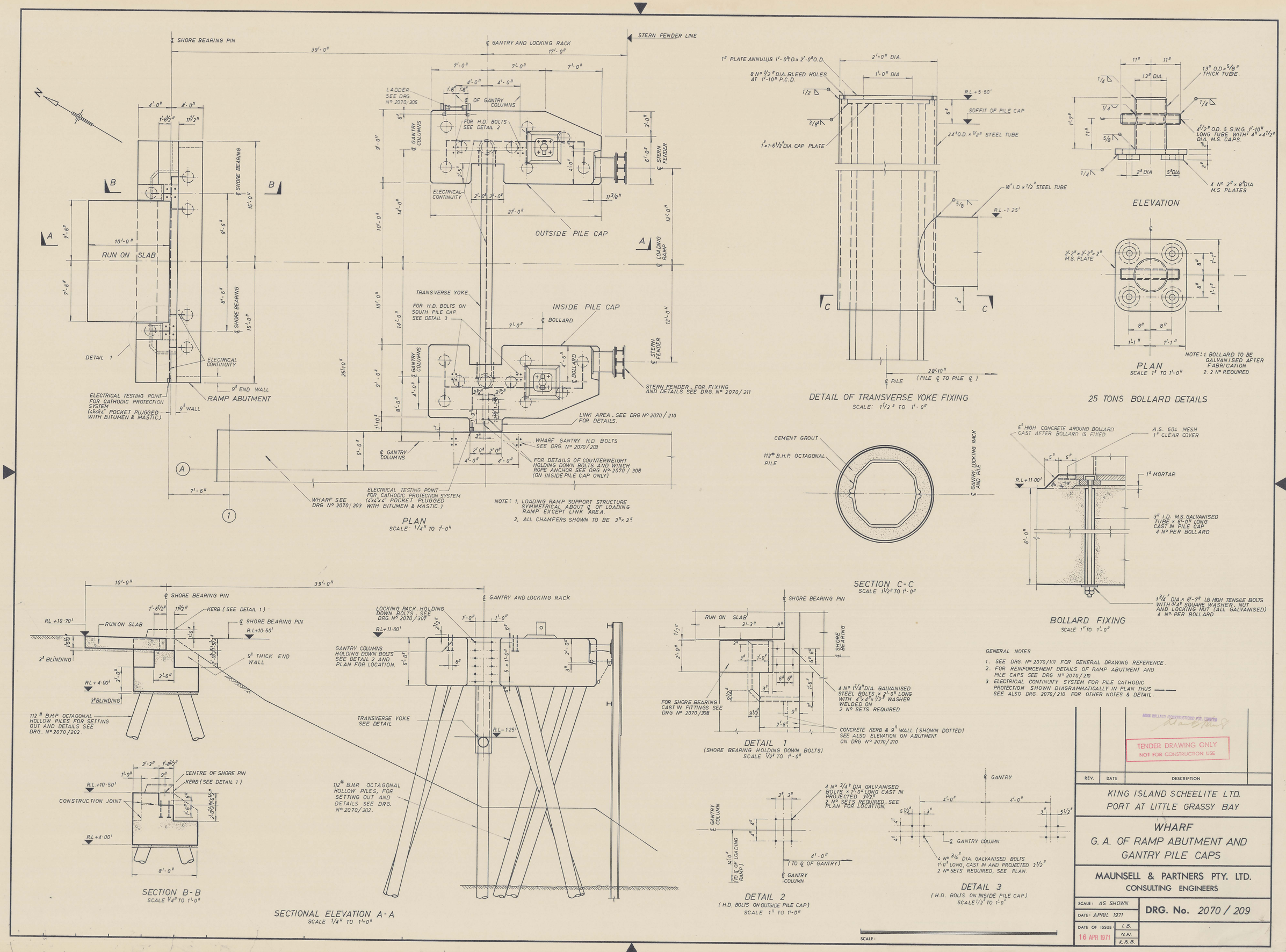
℄ SHORE BEARING PIN
39'-0"
℄ GANTRY AND LOCKING RACK
17'-0"
STERN FENDER LINE
RUN ON SLAB
10'-0"
℄ SHORE BEARING
15'-0"
DETAIL 1
ELECTRICAL CONTINUITY
9" END WALL
9" WALL
RAMP ABUTMENT
ELECTRICAL TESTING POINT FOR CATHODIC PROTECTION SYSTEM (4"x4" POCKET PLUGGED WITH BITUMEN & MASTIC.)
LADDER SEE DRG Nº 2070/305
℄ OF GANTRY COLUMNS
FOR H.D. BOLTS SEE DETAIL 2
℄ GANTRY COLUMNS
℄ STERN FENDER
OUTSIDE PILE CAP
℄ LOADING RAMP
TRANSVERSE YOKE
FOR H.D. BOLTS ON SOUTH PILE CAP SEE DETAIL 3
INSIDE PILE CAP
℄ BOLLARD
STERN FENDER, FOR FIXING AND DETAILS SEE DRG. Nº 2070/211
LINK AREA, SEE DRG Nº 2070/210 FOR DETAILS.
WHARF GANTRY H.D. BOLTS SEE DRG. Nº 2070/203
FOR DETAILS OF COUNTERWEIGHT HOLDING DOWN BOLTS AND WINCH ROPE ANCHOR SEE DRG Nº 2070/308 (ON INSIDE PILE CAP ONLY)
WHARF SEE DRG Nº 2070/203
NOTE: 1. LOADING RAMP SUPPORT STRUCTURE SYMMETRICAL ABOUT ℄ OF LOADING RAMP EXCEPT LINK AREA.
