

COMPONENTS

NATURE'S INSTRUMENTS NI-PG-30X-01 CREATIVE PANEL PACKAGE INCLUDES THE FOLLOWING:

2 @ 89 x 89mm [4x4"] CEDAR POST	1 @ PRE-ASSEMBLED CEDAR BASE-'L'
1 @ PRE-ASSEMBLED CREATIVE PANEL CHALK MIRROR, ART. OR. ACRYLIC	1 @ 38 x 140mm [2x6"] CEDAR CAP
	36 @ 64mm [2 1/2"] BROWN DECK SCREWS

NOTES

- SECURE CREATIVE PANEL TO THE POST THROUGH PRE-DRILLED HOLES USING SUPPLIED SCREWS.
 - ENSURE POSTS ARE FLUSH WITH TOP OF THE PANEL.
- FASTEN BASE-'L' TO THE BOTTOM OF THE PANEL THROUGH PRE-DRILLED HOLES USING SUPPLIED SCREWS.
- FASTEN CAP TO THE TOP OF THE PANEL THROUGH PRE-DRILLED HOLES USING SUPPLIED SCREWS.
 - ENSURE THE CAP IS EVENLY CENTERED ON ALL SIDES.
 - IF THE INSTALLATION OF THE COMPONENT IS AGAINST A WALL OR FENCE OFFSET THE CAP TO BE FLUSH AGAINST THE BACK EDGE OF THE PANEL.
- FOOTING HOLES TO BE NO LESS THAN 203mm [8"] IN DIAMETER.
 - DEPTH OF CONCRETE FOOTING MUST BE NO LESS THAN 914mm [36"], 1220mm [48"] IS RECOMMENDED.
 - BOTTOM OF HOLE TO BE FILLED WITH MIN. 152mm [6"] CLEAR DRAINING GRAVEL.
 - ENSURE THE DEPTH OF FOOTING CONFORM TO LOCAL CODE FROST LINE.
 - SONOTUBES CAN BE USED IF MATERIAL BELOW GRADE IS LOOSE.
 - PLACE THE ASSEMBLED CREATIVE PANEL INTO THE FOOTING HOLES, ENSURE THE BOTTOM OF THE BASE-'L' IS FLUSH WITH THE FINISHED GRADE.
 - ENSURE PANEL IS LEVEL AND PLUMB PRIOR TO CONCRETE.
 - FILL FOOTING HOLES WITH POST-MIX CONCRETE.
 - FOLLOW MANUFACTURER'S SPECIFICATION WHEN MIXING AND CURING CONCRETE.
 - TOP OF CONCRETE TO BE 102mm [4"] BELOW FINISHED GRADE.
 - RESTORE ADJACENT SURFACING TO PRE-CONSTRUCTION CONDITIONS UNLESS OTHERWISE SPECIFIED.
 - ENSURE RESTORED SURFACE IS LEVEL WITH THE PANEL.

FINISHED GRADE 0.00m [+0]

TOP OF FOOTING -0.10m [-4"]

POST

89 [3 1/2] x 89 [3 1/2] x 1220 [48"]

FOOTING SECTION

ISO VIEW

REVIEW	PAGE
YYYY-MM-DD	OF
XXXX-XX-XX	1
XX	OF
XX	2
XX	2

HANDCRAFTED, NATURE'S INSTRUMENTS, INSTALL, CREATIVE PANELS - POST MOUNTED, PRODUCT NUMBER: NI-PG-30X-01, SCALE (METRIC): 1:25, 10 IS PRINTED ON STANDARD LETTER PAPER, *FOR YOUR PROTECTION*, COPYRIGHT © 2023 NATURE'S INSTRUMENTS. DO NOT USE FOR COMMERCIAL USE OR REPRINT WITHOUT EXPRESSED WRITTEN PERMISSION FROM NATURE'S INSTRUMENTS.

