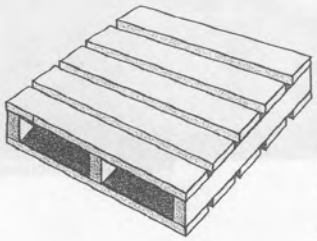
GOODS HANDLING by Jim Fainges

From Hand truck to Containers

With the exclusion of live stock, logs and minerals which require special equipment all other goods were transported via the goods shed.

Individual Loads

In the early days of railways goods were transported in individual containers bags, boxes, barrels, cartons. sacks and packages all capable of manual handling at both inward and receiving ends of rail transport larger pieces by a small crane and moved on hand trucks.

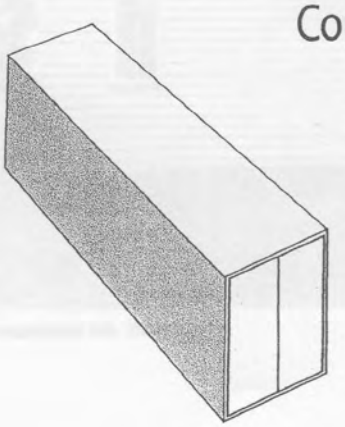


Pallet Loads

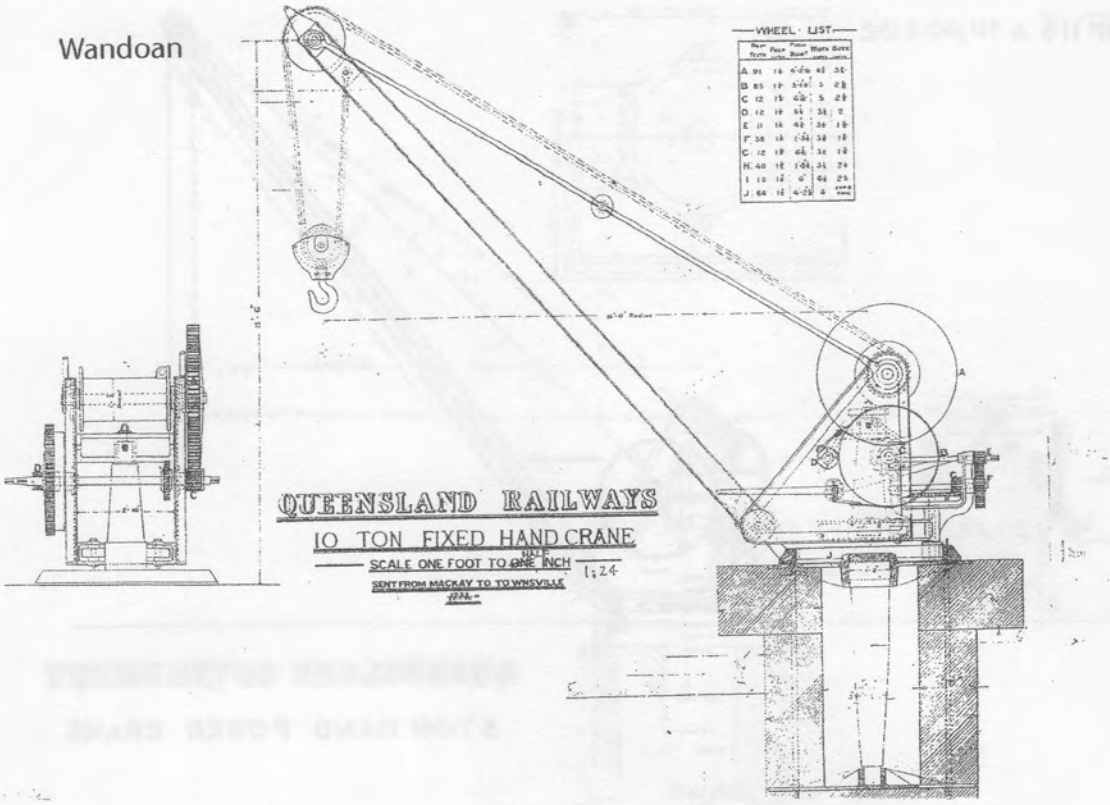
later to improve the ease of handling and to protect goods they were palletized or otherwise contained in small containers all capable of being handled by couple of men and maybe a fork lift.

For all this material the goods shed was capable of handling the majority if not all inward and outward goods and to help in unloading larger items and or machinery a crane was provided at most goods sheds to handle the expected loads.

