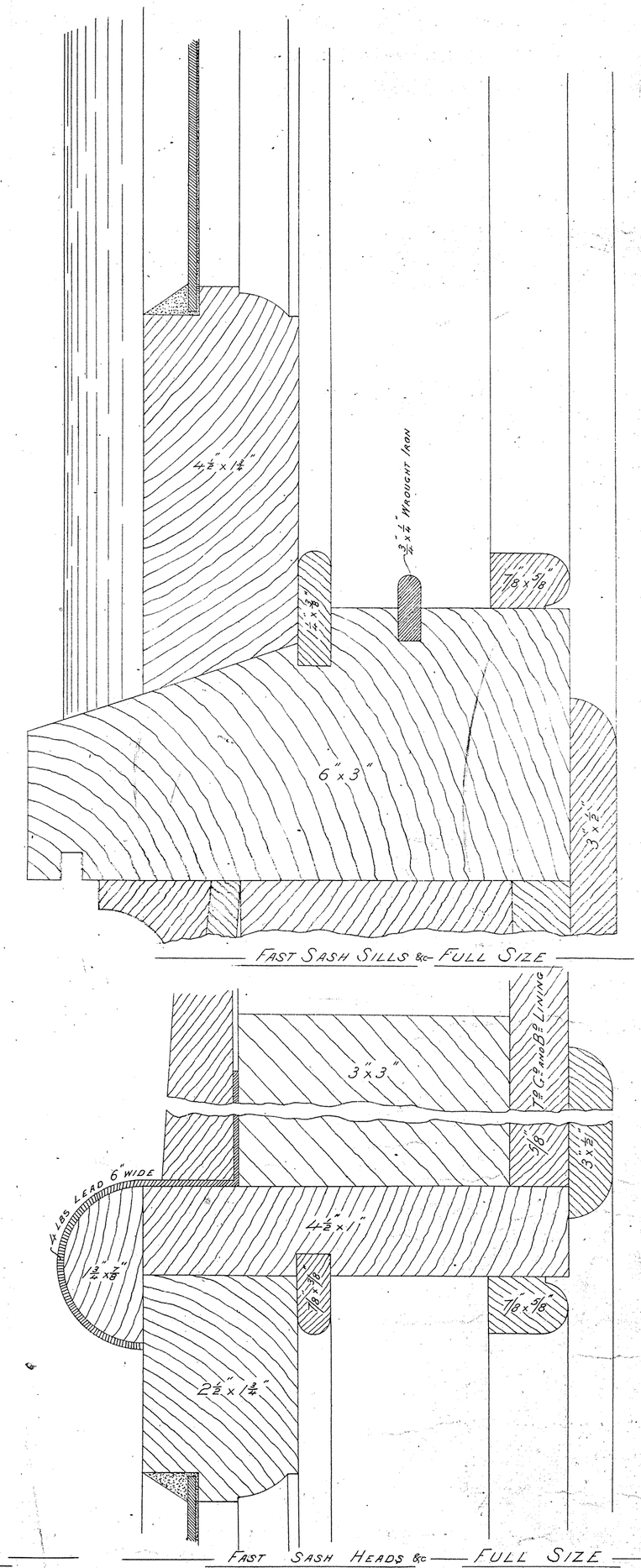
FRAMING TO END WALL GROUND FLOOR
SCALE 4ft TO 1 INCH

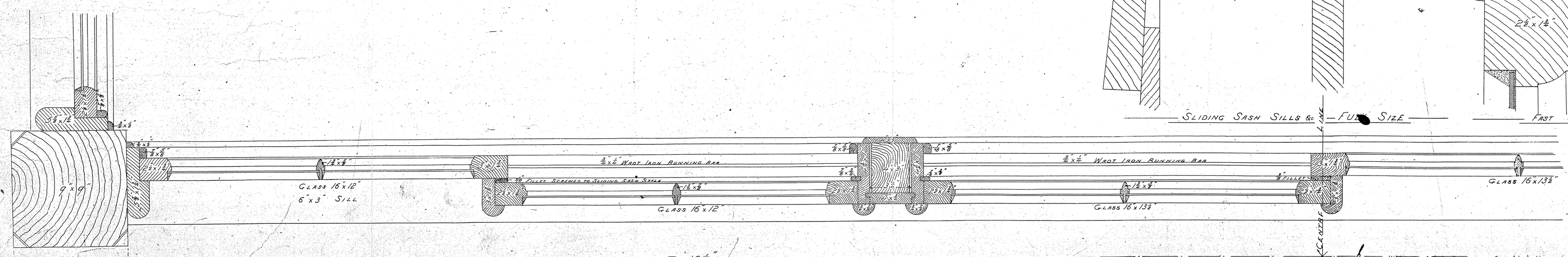


SECTION THROUGH LANDING &c
SCALE 2ft TO ONE INCH



SLIDING SASH SILLS &c FULL SIZE





HALF PLAN OF SASHES IN FRONT SCALE ½ FULL SIZE

I accept this as one of the Drawings referred to in the Specification and Conditions upon which I based my Tender Dated the 23rd day of May 1887.
Signature of Contractor W Burnett
Witness to Signature W Mathers
Date 17/9/87

ENGINEER FOR EXISTING LINES
CONTRACT No 987/3
EXHIBITED IN THE
6/4/87 and 18/4/87
18/4/87

RAILWAY DEPARTMENT, MELBOURNE FEBT 1887. No 321.

VICTORIAN RAILWAYS Received 17 Aug 1967 Date of Plan 16/3/1887

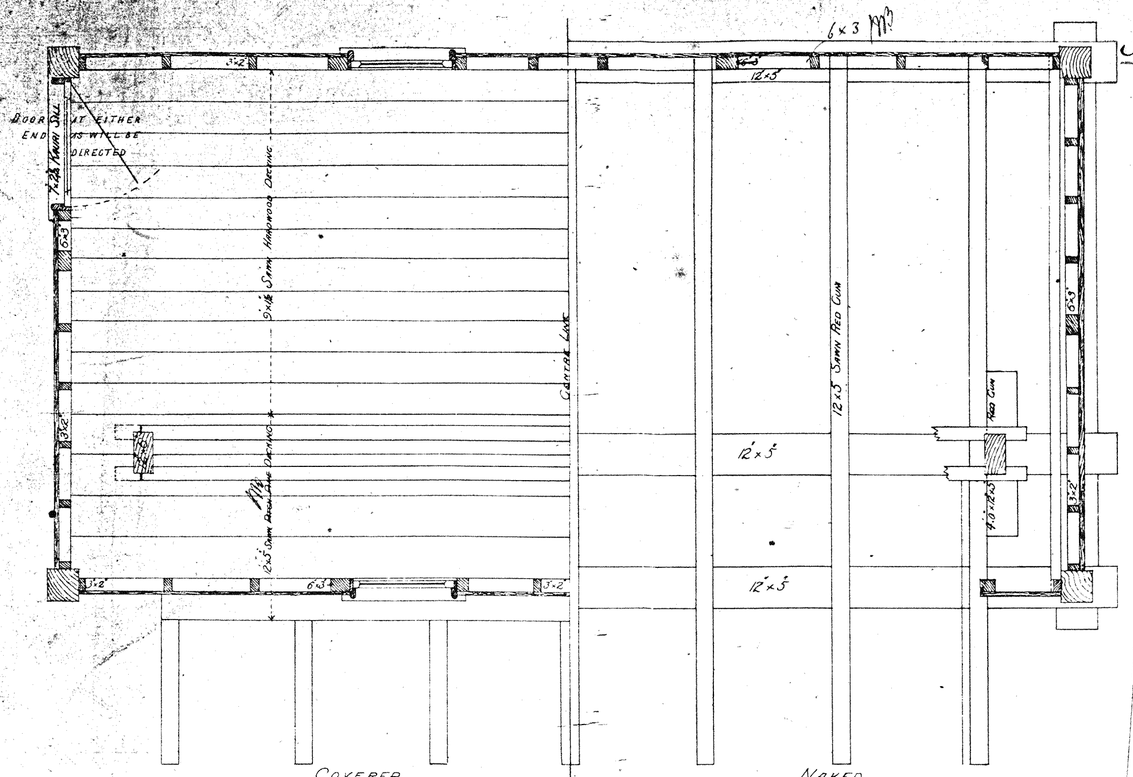
RECORD COPY
(PLAN ROOM)

VICTORIAN RAILWAYS,

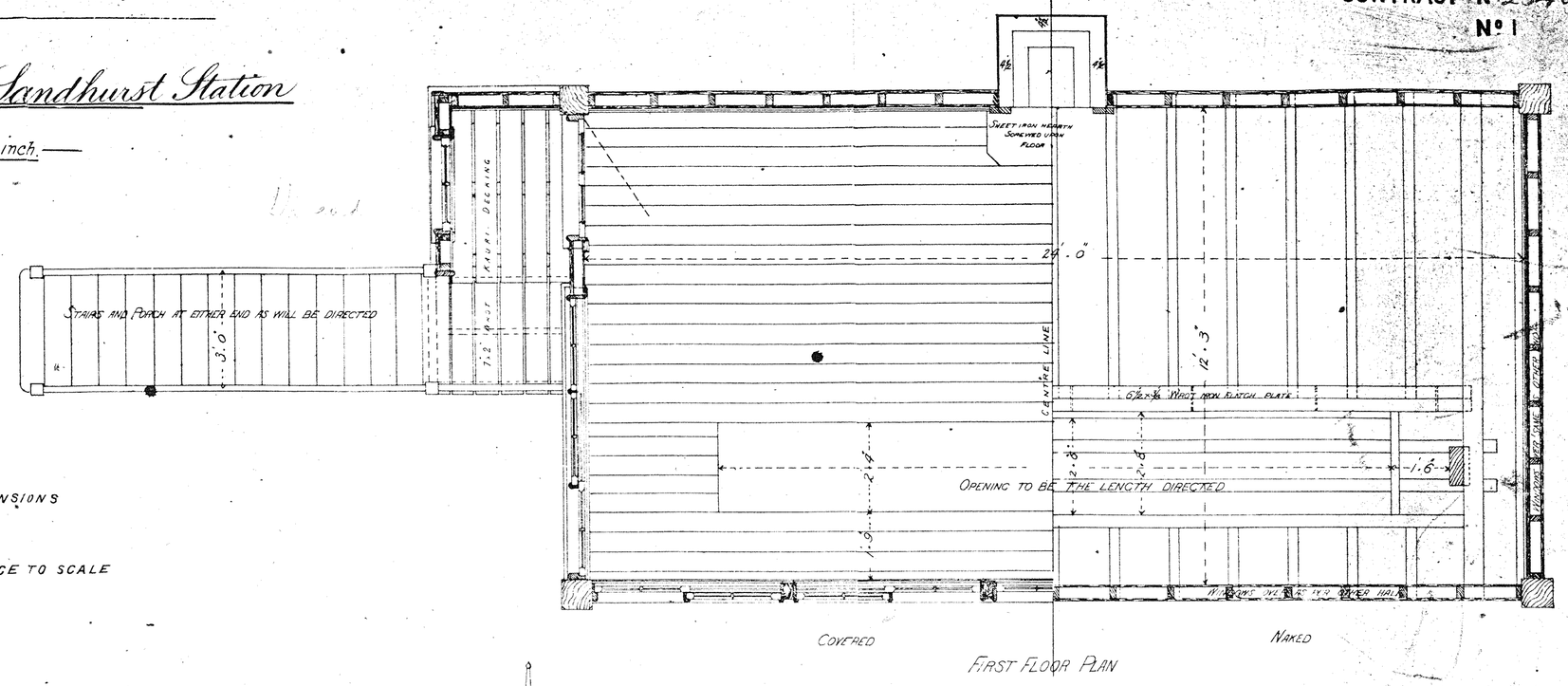
CONTRACT No. 2843
No. 1

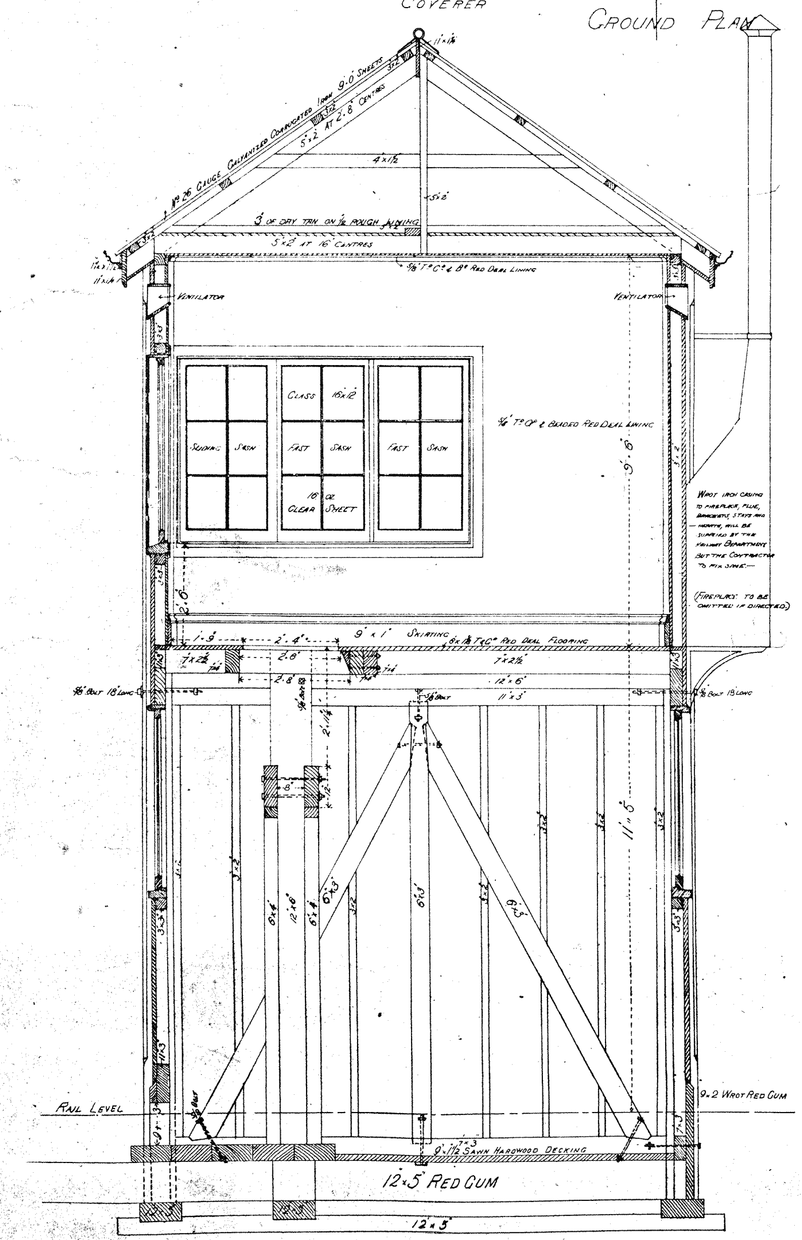
No. 4 C SIGNAL BOX AT Sandhurst Station

— Scale 2 feet to an inch. —

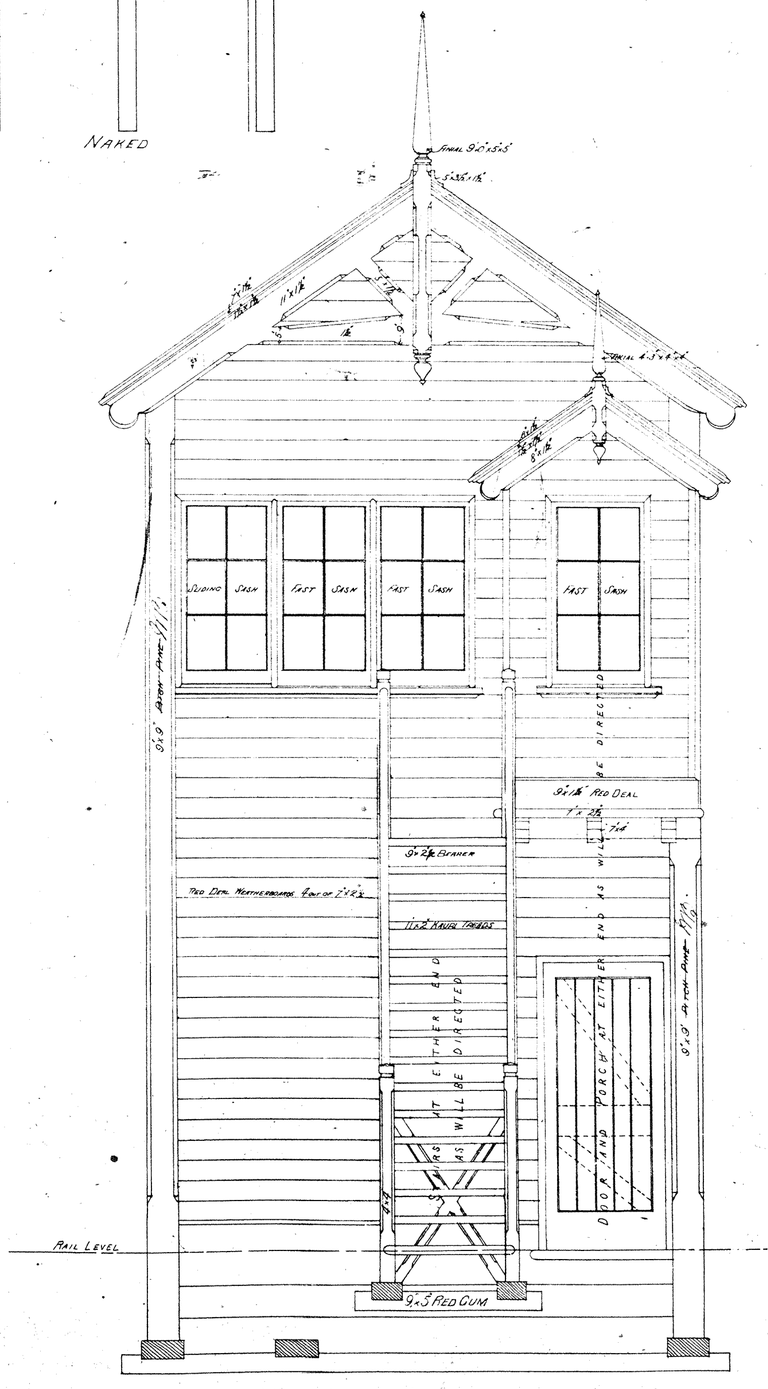


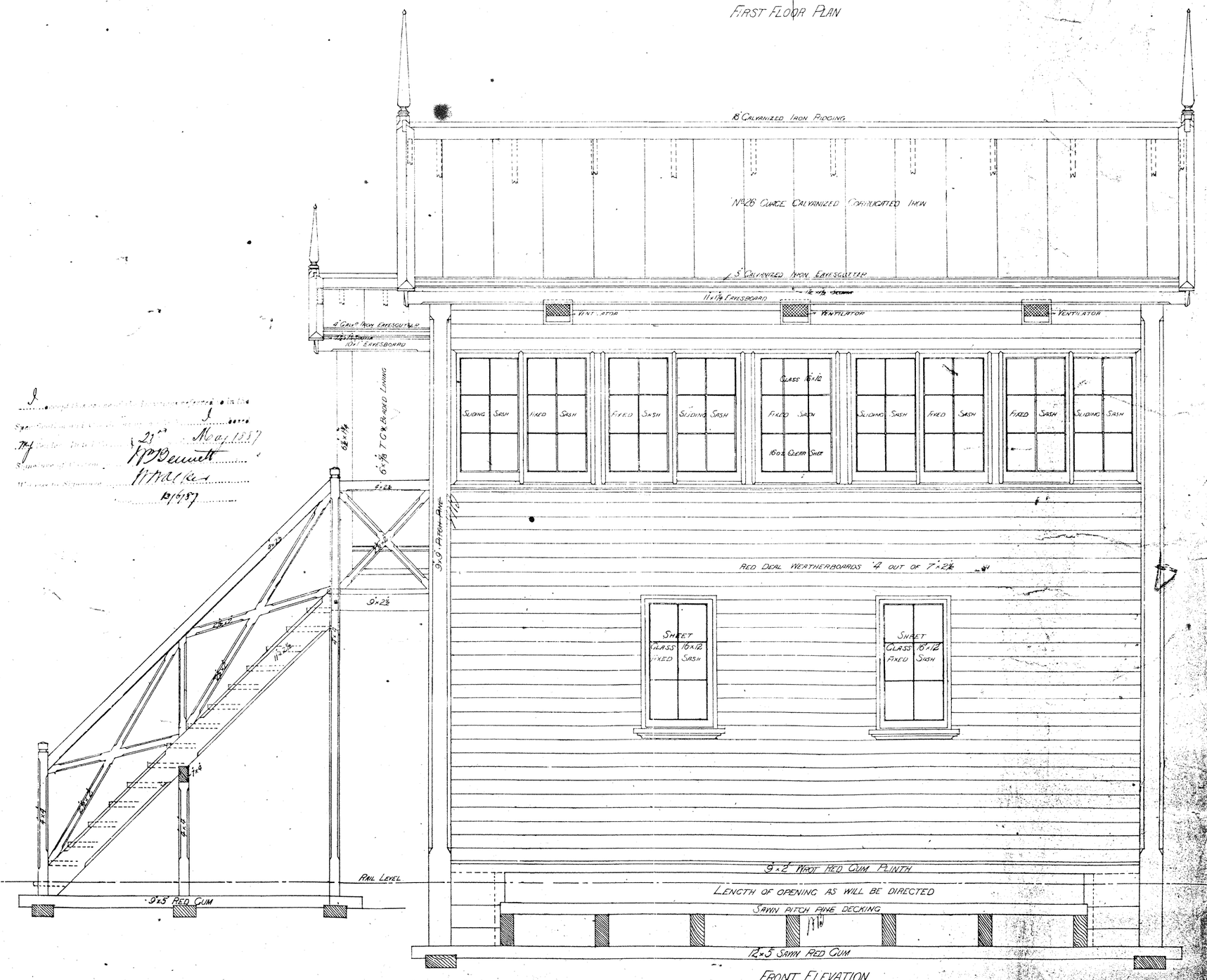
NOTE FIGURED DIMENSIONS IN ALL CASES TO BE TAKEN IN PREFERENCE TO SCALE





Transverse Section





Front Elevation

RAILWAY DEPARTMENT, MELBOURNE, FEB. 1887.

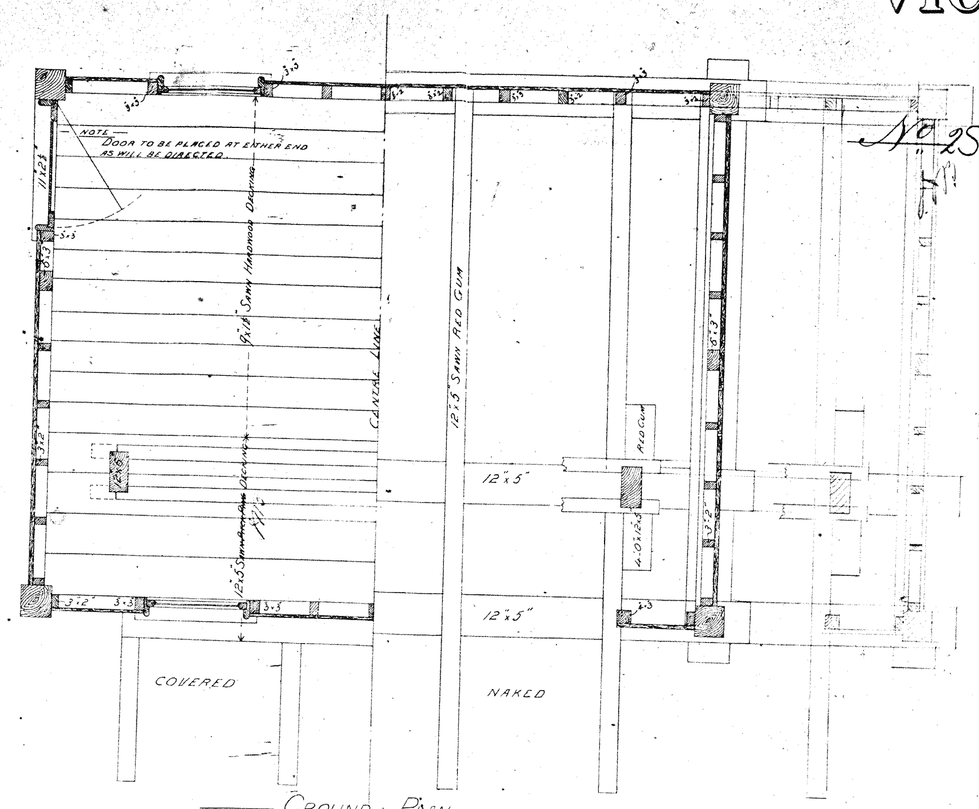
RECORD COPY
(PLAN ROOM)

VICTORIAN RAILWAYS.

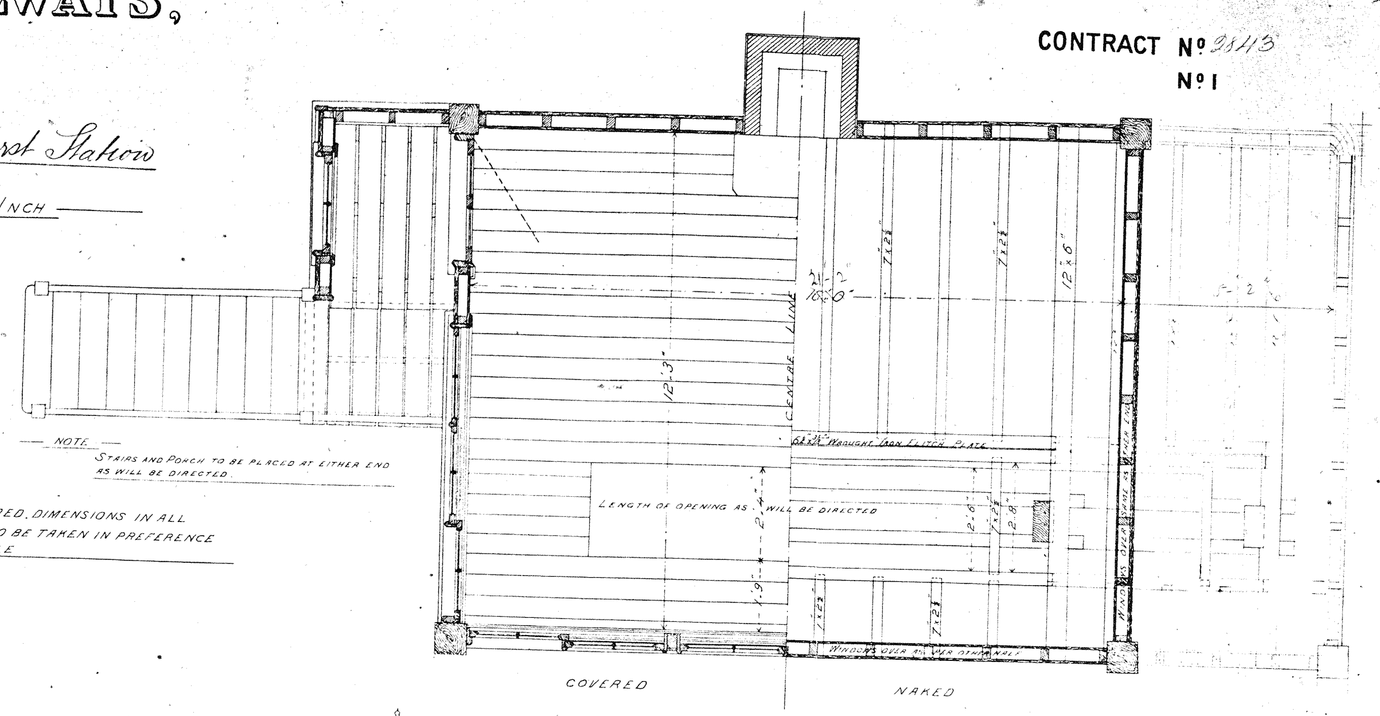
CONTRACT Nº 3113
Nº 1

Nº 2 SIGNAL BOX AT Sandhurst Station

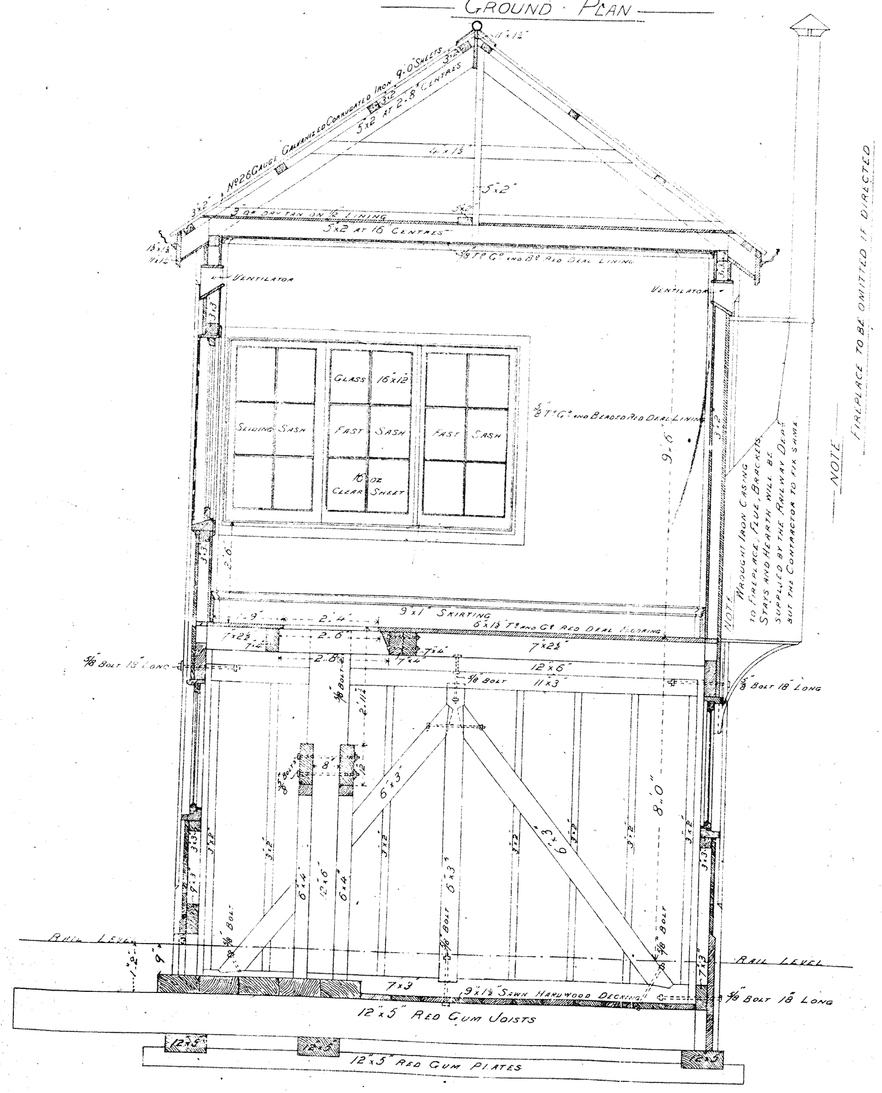
SCALE TWO FEET TO AN INCH



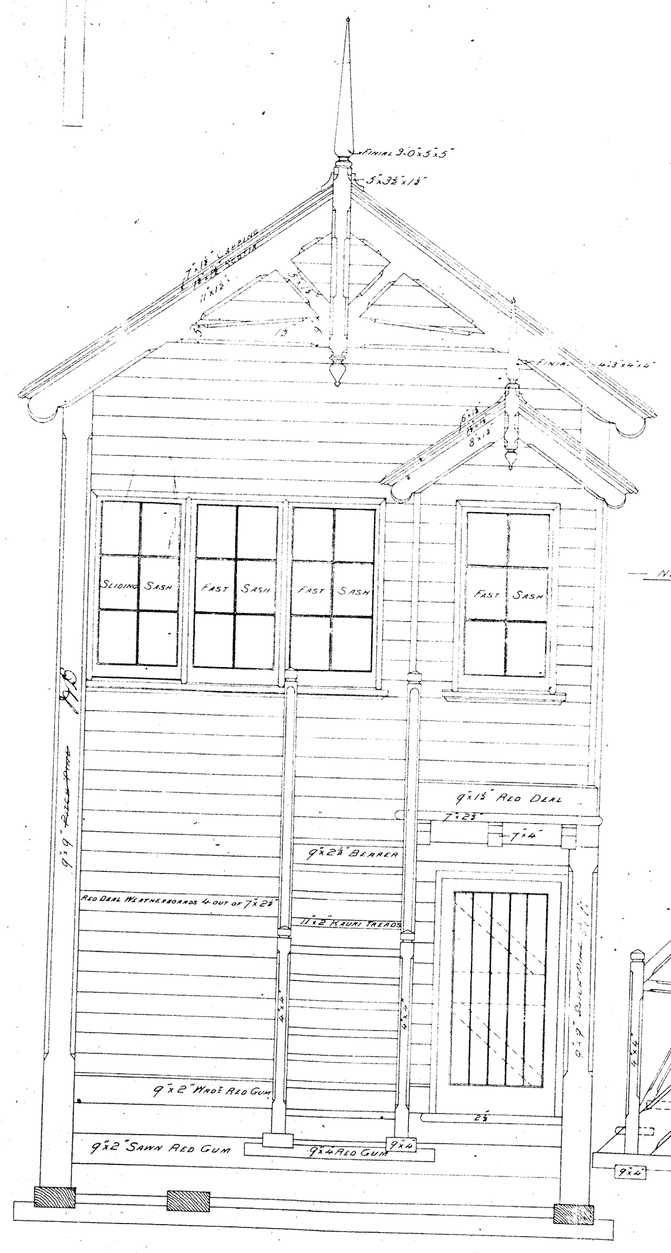
GROUND PLAN



NOTE
FIGURED DIMENSIONS IN ALL CASES TO BE TAKEN IN PREFERENCE TO SCALE



TRANSVERSE SECTION



END ELEVATION



FIRST FLOOR PLAN

FRONT ELEVATION

STAIRS AND PORCH TO BE PLACED AT EITHER END AS WILL BE DIRECTED

RAILWAY DEPARTMENT, MELBOURNE FEB: 1887

I accept this Design
for Signal Box at Sandhurst Station
My Tender dated 13th April 1887
Signature of Contractor J. Burnett
Witness to Signature W. Mackay
Date 13/4/87

Dft'd
Approved 6/4/87
Recd 13/4/87

RECORD COPY
(PLAN ROOM)

Victorian Railways
Engineering Standards Branch
Approved
Date
By

VICTORIAN RAILWAYS,

MELBOURNE & ECHUCA LINE

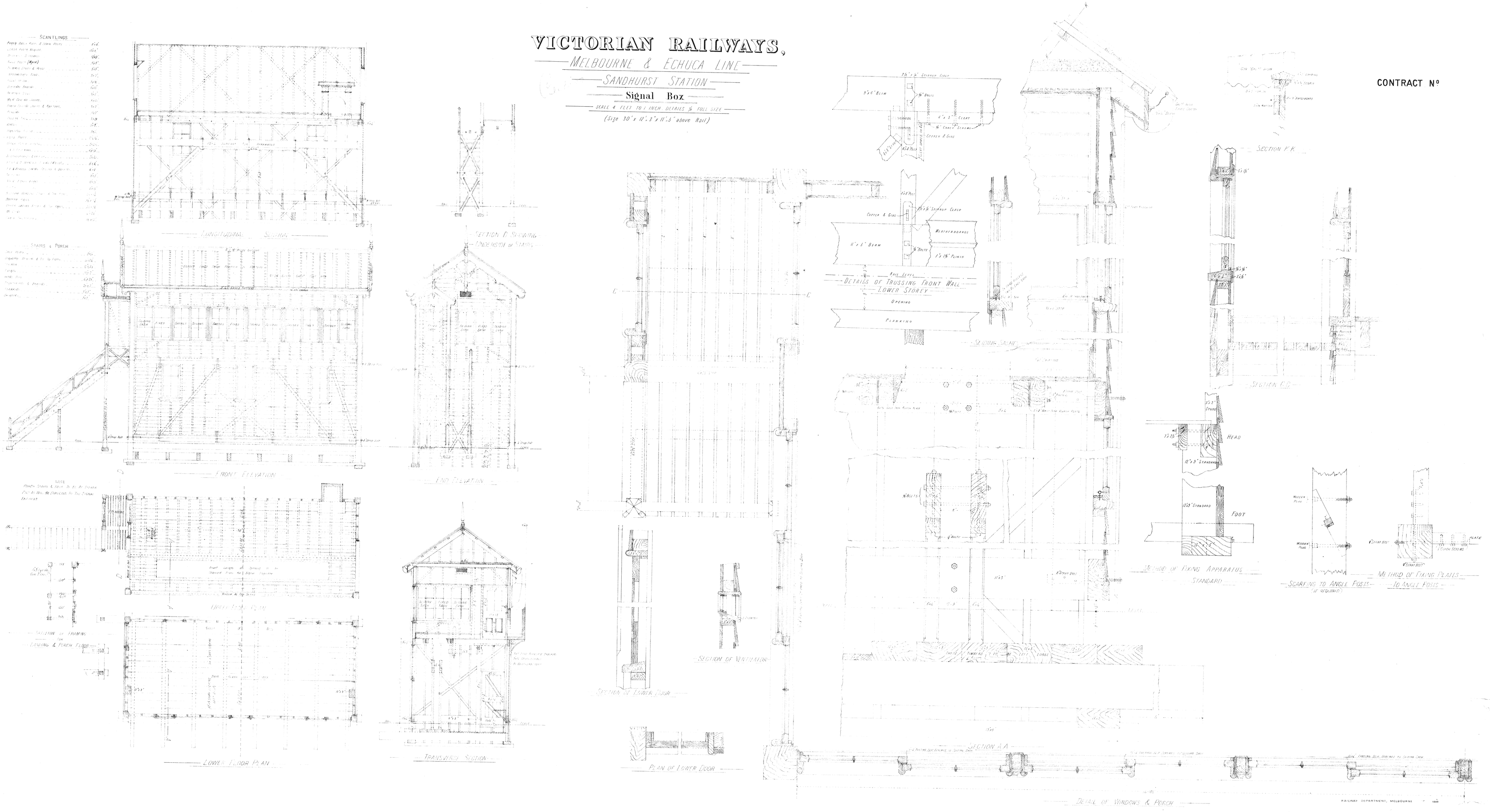
SANDHURST STATION

Signal Box

SCALE 4 FEET TO 1 INCH. DETAILS ½ FULL SIZE

(Size 30' x 12'.3" x 11'.5" above Rail)

CONTRACT Nº



FROM MELBOURNE

S.M's RESIDENCE

6" SAN. PIPE TO SEPTIC TANK

TENNIS COURT.

STATION BUILDING

OFFICE

PROPOSED SIGNAL BOX.

New position for V.G. Shed & Cyclo fencing

C.W.

LAMP ROOM

Gates (new position)

VERANDAH

Tunnel

PASSENGER PLATFORM

SIGNAL BOX.

GOODS SHED

LOBBY.

BOOKING & PARCELS OFFICE.

Remove wall and make good.

Form opening

New Fireplace

Telephones. New Position

BASEMENT.

PLATFORM.

VERANDAH

Verandah [illegible] approx 5'

TUNNEL UNDER.

GROUND FLOOR PLAN.

ROOF

OPERATING FLOOR. 30' x 14'

VERN Roof

SIGNAL BOX UPPER FLOOR.

V.R.

SERVICETON.

PROPOSED SIGNAL BOX AT STATION BUILDING.

scales. 40' and 8' = 1 inch.

Chief Civil Engineer

Work completed			Hautcliffe Chief Architect 18-11-1944	SB.2526	7/48 No.
Inventory AT.	Checked by L.E.M.	Corrected		15.35	702.68

2526

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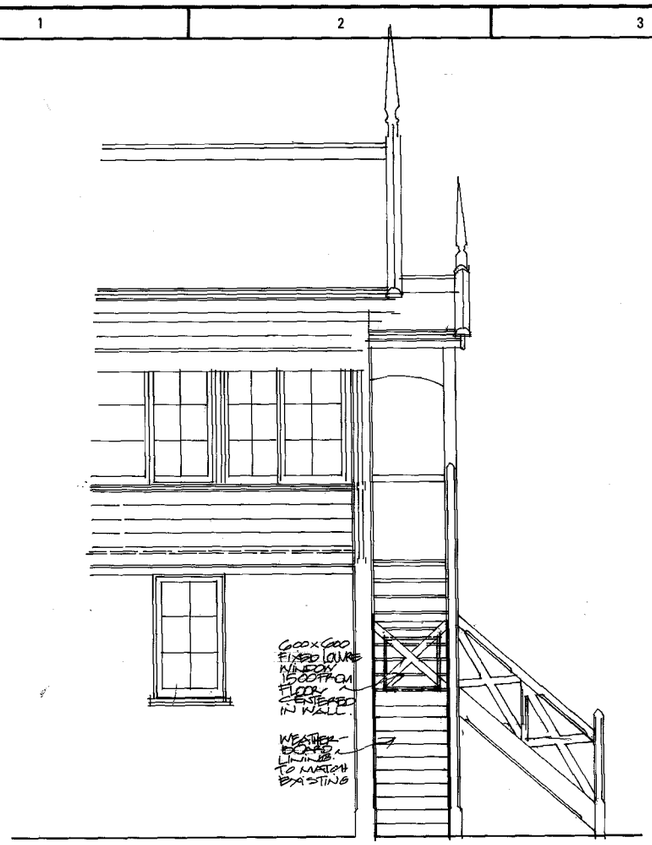
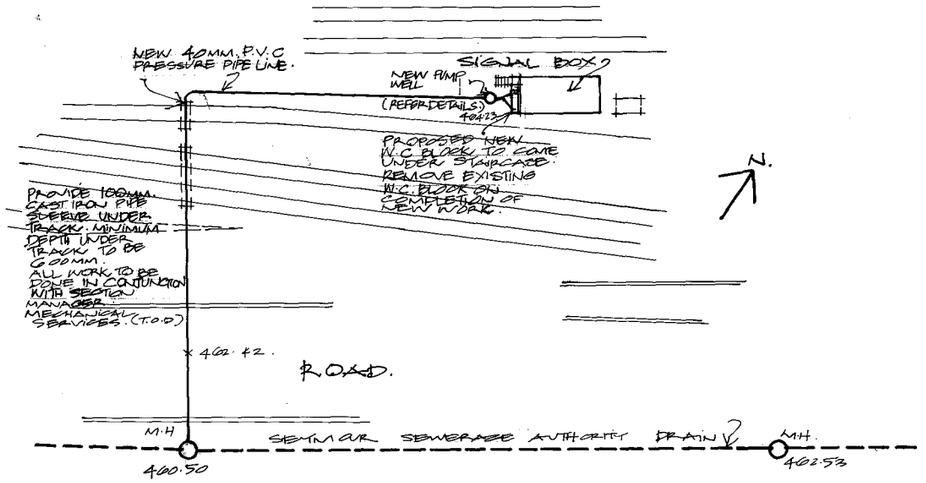
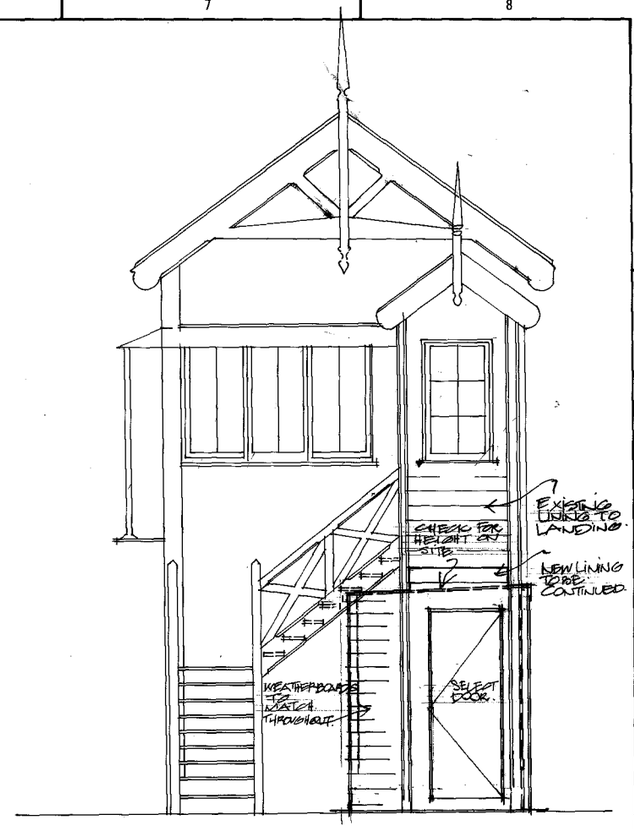


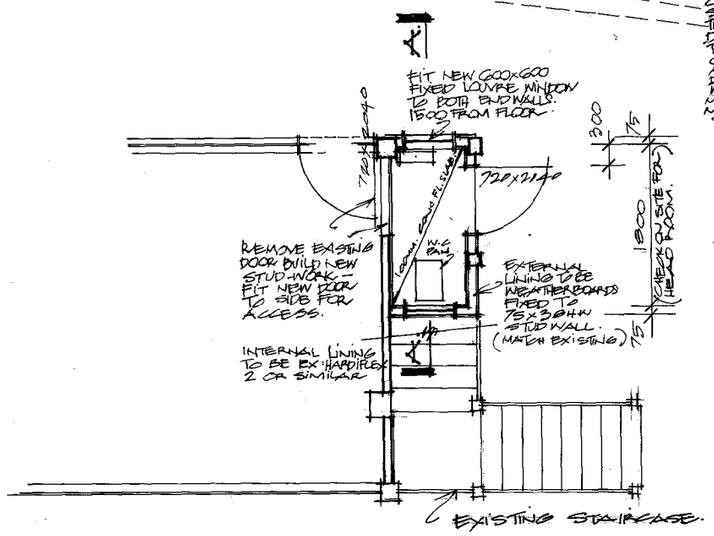
ELEVATION TO NORTH (REAR)
SCALE OF 1:48



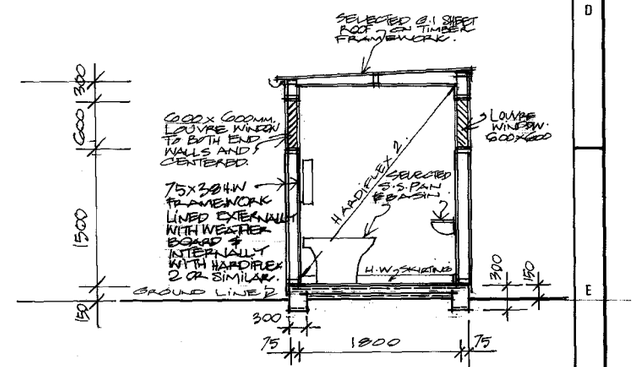
SITE & SEWERAGE PLAN.
SCALE OF 1:480



ELEVATION TO WEST.
SCALE 1:48.



FLOOR PLAN.
SCALE OF 1:48



SECTION A-A.
SCALE OF 1:48

0 50 100 150 mm.

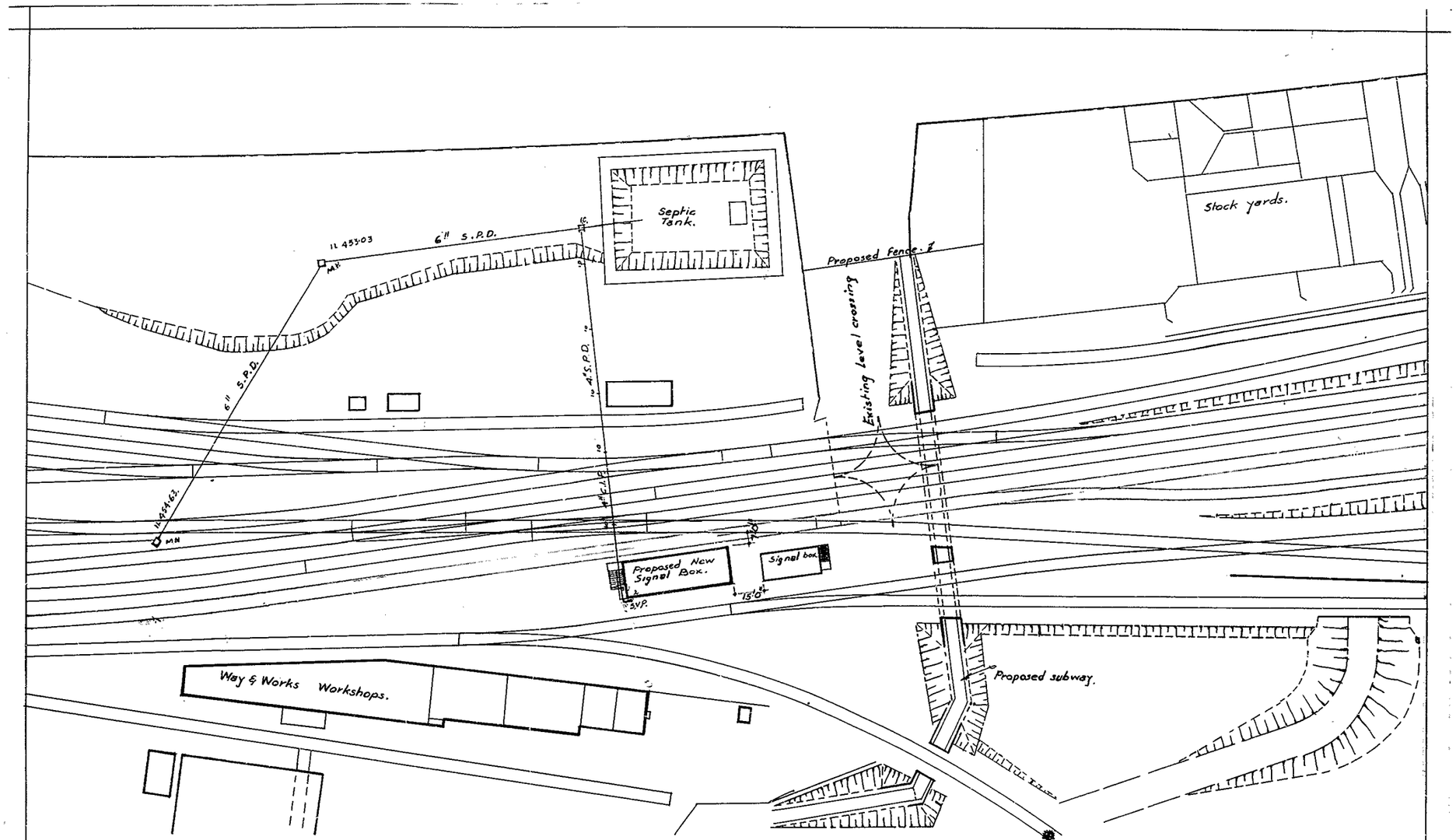
APPROVALS	REV'N	DATE	DESCRIPTION	REV'D BY	APP'D BY

DESIGNED — DRAWN
CHECKED — CORRES 1452/79.
SEMTO MANAGER (T.O.D)
ASST. CHIEF CIVIL ENGR., DESIGN

STATE TRANSPORT AUTHORITY
TRANSPORT OPERATIONS DIVISION
SEYMOUR.
PROPOSED NEW TOILET BLOCK AT 'A' BOX
WORKING DRAWING.

3.2.84
CHIEF CIVIL ENGINEER
DATE JAN '84
SCALE AS SHOWN.
INDEX TB 3012
A2 DRAWING NO. 82/84 REV'N

2686 2686



NOTES!
Existing drains shown green.
Proposed drains shown blue.

LIST OF FIXTURES.
1. W.C. External proposed.
2. 4'0" S.S. Sink proposed.

V.R

SEYMOUR.

