



TRANSNET NATIONAL PORTS AUTHORITY

PORT OF DURBAN

Construction of a New Ablution Block at North Groyne Promenade

C3 WORKS INFORMATION: BUILDING

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**SUMMARY VERSION CONTROL**

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Note: Only latest amendments and/or additions are reflected in italics in the body of the document.



PART C3: SCOPE OF WORK

BUILDING

The building work is for the construction of a new Ablution Block at the North Groyne Promenade in the Port of Durban and associated works for the North Groyne Promenade in the Port of Durban. All building work shall comply with SANS 10400.

- 4.2.1 The Model Preamble for Trades as published by the Association of South African Quantity Surveyors Model Preamble for Trades 2017 shall be applicable to all the building Works associated with this contract. The following interpretations and meanings shall apply:
- 4.2.2 In case of any conflict in interpretation, ambiguity or discrepancy between any Model Preamble for Trades 2017 (whether standard or written as a particular project specification) contained in the *Works Information* and the *conditions of contract*, the *conditions of contract* shall take precedence within the ECC3 Contract.
- 4.2.3 In case of any conflict in interpretation, ambiguity or discrepancy between any Model Preamble for Trades 2017 (whether standard or written as a particular project specification) contained in this paragraph 8.2 of C3.1 *Employer's Works Information* and specific statements contained elsewhere in C3.1 *Employer's Works Information*, the specific statements contained elsewhere shall prevail, without prejudice to the *Project Manager's* express duty to resolve any ambiguity or inconsistency in the *Works Information* under ECC3 Clause 17.1.
- 4.2.4 Within the Model Preambles for Trades 2017, the following amendments and interpretations shall apply:
 Where the word or expression "Principal Agent" is used, read "*Project Manager*" or "*Supervisor*" as the context requires.
 Where the word or expression "*Contractor*" is used, read "*Contractor*".
 Where the word or expression "Engineer" is used, read "*Project Manager*" or "*Supervisor*" as the context requires.
 Where the Model Preambles for Trades 2017 mention "rates" for measured work and any contractual statements relating to payment, all such statements shall be discounted, with the ECC3 *conditions of contract* taking precedence.
- 4.2.5 Within the Model Preambles for Trades 2017, A. GENERAL, the following amendments and interpretations shall apply:
 Where the word or expression "bills of quantities" is used, this shall be discounted for the purposes of the *Works Information*. The ECC3 Contract Data Part One states the main option to apply within the ECC3 Contract between the Parties.



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- 4.2.6 Within the Model Preambles for Trades 2017, B. DEMOLITIONS and C. ALTERATIONS, B.2 MATERIALS FROM THE ALTERATIONS, CREDIT, ETC and C. EARTHWORKS, B1. Materials from demolitions shall not apply. C3.1 *Employer's Works Information* paragraph 3.1.6 states details of the *Contractor's* title (if any) to Materials arising from excavations and/or demolitions and how such Materials are either to be disposed of or re-used in the *works*.
- 4.2.7 Within the Model Preamble for Trades 2017 R. PLUMBING AND DRAINAGE, Q.24 TESTS shall be deemed to be included within paragraph 3.2.1 of C3.1 *Employer's Works Information*.
- 4.2.8 Within the Model Preamble for Trades 2017 X. EXTERNAL WORKS, U.3.8 Process control tests shall be deemed to be included within paragraph 3.2.1 of C3.1 *Employer's Works Information*.
- 4.2.9 The principles, meanings and interpretation stated and established within paragraphs 8.2.1 to 8.2.8 with respect to the Model Preambles for Trades 2008 equally apply to the other Model Preambles for Trades 2008 references used within this paragraph 8.2 of C3.1 *Employer's Works Information*.
- 4.2.10 Particular specifications provided by the Employer
- Manufacturer's instructions and specifications
All materials and products shall be used and installed in strict accordance with the manufacturer's instructions and specifications.
In circumstances where the manufacturer offers any form of guarantee the contractor is to ensure the products are installed in such a manner as to cover the installation specifications of the guarantee.
Where trade names are specified in the construction Works equal or approved products may be considered by the project team. The appropriate product manuals or data sheets shall be submitted for approval to the Project Manager.
 - Use of locally manufactured materials and products
Materials and products manufactured in South Africa shall be used in carrying out the work to which this specification refers, unless an imported product is prescribed specifically, or when no suitable locally manufactured product for the specific use is available.
In circumstances where the manufacturer offers any form site supervision or routine quality audit for the installation and use of products to ensure the guarantee of their product the Contractor is to ensure these products are used in preference to any other manufacturer in lieu of the guarantee.
 - Samples
Prior to procurement, manufacture and/ or installation, the *Contractor* shall furnish without delay, such samples, data sheets and/ or certificates as called for or may be called for by the *Supervisor / Project manager*.