FRONT ELEVATION

EXAMPLE PLAN OF PANEL IN FRONT OF FENCE

REVIEW	PAGE
YYYY-MM-DD	OF
XXXX-XX-XX	2
XX	OF
XX	2
XX	2

HANDCRAFTED, NATURE'S INSTRUMENTS, INSTALL, CREATIVE PANELS - POST MOUNTED, PRODUCT NUMBER: NI-PG-30X-01, SCALE (METRIC): 1:25, 10 IS PRINTED ON STANDARD LETTER PAPER, *FOR YOUR PROTECTION*, COPYRIGHT © 2023 NATURE'S INSTRUMENTS. DO NOT USE FOR COMMERCIAL USE OR REPRINT WITHOUT EXPRESSED WRITTEN PERMISSION FROM NATURE'S INSTRUMENTS.

COMPONENTS

NATURE'S INSTRUMENTS NI-PG-403-03 HANGING AMADINDA FRAME - POST MOUNTED PACKAGE INCLUDES:

1 @ HANGING AMADINDA (SPRUCE OR CEDAR) PRE-MOUNTED IN FRAME
1 @ AMADINDA FRAME

NOTE: AMADINDA MUST BE ORDERED SEPARATELY. SEE NATURE'S INSTRUMENTS NI-PG-403-02 CEDAR HANGING AMADINDA.

REQUIRED MATERIALS NOT INCLUDED:

- ALL BASE MATERIALS
- ALL FOOTING MATERIALS

NOTES

- INTENDED USE: AMADINDA IS TO BE USED WITH FEET PLANTED FIRMLY ON THE GROUND.
- HANGING AMADINDA MAY BE SPRUCE OR CEDAR.
- PLACE AMADINDA AS PER LAYOUT PLAN, OR CLIENT REQUEST.
- FRAME TO REST ON FINISHED GRADE WITH POST SUSPENDED IN FOOTING.
 - FOOTING HOLES TO EXTEND BELOW THE FROST LINE FOR YOUR REGION.
 - PLACE THE POSTS INTO PRE-DUG HOLES.
 - ENSURE BOTTOM OF BASE-'T' IS FLUSH WITH FINISHED GRADE OF SURROUNDING SURFACES.
 - LEVEL THE PANEL LEFT TO RIGHT.
 - FILL HOLES WITH POST-MIX CONCRETE AS PER CONCRETE MANUFACTURER'S INSTRUCTIONS.
 - FOOTING TO BE NON-VISIBLE. TOP OF CONCRETE TO REMAIN AT LEAST 102mm [4"] BELOW FINISHED SURFACE.
 - FINISHED ADJACENT SURFACE MUST BE LEVEL.
 - FRAME MUST BE PLUMB FRONT TO BACK AND LEFT TO RIGHT.
 - AMADINDA MAY BE PLAYED FROM BOTH THE FRONT AND THE BACK.
 - BOTTOM OF FRAME TO BE EVEN WITH FINISHED SURFACE.
 - RESTORE ADJACENT SURFACING TO PRE-CONSTRUCTION CONDITION UNLESS OTHERWISE SPECIFIED.

ISO VIEW

REVIEW	PAGE
YYYY-MM-DD	OF
XXXX-XX-XX	1
XX	OF
XX	2
XX	2

HANDCRAFTED, NATURE'S INSTRUMENTS, INSTALL, HANGING AMADINDA FRAME [POST MOUNTED], PRODUCT NUMBER: NI-PG-403-03, SCALE (METRIC): 1:25, 10 IS PRINTED ON STANDARD LETTER PAPER, *FOR YOUR PROTECTION*, COPYRIGHT © 2023 NATURE'S INSTRUMENTS. DO NOT USE FOR COMMERCIAL USE OR REPRINT WITHOUT EXPRESSED WRITTEN PERMISSION FROM NATURE'S INSTRUMENTS.

SIDE SECTION

FRONT ELEVATION

REVIEW	PAGE
YYYY-MM-DD	OF
XXXX-XX-XX	2
XX	OF
XX	2
XX	2

HANDCRAFTED, NATURE'S INSTRUMENTS, INSTALL, HANGING AMADINDA FRAME [POST MOUNTED], PRODUCT NUMBER: NI-PG-403-03, SCALE (METRIC): 1:25, 10 IS PRINTED ON STANDARD LETTER PAPER, *FOR YOUR PROTECTION*, COPYRIGHT © 2023 NATURE'S INSTRUMENTS. DO NOT USE FOR COMMERCIAL USE OR REPRINT WITHOUT EXPRESSED WRITTEN PERMISSION FROM NATURE'S INSTRUMENTS.