PROPOSED NEW SIGNAL BOX. (SITE & SEWERAGE PLAN)

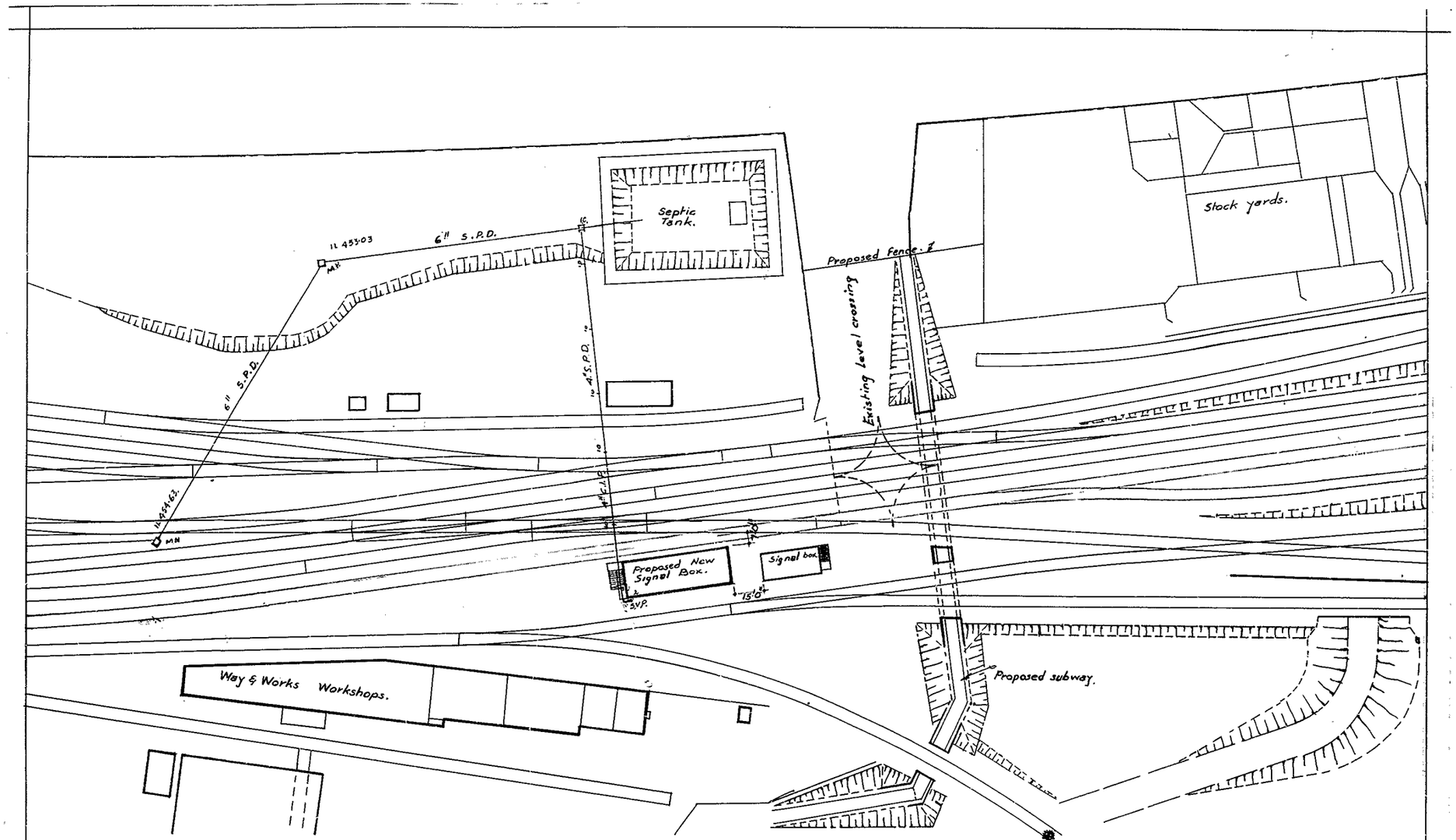
T.C.N. R 17.5.61
Chief Civil Engineer

Scale 40'0" to 1"

Revision	Date	Amendment	Amended by	Drawn	Traced	Checked	Corres.	
'A'	28.6.61	Alterations to sewerage.	R.A.S.	R.A.S.		W.B.		Senior Architect

S.2686. D.56 PLANN° 451·61

2686 2686



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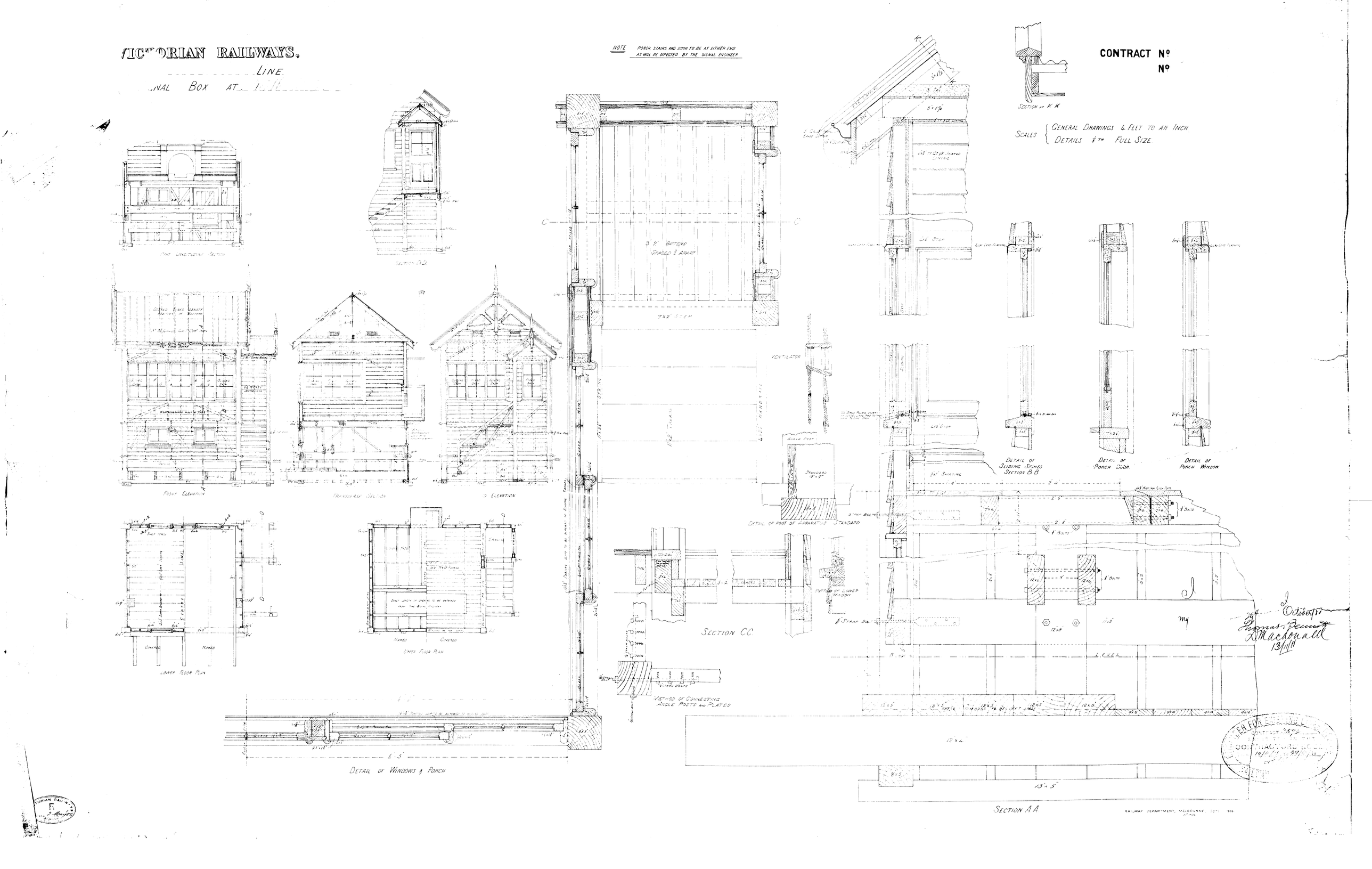
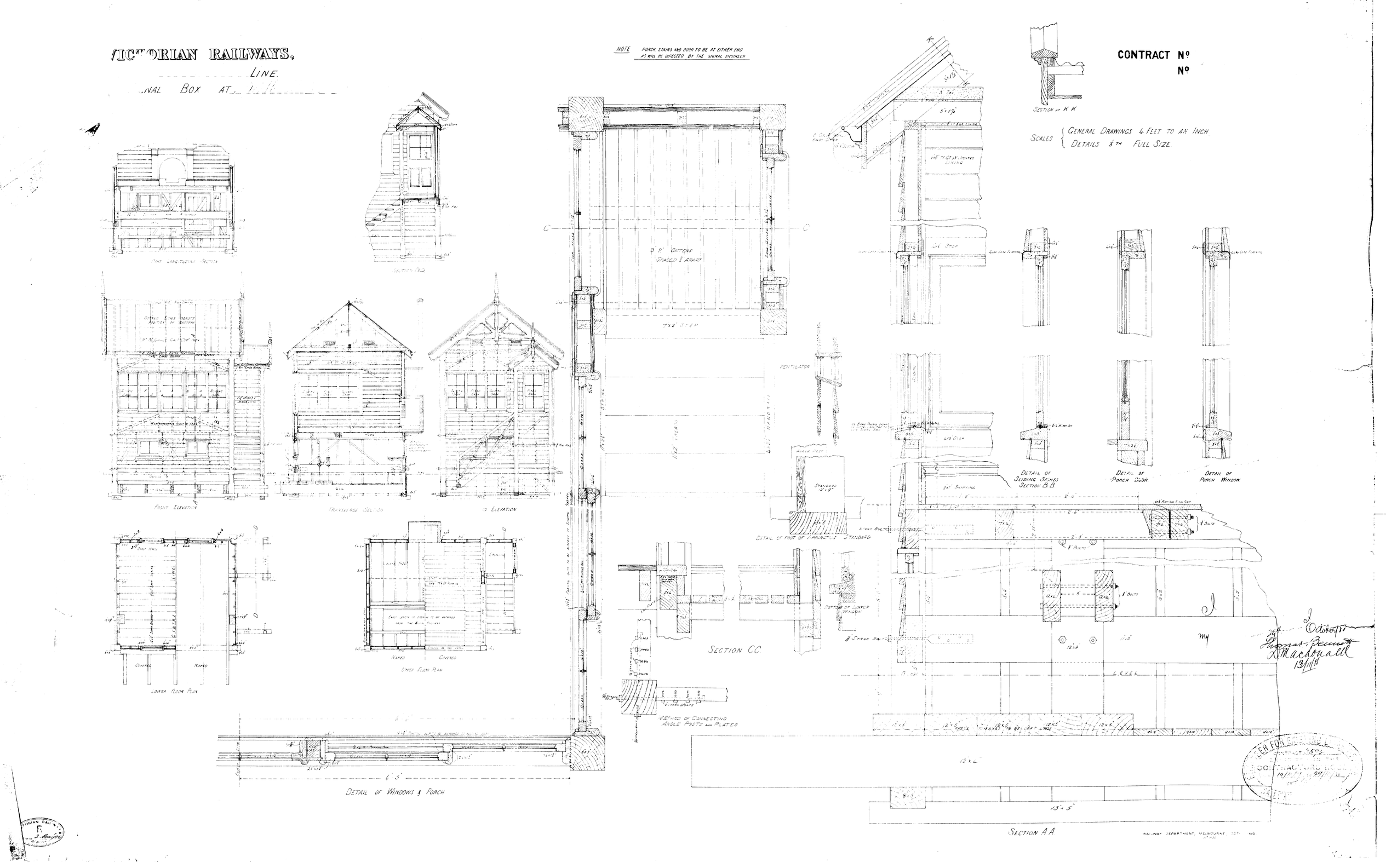
S.2686. D.56 PLANN° 451·61


VICTORIAN RAILWAYS.
LINE
NAL BOX AT
NOTE PORCH, STAIRS AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER
CONTRACT No
No
SECTION AT K K
SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH
DETAILS 1/8TH FULL SIZE
PART LONGITUDINAL SECTION
SECTION D.D.
FRONT ELEVATION
TRANSVERSE SECTION
ELEVATION
LOWER FLOOR PLAN
UPPER FLOOR PLAN
DETAIL OF WINDOWS & PORCH
3' 2" BATTENS SPACED 3" APART
7"x2" STEP
VENTILATOR
DETAIL OF FOOT OF APPARATUS STANDARD
SECTION CC
METHOD OF CONNECTING ANGLE POSTS AND PLATES
DETAIL OF SLIDING SASHES SECTION B.B.
DETAIL OF PORCH DOOR
DETAIL OF PORCH WINDOW
SECTION AA
LEVEL
RAILWAY DEPARTMENT, MELBOURNE
Thomas Bennett
L. Macdonald
13/11/81


VICTORIAN RAILWAYS.
LINE
NAL BOX AT
NOTE PORCH, STAIRS AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER
CONTRACT No
No
SECTION AT K K
SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH
DETAILS 1/8TH FULL SIZE
PART LONGITUDINAL SECTION
SECTION D.D.
FRONT ELEVATION
TRANSVERSE SECTION
ELEVATION
LOWER FLOOR PLAN
UPPER FLOOR PLAN
COVERED
NAKED
DETAIL OF WINDOWS & PORCH
3' 2" BATTENS SPACED 3" APART
7"x2" STEP
VENTILATOR
DETAIL OF FOOT OF APPARATUS STANDARD
SECTION CC
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DETAIL OF PORCH WINDOW
LEVEL
SECTION AA
RAILWAY DEPARTMENT, MELBOURNE
Thomas Bennett
L. Macdonald
13/11/88

23932
NEW SERIES
DEC 4 6 40
B. 7. 2.

VICTORIAN RAILWAYS,

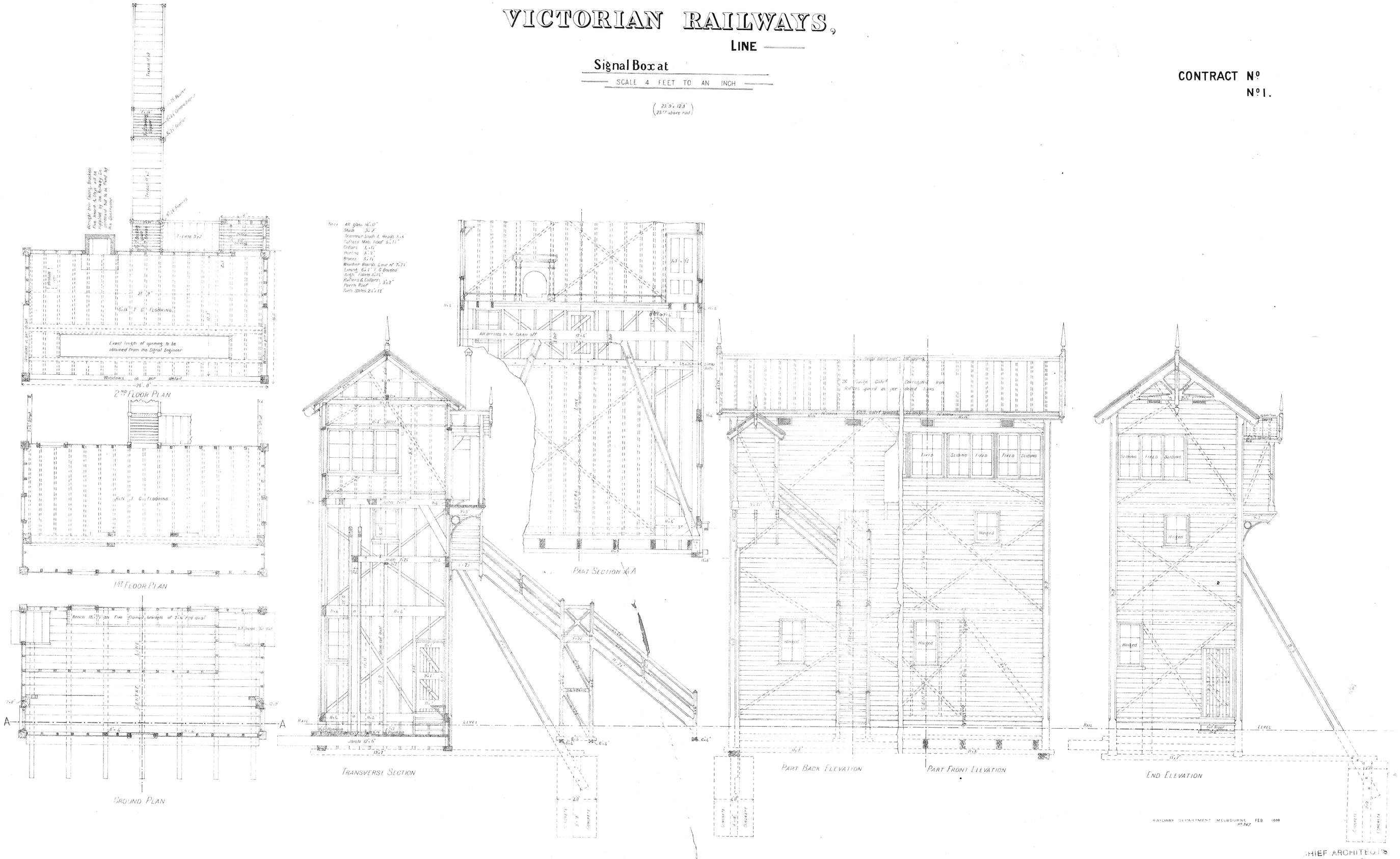
LINE

Signal Box at

SCALE 4 FEET TO AN INCH

(23' 9" x 12' 3"
23" above rail)

CONTRACT No
No 1.



RAILWAY DEPARTMENT MELBOURNE FEB 1888
No 347

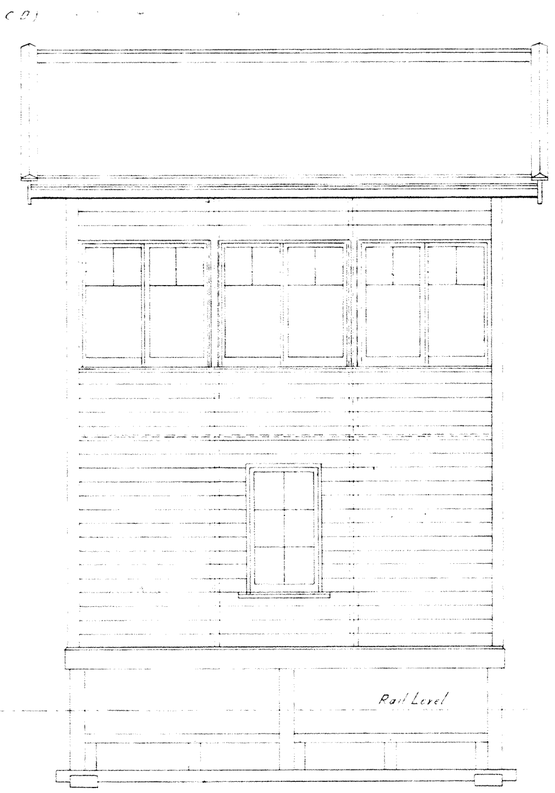
CHIEF ARCHITECT'S
OFFICE COPY

B. 29.
A. 64.

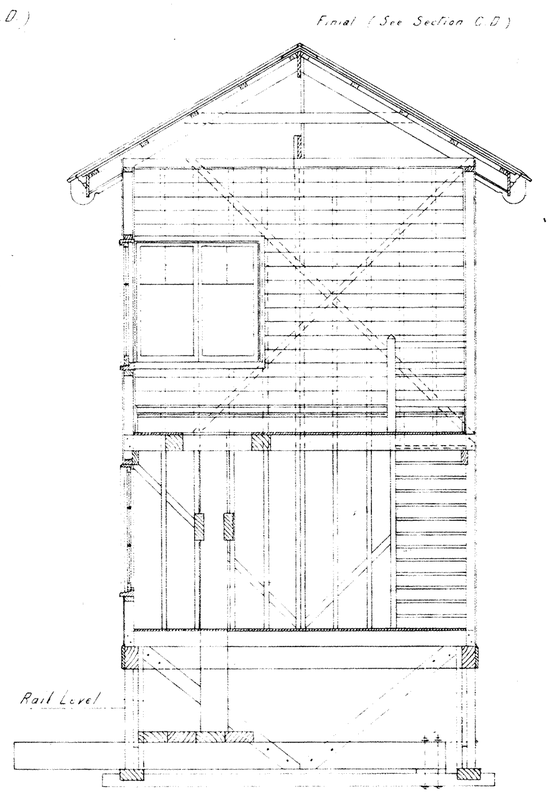
24045
4 6 10
K. S. 3.

SIGNAL BOX FOR 25 LEVER MACHINE. FLOOR 10 Ft ABOVE RAIL.

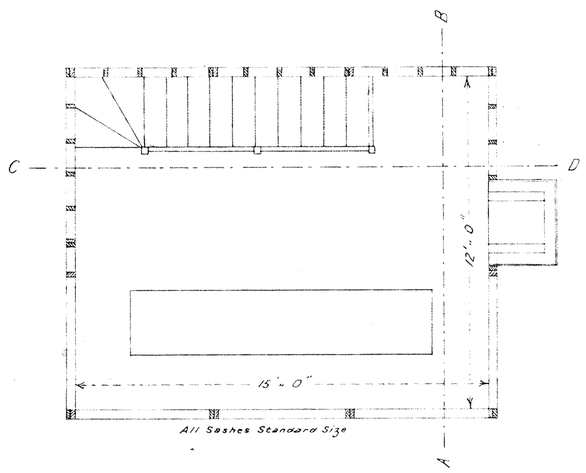
Scale 4 Ft to an Inch.



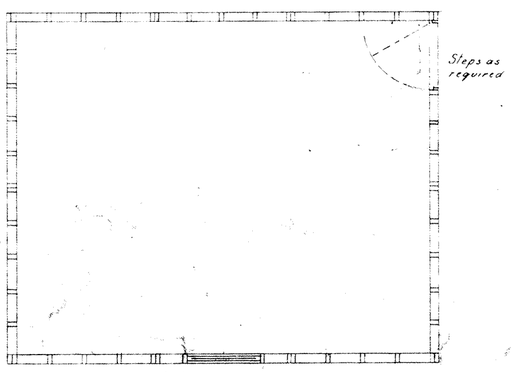
ELEVATION.



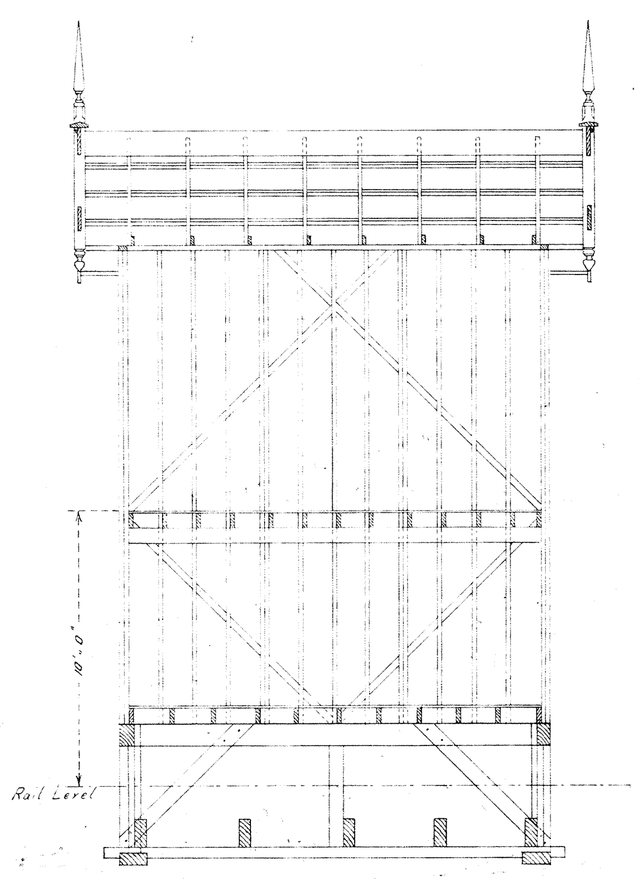
SECTION A-B



FIRST FLOOR PLAN



GROUND PLAN



LONGITUDINAL SECTION C-D

(Lining, Stairs and Fittings not shown)

B 86
B 65

1566-11

23931
8.7.2.

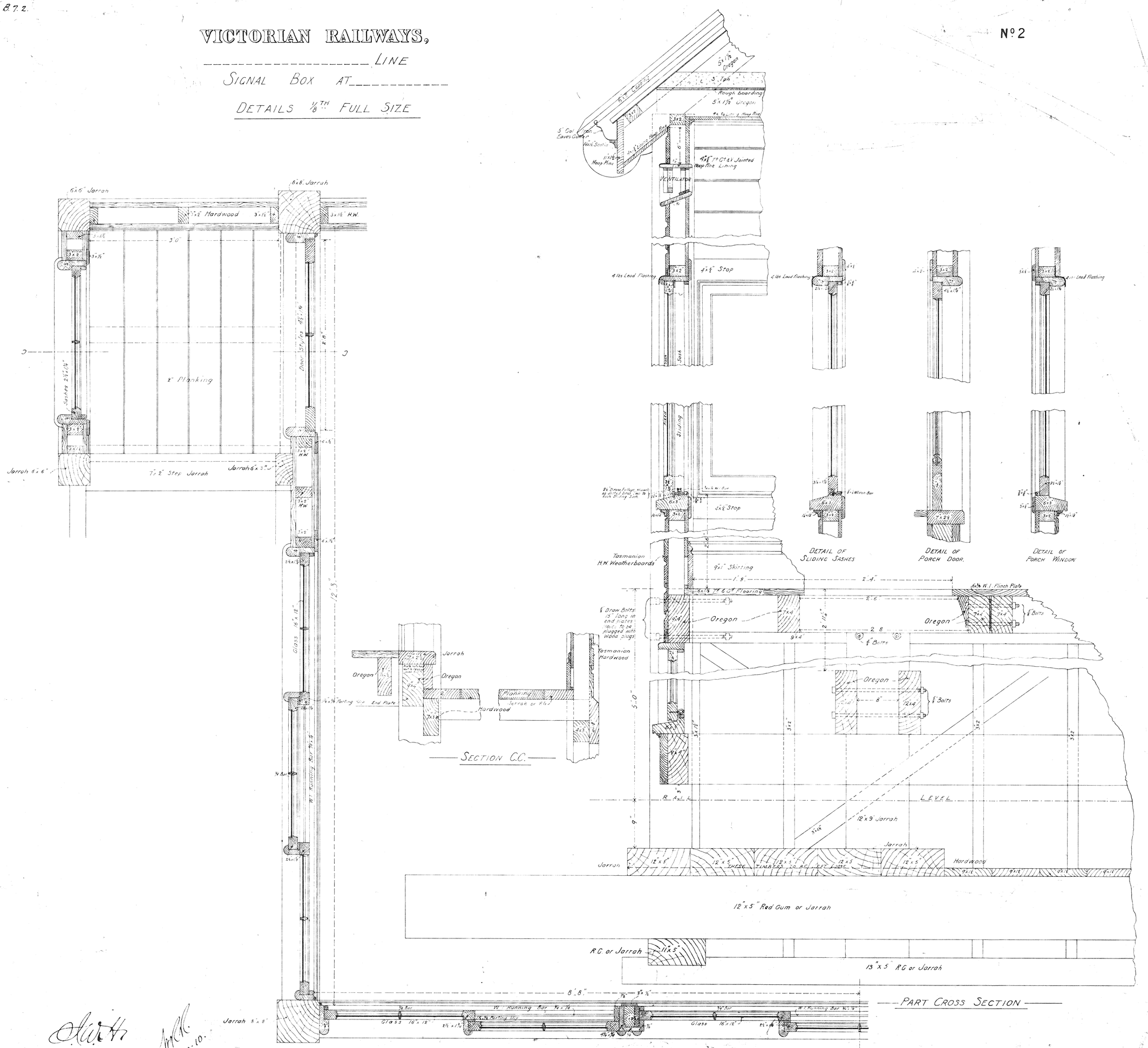
VICTORIAN RAILWAYS,

_____ LINE

SIGNAL BOX AT _____

DETAILS 1/8TH FULL SIZE

No 2



18.10.10

18-10-10.

B 57
A 64

3019-10

11
23C
(583)

VICTORIAN RAILWAYS.

Goburg'n Souerton LINE

SIGNAL BOX AT the Souerton Junction

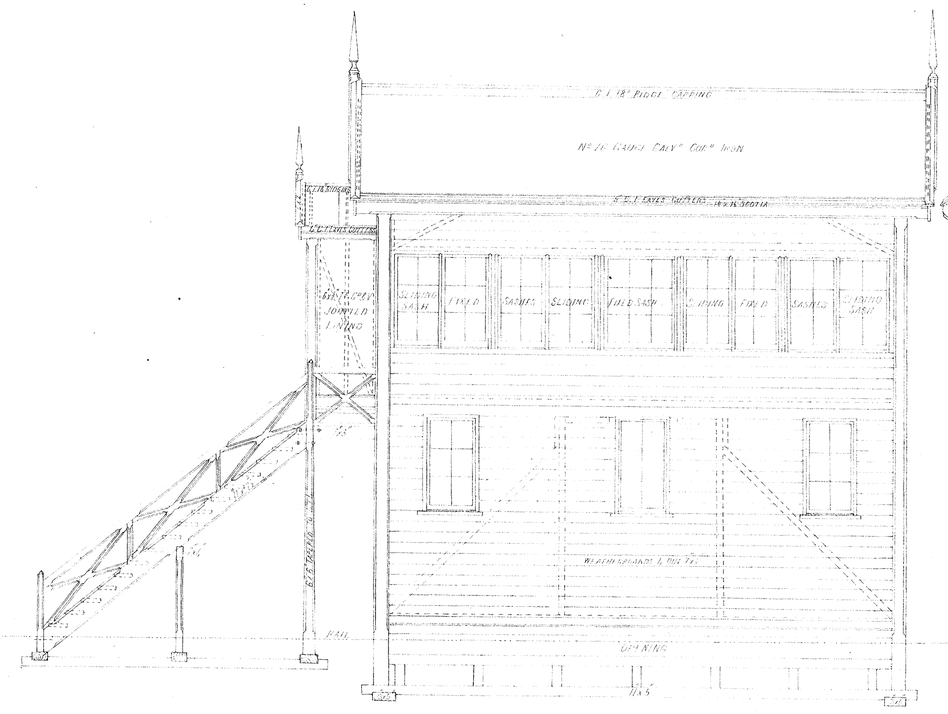
SCALE 4 FEET TO AN INCH

(24'-1" x 12'-3" 11'-5 ABOVE RAIL)

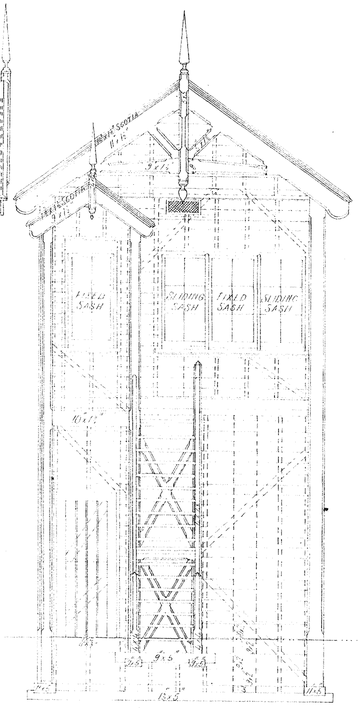
CONTRACT Nº 3453

Nº 1

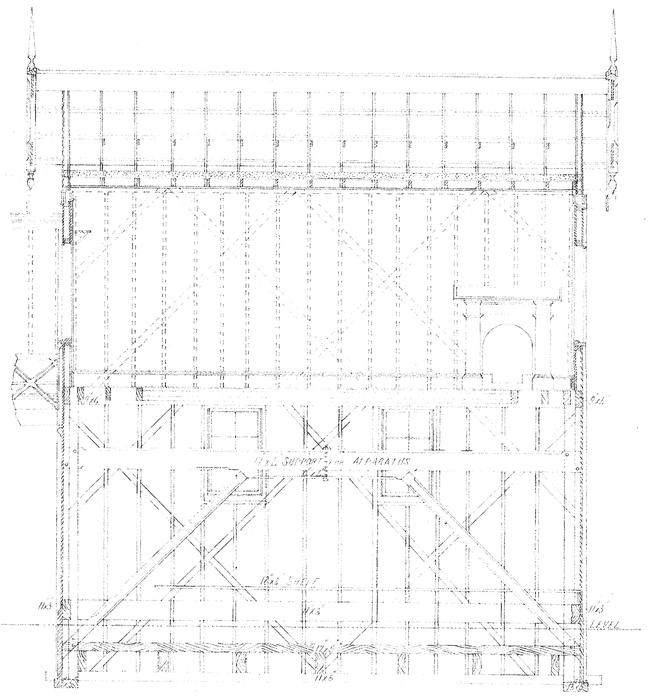
LITHO Nº OF Nº 2 DRAWING 1734



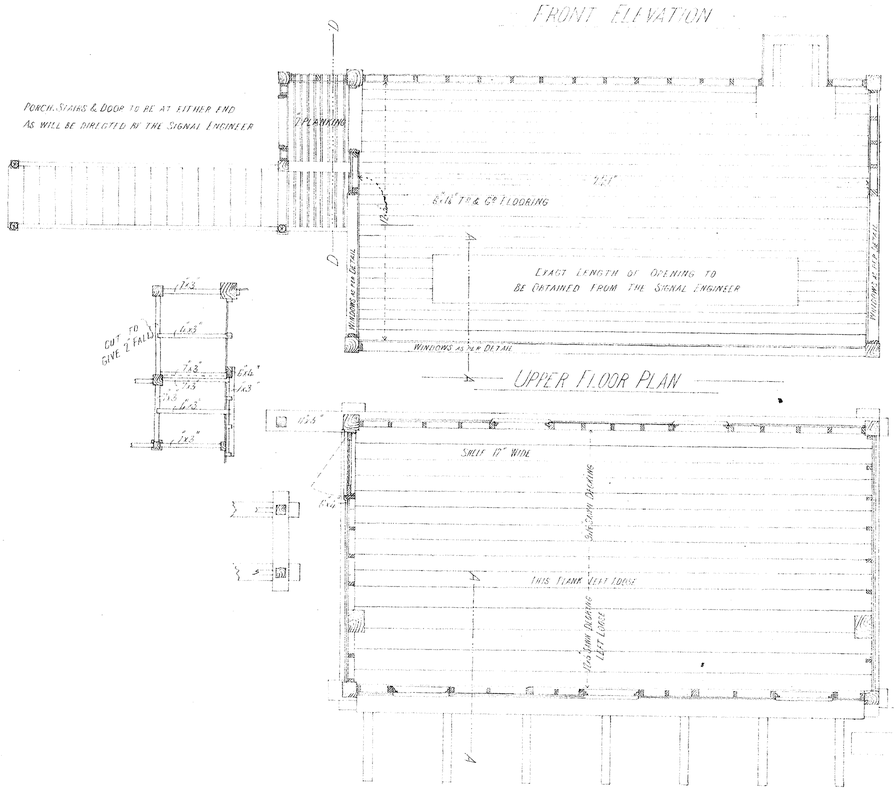
FRONT ELEVATION



END ELEVATION

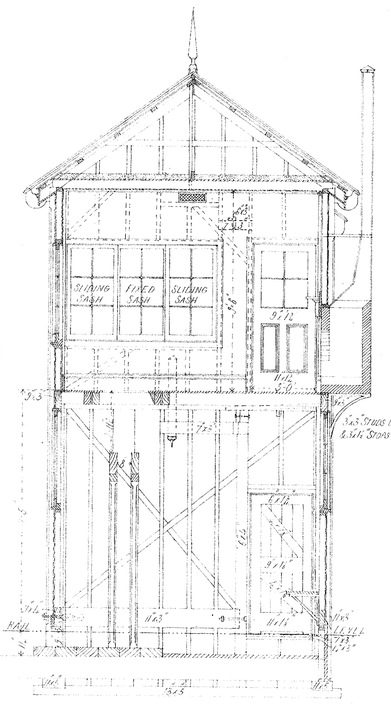


LONGITUDINAL SECTION



UPPER FLOOR PLAN

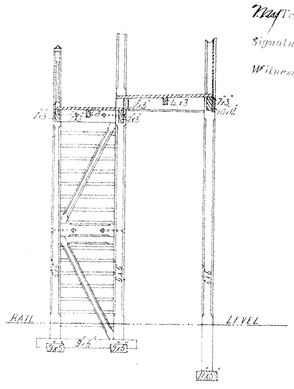
LOWER FLOOR PLAN



TRANSVERSE SECTION

SCANTLINGS

LOWER FLOOR JOISTS	11x3
APPARATUS STANDARDS	6"x6"
ANGLE POSTS	6x3"
PORCH POSTS	6x6"
TRIMMER STUDS & HEADS	5x3"
INTERMEDIATE STUDS	5x3"
PALLET STUDS	3x1½"
DIAGONAL BRACING	3x1½"
TRANSOM FRONT LOWER WALL	4x4"
TRIMMER SILLS	5x3"
MAIN CEILING JOISTS & RAFTERS	5x1½"
COLLAR TIES	3x1½"
BINDER	5x3"
HANGING PIECES	3x1½"
RIDGE PIECES	11x1½"
PORCH CEILING JOISTS & RAFTERS	3x3"
PURLINS	3x3"
UPPER FLOOR JOISTS	7x3"
T & G FLOORING	6x1½"
WEATHERBOARDS 6 OUT OF	7x1½"
T & G'D & V JOINTED LINING (WALLS)	6x1"
T & GD BEADED LINING CEILING & SOFFITS	6x1"
MAIN EAVES BOARD	11x1½"
PORCH "	6x1½"
SKIRTING MAIN	9x1"
SKIRTING PORCH	7x1"
SASH STILES & TOP RAILS	2½x1½"
SASH BOTTOM RAILS LOWER & SLIDING SASHES	3½x1½"
" " FIXED SASHES	6½x1½"
MUNTINS	2½x1"
GLASS THROUGHOUT	16x12"
STAIRS — SOLE PLATES	9x3"
STAIRS & PORCH PLANKING & APRON	3x1"
STAIR POSTS	6x6"
STAIR — (ONE CUT TAPER OUT OF)	6x6"
BRACING	4x2"
STAIR STRINGS	11x2½"
STAIR TREADS	11x2"
STAIR HANDRAIL	4x2½"
STAIR STANCHEONS & BRACING	3x2"



SECTION D SHOWING UNDERSIDE of STAIRS

I .....accept this as one of the Drawings referred to in the Specification and Conditions upon which ..I.....based May Tender. Dated the 23rd day of July 88.

Signature of Contractor ..D.M.Smith.....

Witness to Signature ..D.Macdonald.....

Date ..26.7.88.....

ENGINEER IN CHIEF'S OFFICE
CONTRACT No. 3453
EXHIBITED IN THE CONTRACTORS' ROOM
From 19/7/88 To 28/7/88
BY
RAILWAY DEPARTMENT

RAILWAY DEPARTMENT, MELBOURNE; JULY 1888
Nº 1233

PLAN ROOM

VICTORIAN RAILWAYS
Date 27.3.12

VICTORIAN RAILWAYS.

Coburg & Somerton LINE

SIGNAL BOX AT *at the Somerton Junction*

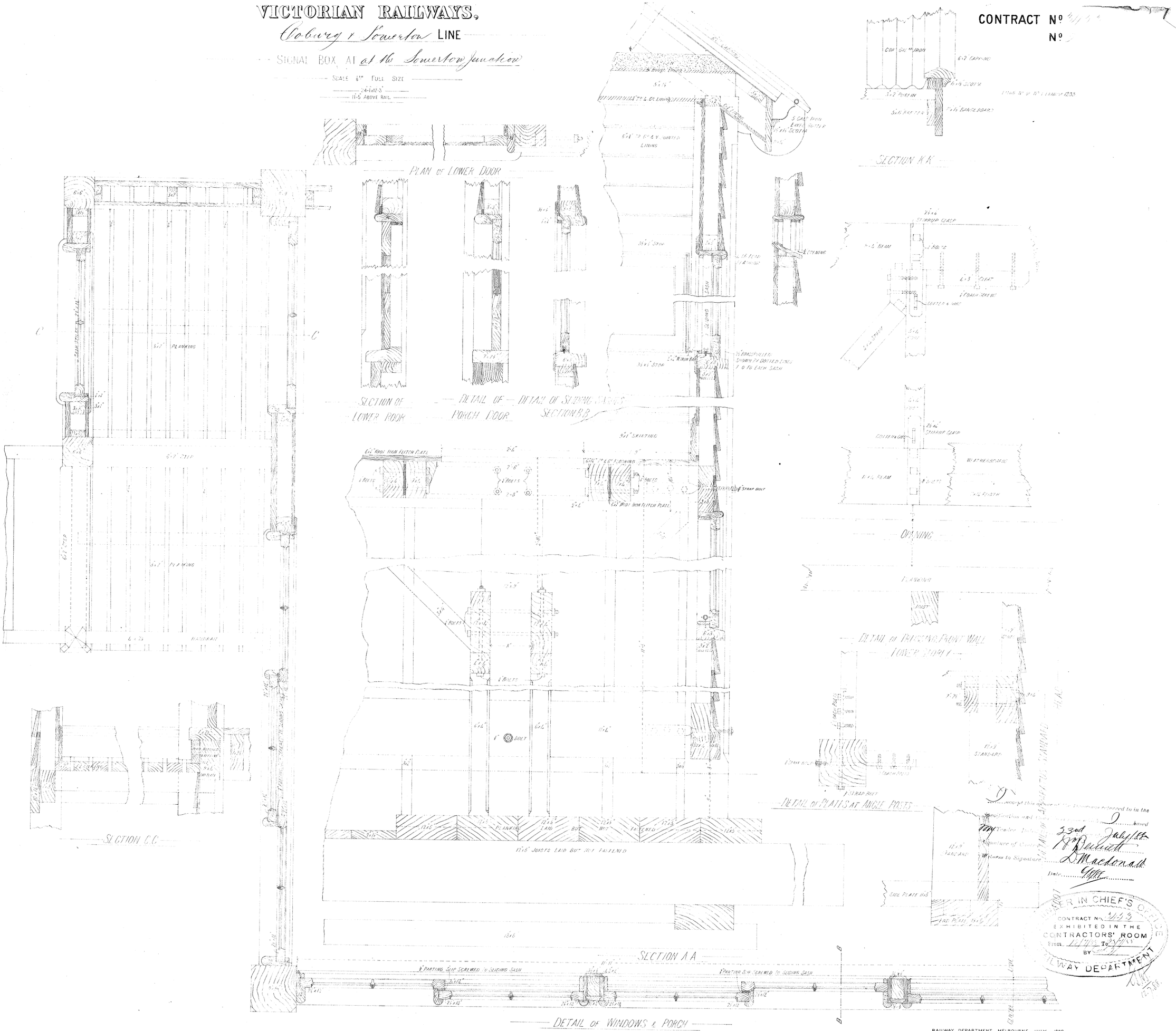
SCALE 8" FULL SIZE

24-1"x12-3"

11-5 ABOVE RAIL

CONTRACT No. [illegible]

No. [illegible]



Accept this advice of the Decisions referred to in the Specification and Conditions [illegible] based

Tender Dated 23rd July/88

Signature of Contractor [illegible]

Witness to Signature D. Macdonald

Date [illegible]

ENGINEER IN CHIEF'S OFFICE
CONTRACT No. [illegible]
EXHIBITED IN THE CONTRACTORS' ROOM
From [illegible] To [illegible]
BY [illegible]
RAILWAY DEPARTMENT

RAILWAY DEPARTMENT, MELBOURNE JULY 1888

11
23C
(583)

VICTORIAN RAILWAYS.

Goburg'n Souerton LINE

SIGNAL BOX AT the Souerton Junction

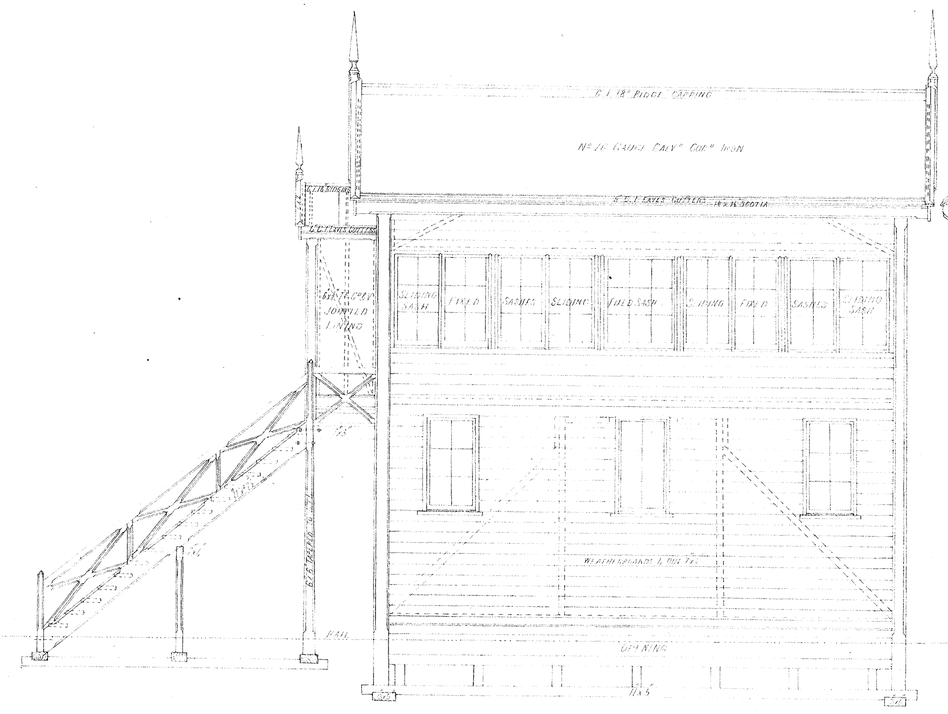
SCALE 4 FEET TO AN INCH

(24'-1" x 12'-3" 11'-5 ABOVE RAIL)

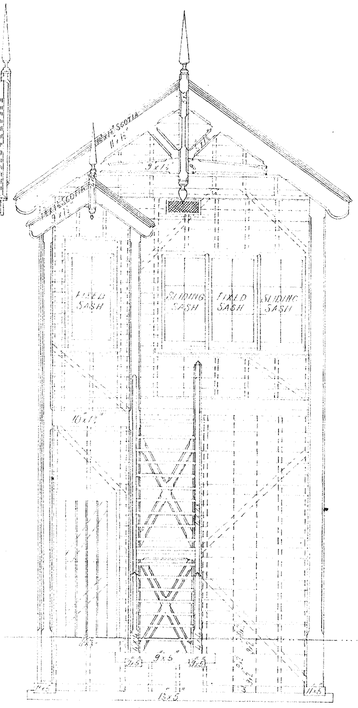
CONTRACT Nº 3453

Nº 1

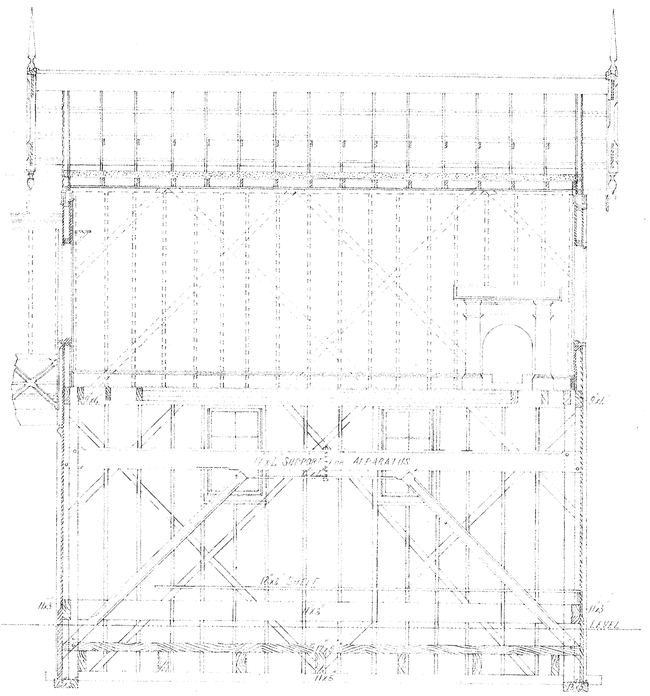
LITHO Nº OF Nº 2 DRAWING 1734



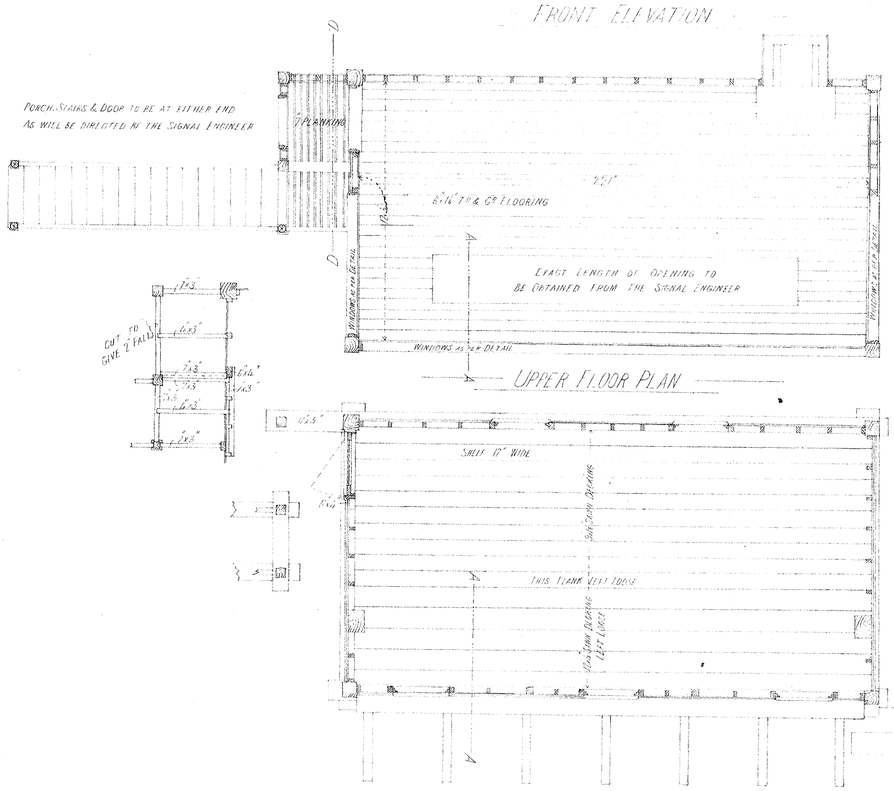
FRONT ELEVATION



END ELEVATION

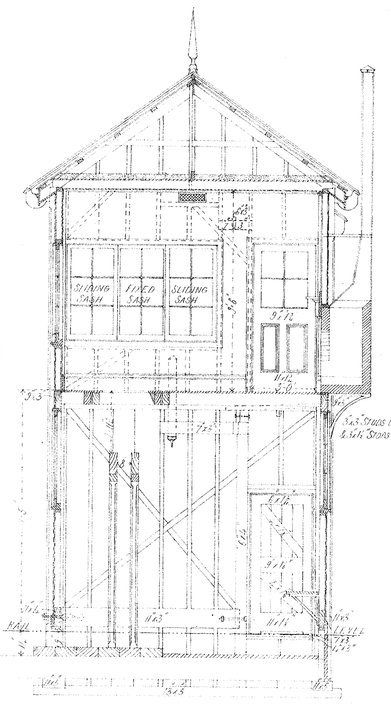


LONGITUDINAL SECTION



UPPER FLOOR PLAN

LOWER FLOOR PLAN



TRANSVERSE SECTION

SCANTLINGS

LOWER FLOOR JOISTS	11x3
APPARATUS STANDARDS	6"x6"
ANGLE POSTS	6x3"
PORCH POSTS	6x6"
TRIMMER STUDS & HEADS	5x3"
INTERMEDIATE STUDS	5x3"
PALLET STUDS	3x1½"
DIAGONAL BRACING	3x1½"
TRANSOM FRONT LOWER WALL	4x4"
TRIMMER SILLS	5x3"
MAIN CEILING JOISTS & RAFTERS	5x1½"
COLLAR TIES	3x1½"
BINDER	5x3"
HANGING PIECES	3x1½"
RIDGE PIECES	11x1½"
PORCH CEILING JOISTS & RAFTERS	3x3"
PURLINS	3x3"
UPPER FLOOR JOISTS	7x3"
T & G FLOORING	6x1½"
WEATHERBOARDS 6 OUT OF	7x1½"
T & G'D & V JOINTED LINING (WALLS)	6x1"
T & GD BEADED LINING CEILING & SOFFITS	6x1"
MAIN EAVES BOARD	11x1½"
PORCH "	6x1½"
SKIRTING MAIN	9x1"
SKIRTING PORCH	7x1"
SASH STILES & TOP RAILS	2½x1½"
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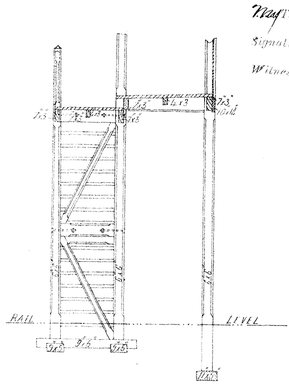

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PLAN ROOM

VICTORIAN RAILWAYS
Date 27.3.12

VICTORIAN RAILWAYS.

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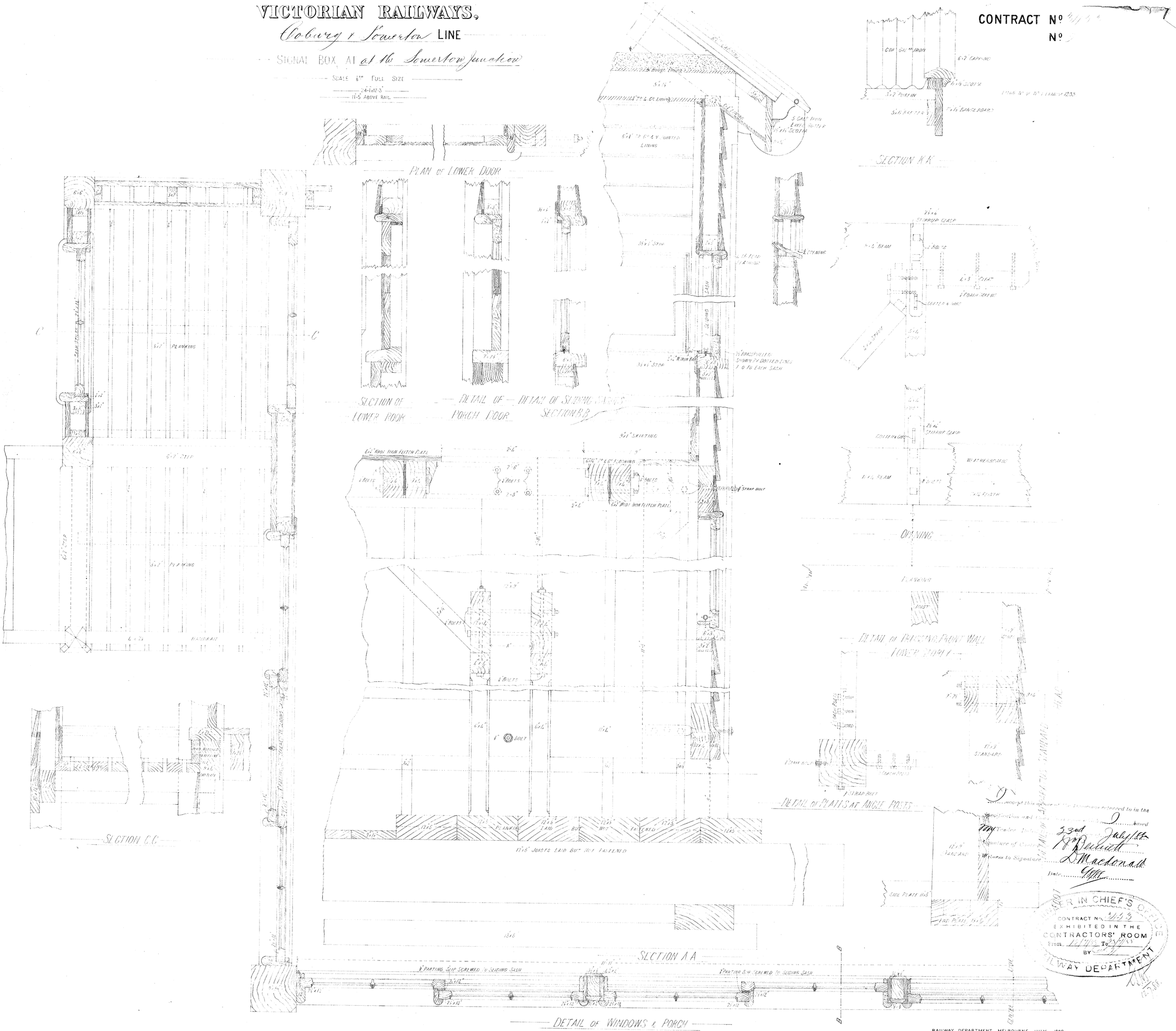
SCALE 8" FULL SIZE

24-1"x12-3"

11-5 ABOVE RAIL

CONTRACT No. [illegible]

No. [illegible]



Accept this advice of the Decisions referred to in the Specification and Conditions [illegible] based

Tender Dated 23rd July/88

Signature of Contractor [illegible]

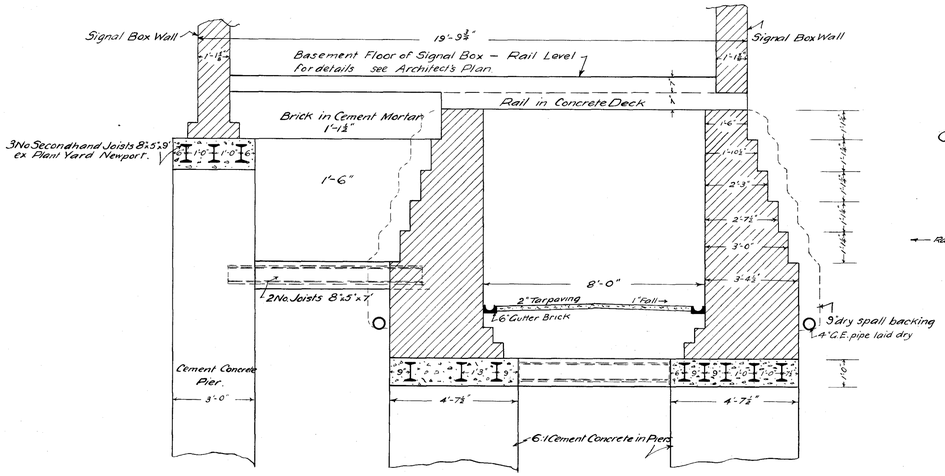
Witness to Signature D. Macdonald

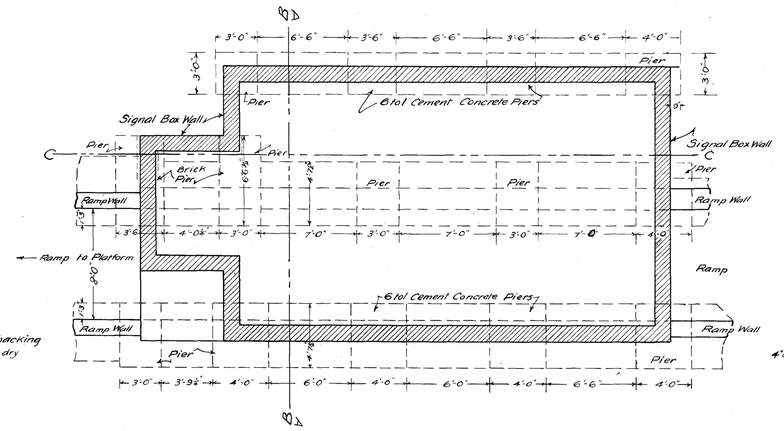
Date [illegible]

ENGINEER IN CHIEF'S OFFICE
CONTRACT No. [illegible]
EXHIBITED IN THE CONTRACTORS' ROOM
From [illegible] To [illegible]
BY [illegible]
RAILWAY DEPARTMENT

RAILWAY DEPARTMENT, MELBOURNE JULY 1888

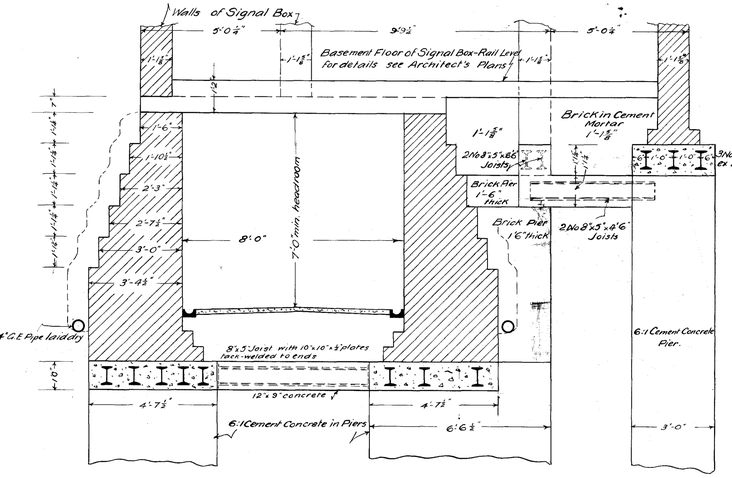
26869
8-13-2





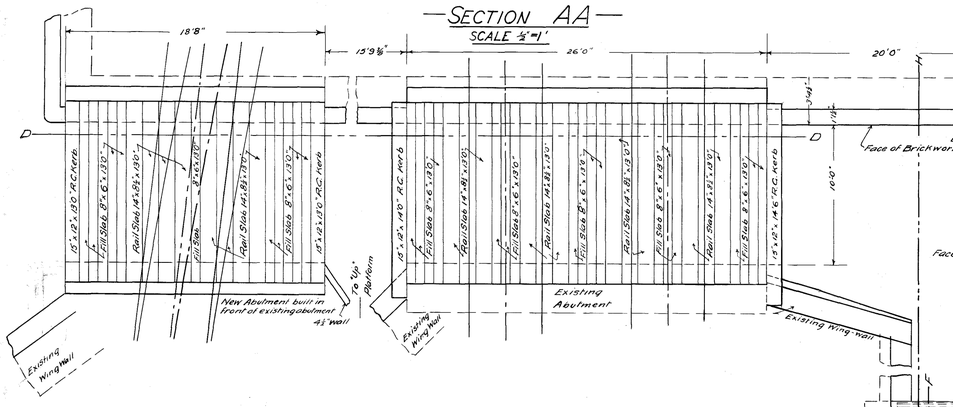
PLAN OF SIGNAL BOX FOUNDATIONS.

