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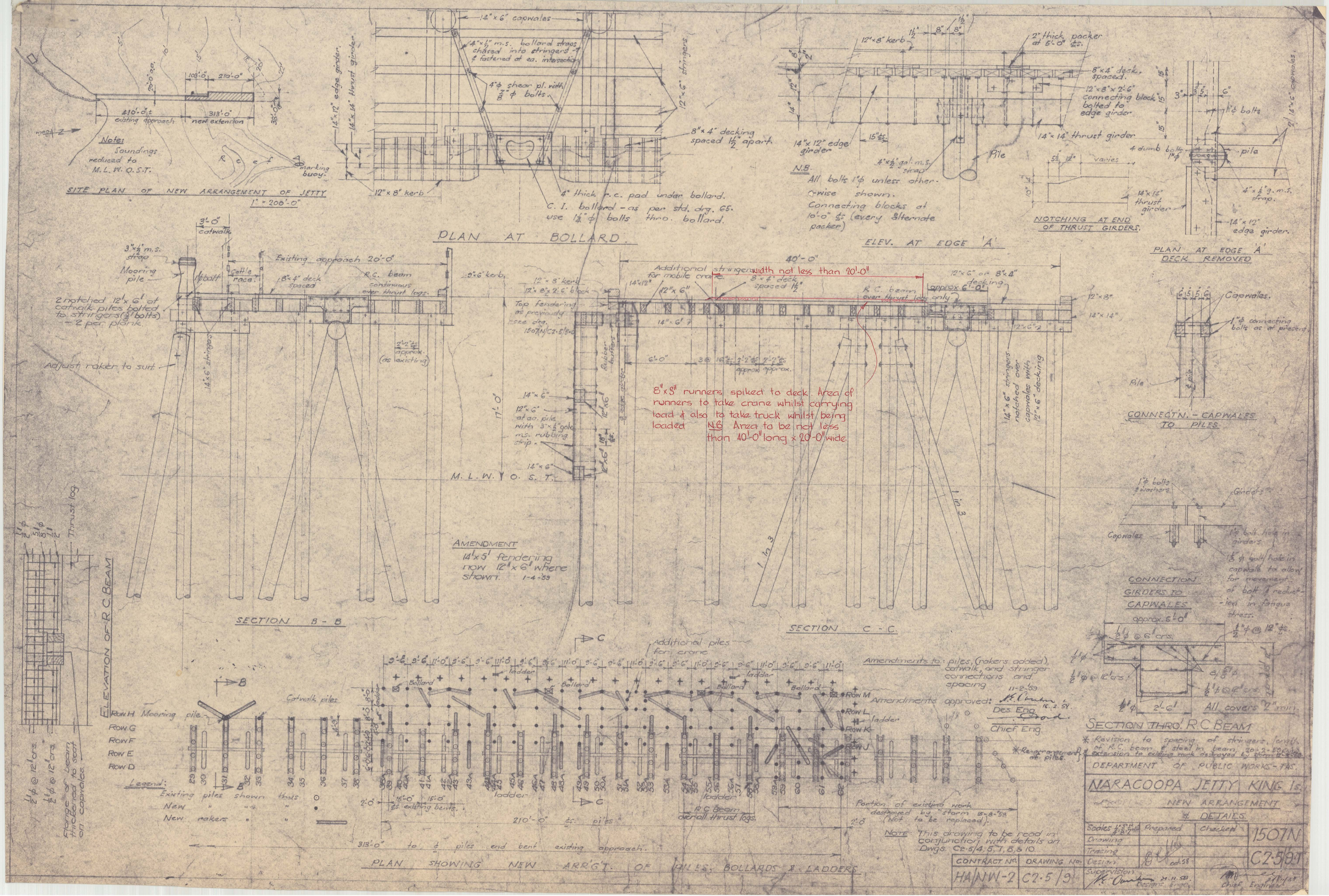
SITE PLAN OF NEW ARRANGEMENT OF JETTY
1" = 200'-0"
Note: Soundings reduced to M.L.W.O.S.T.
410'-0" ± existing approach
313'-0" new extension
103'-0"
210'-0"
marking buoy
PLAN AT BOLLARD
14" x 6" capwales
4" x ½" m.s. bollard straps chased into stringers & fastened at ea. intersection
4" ϕ shear pl. with ⅞" ϕ bolts
14" x 12" edge girder
14" x 14" thrust girder
12" x 6" stringers
8" x 4" decking spaced 1½" apart
12" x 8" kerb
4" thick r.c. pad under bollard.