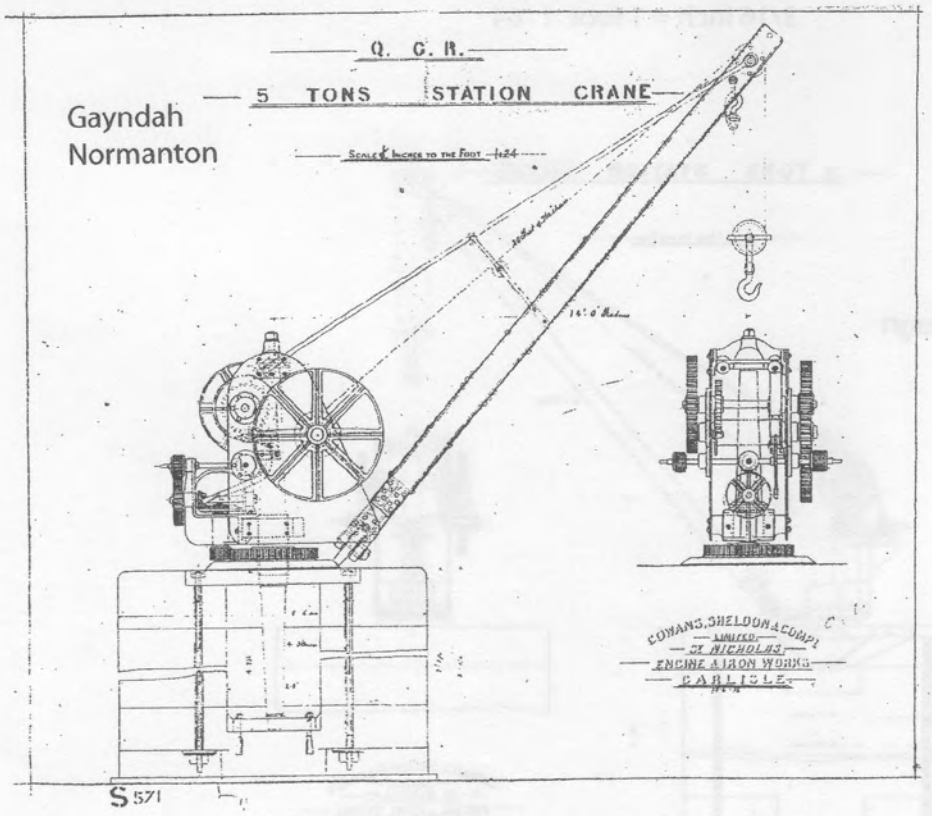
Containerization

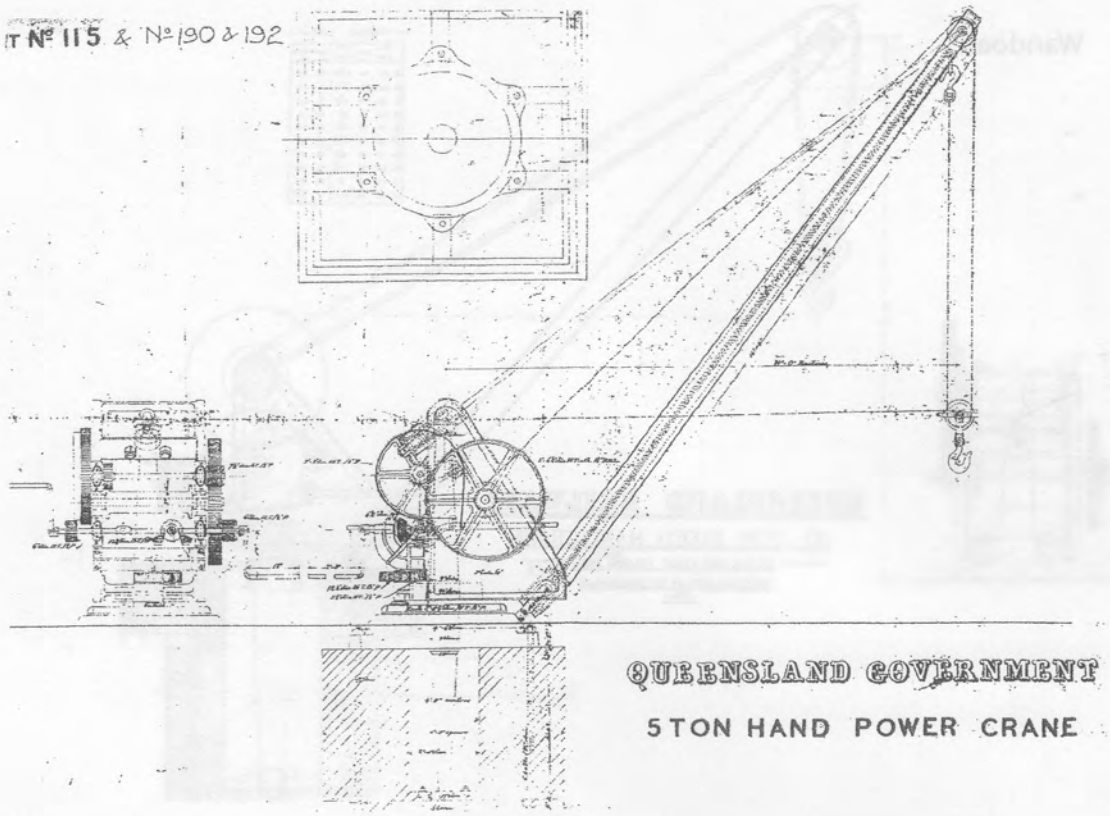


Nowadays goods are moved in bulk in large containers or other bulk containers on specially designed rolling stock and also required special handling equipment at both ends of the trip leading to the demise of the goods shed.