SCALE 1/8"=1'



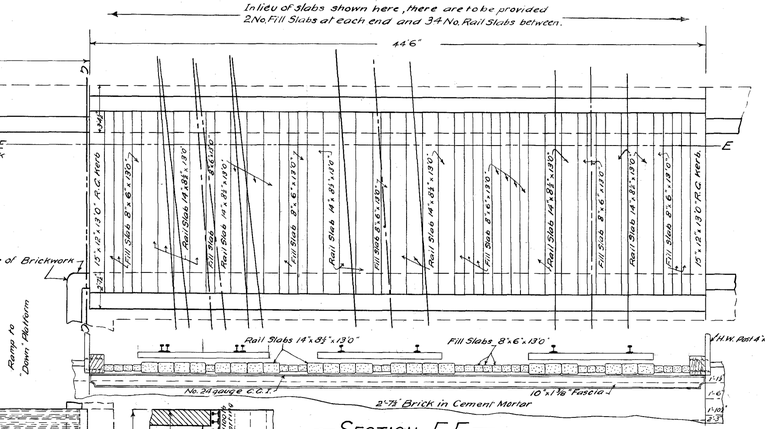
SECTION BB

SCALE ½"=1'



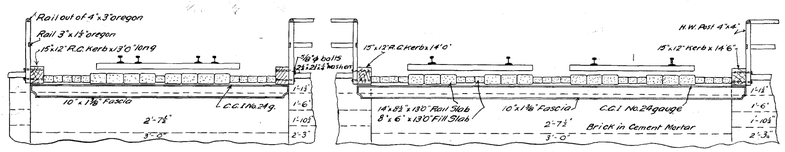
SECTION AA

SCALE ½"=1'



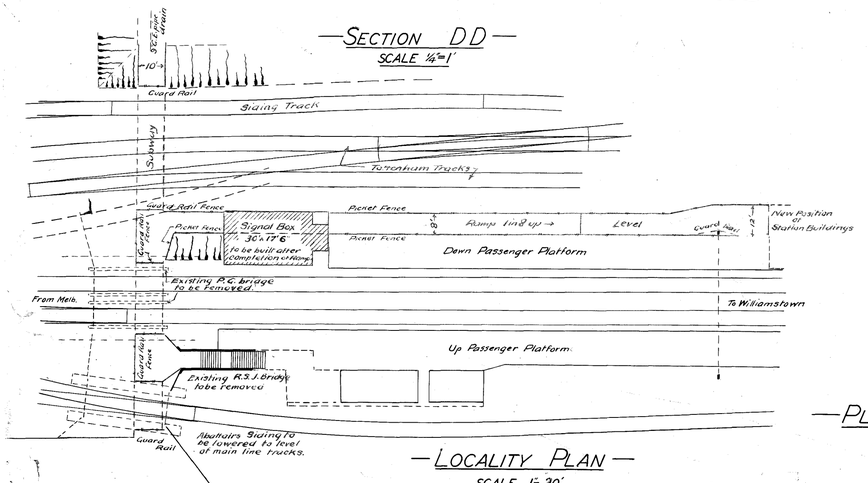
SECTION EE

SCALE ½"=1'



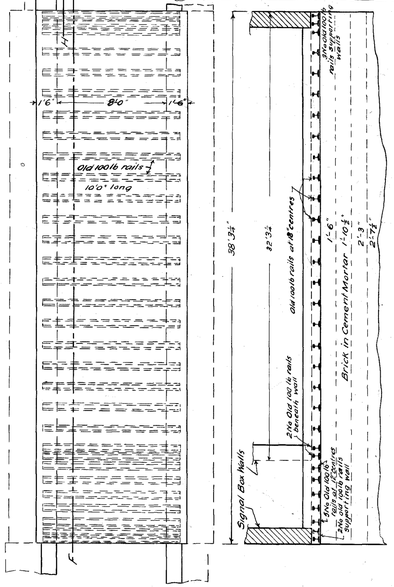
SECTION DD

SCALE ½"=1'



LOCALITY PLAN

SCALE 1"=20'

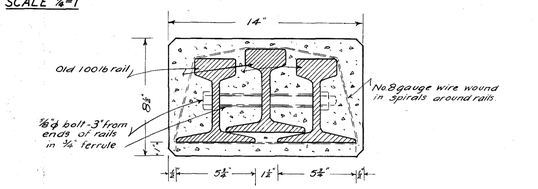


PLAN OF SUPERSTRUCTURE

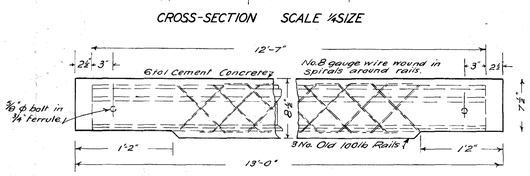
SCALE ½"=1'

SECTION FF

SCALE ½"=1'

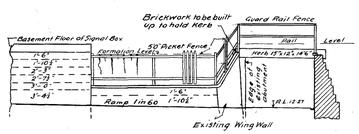


CROSS-SECTION SCALE ¼SIZE



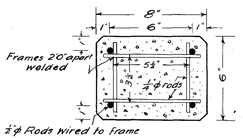
SIDE ELEVATION SCALE 1½"=1'

DETAIL OF RAIL SLAB



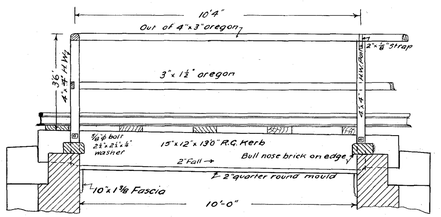
SECTION HH

SCALE ⅛"=1'



DETAIL OF FILL SLAB

SCALE 3"=1'



CROSS-SECTION GG

SCALE ½"=1'

NOTES –

Foundation Piers to be taken down to clay.
For details of Signal Box see
For details of Substructure see B.P. 518.27
For details of drainage cesses, etc., see B.P. 2670.26.

V. R.

SOUTH KENSINGTON SUBWAY

DETAILS OF SIGNAL BOX FOUNDATIONS. AND SUPERSTRUCTURE

T. H. Ballard for plan 12-7-27 27-11-124

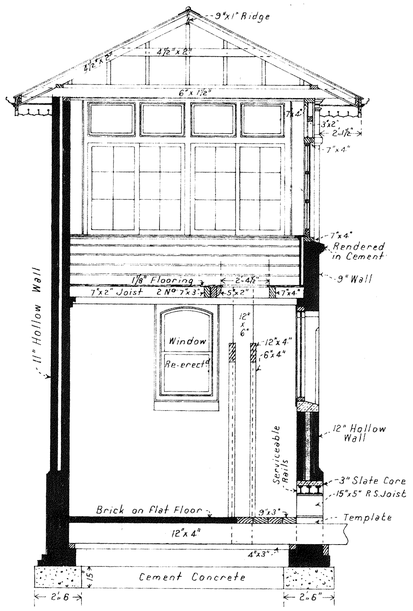
CHIEF ENGINEER OF WAY & WORKS

DRAWN BY	CHECKED BY	CORRES. NO.	STRUCTURE ENGR.	DRAWER NO.	PLAN NO.
L.T.R.		8222/26		19	634-27.

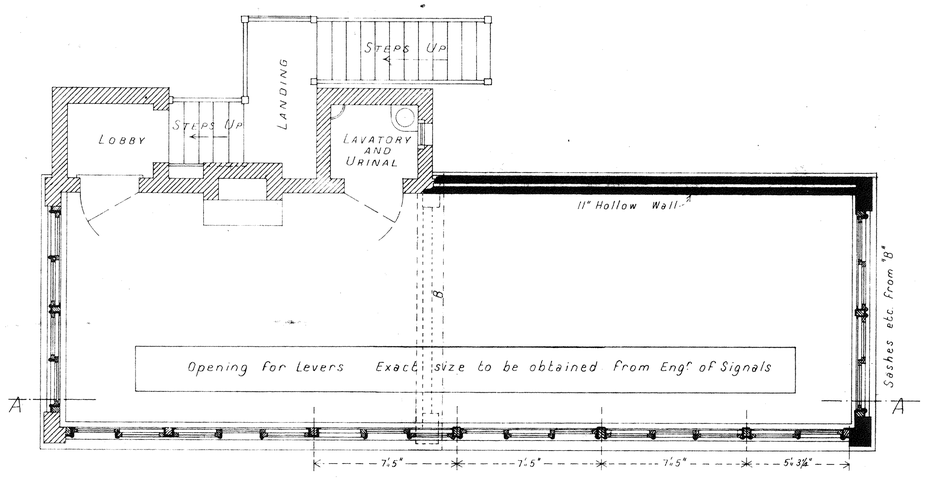
27-11-124

—V.R.—
—SOUTH KENSINGTON.—
—Extension of Signal Box.—
—Scale 4 Ft. = One Inch.—

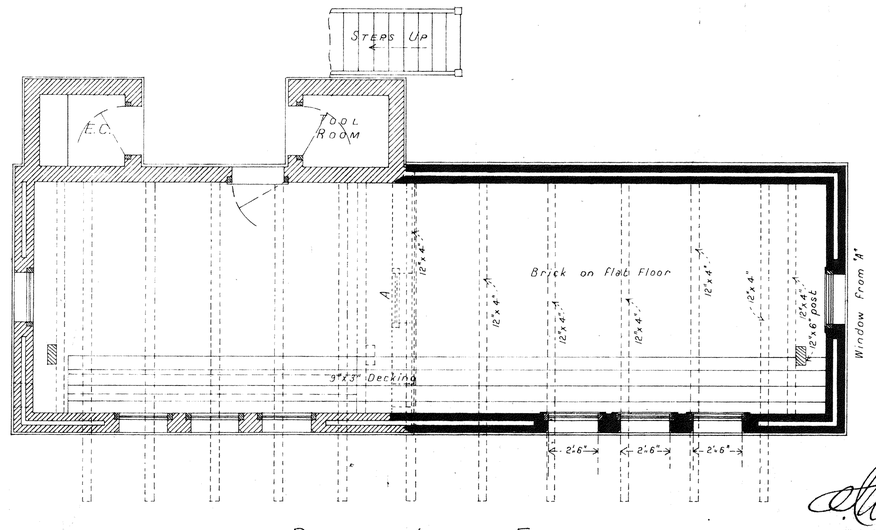
L.E.M. 13.6.11 W.W. 6766/11



— CROSS SECTION —

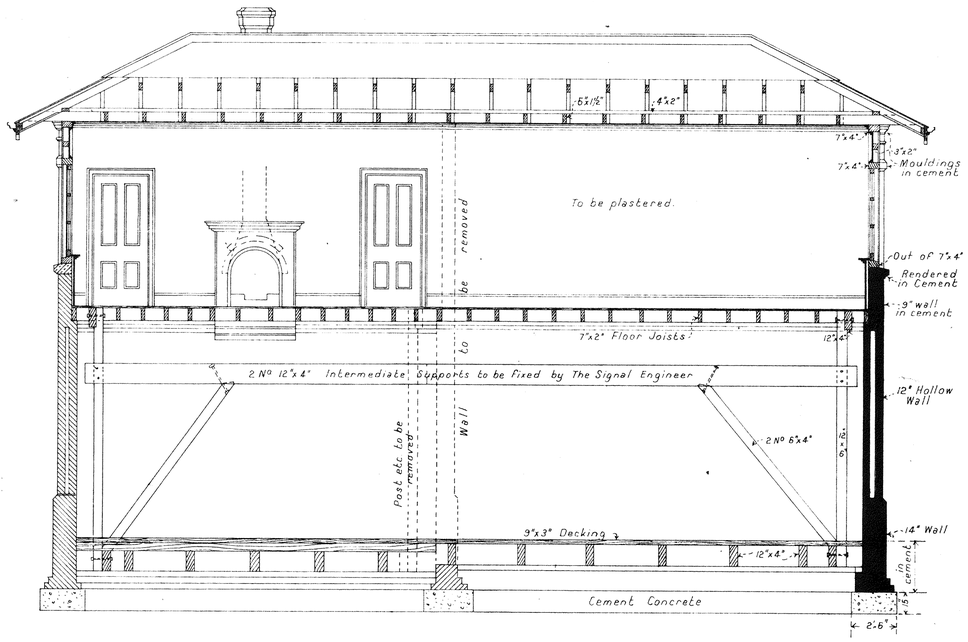


— PLAN OF UPPER FLOOR. —

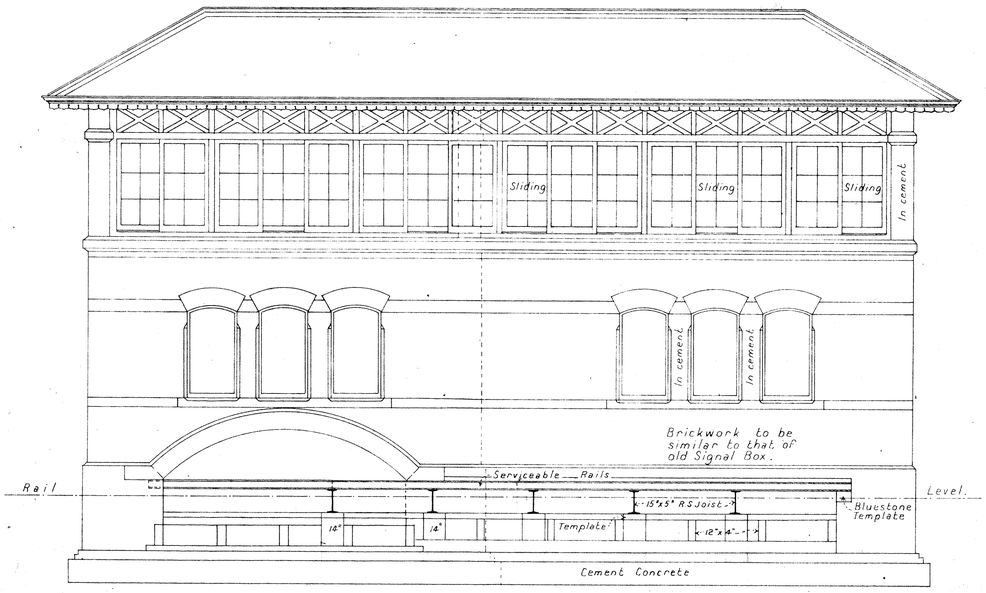


— PLAN OF LOWER FLOOR. —

14.6.11



— SECTION A A —



— ELEVATION TO TRACKS —

14.6.11

1268-11

9.5.13

RAILWAY DEPARTMENT, MELBOURNE, 20th May 1885.

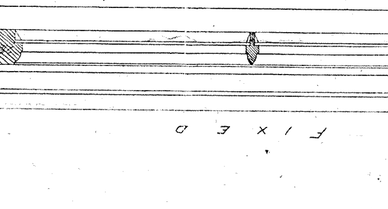
Approved for existing Line & Station
Scott
Commissioner

VICTORIAN RAILWAYS,

SIGNAL BOX AT Chinaq Hearnden Street

Scales. General Drawings 4 feet to 1 inch.
Details. 2 feet to 1 inch.

CONTRACT No 9677
No



Half Plan of Sashes in Front Scale 3 inches to 1 foot

7X3 TW

— V. R. —

— SOUTH YARRA —

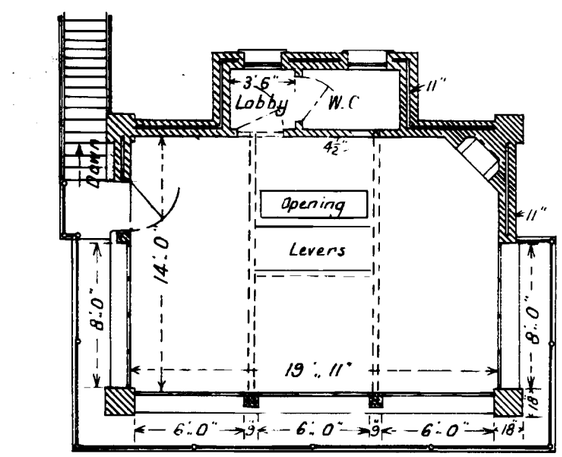
— NEW SIGNAL BOX. —

— Scale 8 Ft. to One Inch. —

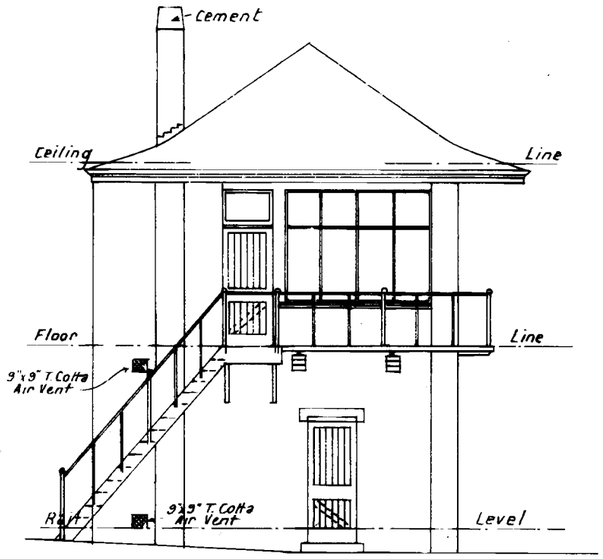
L.E.M.



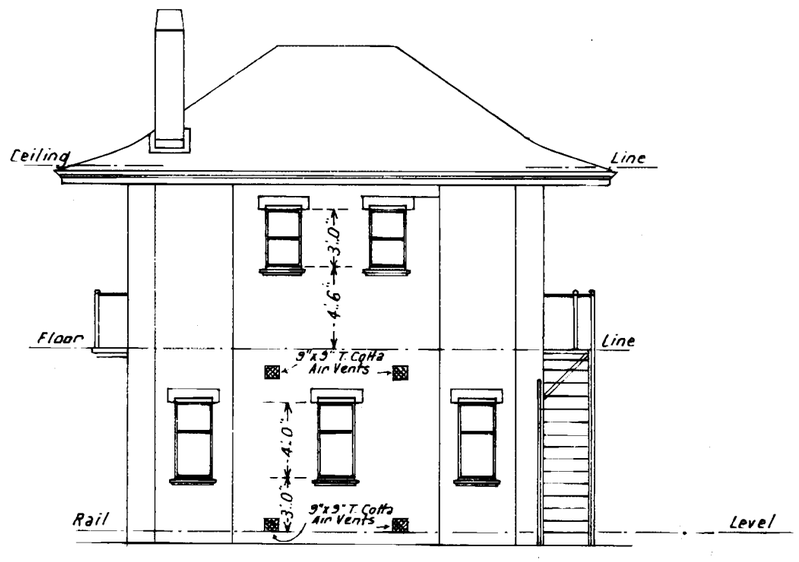
— FRONT ELEVATION —



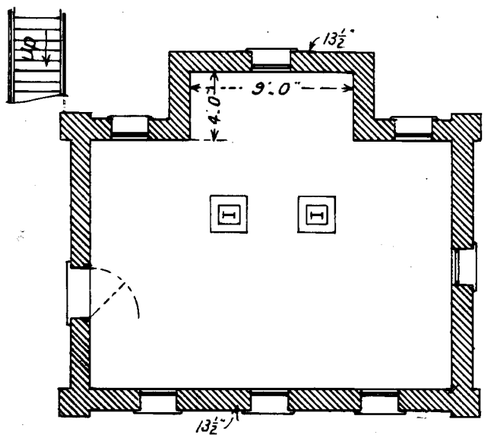
— UPPER FLOOR PLAN —



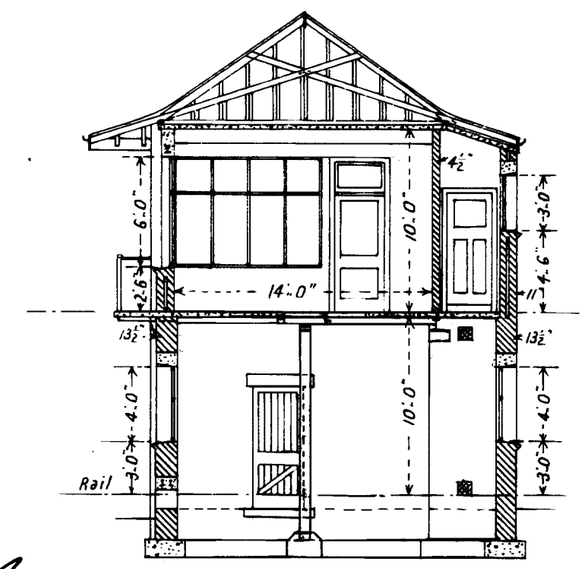
— END ELEVATION —



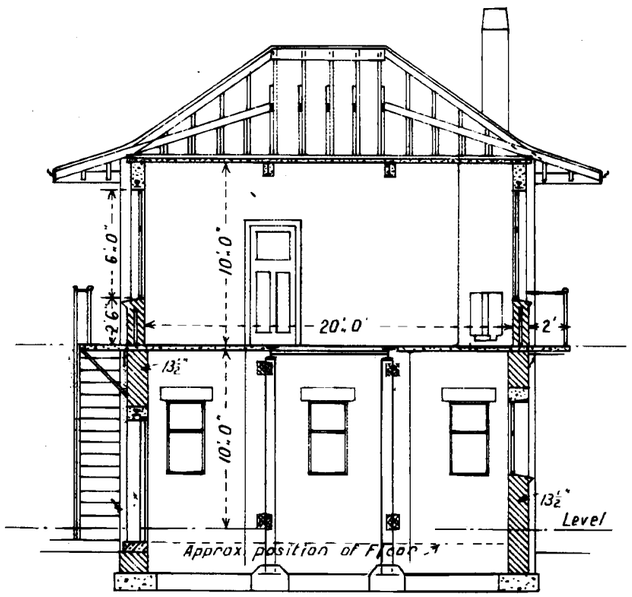
— BACK ELEVATION —



— LOWER FLOOR PLAN —



— CROSS SECTION —



— LONGITUDINAL SECTION —

Roll 1 341

4.5.15

4.5.15

1058.15

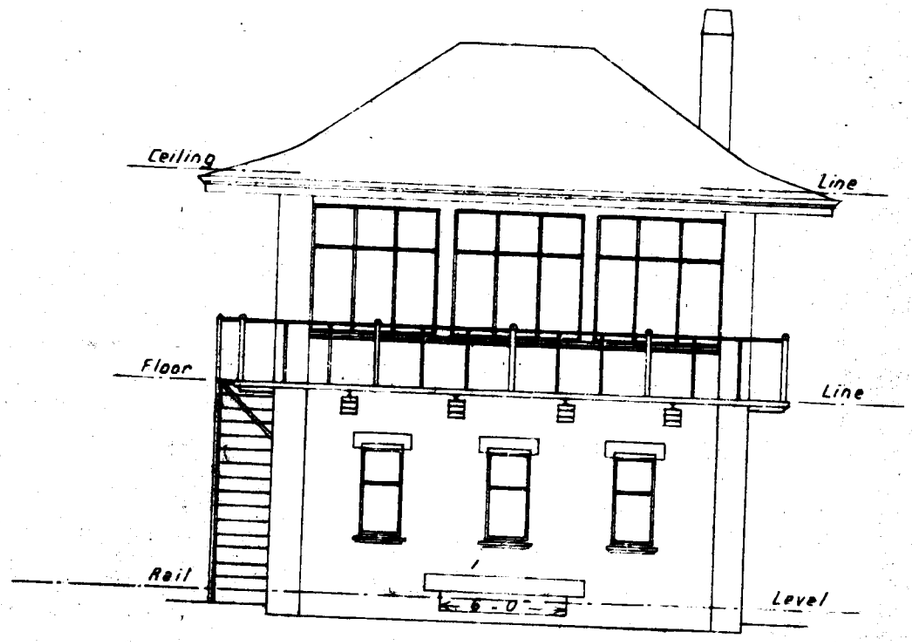
— V. R. —

— SOUTH YARRA —

— NEW SIGNAL BOX. —

— Scale 8 Ft. to One Inch. —

LEM.



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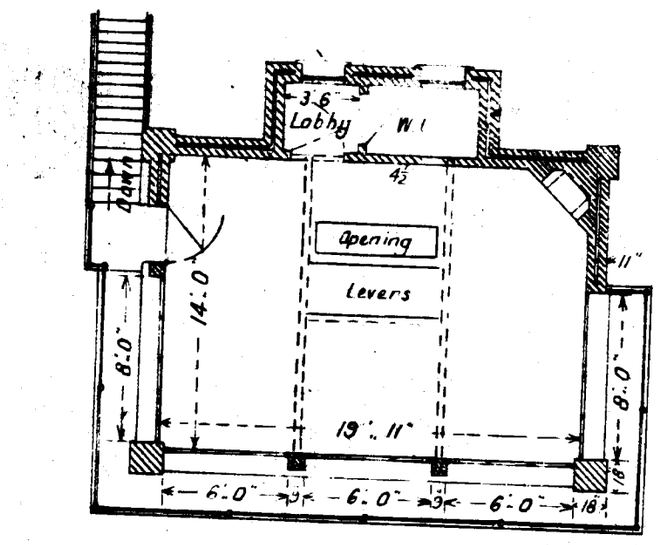
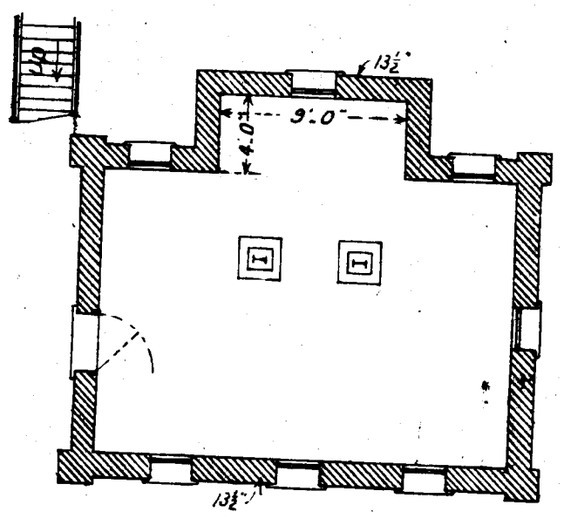
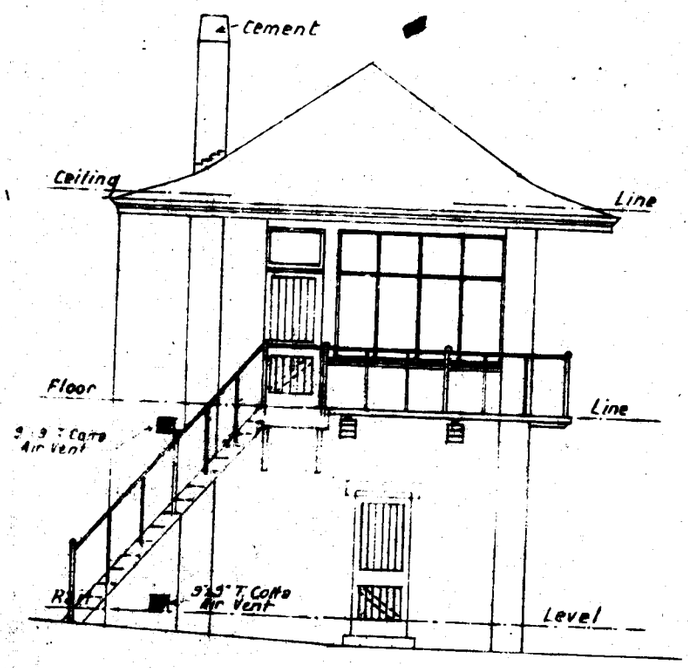


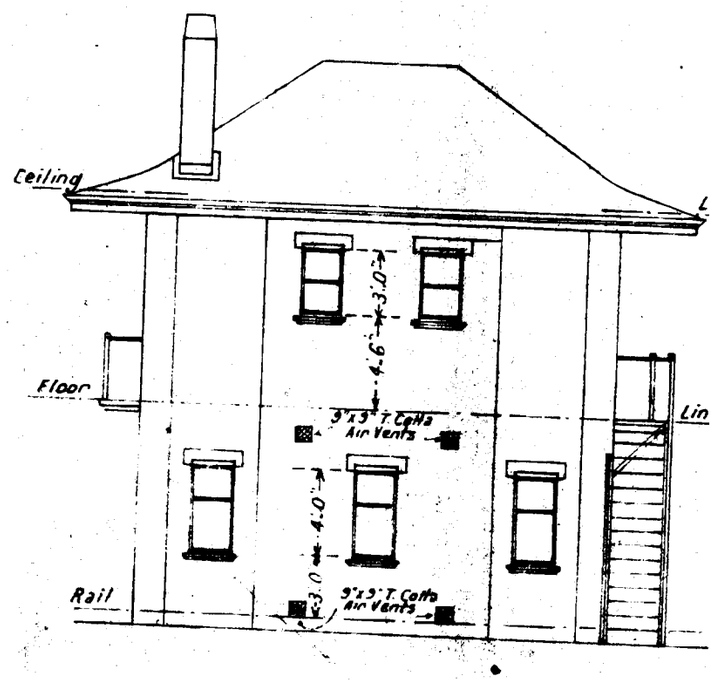
— UPPER FLOOR PLAN —



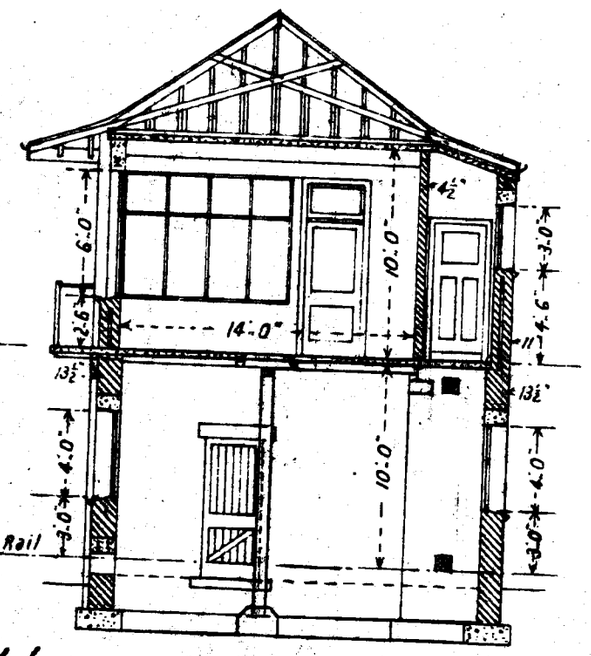
— LOWER FLOOR PLAN —



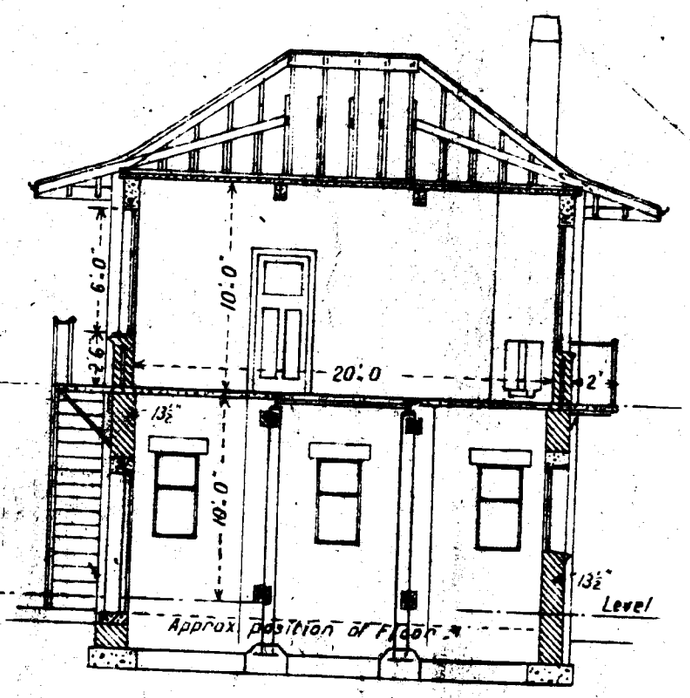
— END ELEVATION —



— BACK ELEVATION —



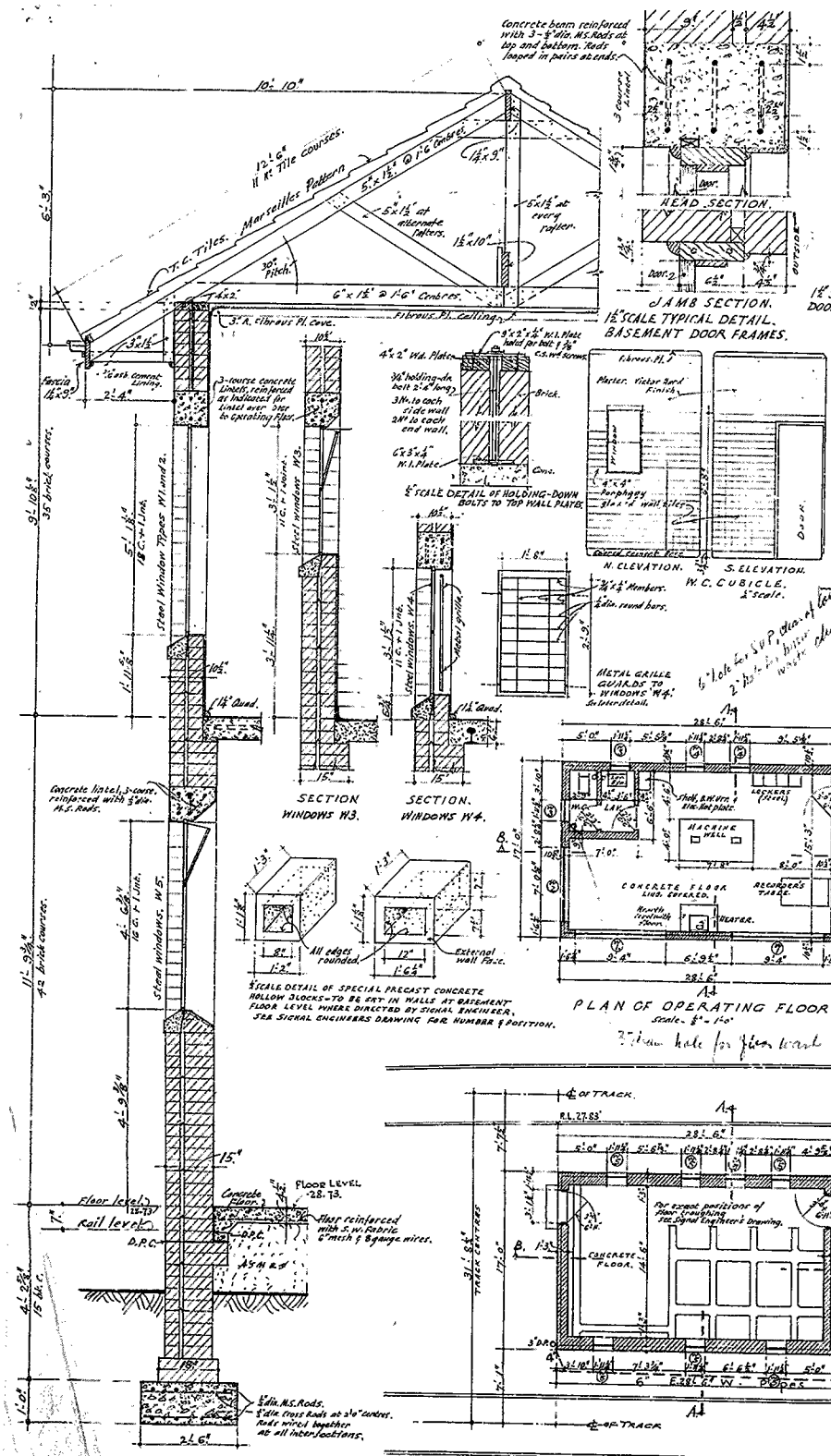
— CROSS SECTION —

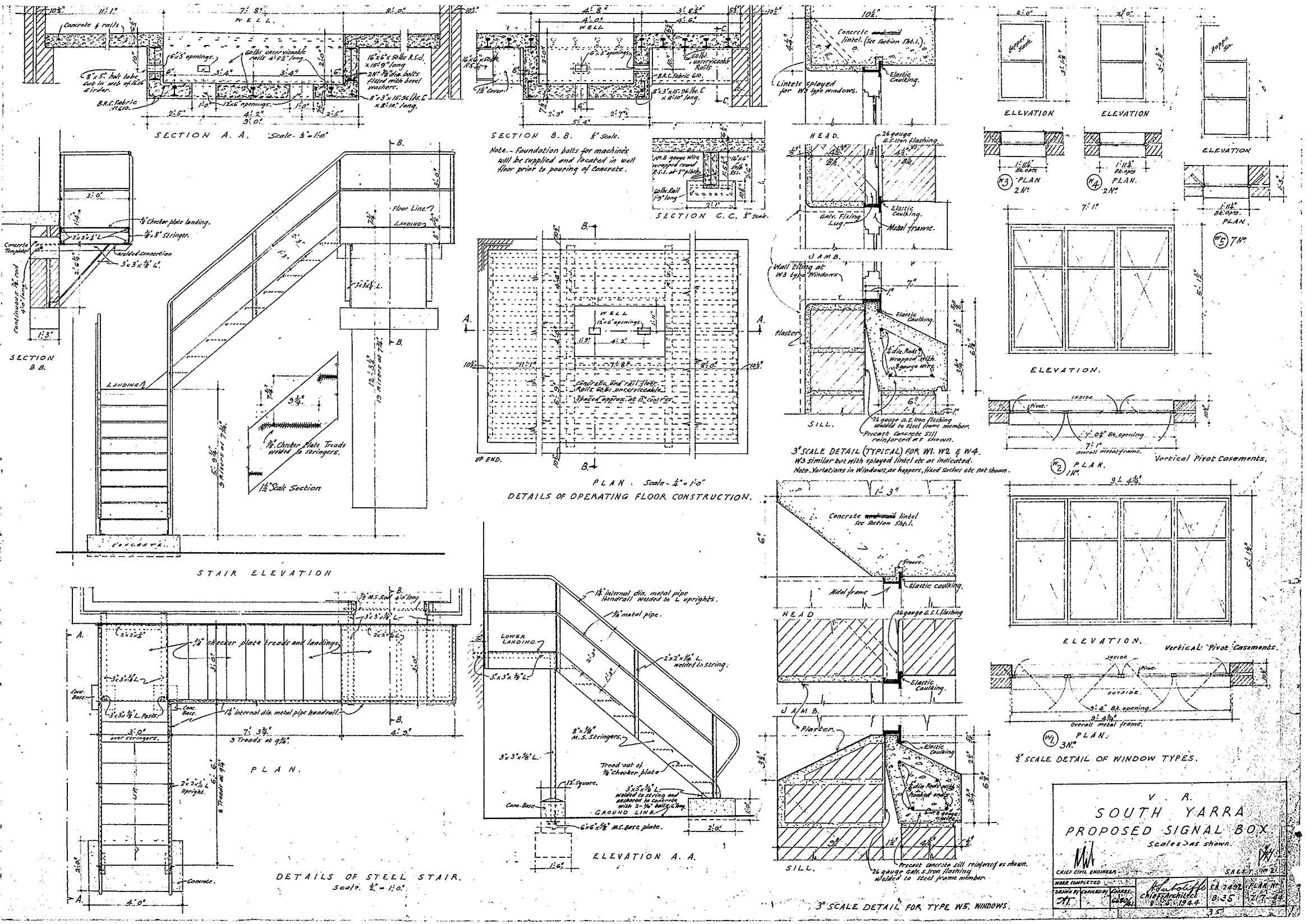


— LONGITUDINAL SECTION —

4 5 15

2491


Concrete beam reinforced with 3 - ¾" dia. M.S. Rods at top and bottom. Rods looped in pairs at ends.
10'-10"
12 T.C. 11 R.C. Tile courses.
T.C. Tiles. Marseilles Pattern
5"x1½" @ 1'-6" Centres.
5"x1½" at alternate Rafters.
5"x1½" at every rafter.
1½"x10"
30° Pitch.
6"x1½" @ 1'-6" Centres.
Fibrous Pl. Ceiling
3" R. Fibrous Pl. Cove.
Fascia 1¼"x9"
½" Cem. Lining.
2'-4"
3-course concrete Lintel, reinforced as indicated for Lintel over 3 Ner to Operating Floor.
9'-10½" 35 brick courses.
5'-1½" 18 C.W. Lins.
Steel Window Types W1 and 2.
3'-1½"
Steel window W3.
11'-8" 42 Brick courses.
Steel windows, W5.
4'-6¾" 16 C.W. Lins.
4'-9¾"
15"
Floor level
Rail level
7"
Concrete Floor
Floor reinforced with S.W. Fabric 6" mesh 8 gauge wires.
D.P.C.
Asphalt
1'-0"
15" Quad.
2'-6"
TYPICAL SECTION.
Scale- ½" = 1'-0"
Concrete lintel, 3-course reinforced with ¾" dia. M.S. Rods.
SECTION WINDOWS W3.
SECTION. WINDOWS W4.
All edges rounded.
External wall Fac.
½" SCALE DETAIL OF SPECIAL PRECAST CONCRETE HOLLOW BLOCKS - TO BE SET IN WALLS AT BASEMENT FLOOR LEVEL WHERE DIRECTED BY SIGNAL ENGINEER. SEE SIGNAL ENGINEERS DRAWING FOR NUMBER & POSITION.
JAMB SECTION.
1½" SCALE TYPICAL DETAIL. BASEMENT DOOR FRAMES.
3 course Lintel
Door.
OUTSIDE
3 course continuous concrete Lintel beam reinforced with 3 - ¾" dia. M.S. Rods at top and bottom. This beam at window head level - operating floor.
HEAD SECTION.
2 - ½" metal dowels 4" long let 1½" into concrete threshold.
JAMB SECTION. 1½" SCALE DETAIL - EXTERNAL DOOR FRAME - OPERATING FLOOR.
4"x2" Wd. Plate
9"x2"x¼" W.I. Plate holes for bolt 1 ⅜" C.S. Hd. Screws.
⅜" holding-dn. bolt 2'-6" long - 3 No. to each side wall 2 M to each end wall.
6"x3"x¼" M.I. Plate
Brick.
Conc.
½" SCALE DETAIL OF HOLDING-DOWN BOLTS TO TOP WALL PLATES.
Fibrous Pl.
Plaster. Victor hard Finish
4"x4" Porphyry glass of wall lights
Concrete Plinth
Concrete Footing
N. ELEVATION.
S. ELEVATION.
W.C. CUBICLE. ½" Scale.
Floor.
Door.
Flasher
C.C. concrete Lintel.
¾" dia. Rods with hooked ends, Wrapped with 8 gauge wire.
Tile.
Plas.
⅜" Cadmic M.end Architrave.
HEAD
JAMB.
DOOR TO LAVATORY.
DOOR TO W.C.
SCALE - 1½" = 1'-0"
Ventilating Ridge 60" length.
Vent shafts 4'
Vent shaft
Vent shafts
1'-6"
1'-0"
Louvre Vents each end.
Fly head cover mould.
Asbestos Cement
3'x1' frame
3 - ⅜" Blades.
CEILING VENT PANELS & DUCTS. ½" Scale Detail.
Vent ridge.
Marseilles Pattern Terra-Cotta Tiles.
Special bonded hip tiles.
10'6" LEVEL
Continuous Conc. Beam Reinforced as Above.
Small pattern white Flemish glass.
Brick.
8'
Small pattern white Flemish glass.
EAST ELEVATION.
1'-3"
¾" dia. Rod.
3 course continuous concrete Lintel beam as 'B' reinforced with 3 - ¾" dia. M.S. Rods at top and bottom.
½" Scale Section.
Selected 26 oz. clear sheet glass.
FLOOR LEVEL.
Steel Stair.
SOUTH ELEVATION.
Small pattern white Flemish glass
WEST ELEVATION.
¾"x¾" Members.
½" dia. round bars.
METAL GRILLE GUARDS TO WINDOWS W4. See Inter-detail.
Reduce grille.
1'-8"
2'-3"
6" hole for S.W.P. thro' wall
2 - 3" dia. P.V.C. Pipes thro' wall
Weep holes 4" above floor
1'-6" Quad.
1'-2"
1'-3"
1'-6"
1'-8"
2'-6"
Floor Level 28-13.
Concrete floor
Floor reinforced with S.W. Fabric 6" mesh 8 gauge wires.
D.P.C.
Asphalt
Rail level
7"
1'-0"
2'-6"
¾" dia. M.S. Rods.
¾" dia. Trans Rods at 2'-0" centres. Rods wired together at all intersections.
Concrete lintel, 3-course reinforced with ¾" dia. M.S. Rods.
Floor level
Rail level
Floor Level 28-13.
Concrete floor
Floor reinforced with S.W. Fabric 6" mesh 8 gauge wires.
D.P.C.
Asphalt
1'-0"
2'-6"
¾" dia. M.S. Rods.
¾" dia. Trans Rods at 2'-0" centres. Rods wired together at all intersections.
TYPICAL SECTION.
Scale- ½" = 1'-0"
28'-6"
5'-0"
5'-6"
4'-5"
9'-5"
MACHINE WELL
LEVERS (TOOTH)
RECORDERS TABLE
CONCRETE FLOOR LIGHTLY REINFD.
HEATER.
Shelf, 8" wide, 6" above bed plate.
Recess for Lamp
Recess for Lamp
Recess for Lamp


SECTION A. A. Scale - ½" = 1'-0"
SECTION B. B. ½" Scale.
Note.- Foundation bolts for machines will be supplied and located in well floor prior to pouring of Concrete.
SECTION C. C. ½" Scale.
SECTION B. B.
STAIR ELEVATION
PLAN. Scale - ¼" = 1'-0"
DETAILS OF OPERATING FLOOR CONSTRUCTION.
3" SCALE DETAIL (TYPICAL) FOR W1. W2 & W4.
W3 similar but with splayed lintel etc as indicated.
Note.- Variations in Windows, as hoppers, fixed sashes etc not shown.
ELEVATION
PLAN
Vertical Pivot Casements.
PLAN.
½" SCALE DETAIL OF WINDOW TYPES.
PLAN.
DETAILS OF STEEL STAIR.
Scale ½" = 1'-0"
ELEVATION A. A.
3" SCALE DETAIL FOR TYPE W5. WINDOWS.
V. R.
SOUTH YARRA
PROPOSED SIGNAL BOX
Scales as shown.
CHIEF CIVIL ENGINEER
SHEET No 21
WORK COMPLETED
DRAWN BY
CHECKED BY
CORRES.
Chief Architect
8.5.1944
S.B. 2492
B.35
PLAN No
217-44
35

2492

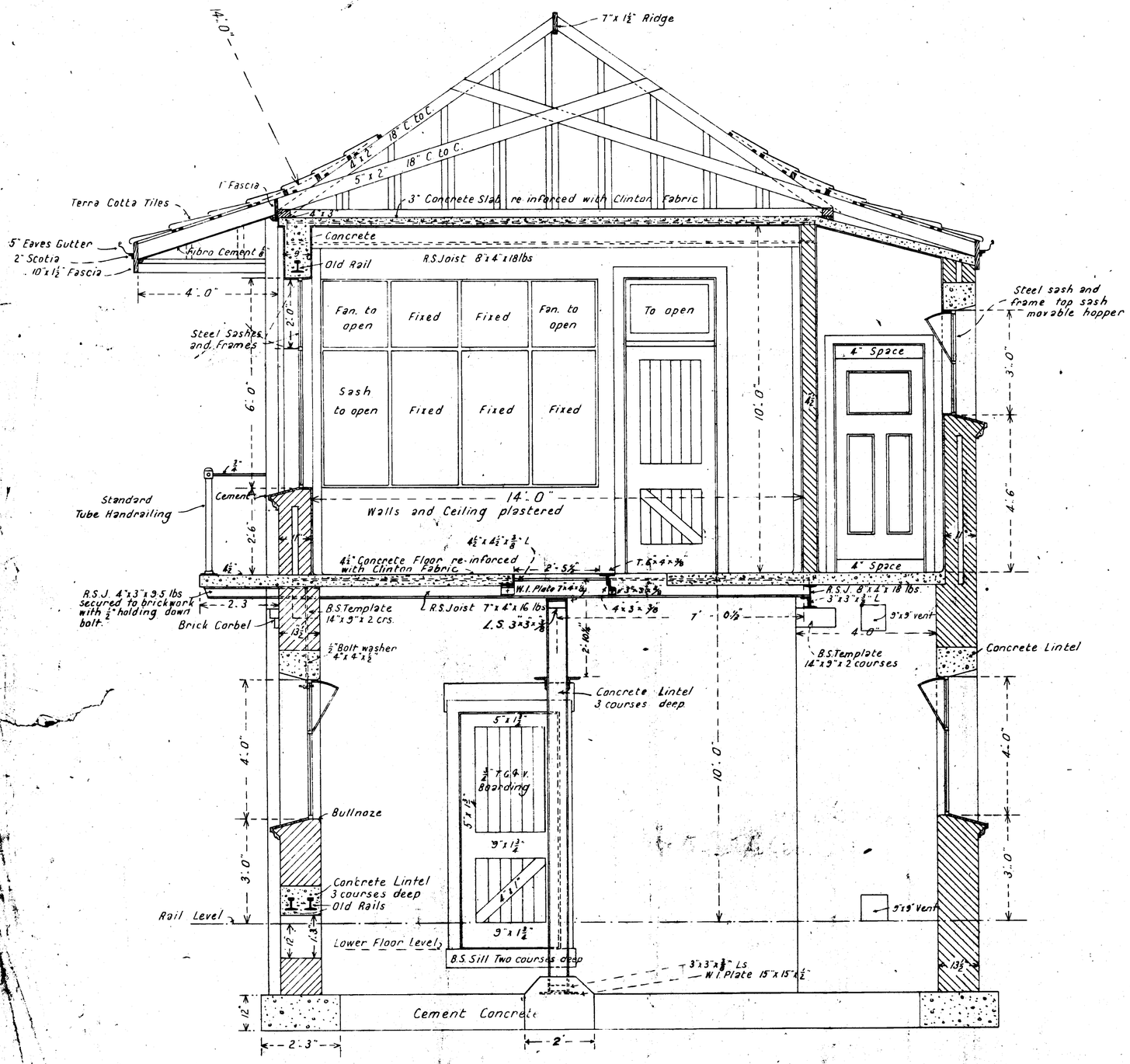
— V. R. —

— SOUTH YARRA NEW SIGNAL BOX —

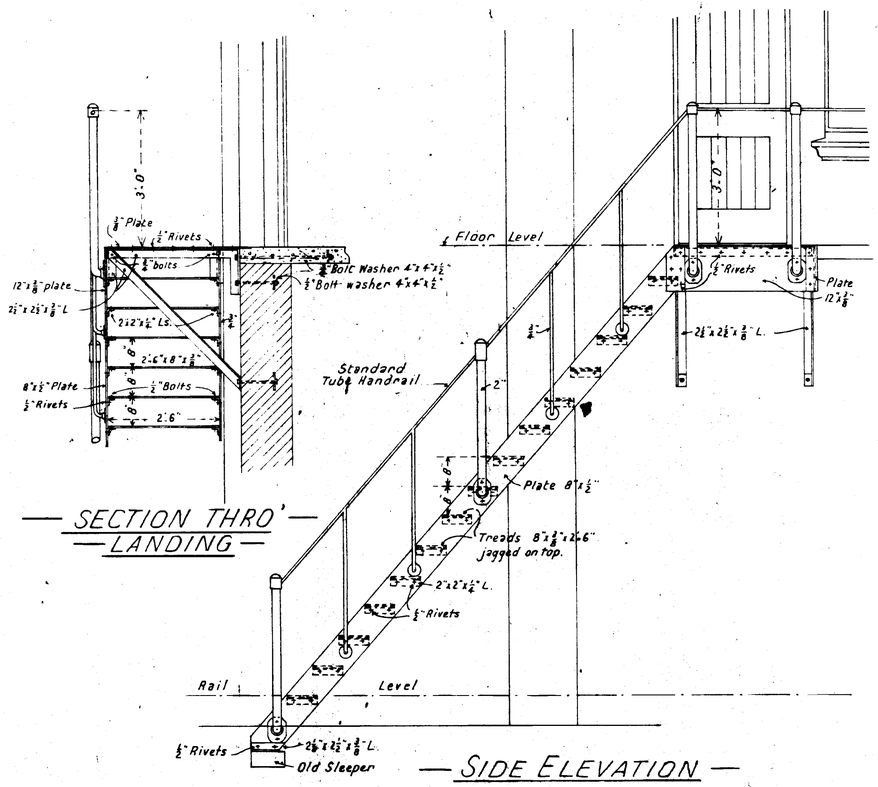
— DETAILS —

— Scale 2 Ft. to 1 Inch. —

LEM.



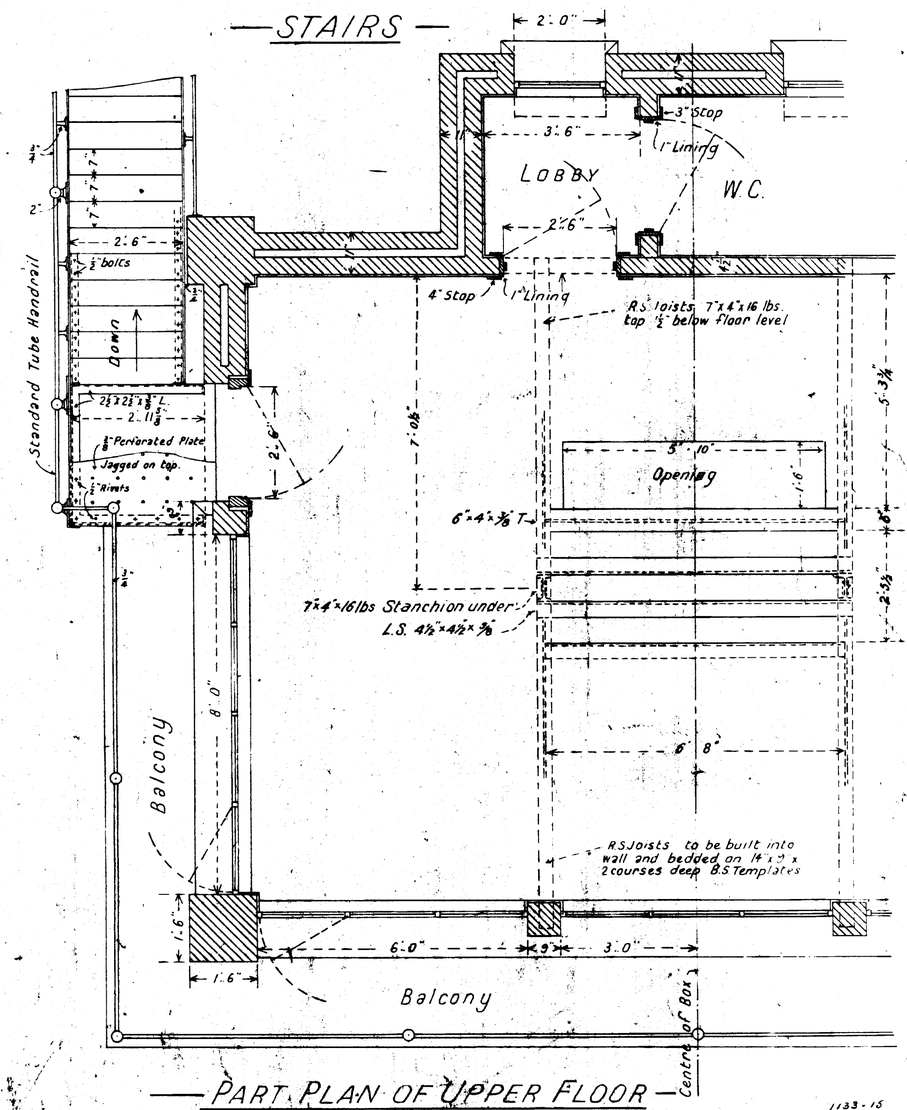
— CROSS SECTION —



— SECTION THRO' LANDING —

— SIDE ELEVATION —

— STAIRS —



— PART PLAN OF UPPER FLOOR —

1133-15

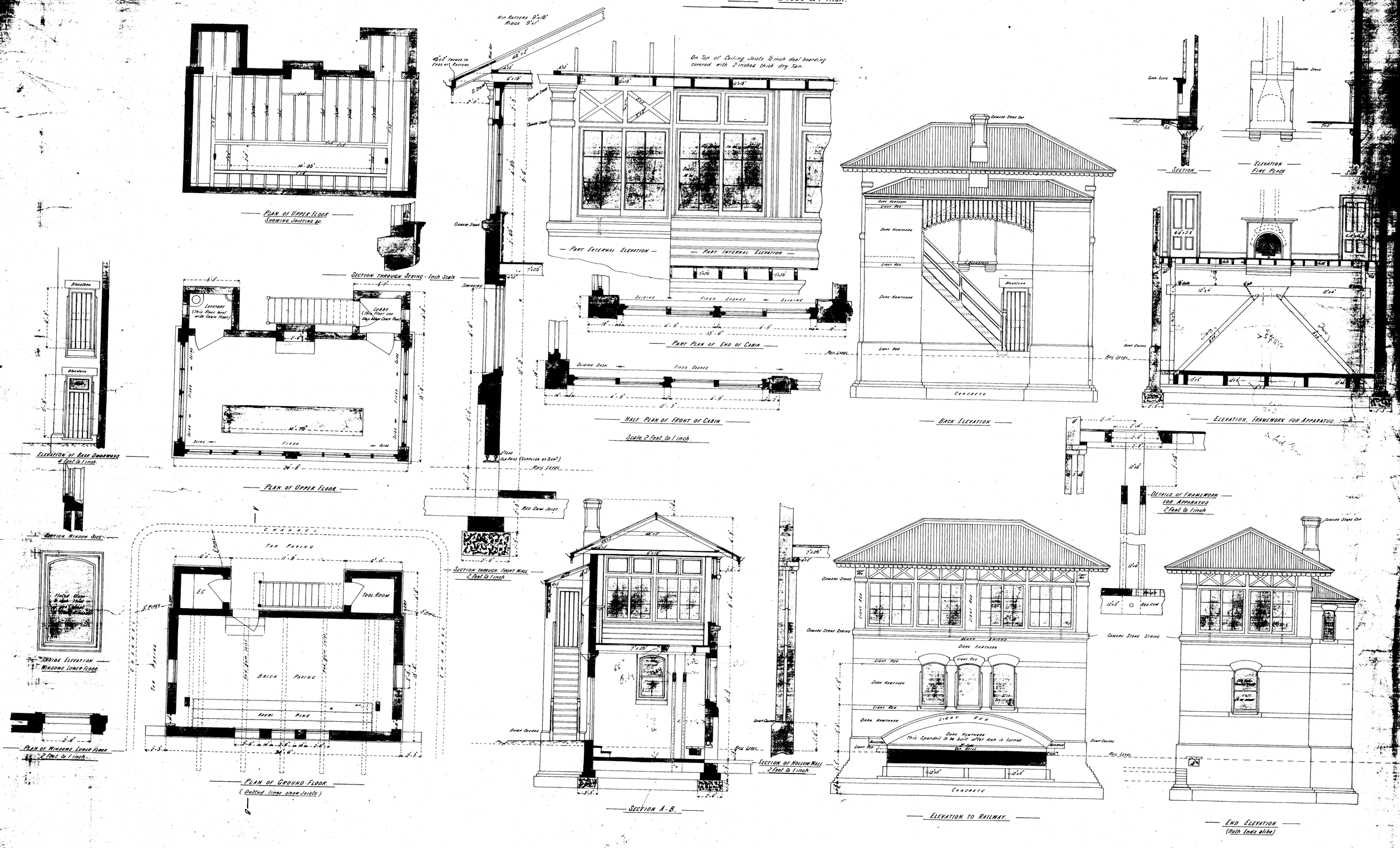
13.5.15

VICTORIAN RAILWAYS,

SIGNAL BOX AT SOUTH YARRA STATION.

