

Part 1 General

1.1 Related Sections

- .1 Section 01 29 83 - Payment Procedures: Testing Laboratory Services.
- .2 Section 01 33 00 - Submittal Procedures.
- .3 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .4 Section 01 45 00 - Quality Control.
- .5 Section 01 61 00 - Common Product Requirements.
- .6 Section 03 30 00 - Cast-in-Place Concrete.
- .7 Section 04 05 12 - Mortar and Masonry Grout.
- .8 Section 04 05 19 - Masonry Anchorage and Reinforcing.
- .9 Section 04 05 23 - Masonry Accessories.
- .10 Section 04 22 00 - Concrete Unit Masonry.
- .11 Section 05 50 00 - Metal Fabrications.
- .12 Section 07 21 13 - Board Insulation.
- .13 Section 07 92 10 - Joint Sealing.

1.2 References

- .1 Canadian Standards Association (CSA International).
 - .1 CSA-A165 Series-94(R2000), Standards on Concrete Masonry Units.
 - .2 CSA A179-94(R1999), Mortar and Grout for Unit Masonry.
 - .3 CSA-A371-94 (R1999), Masonry Construction for Buildings.

1.3 Submittals

- .1 Product Data.
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
- .2 Samples.
 - .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit samples.
 - .1 Six of each type of masonry unit specified.
 - .2 Two of each type of masonry accessory specified.

- .3 One of each type of masonry reinforcement, tie and connector proposed for use.
- .4 A minimum of six for testing purposes.
- .3 Submit samples tested to laboratories employing technicians certified/trained in procedures for testing masonry units.
- .3 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.

1.4 Quality Assurance

- .1 Test Reports.
 - .1 Certified test reports showing compliance with specified performance characteristics and physical properties.
 - .2 Submit laboratory test reports certifying compliance of masonry units and mortar ingredients with specification requirements.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
- .3 Mock-ups.
 - .1 Construct mock-ups in accordance with Section 01 45 00 - Quality Control.
 - .2 Construct mock-up panel of exterior masonry wall construction 1200 x 1800 mm showing masonry colours and textures, use of reinforcement, ties, through-wall flashing, weep holes, jointing, coursing, mortar and workmanship.
 - .3 Mock-up will be used:
 - .1 To judge workmanship, substrate preparation, operation of equipment and material application.
 - .2 For testing to determine compliance with performance requirements. Perform following tests.
 - .1 For clay units, in addition to requirements set out in referenced CSA and ASTM Standards include data indicating initial rate of absorption.
 - .4 Construct mock-up where directed.
 - .5 Allow 24 hours for inspection of mock-up by Contract Administrator before proceeding with work.
 - .6 When accepted by Contract Administrator, mock-up will demonstrate minimum standard for this work. Mock-up may remain as part of finished work.
- .4 Pre-Installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

1.5 Delivery, Storage, and Handling

- .1 Deliver, store, handle and protect materials in accordance with Section 01 61 00 - Common Product Requirements.
- .2 Deliver materials to job site in dry condition.

- .3 Storage and Protection:
 - .1 Keep materials dry until use.
 - .2 Store under waterproof cover on pallets or plank platforms held off ground by means of plank or timber skids.

1.6 Waste Management and Disposal

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, pallets, packaging material for recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .4 Unused metal materials are to be diverted from landfill to a metal recycling facility as approved by Contract Administrator.
- .5 Unused or damaged masonry materials must be diverted from landfill to a local facility as approved by Contract Administrator.

1.7 Site Conditions

- .1 Site Environmental Requirements:
 - .1 Cold weather requirements:
 - .1 Supplement Clause 5.15.2 of CSA-A371 with following requirements.
 - .1 Maintain temperature of mortar between 5 degrees C and 50 degrees C until batch is used or becomes stable.
 - .2 Maintain ambient temperature between 5 degrees C and 50 degrees C and protect site from windchill.
 - .2 Hot weather requirements.
 - .1 Protect freshly laid masonry from drying too rapidly, by means of waterproof, non-staining coverings.
 - .2 Keep masonry dry using waterproof, non-staining coverings that extend over walls and down sides sufficient to protect walls from wind driven rain, until masonry work is completed and protected by flashings or other permanent construction.

Part 2 Products

2.1 Materials

- .1 Masonry materials are specified in Related Sections.