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Materials and/or workmanship not corresponding with approved samples may be rejected. Samples and data sheets for approval shall be required for, but not limited to, paint colours -light grey, face bricks, breeze blocks, timber slats, wall cladding, wall tiles/ skirting finish, ceiling boards, taps and polyurethane floor finish. These approved samples shall remain on site for the duration of the Works.

The samples are to be labeled or marked with the following minimum information thereon. Project name and number, supplier's name and contact details, Product information, including but not limited to, size, grade, thickness, finish, guarantee, colour codes, material, finish, fixing, etc, and any other information to assist in the approval process.

- Protection of Works

The Contractor shall provide all necessary dust sheets, hoarding, signage, etc.

The Contractor shall always keep all parts of the Works perfectly clean and free from spotting, accumulation of rubbish, and debris or dirt arising from the operations. Any surface disfigured or otherwise damaged shall be completely renovated or replaced as necessary by the Contractor at his own expense to the Supervisor's approval. The premises shall be left clean and fit for occupation at completion of the work. The Contractor shall protect all existing grassed areas, paved surfaces, concrete terracing, seating structures and associated infrastructure adjacent to the Works. Materials, spoil, waste, fuels, oils, chemicals and concrete washings shall be contained within the designated construction area and shall not be permitted to pollute or damage surrounding areas. The Contractor shall be responsible for the cost of repairing, replacing or reinstating any areas damaged through construction activities, vehicle movements, plant operation or material storage. Construction boundaries shall be clearly identified and maintained throughout the duration of the Works.

- Demolition

Any paving, glassed area, and surfaces damaged shall be made good by the Contractor.

All rubble and other debris shall be removed off site and dumped in a legal dump site.

- Waterproofing of Roof & Walls

The Contractor shall furnish the Employer with a written guarantee covering materials and workmanship for waterproofing specified or offered for new work. This guarantee shall be signed by the Contractor and countersigned by the supplier of the materials used and underwritten by a recognised insurance company. The guarantee shall be valid for a 10-year period.

Should any maintenance be required during the guarantee period, the Contractor shall allow for the cost of such in his tender price as the Contractor shall be held solely responsible for any leaks that occur during the guarantee period.



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- **Roof Structure**

Roof to comply with Part L of SANS 10400:

The Contractor shall provide Engineer's certificate confirming the design, structural stability and installation of the roof structure on completion of the roof structure. Shop drawings shall be required for Engineers approval for steel roof structures.

Contractor shall provide certificate of structural stability for the design.

Adequate holding down brackets are to be installed as per the manufacturer's data sheets or instruction and to be designed for extreme wind conditions.

Roof structure including beams, rafters, purlins, columns and posts to engineer's details.

Roof Sheeting:

Roof pitch 5° 0.8mm mill finish aluminium (grade 5754 Marine-grade alloy) klip-lok 700 concealed fix profile with a natural untreated mill finish, capable of withstanding a minimum 1.8 KPA upliftment load, compliant with sans 10400-L, and manufactured with a minimum 15-year structural material guarantee against perforation. All surfaces shall be prepared and degreased strictly in accordance with the sheet manufacturer's instructions and coating manufacturer's technical data sheets to remove mill oils, followed by light non-metallic mechanical abrasion to provide a uniform key. Profile sheets shall be site-painted with an approved protective system coating according to iso 12944 c5 corrosivity category, comprising a two-component polyamine-cured high-solids (80% volume solids) surface-tolerant epoxy mastic primer (100–300 microns dft) pre-qualified to norsok m-501 and carrying a 10-year manufacturer performance guarantee, followed by a two-component high-solids (63% volume solids) aliphatic acrylic polyurethane topcoat engineered for high-corrosivity atmospheric exposures with very good colour and gloss retention backed by a 10-year manufacturer finish guarantee. Prior to fixing flashings, all troughs at the apex shall be stop-ended to the full depth of the sheet to prevent wind-driven water penetration, and troughs shall be lipped at the eaves end to form a drip. Standard base grey, final specific shade to be selected prior to application. all profile sheets, concealed fixing clips, fasteners, and fixings shall be supplied, specified, and installed entirely as per manufacturer's specifications and instructions by an approved applicator and contractor to qualify for a project-specific 10-year back-to-back system warranty.