Reproductions of Q R Drawings
3/16 inch = 1 foot 1 :64





Reproductions of Q R Drawings
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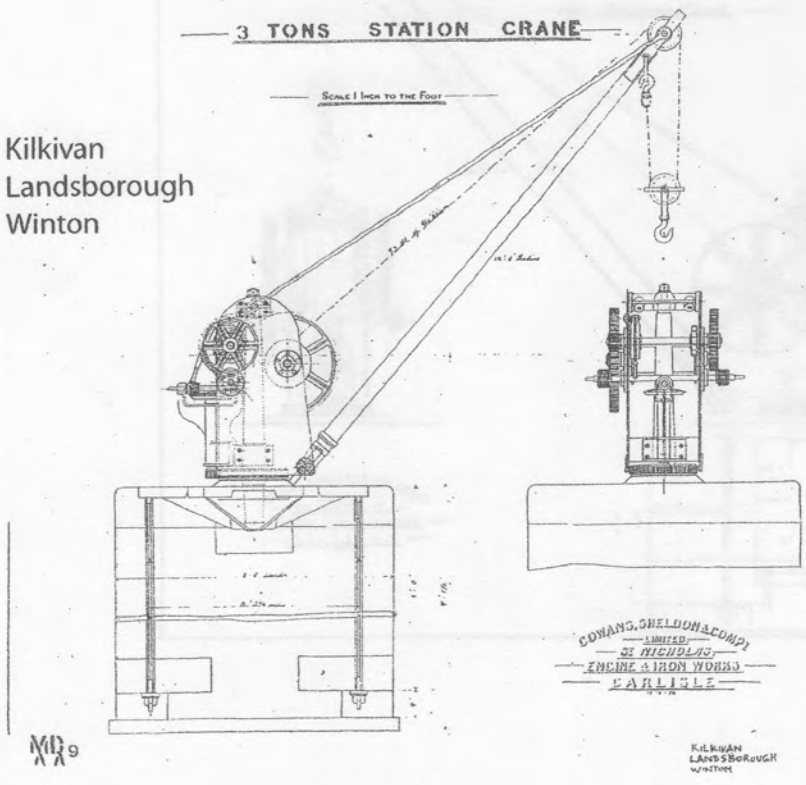
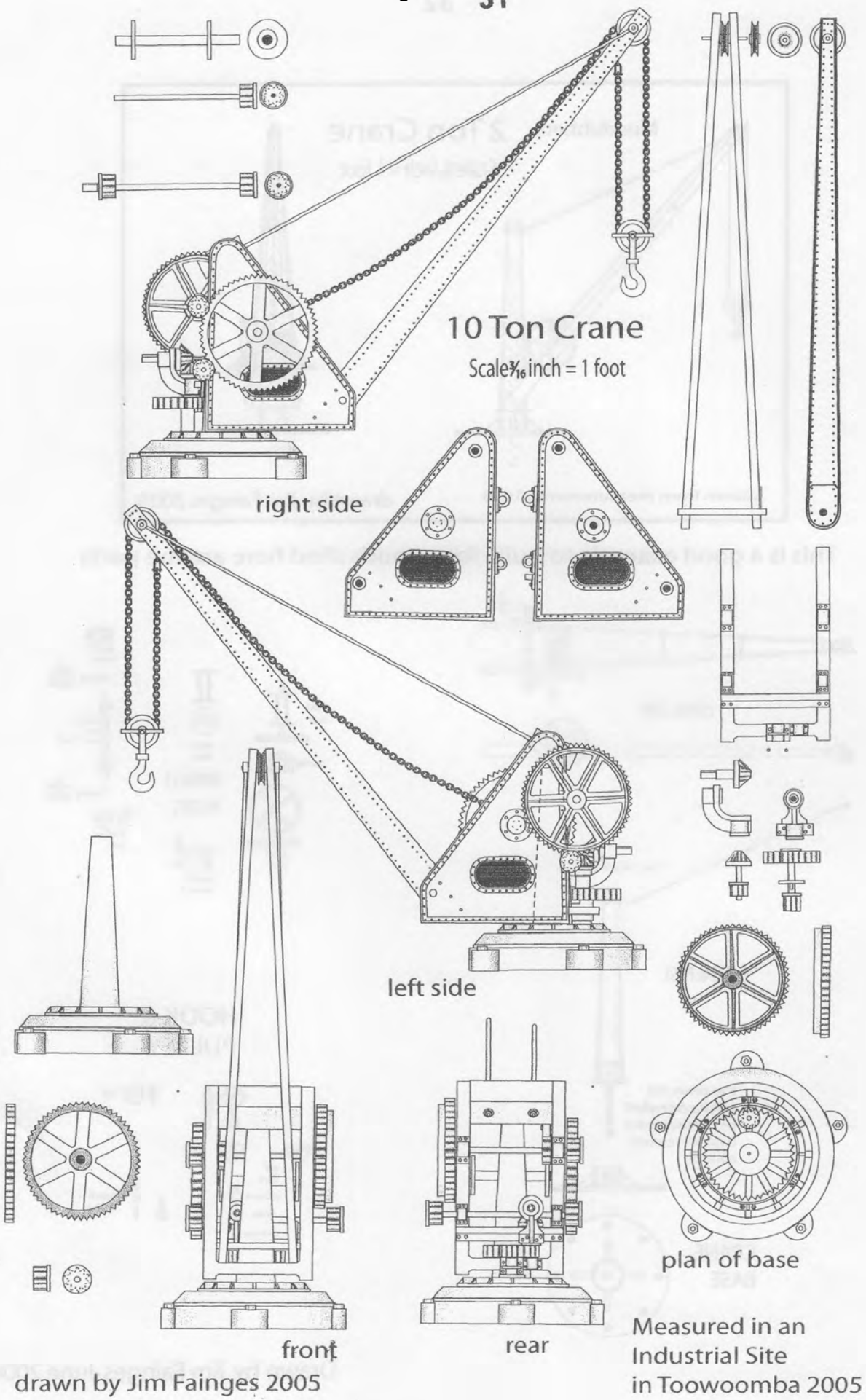
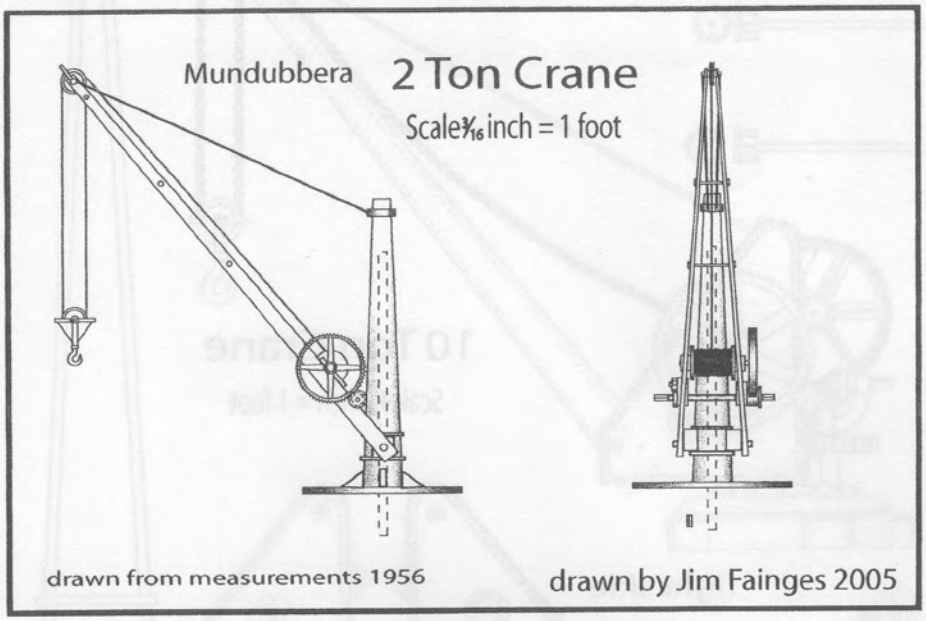
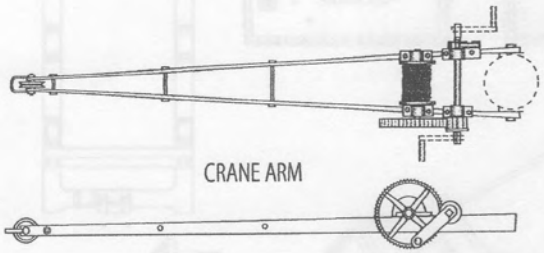


