



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 1T3
Bid Fax: (902) 496-5016

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

Proposal To: Public Works and Government
Services Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux: Travaux Publics et Services
Gouvernementaux Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
B3J 3C9
Nova Scot

Title - Sujet Carpentry Materials	
Solicitation No. - N° de l'invitation 5P126-150493/A	Date 2015-11-27
Client Reference No. - N° de référence du client 5P126-15-0493	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-219-9686	
File No. - N° de dossier HAL-5-75154 (219)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-01-11	Time Zone Fuseau horaire Atlantic Standard Time AST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Richard, Linda K.	Buyer Id - Id de l'acheteur hal219
Telephone No. - N° de téléphone (902) 496-5261 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: PARKS CANADA NATL PARK 16648 CABOT TRAIL INGONISH BEACH NOVA SCOTIA BOE1H0 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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PART 1 - GENERAL INFORMATION

1.1 Requirement

The requirement is detailed in Annex "A" Requirement.

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Please see Annex A Requirement.

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price

4.2 Basis of Selection

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (ESDC) - Labour's website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

There are no security requirements as part of this solicitation.

6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex "A".

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received as soon as possible upon award of contract.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Linda Richard
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Address: 1713 Bedford Row
Halifax, NS B3J 3C9

Telephone: 902-496-5261
Facsimile: 902-496-5016
E-mail address: linda.k.richard@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform

work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority

The Project Authority for the Contract is: (To be named upon award of contract)

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative (please complete)

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone : _____

Facsimile: _____

E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit price as specified in Annex A for a cost of \$ _____ insert the amount at contract award). Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 Limitation of Price

SACC Manual clause C6000C (2011-05-16) Limitation of Price

6.6.3 Single Payment

SACC Manual clause H1000C (2008-05-12) Single Payment

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Nova Scotia.

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions 2010A (2015-09-03), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement and Basis of Payment;
- (d) the Contractor's bid dated _____ (*insert date of bid*)

6.11 SACC Manual Clauses

SACC Manual clause G1005C (2008-05-12) Insurance
SACC Manual Clause D0018C (2007-11-30) Delivery and Unloading

6.12 Inspection and Acceptance

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

6.13 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and delivered:

- (a) DDP Delivered Duty Paid (Delivery Address), Incoterms 2000 for shipments from commercial contractor. The Contractor must unload at destination.

Solicitation No. - N° de l'invitation

5P126-150493

Client Ref. No. - N° de réf. du client

5P126-15-0493

Amd. No. - N° de la modif.

File No. - N° du dossier
HAL-5-75154

Buyer ID - Id de l'acheteur

hal219

CCC No./N° CCC - FMS No./N° VME

ANNEX "A"

REQUIREMENT AND BASIS OF PAYMENT

Prices must be quoted in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included.

Please see attached.

ANNEX B**LIST OF DIRECTORS**

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names

Directors: (Please print clearly)

NAME	NAME

ANNEX A - REQUIREMENT AND BASIS OF PAYMENT
5P126-150493

BIDDER NAME: _____

DELIVERY DATE: _____

Description		QUANTITY	PRICE/UNIT	TOTAL PRICE
Screws Wood Screws Screws Screws for Hangers Staples Caulking 1x6 Shiplap Siding to Match Existing Spruce Blueskin SA Weather Membrane or Equal HPL ABET Laminati MEG Panel System C/W Supports & Fasteners or Equal Denglass Gold Cavity Rated Board or Equal P.T T&G wood C/W Resawn Texture Trex Transcend Decking - Colour "Island Mist" or Equal Hidden Fasteners (Supplier to confirm Quantity with drawings) R 12 Batt Insulation - Owens Corning Sound Attenuation or Equal	Screws	15 lbs		
	2" Wood Screws	1		
	#12 x 3" wood screws (box of 50)	20 lbs		
	1 1/4" Drywall Screws	15 lbs		
	2" H.D. Screws	4 pkg		
	Exterior Latex Caulking	10 Tubes		
	1x6 Shiplap Siding Spruce	300 Lin/Ft		
	Blueskin SA	2000 Sq. Ft		
	HPL ABET Laminati MEG Panel System C/W Supports & Fasteners or Equal	1100 Sq. Ft		
	Denglass Gold Cavity Rated Board or Equal	27 Sheets		
Insulation	P.T T&G wood C/W Resawn Texture	100 pcs		
	Trex Transcend Decking - Colour "Island Mist" or Equal	110 boards		
	Hidden Fasteners (Supplier to confirm Quantity with drawings)			
	R 12 Batt Insulation - Owens Corning Sound Attenuation or Equal	400 Sq/Ft		
		600 Sq/Ft		
	R 20 Batt Insulation	1500 Sq/Ft		

ANNEX A - REQUIREMENT AND BASIS OF PAYMENT
5P126-150493

BIDDER NAME: _____

DELIVERY DATE: _____

Description		QUANTITY	PRICE/UNIT	TOTAL PRICE
Strapping	Corner Bead	10 pcs	_____	_____
	Corner Bead	16 pcs	_____	_____
Strapping	Metal Flashing	75 Ft	_____	_____
	Plywood Sheathing	24 Shts	_____	_____
	5/8" P.T T&G Plywood Sheathing	32 Sheets	_____	_____
Strapping	Plywood Sheathing	1 Sht	_____	_____
	Pressure Treated Wood Strapping	782 Lin/Ft	_____	_____
	Strapping	100 Lin/Ft	_____	_____
Framing	Pressure Treated wood Framing	48 Lin/Ft	_____	_____
	2" x 4" P.T	750 Lin/Ft	_____	_____
	2" x 4" Spruce Framing	300 Lin/Ft	_____	_____
Framing	Appx. Area of wood cladding to match existing	150 Sq. Ft.	_____	_____
	1 x 6 Shiplap Spruce		_____	_____
Doors	Window A - Exterior 3'-4" W X 5'-0" H Fixed Awning PVC Thermally Broken C/W Low "E" Argon Ga 2" Brickmould and Drywall Return Interior	4 units	_____	_____
	Exterior Doors (3 and 4 as shown on Dwg A601) complete with all framing, trim and hardware	2	_____	_____
	Interior Hardwood Doors (5, 6, 7, 8 and 9 as shown on Dwg A601)	5	_____	_____
Doors	Hardwood Door Frames	5 Units	_____	_____
	Hardwood Door Trim	10 Sets	_____	_____

Birch Door Frames
Birch Door Trim

ANNEX A - REQUIREMENT AND BASIS OF PAYMENT
5P126-150493

BIDDER NAME: _____

DELIVERY DATE: _____

Description		QUANTITY	PRICE/UNIT	TOTAL PRICE
Interior Wall Cladding at Windows Renovations				
1 x 6 Shiplap Siding to Match Existing Spruce	1 x 6 Shiplap Spruce	600 Lin/Ft		
Window & Door Trim	1" x 3" Birch Match Existing	220 Lin/Ft		
Wood Baseboard	1" x 4" Birch Match Existing	350 Lin/Ft		
Sealant				
Acoustic Tile	Clear Silicone Caulking	4 Tubes		
Suspension T-Bar "White" Commercial Grade	2' x 2' x 5/8" Acoustic Tiles	60 pcs		
Suspension T-Bar "White" Commercial Grade	Perimeter L Wall Modling 12' Lg	4 pcs		
Suspension T-Bar "White" Commercial Grade	Main Tees 12' Lg	10 pcs		
Accessories	Cross Tees 2' Lg	50 pcs		
	Molding Attachment Clips	36 pcs		
Hanging Wire				
Tie Wire Wedge Anchors	12 Gauge Hanging Wire	500' Roll		
Cladding for Bulkhead	Wedge Anchors/Hanger Clips	50 pcs		
	1" x 4" Pine Match Existing	1450 Lin/Ft		
Carpet Tile Commercial Grade	As specified on Drawings	1230 Sq/Ft		
Floor Patching	Grout & Floor Leveller	1230 Sq/Ft		
Octerra Rough Oak #OTP 29	24" x96" x 1.25"	22 Shts		
Edging Trim (Cut & Bullnose)	1" x 3" x 12' Oak	10 pcs		
Perimeter & Edging Trims	1" x 2" Oak	70 Lin/Ft		
Plastic Laminate as per Drawings	4' x 8' Sheet	1 Sht		
Adhesive	High Strength Contact Cement	1 Litre		
Rolling Grille Door (Wayne Dalton Door as per drawings or Equal)	Rolling Grille Door	1 Unit		

ANNEX A - REQUIREMENT AND BASIS OF PAYMENT
5P126-150493

BIDDER NAME: _____

DELIVERY DATE: _____

Description	QUANTITY	PRICE/UNIT	TOTAL PRICE
Paint	2 Gallons		
	2 Gallons		
	1 Gallon		
	3 Gallons		
	8 Gallons		
	5 Gallons		
	3 Gallons		
Wood Framing	2		
	40		
	40		
	2		
	16		
	6		
	12		
Weed Control	36		
	2 Rolls		
SUBTOTAL			
HST			
GRAND TOTAL			



Parks Canada
Parcs Canada

Parks Canada - Cape Breton Highlands National Park Cheticamp Visitors Centre Renovation