C.I. bollard - as per std. drg. G5. use 1¼" ϕ bolts thro. bollard.
ELEV. AT EDGE 'A'
12" x 8" kerb
2" thick packer at 5'-0" ℄s.
8" x 4" deck, spaced.
12" x 8" x 2'-6" connecting block bolted to edge girder
14" x 14" thrust girder
14" x 12" edge girder
4" x ½" gal. m.s. strap
Pile
N.B. All bolts 1" ϕ unless otherwise shown. Connecting blocks at 10'-0" ℄s (every alternate packer)
NOTCHING AT END OF THRUST GIRDERS.
PLAN AT EDGE 'A' DECK REMOVED
1" ϕ bolts
4 dumb bolts 1" ϕ
4" x ½" g.m.s. strap.
14" x 12" edge girder.
CONNECTN. - CAPWALES TO PILES
Capwales.
1" ϕ connecting bolts as at present
Pile
SECTION B - B
3'-0" catwalk
3" x ½" m.s. strap
Mooring pile
1" ϕ bolt
Existing approach 20'-0"
Cattle race
8" x 4" deck spaced
R.C. beam continuous over thrust logs.
8" x 6" kerb
2 notched 12" x 6" at catwalk piles bolted to stringers (⅞" bolts) - 2 per plank.
Adjust raker to suit
14" x 6" stringers
2'-0" approx. (as existing)
12" x 8" kerb
12" x 8" x 2'-6" block
Top fendering as previously core drg. 1507N/C2-5/5-0
Rubber buffers
14" x 6"
12" x 6" at ∞. piles with 3" x ½" galv. m.s. rubbing strip
M.L.W.O.S.T.
17'-0"
AMENDMENT
14" x 5" fendering now 12" x 6" where shown. 1-4-59
SECTION C - C
40'-0"
Additional stringers width not less than 20'-0"
14" x 12"
12" x 6"
8" x 4" deck spaced 1½"
R.C. beam over thrust logs only
12" x 6" or 8" x 4" decking
approx 6'-0"
12" x 8"
14" x 14"
14" x 6" 7
12" x 6" 2
6'-0"
3 @ 16½" ℄s 2'-2" ℄s 2'-0" ℄s
approx. approx.
8" x 8" runners spiked to deck. Area of runners to take crane whilst carrying load & also to take truck whilst being loaded N.B. Area to be not less than 40'-0" long x 20'-0" wide
14" x 6" stringers notched over capwales with 12" x 6" decking
1 in 3
1 in 3
ELEVATION OF R.C. BEAM
Thrust log
Flange of beam thickened to seat on capwales.
CONNECTION GIRDERS TO CAPWALES
1" ϕ bolts & washers
Girders
Capwales
1" ϕ bolt hole in girders
1⅜" ϕ bolt hole in capwale to allow for movement of bolt & reduction in fatigue stress.
SECTION THRO' R.C. BEAM
approx. 6'-0"
½" ϕ @ 6" crs.
½" ϕ @ 12" ℄s
½" ϕ @ 12" crs.
⅝" ϕ
½" ϕ @ 12" crs.
2'-6"
All covers 2" min.
PLAN SHOWING NEW ARR'GT. OF PILES, BOLLARDS & LADDERS
Additional piles for crane
Catwalk piles
Mooring pile
Row H
Row G
Row F
Row E
Row D
Bollard
ladder
Row M
Row L
Row K
Row J
R.C. Beam over all thrust logs.
Portion of existing work destroyed by storm 15-8-58 (Not to be replaced).
Legend:
Existing piles shown thus
New " " "
New rakers " "
210'-0" ℄s piles
313'-0" to ℄ piles end bent existing approach.
Amendments to: piles, (rakers added), catwalk, and stringer connections and spacing 11-2-59
Amendments approved: Des. Eng. 16.2.59. Chief Eng.
* Rearrangement of piles.
NOTE This drawing to be read in conjunction with details on Dwgs. C2-5/4, 5, 7, 8 & 10.
* Revision to spacing of stringers, length of R.C. beam & steel in beam 20-2-59. Extension to existing work destroyed by storm 15-8-58.
DEPARTMENT OF PUBLIC WORKS - TAS.
NARACOOPA JETTY KING IS.
NEW ARRANGEMENT & DETAILS.
Scales 1/8" = 1'-0" & 1" = 1'-0"
Prepared
Checked
Drawing
Tracing
Design
Oct. 58
Supervision
21.11.58.
District Engr.
Chief Engineer
1507N
C2-5/9-1
CONTRACT No. HA/NW-2
DRAWING No. C2-5/9-1