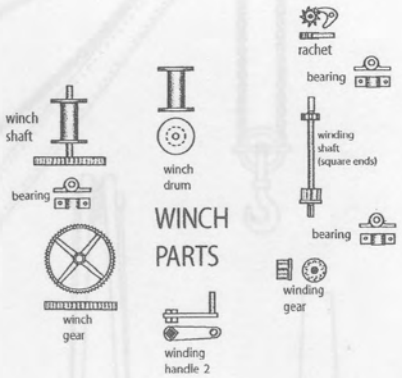
Kilkivan
Landsborough
Winton

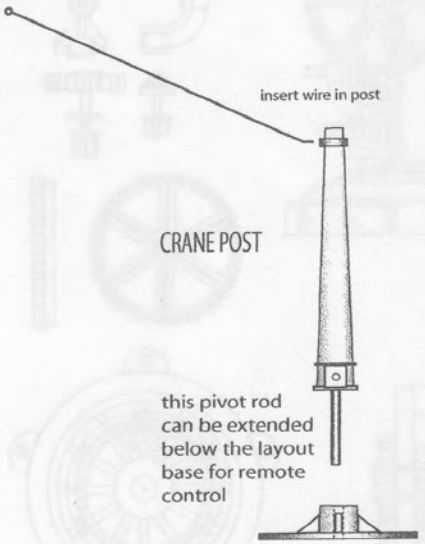

10 Ton Crane
Scale 3/16 inch = 1 foot
right side
left side
front
rear
plan of base
drawn by Jim Fainges 2005
Measured in an
Industrial Site
in Toowoomba 2005