Cape Breton Highlands National Park (Cheticamp), Nova Scotia

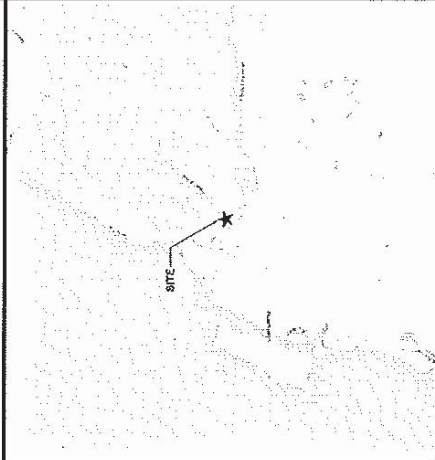
T.D.C. Project No. 14-080

Issued for Construction August 24, 2015

LIST OF DRAWINGS

STRUCTURAL SERIES	
S101	PLAN VIEWS
S102	SECTION AND DETAIL FOUNDATIONS AND TYPE STUD FRAMING
S103	SECTION AND DETAIL WOOD FRAMING
S104	SPECIFICATIONS
ARCHITECTURAL SERIES	
A101	DEDUCTION MAIN FLOOR PLAN AND RESTRUCTURED CEILING PLAN
A102	RENOVATION MAIN FLOOR & RESTRUCTURED CEILING PLAN
A201	NEW EXTERIOR ELEVATION, BUILDING CROSS SECTION AND BUILDING ASSEMBLIES
A202	STABLE CANOPY DETAILS
A203	STAIR DETAIL
A204	INTERIOR ELEVATIONS AND DETAILS
A205	DOOR SCHEDULES AND DETAILS
PLUMBING SERIES	
P101	MECHANICAL PLUMBING PLAN
P102	MECHANICAL PLUMBING SPECIFICATIONS
HEATING AND VENTILATION SERIES	
H101	MECHANICAL REGENERATION HEATING PLAN
H102	MECHANICAL REGENERATION HEATING SPECIFICATIONS
H201	MECHANICAL VENTILATION PLAN
H202	MECHANICAL VENTILATION SCHEDULES, DETAILS & CONTROLS
H203	MECHANICAL VENTILATION SPECIFICATIONS
ELECTRICAL SERIES	
E101	ELECTRICAL - LIGHTING
E102	ELECTRICAL - POWER
E103	ELECTRICAL - SPECIFICATIONS
E104	ELECTRICAL - SYSTEMS
E105	MECHANICAL HONEY

KEY PLAN



PRIME CONSULTANT

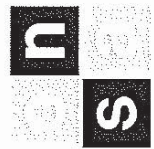


SET NO. _____

ARCHITECTURAL



MECHANICAL & ELECTRICAL ENGINEERING



F.C. O'Neill, Scriven
& Assoc's Limited
Consulting Engineers
341 Townsend Street
Sydney, Nova Scotia, B1P 5C1
P: (902) 552-9000
F: (902) 552-9001
W: WWW.ONELSLTD.CA

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CANADIAN NATIONAL BUILDING CODE (CNBC) AND THE CANADIAN NATIONAL PLUMBING CODE (CNPC).

2. ALL MATERIALS SHALL BE OF GRADE "A" OR BETTER.

3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL ELECTRICAL CODE (CNEC).

4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL MECHANICAL CODE (CNMC).

5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL FIRE PROTECTION CODE (CNFPC).

6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL SAFETY CODE (CNSC).

7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL ENVIRONMENTAL CODE (CNEC).

8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL HEALTH AND SAFETY CODE (CNHSC).

9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL ACCESSIBILITY CODE (CNAC).

10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL SUSTAINABILITY CODE (CNSC).

NOTES

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CANADIAN NATIONAL BUILDING CODE (CNBC) AND THE CANADIAN NATIONAL PLUMBING CODE (CNPC).

2. ALL MATERIALS SHALL BE OF GRADE "A" OR BETTER.

3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL ELECTRICAL CODE (CNEC).

4. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL MECHANICAL CODE (CNMC).

5. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL FIRE PROTECTION CODE (CNFPC).

6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL SAFETY CODE (CNSC).

7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL ENVIRONMENTAL CODE (CNEC).

8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL HEALTH AND SAFETY CODE (CNHSC).

9. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL ACCESSIBILITY CODE (CNAC).

10. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CANADIAN NATIONAL SUSTAINABILITY CODE (CNSC).

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Trifos

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PROJECT

CHATELAIN VISITOR CENTRE

CHATELAIN, NEW SOUTH WALES

DATE

10/10/2017

SCALE

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PROJECT

CHATELAIN VISITOR CENTRE

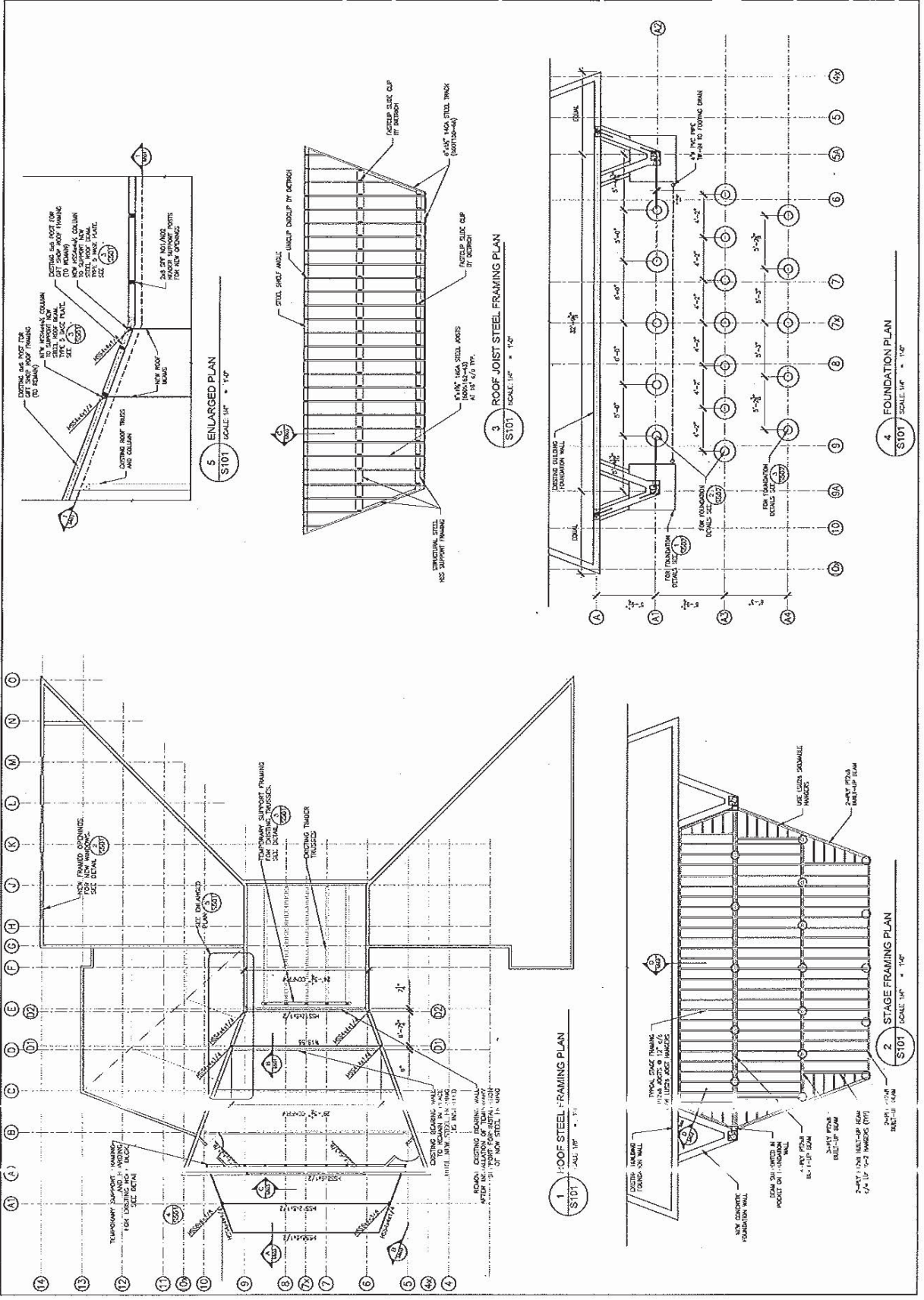
CHATELAIN, NEW SOUTH WALES

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IF IS THE CONSTRUCTION RESPONSIBILITY TO CHECK AND VERIFY THAT ALL DIMENSIONS AND MATERIALS USED TO CONSTRUCT THE BUILDING ARE CORRECT? OR DOES IT BELONG TO THE ARCHITECT OR ENGINEER OR OTHER PROFESSIONAL PERSONS OR QUALIFIED PEOPLE WITH KNOWLEDGE AND EXPERIENCE OF THE CONSTRUCTION PROCESS?