Part 3 Execution

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 Preparation

- .1 Provide temporary bracing of masonry work during and after erection until permanent lateral support is in place.
- .2 Bracing approved by Engineer and Contract Administrator.

3.3 Installation

- .1 Do masonry work in accordance with CSA-A371 except where specified otherwise.
- .2 Build masonry plumb, level, and true to line, with vertical joints in alignment.
- .3 Layout coursing and bond to achieve correct coursing heights, and continuity of bond above and below openings, with minimum of cutting.

3.4 Construction

- .1 Exposed masonry:
 - .1 Remove chipped, cracked, and otherwise damaged units, in accordance with CSA A-165, Clause 82.1, in exposed masonry and replace with undamaged units.
- .2 Jointing:
 - .1 Allow joints to set just enough to remove excess water, then tool with round jointer to provide smooth, joints true to line, compressed, uniformly concave joints where concave joints are indicated.
 - .2 Allow joints to set just enough to remove excess water, then rake joints uniformly to 6 mm depth and compress with square tool to provide smooth, compressed, raked joints of uniform depth where raked joints are indicated.
 - .3 Strike flush joints concealed in walls and joints in walls to receive plaster, tile, insulation, or other applied material except paint or similar thin finish coating.
- .3 Cutting:
 - .1 Cut out for electrical switches, outlet boxes, and other recessed or built-in objects.
 - .2 Make cuts straight, clean, and free from uneven edges.
- .4 Building-In:
 - .1 Build in items required to be built into masonry.
 - .2 Prevent displacement of built-in items during construction. Check plumb, location and alignment frequently, as work progresses.

- .3 Brace door jambs to maintain plumb. Fill spaces between jambs and masonry with mortar.
- .5 Provision for movement:
 - .1 Leave 3 mm space below shelf angles.
 - .2 Leave 6 mm space between top of non-load bearing walls and partitions and structural elements. Do not use wedges.
 - .3 Built masonry to tie in with stabilizers, with provision for vertical movement.
- .6 Loose steel lintels:
 - .1 Install loose steel lintels. Centre over opening width.
- .7 Control joints.
 - .1 Construct continuous control joints as indicated and as recommended by Manufacturer.
- .8 Expansion joints:
 - .1 Build-in continuous expansion joints as indicated and as recommended by Manufacturer.
- .9 Interface with other work:
 - .1 Cut openings in existing work as indicated.
 - .2 Openings in walls: approved by Contract Administrator.
 - .3 Make good existing work. Use materials to match existing.
- 3.5 Site Tolerances**
 - .1 Tolerances in notes to Clause 5.3 of CSA-A371 apply.
- 3.6 Field Quality Control**
 - .1 Inspection and testing will be carried out by Testing Laboratory designated by Contract Administrator.
- 3.7 Cleaning**
 - .1 Perform cleaning after installation to remove construction and accumulated environmental dirt.
 - .2 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.
- 3.8 Protection**
 - .1 Protect masonry and other work from marking and other damage. Protect completed work from mortar droppings. Use non-staining coverings.

END OF SECTION

Part 1 General

1.1 Related Sections

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 04 05 10 - Common Work Results for Masonry.
- .3 Section 04 05 19 – Masonry Anchorage and Reinforcing.
- .4 Section 04 05 23 – Masonry Accessories.
- .5 Section 04 22 00 – Concrete Unit Masonry.

1.2 References

- .1 Canadian Standards Association (CSA International).
 - .1 CSA A179-94(R1999), Mortar and Grout for Unit Masonry.

1.3 Submittals

- .1 Product Data
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit two copies of WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 33 00 - Submittal Procedures. Indicate VOC's mortar, grout, parging, colour additives and admixtures.
- .2 Samples
 - .1 Submit samples in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit two size samples of mortar coloured mortar.
- .3 Manufacturer's Instructions
 - .1 Submit manufacturer's installation instructions.