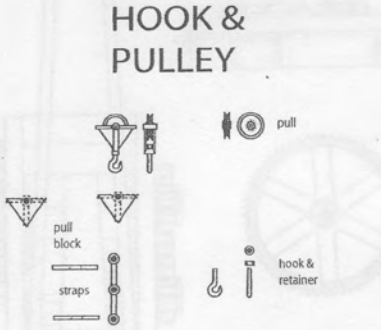


This is a good example to build for a goods shed here are the parts



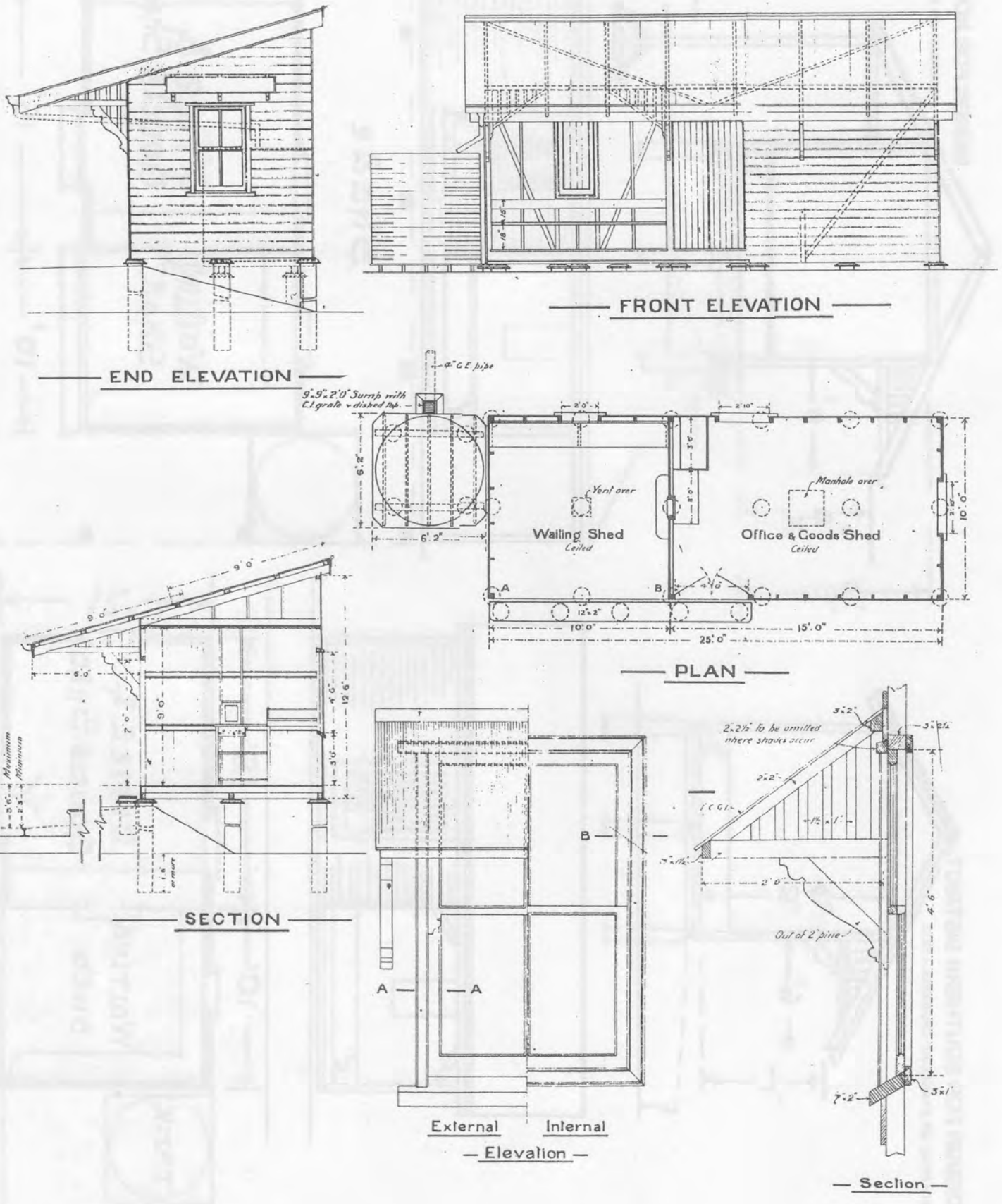


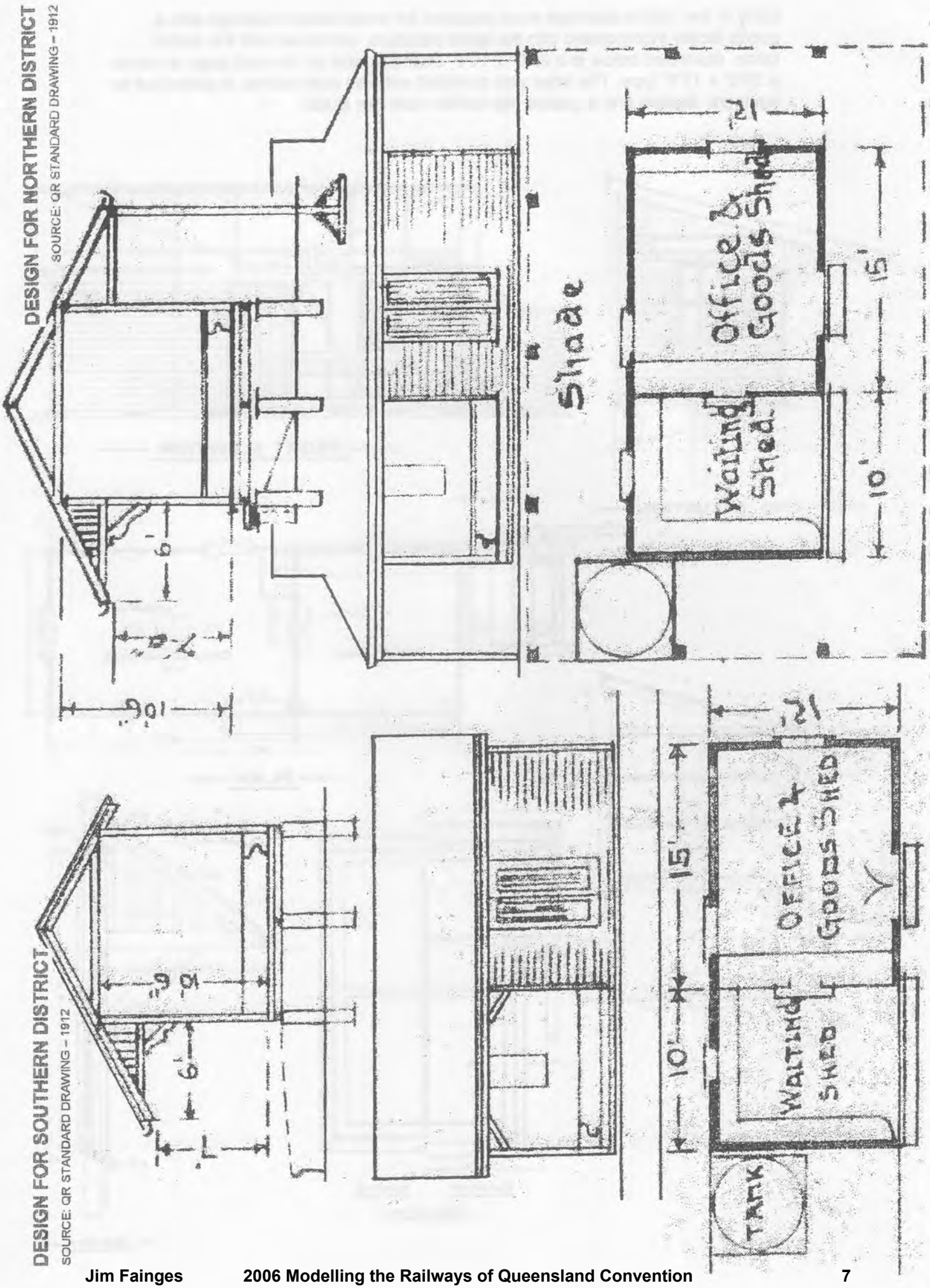


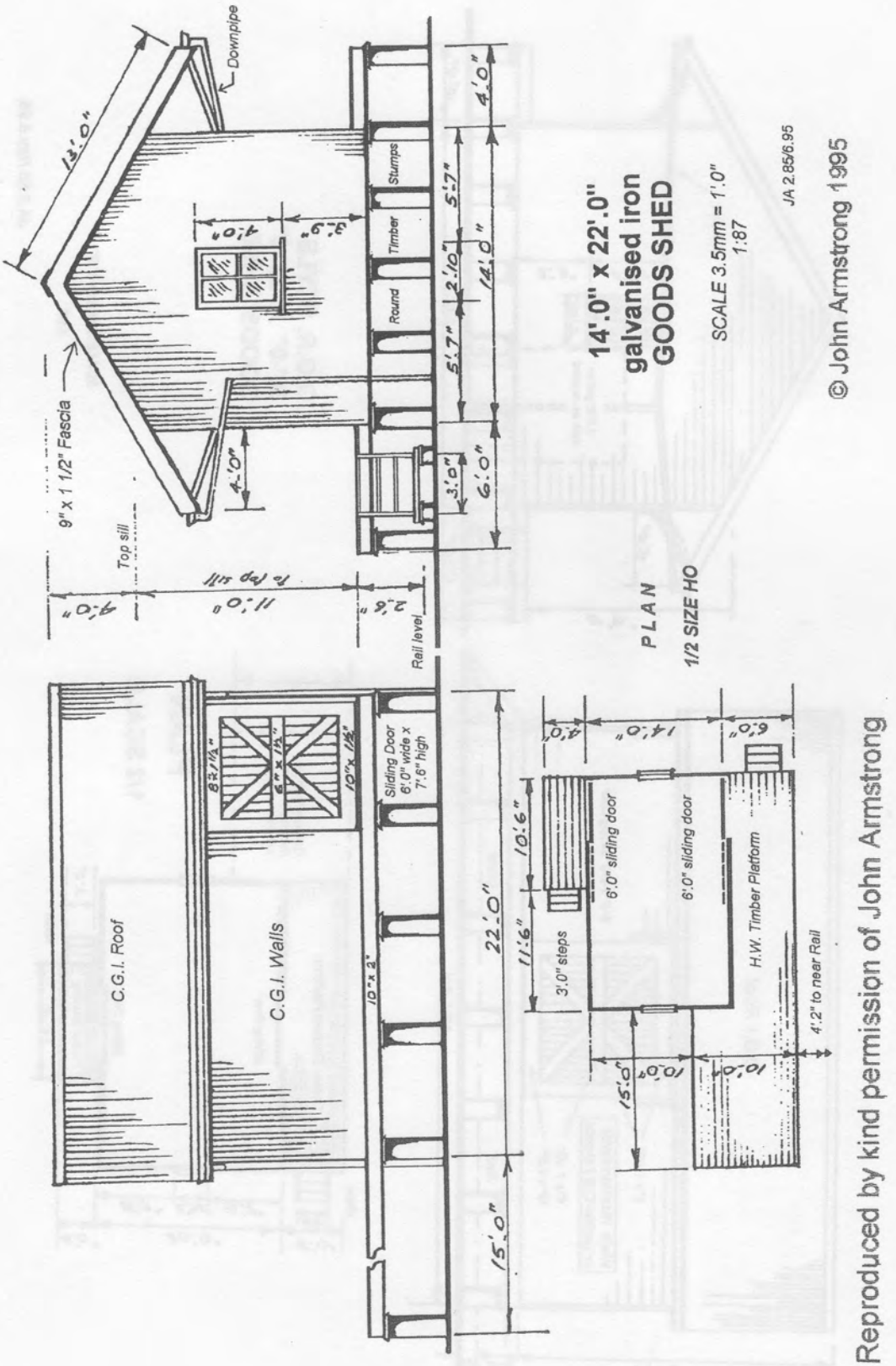


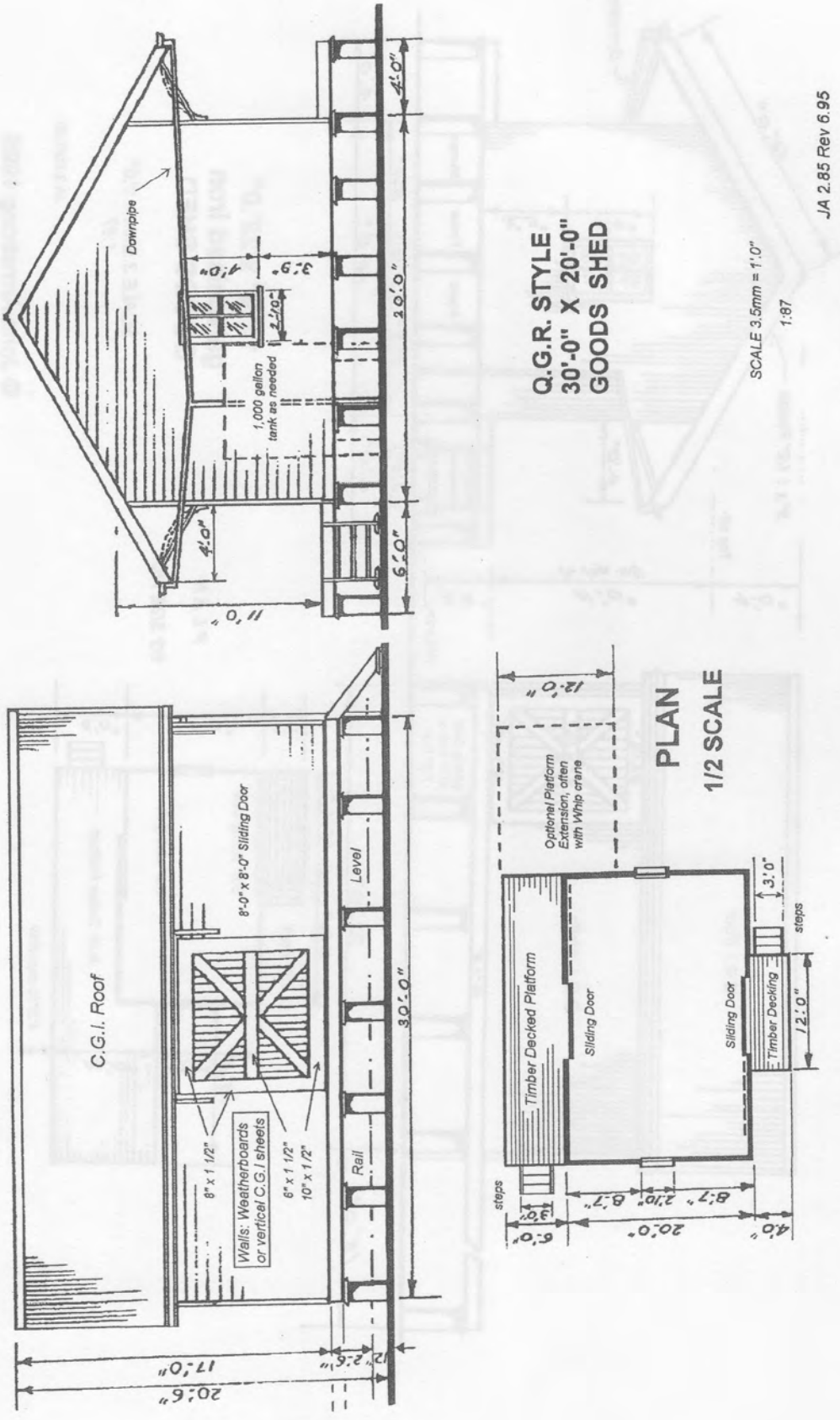
Drawn by Jim Fainges June 2006