Scales. General Drawings 4 feet to 1 inch.
Details 2 feet to 1 inch.

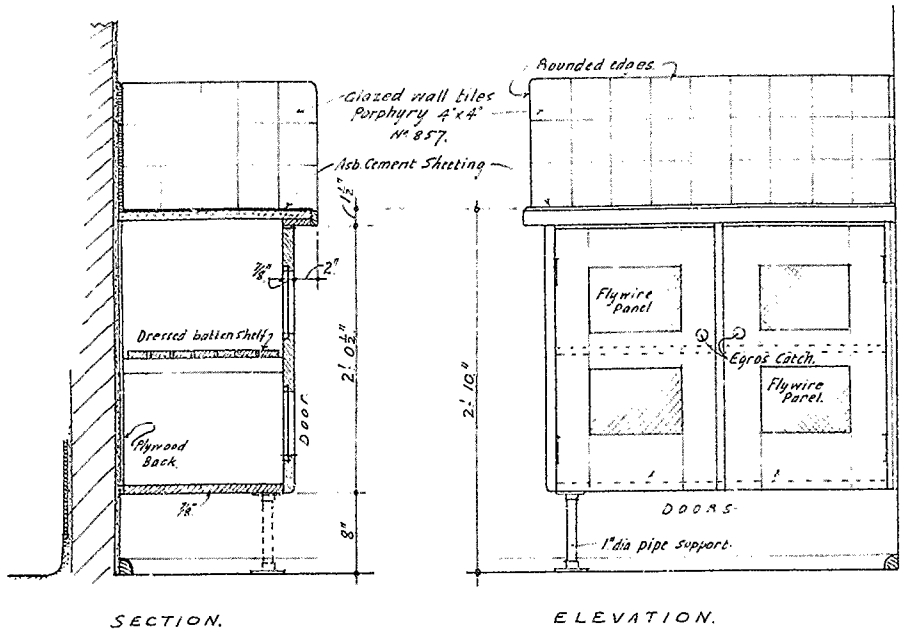
CONTRACT No. 2612.
No. 1



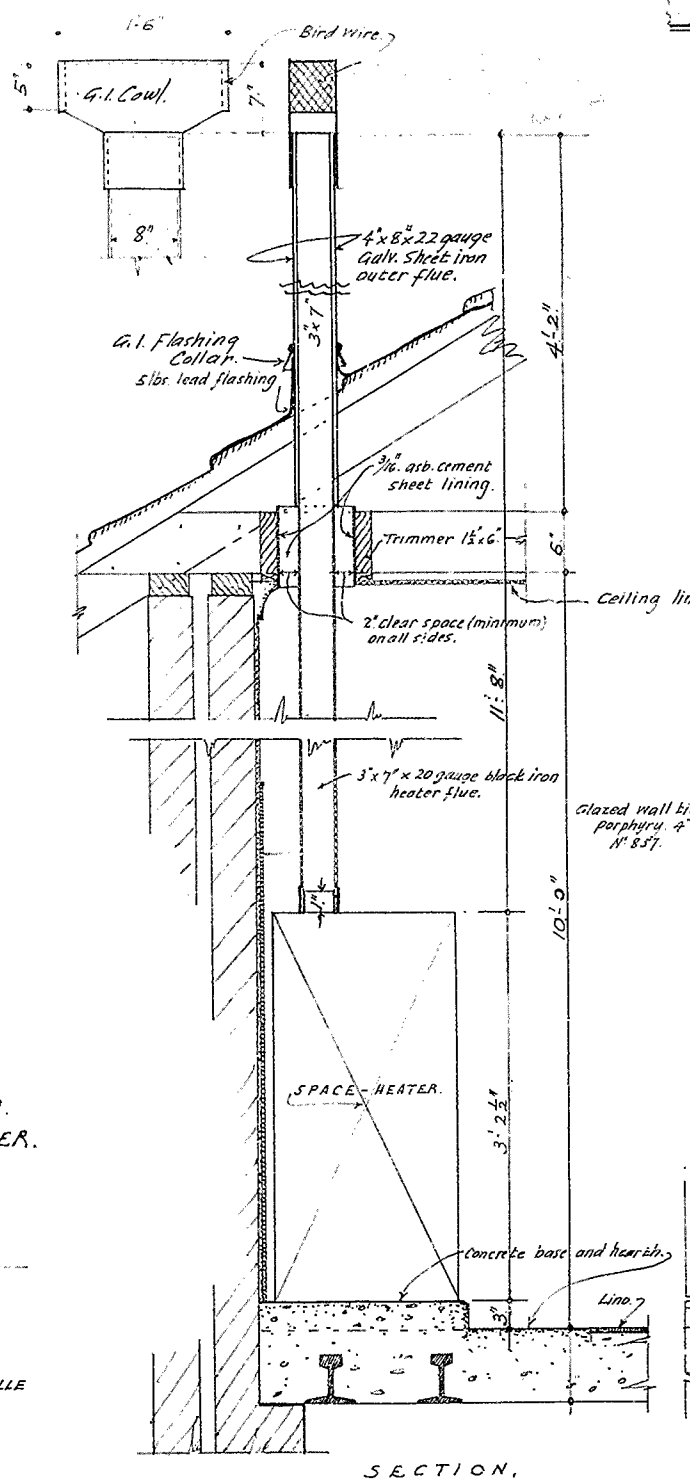
RAILWAY DEPARTMENT, MELBOURNE, SEP. 1886
No. 1050.

This is one of the Drawings referred to in the Specification upon which 1 based my Tender
Dated the 13th day of September 86.
Signature of Contractor Geo. H. Brown
Witness to Signature [signature]
21/9/86

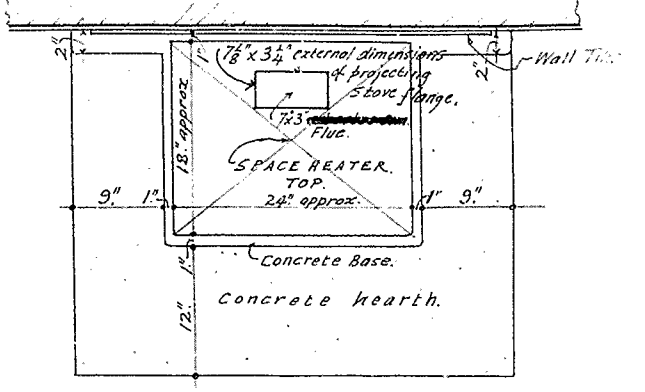
ENGINEER FOR EXISTING LINES OFFICE
CONTRACT 2612
EXHIBITED IN THE CONTRACTORS' ROOM
From 7/9/86 To 13/9/86
BY [signature]
RAILWAY DEPARTMENT.



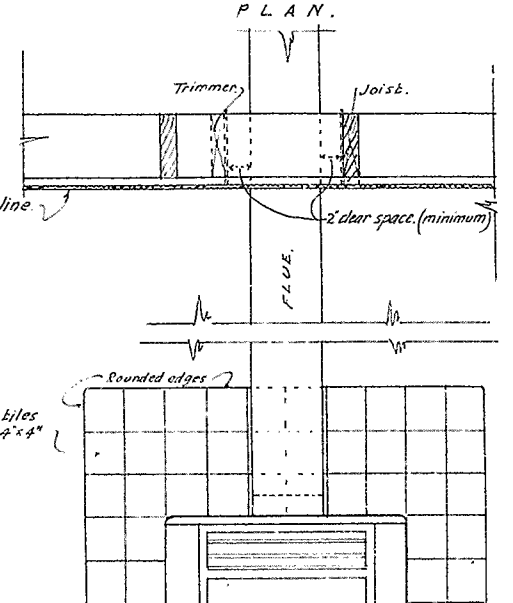
SECTION. ELEVATION.

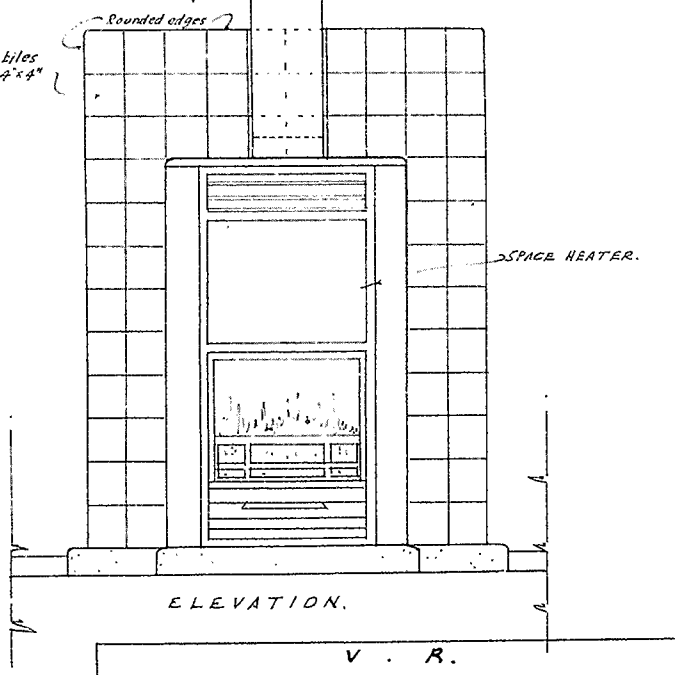


SECTION.



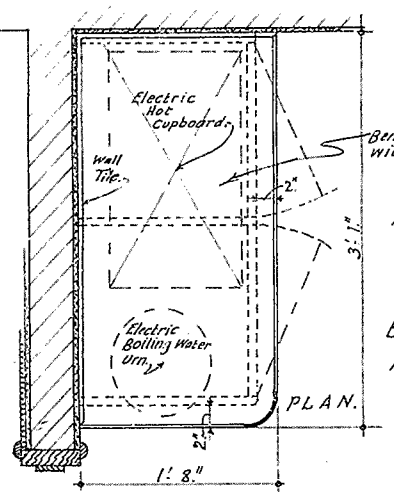
PLAN.





ELEVATION.

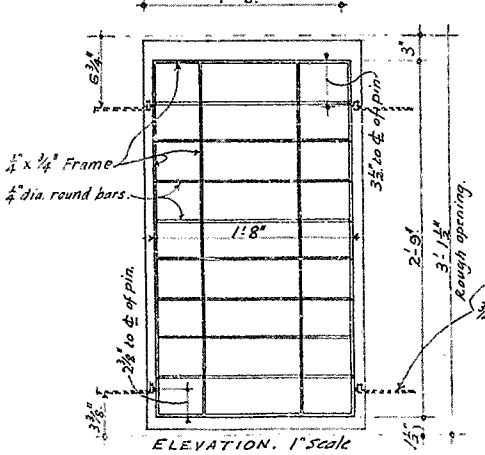
SETTING FOR SPACE-HEATING STOVE.
"WONDER-HEAT" UNIT, MODEL D.O.3
Scale. 1" = 1'-0"



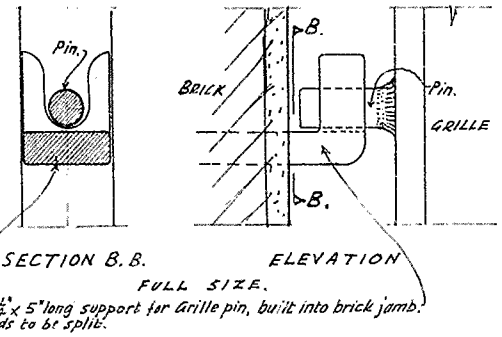
PLAN.

All exposed woodwork stained and flat varnished cupboard interior painted white.

BENCH FOR ELECTRIC HOT CUPBD.
AND B.W. URN. INCLUDING CUPBOARD UNDER.
Scale - 1" = 1'-0"



ELEVATION. 1" scale



SECTION B.B. ELEVATION

FULL SIZE.

¾"x¼"x 5" long support for Grille pin, built into brick jamb. Ends to be split.

METAL GRILLE GUARDS
TO WINDOWS, TYPE. W4.

V. R.

SOUTH YARRA
PROPOSED SIGNAL BOX.
VARIOUS DETAILS.

Scale. 1" = 1'-0"

CHIEF CIVIL ENGINEER

SHEET N° 3.

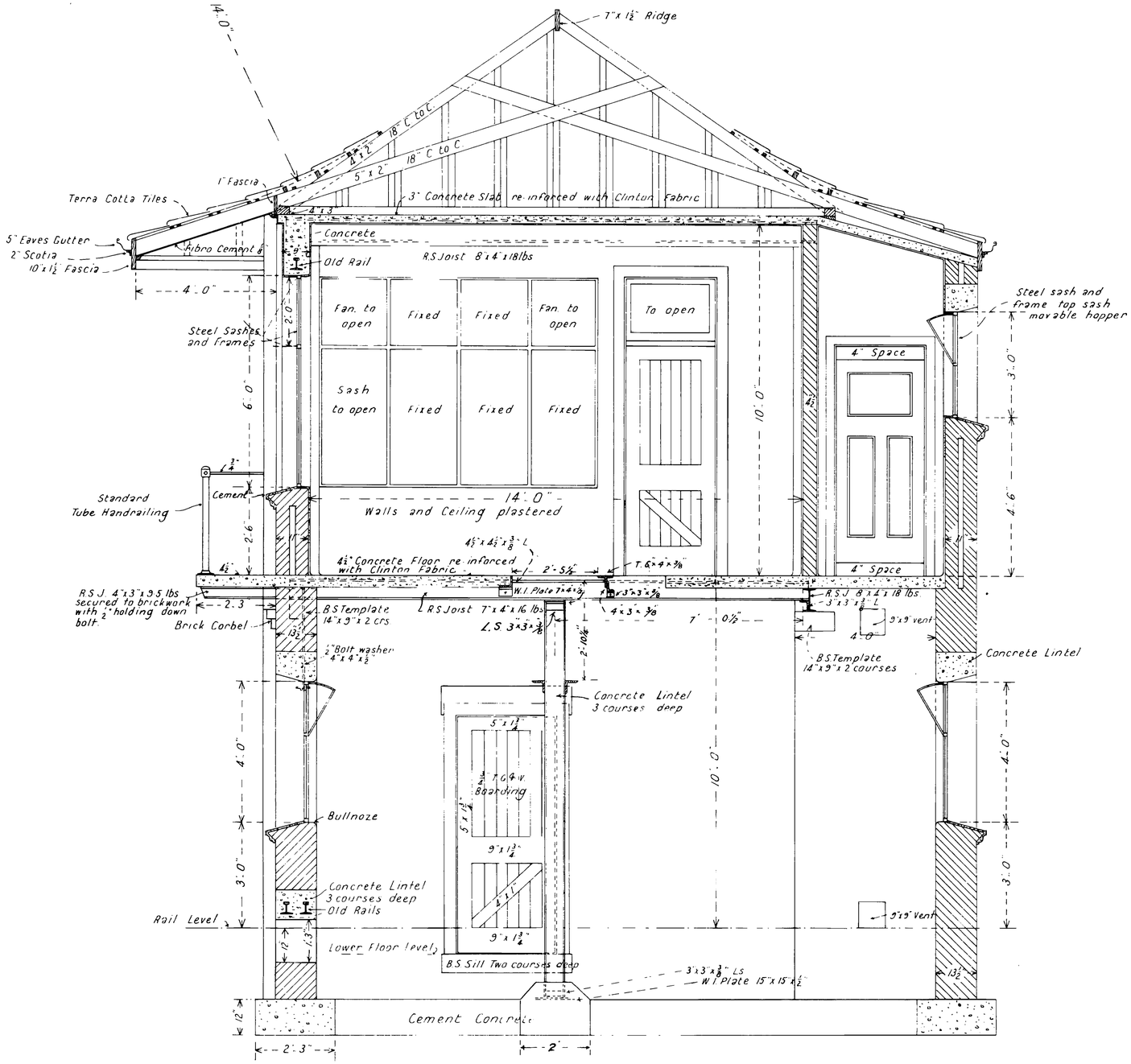
WORK COMPLETED					
Drawn by		Corres N°	H. Sutcliffe. Chief Architect 25. 5. 1944	S.B. 2499. C. 65	PLAN N° 275.44
H.		6680/41			

MICRO DATA

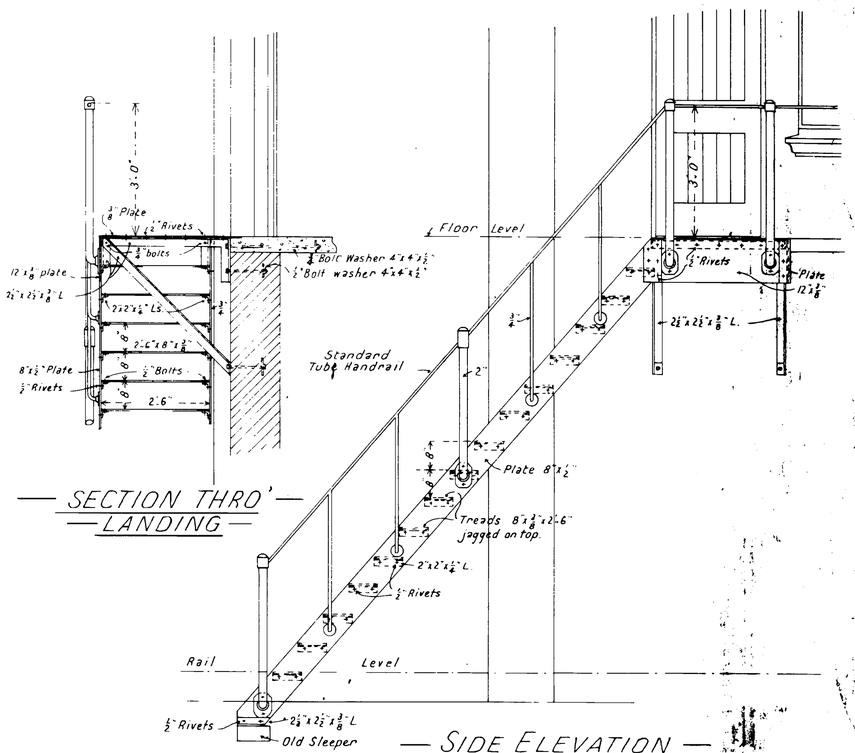
275.44

— V. R. —
— SOUTH YARRA NEW SIGNAL BOX —
— DETAILS —
— Scale 2 Ft. to 1 Inch. —

LEM.



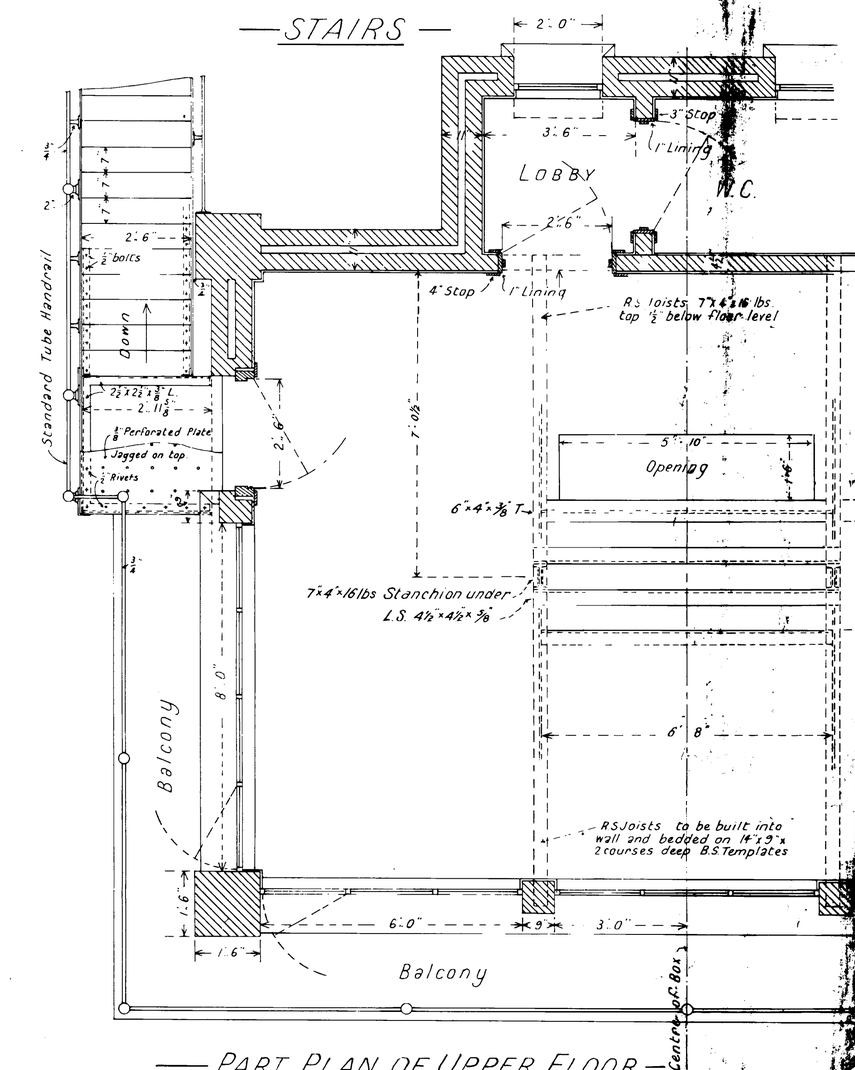
— CROSS SECTION —



— SECTION THRO' — LANDING —

— SIDE ELEVATION —

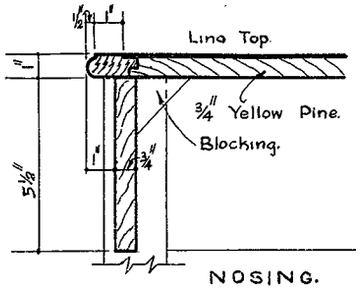
— STAIRS —



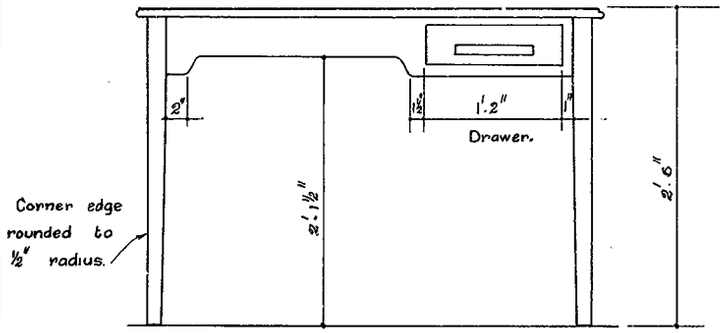
— PART PLAN OF UPPER FLOOR —

13.5.15

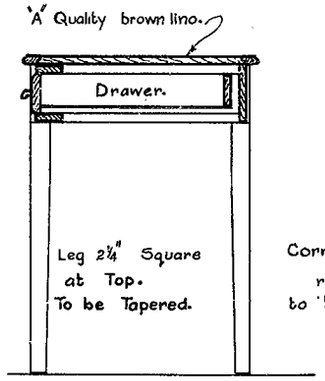
222.



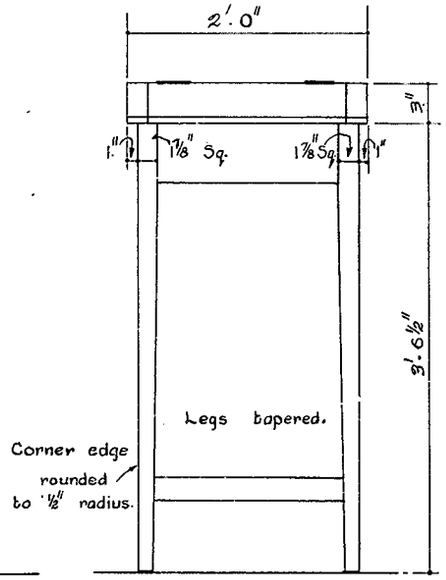
NOSING.
¼ Full Size.



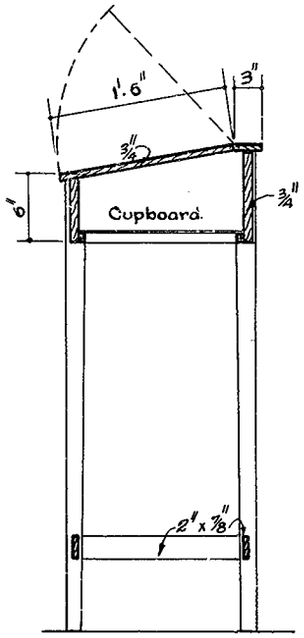
ELEVATION.



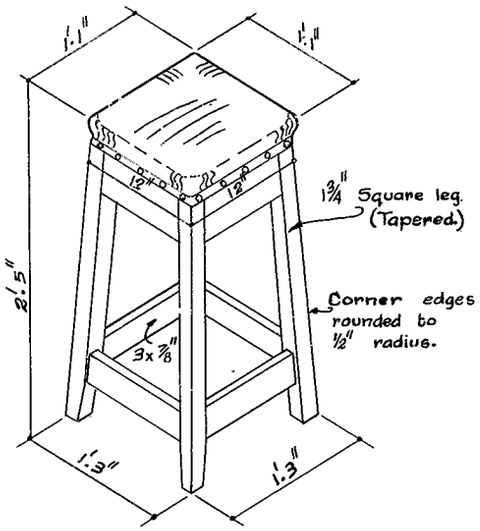
SECTION.



ELEVATION.



SECTION.

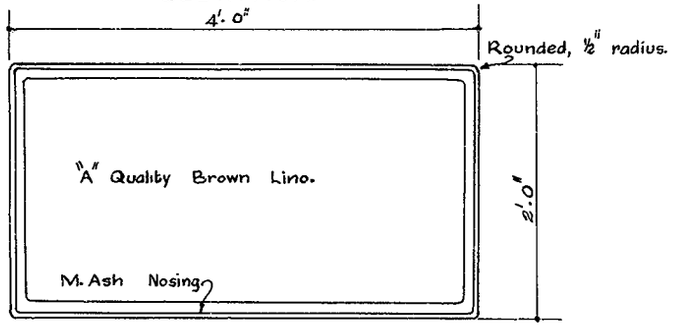


STOOL 1 No. to this.

Top upholstered in chair fabric. Cloth and hair stuffing.

Wood Chairs.

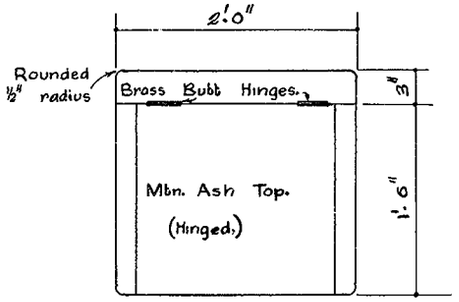
Provide 2 N° to plan F. 393 but with seats upholstered in chair fabric cloth and hair stuffing.



PLAN of TOP.

TABLE 2 N° to this.

Scale 1" = 1'.0"



PLAN of TOP.

PORTABLE DESK 1 N° to this.

Scale 1" = 1'.0"

Note. All woodwork & finishes to match wood machine cabinet manafactured for S. Yarra signal box.

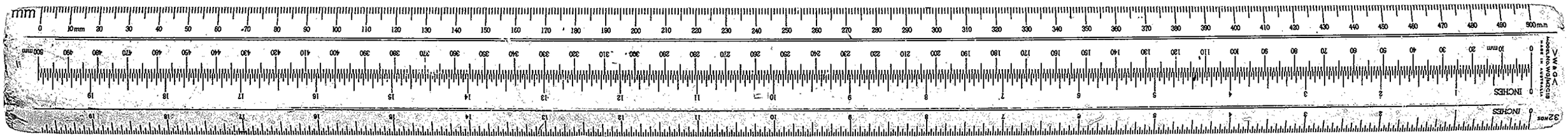
.V.R.

. SOUTH YARRA.
. NEW SIGNAL BOX.
. VARIOUS FURNATURE.

Scale 1" = 1'.0".

Chief Civil Engineer.

Drawn	Check.	Corr.	H. Sutcliffe Chief Architect	B. 282.	PLAN N°
A.T.		6680/41	5 - 1 - 1945.	D. 65.	

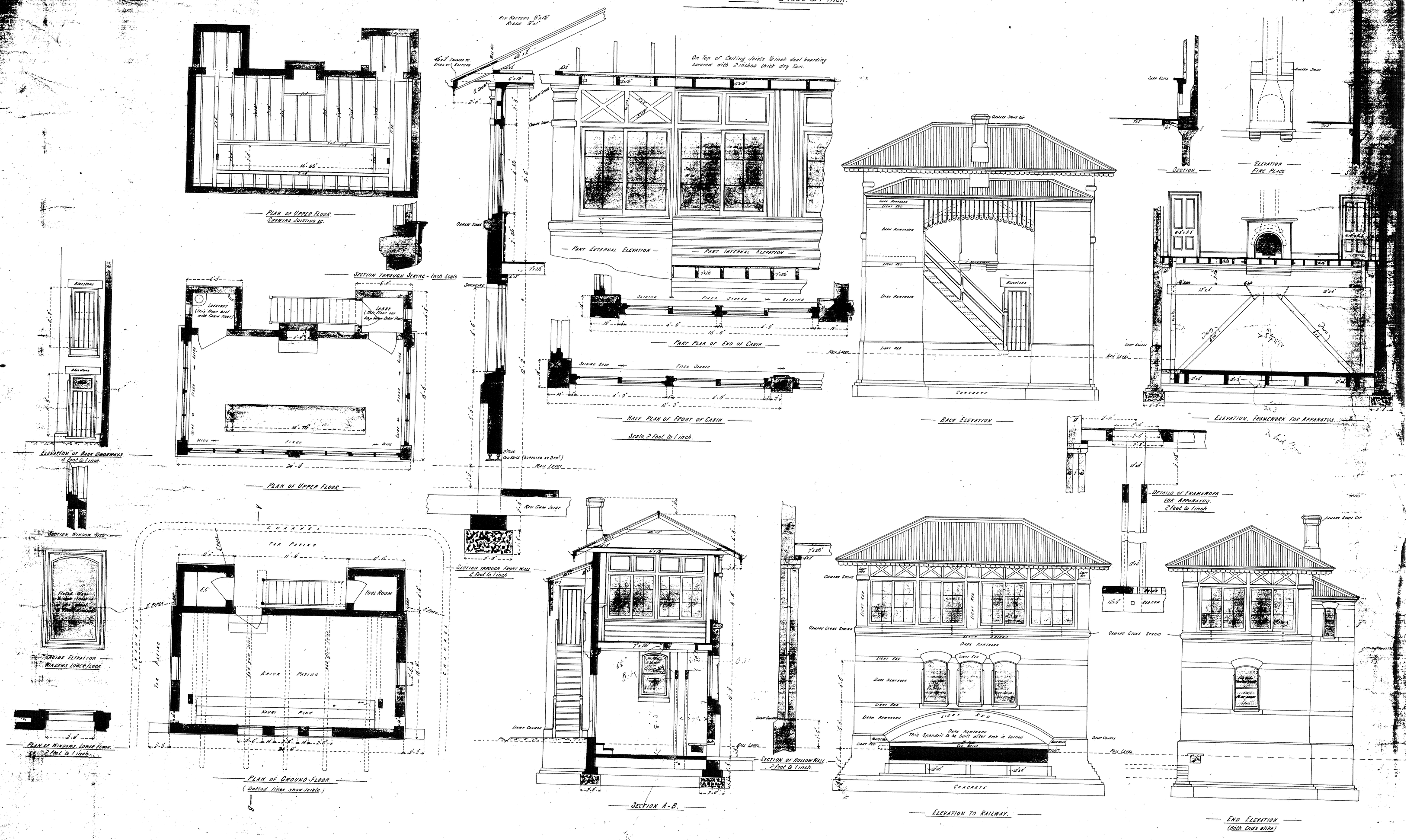


VICTORIAN RAILWAYS,

SIGNAL BOX AT SOUTH YARRA STATION.

Scales. General Drawings 4 feet to 1 inch.
Details 2 feet to 1 inch.

CONTRACT No 2612.
No 1



RAILWAY DEPARTMENT, MELBOURNE, SEP. 1886
No 1050.

This is one of the Drawings referred to in the Specification upon which ... based my Tender
Dated the 13th day of September 86.
Signature of Contractor Geo H Brewer
Witness to Signature [signature]
21/9/86

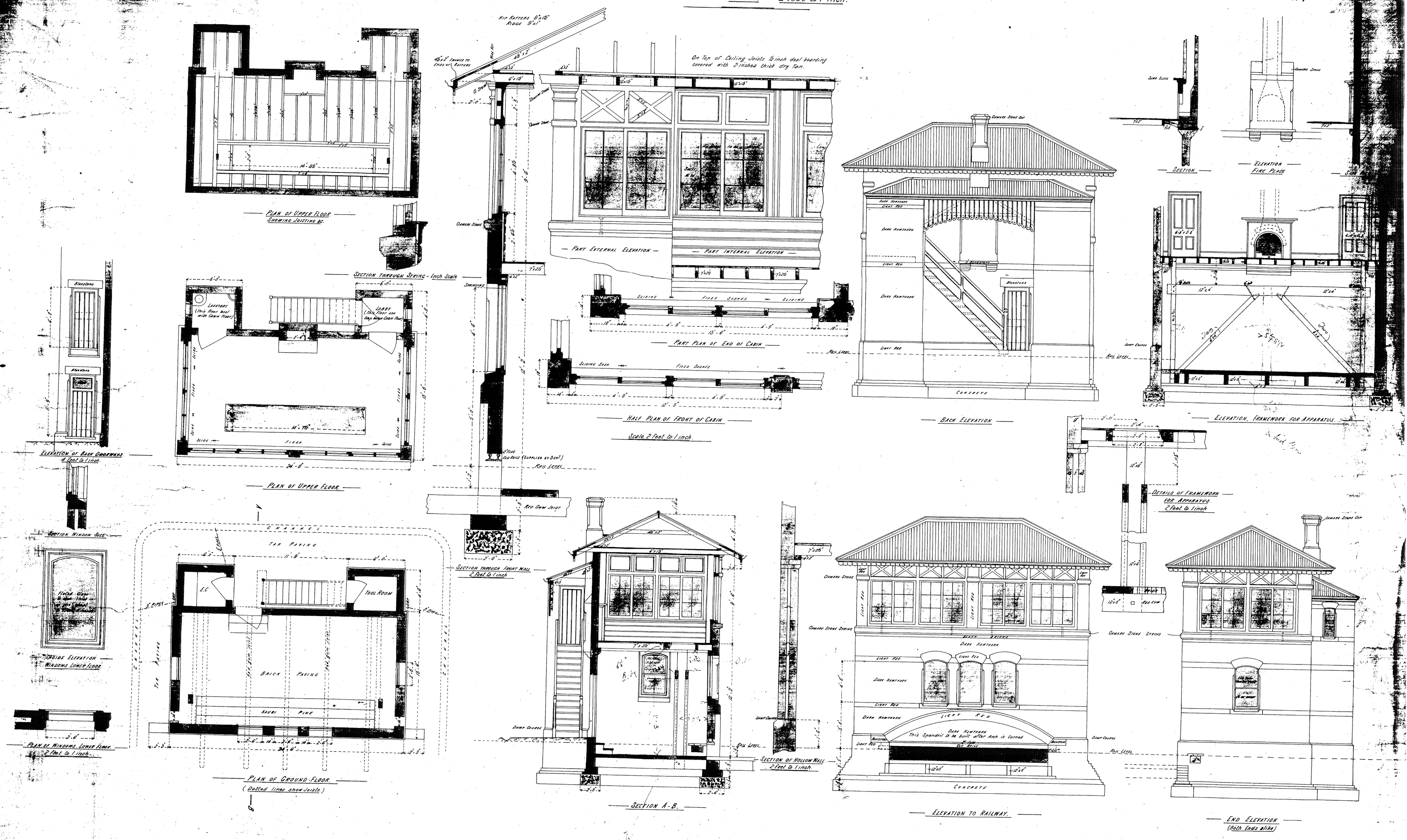
ENGINEER FOR EXISTING LINES OFFICE
CONTRACT 2612
EXHIBITED IN THE CONTRACTORS' ROOM
From 7/9/86 To 13/9/86
BY [signature]
RAILWAY DEPARTMENT.

VICTORIAN RAILWAYS,

SIGNAL BOX AT SOUTH YARRA STATION.

Scales. General Drawings 4 feet to 1 inch.
Details 2 feet to 1 inch.

CONTRACT No 2612.
No 1



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Dated the 13th day of September 86.
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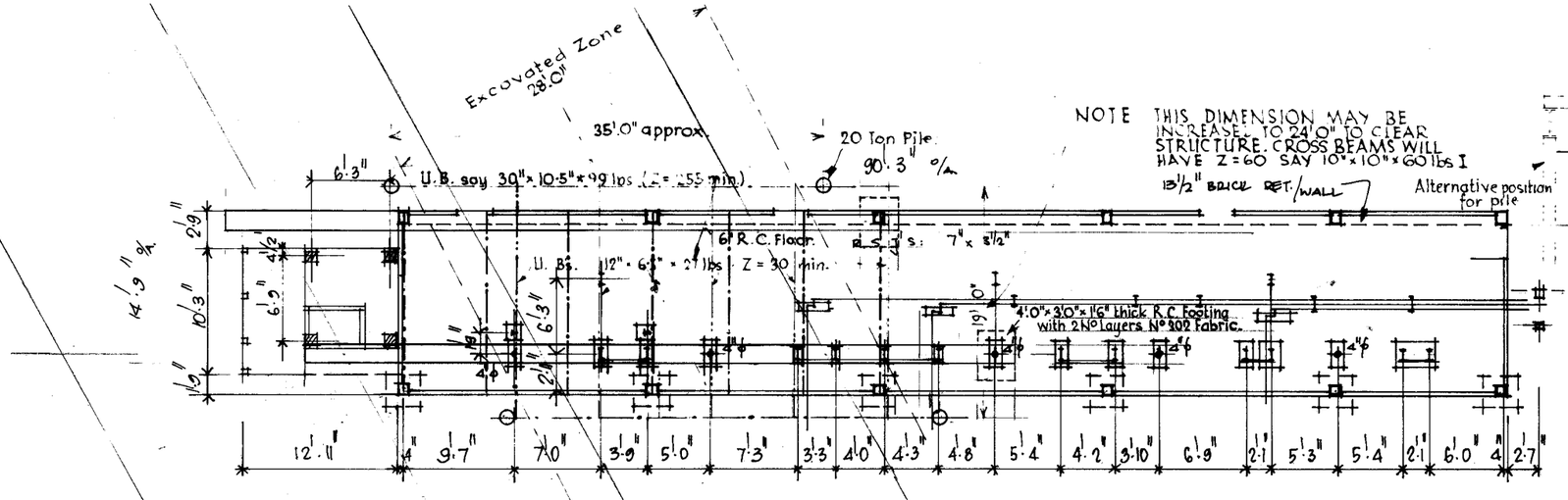
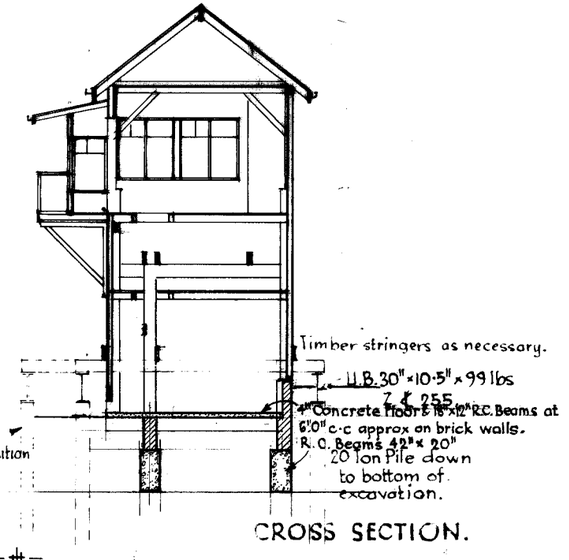
Witness to Signature [signature]
21/9/86

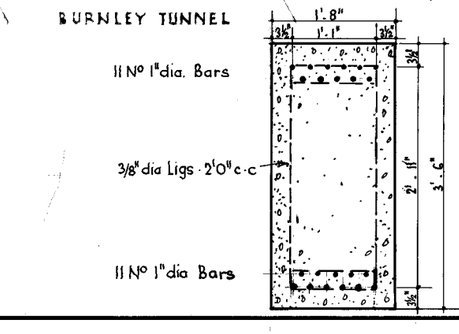
ENGINEER FOR EXISTING LINES OFFICE
CONTRACT 2612
EXHIBITED IN THE CONTRACTORS' ROOM
From 7/9/86 To 13/9/86
BY [signature]
RAILWAY DEPARTMENT.

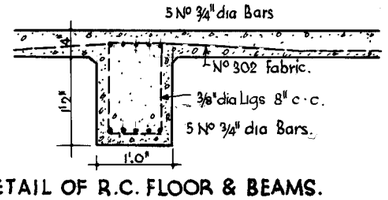


BASEMENT PLAN. SCALE: 1/8" = 1'-0"



CROSS SECTION.





DETAIL OF R.C. FLOOR & BEAMS.

RESTORATION OF CONCRETE FLOOR & BEAMS OVER M.U.R.L. BOX SECTIONS.

V. R.

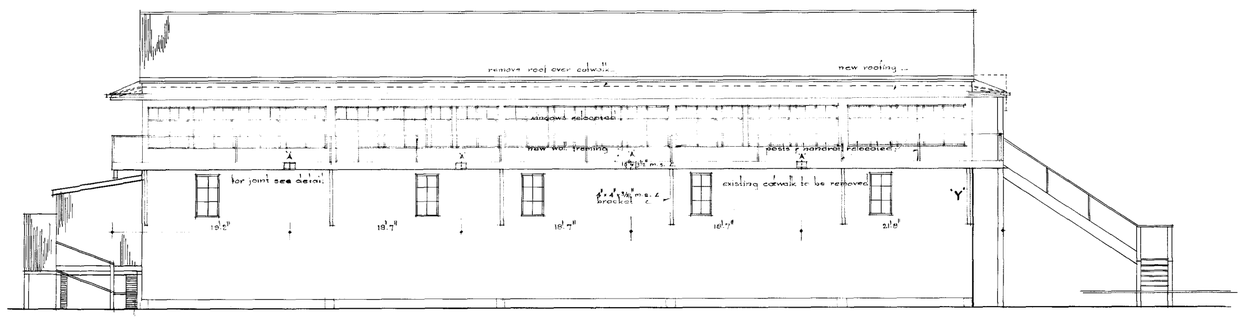
SPENCER ST. YARD
No 1 SIGNAL — BOX.
UNDER-PINNING FOR M.U.R.L.

P.R. Cook
ARCHITECT for DEPUTY CHIEF CIVIL ENGINEER.
14. 6. 73.

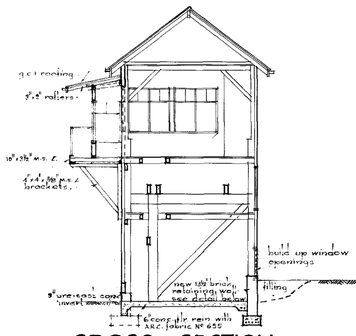
8.50 5.4.73
CHIEF CIVIL ENGINEER.

YB. 2488 PLAN No. C.

2488



FRONT ELEVATION.



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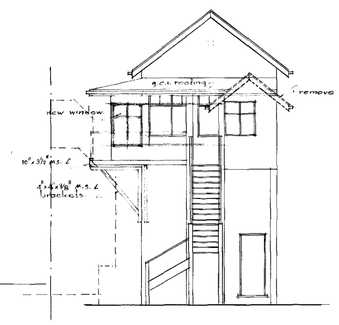
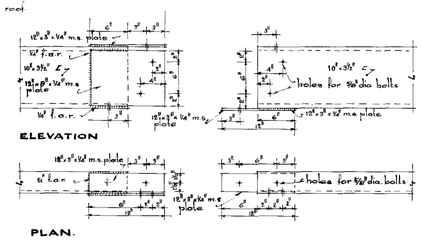
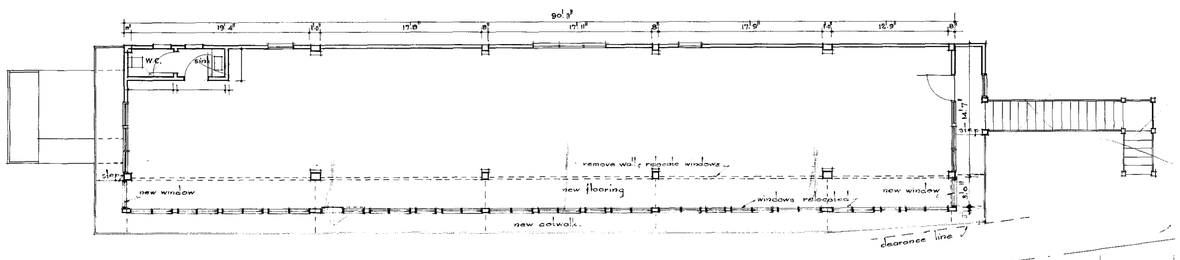


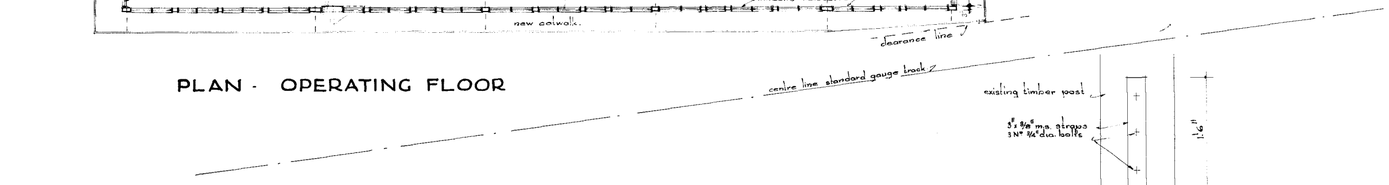
END ELEVATION.



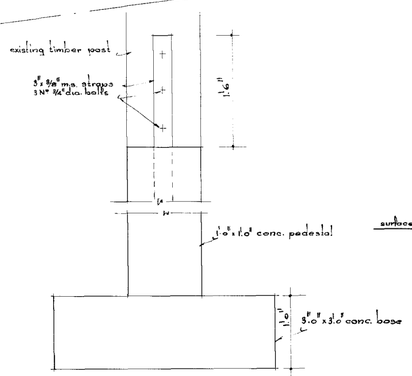
DETAIL AT 'A'



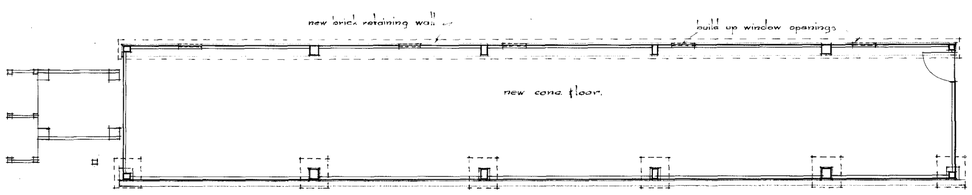
PLAN - OPERATING FLOOR



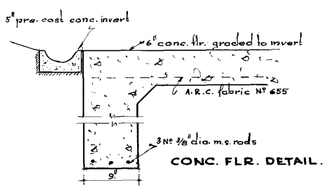
PLAN - MACHINE FLOOR.



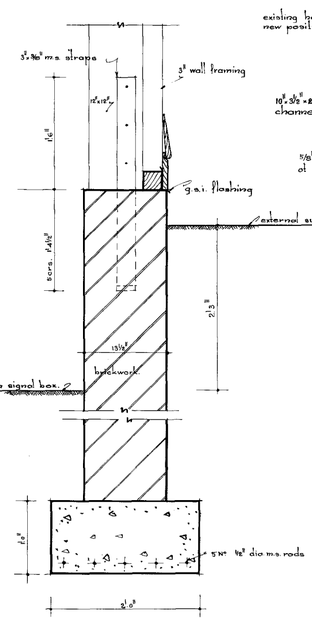
FOOTING DETAIL.



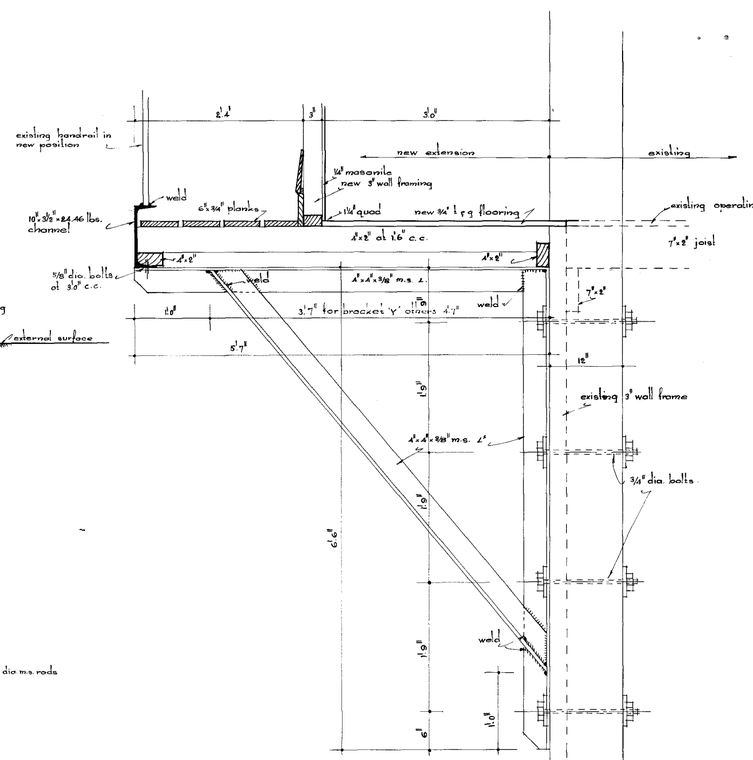
PLAN - BASEMENT
scale 1/8" = 1'-0"



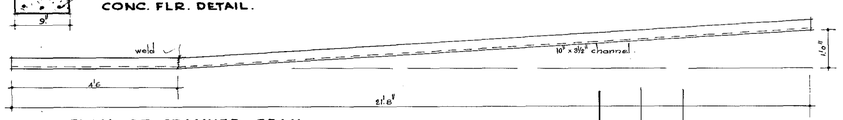
CONC. FLR. DETAIL.



DETAIL OF RETAINING WALL
scale 1" = 1'-0"



DETAIL OF BRACKET
scale 1" = 1'-0"



PLAN OF CRANKED BEAM.

revision	date	amendment	amended by	drawn	traced	checked	corres.
'B'	17-4-62	provision of conc. floor to basement	W.B.	W.B.			
'A'	16-2-62	windows lowered by 1'-6"	W.B.				

V.R.

SPENCER ST. YARD

PROPOSED EXTENSION TO NO 1 SIGNAL BOX.

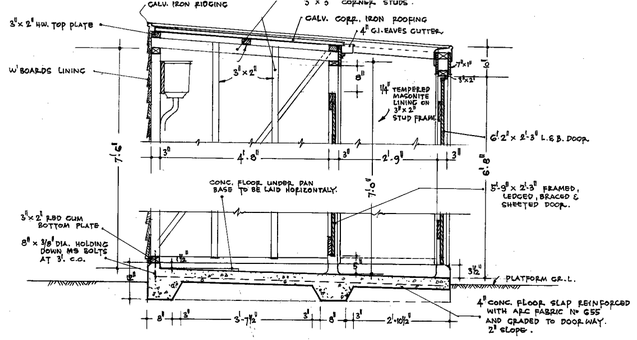
scales ⅛", ¼" - 1'-0"

T.R.W.R 28.11.61
Chief Civil Engineer

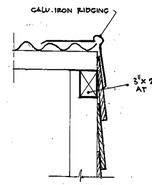
Senior Architect

B-311 | PLAN
A-64-4073-61

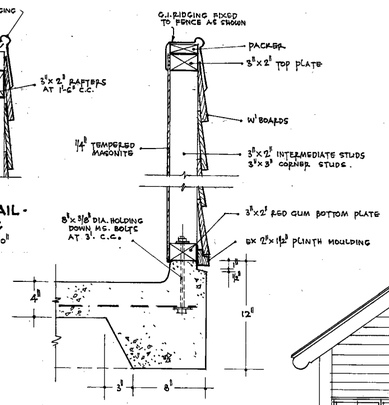
Completed 26.3.63



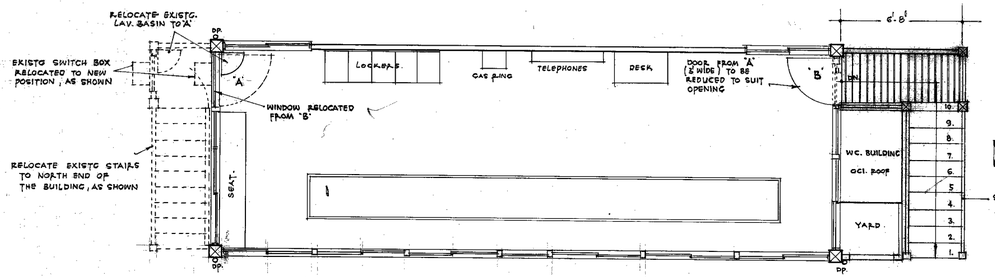
CROSS SECTION - A.A SCALE 1/2" = 1'-0"



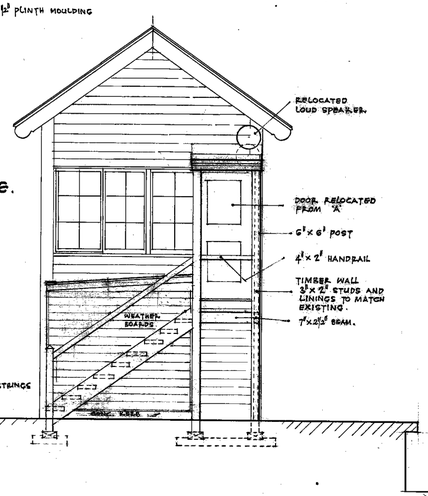
BARGE DETAIL - W.C. BUILDING
SCALE 1 1/2" = 1'-0"



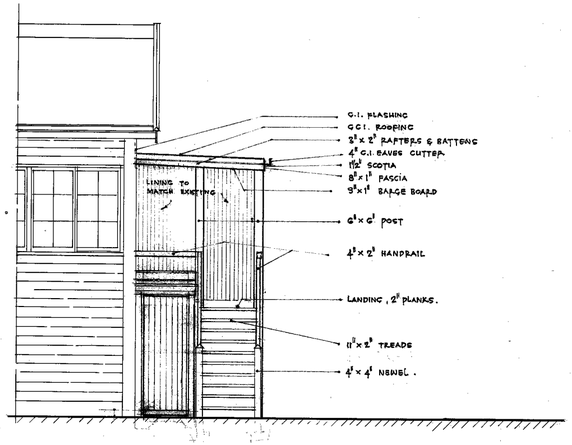
CROSS SECTION THRO FENCE.
SCALE 1 1/2" = 1'-0"



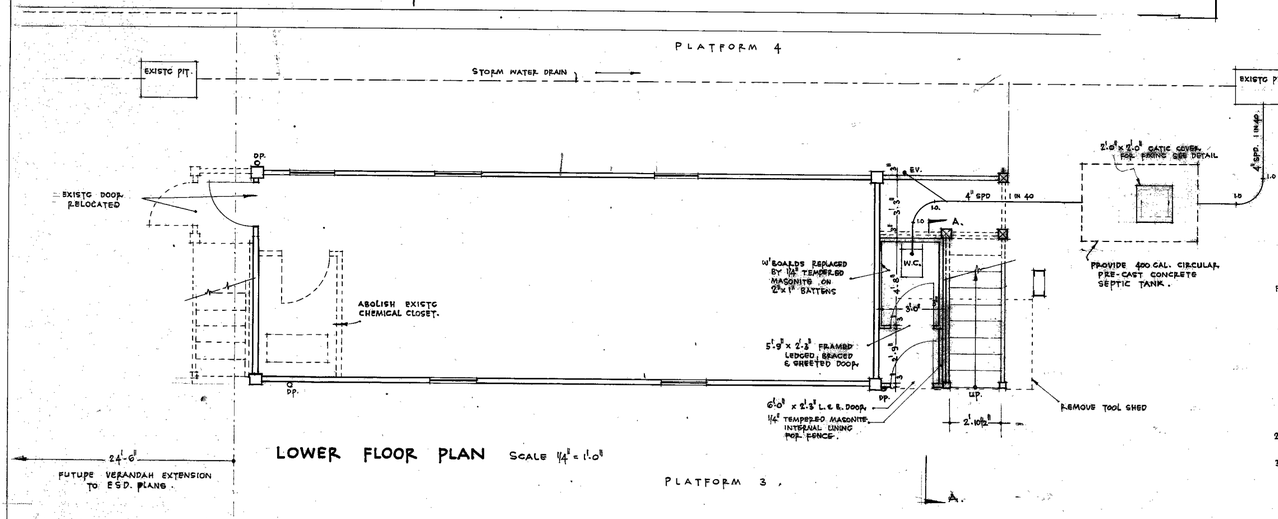
UPPER FLOOR PLAN



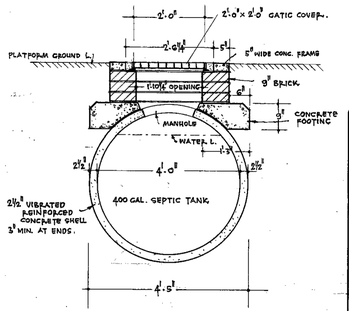
NORTH ELEVATION



PART EAST ELEVATION



LOWER FLOOR PLAN SCALE 1/4" = 1'-0"



CATIC COVER FIXING DETAILS.
SCALE : 1/2" = 1'-0"

REVISION	DATE	AMENDMENT	AMENDED BY:

DRAWN	TRACED	CHECKED	CORRECTN
K.J.			