1.4 Quality Assurance

- .1 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
 - .1 Submit laboratory test reports in accordance Section 01 29 83 - Payment Procedures: Testing Laboratory Services.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
- .3 Pre-Installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

1.5 Waste Management and Disposal

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, packaging material for recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

Part 2 Products

2.1 Materials

- .1 Use same brands of materials and source of aggregate for entire project.
- .2 Mortar and grout: CSA A179.
- .3 Use aggregate passing 1.18 mm sieve where 6 mm thick joints are indicated.
- .4 Colour: ground coloured natural aggregates or metallic oxide pigments.
- .5 Mortar for exterior masonry above grade:
 - .1 Loadbearing: type S based on Property specifications.
 - .2 Non-Loadbearing: type N based on Property specifications.
 - .3 Parapet walls, unprotected walls: type S based on Property specifications.
- .6 Following applies regardless of mortar types and uses specified above:
 - .1 Mortar for grouted reinforced masonry: type S based on Property specifications.
 - .2 Mortar for pointing: type based on Proportion specifications.
- .7 Coloured mortar: use colouring admixture not exceeding 10% of cement content by mass, or integrally coloured masonry cement, to produce coloured mortar to match approved sample.
- .8 Non-Staining mortar: use non-staining masonry cement for cementitious portion of specified mortar type.
- .9 Grout: to CSA A179, Table 3.
- .10 Parging mortar: type to CSA A179.

2.2 Mixes

- .1 Colour: mix grout to semi-fluid consistency.
- .2 Coloured mortars: incorporate colour and admixtures into mixes in accordance with manufacturer's instructions.

- .1 Use clean mixer for coloured mortar.

Part 3 Execution

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 Construction

- .1 Do masonry mortar and grout work in accordance with CSA A179 except where specified otherwise.
- .2 Apply parging in uniform coating not less than total 10 mm thick, where indicated.

3.3 Cleaning

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

3.4 Schedule

- .1 Use coloured mortar for exterior masonry. Colour to match masonry colour.

END OF SECTION

Part 1 General

1.1 Related Sections

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .3 Section 04 05 10 - Common Work Results for Masonry.
- .4 Section 04 05 23 – Masonry Accessories.
- .5 Section 04 22 00 – Concrete Unit Masonry.

1.2 References

- .1 Canadian Standards Association (CSA International).
 - .1 CAN/CSA-A23.1/A23.2-00, Concrete Materials and Methods of Concrete Construction/Methods of Test for Concrete.
 - .2 CSA-A370-94(R1999), Connectors for Masonry.
 - .3 CSA-A371-94(R1999), Masonry Construction for Buildings.
 - .4 CSA G30.14-M1983(R1998), Deformed Steel Wire For Concrete Reinforcement.
 - .5 CAN/CSA G30.18-M92, Billet-Steel Bars for Concrete Reinforcement.
 - .6 CSA-S304.1-94(R2001), Masonry Design for Buildings.
 - .7 CSA W186-M1990(R1998), Welding of Reinforcing Bars in Reinforced Concrete Construction.
 - .8 CSA A179-94, Mortar and Grout For Unit Masonry.

1.3 Submittals

- .1 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit two copies of WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 33 00 - Submittal Procedures. Indicate VOC's for epoxy coatings and galvanized protective coatings and touch-up products.
- .2 Shop Drawings:
 - .1 Submit shop drawings in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Shop drawings consist of bar bending details, lists and placing drawings.
 - .3 On placing drawings, indicate sizes, spacing, location and quantities of reinforcement and connectors.
- .3 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.

1.4 Quality Assurance

- .1 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
- .3 Pre-Installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

1.5 Waste Management and Disposal

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper plastic polystyrene corrugated cardboard packaging material for recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .4 Divert unused metal materials from landfill to metal recycling facility approved by Contract Administrator.

Part 2 Products

2.1 Materials

- .1 Bar reinforcement: to CSA-A371 and CAN/CSA G30.18, Grade 400.
- .2 Wire reinforcement: to CSA-A371 and CSA G30.14, ladder truss type.
- .3 Connectors: to CSA-A370 and CSA-S304.
- .4 Corrosion protection: to CSA-S304, galvanized to CSA-S304 and CSA-A370.

2.2 Fabrication

- .1 Fabricate reinforcing in accordance with CAN/CSA-A23.1.
- .2 Fabricate connectors in accordance with CSA-A370.
- .3 Obtain Contract Administrator's approval for locations of reinforcement splices other than shown on placing drawings.
- .4 Upon approval of Contract Administrator, weld reinforcement in accordance with CSA W186.
- .5 Ship reinforcement and connectors, clearly identified in accordance with drawings.

2.3 Source Quality Control

- .1 Upon request, provide Contract Administrator with certified copy of mill test report of reinforcement steel and connectors, showing physical and chemical analysis, minimum 5 weeks prior to commencing reinforcement work.
- .2 Upon request inform Contract Administrator of proposed source of material to be supplied.