- **Flashing**

All sheeting and flashing to be in strict accordance to manufacturers specification and is to conform with the standards and guidelines as stipulated in the roof flashings, trims, ridge capping, counter flashings, and eaves closures shall be formed from 0.8mm mill finish aluminium (grade 5754 Marine-grade alloy) to match the roof profile colour, material specification, manufactured with a minimum 15-year structural material guarantee against perforation. Flashings shall be fixed to sheeting using S10 brackets or sliding brackets at the apex where roof sheets are 30m or longer to obviate direct fixing perforations and



accommodate thermal movement. Transverse flashing flanges shall be notched to sheet profiles where necessary. All surfaces shall be degreased and prepared strictly in accordance with sheet and coating manufacturer instructions to remove mill oils, followed by light non-metallic mechanical abrasion prior to painting. Flashings shall be site-painted with an approved protective system coating according to ISO 12944 C5, comprising a two-component polyamine-cured high-solids (80% volume solids) surface-tolerant epoxy mastic primer (100–300 microns DFT) pre-qualified to Norsok M-501 and a two-component high-solids (63% volume solids) aliphatic acrylic polyurethane topcoat backed by a 10 year manufacturer finish guarantee. Standard base grey, final specific shade to be selected prior to application. All flashing fixings, sealants, isolation strips, closure blocks, and fasteners shall be specified, supplied, and installed entirely as per manufacturer's specifications by an approved applicator and contractor to qualify for a 10-year back-to-back system warranty.

- **Rainwater Goods**
90mmØ 0.8mm aluminium gutters and 75mm x 75mm aluminium rainwater downpipes (RWDP) formed from grade 5754 Marine-grade alloy with a natural untreated mill finish to match the roofing specification. All surfaces shall be prepared, degreased, and site-painted with an approved two-pack protective coating system complying with ISO 12944 C5 very high corrosivity category (comprising epoxy mastic primer and aliphatic polyurethane topcoat) matching the roof finish performance and backed by a minimum 10-year manufacturer performance guarantee. Standard base grey, final specific shade to be selected prior to application. Profile to be selected. to be installed entirely as per manufacturer's instructions with all necessary brackets, isolation washers, fixtures, and fittings by an approved manufacturer, supplier, and contractor with a 10-year back-to-back system guarantee.
- **Isolation/ Roof Insulation**
 - Minimum 4mm 983 double sided bubble insulation is required.
 - Reflective foil face is required.
 - Fixing galvanized straining wires and double-sided tape on all overlaps.
 - Insulation to have R value = to 1.58
 - Classification B/B1/2.
- **Ceilings**
Fix 1 layer of 6mm fibre cement board to steel bracing installed at maximum 300mm centres. Fix fibre cement board using 8 x 32mm wing tek-screws at maximum 150mm centres. All joints shall be staggered. Install h-strips and spot the screw heads using acrylic silicone. By approved manufacturer and/or supplier.

New ceilings shall be either ceiling tiles or skimmed plaster board.

All ceilings shall be installed in accordance with the current code of practice for ceiling installation adopted by the South African Building Interior System Association (SABISA). Installation of new ceiling should take place at a later stage in the building, when the building is clean and there is less likelihood of damage from other trades and exposure to the elements.

The entire system grid, tees and suspension system and ceiling tile to conform to:

- Fire Classification: Class B/B1/2
- Sound Attenuation: 32dB
- Thermal Conductivity: 0.25 (m².k)/W
- Humidity: 99%
- Light Reflection: 85%

- Brickwork and Mortar Joints

- I. National Home Builders Registration Council
Standards and Guidelines
www.nhbrc.org
- II. Cement & Concrete Institute
Publications on concrete, mortar, plaster and construction
detailing.
www.cnci.org.za
- III. Clay Brick Association
Building contractors pocket handbook
www.claybrick.org

- Facebrick

Facebrick shall be Silver-Grey Satin finish FBX -grade clay face bricks complying with SANS 227:2007, with Exposure Zone Suitability Rating 4, bag and bitumen paint external face of internal skin, provide GMS brickforce every 3 courses and above pc lintels.