SENIOR ARCHITECT

V.R.

SPENCER STREET STATION

PROPOSED REARRANGEMENTS TO WEST END SIGNAL BOX ON PLATFORM 3+4.

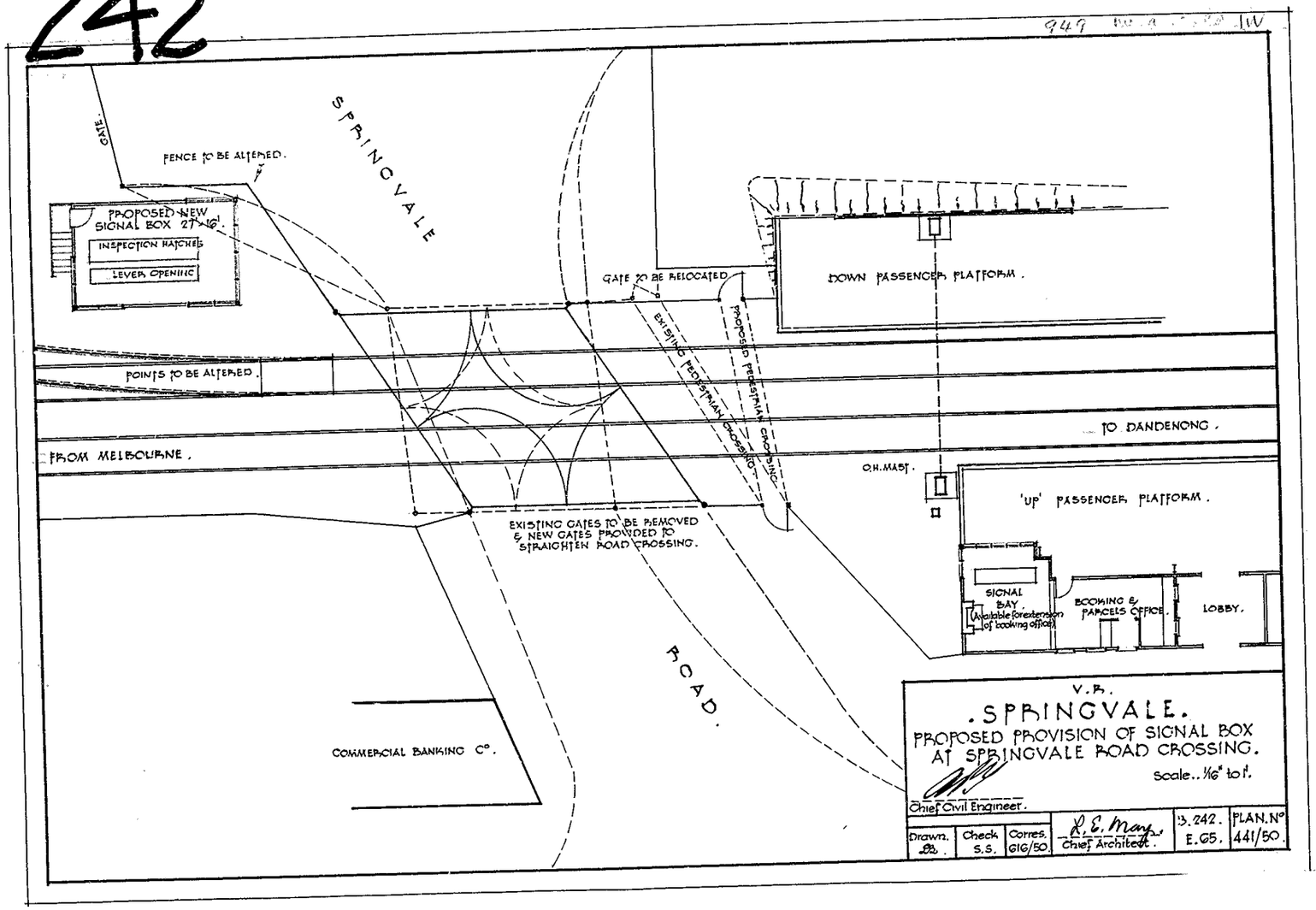
SCALES AS SHOWN.

14.6.62
CHIEF CIVIL ENGINEER.

SB 4033	PLAN No.
B 21	347-62.

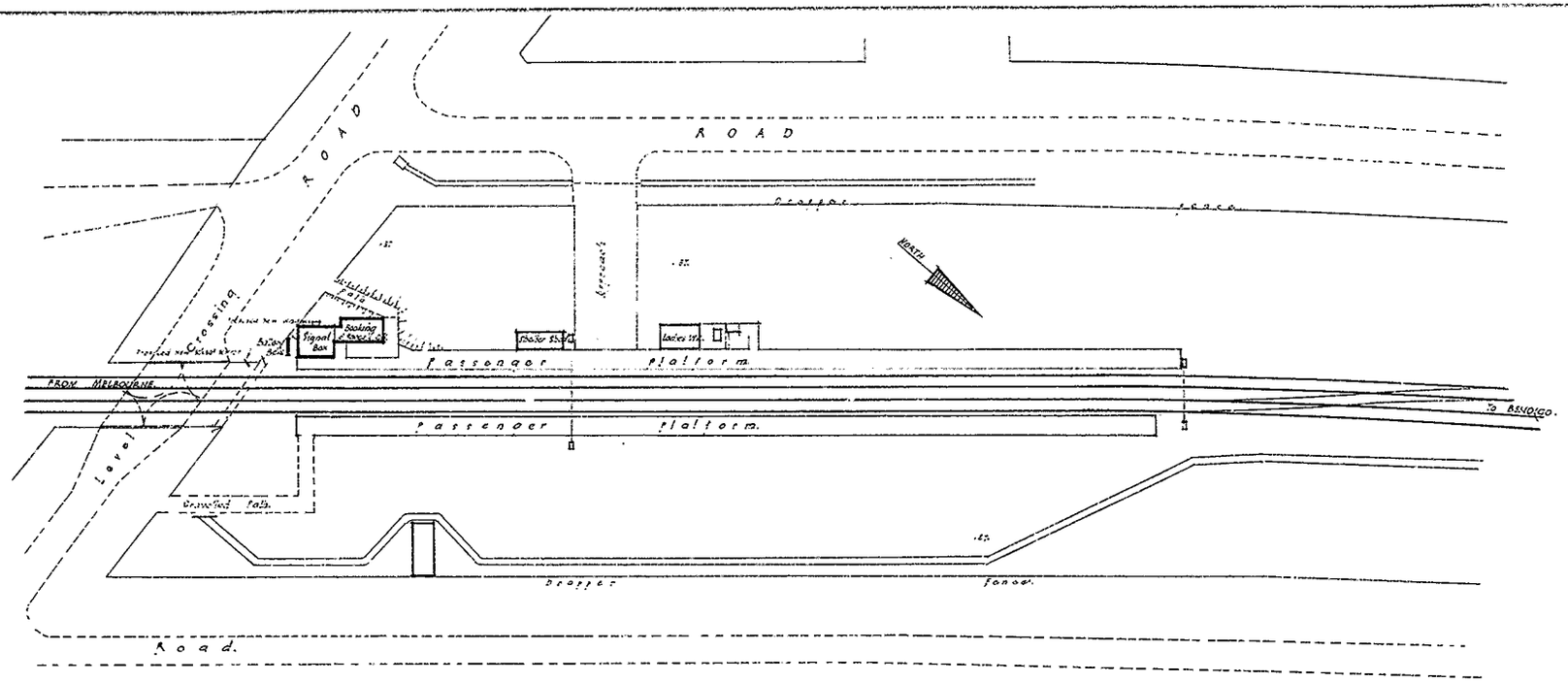
4033

242

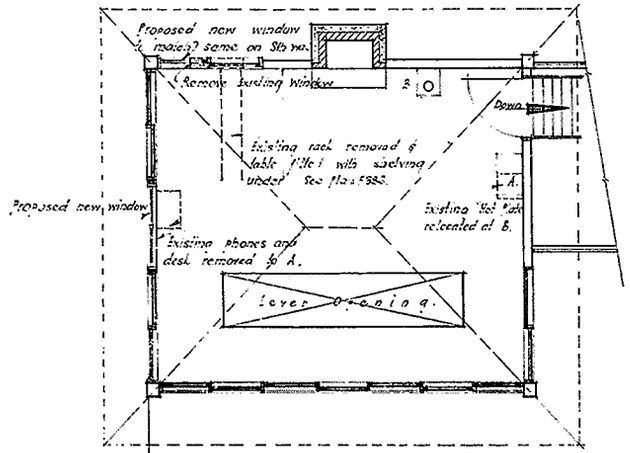


SPRINGVALE
ROAD.
GATE.
FENCE TO BE ALTERED.
PROPOSED NEW SIGNAL BOX 27'x16'.
INSPECTION HATCHES
LEVER OPENING
GATE TO BE RELOCATED
EXISTING PEDESTRIAN CROSSING
PROPOSED PEDESTRIAN CROSSING
DOWN PASSENGER PLATFORM.
POINTS TO BE ALTERED.
TO DANDENONG.
FROM MELBOURNE.
O.H. MAST.
'UP' PASSENGER PLATFORM.
EXISTING GATES TO BE REMOVED & NEW GATES PROVIDED TO STRAIGHTEN ROAD CROSSING.
SIGNAL BAY. (Available for extension of booking office)
BOOKING & PARCELS OFFICE.
LOBBY.
COMMERCIAL BANKING C°.
V.R.
.SPRINGVALE.
PROPOSED PROVISION OF SIGNAL BOX AT SPRINGVALE ROAD CROSSING.
Scale.. 1/16" to 1'.
Chief Civil Engineer.
Drawn. Check S.S. Corres. 616/50.
Chief Architect.
B.242. E.65.
PLAN.N° 441/50.

256



SITE PLAN
SCALE: 40'0" to 1".



Proposed new 30"x30" mirror fixed to existing post to suit SMs Line of vision -

PLAN OF SIGNAL BOX.
SCALE: 1/4" to 1'0"

Passenger platform.

Y.R.

ST. ALBANS.
PROPOSED ALTERATIONS TO SIGNAL BOX ETC.
Scales: 40' & 40' to 1"

1/7/53
Chief Civil Engineer
Work Completed.

Drawn	Check	Corres		B 256	PLAN No.
T.D.C.	W.J.V.		Senior Architect	B.65.	371-53.

VICTORIAN RAILWAYS.

LINE.

SIGNAL BOX AT

NOTE PORCH, STAIRS AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER

CONTRACT No.
No

SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH
DETAILS ½TH FULL SIZE.

PART LONGITUDINAL SECTION

SECTION D.D.

FRONT ELEVATION

TRANSVERSE SECTION

END ELEVATION

LOWER FLOOR PLAN

UPPER FLOOR PLAN

DETAIL OF WINDOWS & PORCH

SECTION CC.

METHOD OF CONNECTING ANGLE POSTS AND PLATES

DETAIL OF FOOT OF APPARATUS STANDARD

VENTILATOR

DETAIL OF SLIDING SASHES SECTION B.B

DETAIL OF PORCH DOOR.

DETAIL OF PORCH WINDOW.

SECTION AA

VICTORIAN RAILWAYS
PLAN ROOM
JUL 3 1948

RAILWAY DEPARTMENT, MELBOURNE OCT 3 1888

4046
4 6 40
K.5.3.

10

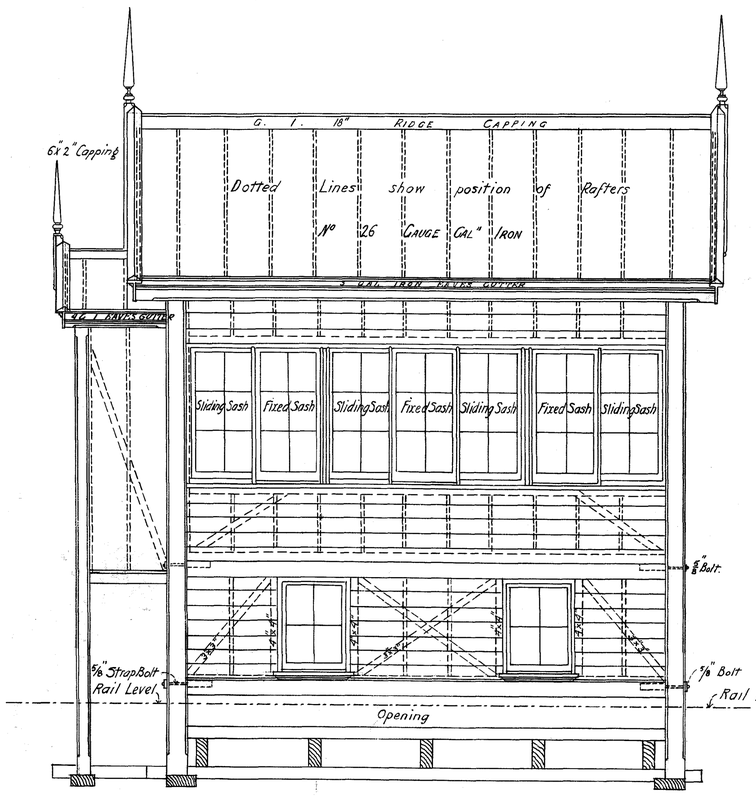
VICTORIAN RAILWAYS.

SIGNAL BOX

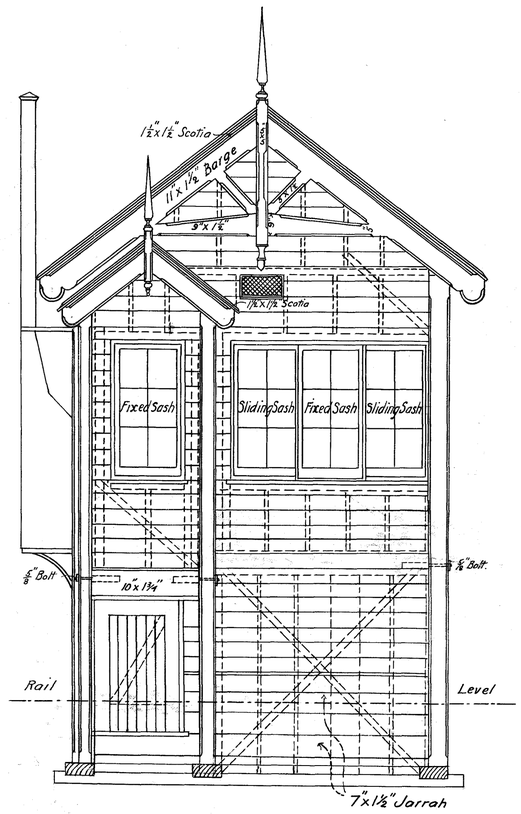
SCALE 4 FEET TO AN INCH

{SIZE 17'.4".X 12'.3". 5'.0". ABOVE RAIL}

No 1



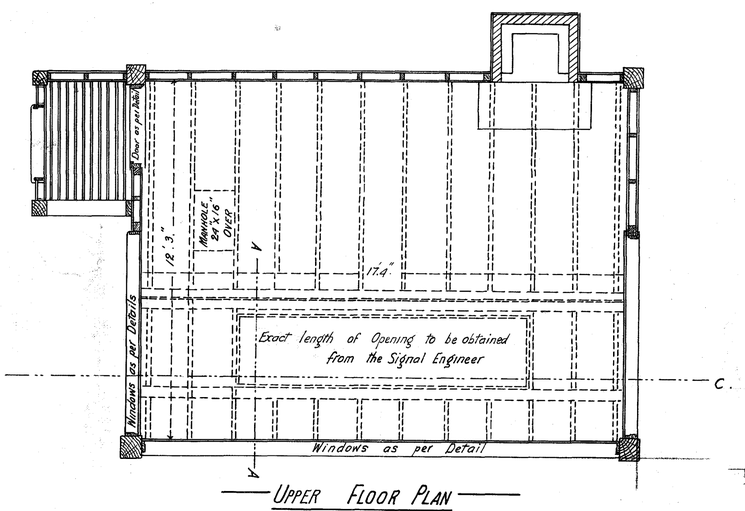
FRONT ELEVATION



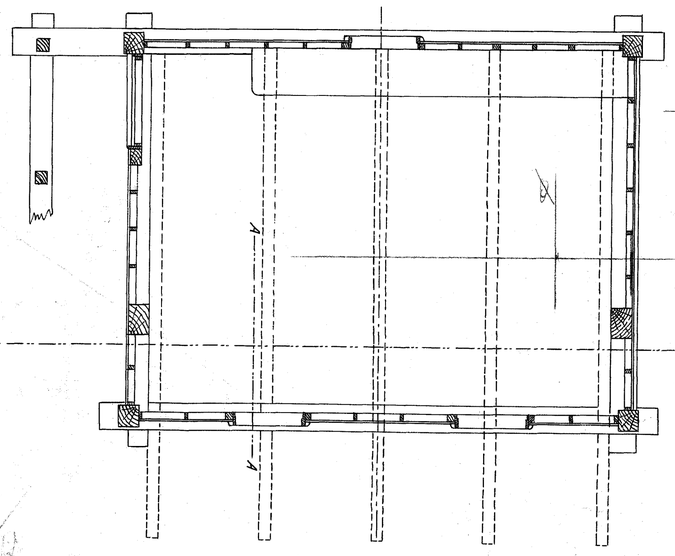
END ELEVATION

SCANTLINGS

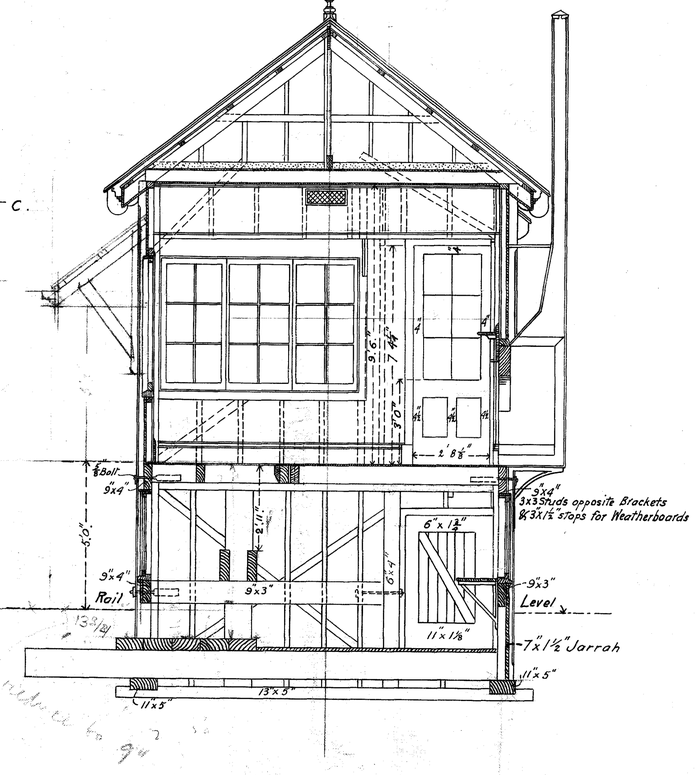
Lower Floor Joists	12"X5"
Apparatus Standards	12"X9"
Angle Posts	8"X8"
Porch Posts	6"X6"
Trimmer Studs & Heads	3"X3"
Intermediate Studs	3"X2"
Fillet Studs	3"X1½"
Diagonal Bracing	3"X1½"
" " Lower Front Walls	3"X3"
Trimmer Sills	3"X2"
Main Ceiling Joists	5"X1½"
Collar Ties	3"X1½"
Binder	6"X1½"
Hanging Pieces	3"X1½"
Ridge Piece	11"X1¼"
Porch Ceiling Joists & Rafters	3"X2"
Purlins	3"X2"
Upper Floor Joists	7"X2½"
T&G Flooring Hoop Pine	
Weatherboards Tasmanian H.W.	6"
T & G & V Jointed Lining (Walls) Hoop	4"X⅝"
T G & V " " Lining Ceiling Soffits Pine	
Main Eaves Board	11"X1½"
Porch	8"X1½"
Skirting Main	9"X1"
Skirting Porch	9"X1"
Sash Stiles & Top Rails	2½"X1¾"
Sash bottom Rails Lower & Sliding Sashes	3½"X1¾"
" " " Fixed Sashes	3½"X1¾"
Muntines	4"X2½"
Glass throughout	16"X12"



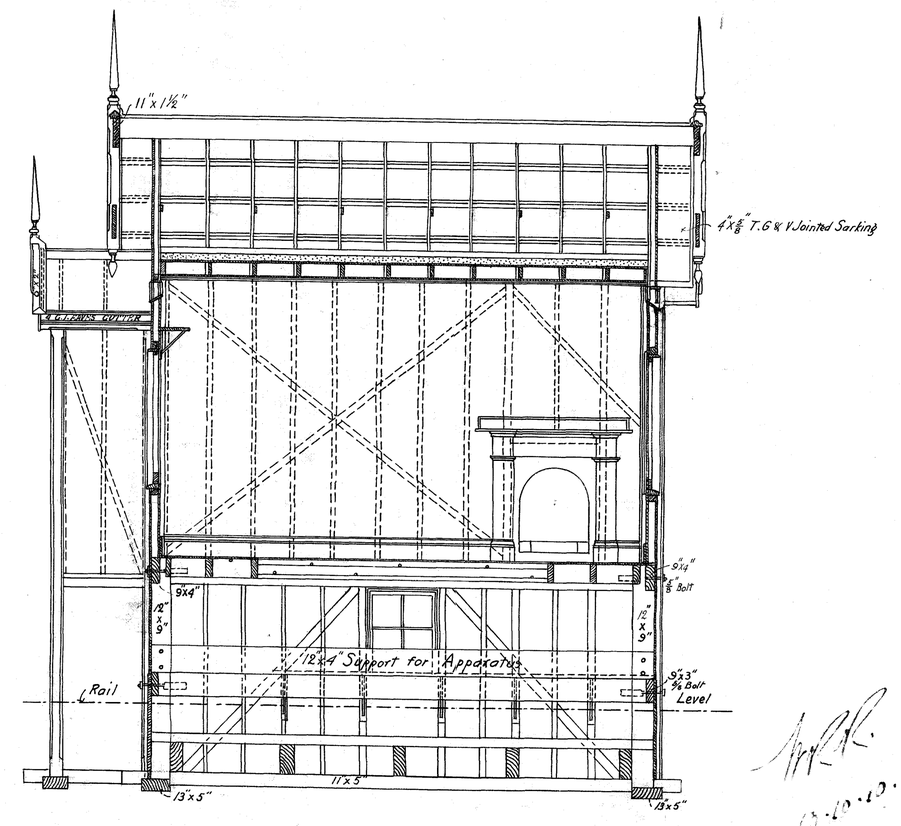
UPPER FLOOR PLAN



LOWER FLOOR PLAN



CROSS SECTION



SECTION C.C.

13.10.10

10.10.10

B 151
B 65

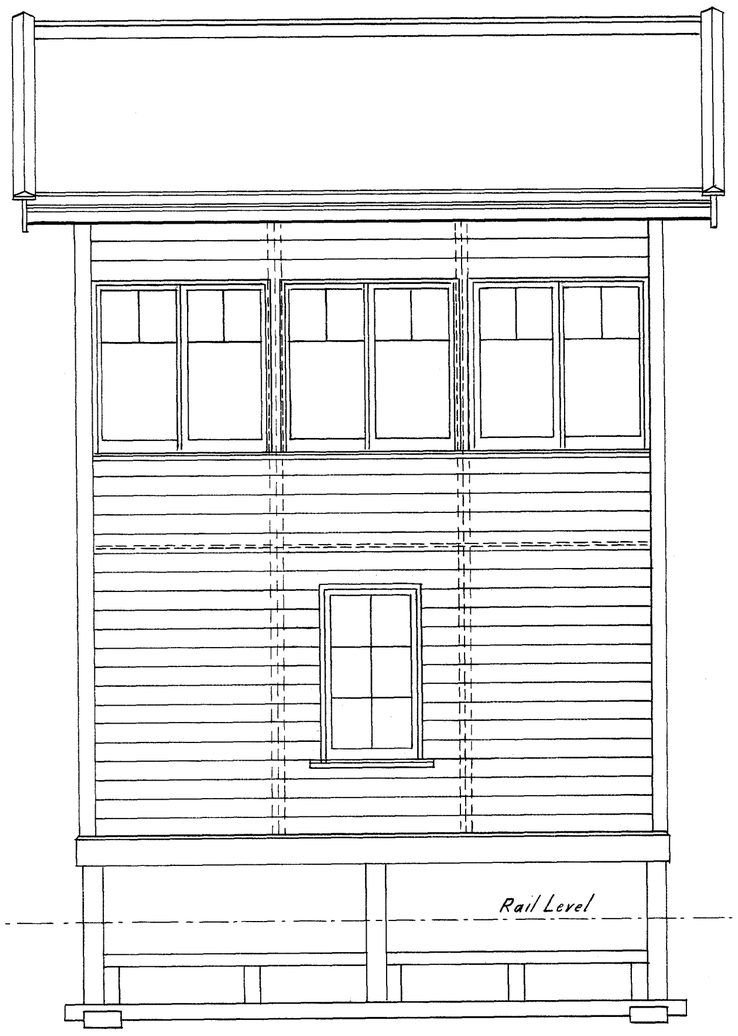
2682-10

24045
4 6 50
K. 5. 3.

SIGNAL BOX FOR 25 LEVER MACHINE. FLOOR 10 Ft ABOVE RAIL.

Scale 4 Ft to an Inch.

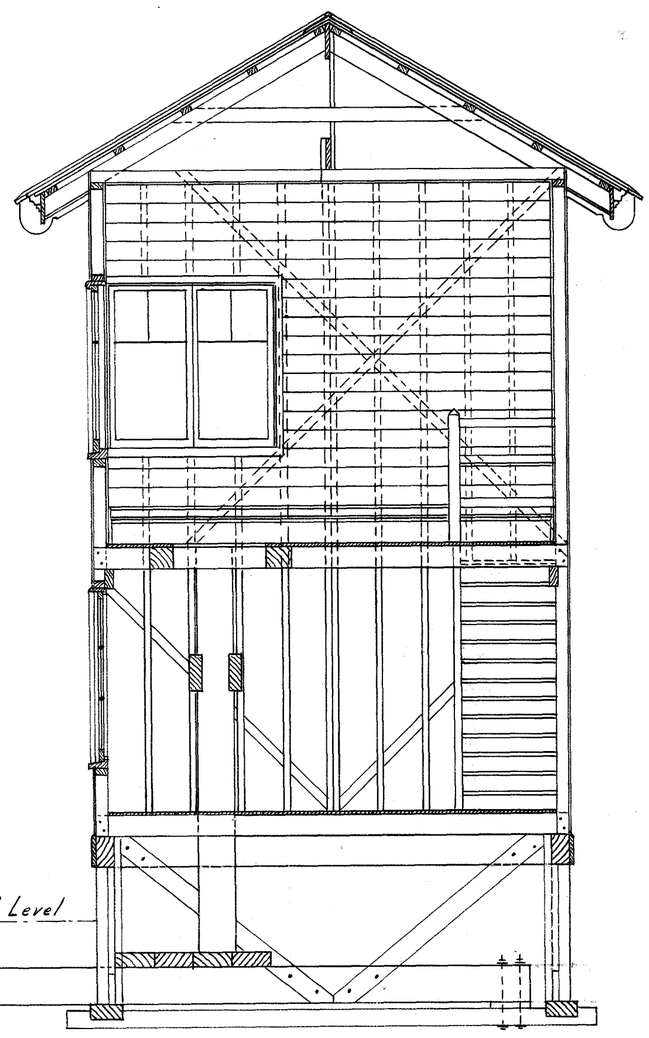
Finial (See Section C.D.)



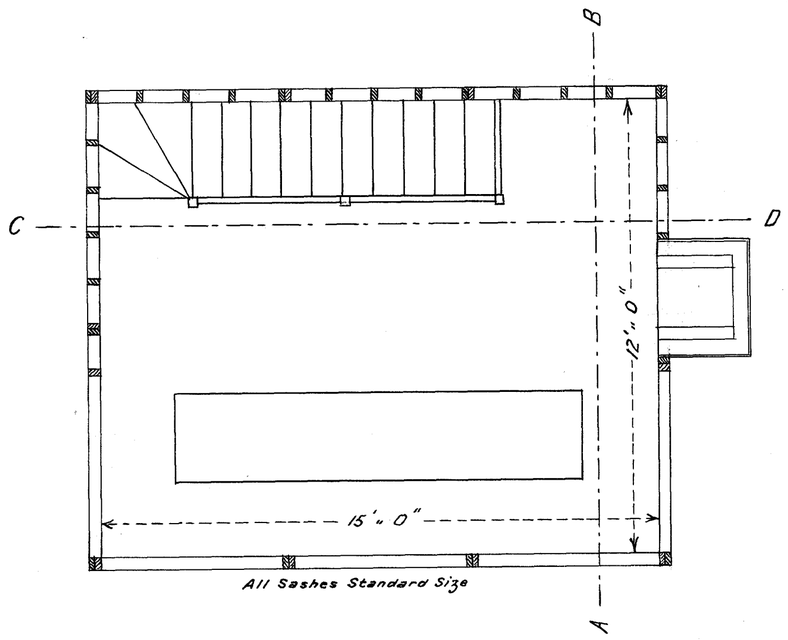
ELEVATION.

Finial (See Section C.D.)

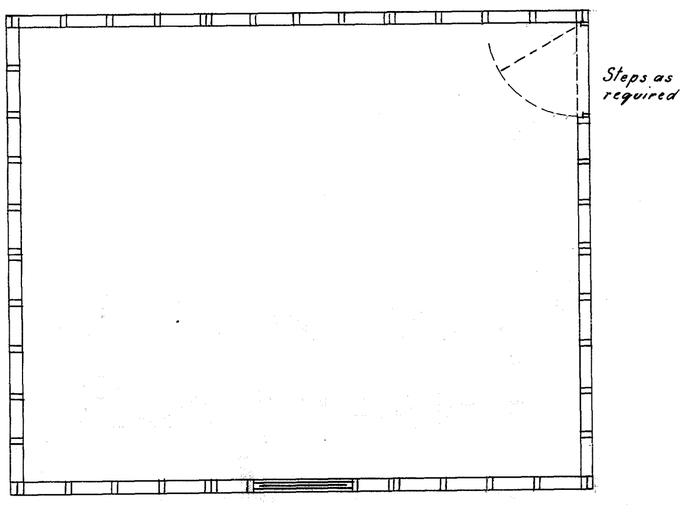
Finial (See Section C.D.)



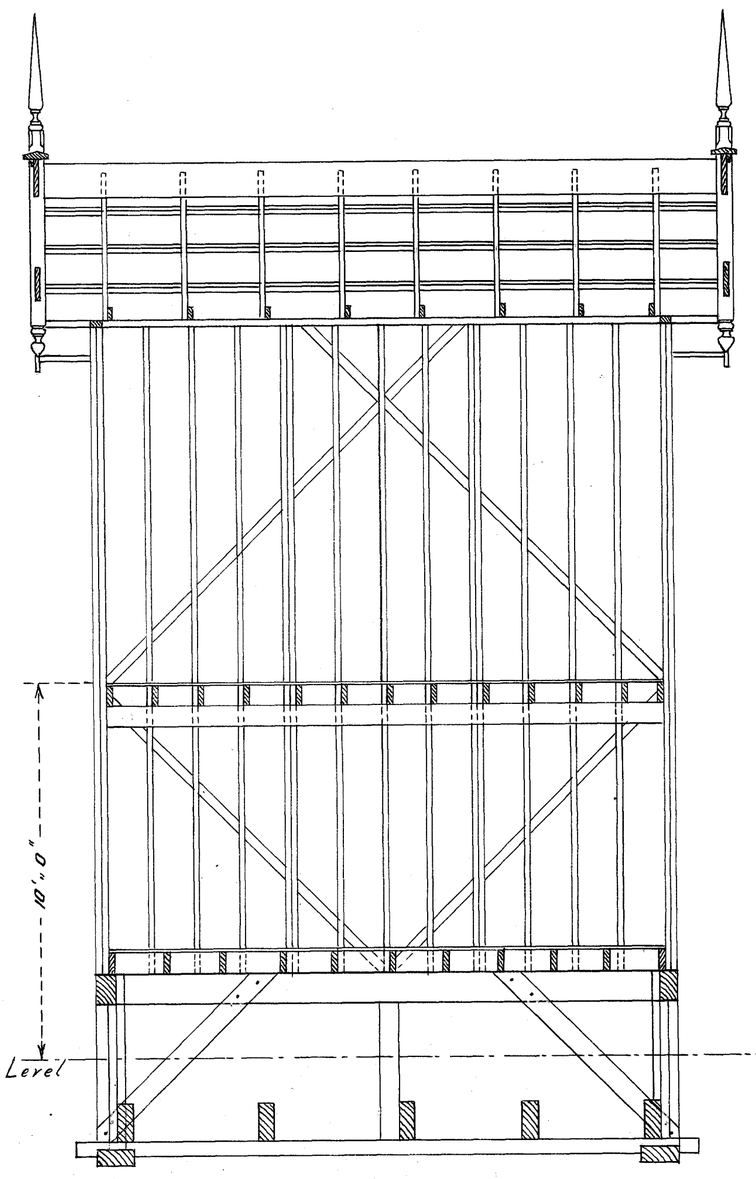
SECTION "A-B"



FIRST FLOOR PLAN



GROUND PLAN



LONGITUDINAL SECTION "C-D"

(Lining, Stairs and Fittings not shown.)

B 86
B 65

1566-11

B233

VICTORIAN RAILWAYS.

LINE.

SIGNAL BOX AT

NOTE PORCH, STAIRS AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER

CONTRACT No.
No

SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH
DETAILS ½TH FULL SIZE.

PART LONGITUDINAL SECTION

SECTION D.D.

FRONT ELEVATION

TRANSVERSE SECTION

END ELEVATION

LOWER FLOOR PLAN

UPPER FLOOR PLAN

DETAIL OF WINDOWS & PORCH

SECTION CC.

METHOD OF CONNECTING ANGLE POSTS AND PLATES

DETAIL OF FOOT OF APPARATUS STANDARD

VENTILATOR

DETAIL OF SLIDING SASHES SECTION B.B

DETAIL OF PORCH DOOR.

DETAIL OF PORCH WINDOW.

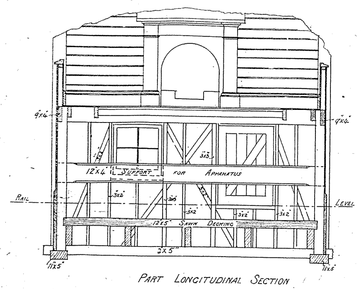
SECTION AA

VICTORIAN RAILWAYS
PLAN ROOM
JUL 3 1948

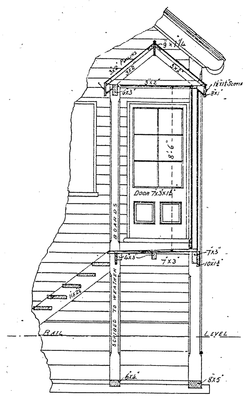
RAILWAY DEPARTMENT, MELBOURNE OCT 3 1888

Newport (W.) & Williamstown (Dock) LINE.

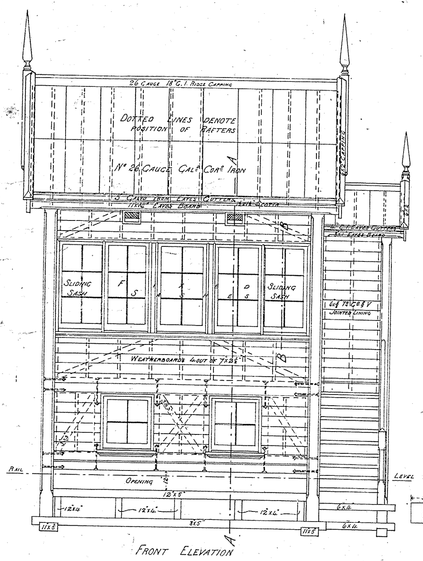
SIGNAL BOX AT Spotswood Junction.



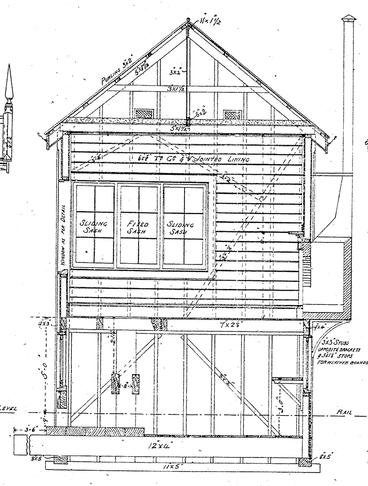
PART LONGITUDINAL SECTION



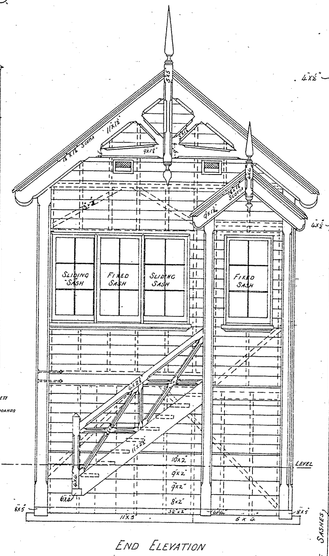
SECTION D.D.



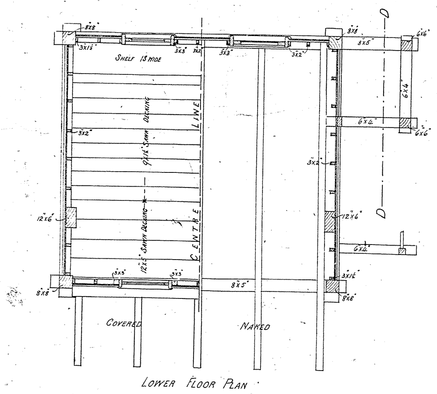
FRONT ELEVATION



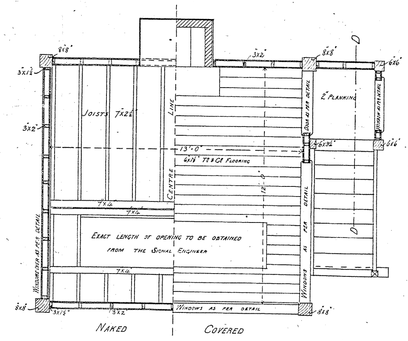
TRANSVERSE SECTION



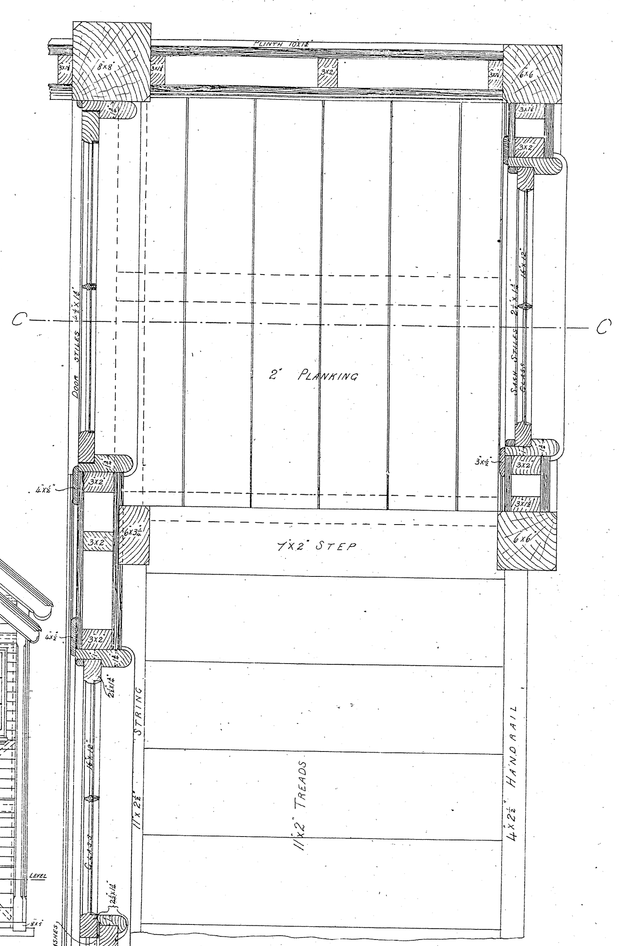
END ELEVATION

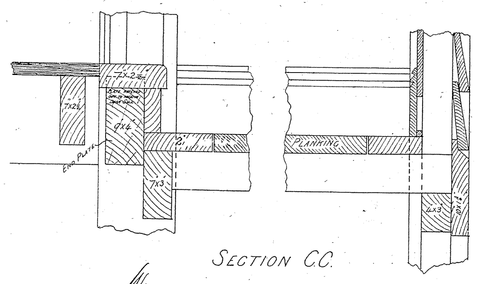


LOWER FLOOR PLAN

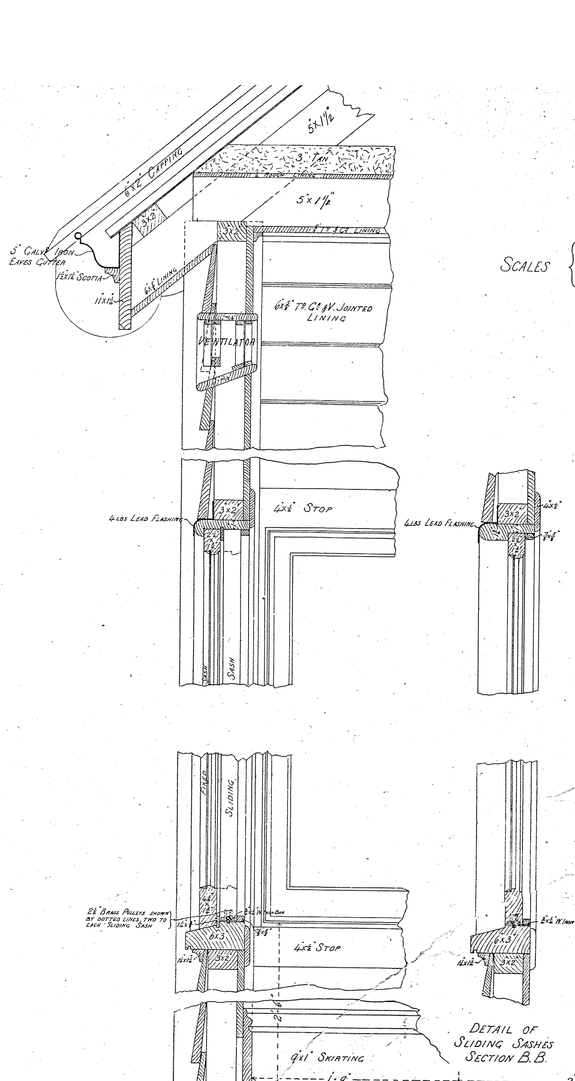


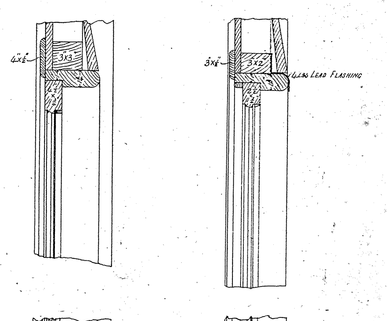
UPPER FLOOR PLAN



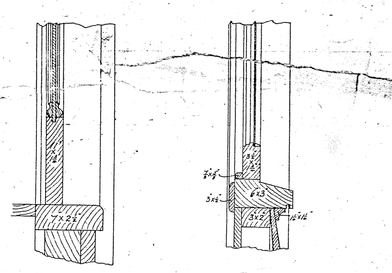


SECTION C.C.



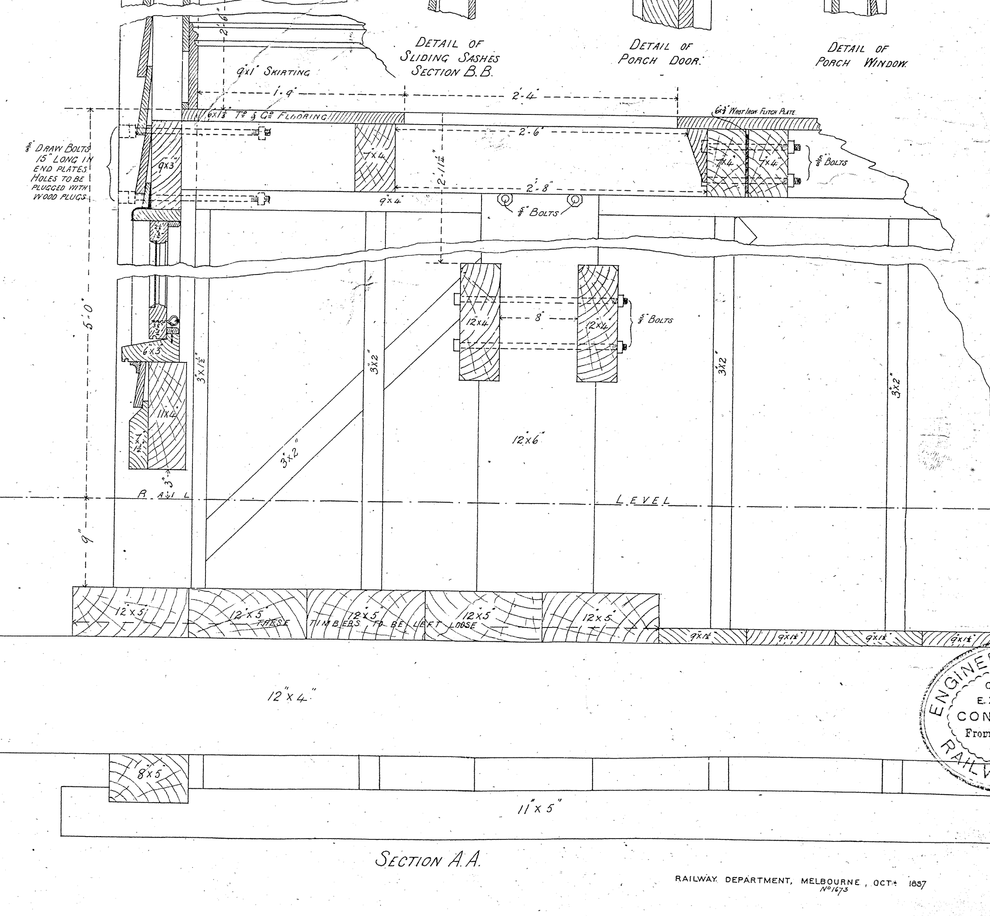


DETAIL OF SLIDING SASHES SECTION B.B.

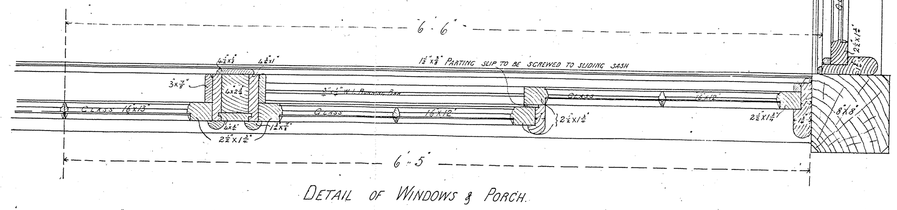


DETAIL OF PORCH DOOR.

DETAIL OF PORCH WINDOW



SECTION A.A.



DETAIL OF WINDOWS & PORCH.

I accept this design as conforming to the Specification and Conditions referred to in the Advertisement dated 21st day of October 1887

Signature of Contractor [illegible]

Witness to Signature [illegible]

29/11/89

ENGINEER IN CHIEF'S OFFICE
CONTRACT No. 3078
EXHIBITED IN THE CONTRACTORS' ROOM
From 1/12/89
By [illegible]
RAILWAY DEPARTMENT

SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH. DETAILS ⅛TH FULL SIZE.

RAILWAY DEPARTMENT, MELBOURNE, OCTr 1887

VICTORIAN RAILWAYS PLAN ROOM 1919

VICTORIAN RAILWAYS.

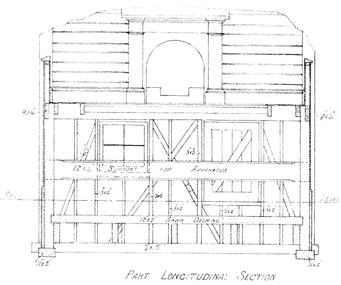
Maryborough & Avoca Line.

Signal Box at Maryborough

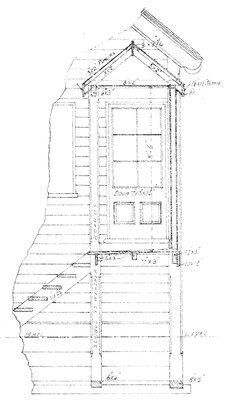
CONTRACT Nº 3098

NOTE PORCH STAIRS AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER

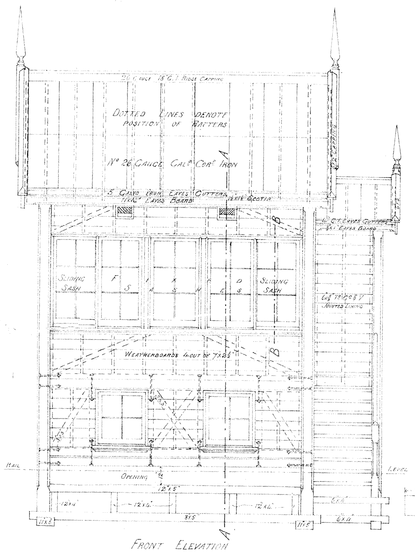
SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH. DETAILS ⅛TH FULL SIZE.



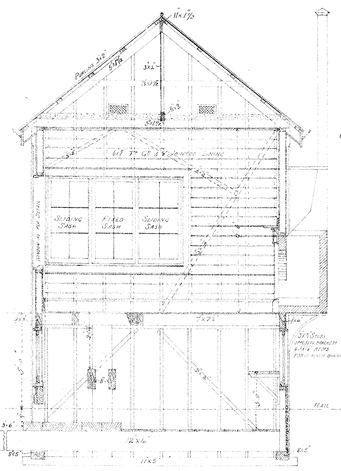
PART LONGITUDINAL SECTION



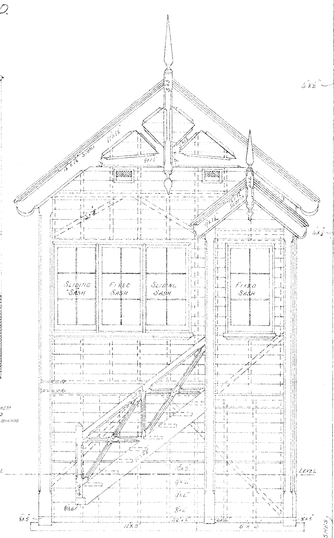
SECTION D.D.



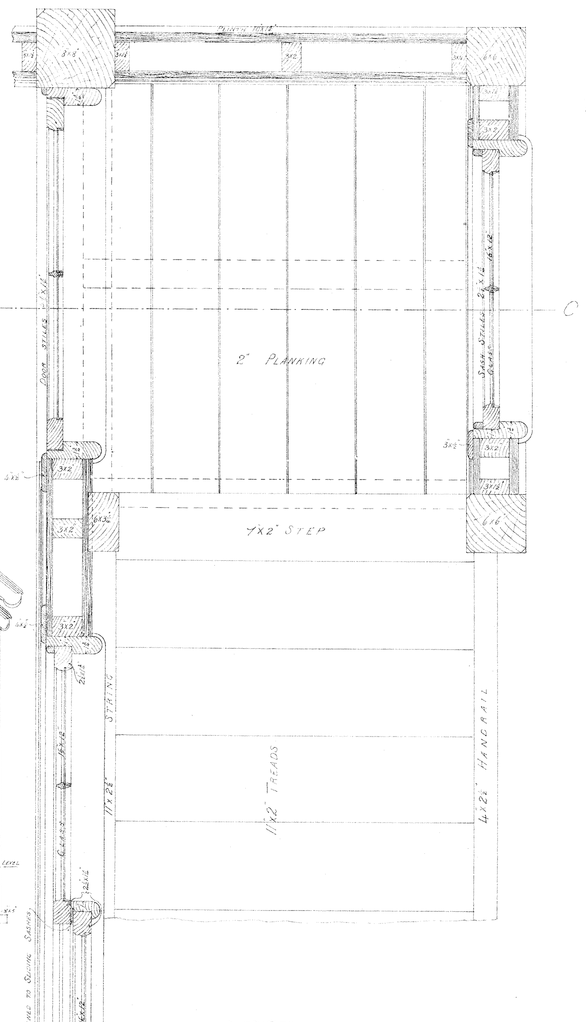
FRONT ELEVATION

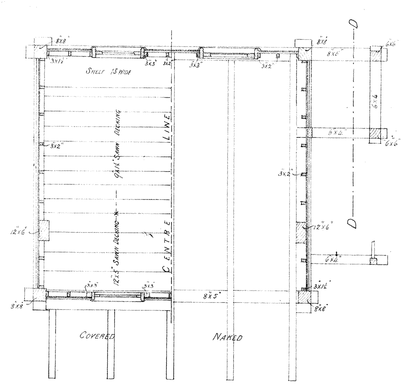


TRANSVERSE SECTION

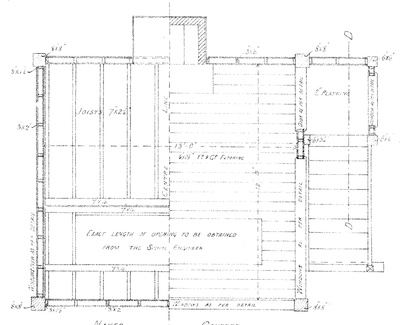


END ELEVATION

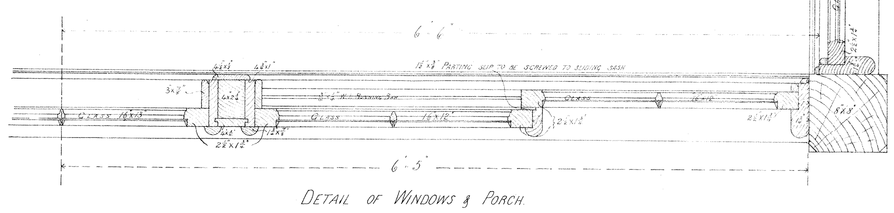




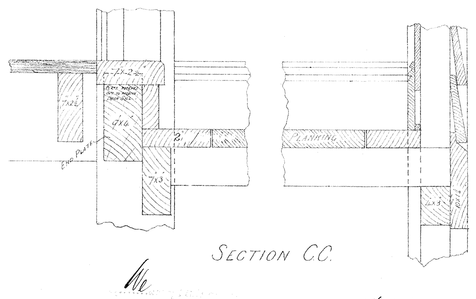
LOWER FLOOR PLAN



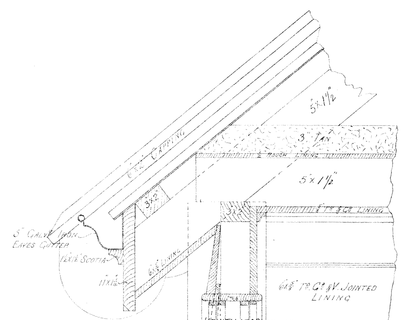
UPPER FLOOR PLAN

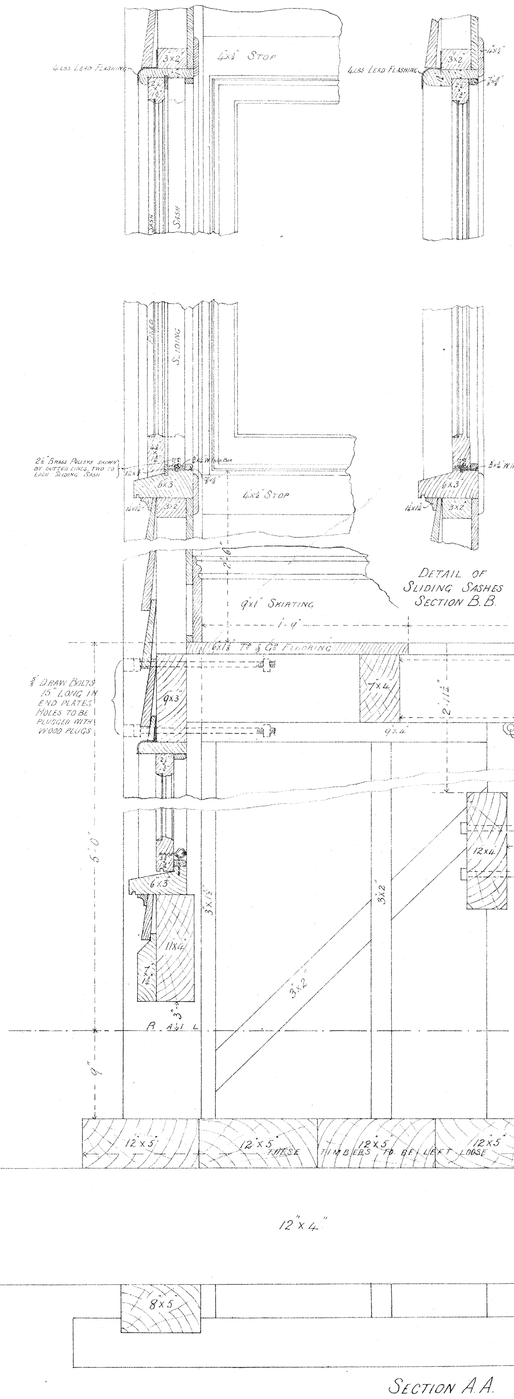


DETAIL OF WINDOWS & PORCH.