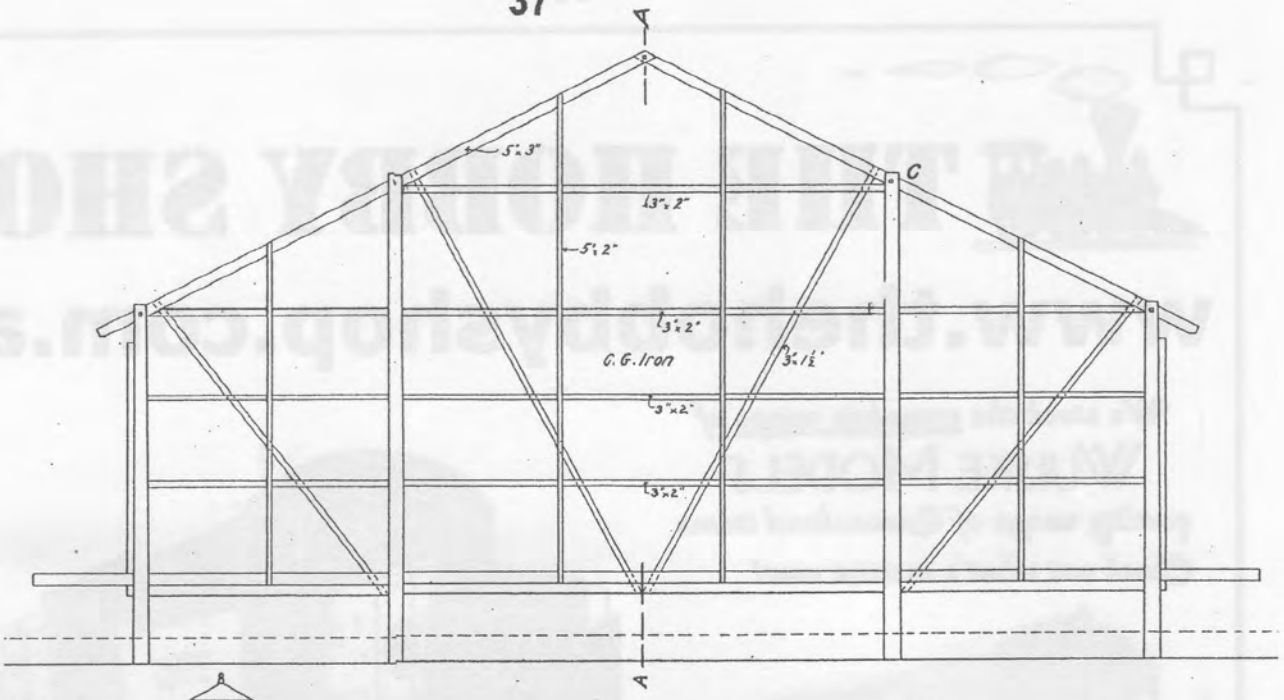
Early in the 1900's drawings were prepared for small station buildings with a goods facility incorporated into the same structure, combined with the station office. Illustrated below is a 25'0" x 10'0" example, and on the next page is shown a 25'0" x 12'0" type. The latter was provided with two roof options, a gable