FOUNDED BY ARCHITECTS, LEAD THE DISCUSSION IN CONNECTION WITH ALL ARCHITECTURAL, ELECTRICAL, MECHANICAL, AND PLUMBING COMPLETE INTERFERENCES. ALL CONSTRUCTION TO BE IN CONFORMANCE WITH THE NATIONAL BUILDING CODE OF CANADA 2006. THESE CONSTRUCTION PRACTICES MUST BE SOUND AND BASED BY THE ARCHITECT OR ENGINEER.

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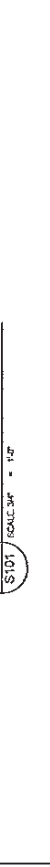
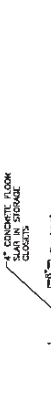
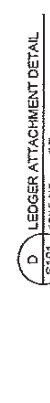


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Cheticamp Visitor's Centre
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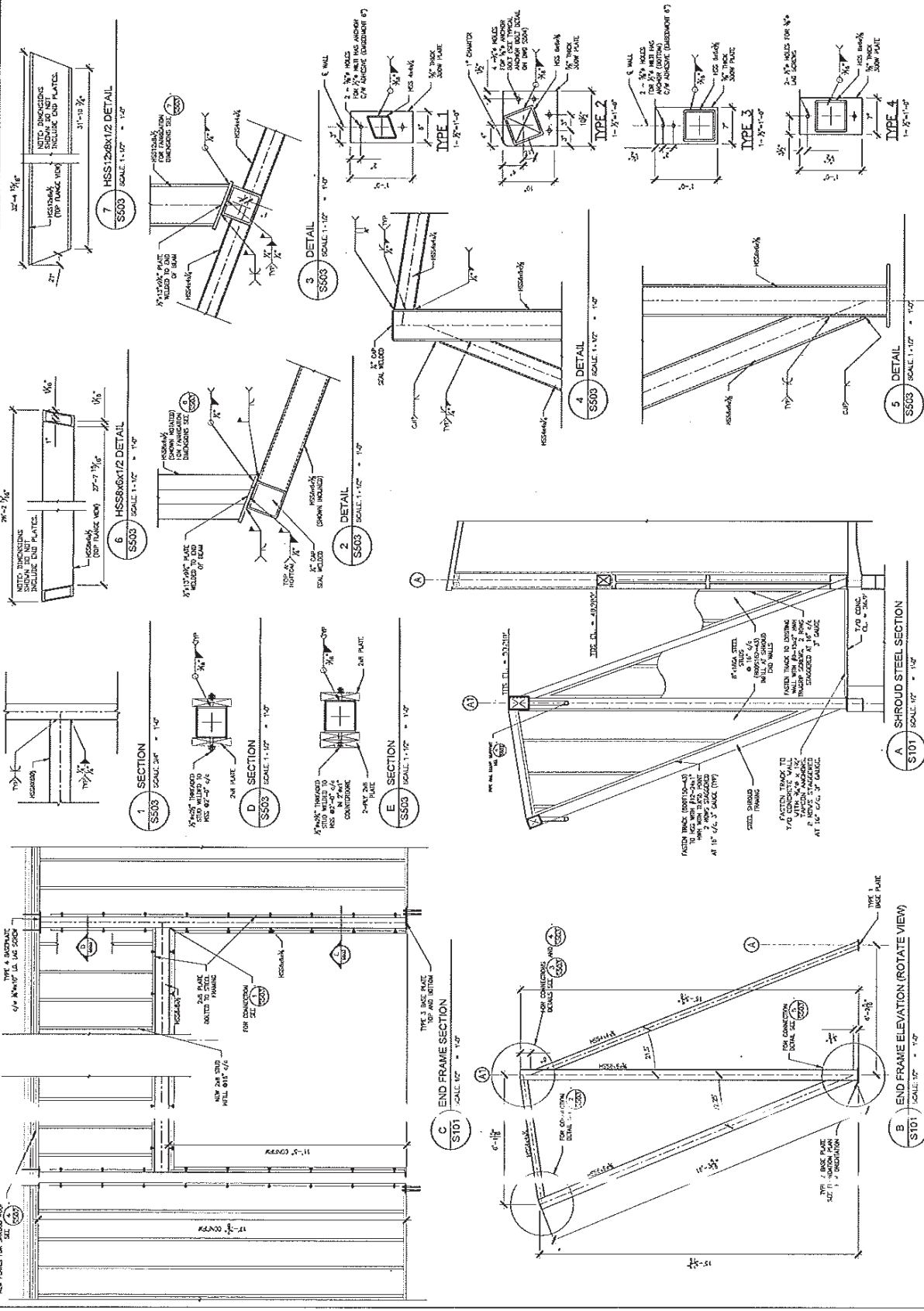
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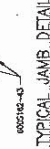
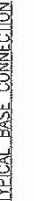
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GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE CANADIAN NATIONAL BUILDING CODE (CNBC) AND THE CANADIAN NATIONAL ELECTRICAL CODE (CNEC).

2. ALL MATERIALS SHALL BE OF THE HIGHEST QUALITY AND SHALL BE SUBJECT TO INSPECTION AND APPROVAL BY THE ARCHITECT.

3. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

4. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED BUDGET.

5. ALL WORK SHALL BE COMPLETED WITHIN THE SPECIFIED QUALITY STANDARDS.

NOTES

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ARCHITECTURE

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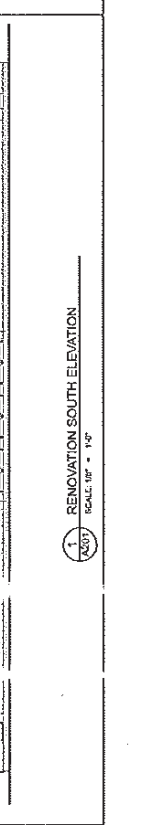
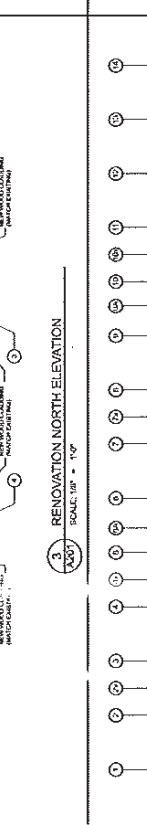
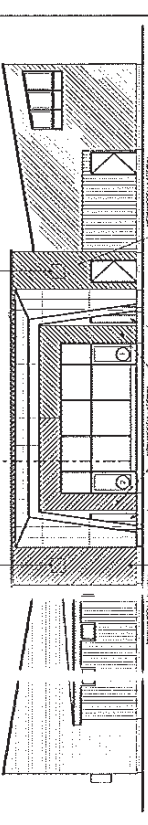
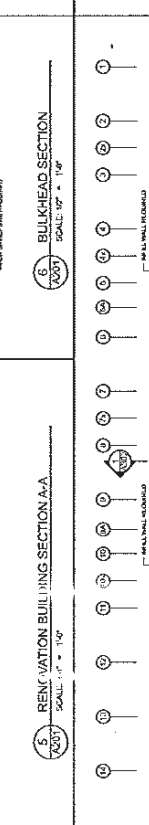
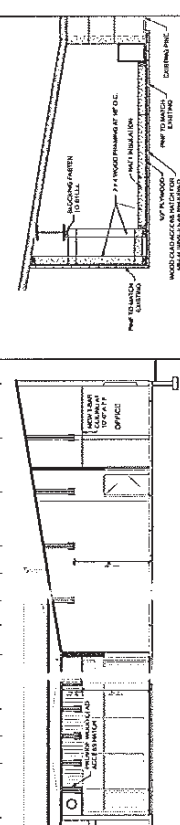
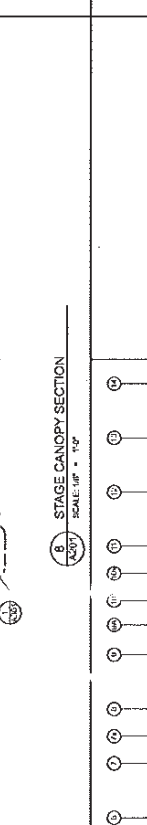
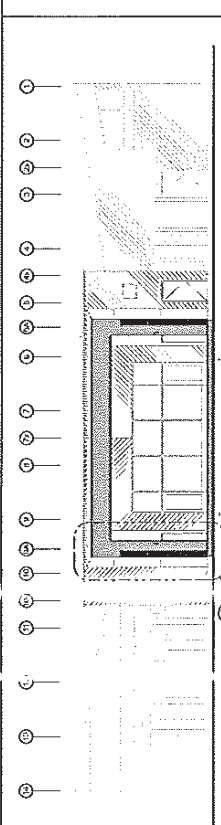
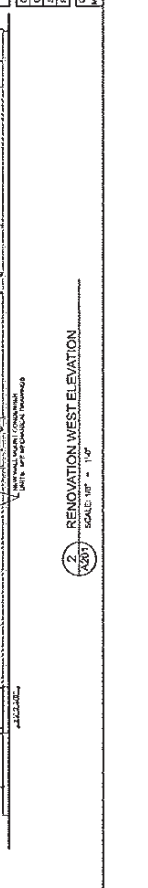
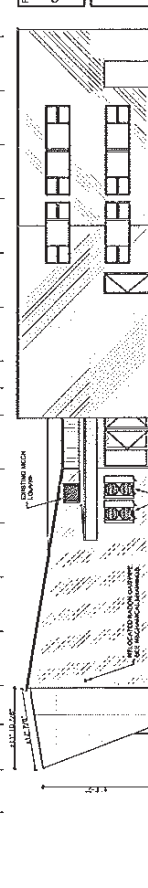
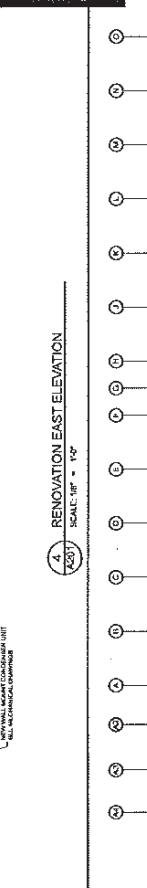
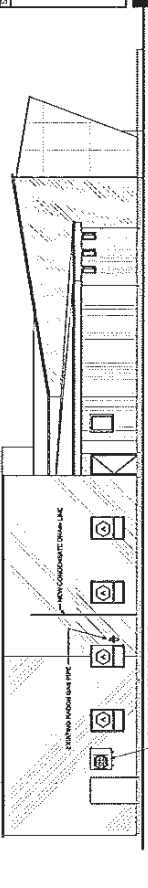
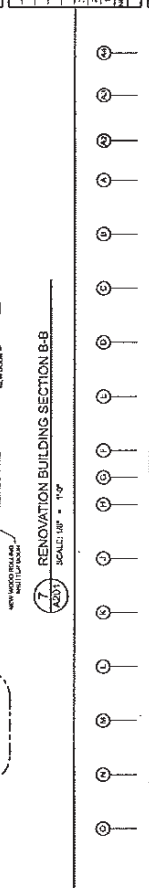
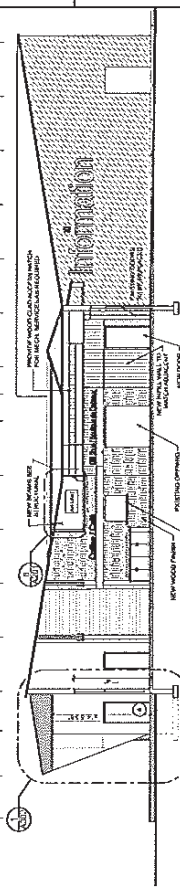
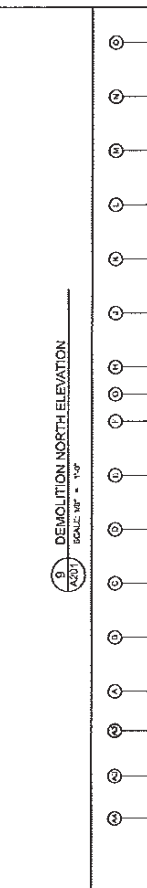
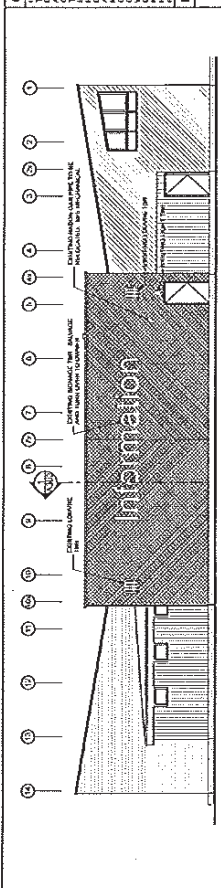
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GENERAL NOTES

