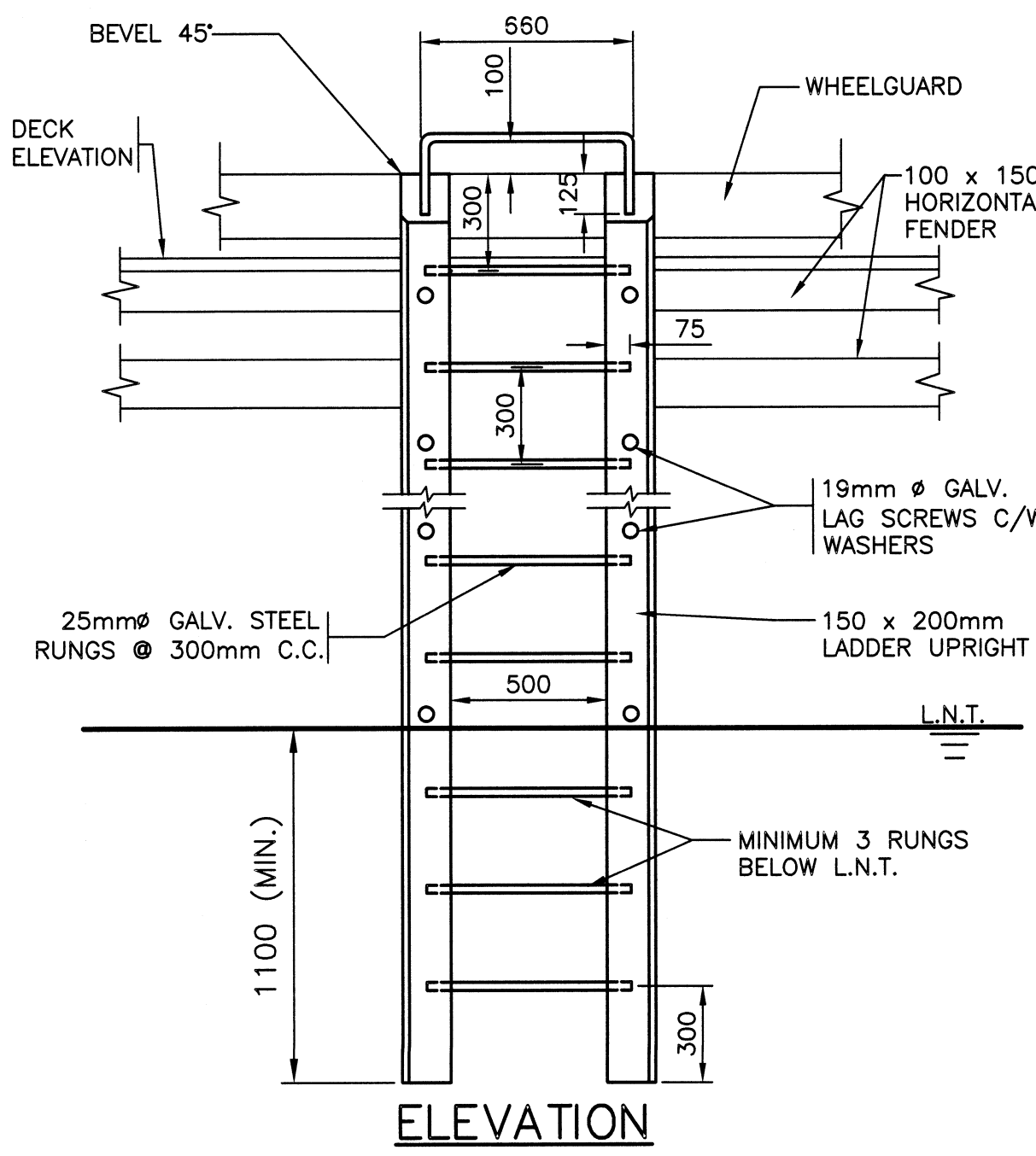


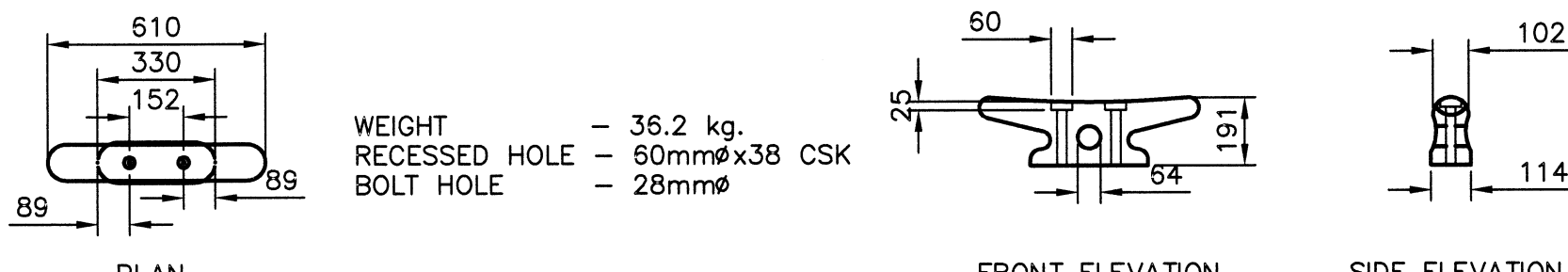
PLAN



ELEVATION

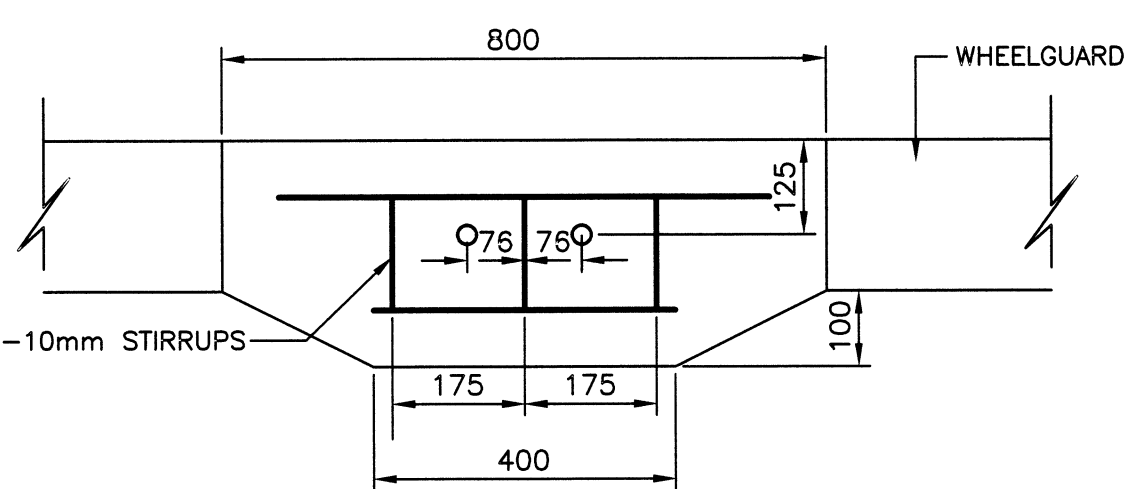