roof for southern districts and a gabled-hip roof for northern areas.



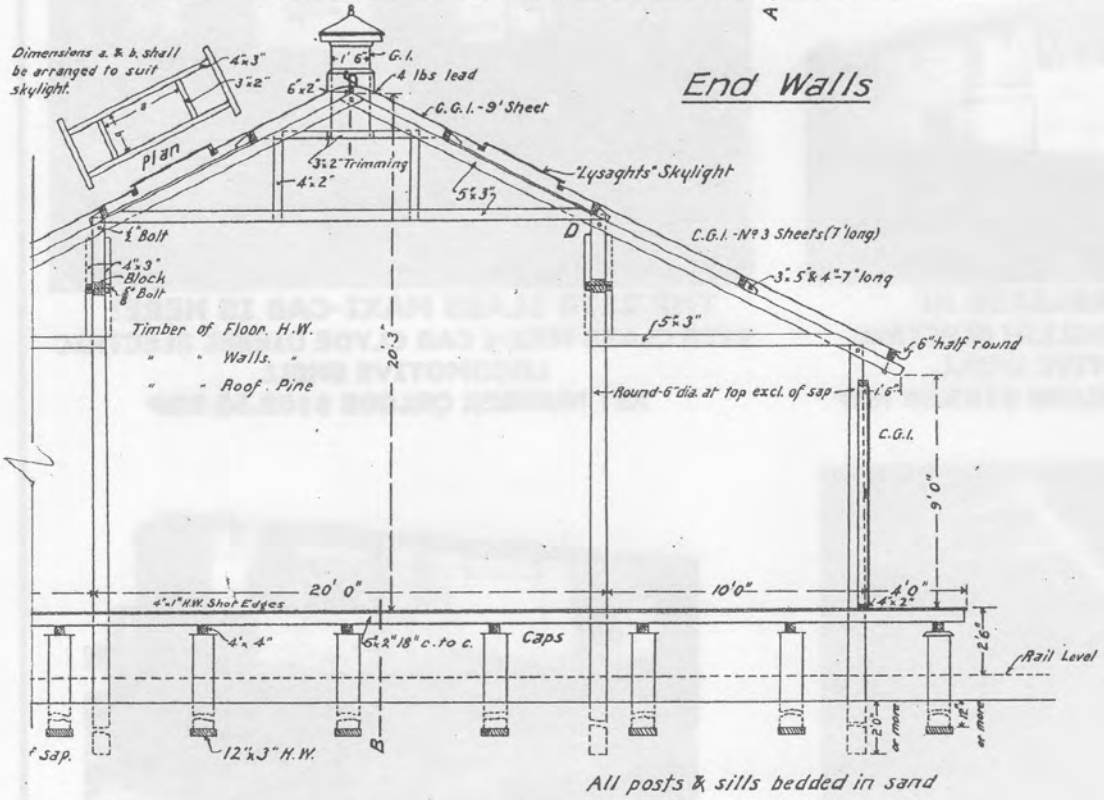

DESIGN FOR NORTHERN DISTRICT
SOURCE: QR STANDARD DRAWING – 1912
Shade
Office & Goods Shed
Waiting Shed
21'
15'
10'
DESIGN FOR SOUTHERN DISTRICT
SOURCE: QR STANDARD DRAWING – 1912
OFFICE & GOODS SHED
WAITING SHED
TANK