1 WALL ART
LP-5 N.T.S.

2 HANGING AMADINDA
LP-5 N.T.S.

CONCRETE SURFACE - PEDESTRIAN

CONTRACTOR TO PROVIDE SPECIFIC DETAILED SHOP DRAWINGS CERTIFIED BY A PROFESSIONAL ENGINEER INDICATING DIMENSIONS, SIZES, FINISHES AND STORM WATER REQUIREMENTS FOR REVIEW BY THE ARCHITECT, LANDSCAPE ARCHITECT, CIVIL ENGINEER AND CLIENT PRIOR TO FABRICATION AND INSTALLATION. CONTRACTOR TO INCLUDE COST OF SHOP DRAWINGS, MATERIALS, FABRICATION AND INSTALLATION AS PART OF BID.

CONCRETE ADJACENT TO ALL FORMWORK SHALL BE FINISHED WITH A TOOL THAT PRODUCES A 5 MM ROUNDED EDGE AND A SMOOTH, HORIZONTAL SURFACE WITH A MAXIMUM WIDTH OF 50 MM. ALL TOOLING SHALL BE UNIFORM AND STRAIGHT AND SHALL BE DEPRESSED NO MORE THAN 1 MM BELOW THE ADJACENT SURFACE. ANY RIDGES ALONG THE TOOLED MARKS SHALL BE REMOVED.

SLOPE AS DESCRIBED ON GRADING PLAN. MINIMUM 1% AND MAXIMUM 4% LONGITUDINAL OR 2% CROSS SLOPE

125 MM DEPTH CAST IN PLACE CONCRETE

- 32 MPa MINIMUM COMPRESSIVE STRENGTH @ 28 DAYS
- CLASS C-2 EXPOSURE
- MAXIMUM NOMINAL SIZE OF COARSE AGGREGATE 19MM
- 5% AIR ENTRAINMENT
- MAXIMUM WATER TO CEMENTING MATERIALS RATIO 0.45
- BROOM FINISH PATTERN PERPENDICULAR TO CIRCULATION FLOW
- COLOUR: NATURAL GREY

150 X 150, #10 GAUGE WELDED STEEL WIRE FABRIC TO CSA-G30.5

200mm DEPTH GRANULAR BASE COMPACTED TO 98% SPMDD

- GRANULAR 'A' TO OPSS MUNI 1010

SUBGRADE UNIFORMLY COMPACTED TO 98% SPMDD

- PROOFROLL IN THE PRESENCE OF A GEOTECHNICAL ENGINEER FOR EXAMINATION/APPROVAL PRIOR TO CONSTRUCTING SUBBASE
- UNSATURABLE SUBGRADE (SPONGY, SOFT, ORGANIC MATERIALS) AREAS SHALL BE SUB-EXCAVATED AND REPLACED IN LIFTS NO GREATER THAN 200MM IN DEPTH WITH MATERIAL APPROVED BY THE GEOTECHNICAL ENGINEER AT THE MOISTURE CONTENT WHICH WILL PERMIT COMPACTION TO 98% SPMDD

3MM WIDE x 1/2 DEPTH THICKNESS OF CONCRETE SLAB SAWCUT CONTRACTION JOINT

PRE-MOULDED JOINT BITUMOUS IMPREGNATED FIBREBOARD TO ASTM D 1751 TO FULL DEPTH OF SLAB

CONTRACTION JOINT @ MAX. 2000mm ON-CENTRE UNLESS OTHERWISE DESCRIBED ON LAYOUT

EXPANSION JOINT @ MAX. 6000mm ON-CENTRE. ISOLATE POLES, VALVES AND OTHER UTILITIES OR WHERE CONCRETE SURFACE ABUTS OTHER CONCRETE STRUCTURE/SURFACE TO UNLESS OTHERWISE DESCRIBED ON LAYOUT

REVIEW	PAGE
YYYY-MM-DD	OF
XXXX-XX-XX	1
XX	OF
XX	2
XX	2

HANDCRAFTED, NATURE'S INSTRUMENTS, INSTALL, CONCRETE SURFACE - PEDESTRIAN, PRODUCT NUMBER: NI-PG-30X-01, SCALE (METRIC): 1:25, 10 IS PRINTED ON STANDARD LETTER PAPER, *FOR YOUR PROTECTION*, COPYRIGHT © 2023 NATURE'S INSTRUMENTS. DO NOT USE FOR COMMERCIAL USE OR REPRINT WITHOUT EXPRESSED WRITTEN PERMISSION FROM NATURE'S INSTRUMENTS.