LADDER DETAIL

SCALE 1:20

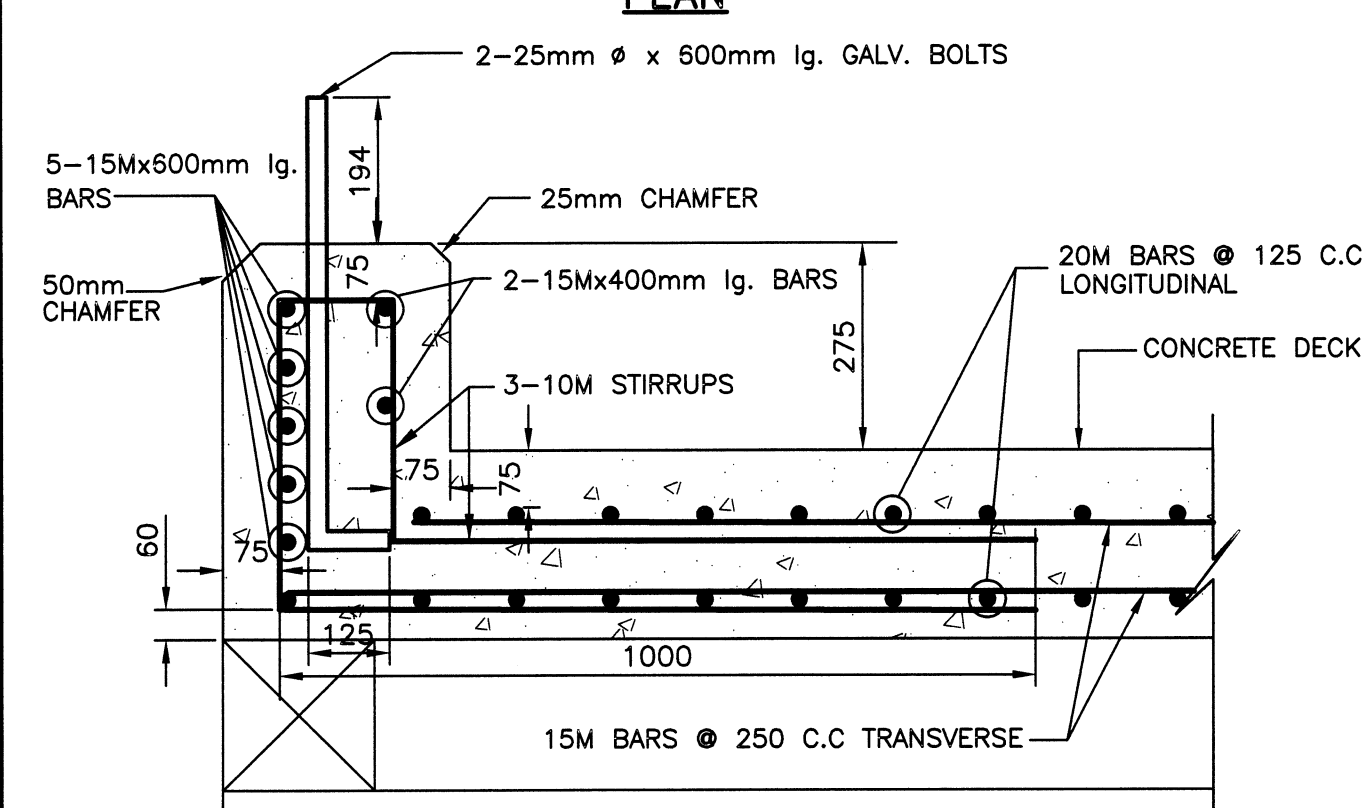


TYPE "B1" CLEAT

SCALE 1:20



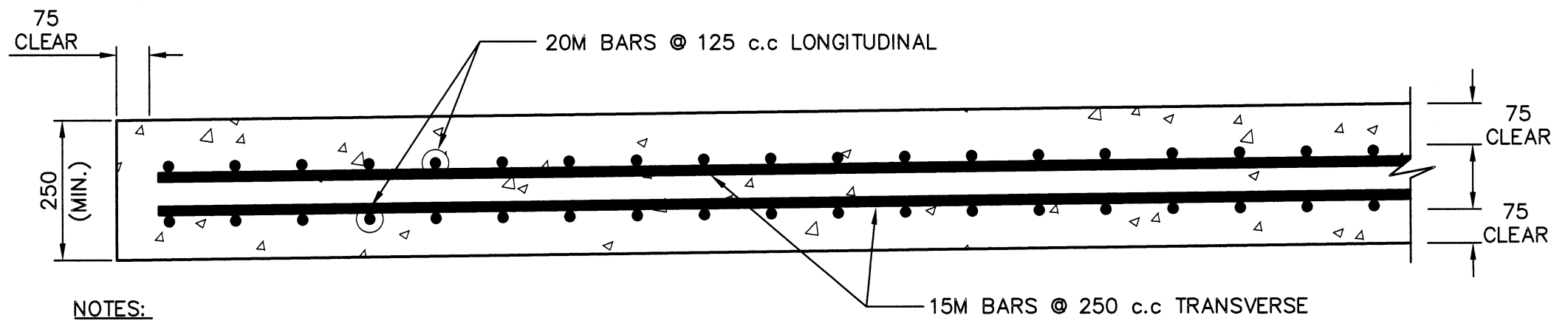