Bricks shall be suitable for severe coastal exposure and marine environments, including areas subject to salt laden air. Typical compressive strength shall exceed 30 MPa and efflorescence rating shall be Nil.

Facebrick shall be selected and blended. Prior to bricklaying, proper setting out of brickwork shall be undertaken by the Contractor's bricklayer for variances in brick dimensions.

Facebrick shall be kept clean and protected as the brickwork and construction progresses.

For any detail information required on stained or dirty facebrick, Manufacturer's Office shall be contacted for method of cleaning.



The Contractor shall construct a facebrick sample wall of 10 courses high and 8 courses wide to gain the approval for the quality of the face hands workmanship.

A similar wall is to be constructed and plastered to gain the approval for the quality of the plastering and workmanship. The wall shall remain constructed on site from the commencement of the project to the completion of the project.

Mortar joints to face brickwork generally shall be 10mm in thickness with level bedding joints, vertical perpend. Setting out of brick gauge shall be determined on site as average sizes of bricks may vary.

Half round joint profile shall be well rubbed with a standard jointing tool of suitable size to ensure that the entire exposed surface on the joint presents a smooth and polished appearance.

The use of DPC shall be provided and installed as per SANS 10021, to provide barrier against rising damp, water penetration from above and horizontal water penetration

SABS 248-1973: Bituminous damp proof course.

SABS 298-1975: Mastic asphalt for damp proofing courses and tanking are further references to adhere to.

Wall ties are to comply with SABS 28-1986: Metal ties for cavity walls.

Facebrick to be a brick with a black brick satin FBX finish and have a zone classification of 2, for harsh coastal climate.

Facebrick coursing to be 230 wide and 85 high.

External skin of all internal walls to be bitumen painted.

Brickwork to be reinforced in solid cement mortar joints with brickforce as per engineer's detail.

GMS butterfly wire wall ties at 450mm maximum vertical centers and 600mm horizontal centers for cavity walls.

On-site sample panel:

Construct a 1000 mm x 1000 mm facebrick sample panel (mock-up) on site incorporating the approved facebrick, specified mortar mix, jointing, and pointing profile for architectural inspection and written approval prior to the commencement of full-scale brickwork.

- **Stone Cladding**

Cloud grey natural stone cladding 180 x 350mm, installed as per manufacturers specifications with, bonding agent – bonding liquid + basecoat (kit), adhesive – cladding adhesive, cladding tiles, grout – water repellent grout & joints polyurethane sealant and backing cord. Prepare & lay tiles according to manufacturers instructions, to a maximum



height of 2100mm. Tile and grout colour to be selected. Samples to be provided prior to construction. By approved manufacturer and/or supplier.

- On-site sample panel

Construct a 1000 mm x 1000 mm natural stone cladding sample panel (mock-up) on site using the approved cloud grey 180 mm x 350 mm tiles, complete with the specified bonding agent, adhesive system, water repellent grout, and polyurethane jointing, for approval prior to full-scale installation/construction. All work is to conform with the standards and guidelines as stipulated in the manufacturer

- Breeze blocks

222 x 73 x 106 mm clay breeze blocks, colour Silvergrey, sampled by approved manufacturer. The breeze block units shall be regarded as a long lead item and shall be ordered a minimum of four (4) weeks in advance to prevent delays to the Works. Typical compressive strength >10 MPa, typical 24-hour water absorption 9.1%, mass 2.2 kg. Construct using approved mortar and provide neat half-round (bucket handle) pointed joints throughout.

Installation to manufacturer's recommendations and supplied by approved manufacturer and/or supplier.

Provide samples of breeze block prior to purchase for approval.

- Slats

Architectural timber-look composite beams shall consist of an extruded 6063-T5 aluminium alloy core (constituting approximately 62% mass) combined with a low maintenance cellulose-polymer composite cap comprising high-density polyethylene, bamboo fibres, and calcium carbonate, offering built-in UV protection, corrosion resistance, and the aesthetic appearance of timber without structural upkeep.