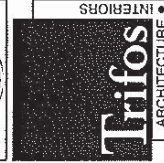
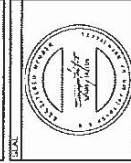
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1	ISSUED FOR CONSTRUCTION	10/1/17
2	REVISION	10/1/17
3	REVISION	10/1/17
4	REVISION	10/1/17
5	REVISION	10/1/17
6	REVISION	10/1/17
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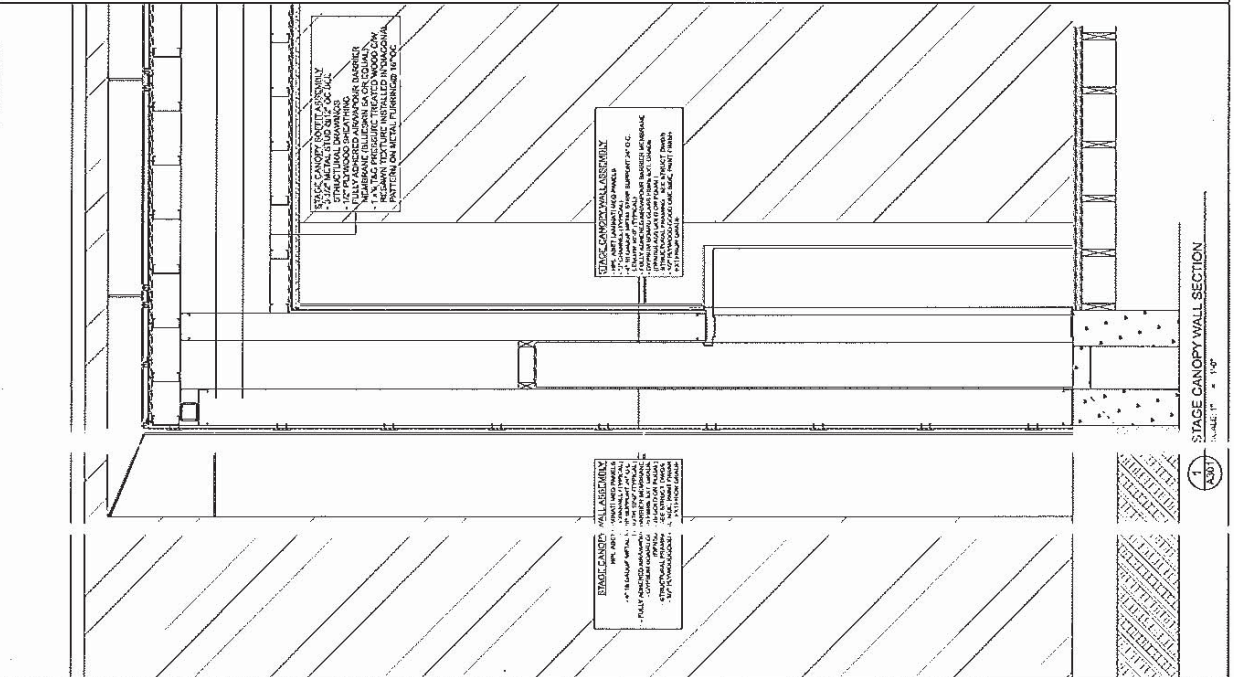
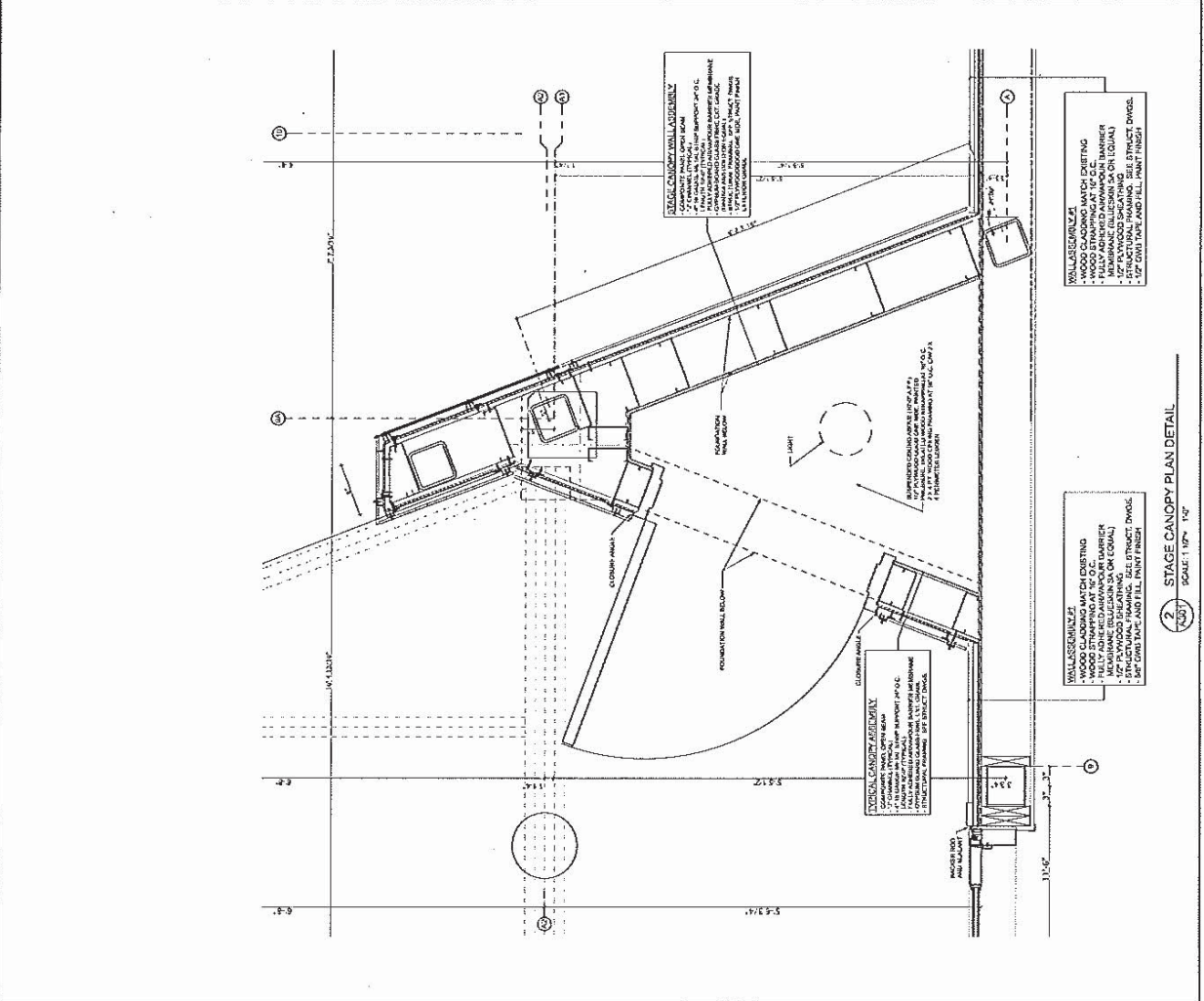