2. ALL CHAMFERS SHOWN TO BE 3"x3".
PLAN
SCALE: 1/4" TO 1'-0"
1" PLATE ANNULUS 1'-0" I.D. x 2'-0" O.D.
8 Nº 1/2" DIA. BLEED HOLES AT 1'-10" P.C.D.
2'-0" DIA
1'-0" DIA
R.L +5.50'
SOFFIT OF PILE CAP
24" O.D. x 1/2" STEEL TUBE
1"x1-6 1/2" DIA. CAP PLATE
18" I.D. x 1/2" STEEL TUBE
R.L -1.25'
28'-10" (PILE ℄ TO PILE ℄)
℄ PILE
DETAIL OF TRANSVERSE YOKE FIXING
SCALE: 1 1/2" TO 1'-0"
13" O.D. x 5/8" THICK TUBE.
4 1/2" O.D. 5 S.W.G. 1'-10" LONG TUBE WITH 4" x 4 1/2" DIA. M.S. CAPS.
4 Nº 2" x 8" DIA M.S PLATES
ELEVATION
2'-2" x 2'-2" x 2" M.S. PLATE
PLAN
SCALE 1" TO 1'-0"
NOTE: 1. BOLLARD TO BE GALVANISED AFTER FABRICATION
2. 2 Nº REQUIRED
25 TONS BOLLARD DETAILS
CEMENT GROUT
112" B.H.P. OCTAGONAL PILE
℄ GANTRY LOCKING RACK AND PILE
SECTION C-C
SCALE 1 1/2" TO 1'-0"
5" HIGH CONCRETE AROUND BOLLARD CAST AFTER BOLLARD IS FIXED
A.S. 604 MESH 1" CLEAR COVER
R.L +11.00'
1" MORTAR
3" I.D. M.S. GALVANISED TUBE x 6'-0" LONG CAST IN PILE CAP 4 Nº PER BOLLARD
1 3/4" DIA x 8'-7" LG HIGH TENSILE BOLTS WITH 3/4" SQUARE WASHER, NUT AND LOCKING NUT (ALL GALVANISED) 4 Nº PER BOLLARD
BOLLARD FIXING
SCALE 1" TO 1'-0"
GENERAL NOTES
1. SEE DRG. Nº 2070/101 FOR GENERAL DRAWING REFERENCE.
2. FOR REINFORCEMENT DETAILS OF RAMP ABUTMENT AND PILE CAPS SEE DRG Nº 2070/210
3. ELECTRICAL CONTINUITY SYSTEM FOR PILE CATHODIC PROTECTION SHOWN DIAGRAMMATICALLY IN PLAN THUS ——— SEE ALSO DRG. 2070/210 FOR OTHER NOTES & DETAIL.
℄ SHORE BEARING PIN
KERB (SEE DETAIL 1)
RL +10.70'
RUN ON SLAB
R.L +10.50'
3" BLINDING
9" THICK END WALL
RL +4.00'
112" B.H.P. OCTAGONAL HOLLOW PILES FOR SETTING OUT AND DETAILS SEE DRG. Nº 2070/202.
SECTION B-B
SCALE 1/4" TO 1'-0"
℄ GANTRY AND LOCKING RACK
LOCKING RACK HOLDING DOWN BOLTS SEE DRG. Nº 2070/307
GANTRY COLUMNS HOLDING DOWN BOLTS SEE DETAIL 2 AND PLAN FOR LOCATION.
TRANSVERSE YOKE SEE DETAIL
R.L -1.25'
112" B.H.P. OCTAGONAL HOLLOW PILES, FOR SETTING OUT AND DETAILS SEE DRG. Nº 2070/202.
SECTIONAL ELEVATION A-A
SCALE 1/4" TO 1'-0"
RUN ON SLAB
℄ SHORE BEARING
FOR SHORE BEARING CAST IN FITTINGS SEE DRG Nº 2070/308
4 Nº 1 1/4" DIA. GALVANISED STEEL BOLTS x 2'-0" LONG WITH 4" x 4" x 1/2" WASHER WELDED ON 2 Nº SETS REQUIRED
CONCRETE KERB & 9" WALL (SHOWN DOTTED) SEE ALSO ELEVATION ON ABUTMENT ON DRG Nº 2070/210
DETAIL 1
(SHORE BEARING HOLDING DOWN BOLTS)
SCALE 1/2" TO 1'-0"
4 Nº 3/4" DIA. GALVANISED BOLTS x 1'-0" LONG CAST IN PROJECTED 3 1/2" 2 Nº SETS REQUIRED. SEE PLAN FOR LOCATION.
℄ GANTRY COLUMN
4'-0" (TO ℄ OF GANTRY)
DETAIL 2
(H.D. BOLTS ON OUTSIDE PILE CAP)
SCALE 1" TO 1'-0"
℄ GANTRY
4 Nº 3/4" DIA. GALVANISED BOLTS 1'-0" LONG, CAST IN AND PROJECTED 3 1/2" 2 Nº SETS REQUIRED, SEE PLAN.
DETAIL 3
(H.D. BOLTS ON INSIDE PILE CAP)
SCALE 1/2" TO 1'-0"
SCALE:
TENDER DRAWING ONLY
NOT FOR CONSTRUCTION USE
REV. DATE DESCRIPTION
KING ISLAND SCHEELITE LTD.
PORT AT LITTLE GRASSY BAY
WHARF
G. A. OF RAMP ABUTMENT AND GANTRY PILE CAPS
MAUNSELL & PARTNERS PTY. LTD.
CONSULTING ENGINEERS
SCALE: AS SHOWN
DATE: APRIL 1971
DRG. No. 2070/209
DATE OF ISSUE 16 APR 1971
I.B.
N.N.
K.R.B.