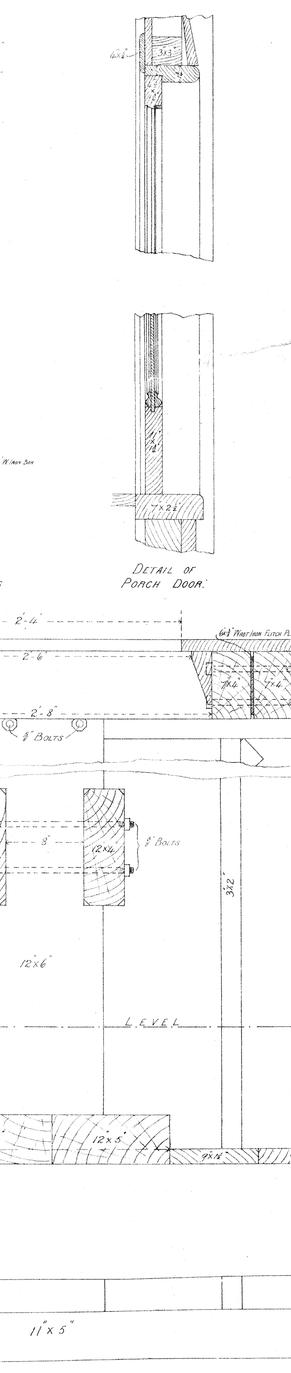
SECTION C.C.



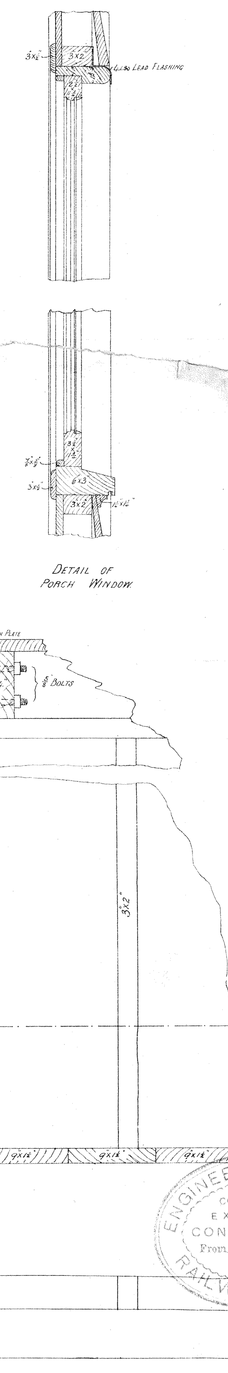


SECTION A.A.

DETAIL OF SLIDING SASHES SECTION B.B.



DETAIL OF PORCH DOOR.



DETAIL OF PORCH WINDOW

23194
B 7.4

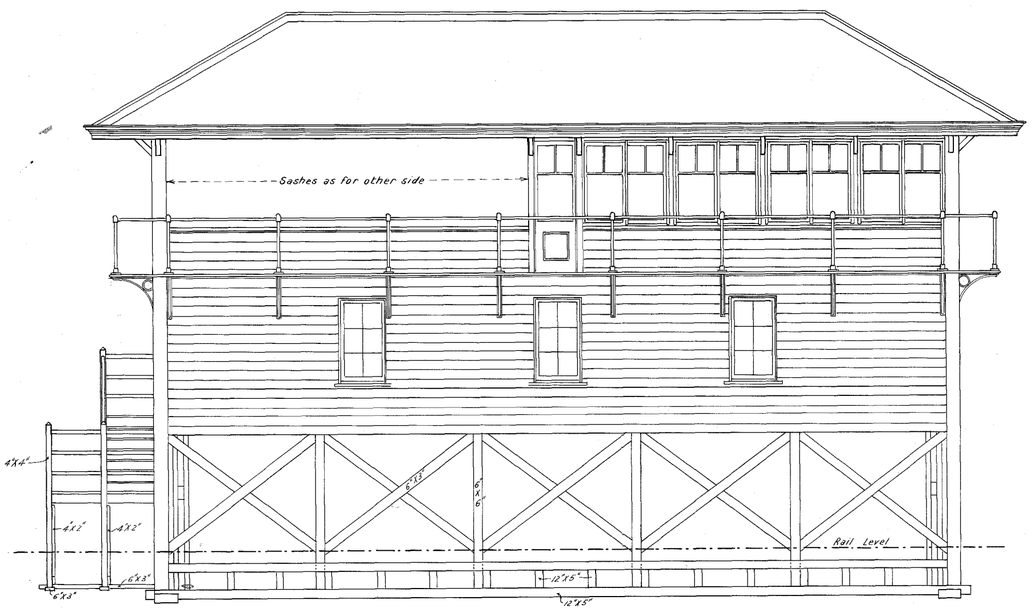
415 RWL

V. R.

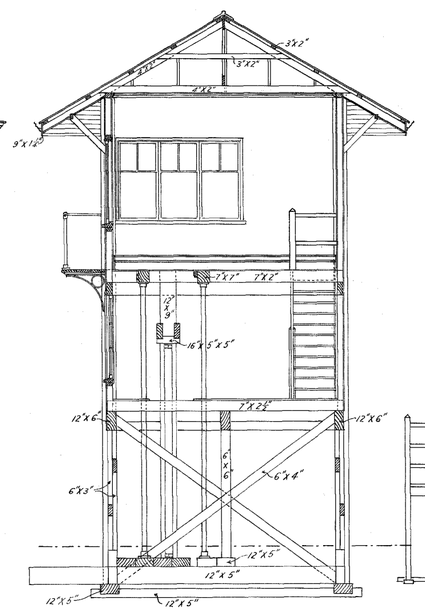
SIGNAL BOX AT SUNSHINE

Scale 4 Feet to an Inch

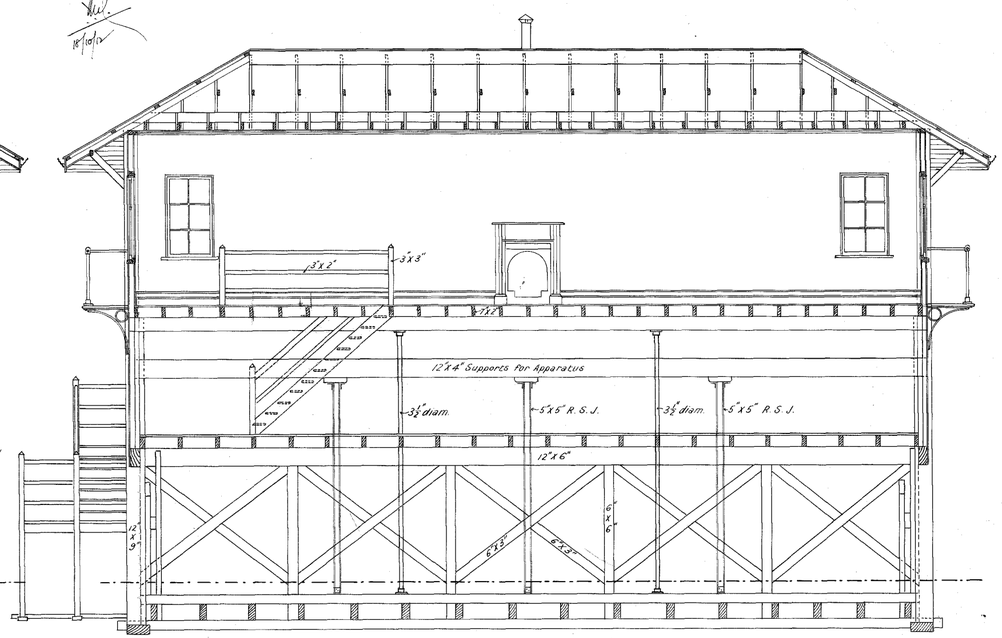
E.G.S.B.



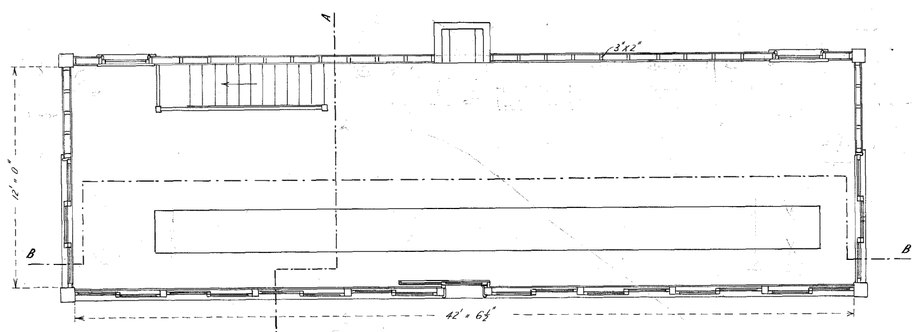
Front Elevation



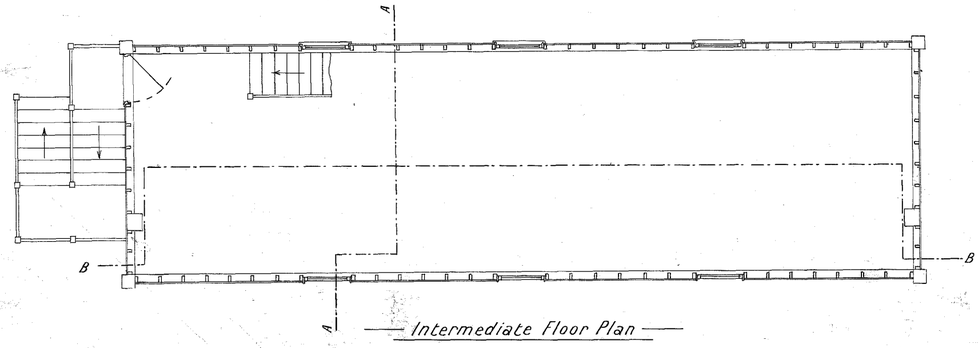
Section A-A



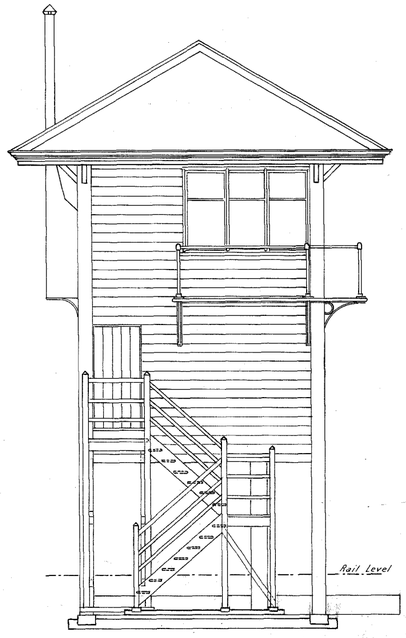
Longitudinal Section B-B



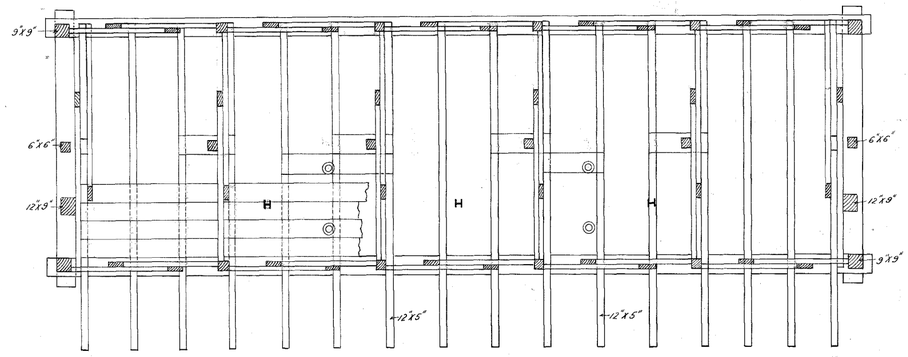
Upper Floor Plan



Intermediate Floor Plan



End Elevation



Ground Plan

2389-12

B-20
A-64

Instructions issued 8/11/11.

251

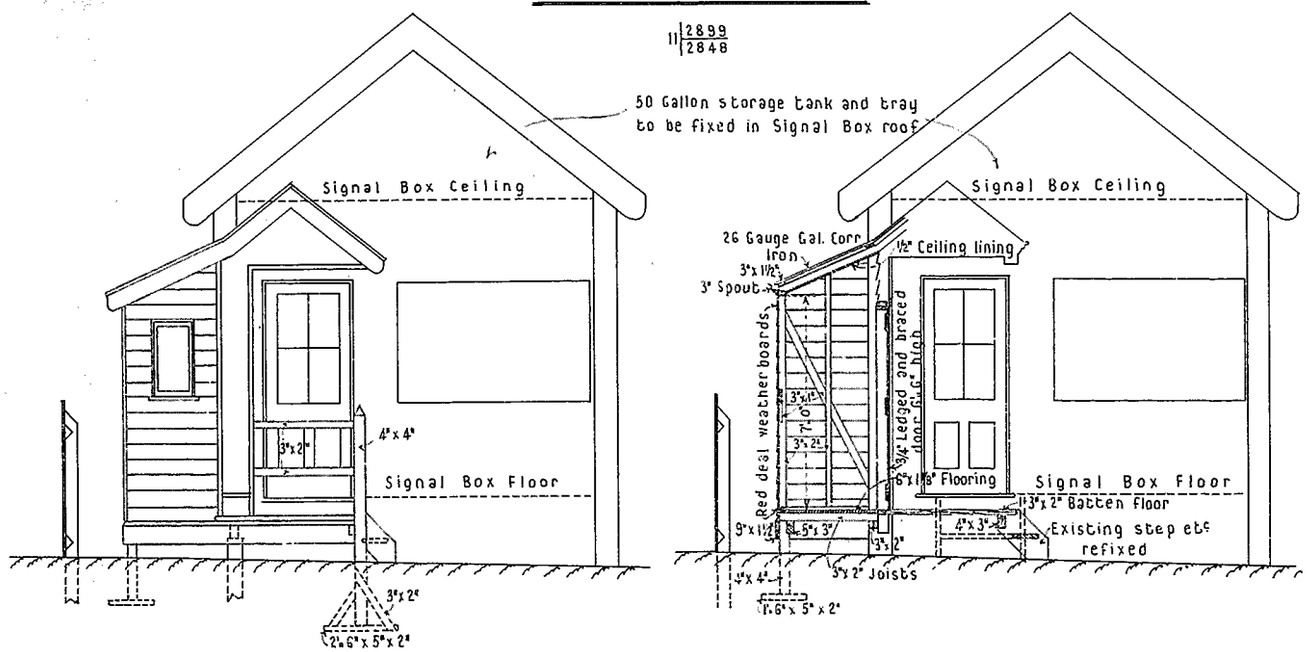
V R

SURREY HILLS STATION

Signal Box Closet

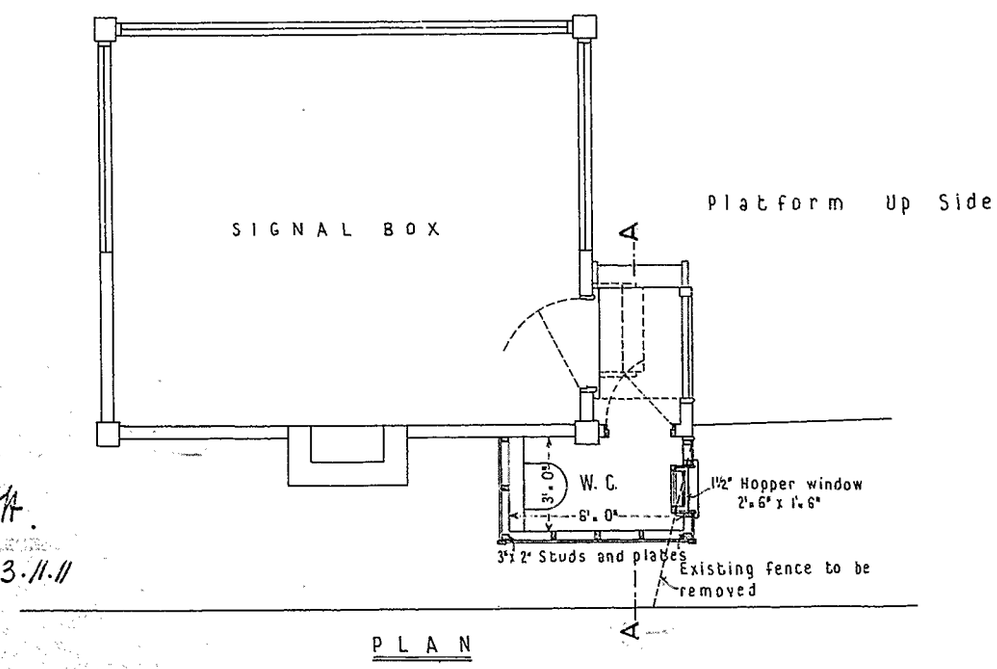
Scale 4 Feet to an Inch

11 | 2899 / 2848



ELEVATION

SECTION A.A.

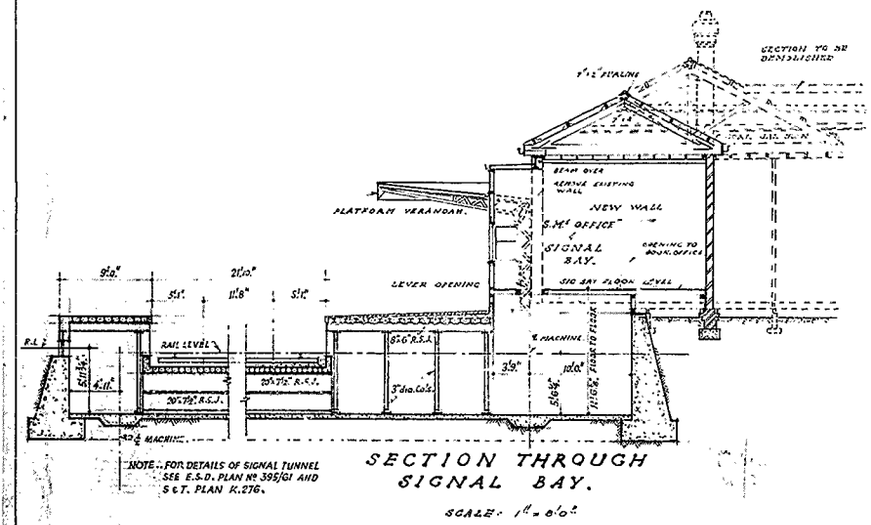


PLAN

I.W.H.
per S.B. 3.11.11

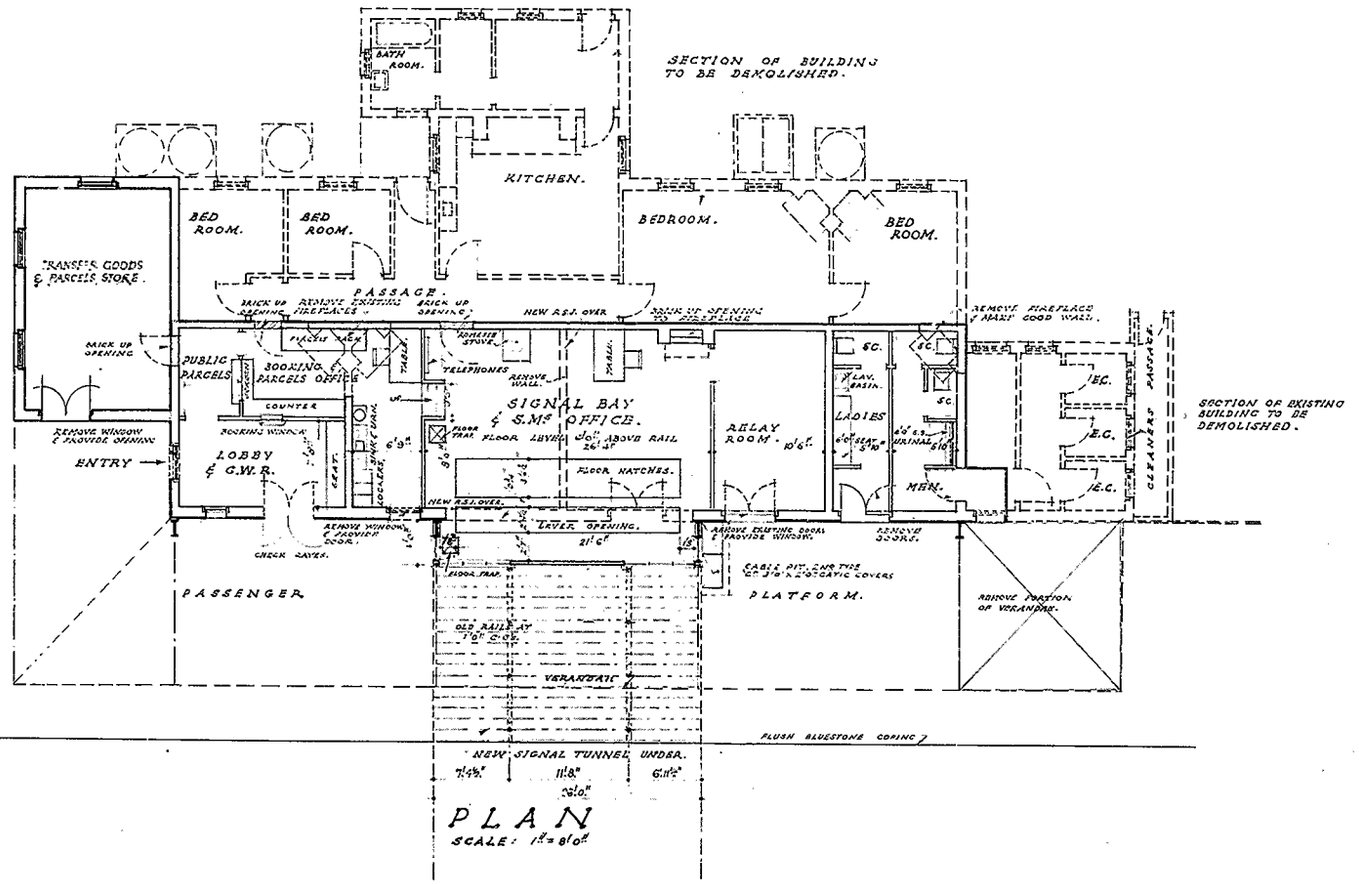
2425.11

S. 251.
D. 67.



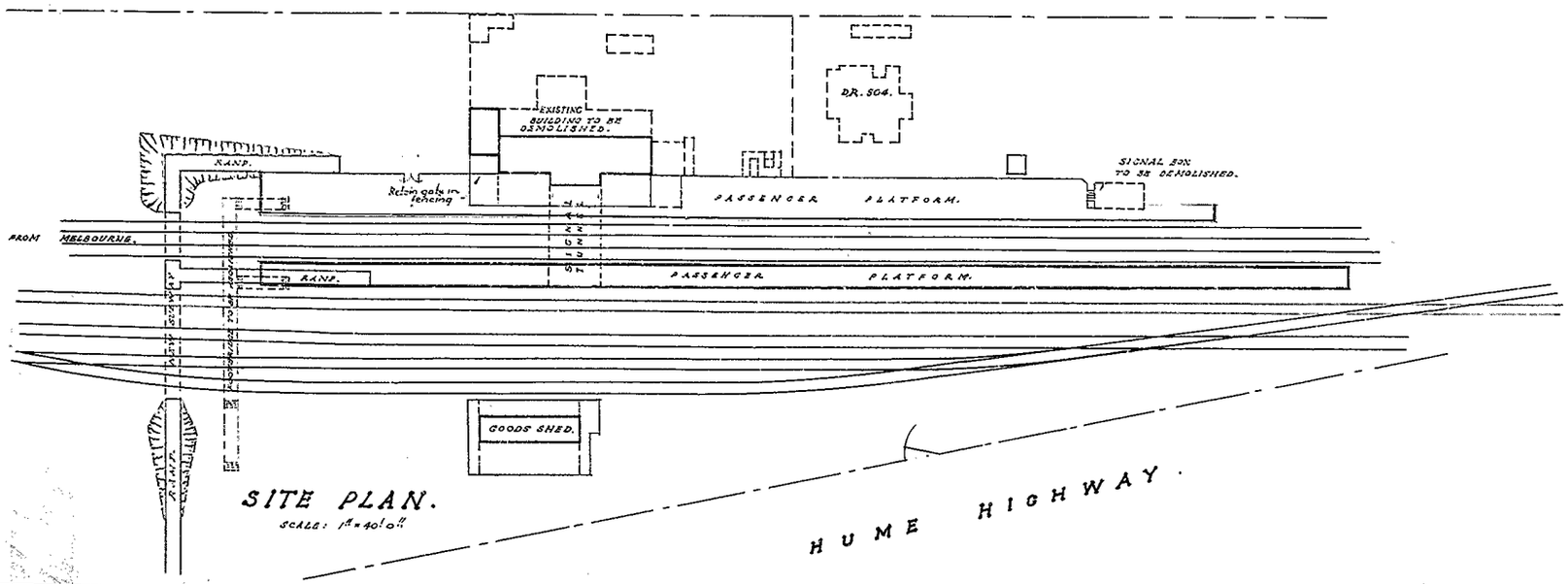
SECTION THROUGH SIGNAL BAY.

SCALE: 1" = 6'0"



PLAN

SCALE: 1" = 8'0"



SITE PLAN.

SCALE: 1" = 40'0"

REVISION	DATE.	DESCRIPTION.	AMENDED BY.
'B'.	11-7-61.	DEEPENING & EXTENSION OF SIGNAL TUNNEL UNDER TRACKS.	GB.
'A'.	17-10-60.	GENERAL PLAN. PROVISION OF CABLE PITS ADJACENT TO SIGNAL TUNNEL. SITE PLAN. EXTENSION OF SIGNAL TUNNEL UNDER L'O PLATFORM.	G.R.B.

V.R.

TALLAROOK.

PROVISION OF NEW SIGNAL BAY & ALTERATIONS TO STATION BUILDINGS.

T.V.R. 24.6.60
CHIEF CIVIL ENGINEER.

G.W. 19.10.60.
APP. SIG. ENGINEER. N.E. STANDARDISATION.

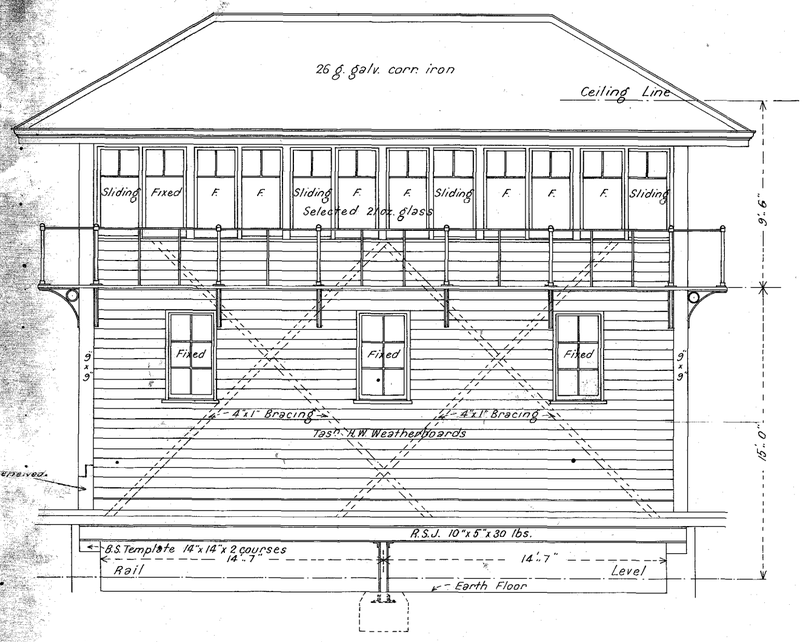
DRAWN.	TRACED.	CHECK.	CORREG.		S.B.3833.	PLAN No.
G.R.B.		GB.		SENIOR ARCHITECT.	B. 35.	563-60.

3833

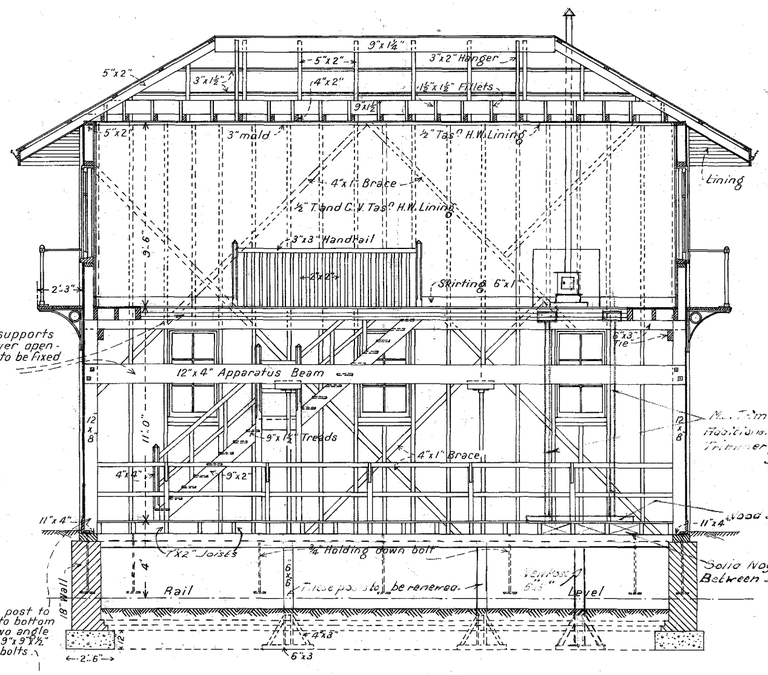
759-4W

— V. R. —
TOOLAMBA
NEW SIGNAL BOX
Scale 4 Feet to an Inch.

LEM.

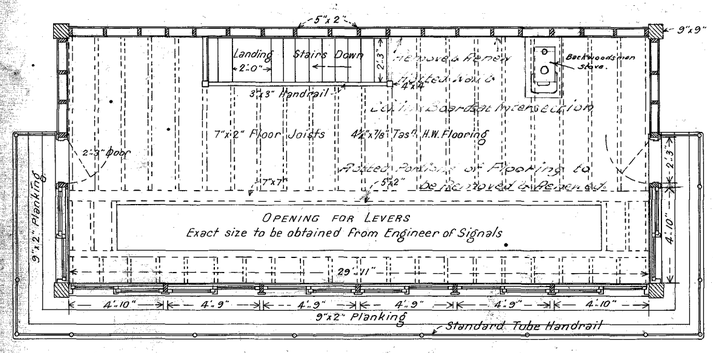


— FRONT ELEVATION —

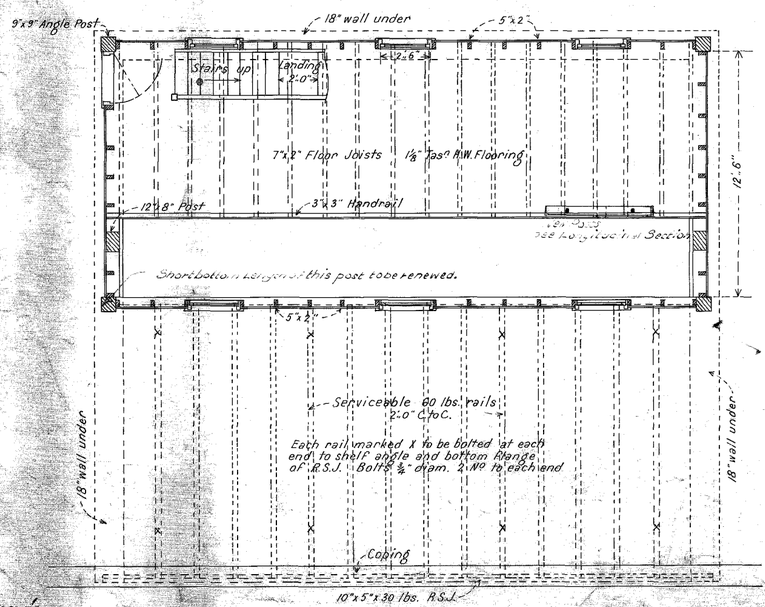


NOTE The Intermediate supports For trimming joists to lever opening and apparatus beams to be fixed by the Interlocking Staff.

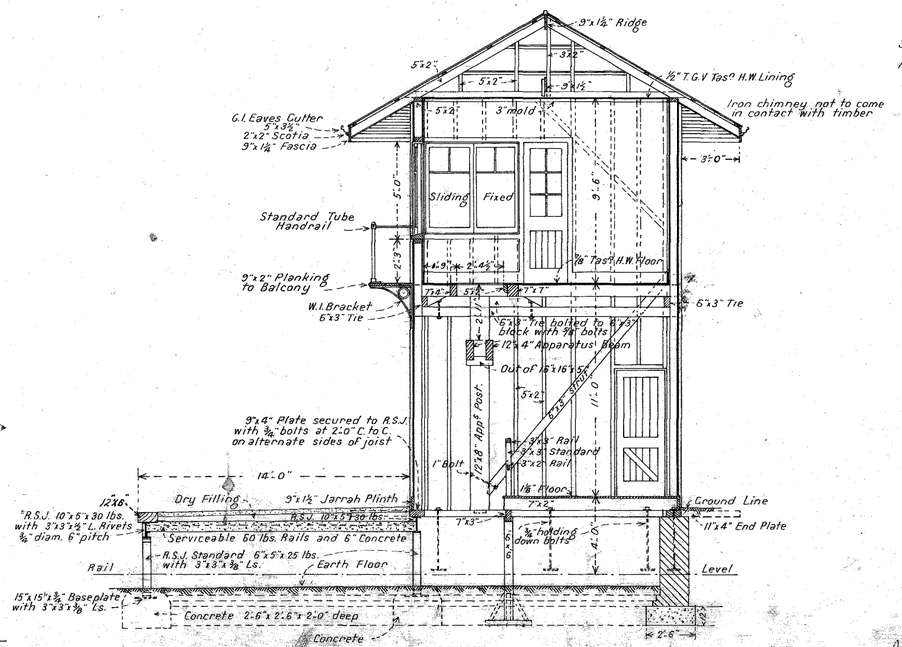
— LONGITUDINAL SECTION —



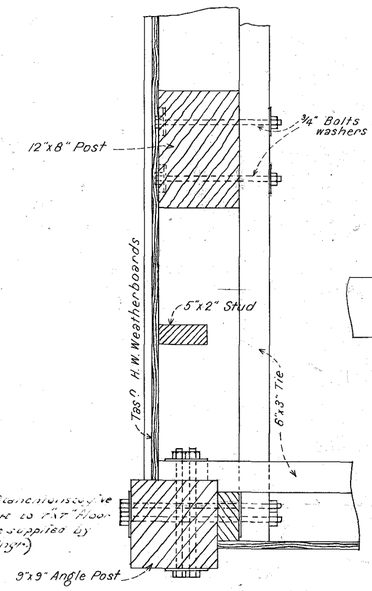
— UPPER FLOOR PLAN —



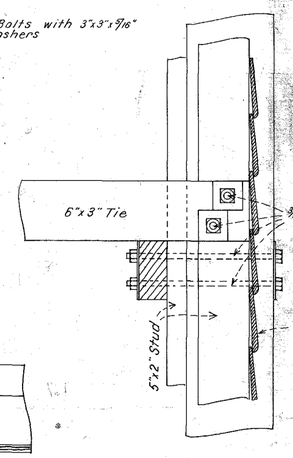
— LOWER FLOOR PLAN —



— CROSS SECTION —

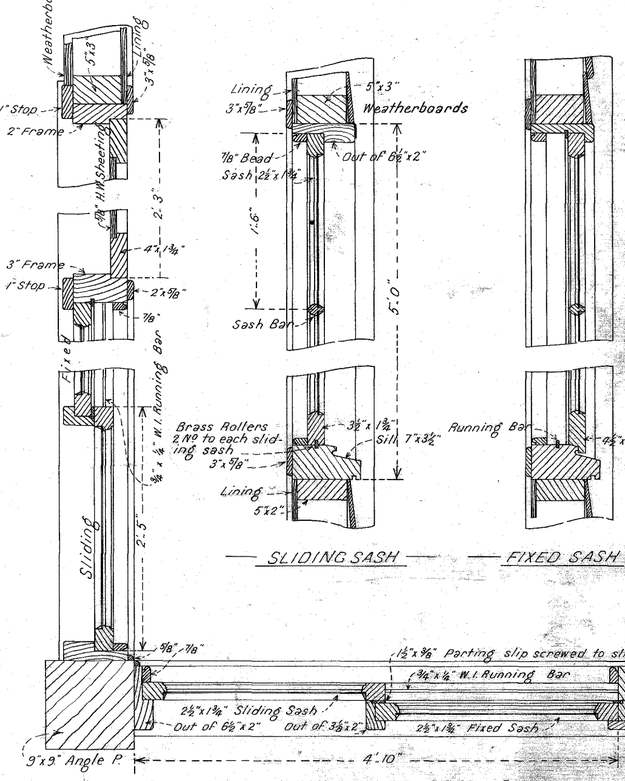


— PART PLAN —



— PART LONGITUDINAL SECTION —

— DETAIL OF HORIZONTAL TIES —
— 1½" = 1'-0" —



— SLIDING SASH — — FIXED SASH —

— DETAIL OF SASHES —
— 1½" = 1'-0" —

IRON 124

23. 5. 14.

23. 5. 14

2-9

Contract No 126
No 3

V-R

TOORAK STATION

Sewerage of High St Signal Box

SCALE 40 FEET TO AN INCH

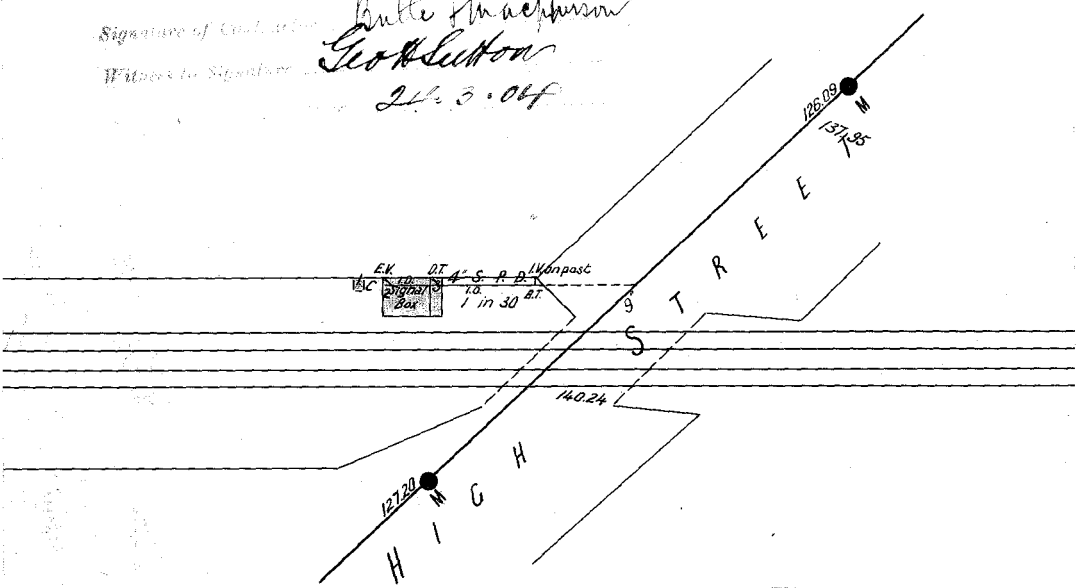
FP 8-3-04

We accept the [illegible] the [illegible] the Specific [illegible] We [illegible] our [illegible] 12th March 1904

Signature of Contractor Butte & Macpherson

Witness to Signature Geo H Sutton

24.3.04



12686
8.3.04 14.2.03
RAILWAY DEPARTMENT

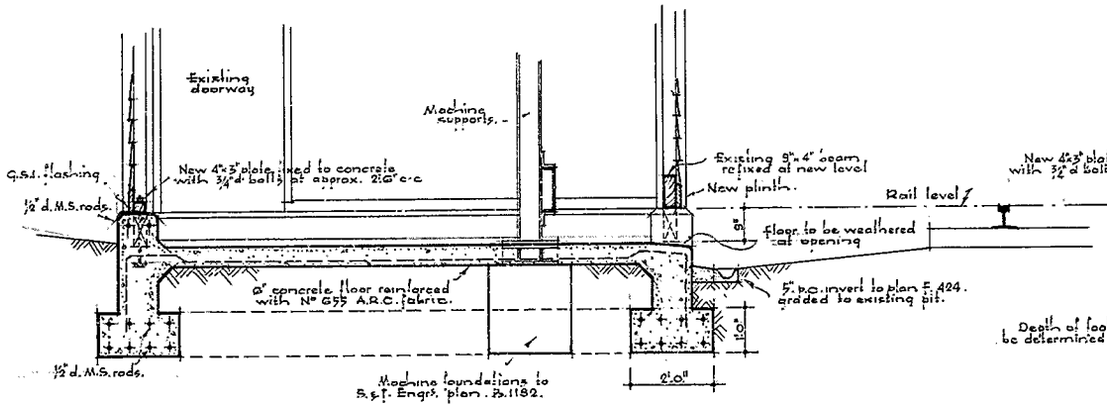
1. Closet to be abolished
2. Closet on Ground Floor
3. Sink on Landing

Closet to be supplied from Storage Tank.

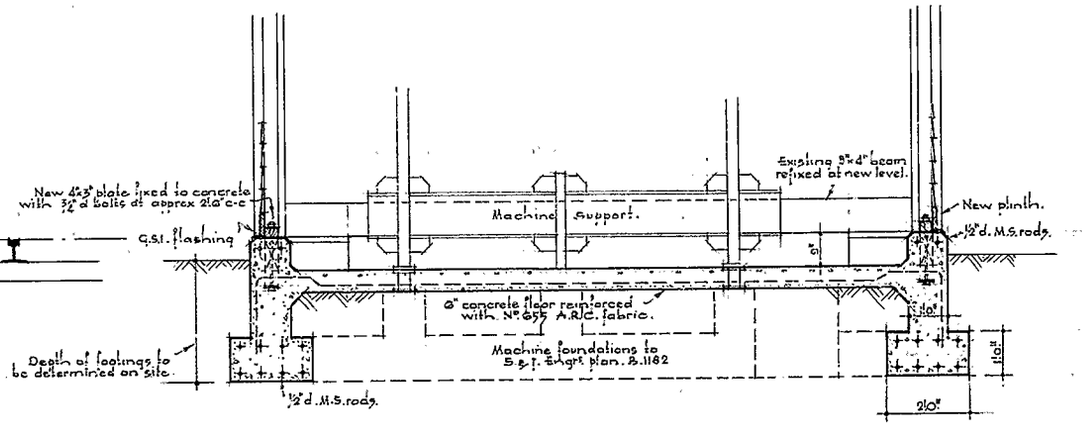
8.3.4

VIOTA RAILWAYS PLAN ROOM

538

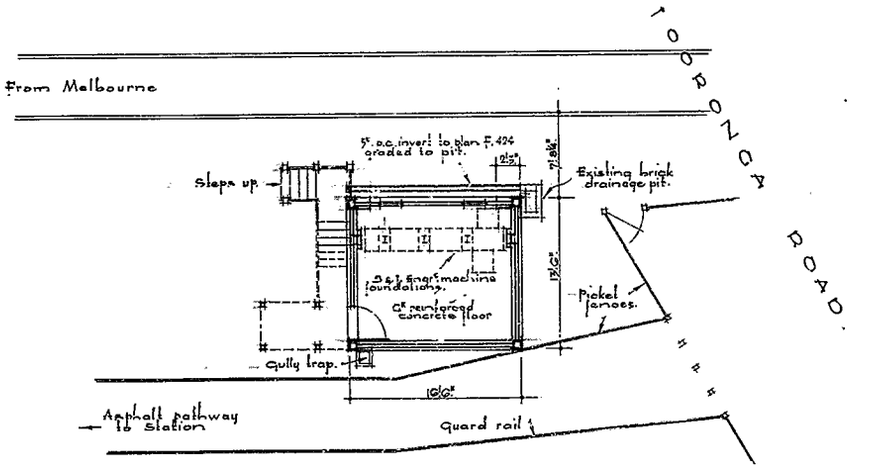


CROSS SECTION.. Scale. 1/2" to 1'.



LONGITUDINAL SECTION.

NOTE.. Work in conjunction with Signal & Telegraph Engrs plan. B.1182.



PLAN OF SIGNAL BOX BASEMENT.
Scale.. 1/8" to 1'.

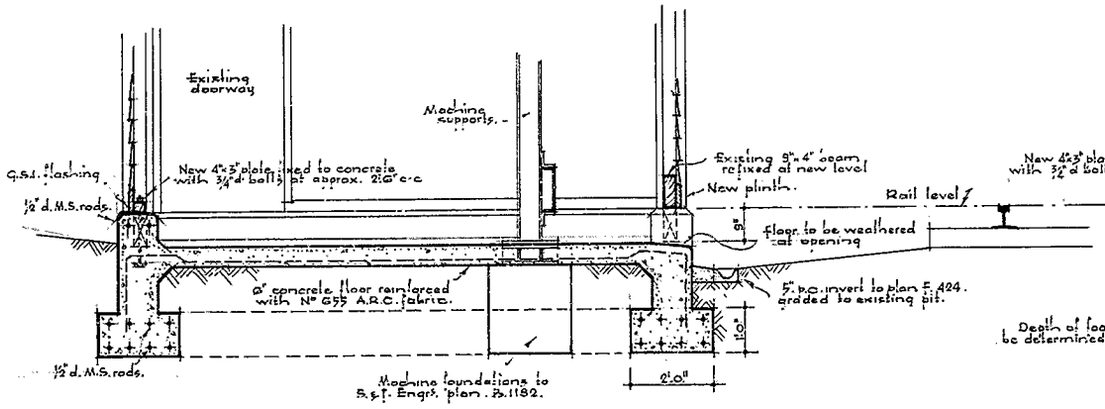
V.R.
TOORONGA.
RENEWAL OF SIGNAL BOX FOUNDATIONS.
Scales.. 1/8" & 1/2" to 1'.

Chief Civil Engineer. Signal & Telegraph Engr.

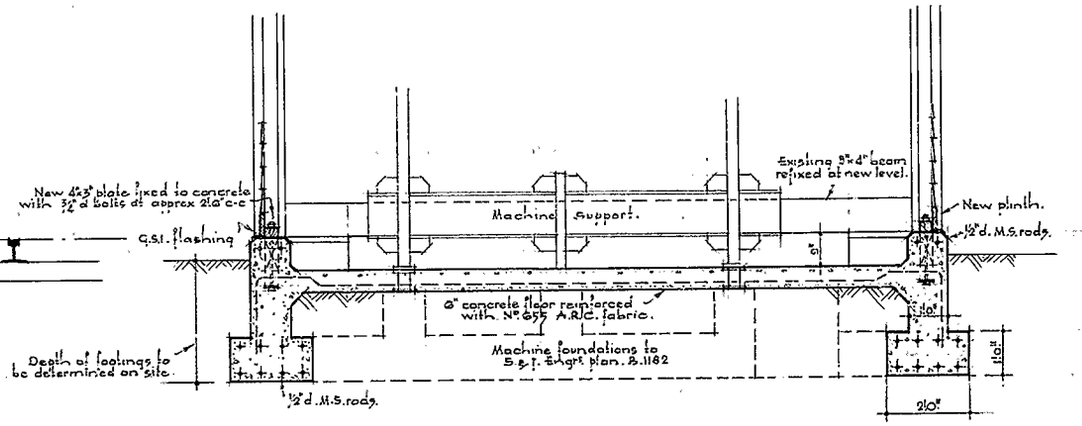
Completed 7/10/55					
Drawn.	Check	Corres.	Senior Architect.	B.259.	Plan No.
				C.65.	354/54.

259

538

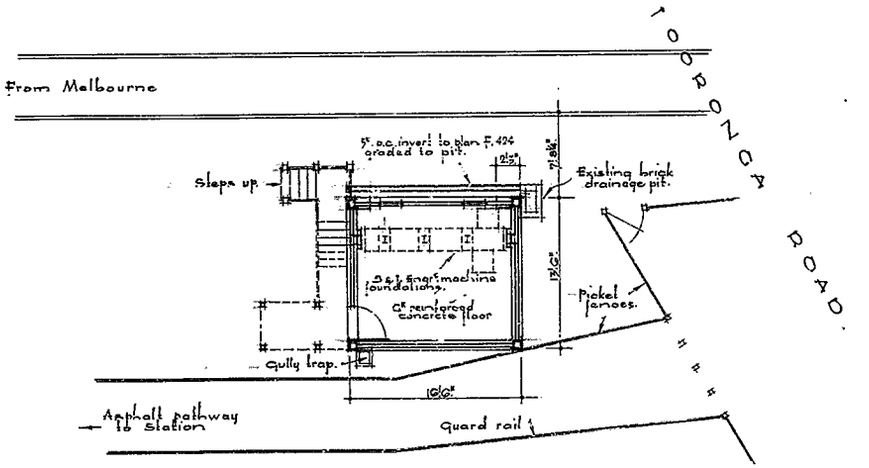


CROSS SECTION.. Scale. 1/2" to 1'.



LONGITUDINAL SECTION.

NOTE.. Work in conjunction with Signal & Telegraph Engrs plan. B.1182.



PLAN OF SIGNAL BOX BASEMENT.
Scale.. 1/8" to 1'.

V.R.
TOORONGA.
RENEWAL OF SIGNAL BOX FOUNDATIONS.
Scales.. 1/8" & 1/2" to 1'.

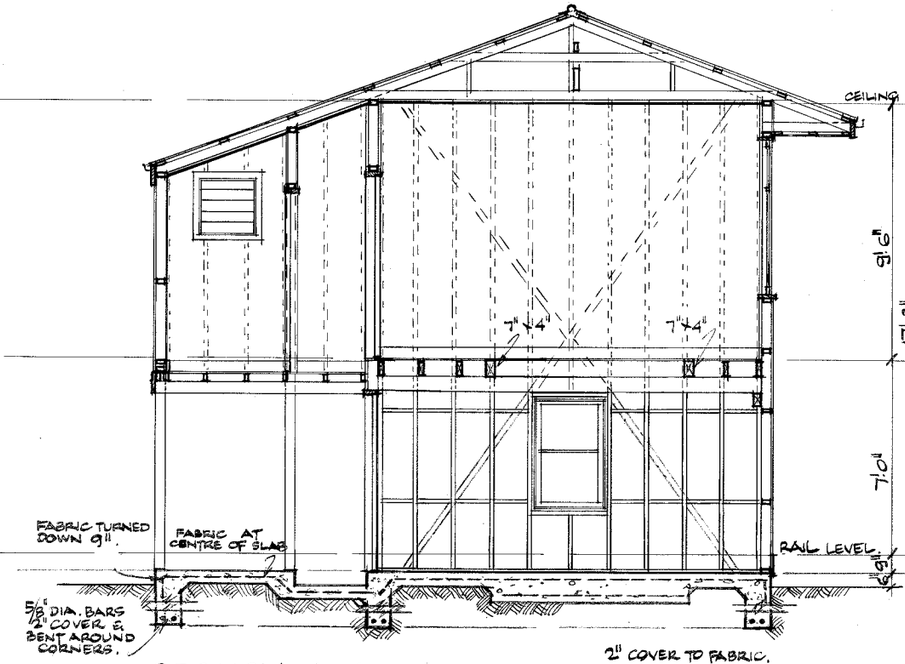
Chief Civil Engineer. Signal & Telegraph Engr.

Completed 7/10/55					
Drawn.	Check	Corres.	Senior Architect.	B.259.	Plan No.
				C.65.	354/54.

259

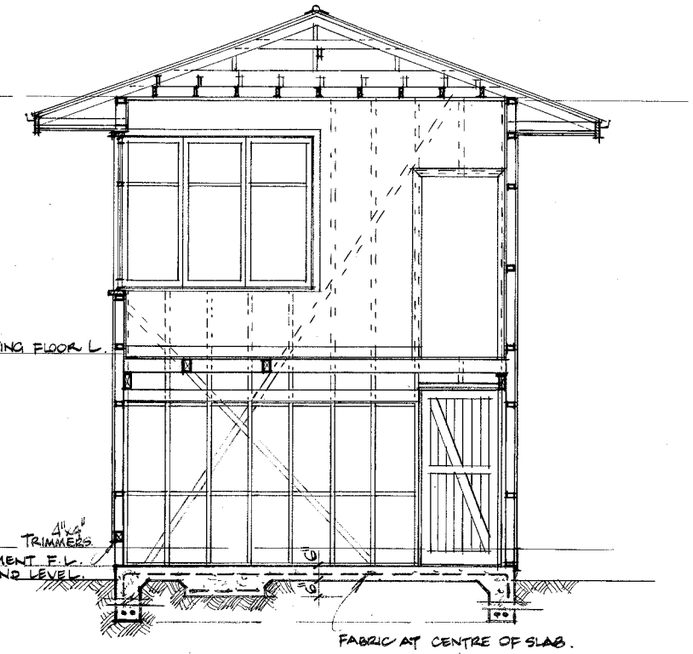


NORTH ELEVATION.

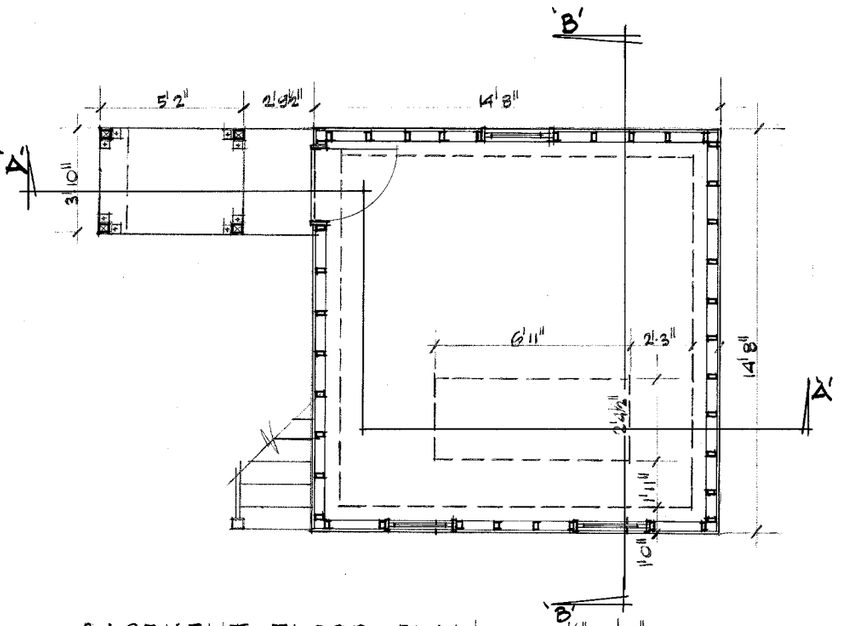


SECTION A·A.