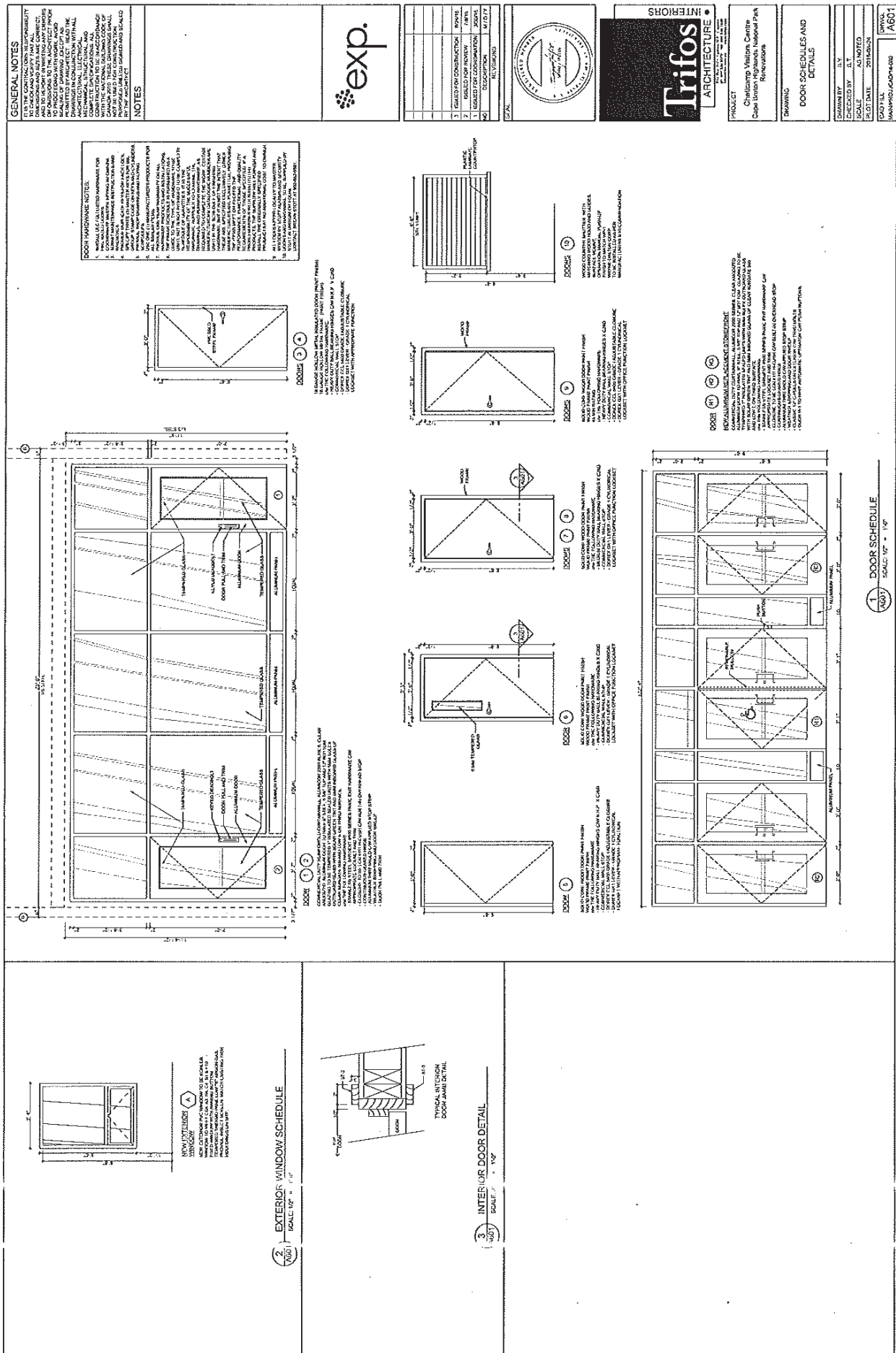
PROJECT
Cape Girardeau Veterans Center
Cape Girardeau, Missouri

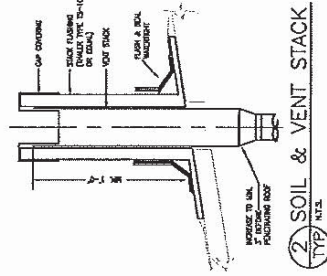
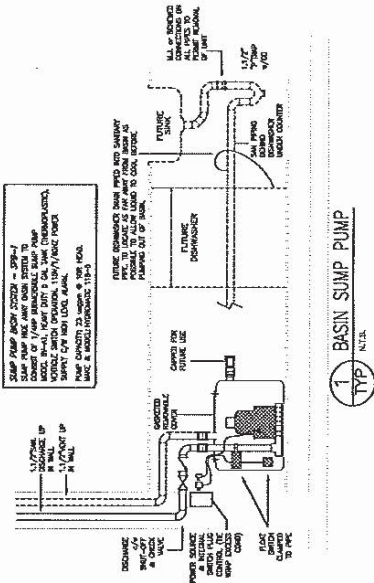
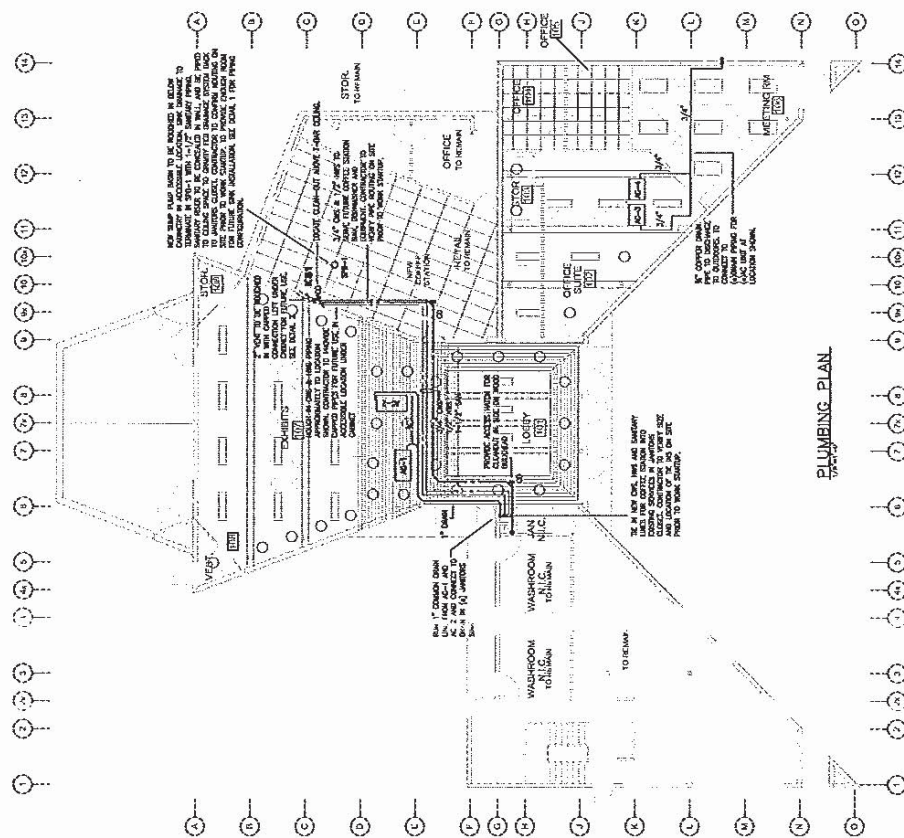
DRAWING
STAGE CANOPY DETAILS

DRAWN BY
CHECKED BY
SCALE
DATE

PROJECT NO.
DRAWING NO.