Part 3 Execution

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 General

- .1 Supply and install masonry connectors and reinforcement in accordance with CSA-A370, CSA-A371, CAN/CSA-A23.1 and CSA-S304.1 unless indicated otherwise.
- .2 Prior to placing concrete, mortar, grout, obtain Contract Administrator's approval of placement of reinforcement and connectors.
- .3 Supply and install additional reinforcement to masonry as indicated.

3.3 Bonding and Tying

- .1 Bond walls of two or more wythes using metal connectors in accordance with CSA-S304, CSA-A371 and as indicated.
- .2 Tie masonry veneer to backing in accordance with NBC, CSA-S304.1, CSA-A371 and as indicated in drawings.

3.4 Reinforced Lintels and Bond Beams

- .1 Reinforce masonry lintels and bond beams as indicated.
- .2 Place and grout reinforcement in accordance with CSA-S304.1, CSA-A371, and CSA-A179.

3.5 Grouting

- .1 Grout masonry in accordance with CSA-S304.1, CSA-A371 and CSA-A179 and as indicated.

3.6 Anchors

- .1 Supply and install metal anchors as indicated.

3.7 Lateral Support and Anchorage

- .1 Supply and install lateral support and anchorage in accordance with CSA-S304.1 and as indicated.

3.8 Movement Joints

- .1 Reinforcement will not be continuous across movement joints unless otherwise indicated.

3.9 Field Bending

- .1 Do not field bend reinforcement and connectors except where indicated or authorized by Contract Administrator.
- .2 When field bending is authorized, bend without heat, applying a slow and steady pressure.
- .3 Replace bars and connectors which develop cracks or splits.

3.10 Field Touch-up

- .1 Touch up damaged and cut ends of epoxy coated or galvanized reinforcement steel and connectors with compatible finish to provide continuous coating.

3.11 Cleaning

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION

Part 1 General

1.1 Related Sections

- .1 Section 01 33 00 - Submittal Procedures.
- .2 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .3 Section 04 05 10 - Common Work Results for Masonry.
- .4 Section 04 05 19 - Masonry Anchorage and Reinforcing.
- .5 Section 04 22 00 – Concrete Unit Masonry.

1.2 References

- .1 American Society for Testing and Materials International, (ASTM).
 - .1 ASTM D2240-02b, Standard Test Method for Rubber Property - Durometer Hardness.
- .2 Canadian Standards Association (CSA International).
 - .1 CSA-A371-94(R1999), Masonry Construction for Buildings.

1.3 Submittals

- .1 Product Data:
 - .1 Submit manufacturer's printed product literature, specifications and data sheet in accordance with Section 01 33 00 - Submittal Procedures.
 - .2 Submit two copies of WHMIS MSDS - Material Safety Data Sheets in accordance with Section 01 33 00 - Submittal Procedures. Indicate VOC's for joint fillers and lap adhesives.
- .2 Manufacturer's Instructions:
 - .1 Submit manufacturer's installation instructions.

1.4 Quality Assurance

- .1 Test Reports: certified test reports showing compliance with specified performance characteristics and physical properties.
- .2 Certificates: product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
- .3 Pre-installation Meetings: conduct pre-installation meeting to verify project requirements, manufacturer's installation instructions and manufacturer's warranty requirements.

1.5 Waste Management and Disposal

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper plastic polystyrene corrugated cardboard packaging material in appropriate on-site for recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.

Part 2 Products

2.1 Materials

- .1 Control joint filler: purpose-made elastomer durometer hardness to ASTM D2240 of size and shape indicated.
- .2 Lap adhesive: recommended by masonry flashing manufacturer.
- .3 Weep hole vents: purpose-made PVC.
- .4 Mechanical fasteners: Section 04 05 19 – Masonry Anchorage and Reinforcing.
- .5 Polyethylene flashings.
 - .1 Plain: .10 mil polyethylene film bonded to asphalt treated creped kraft.
 - .2 Reinforced: two .10 mil thick polyethylene films bonded each side of asphalt treated creped kraft paper, reinforced with 12.7 x 12.7 mm fibreglass scrim.

Part 3 Execution

3.1 Manufacturer's Instructions

- .1 Compliance: comply with manufacturer's written data, including product technical bulletins, product catalogue installation instructions, product carton installation instructions, and data sheets.

