

NOTE - FOOT PRINT MAY VARY DUE TO DIAMETER OF THE BOULDER

**NOTE - THIS IS A SUGGESTED NATURE'S INSTRUMENT LAYOUT. BOULDERS POSITIONS CAN BE ADJUSTED TO MEET DESIGN REQUIREMENTS. ANY CHANGES MUST COMPLY WITH WRITTEN DETAIL AND PROTECTIVE SAFETY ZONE **



TRIPLE BOULDER CLIMBER WITH SHIP-ROPES

PRODUCT NUMBER
NI-PG-904-03

LAYOUT PLAN

PAGE 1 OF 1	SCALE @ 8.5x11 1:80	DRAWN RC	CHECKED PR	PHONE NUMBER: 1-877-733-7456
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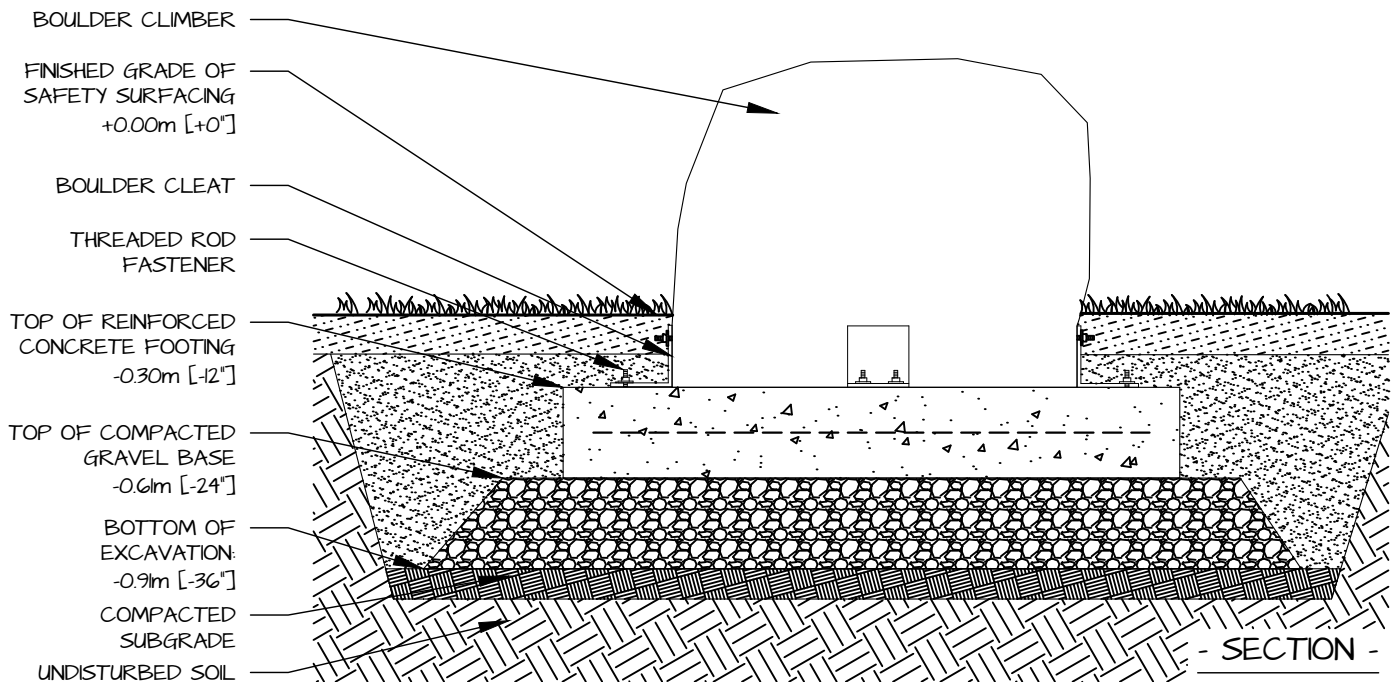
COMPONENTS

- NATURE'S INSTRUMENTS NI-PG-904-03 DOUBLE BOULDER CLIMBER INCLUDES:-
 - GRANITE BOULDER WITH FLAT BOTTOM & PRE-ATTACHED GALVANIZED BOULDER CLEATS: x3
 - 13mm [½"] Ø x 203mm [8"] GALVANIZED THREADED ROD WITH NUT & WASHER: x24
 - REDHEAD A7 ACRYLIC EPOXY
 - STEEL-CORE SHIP-ROPE WITH PRE-ATTACHED D-SHACKLES: x2
 - HEAT SHRINK

GRAVEL, CONCRETE, WIRE MESH REINFORCEMENT & PROTECTIVE SAFETY SURFACING ARE NOT SUPPLIED.