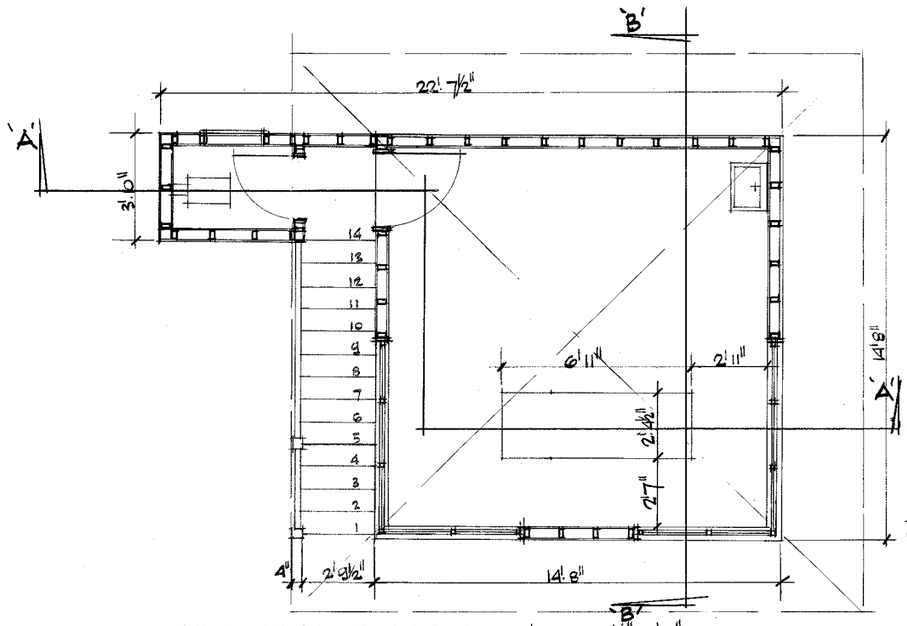
2" COVER TO FABRIC.
NOTE: ALL FABRIC OF A.S. REF. 601



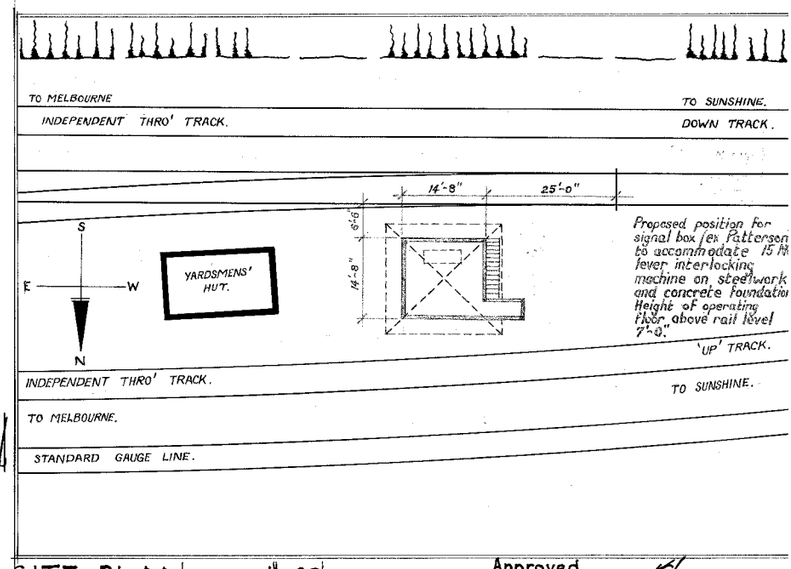
SECTION B·B.



BASEMENT FLOOR PLAN. SCALE ¼" = 1'0"



OPERATING. FLOOR PLAN. SCALE ¼" = 1'0"



SITE PLAN. SCALE 1" = 20'.

Approved
Signal & Telegraph Eng'r

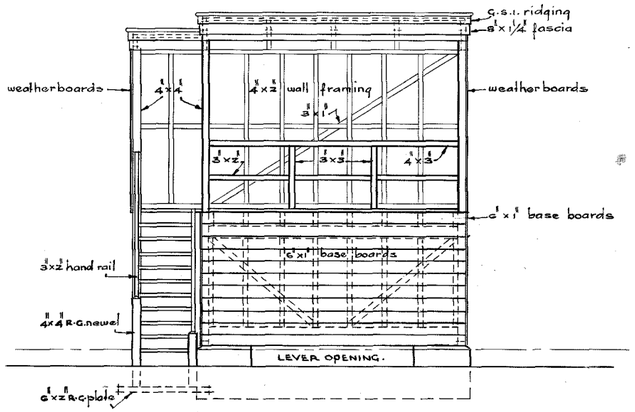
V.R.

TOTTENHAM
PROPOSED SIGNAL BOX (EX PATTERSON)

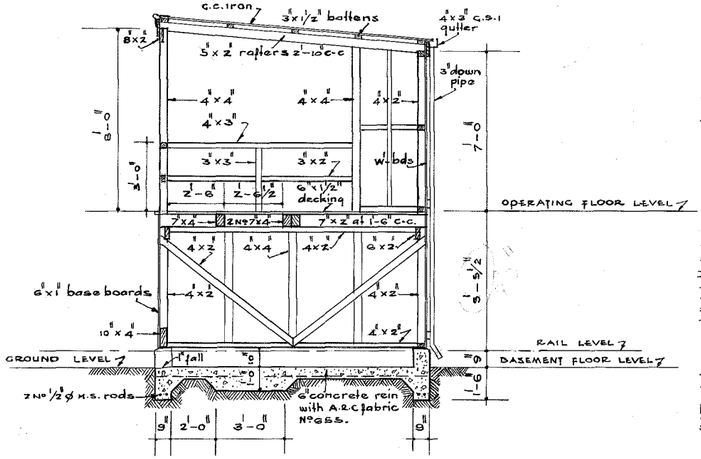
SCALES AS SHOWN.

T.R.H. 13.7.64
CHIEF CIVIL ENGINEER.

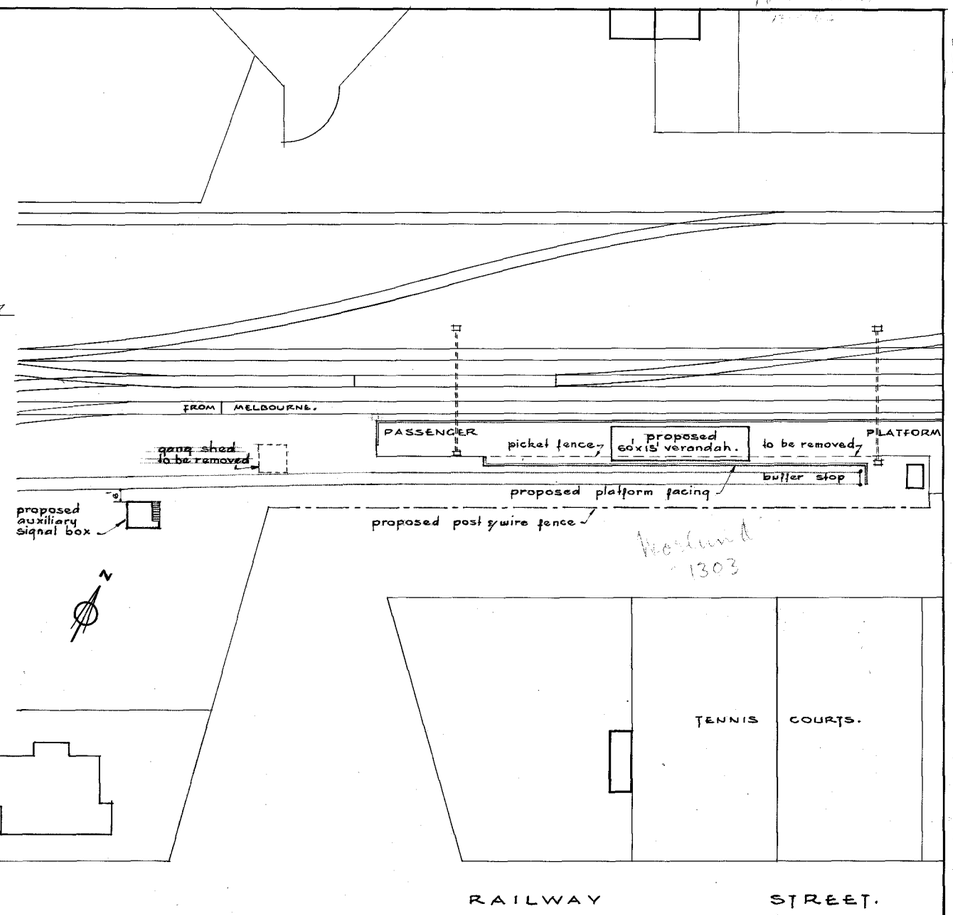
REV'N.	DATE.	AMENDMENT	AMEND'D BY.	DRAWN	TRACED	CHECK'D	CORRES.		B317	PLANS
						J.H.E.	WW 5516/64	SENIOR ARCHITECT	B65	466'64



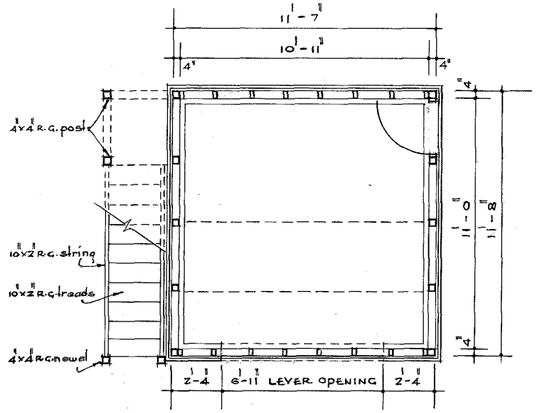
ELEVATION TO TRACK.



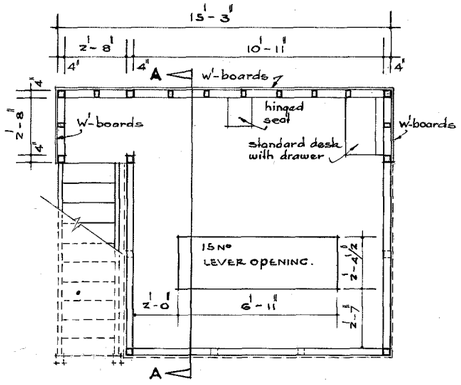
SECTION 'A-A'.



SITE PLAN.
Scale: 40'-0" = 1".



BASEMENT FLOOR PLAN.
Scale: ¼" = 1'-0".



OPERATING FLOOR PLAN.

V-R.

TRARALCON.

PROPOSED AUXILIARY SIGNAL BOX FOR RAIL MOTOR.

Scales as Shown.

J.D.W. 9.8.62.
A/Chief Civil Engineer.

K.G.C.
S & T. Engineer 7-8-62

Revision	Date	Amendment.	Amended

Drawn H.L.Q. | Traced | Checked | Corres N°

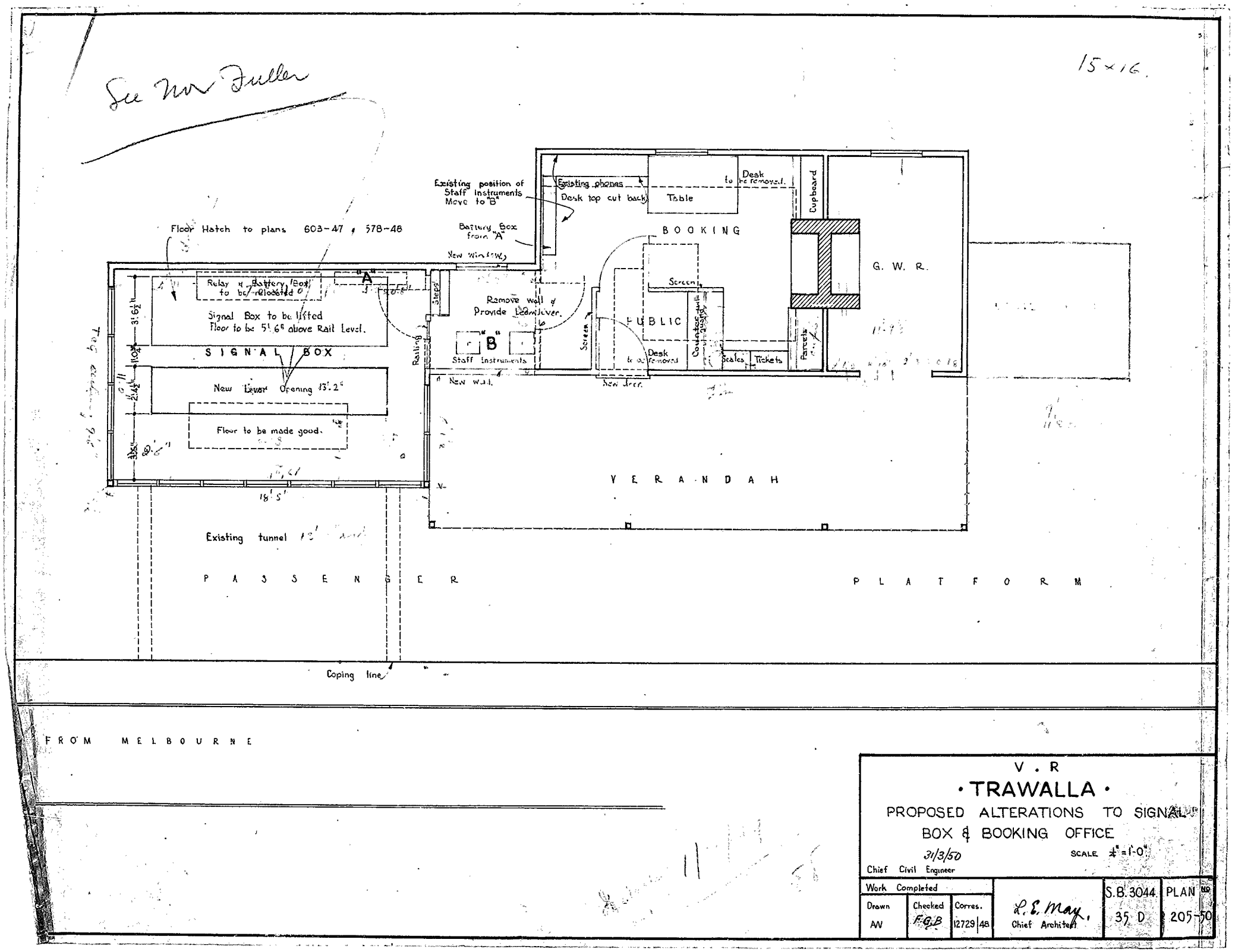
D.B.b.
Senior Architect.

B314. B65. PLAN.N 529/62.

473

314

3044



V . R

· TRAWALLA ·

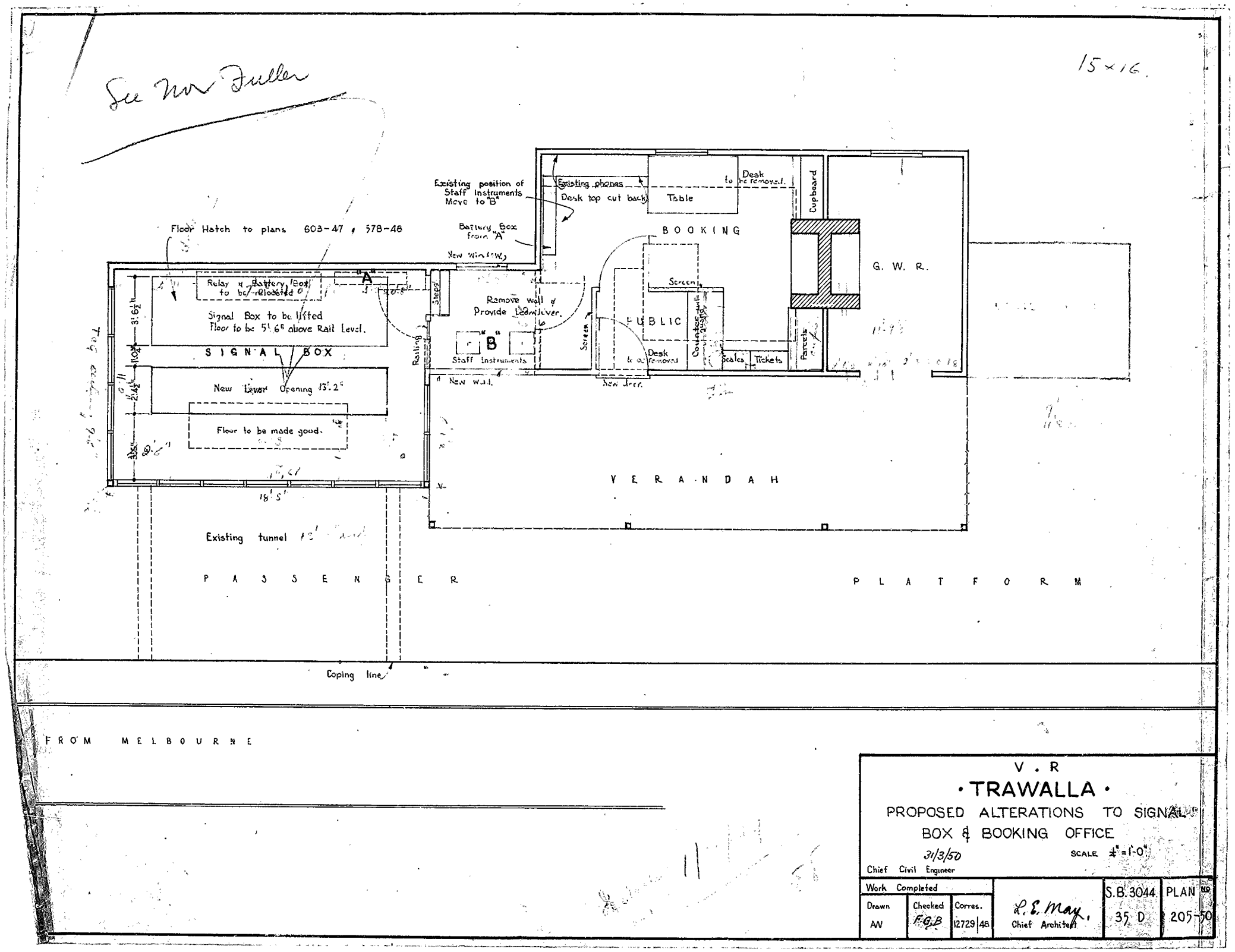
PROPOSED ALTERATIONS TO SIGNAL BOX & BOOKING OFFICE

31/3/50 SCALE ¼" = 1'-0"

Chief Civil Engineer

Work Completed					
Drawn	Checked	Corres.	L. E. May,	S.B. 3044	PLAN No
AW	F.G.B	12729/48	Chief Architect	35 D	205-50

3044



V . R

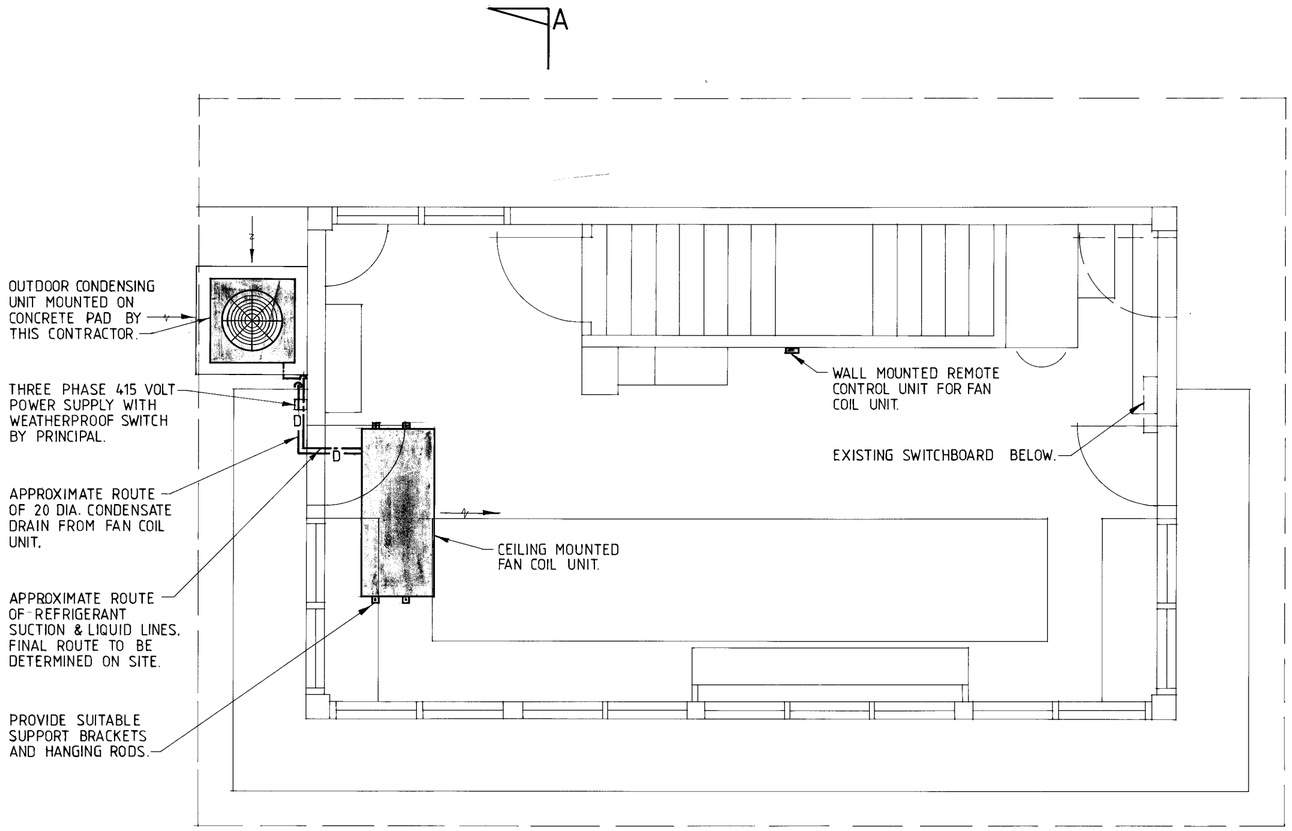
· TRAWALLA ·

PROPOSED ALTERATIONS TO SIGNAL BOX & BOOKING OFFICE

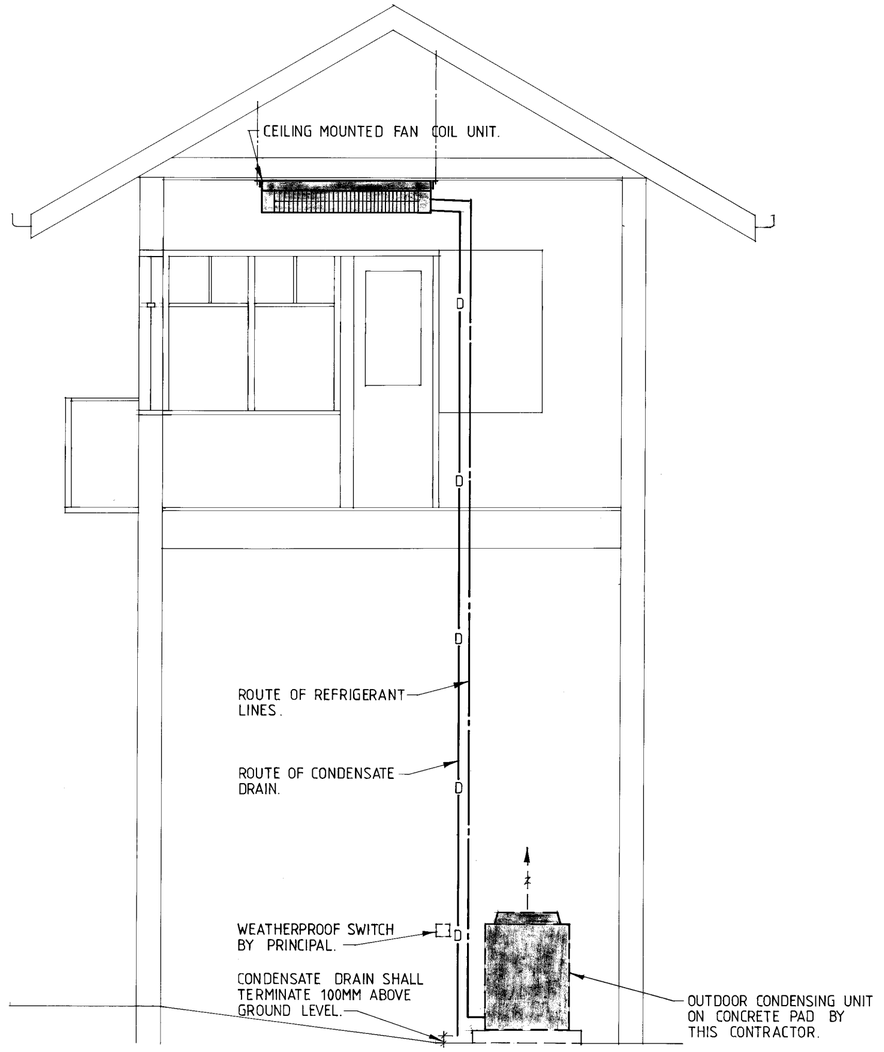
31/3/50 SCALE ¼" = 1'-0"

Chief Civil Engineer

Work Completed					
Drawn	Checked	Corres.	L. E. May,	S.B. 3044	PLAN No
AW	F.G.B	12729/48	Chief Architect	35 D	205-50



PLAN



SECTION A - A

0 50 100 150mm

CONSULTING ENGINEERS

THOMAS ANDERSON & PARTNERS
CONSULTING ENGINEERS
464 ST. KILDA ROAD, MELBOURNE, VIC., 3004 TEL. 267 2922

APPROVALS

REV'N	DATE	DESCRIPTION	REV'D	APP'D

DRAWN	R.T.
DESIGNED	
CHECKED	I. McB.
CORRES.	

SEC. MGR. MECH. SERV. (TRD)

STATE TRANSPORT AUTHORITY VICTORIA
TRANSPORT OPERATIONS DIVISION

WALLAN SIGNAL BOX
AIR CONDITIONING

MANAGER
CIVIL ENGINEERING DEPARTMENT

DATE	FEBRUARY 1985
SCALE	1 : 25
INDEX	V - 147 - 2
DRAWING Nº	REV'N

V-147-2

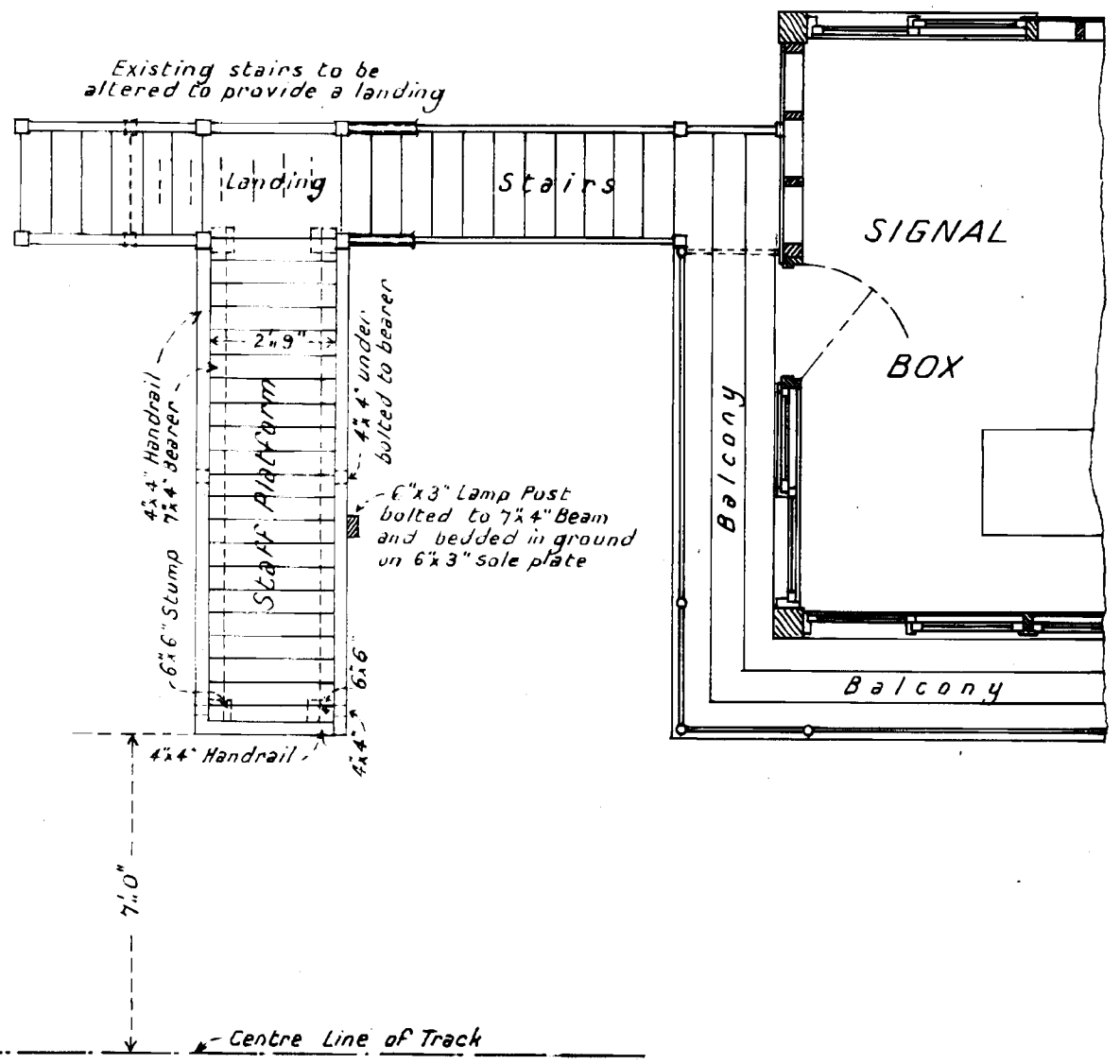
— V. R. —

— WARRAGUL —

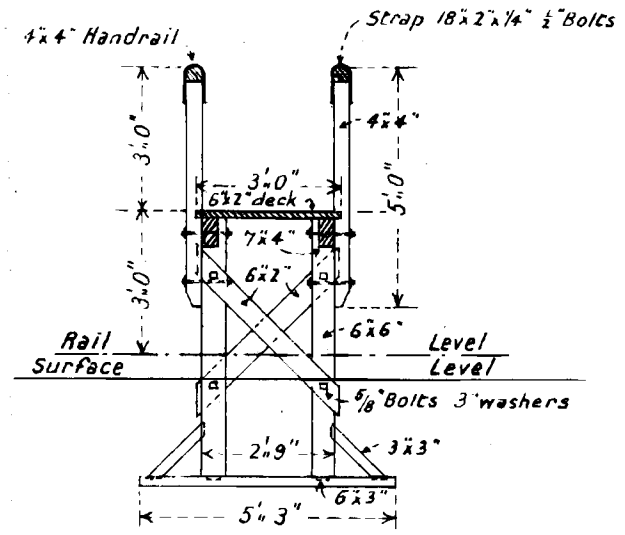
— Staff Platform to "B" Signal Box —

— Scale – 4 Feet = One Inch —

LEM 879/17



— Plan —



— Section through —
— Staff Platform —

26. 2. 17

Four Blue
10.2.16
Four Blue
12.2.16

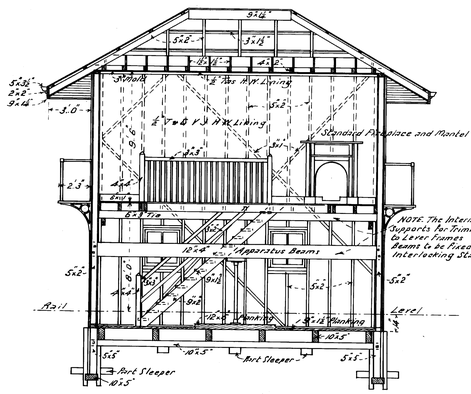
WARRAGUL ALTERATIONS

NEW SIGNAL BOXES

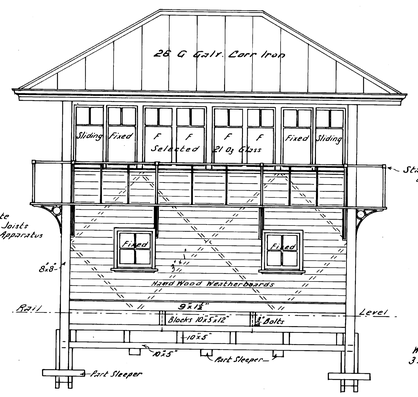
Scale 4 Feet to 1 Inch

Sheet No. 26

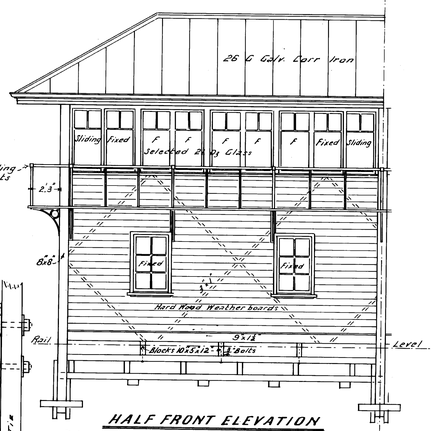
BOX A. UP END



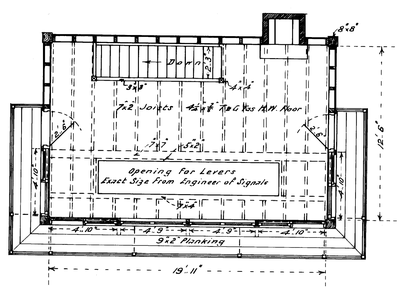
LONGITUDINAL SECTION



FRONT ELEVATION



HALF FRONT ELEVATION



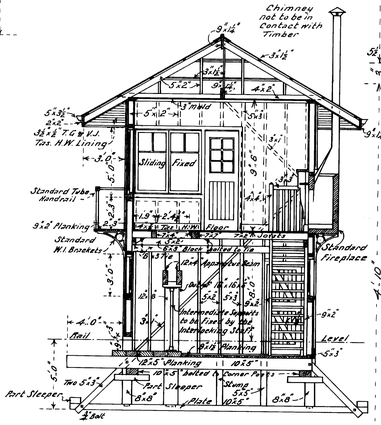
UPPER FLOOR PLAN

NOTE. 7"x2" Floor Joists
7"x4" & 7"x7" Trimmers
6"x3" Horizontal Ties
12"x4" Apparatus Beams
are to be of Oregon Pine.

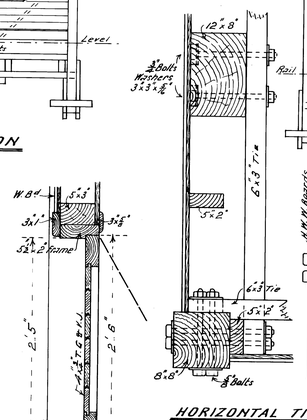
Timbers entering or below ground to be of Red Gum or Ironbark

All other framing Timbers Hardwood

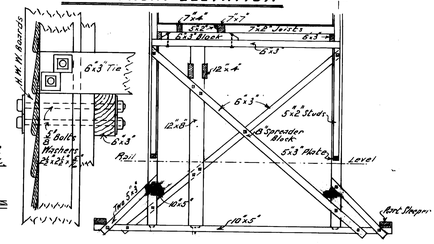
LOWER FLOOR PLAN



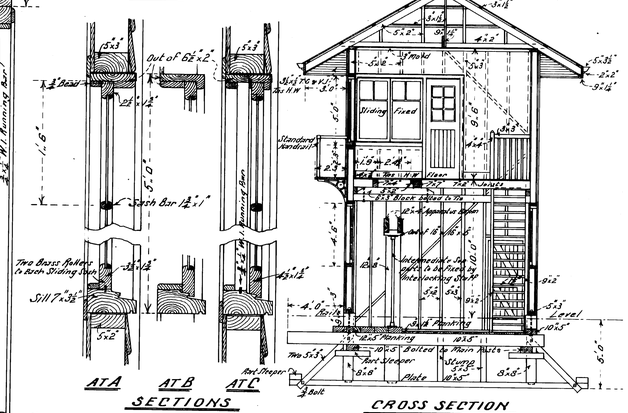
CROSS SECTION



HORIZONTAL TIES
1½" Scale

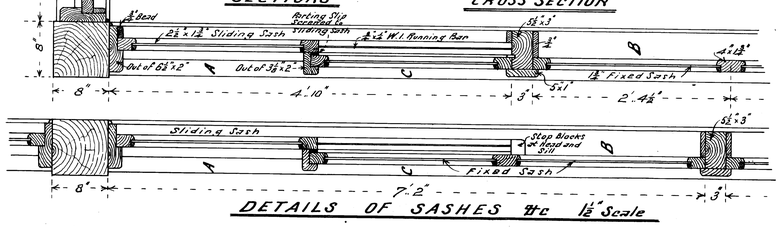


CENTRAL BRACES



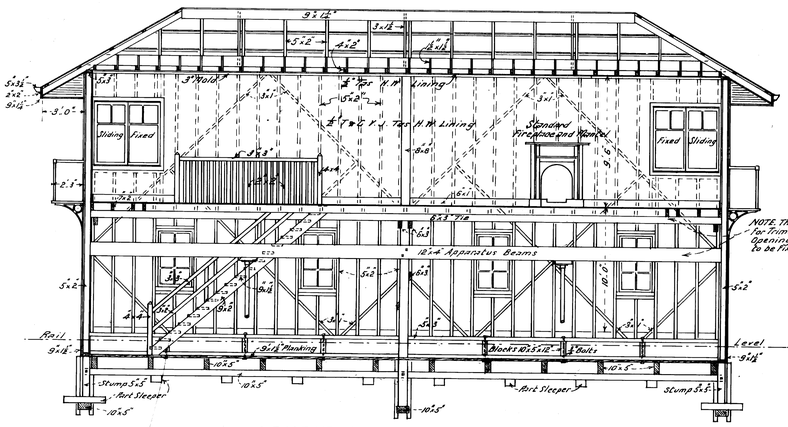
A.T.A A.T.B A.T.C
SECTIONS

CROSS SECTION

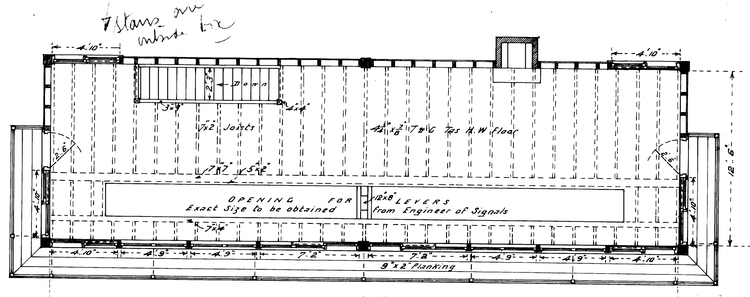


DETAILS OF SASHES &c 1½" Scale

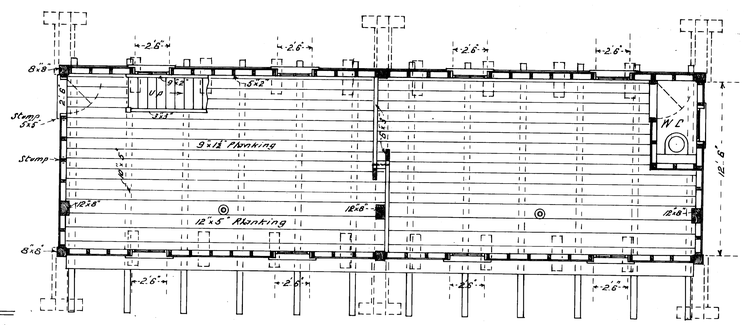
BOX B. DOWN END



LONGITUDINAL SECTION



UPPER FLOOR PLAN



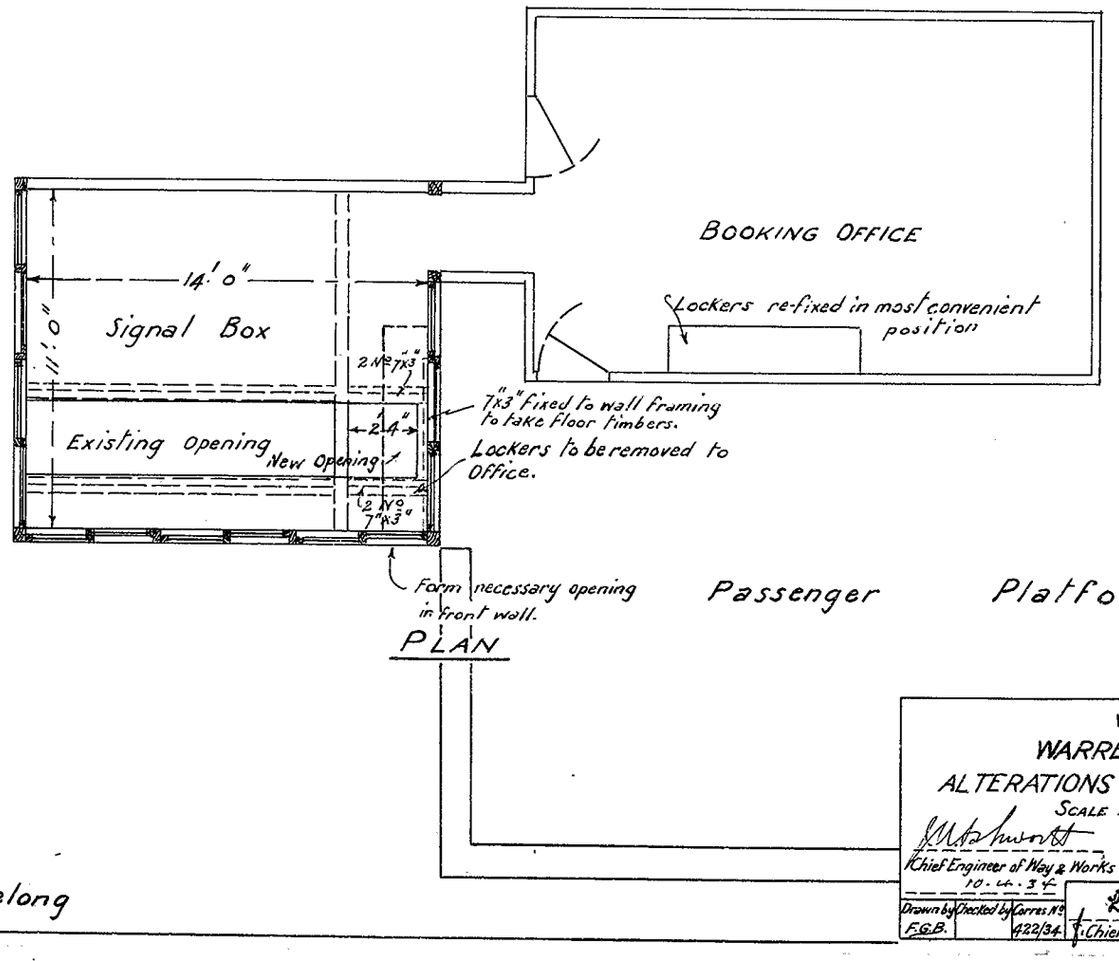
LOWER FLOOR PLAN

10.2.16

10.2.16

1853

1853



V. R.

WARRENHEIP

ALTERATIONS TO SIGNAL BOX

SCALE ¼" = 1 FOOT

Chief Engineer of Way & Works

10.4.34

Drawn by	Checked by	Correct No		S.B. 1835	PLAN No
F.G.B.		422/34	R. E. May. Chief Architect	E. 35.	167-34

23723

B.7.3

V-R

WEST-FOOTSCRAY.

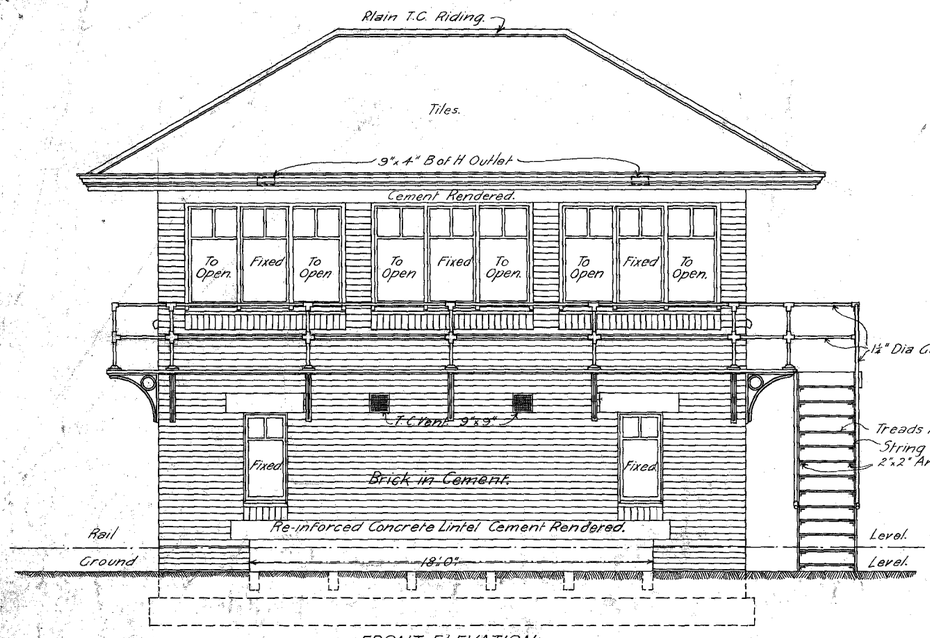
Proposed New Signal Cabin.

Scales ¼"=1' and ½"=1'

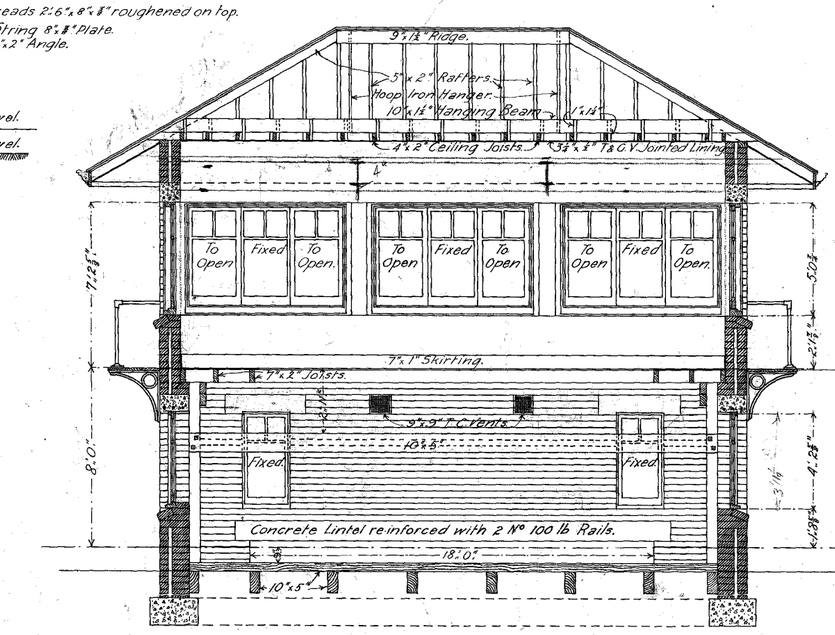
21/9884 W & W. 7.12.21, B.C.B.

NOTE:- The stair throughout to be constructed of Mild Steel.

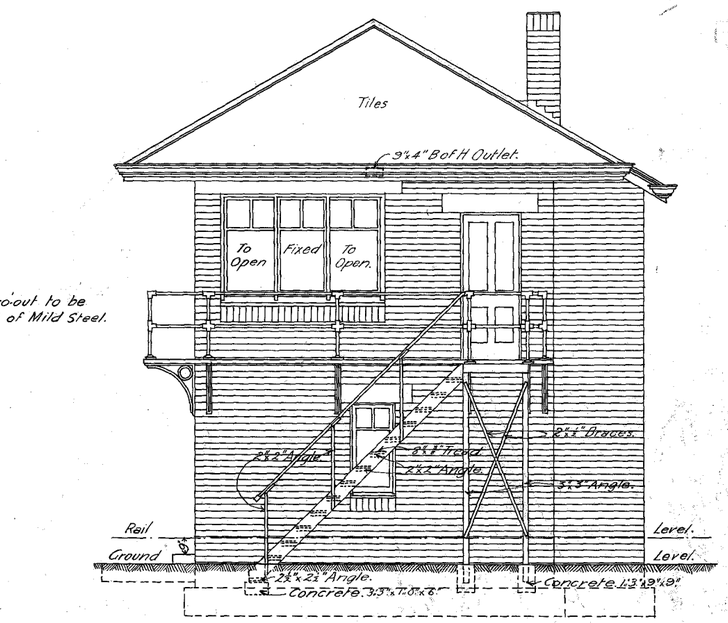
8" x 5½" x 20#



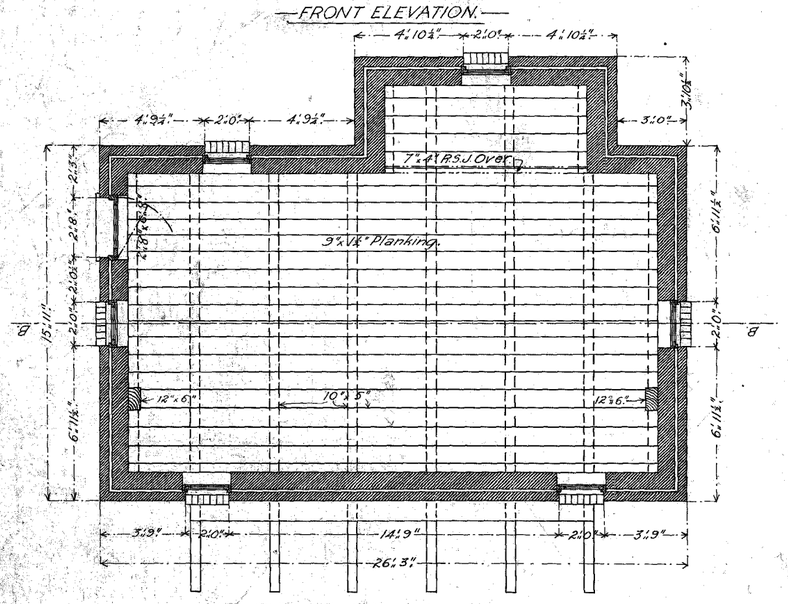
FRONT ELEVATION.



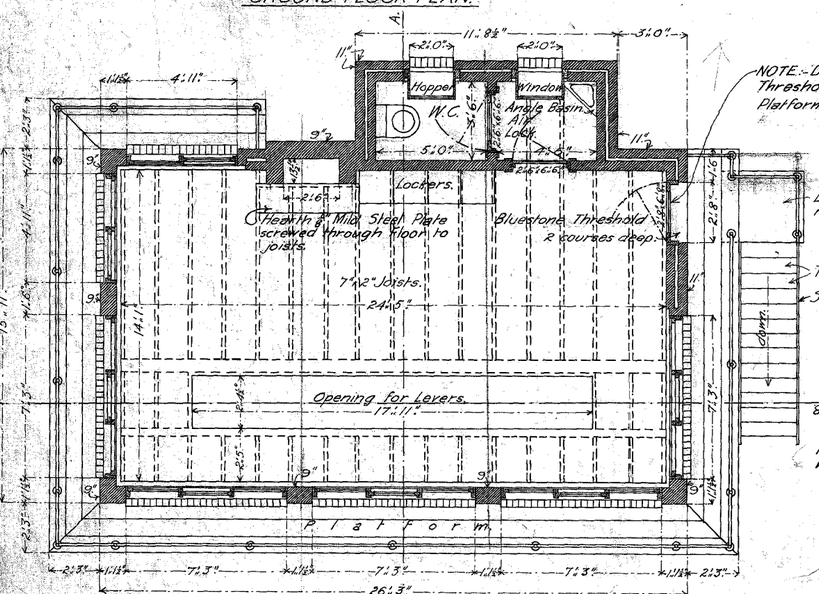
SECTION. B.B.



END ELEVATION.



GROUND FLOOR PLAN.



UPPER FLOOR PLAN.

NOTE:- Door to have Weather Board. Threshold to be weathered. Platform to be 1" lower than Floor.

Landing ⅝" Perforated Plate roughened on top.

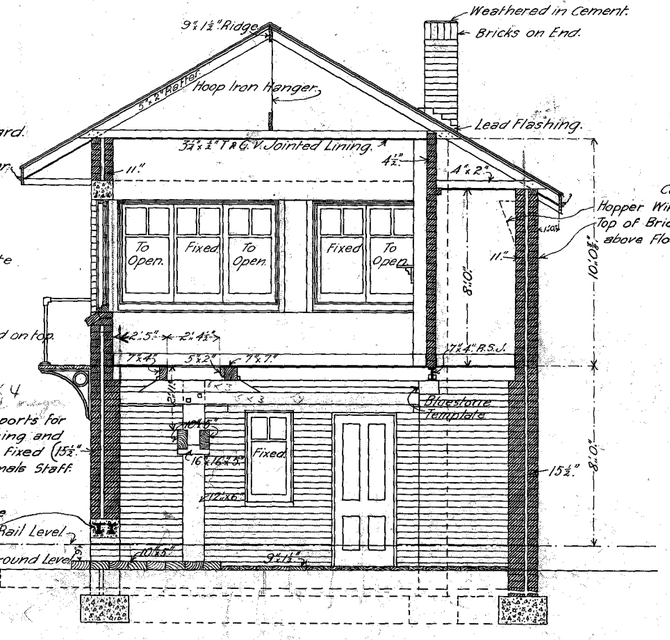
Treads 2'6"x8"x8" roughened on top.

String 8"x2" Plate.

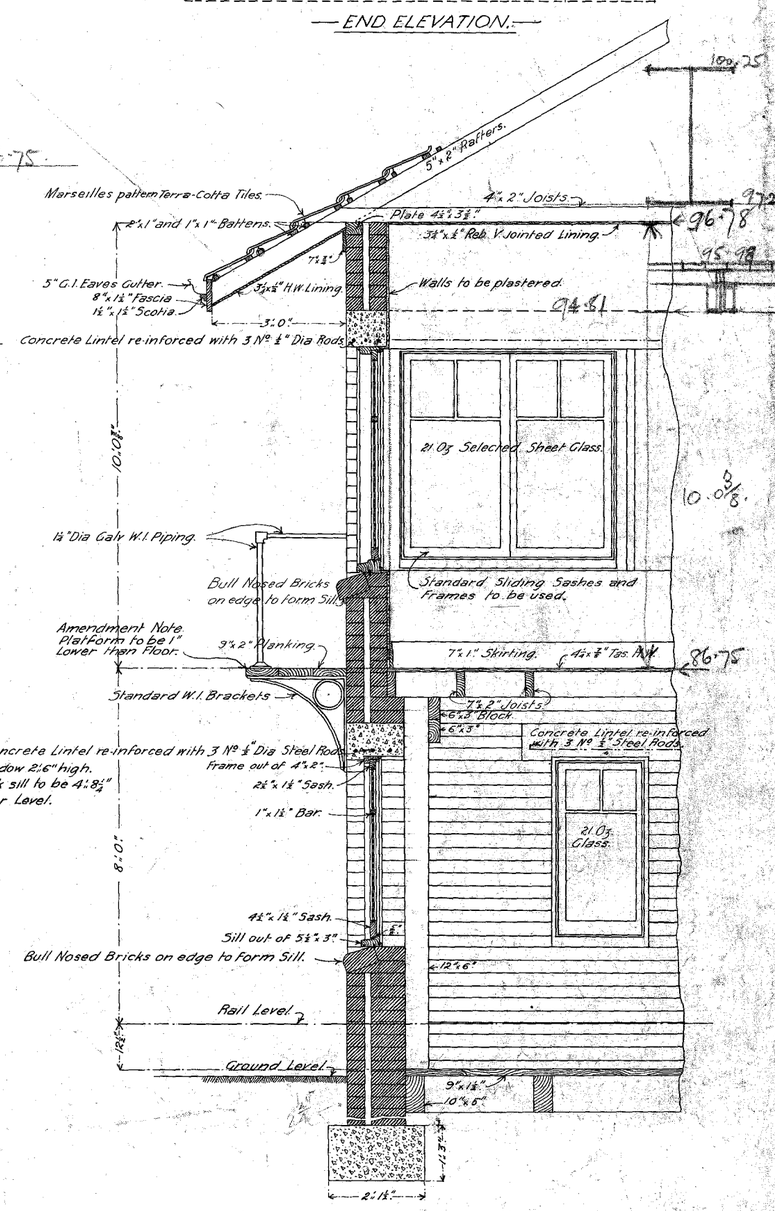
12 x 4

NOTE:- Intermediate supports for trimmers to lever opening and apparatus beams to be Fixed (15½") by the Engineer of Signals Staff.

No 10 gauge G.I. Wire to be wrapped around Rails.



SECTION A.A.



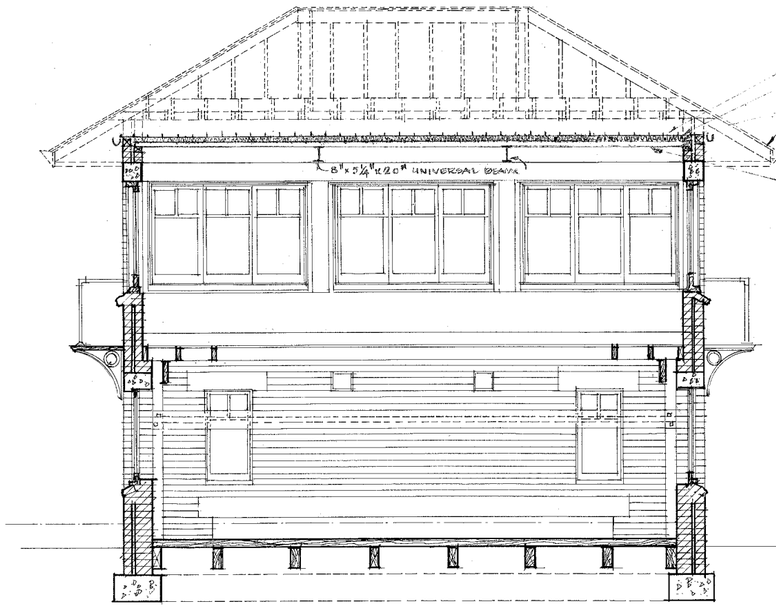
HALF INCH DETAIL.

W. Ballard. 8-3-22.
Chief Engineer of Way & Works

Jas Jarrett
Architect.
11.3.22.

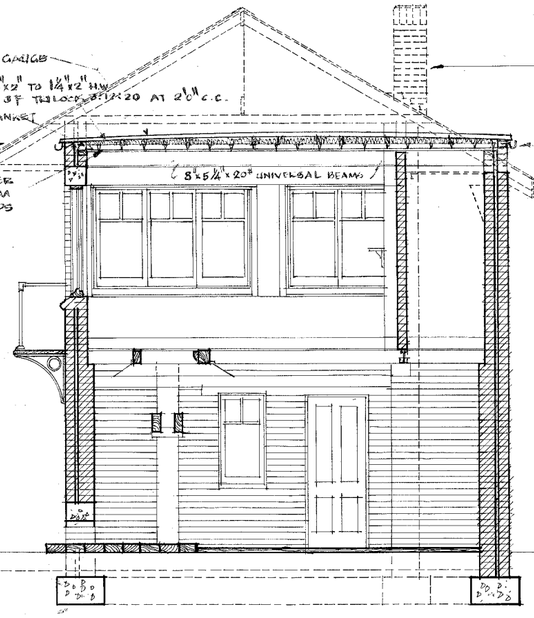
638.22

B.1.
A.6.