14'.0" x 22'.0"
galvanised iron
GOODS SHED
SCALE 3.5mm = 1'.0"
1:87
JA 2.85/6.95
© John Armstrong 1995
PLAN
1/2 SIZE HO
Reproduced by kind permission of John Armstrong
Downpipe
9" x 1 1/2" Fascia
Top sill
Rail level
Stumps
Timber
Round
C.G.I. Roof
C.G.I. Walls
Sliding Door
6'.0" wide x
7'.6" high
6'.0" sliding door
6'.0" sliding door
3'.0" steps
H.W. Timber Platform
4'.2" to near Rail


Q.G.R. STYLE
30'-0" X 20'-0"
GOODS SHED
SCALE 3.5mm = 1'-0"
1:87
JA 2.85 Rev 6.95
© John Armstrong 1995
Reproduced by kind permission of John Armstrong
PLAN
1/2 SCALE
Downpipe
1,000 gallon tank as needed
C.G.I. Roof
8'-0" x 8'-0" Sliding Door
Level
Rail
Walls: Weatherboards or vertical C.G.I sheets
8" x 1 1/2"
6" x 1 1/2"
10" x 1/2"
Optional Platform Extension, often with Whip crane
Timber Decked Platform
Sliding Door
Timber Decking
steps

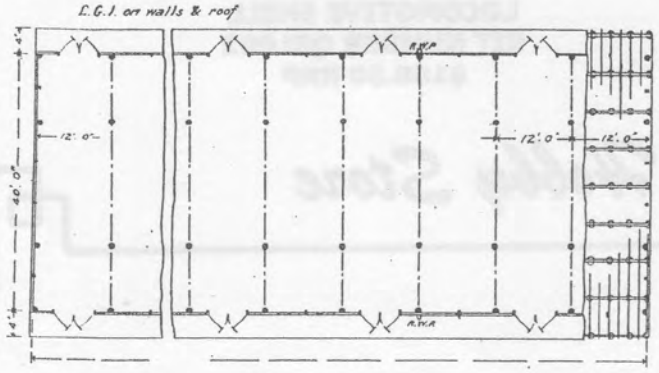


End Walls

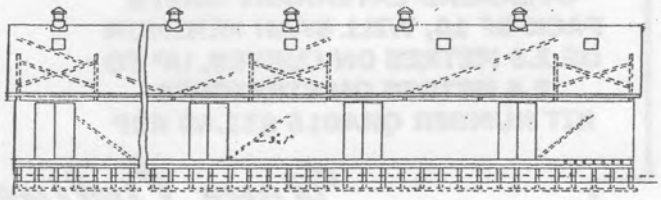


All posts & sills bedded in sand

Cross Section (Part)



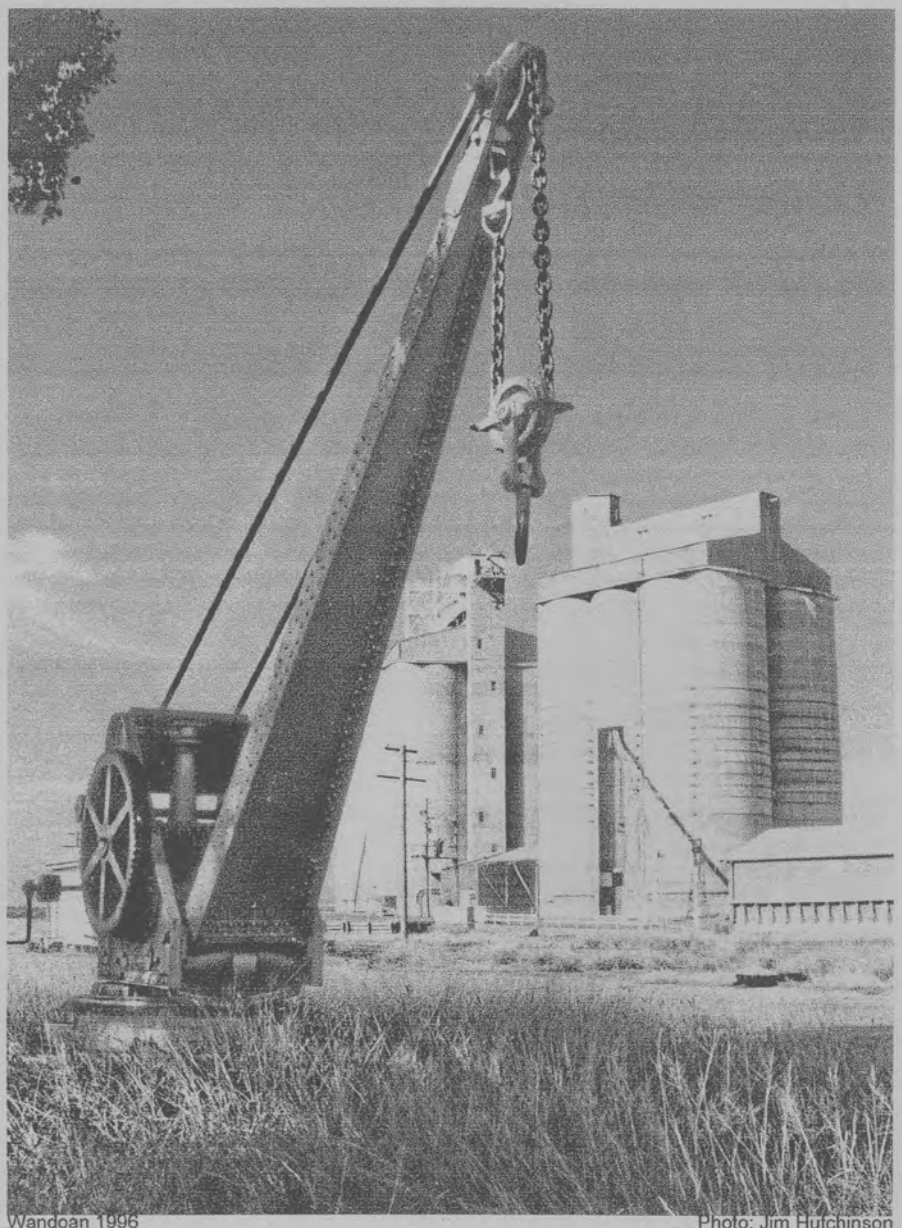
Plan



Side

WHEAT SHED

SOURCE: QR STANDARD DRAWING



Wandoan 1996 Photo: Jim Hutchinson