PLAN



SECTION

TYPE "B1" CLEAT BLOCK IN CRIBWORK

SCALE 1:10

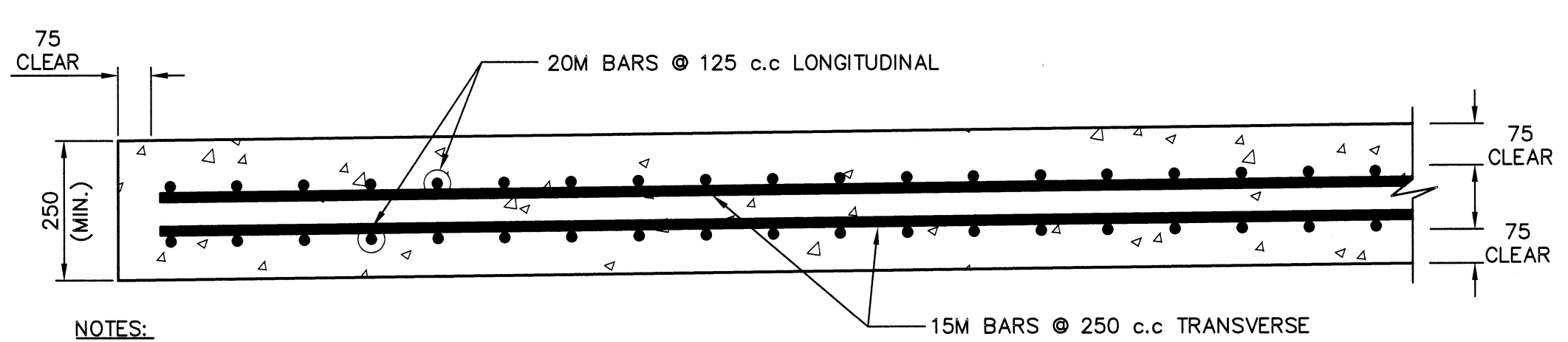


NOTES:

1. ALL LONGITUDINAL STEEL PERPENDICULAR TO CROSS-TIES AND PLACED ON TOP OF UPPER MAT AND BOTTOM LAYER OF LOWER MAT.

REINFORCED CONCRETE DECK OVER CRIBWORK

SCALE 1:10

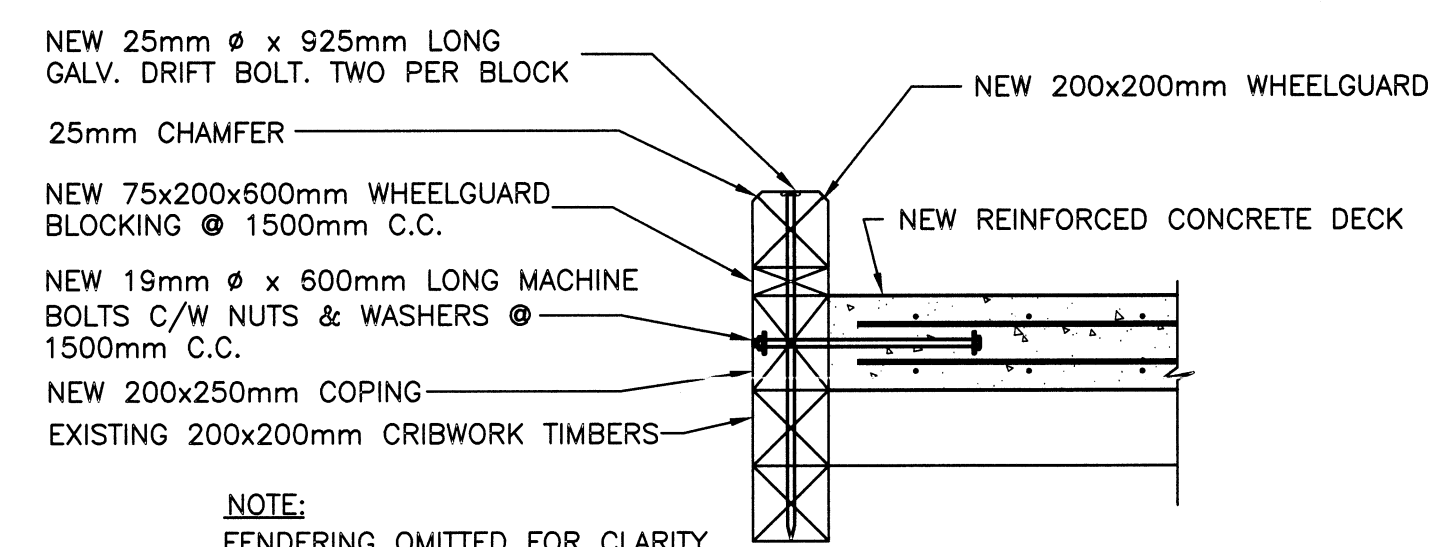


NOTES:

1. SUB-EXCAVATE EXISTING MATERIAL AS REQUIRED TO INSTALL NEW GRANULARS UNDER NEW SLAB-ON-GRADE, SEE DETAILS

SLAB ON GRADE OVER NEW GRANULARS

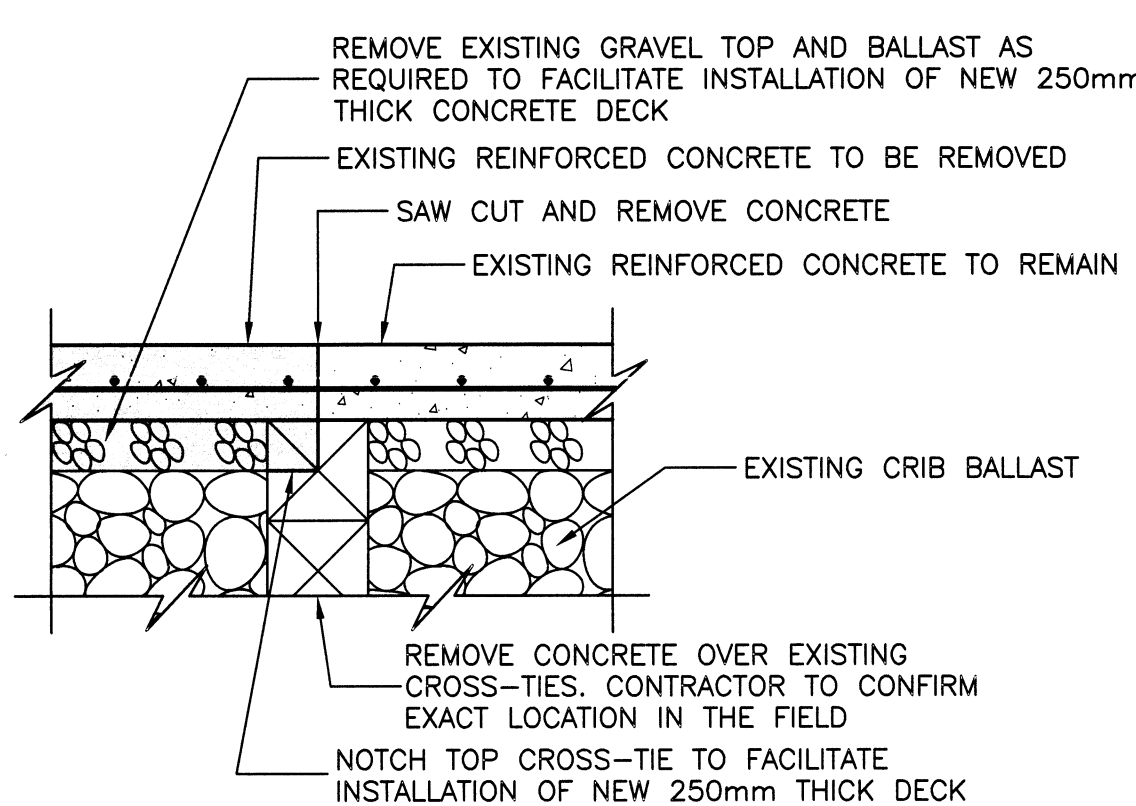
SCALE 1:10



NOTE:
FENDERING OMITTED FOR CLARITY.