INSTALLATION

1. BOULDER SHAPES AND SIZES VARY; INSTALLED HEIGHT OF BOULDER TO BE NO TALLER THAN 1830mm [72"] ABOVE FINISHED GRADE.
2. BOULDER MUST BE PLACED AT LEAST 1830mm [72"] AWAY FROM ADJACENT OBJECTS AND MUST HAVE A PROTECTIVE SAFETY SURFACE SUITABLE FOR A 2438mm [96"] FALL HEIGHT, REFER TO CONSULTANT'S RECOMMENDATIONS.
3. SUBGRADE TO BE MECHANICALLY COMPACTED TO 95% S.P.D.D.
4. GRAVEL BASE TO BE 305mm [12"] DEPTH CRUSHED GRAVEL (OR 19mm [¾"] CLEAR GRAVEL) COMPACTED TO 95% S.P.D.D. AND MUST EXTEND AT LEAST 152mm [6"] BEYOND THE EDGE OF THE CONCRETE PAD.
5. CONCRETE PAD TO BE 305mm [12"] THICK AND MUST EXTEND AT LEAST 305mm [12"] BEYOND ALL SIDES OF THE BOULDER.
6. CONCRETE TO BE 32MPA WITH A MAXIMUM SLUMP OF 76mm [3"].
7. CONCRETE TO BE REINFORCED WITH 6"x6" WIRE MESH.
8. ALL STEEL REINFORCEMENT MUST HAVE AT LEAST 51mm [2"] CONCRETE COVERAGE.
9. PLACE BOULDER ON THE CENTRE OF THE CONCRETE PAD AND MOUNT TO PAD USING ATTACHED BOULDER CLEATS:
 - 9a. DRILL HOLES FOR 13mm [½"] Ø THREADED RODS.
 - 9b. CLEAN OUT HOLES AND FILL WITH EPOXY.
 - 9c. THREAD RODS INTO PLACE.
 - 9d. TIGHTEN NUT AND WASHER ONTO THREADED ROD. DO NOT FULLY TIGHTEN UNTIL 2 HOURS AFTER INSTALLING ACRYLIC EPOXY.



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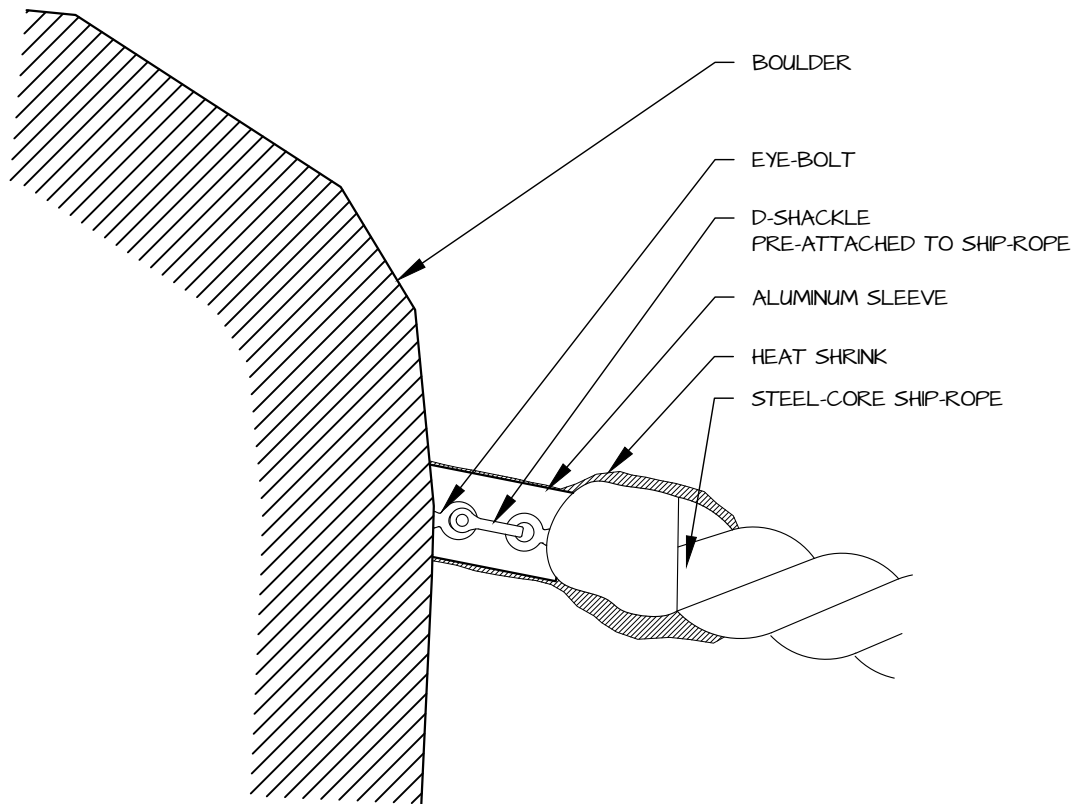
INSTALL DRAWING

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ROPE - BOULDER CONNECTION

ATTACHMENT NOTES

1. SLIDE HEAT SHRINK OVER SHIP-ROPE D-SHACKLES.
2. ATTACH D-SHACKLES TO BOULDER ATTACHMENT BOLTS AND TIGHTEN.
3. WITH A HEAT GUN, SLOWLY AND EVENLY HEAT THE HEAT SHRINK UNTIL IT TIGHTENS AROUND ALL ATTACHMENTS.



- ATTACHMENT DETAIL -



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