PLUMBING NOTES

1. ALL WORK DONE SHALL BE IN ACCORDANCE WITH THE MICHIGAN PLUMBING CODE, THE NATIONAL PLUMBING CODE AND LOCAL ORDINANCES.
2. CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS AND INSURANCE.
3. CONTRACTOR TO VERIFY THAT ALL WORK MEETS THE REQUIREMENTS OF PLUMBING CODES AND ALL APPLICABLE ORDINANCES.
4. MATERIALS, EQUIPMENT AND METHODS OF CONSTRUCTION ARE TO BE APPROVED BY THE CITY ENGINEER.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE AND FOR OBTAINING ALL NECESSARY APPROVALS THROUGH THE BUILDING AND FIRE DEPARTMENTS OF THE CITY OF DETROIT.
6. CONTRACTOR TO COMPLETED WORK APPROVED BY THE CITY ENGINEER.
7. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL WORK DONE.
8. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL WORK DONE.
9. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL WORK DONE.
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15. CONTRACTOR SHALL MAINTAIN RECORDS OF ALL WORK DONE.

PLUMBING FIXTURE SCHEDULE (FOR FUTURE USE)									
TAG	DESCRIP.	WTS./ MODEL	TRIM	WASTE	TRAP	STORES/ SUPPLIES	HANGER	PIPE SIZES IN INCHES	NOTES:
器具	SEWAGE PUMP SINK SINK SINK	FRANK/AMER 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"	1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2" 1/2" x 1/2" x 1/2"
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SYMBOL	DESCRIPTION	EXISTING
	DOMESTIC COLD WATER (CW)	
	DOMESTIC HOT WATER (HW)	
	SANITARY WASTE WATER (SW)	
	STORM WATER (SW)	
	SEWER (SW)	
	RAIN WATER (RW)	
	CLEAN WATER (CW)	
	FLOOR DRAIN (FD)	
	SINK, TOILET, TUBS, SHOWER (MST)	
	SHUT-OFF VALVE (SV)	
	CHECK VALVE (CV)	
	STRAINER (ST)	
	PRESS DRAIN 4" x 6" VALVE COOK (PD)	

GENERAL NOTES



F.C. O'Neill, Scriven
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Consulting Engineers
341 Thompson Road
Spring Hill, N.Y. 10977
Tel: (914) 361-1400
Telex: 661047

NO	DESCRIPTION	REV/DATE
1	ISSUE FOR 90% REVIEW	06/02/15
2	ISSUE FOR 90% REVIEW	07/29/15
3	ISSUE FOR 90% REVIEW	08/12/15
4	ISSUE FOR CONSTRUCTION	08/24/15



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ARCHITECTURE • INTERIORS

ARCHITECTURE ●

PROJECT
CHETICAMP VISITORS CENTRE
CAPE BULTON HIGHLANDS NATIONAL PARK
BRISBANE

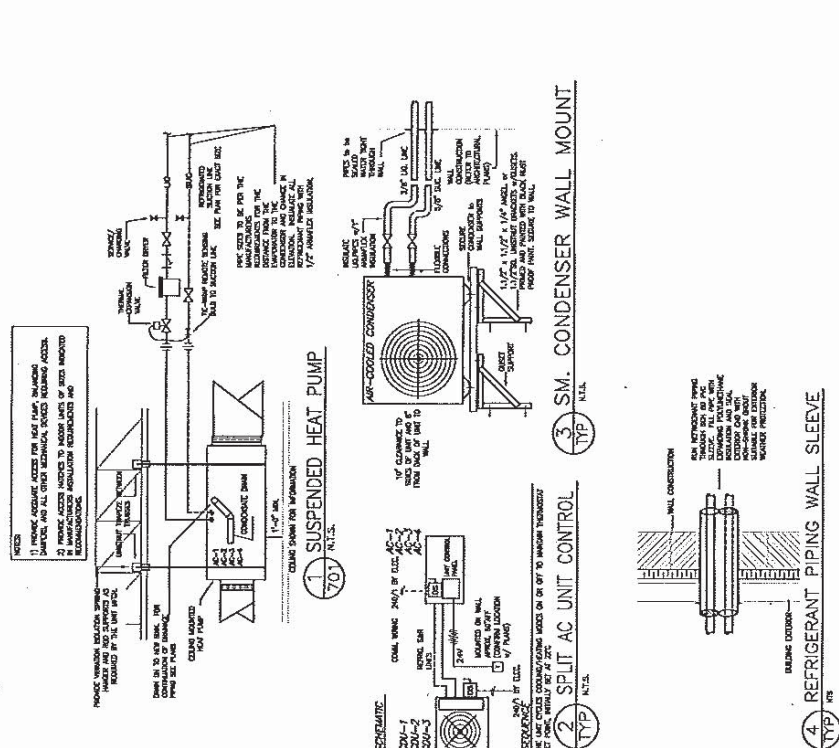
DRAWING
MECHANICAL:
PLUMBING PLAN

DRAWN BY	JML
CHECKED BY	CLP
SCALE	AS NOTED
PLOT DATE	AUGUST 24, 2015

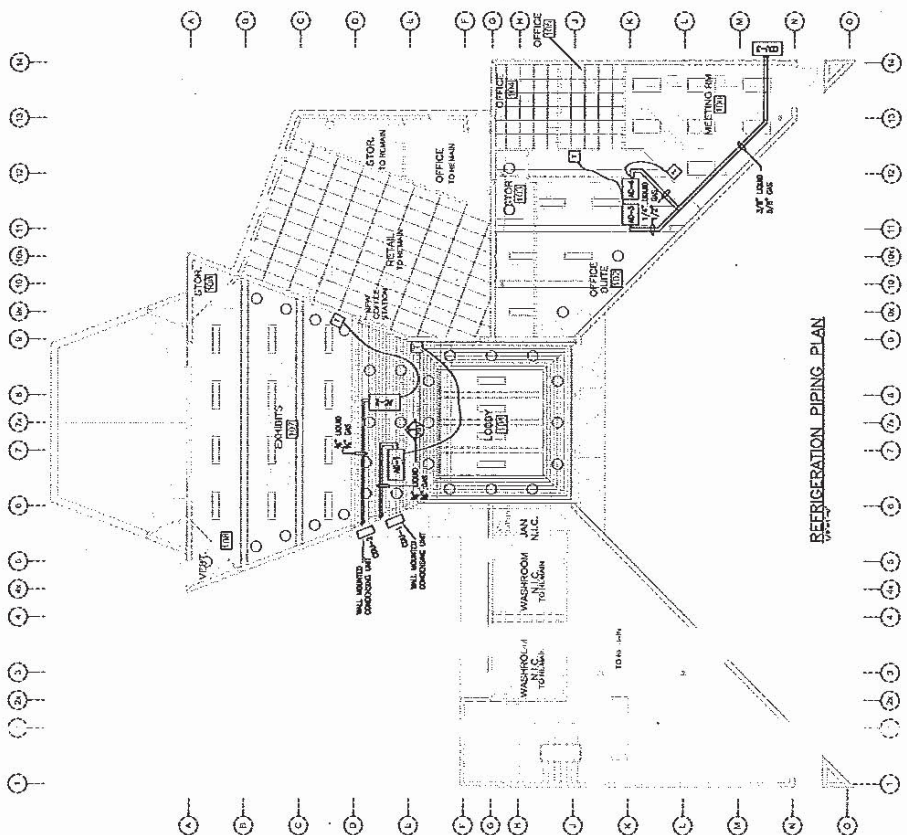
CAD FILE
ONSA-14622



PROJECT	CHETIGAMP VISITORS CENTRE CAP, BUNTON MEDICALS NATIONAL PARK MILWAUKEE, WISCONSIN			
DRAWING	MECHANICAL REFRIGERATION PIPING PLAN			
DRAWN BY	JMI	CHECKED BY	DJP	SCALE
			AS NOTED	PLOT DATE
			AUGUST 24, 2013	
CAD FILE		DESIGN	146022	ISSUED 701



INDOOR UNIT SCHEDULE									
TAG	SERIES	MANUF.	MODEL	COILING CAPACITY (BTU)	HEATING CAPACITY (BTU)	ASHP RANGE LOW-HIGH	SEER RATING DOCS (NOM)	POWER (V/PH)	NOTES
AC-1	LOBBY-101	MITSUBISHI	PDT-PHARMAC-13	30,000	40,000	110-116	3.7/4.7-6.7	240/1	3.3/2
AC-2	DOCKETS-107	MITSUBISHI	PDT-PHARMAC-13	40,000	54,000	110-142	3.7/4.7-6.7	240/1	3.4/1
AC-3	OFFICE	MITSUBISHI	PDT-PHARMAC-13	15,000	20,000	100-108	3.7/4.7-6.7	240/1	1.8/3
AC-4	MEETING ROOM 104	MITSUBISHI	PDT-PHARMAC-13	15,000	20,000	100-108	3.7/4.7-6.7	240/1	1.8/3
NOTES									
ABBREVIATIONS: DTK - DOWNSIDE WATER COOLING DTK - DOWNSIDE WATER COLUMN V/A - VOLTAGE/PHASE MCA - MINIMUM CIRCUIT CAPACITY									



OUTDOOR UNIT SCHEDULE									
TAG	SERVICING	MANUF.	MODEL	VOLUME COOLING CAPACITY (Tons)	VOLUME HEATING CAPACITY (Tons)	SPRING PANS (sq. ft.)	POWER		NOTES
							V/VA	W/K	
COU/1	LOWE'S	UNITROL	PAC-250000	34,000	34,000	378'-30"R	240V		
COU/2	SHWITZER-ESP	UNITROL	PAC-250000	34,000	34,000	378'-30"R	240V		
COU/3	ARMSTRONG	UNITROL	PAC-250000	34,000	34,000	378'-30"R	240V		

NOTES

ABBREVIATIONS:

ESP - ELECTRIC SERVICE REQUIRE
 W/K - MAXIMUM WATT CAPABILITY
 V/VA - VOLTAGE/PHASE
 W/K - MAXIMUM CIRCUIT CAPACITY

IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ALL NECESSARY PERMITS AND TO ENSURE THAT ALL WORK IS IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR ENSURING THAT ALL WORK IS IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR ENSURING THAT ALL WORK IS IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.