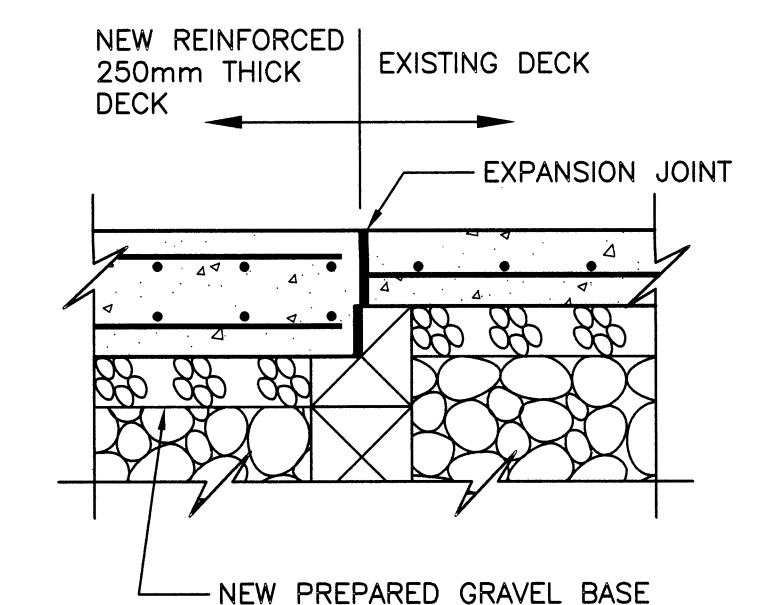
WHEELGUARD AND COPING DETAIL

SCALE 1:20



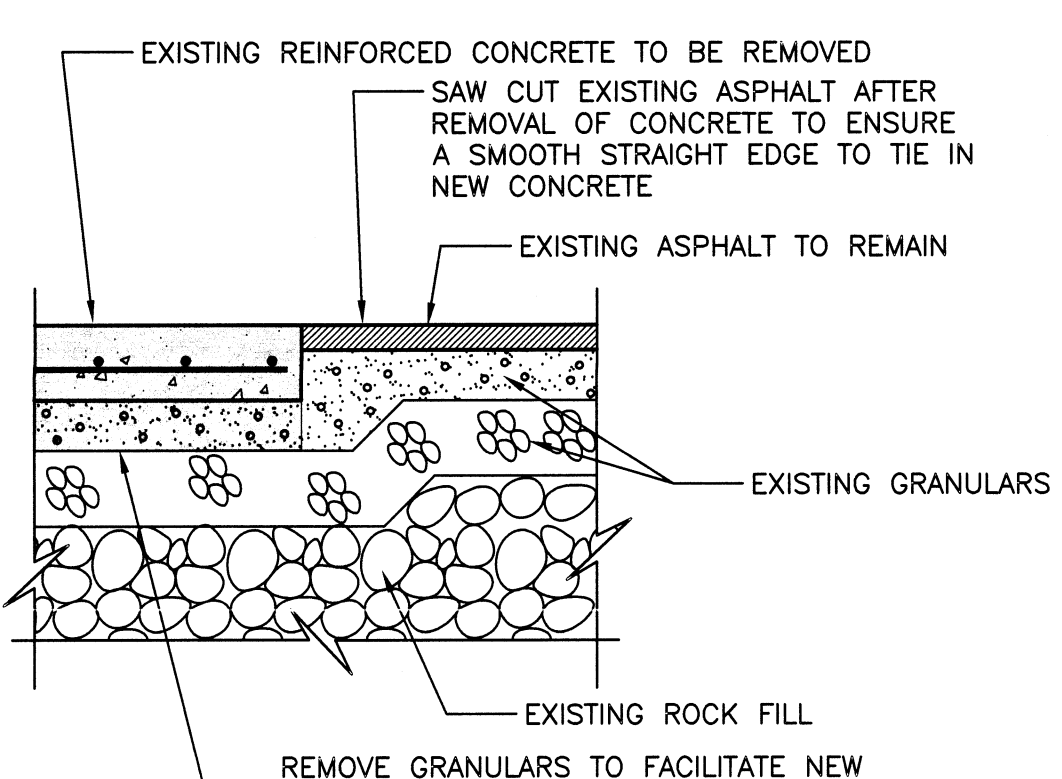
DEMOLITION SECTION

SCALE 1:15



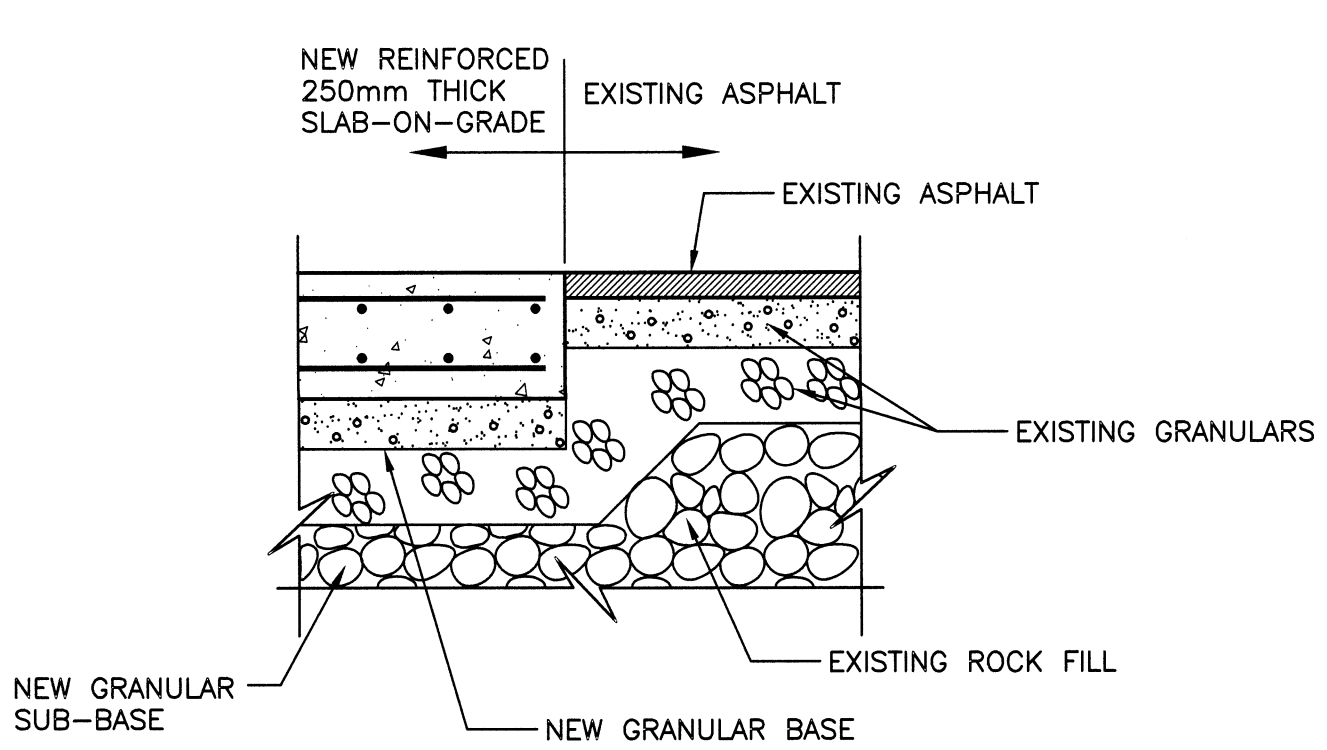
CONCRETE TIE-IN DETAIL STRUCTURAL DECK

SCALE 1:15



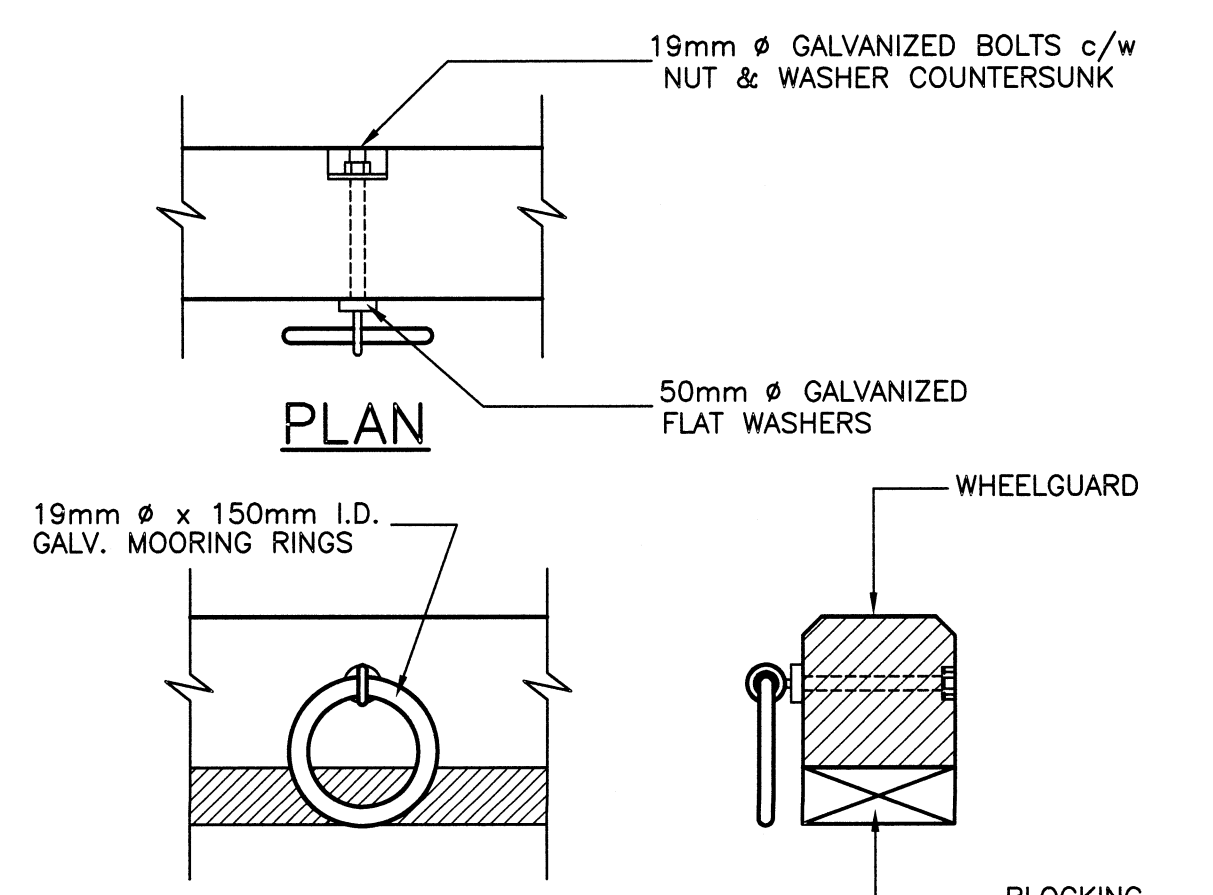
DEMOLITION SECTION

SCALE 1:25



CONCRETE TIE-IN DETAIL

SCALE 1:25



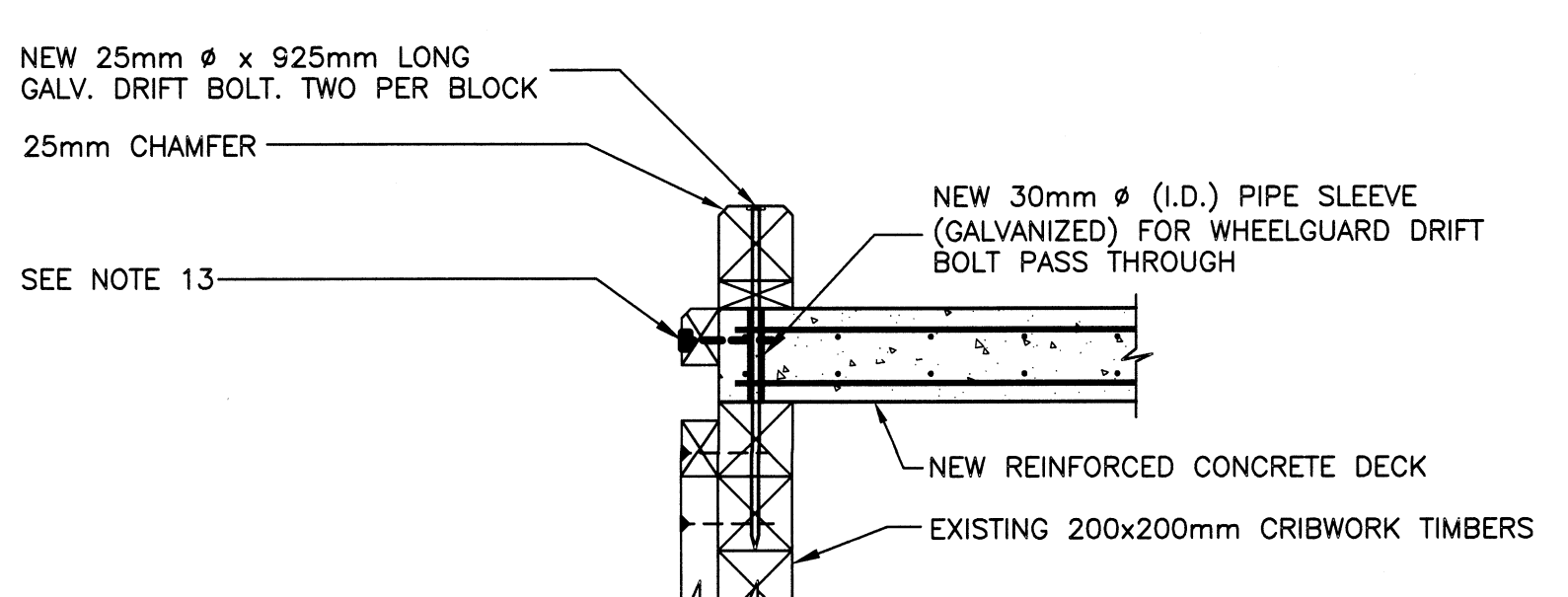
PLAN

ELEVATION

TYPICAL SECTION

MOORING RINGS

SCALE 1:10

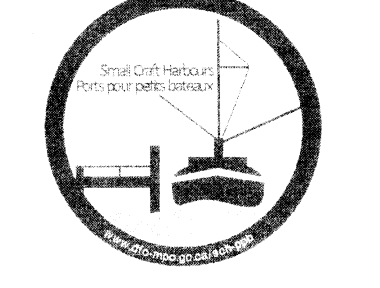


CONCRETE DECK/COPING DETAIL

SCALE 1:20



SMALL CRAFT HARBOURS



PROVINCE OF NEWFOUNDLAND AND LABRADOR
PERMIT HOLDER
This Permit Allows
Meridian Engineering Inc.
To practice Professional Engineering
in Newfoundland and Labrador.
Permit No. as issued by PEG - 30453
which is valid for the year 2015.

- GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MILLIMETERS.