COLORBOND KLIPLOCK 22 GAUGE GALV. STEEL ROOFING
GRADED BATTENS FROM 3¼"x2" TO 1¼"x2" H.W. RAMSET FASTENED TO RIBS OF TRILOCK 3:12:20 AT 2'0" c.c.
2" MINERAL SEMI-RIGID BLANKET OVER SISALATION 400
REMOVE EXISTING ROOF
TRILOCK 3:12:20 POWER FIXED TO UNIVERSAL BEAM AT 12" CENTRES AND ENDS OF TRILOCK FIXED TO H.W. PLATE.

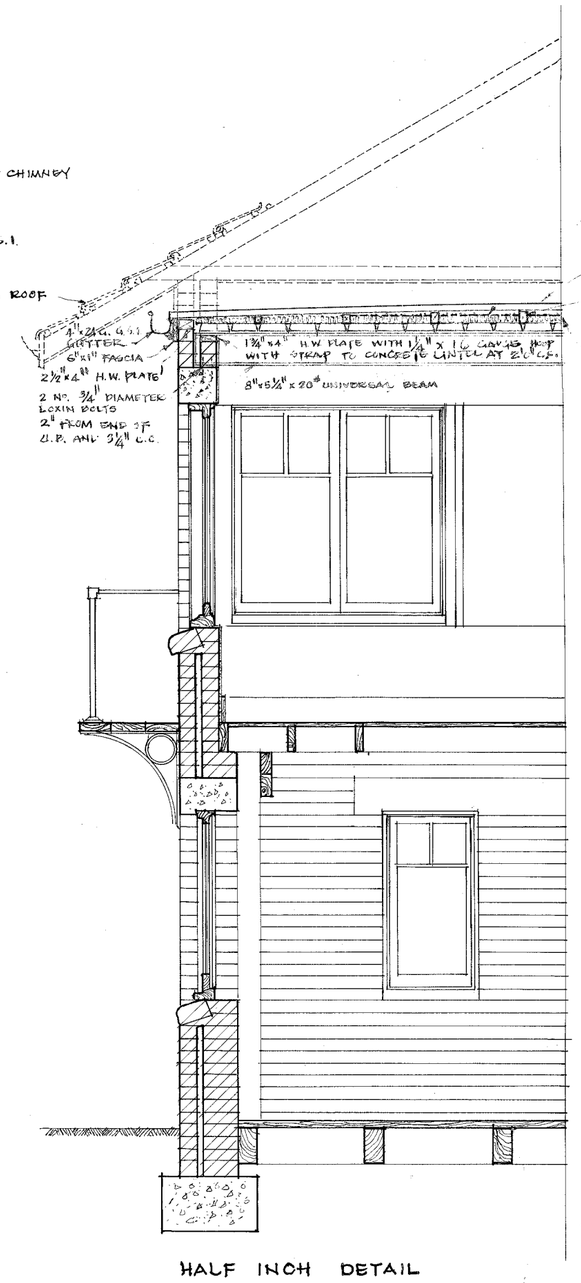
SECTION A A SCALE ¼" TO 1'0"



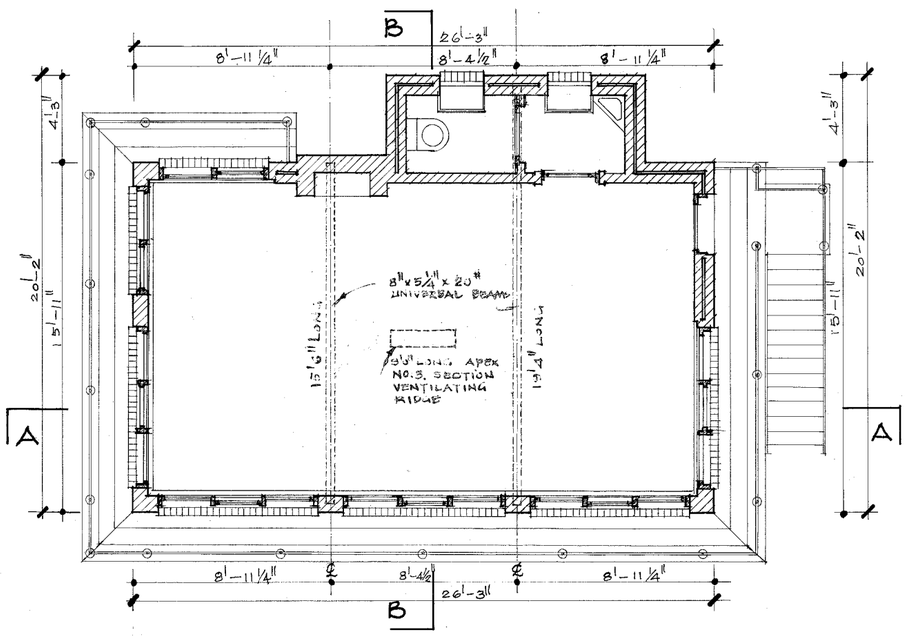
REMOVE PART OF CHIMNEY
4"x24 GAUGE G.S.I. GUTTER
REMOVE EXISTING ROOF

SECTION B B SCALE ¼" TO 1'0"

NOTE : CONNECT GUTTER TO EXISTING DOWNPIPES



HALF INCH DETAIL



UPPER FLOOR PLAN SCALE ¼" TO 1'0"

V. R.

WEST FOOTSCRAY

PROPOSED NEW FLAT ROOF TO EXISTING SIGNAL CABIN

SCALE AS SHOWN

D.D.W 20.5.71

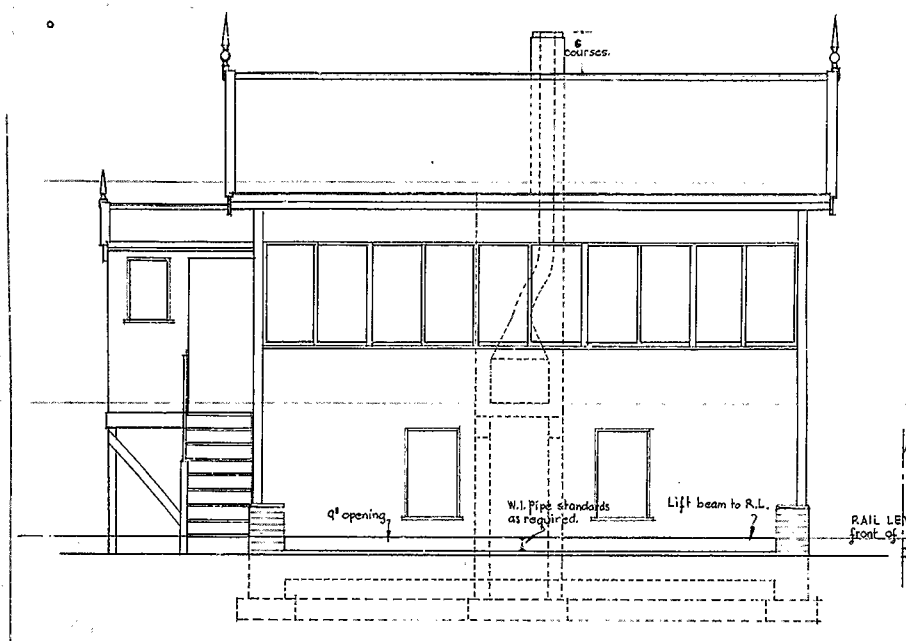
CHIEF CIVIL ENGINEER

REVISION	DATE	AMENDMENT	AMENDED BY	DRAWN	TRACED	CHECKED	CORRES Nº
				JBH			

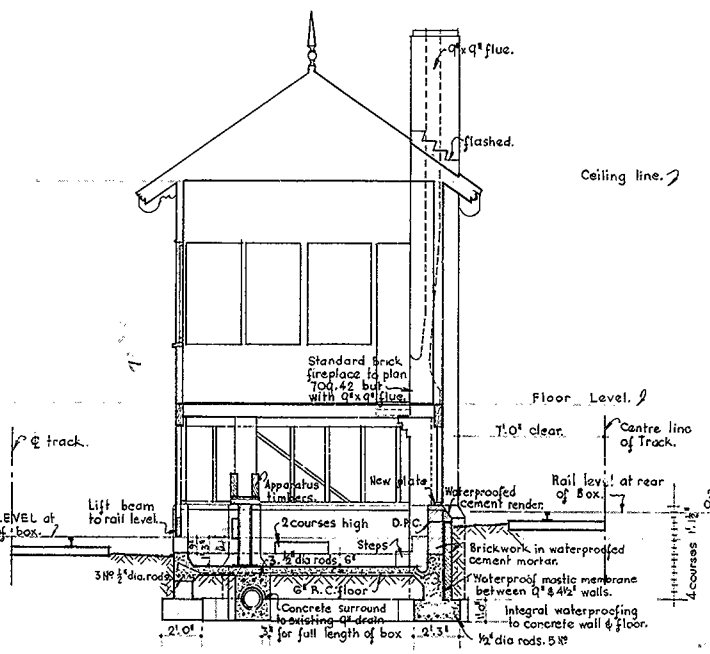
SENIOR ARCHITECT

B.350 B65

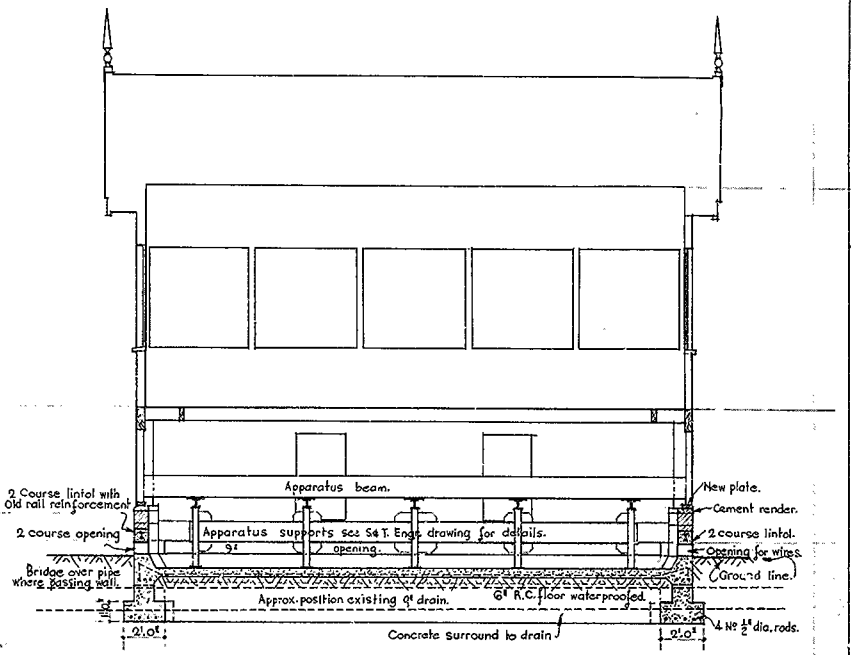
PLAN Nº 267/71



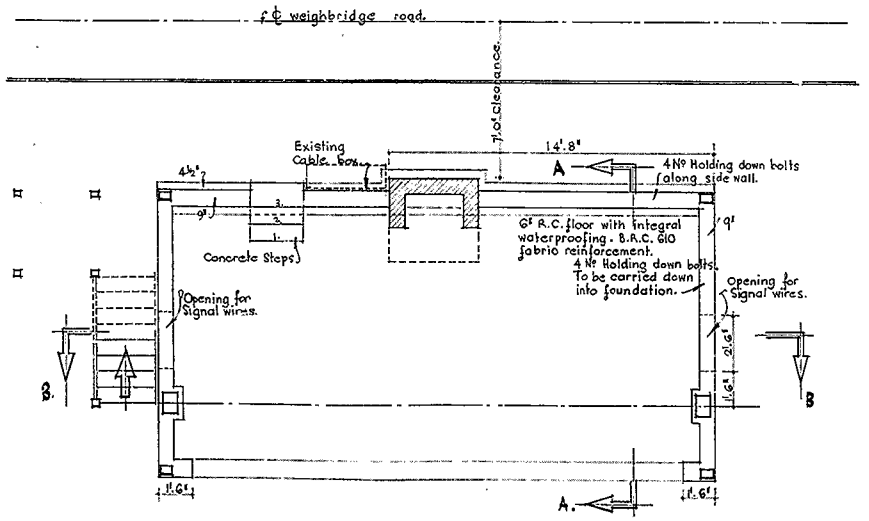
ELEVATION TO PLATFORM.



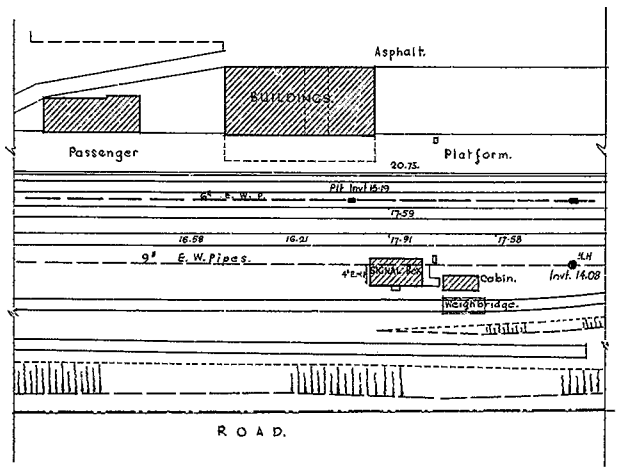
CROSS SECTION A.A.



SECTION B.B.



PLAN.



LOCALITY PLAN. 40' to 1"

V. R.

WILLIAMSTOWN.

RECONDITIONING OF SIGNAL BOX.

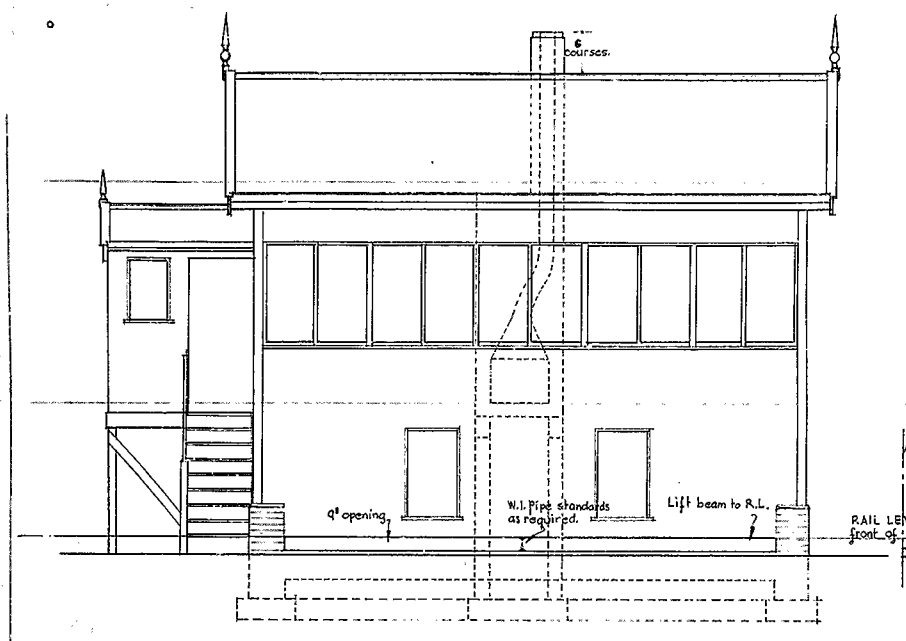
Scales ¼" to 1'0" & 40' to 1"

Chief Civil Engineer.

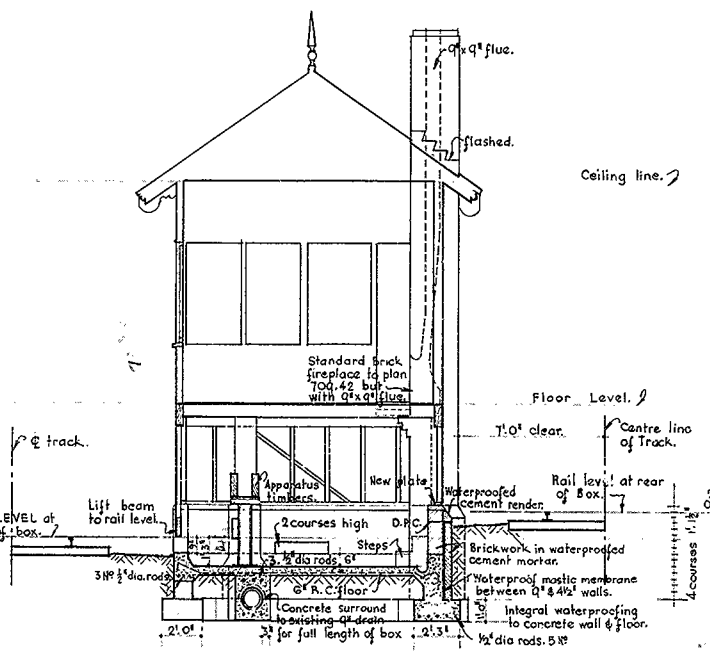
Signal & Telegraph Engineer.

Work completed. 2-8-46.			H. Hutcliffe. Chief Architect. 9-8-1945	B. 200	PLAN No.
Drawn by E.A.E.	Checked	Corres No.		B. 65	405.45

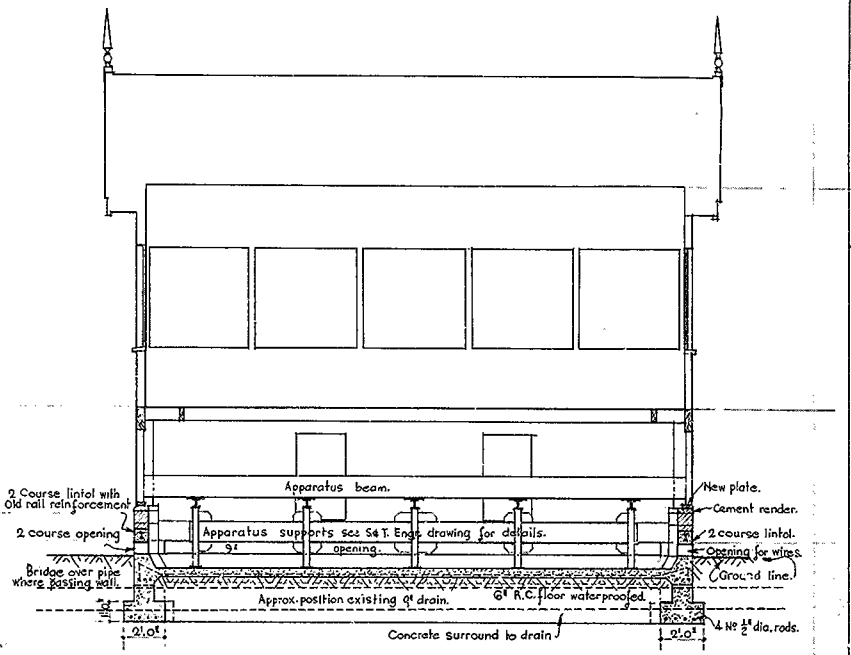
200



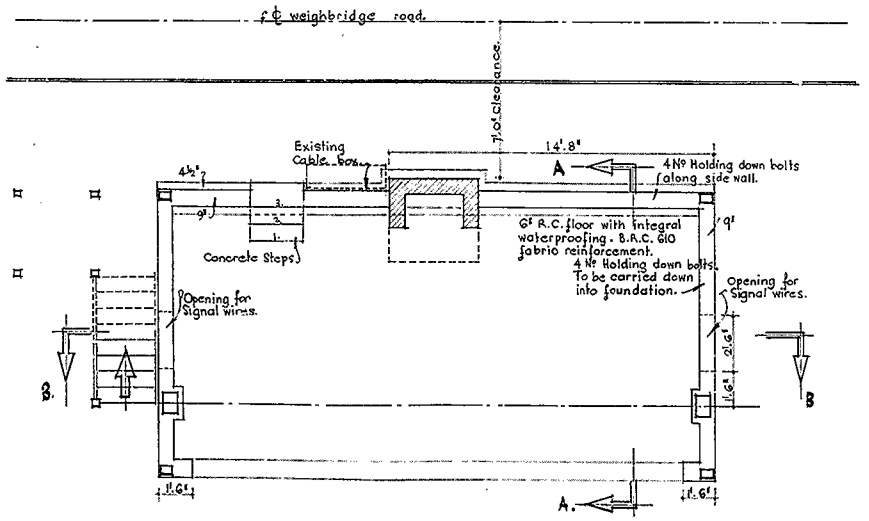
ELEVATION TO PLATFORM.



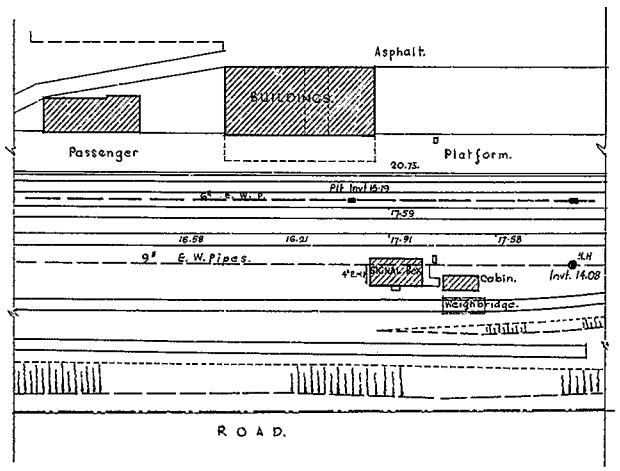
CROSS SECTION A.A.



SECTION B.B.



PLAN.



LOCALITY PLAN. 40' to 1"

V. R.

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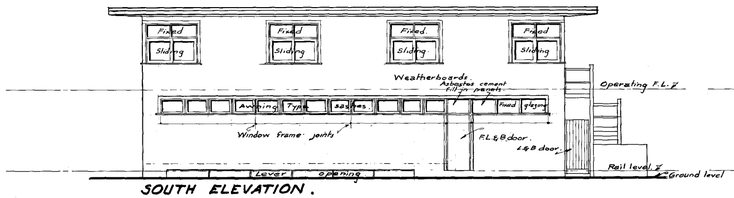
Scales ¼" to 1'0" & 40' to 1"

Chief Civil Engineer.

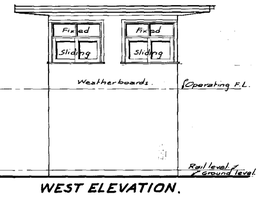
Signal & Telegraph Engineer.

Work completed. 2-8-46.			H. Hutcliffe. Chief Architect. 9-8-1945	B. 200	PLAN No.
Drawn by E.A.E.	Checked	Corres No.		B. 65	405.45

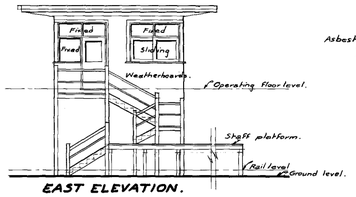
200



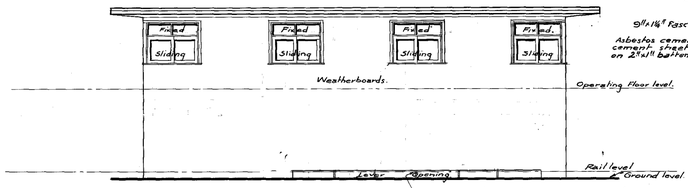
SOUTH ELEVATION.



WEST ELEVATION.



EAST ELEVATION.

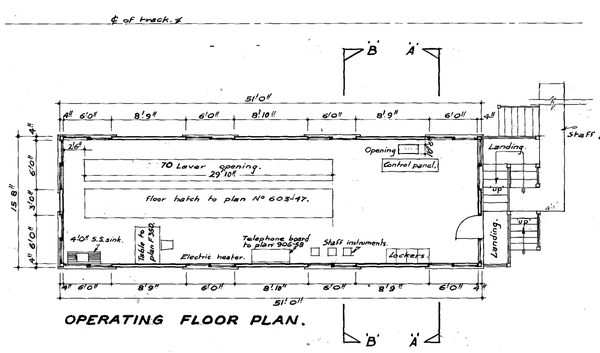


NORTH ELEVATION.

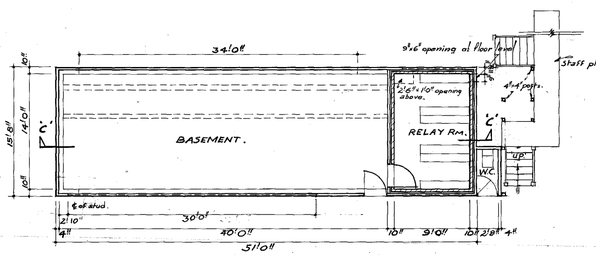
adj. pipe support supplied by S.& T. Engineer and positioned in conjunction with S.& T. supervisor at not more than 5'6" c.c.



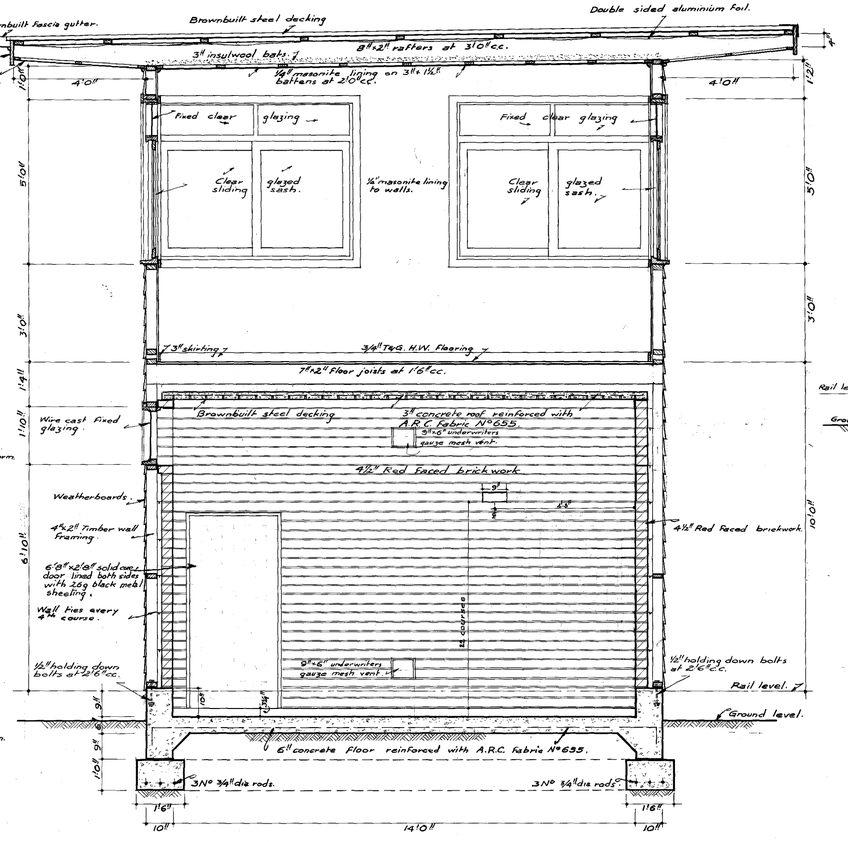
CONC. FLOOR SECTION C.C.



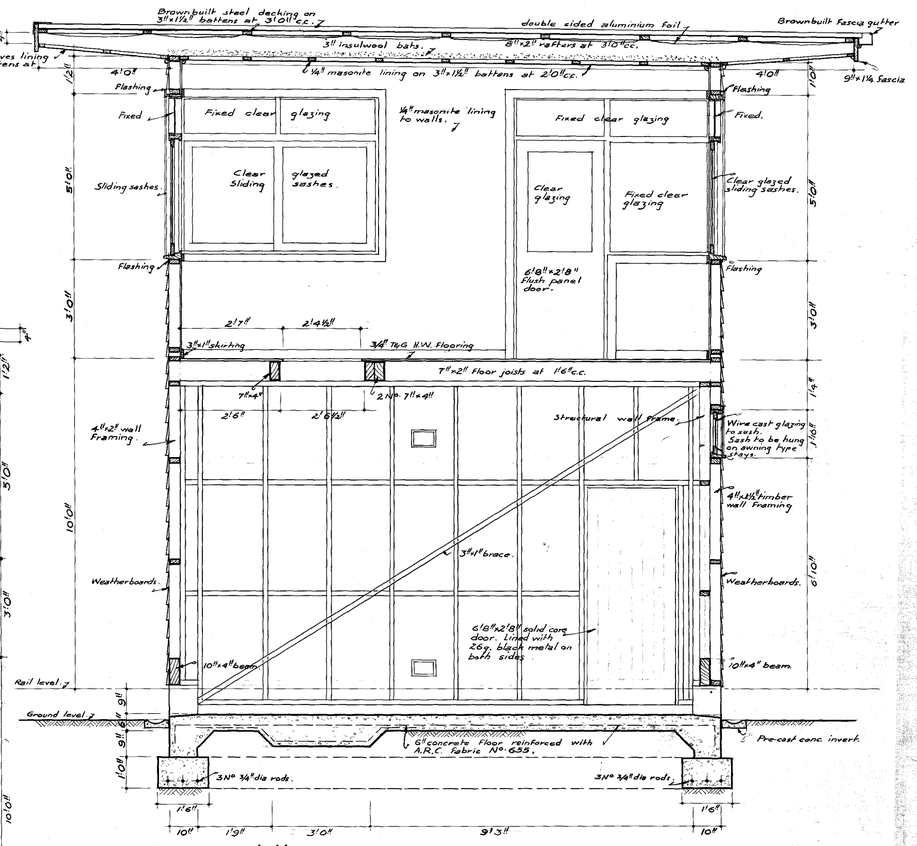
OPERATING FLOOR PLAN.



BASEMENT FLOOR PLAN.



SECTION 'A'-'A'.



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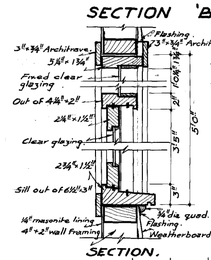
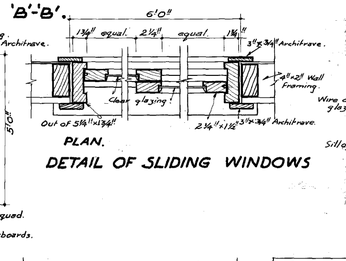
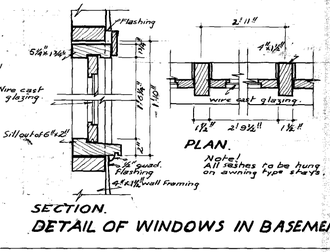


SECTION.



PLAN.

DETAIL OF SLIDING WINDOWS



SECTION.

PLAN.

Metal sashes to be hung on awning type stays.

DETAIL OF WINDOWS IN BASEMENT.

Revision	Date.	Amendment.	Amended By.
'C'	16.2.62.	Additional stairs to staff platform;	R.A.S.
'B'	6.6.61.	Alterations to windows & wall Framing	R.A.S.
'A'	30.5.61.	Lever opening reduced to 70 levers	R.A.S.

V.R.

WODONGA. A

PROPOSED NEW SIGNAL BOX.

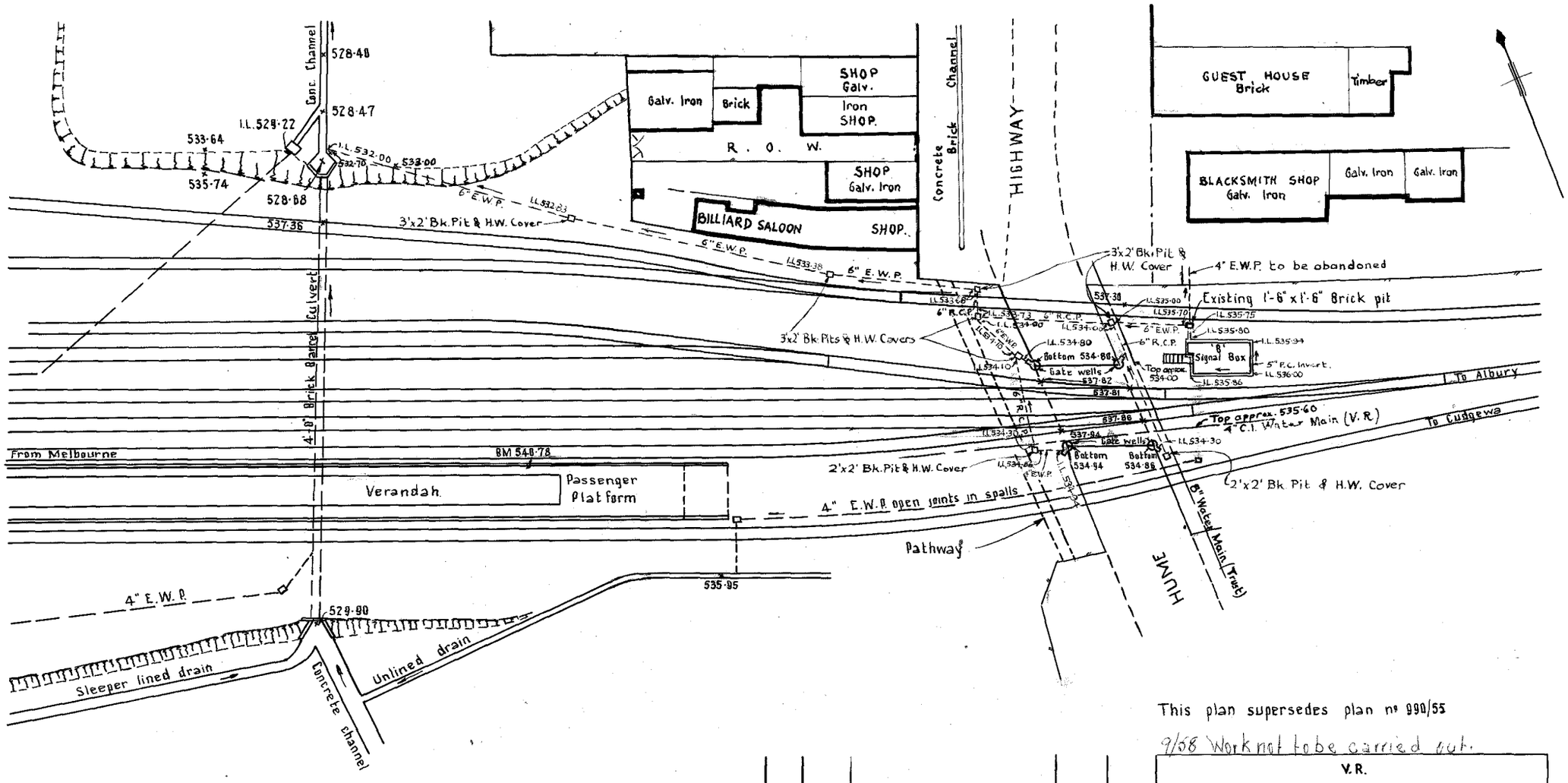
Scales 1/8", 1/4" & 1/16" to 1'0"

R.A.S. 24.5.61. Chief Civil Engineer

A.J.W. 23.5.61. Signal and Telegraph Engineer.

Drawn	Traced	Checked	Correct'd	Senior Architect	B.308	PLAN No C
R.A.S.		W.B.			A. 64.	443-61

308



This plan supersedes plan nº 990/55

9/58 Work not to be carried out.

Rev^n.	Date	Amendment	Field Book	Level Bk.
A	7·8·57.	Buildings N.W. corner of crossing amended.		

V.R.

WODONGA

DRAINAGE of 'B' SIGNAL BOX AND CROSSING GATE WELLS.

SCALE 1" = 40FT.

6.5.57

Chief Civil Engineer

Drawn	Checked	Corres	Engr of T&D	Plan No	Index No.
M C D			LAS.	132/57	1112-8

1112-8

1112-8

23782
B. 7. 3.

No Copy

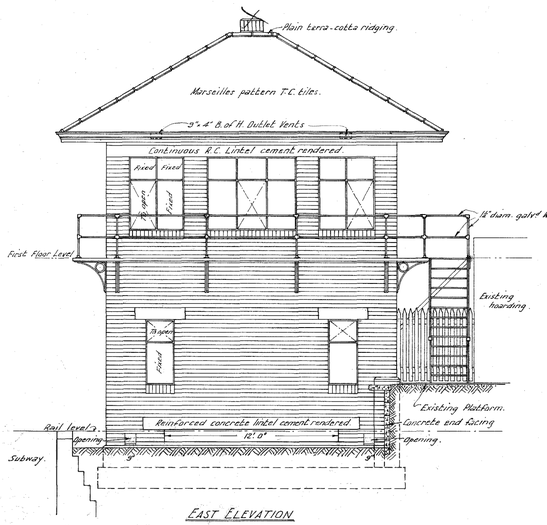
V. R.
YARRAVILLE
NEW SIGNAL BOX

Scale: 4 feet to 1 inch.

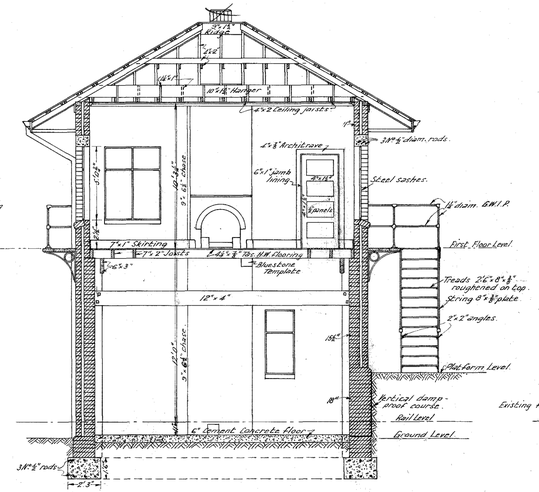
A.C.O. 19.4.26.

Chief Engineer of Way and Works.
6-5-26.

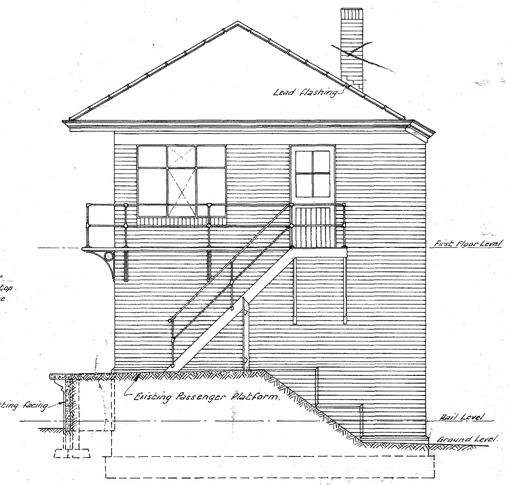
N.B. See amended plan of Chimney flue on other sheet. B-2 E-65



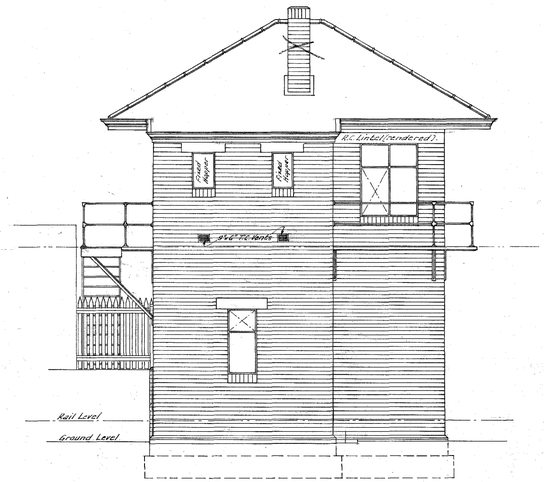
EAST ELEVATION



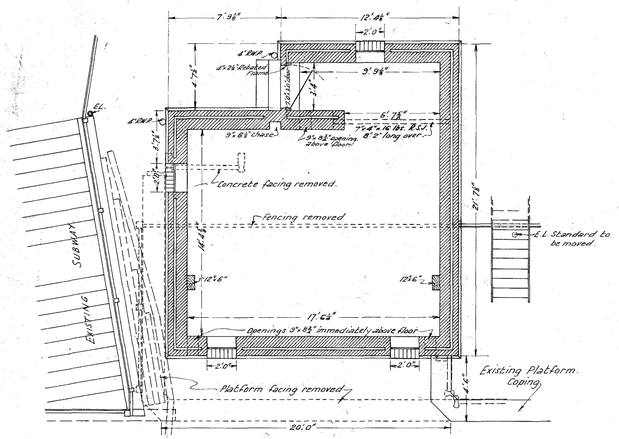
SECTION A-A.



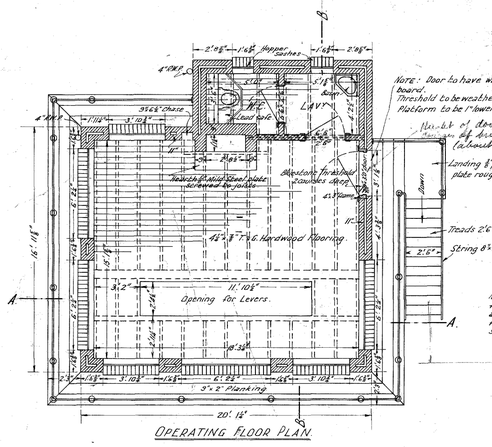
NORTH ELEVATION



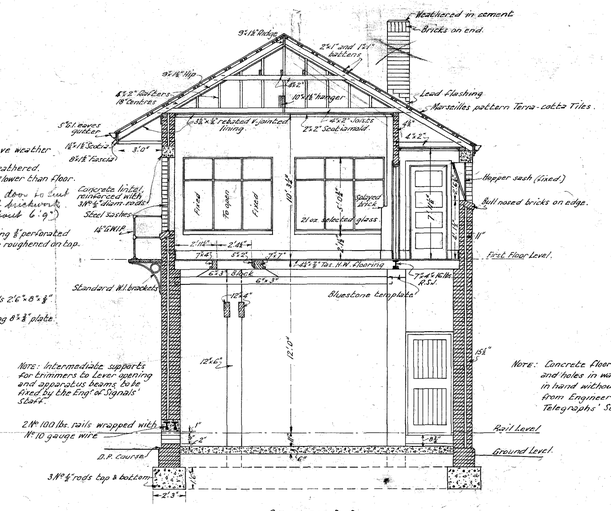
WEST ELEVATION



BASEMENT PLAN.

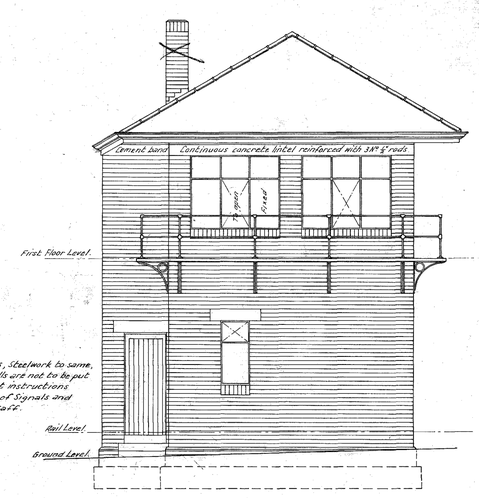


OPERATING FLOOR PLAN.



SECTION B-B.

Note: Concrete floors, Steelwork to same, and holes in walls are not to be put in hand without instructions from Engineer of Signals and Telegraphs' Staff.



SOUTH ELEVATION.

Approved
Chief Engr. Sigs. & Tels.

Chief Architect.

B 1
A 64

1604.26

VICTORIAN RAILWAYS,

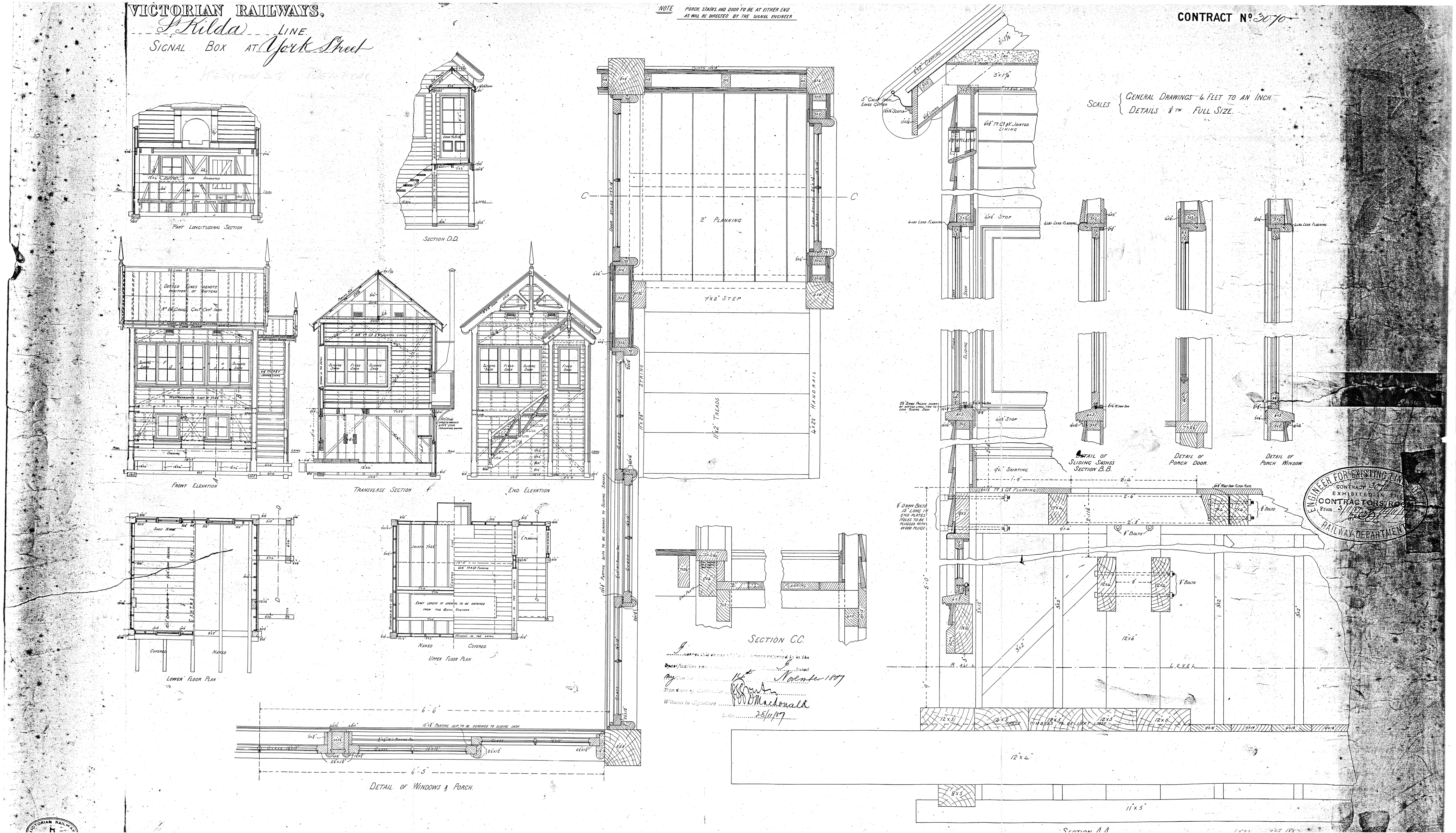
S. Kilda LINE.

SIGNAL BOX AT York Street

NOTE PORCH, STAIRS, AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER

CONTRACT No. 3070

SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH. DETAILS 1/8TH FULL SIZE.



Specification and Conditions of Contract
My Tender Dated 14th November 1887
Signature of Contractor
Witness to Signature D. Macdonald
Date 28/11/87

ENGINEER FOR EXISTING LINES
CONTRACT 3070
EXHIBITED IN THE
CONTRACTORS ROOM
From 3/11/87
RAILWAY DEPARTMENT

VICTORIAN RAILWAYS.

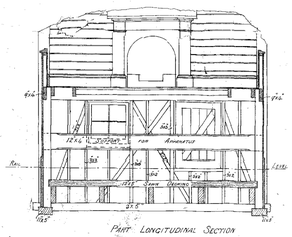
St Kilda LINE.

SIGNAL BOX AT York Street

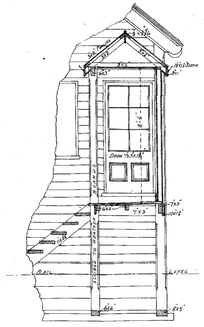
CONTRACT No. 3070

NOTE PORCH STAIRS AND DOOR TO BE AT EITHER END AS WILL BE DIRECTED BY THE SIGNAL ENGINEER

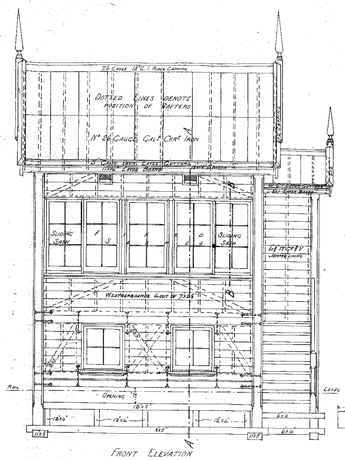
SCALES { GENERAL DRAWINGS 4 FEET TO AN INCH. DETAILS ½TH FULL SIZE.



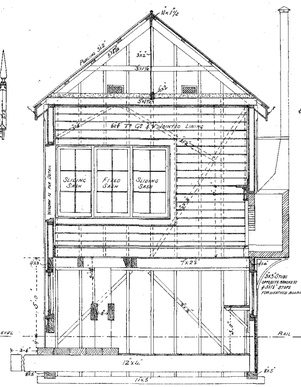
PART LONGITUDINAL SECTION



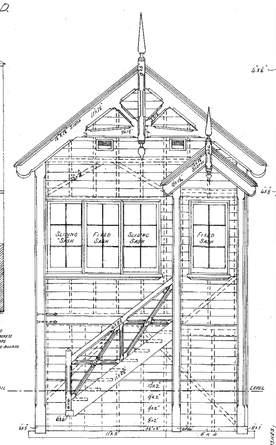
SECTION O.O.



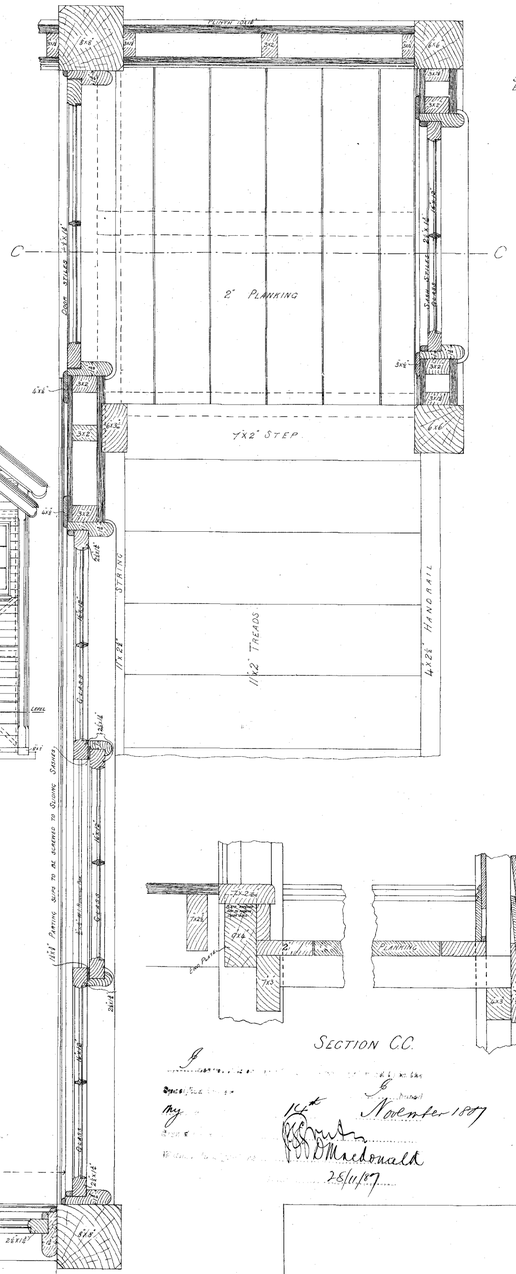
FRONT ELEVATION

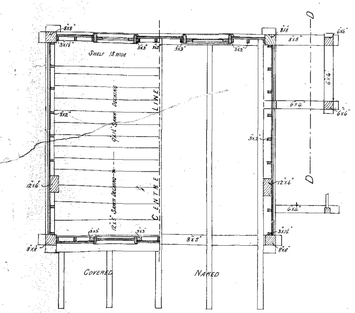


TRANSVERSE SECTION

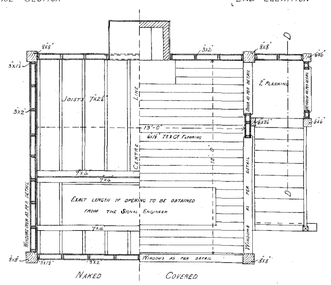


END ELEVATION

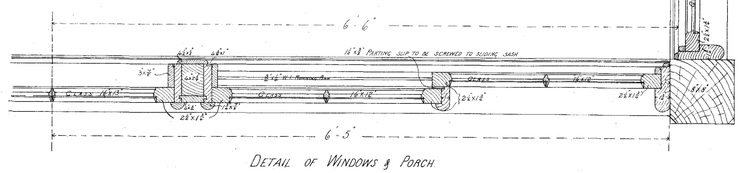




LOWER FLOOR PLAN



UPPER FLOOR PLAN



DETAIL OF WINDOWS & PORCH

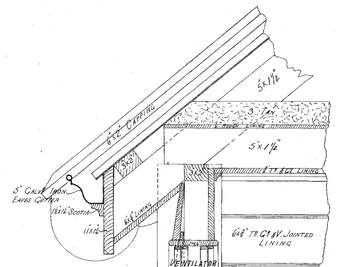
SECTION CC.

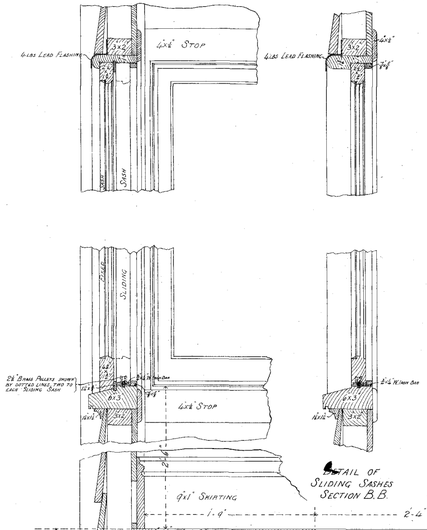
Approved

Dated 16th November 1887

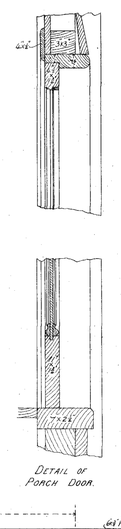
D Macdonald

25/11/87

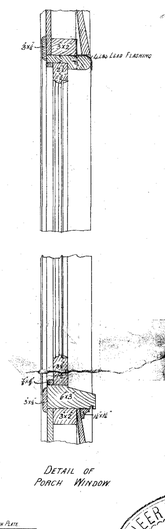




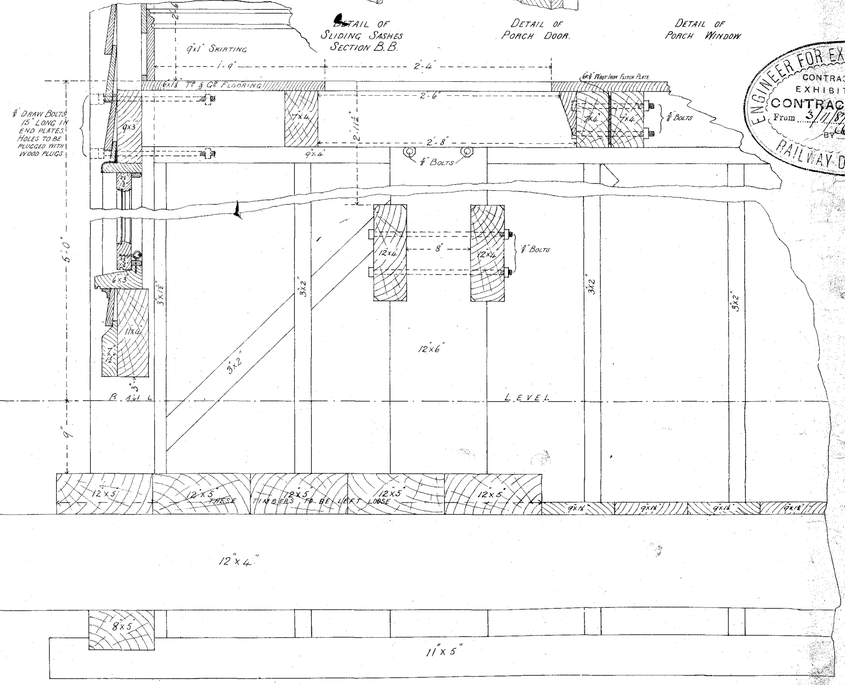
DETAIL OF SLIDING SASHES SECTION B.B.



DETAIL OF PORCH DOOR.



DETAIL OF PORCH WINDOW.



SECTION A.A.

ENGINEER FOR EXISTING LINES
CONTRACT 3070
EXHIBITED IN THE
CONTRACTORS' ROOM
From 5/11/87 To
RAILWAY DEPARTMENT

VICTORIAN RAILWAYS
Date 9 Nov 1887

RAILWAY DEPARTMENT, MELBOURNE, OCTR 1887
No 1673