The profile dimensions shall be strictly 100.5 mm in height by 30.5 mm in width, with a nominal mass of 1.3 kg/m, a cross-sectional area of 288.7 mm², and principal moments of inertia of $I_x = 259,885 \text{ mm}^4$ and $I_y = 35,682 \text{ mm}^4$.

The beams shall be supplied in standard lengths of 5.8 m. the system shall achieve a class 1 fire reaction rating with an average critical radiant flux of 55.8 kW/m² tested to AS/NZS 3837. Installation shall be executed by an approved specialist installer strictly in accordance with the manufacturer's guidelines, utilizing manufacturer-specified concealed clips, matching end caps, and appropriate corrosion-resistant fasteners as required for height applications.

A physical sample complete with product data sheets verifying material composition and origin shall be submitted by an approved manufacturer or supplier for approval prior to site delivery or installation, with the final surface colour selected from the standard manufacturer range.



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- **Screen (Slats) Wall**
Slats:
Refer to architect's specification and details as mentioned above. All supporting structural members, connections, brackets, base plates, footings, fixings and associated components shall be to the Structural Engineer's detail.
- **Retaining Wall**
To structural engineers' detail.
- **Glazing on the doors**
All glazing and safety glazing shall comply with SANS 613 and the SANS Codes of practise. All safety glass shall carry the Manufacturer's warranty against any manufacturing defects and discoloration for a minimum period of 5 years.
As per SANS 10400-N, an approved permanent safety stencil mark shall appear on each pane on all safety glass.
- **Mesh and bird-proofing**
Design, supply & install internally 4 x (690mm x 255mm) heavy-duty industrial uv-stabilized isophthalic resin fibreglass reinforced polymer (FRP) micro-mesh security panels by an approved manufacturer. The FRP panel shall be housed within an approved enclosure sub-frame and secured with grade 316 stainless steel tamper-proof security fasteners and compatible isolation mounting brackets. All fixings, anchors, and fixtures shall be grade 316 stainless steel or non-metallic materials as recommended by the manufacturer. All dimensions shall be confirmed on site prior to fabrication. Detailed shop drawings, technical data sheets, and physical samples showing panel thickness, aperture size, mesh opening ratio, and color finish shall be submitted for written approval prior to installation. Mesh dimensions and aperture sizes shall comply with required impact, ventilation, and security standards. All work to be installed in strict accordance with manufacturer's instructions by an approved applicator and contractor.
- **Painting – internal and external**
All paint shall be strictly low-VOC (volatile organic compound).
Paint shall be used on all surfaces are to carry a minimum guarantee period of 14 years. Manufacturer of the paint shall provide regular inspection to ensure the surface preparation and application of the products are in accordance with the manufacturer's instruction. Regular moisture tests are to be carried out to ensure the surfaces are thoroughly dry - no more than 12% moisture content is recommended.
All products must be applied in strict accordance with the Manufacturers specification and product technical data sheet.
Colour samples to be approved by *Project Manager*.

- **Plaster & Paint Area Procedures**

Ensure that surfaces are sound and free from dust, oil, grease, dirt, and debris. Surfaces must be thoroughly dry - no more than 12% moisture content.

Prior to painting, establish and repair all causes of moisture in the structure such as rising/lateral dampness; water ingress from balconies etc. All to be done in strict accordance with approved damp proofing methods.

All products must be applied in strict accordance with the Manufacturer Specification and Product Technical Data Sheet.

The first finishing coat be tinted from a base 9 to a colour corresponding to the colour of the topcoat. This will reduce the number of topcoats required for full hiding. Inter-coat washing is essential for all coastal projects. When near the ocean, it is important to ensure surfaces are free of contaminants, specifically salt deposits, before painting can commence. For surfaces exhibiting excessive chalkiness, a full coat of primer is necessary to aid adhesion. Prior to painting, establish and repair all causes of moisture in the structure such as rising/lateral dampness; water ingress from balconies etc. All to be done in strict accordance with approved damp proofing methods.

APPLICATION:

Ensure surfaces are sound, clean and thoroughly dry - moisture content should not exceed 12%. Apply approved Trade Alkali Resistant Primer at 9m² per litre, as a primer to bare and chalky surfaces. Allow overnight drying. Fill minor plaster deficiencies with a Pre-Paint Multi-Purpose Ready Mix Crack Filler and allow to dry and sand smooth. For textured walls surface drag a dry paint brush through the still wet filler to best recreate the existing wall texture. Spot prime with approved Pre-Paint Multi-Purpose Ready Mix Crack Filler repaired areas with primer and allow drying. Finish the walls with 2 coats of Wall guard or equivalent at 8-10m² per litre per coat with 4 hours drying time between coats.