CONCEPT DRAWING FOR INFORMATION TO CONVEY DESIGN INTENT ONLY

CONTRACTOR TO PROVIDE SPECIFIC DETAILED SHOP DRAWINGS CERTIFIED BY A PROFESSIONAL ENGINEER INDICATING DIMENSIONS, SIZES, FINISHES AND STORM WATER REQUIREMENTS FOR REVIEW BY THE ARCHITECT, LANDSCAPE ARCHITECT, CIVIL ENGINEER AND CLIENT PRIOR TO FABRICATION AND INSTALLATION. CONTRACTOR TO INCLUDE COST OF SHOP DRAWINGS, MATERIALS, FABRICATION AND INSTALLATION AS PART OF BID.

40mm DEPTH PUREPAVE PERMEABLE SURFACE MATERIAL (BONDED AGGREGATE SURFACING), COLOUR: GREY DOLOMITE GRANITE

FLUSH TRANSITION BETWEEN PUREPAVE ADJACENT CONCRETE. CHANGES IN ELEVATION BETWEEN SURFACES GREATER THAN 6MM WILL NOT BE PERMITTED.

SNAP EDGE EDGE RESTRAINT SYSTEM INSTALLED PER MANUFACTURER'S SPECIFICATIONS AT EDGES OF PUREPAVE ADJACENT TO SOFT LANDSCAPE SURFACE

150mm X 150mm COMPACTED GRANULAR A AT INTERFACE WITH SOFT LANDSCAPE SURFACE

300mm DEPTH TYPE 2 19mm ANGULAR CLEAR STONE TO A DENSE STATE PER OPSS

RX 1200 BIAXIAL (PP) GEOGRID WRAPPED ON ALL SIDES

COMPACTED SUBGRADE

REVIEW	PAGE
YYYY-MM-DD	OF
XXXX-XX-XX	1
XX	OF
XX	2
XX	2

HANDCRAFTED, NATURE'S INSTRUMENTS, INSTALL, PURE PAVE SURFACING DETAIL, PRODUCT NUMBER: NI-PG-30X-01, SCALE (METRIC): 1:25, 10 IS PRINTED ON STANDARD LETTER PAPER, *FOR YOUR PROTECTION*, COPYRIGHT © 2023 NATURE'S INSTRUMENTS. DO NOT USE FOR COMMERCIAL USE OR REPRINT WITHOUT EXPRESSED WRITTEN PERMISSION FROM NATURE'S INSTRUMENTS.

3 CONCRETE SURFACE - PEDESTRIAN
LP-5 N.T.S.

4 PURE PAVE SURFACING DETAIL
LP-5 N.T.S.

No.	Description	By	Date
4	LANDSCAPE ADDENDUM	MGN	02 OCT-24
3	ISSUED FOR PERMIT/TENDER	MGN	03 SEP-24
2	ISSUED FOR 90% DESIGN REVIEW	MGN	25 JUL-24
1	ISSUED FOR 60% DESIGN REVIEW	MGN	11 JUN-24

REVISIONS: All previous issues of this drawing are superseded

ABOUT & ASSOCIATES INC.
Consulting Arborists • Ecologists • Landscape Architects

3-6 Edinburg Road South, Guelph, Ontario, N1H 5N8 • 519.822.6839 • about@ai.com

LANDSCAPE DETAILS

Project:
TSSS FAMILY RESIDENCE RENOVATIONS
4222 KINGSTON ROAD, TORONTO WORKSHOP

Date: MARCH 2024 Designer: NB
Project: AA24-035A Drawn: NB
Scale: NA Checked: MGN

Drawing No: **LP-5**

NOT FOR CONSTRUCTION