 2. ALL ELEVATIONS IN METERS.
 3. DO NOT SCALE FROM DRAWING, USE DIMENSIONS AS SHOWN.
 4. MINIMUM CONCRETE STRENGTH 35 MPa @ 28 DAYS.
 5. REINFORCING STEEL YIELD STRENGTH 400 MPa.
 6. REINFORCING STEEL SPLICES SHALL CONFORM TO A23.3, LATEST EDITION AND AS INDICATED BELOW:
A.) STRUCTURAL DECK
- 20M = 700mm LAP
- 15M = 500mm LAP
B.) ALL OTHER AREAS
- 20M = 850mm LAP
- 15M = 650mm LAP
 7. ALL REBAR TO HAVE MIN. COVER OF 75mm UNLESS OTHERWISE NOTED
 8. ALL MACHINE BOLTS TO BE 19mm DIAMETER (GALVANIZED), UNLESS OTHERWISE NOTED.
 9. ALL DRIFT BOLTS TO BE 19mm DIAMETER (GALVANIZED), AS NOTED ON DRAWINGS.
 10. ALL TIMBER TO BE TREATED TO CSA 080, LATEST EDITION, UNLESS OTHERWISE NOTED.
 11. GALVANIZING WILL CONFORM TO ASTM A123/A123M-09, LATEST EDITION.
 12. ALL LAG SCREWS TO BE GALVANIZED AND SIZED AS PER FOLLOWING LADDER UPRIGHTS - 19mm FENDERING - 15mm.
 13. SECURE HORIZONTAL FENDER TO CONCRETE DECK WITH NEW 16mm Ø GALVANIZED HIT-RE 500 EPOXY ADHESIVE ANCHORING SYSTEM WITH SUPER HAS RODS BY HILTI OR APPROVED EQUAL, WITH BOLT HEADS COUNTERSUNK IN FENDER AND MINIMUM CONCRETE EMBEDMENT OF 143mm. ADHESIVE ANCHOR TO BE INSTALLED AT 1500mm ON CENTRE WITH NO LESS THAN FOUR (4) ANCHORS PER FENDER PIECE.

3	ISSUED FOR TENDER	15/12/17
2	ISSUED FOR 99% REVIEW	15/12/04
1	ISSUED FOR 66% REVIEW	15/11/20
0	ISSUED FOR 33% REVIEW	15/10/09
revisions		date
project		project

MARGINAL WHARF
REFURBISHMENT
HAPPY ADVENTURE, NL

DETAILS

designed C. FISHER concu
date APRIL, 2015
drawn R. SNOW desine
date APRIL, 2015
approved approve
date
Tender Soumission
DFO Project Manager Administrateur de projets MPO
project number no. du projet
712617
drawing no. no. du dessin
C5 OF 6