**F.C. O'Neill, Scriven
& Assoc's Limited**
Corollary Engineering
New Engineering Project
Special Service Section (101) 601
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	D	DESCRIPTION	REVISED
		ISSUE FOR CONSTRUCTION	06/29/13
		ISSUE FOR 99% REVIEW	08/02/13
		ISSUE FOR 90% REVIEW	07/29/13
		ISSUE FOR 90% REVIEW	06/05/13
			06/04/13



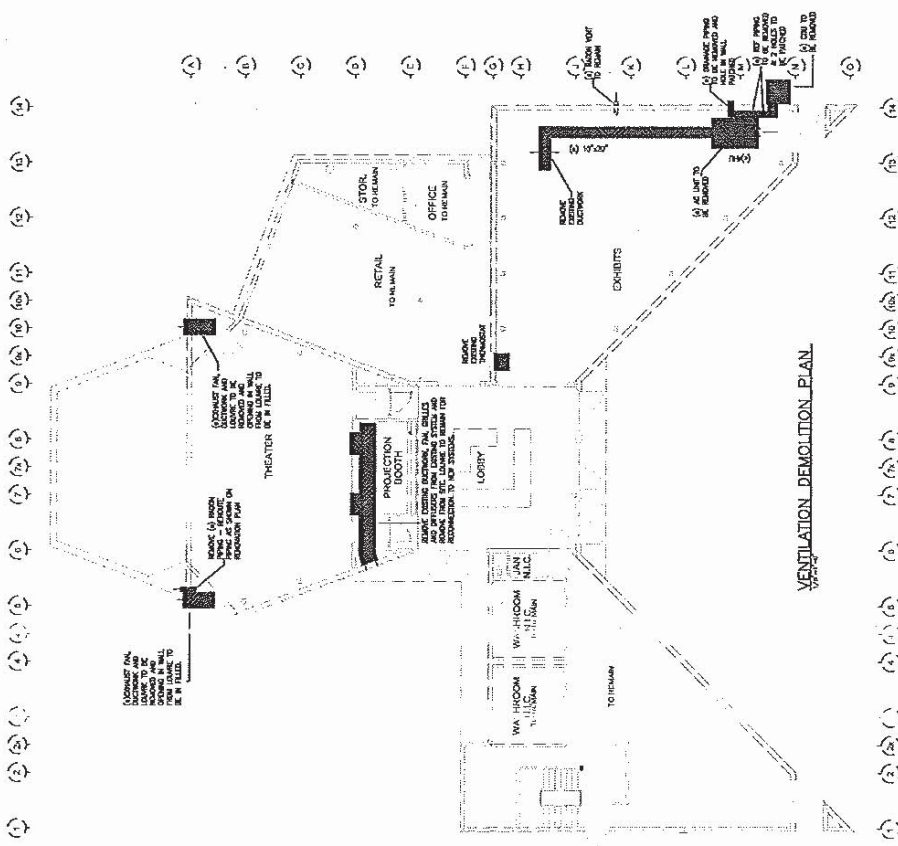
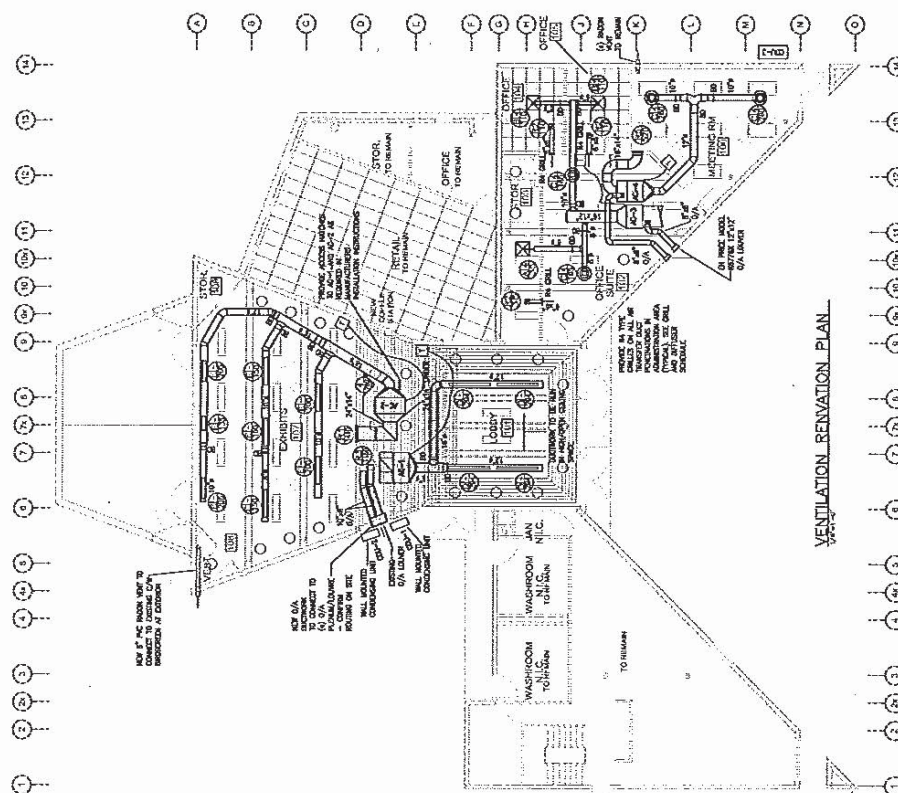
Trifos
ARCHITECTURE • INTERIORS

PROJECT
PHETICAMP VISITORS CENTRE
THE BRITISH HIGH AND NATIONAL PARK

MECHANICAL VENTILATION PLAN

RAVEN BY	JMI
RECEIVED BY	DLP
CALL	AS NOTED
LOY DATE	AUGUST 24, 2015

AD FILE
NSA-14622



SYMBOL	DESCRIPTION	NOTES	DETAILING
	BLOWING AIRWAY		
	DUCT OFFSET		
	DUCT UP (V/A)		
	DUCT DOWN (V/A)		
	DUCT DOWN (V/A or C/A)		
	DUCT WORK		
	V/A DEFLECTOR		
	V/A or C/A CHALK		
	INTERMIX/GRAVEL REDUCTION		
	COMPACTION SCHEDULE		

- [illegible]

TO BE THE CONSTRUCTION MANAGEMENT CO. TO CHECK AND VERIFY THAT ALL DIMENSIONS, MATERIALS, SIZES, AND CONNECTIONS TO THE EXISTING AND NEW LAUNCHES OR DIMENSIONS TO THE ARCHITECT, PRIOR TO PROCEEDING WITH CONSTRUCTION. ANOTHER SCALING OF DRAWINGS, COULD BE PERMITTED BY ARCHITECT, READ THE DIMENSIONS IN CONSULTATION WITH ALL ARCHITECTURAL, ELECTRICAL, MECHANICAL, PLUMBING, AND COMPLETE CONSTRUCTION TO ALL THE ARCHITECTS WITH THE NATIONAL BUILDING CODE OF CANADA 2010. THIS UNCHANGED SHALL NOT BE USED FOR CONSTRUCTION PURPOSES UNLESS ISSUED AND SIGNED BY THE ARCHITECT.