3.2 Installation

- .1 Install continuous control joint fillers in control joints at locations indicated on drawings.
- .2 Install weep hole vents in vertical joints immediately over flashings, in exterior wythes of cavity wall and masonry veneer wall construction, at maximum horizontal spacing of 600 mm on centre.

3.3 Construction

- .1 Build in flashings in masonry in accordance with CSA-A371.

- .1 Install flashings under exterior masonry bearing on foundation walls, slabs, shelf angles, and steel angles over openings. Install flashings under weep hole courses and as indicated.
- .2 In cavity walls and veneered walls, carry flashings from front edge of masonry, under outer wythe, then up backing not less than 150 mm, and as follows:
 - .1 For masonry backing embed flashing 25 mm in joint.
 - .2 For concrete backing, insert flashing into reglets.
 - .3 For wood frame backing, staple flashing to walls behind sheathing paper.
 - .4 For gypsum board backing, bond to wall using manufacturer's recommended adhesive.
- .3 Lap joints 150 mm and seal with adhesive.

3.4 Cleaning

- .1 Upon completion of installation, remove surplus materials, rubbish, tools and equipment barriers.

END OF SECTION

Part 1 General

1.1 Related Sections

- .1 Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Section 04 05 10 - Common Work Results for Masonry.
- .3 Section 04 05 12 - Mortar and Masonry Grout.
- .4 Section 04 05 19 - Masonry Anchorage and Reinforcing.
- .5 Section 04 05 23 - Masonry Accessories.

1.2 References

- .1 Canadian Standards Association (CSA International)
 - .1 CAN3 A165 SERIES-94(R2000), CSA Standards on Concrete

1.3 Waste Management and Disposal

- .1 Separate and recycle waste materials in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .2 Remove from site and dispose of packaging materials at appropriate recycling facilities.
- .3 Collect and separate for disposal paper, plastic, polystyrene, corrugated cardboard, packaging material for recycling in accordance with Section 01 74 21 - Construction/Demolition Waste Management and Disposal.
- .4 Divert damaged or unused concrete materials from landfill to local facility approved by Contract Administrator.

Part 2 Products

2.1 Materials

- .1 Prefinished concrete block units Type: to CAN3-A165 Series (CAN3-A165.3):
 - .1 Classification of body of unit: to CAN3-A165.1.
 - .2 Concrete Masonry Veneer:
 - .1 Size: 90D x 190H x 390W mm
 - .1 Split-face.
 - .2 Smooth-face – Scored.
 - .2 Colour: as selected by Contract Administrator
 - .3 Finish: as selected by Contract Administrator
 - .4 Sill/Banding: to be selected by Contract Administrator

- .5 Acceptable Material: Tallcrete, Architectural Concrete Masonry Units.
- .6 Equals: Approved alternative with matching colours.
- .3 Concrete Masonry Sill Blocks:
 - .1 Size: 90D x 190H x 390W mm
 - .1 Smooth-face.
 - .2 Colour: as selected by Contract Administrator
 - .3 Finish: as selected by Contract Administrator
 - .4 Sill/Banding: to be selected by Contract Administrator
 - .5 Acceptable Material: Tallcrete, Architectural Concrete Masonry Units.
 - .6 Equals: Approved alternative with matching colours.
 - .4 Concrete Masonry Chamfer Blocks:
 - .1 Size: 90D x 190H x 390W mm
 - .1 Smooth-face.
 - .2 Colour: as selected by Contract Administrator
 - .3 Finish: as selected by Contract Administrator
 - .4 Sill/Banding: to be selected by Contract Administrator
 - .5 Acceptable Material: Tallcrete, Architectural Concrete Masonry Units.
 - .6 Equals: Approved alternative with matching colours.
- .1 Accessories: Galvanized ties – Refer to Section 04 05 19 - Masonry Anchorage and Reinforcing.

Part 3 Execution

3.1 Installation

- .1 Prefinished concrete block units:
 - .1 Bond: running.
 - .2 Coursing height: 190 mm for one block and two joint.
 - .3 Jointing: provide concave joints.
 - .4 Clean block faces using soft cloths before mortar hardens rake to 10 mm depth. After completion of block laying fill joints with pointing mortar then point to provide concave joints. Repeat cleaning of faces.

3.2 Cleaning

- .1 Decorative block: Allow mortar droppings on masonry to partially dry then remove by means of trowel, followed by rubbing lightly with small piece of block and finally by brushing.

3.3 Schedule

- .1 Refer to Elevation Drawings.

END OF SECTION