- **STEEL PAINTING PROCEDURES**

Steel painting as per structural engineers' detail and specification

- **Doors**

All doors to have SABS certification. Contractor to ensure the certification thereof shall be provided.

- **Sanitaryware**



New sanitaryware products shall be free of material and manufacturing defects. Appraisal of the above shall be done against ruling manufacturing specifications and standards at the date of manufacture. The supplier or manufacturer of sanitaryware (sanware) must be able to repair or exchange any defective product. All sanware products shall be installed by a registered or accredited manufacturer's installer.

Sanware shall be used with or included in installations where water temperatures are outside of the temperature range stipulated for that product, or as laid down in the Standards for water supply and drainage (SANS 10252 & 10254) or an equivalent international standard. Products shall be installed according to manufacturer's installation instructions or according to valid Water Regulations and general good plumbing practice. All pipe work shall be flushed for clearance of dirt or debris in pipework prior to the use of terminal fittings. All sanware handling shall be as per manufacturer's instruction. All consumables e.g., filters, filter cartridges, aerators, batteries seals or hoses shall be used as per manufacturer's instruction. Contractor to ensure that Paraplegic toilet areas comply with SANS 10400 Part S. Grab rails, heights and fittings to comply with SANS 10400.

All sanitaryware shall carry a warranty valid for:

- 20 years for taps & mixers, wastes, capillary and compression fittings
 - 2 years for electronic mixers components and valves.
 - 2 years for valves (toilet)
 - 10 years for multi-layer pipe system must be used with compression fittings and Safe inserts.
 - 10 years on vanities.
 - 10 years on all sanitaryware
 - 6 months on all toilet seats.
- Floors & slabs to comply with part J of SANS 10400:
All slabs, beams, and columns shall be to structural engineer's details.
Surface bed on well compacted and poisoned material reinforced to engineer's details.
Provide 'Gundle' USB green 250 microns damp proof membrane or equivalent.
 - Signage
New signage shall be provided in the covered walkway for toilets (male, female and paraplegic), and the external sign indicating toilet.
Signage colours shall comply with TNPA corporate colours.
Samples of signage shall be provided for approval prior to installation.
 - Tiling works
All adhesives, sealants, and primers must be strictly low-VOC (volatile organic compound) emission products complying with South African Green Building Council (GBCSA) limits (< 50 g/l VOC content) to ensure indoor air quality and environmental compliance. all tile

preparation, surface priming, adhesive application, grouting, expansion joints, and curing/drying times shall be executed entirely in strict accordance with the selected tile, adhesive, and grout manufacturers' written instructions and technical data sheets.

- Grass

Supply and lay indigenous coastal buffalo grass (*Stenotaphrum secundatum*) as healthy, weed-free sods sourced from an approved local KwaZulu-Natal nursery to ensure saline and high-wind acclimation for the port of Durban quay environment. Subbase to be scarified to a depth of 150 mm and prepared with a 75 mm layer of topsoil and organic compost blend (50:50) mixed with pre-planting fertilizer at 50 g/m², leveled, and pre-soaked. Sods shall be laid tight-jointed in a staggered brick-bond pattern, tamped into full root contact, and secured along perimeter/quay boundaries with biodegradable pegs against wind uplift. Soil preparation and watering shall strictly adhere to the supplier's detailed instructions: Apply a thick layer of mulch and compost prior to planting, water twice daily for the initial three (3) days post-planting, and subsequently once per week indefinitely (adjusting during periods of sufficient rainfall).

The Contractor shall provide a 1000mm x 1000mm sample panel on site and a nursery certificate of origin verifying the botanical species must be submitted for written approval prior to bulk installation.

4.2.10 List of Drawings

Drawings issued by the *Employer*

Description		
Drawing No.	Rev.	Description
Architectural Drawings		
XDN.E.0048-100-A-LA-0002-01	0A	Plans, Sections and Elevations
XDN.E.0048-100-A-DE-0003-01	0A	Schedules & Details