**F.C. O'Neill, Scriven
& Assoc's Limited**
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241 Thompson Street
Scriven House, Toronto, Ont. M5T 1A1
Tel. (416) 593-1211
Fax. (416) 593-1212

REVISIONS			DATE
NO.	DESCRIPTION	DATE	BY
1	ISSUE FOR CONSTRUCTION	08/24/10	
2	ISSUE FOR 90% REVIEW	08/24/10	
3	ISSUE FOR BAE REVIEW	07/20/10	
4	ISSUE FOR BAE REVIEW	09/02/10	



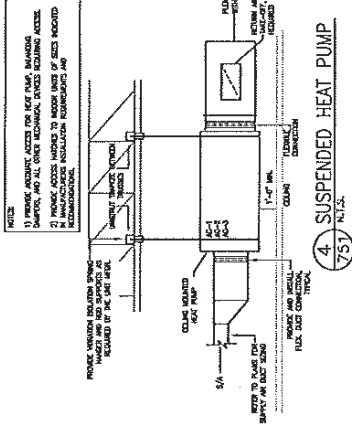
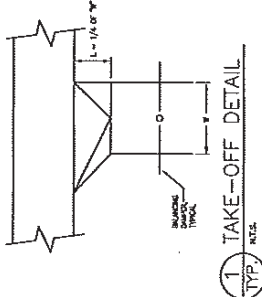
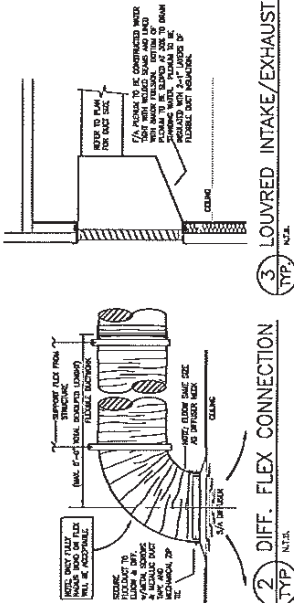
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Trifos
ARCHITECTURE
• INTERIORS

PROJECT
CHETICAMP VISITORS CENTRE
LAPE DISTRICT HIGHLAND NATIONAL PARK
HJ/MOVATIONSDRAWING
MECHANICAL:
VENTILATION SCHEDULES,
DETAILS, & CONTROLS

PROGRAM BY	JMI
CHECKED BY	DLP
SCALE	AS NOTED
PLOT DATE	AUGUST 24, 2015

DRAWING FILE
 WSA-14822
 752



DIFFUSER / GRILLE SCHEDULE					
DESIGNATION	MAFUSE	MODEL	NECK	FACE	COMMENTS
A	DI PRDCE	SCD	8"	24"x36"	1-SIDE LAF-8
B	DI PRDCE	SCD	8"	24"x36"	1-SIDE LAF-8
C	DI PRDCE	SCD	8"	24"x36"	CROSED
D	DI PRDCE	SCD	8"	24"x36"	CROSED
E	DI PRDCE	SCD	8"	24"x36"	CROSED
F1	DI PRDCE	SCD	15"x15"	48"x72"	1-SIDE LAF-15
F2	DI PRDCE	SCD	8"	24"x36"	TO MATCH CEILING TYPE
G1	DI PRDCE	SCD	8"	24"x36"	TO MATCH CEILING TYPE
G2	DI PRDCE	SCD	8"	24"x36"	TO MATCH CEILING TYPE
G3	DI PRDCE	SCD	8"	24"x36"	TO MATCH WALL TYPE
G4	DI PRDCE	SCD	8"	24"x36"	TO MATCH WALL TYPE
G5	DI PRDCE	SCD	15"x15"	15"x15"	TO MATCH WALL TYPE
ABBREVIATIONS: DI = DOWN AIR DUCTS, SC = SUPPLY AIR DUCTS, LAF = LEAF, CRO = CROSED, 1-SIDE = 1-SIDE, 2-SIDE = 2-SIDE, 4-SIDE = 4-SIDE, 8-SIDE = 8-SIDE, 15-SIDE = 15-SIDE, 24-SIDE = 24-SIDE, 36-SIDE = 36-SIDE, 48-SIDE = 48-SIDE, 72-SIDE = 72-SIDE, 96-SIDE = 96-SIDE, 144-SIDE = 144-SIDE, 192-SIDE = 192-SIDE, 240-SIDE = 240-SIDE, 288-SIDE = 288-SIDE, 336-SIDE = 336-SIDE, 384-SIDE = 384-SIDE, 432-SIDE = 432-SIDE, 480-SIDE = 480-SIDE, 528-SIDE = 528-SIDE, 576-SIDE = 576-SIDE, 624-SIDE = 624-SIDE, 672-SIDE = 672-SIDE, 720-SIDE = 720-SIDE, 768-SIDE = 768-SIDE, 816-SIDE = 816-SIDE, 864-SIDE = 864-SIDE, 912-SIDE = 912-SIDE, 960-SIDE = 960-SIDE, 1008-SIDE = 1008-SIDE, 1056-SIDE = 1056-SIDE, 1104-SIDE = 1104-SIDE, 1152-SIDE = 1152-SIDE, 1200-SIDE = 1200-SIDE, 1248-SIDE = 1248-SIDE, 1296-SIDE = 1296-SIDE, 1344-SIDE = 1344-SIDE, 1392-SIDE = 1392-SIDE, 1440-SIDE = 1440-SIDE, 1488-SIDE = 1488-SIDE, 1536-SIDE = 1536-SIDE, 1584-SIDE = 1584-SIDE, 1632-SIDE = 1632-SIDE, 1680-SIDE = 1680-SIDE, 1728-SIDE = 1728-SIDE, 1776-SIDE = 1776-SIDE, 1824-SIDE = 1824-SIDE, 1872-SIDE = 1872-SIDE, 1920-SIDE = 1920-SIDE, 1968-SIDE = 1968-SIDE, 2016-SIDE = 2016-SIDE, 2064-SIDE = 2064-SIDE, 2112-SIDE = 2112-SIDE, 2160-SIDE = 2160-SIDE, 2208-SIDE = 2208-SIDE, 2256-SIDE = 2256-SIDE, 2304-SIDE = 2304-SIDE, 2352-SIDE = 2352-SIDE, 2400-SIDE = 2400-SIDE, 2448-SIDE = 2448-SIDE, 2496-SIDE = 2496-SIDE, 2544-SIDE = 2544-SIDE, 2592-SIDE = 2592-SIDE, 2640-SIDE = 2640-SIDE, 2688-SIDE = 2688-SIDE, 2736-SIDE = 2736-SIDE, 2784-SIDE = 2784-SIDE, 2832-SIDE = 2832-SIDE, 2880-SIDE = 2880-SIDE, 2928-SIDE = 2928-SIDE, 2976-SIDE = 2976-SIDE, 3024-SIDE = 3024-SIDE, 3072-SIDE = 3072-SIDE, 3120-SIDE = 3120-SIDE, 3168-SIDE = 3168-SIDE, 3216-SIDE = 3216-SIDE, 3264-SIDE = 3264-SIDE, 3312-SIDE = 3312-SIDE, 3360-SIDE = 3360-SIDE, 3408-SIDE = 3408-SIDE, 3456-SIDE = 3456-SIDE, 3504-SIDE = 3504-SIDE, 3552-SIDE = 3552-SIDE, 3600-SIDE = 3600-SIDE, 3648-SIDE = 3648-SIDE, 3696-SIDE = 3696-SIDE, 3744-SIDE = 3744-SIDE, 3792-SIDE = 3792-SIDE, 3840-SIDE = 3840-SIDE, 3888-SIDE = 3888-SIDE, 3936-SIDE = 3936-SIDE, 3984-SIDE = 3984-SIDE, 4032-SIDE = 4032-SIDE, 4080-SIDE = 4080-SIDE, 4128-SIDE = 4128-SIDE, 4176-SIDE = 4176-SIDE, 4224-SIDE = 4224-SIDE, 4272-SIDE = 4272-SIDE, 4320-SIDE = 4320-SIDE, 4368-SIDE = 4368-SIDE, 4416-SIDE = 4416-SIDE, 4464-SIDE = 4464-SIDE, 4512-SIDE = 4512-SIDE, 4560-SIDE = 4560-SIDE, 4608-SIDE = 4608-SIDE, 4656-SIDE = 4656-SIDE, 4704-SIDE = 4704-SIDE, 4752-SIDE = 4752-SIDE, 4800-SIDE = 4800-SIDE, 4848-SIDE = 4848-SIDE, 4896-SIDE = 4896-SIDE, 4944-SIDE = 4944-SIDE, 4992-SIDE = 4992-SIDE, 5040-SIDE = 5040-SIDE, 5088-SIDE = 5088-SIDE, 5136-SIDE = 5136-SIDE, 5184-SIDE = 5184-SIDE, 5232-SIDE = 5232-SIDE, 5280-SIDE = 5280-SIDE, 5328-SIDE = 5328-SIDE, 5376-SIDE = 5376-SIDE, 5424-SIDE = 5424-SIDE, 5472-SIDE = 5472-SIDE, 5520-SIDE = 5520-SIDE, 5568-SIDE = 5568-SIDE, 5616-SIDE = 5616-SIDE, 5664-SIDE = 5664-SIDE, 5712-SIDE = 5712-SIDE, 5760-SIDE = 5760-SIDE, 5808-SIDE = 5808-SIDE, 5856-SIDE = 5856-SIDE, 5904-SIDE = 5904-SIDE, 5952-SIDE = 5952-SIDE, 6000-SIDE = 6000-SIDE, 6048-SIDE = 6048-SIDE, 6096-SIDE = 6096-SIDE, 6144-SIDE = 6144-SIDE, 6192-SIDE = 6192-SIDE, 6240-SIDE = 6240-SIDE, 6288-SIDE = 6288-SIDE, 6336-SIDE = 6336-SIDE, 6384-SIDE = 6384-SIDE, 6432-SIDE = 6432-SIDE, 6480-SIDE = 6480-SIDE, 6528-SIDE = 6528-SIDE, 6576-SIDE = 6576-SIDE, 6624-SIDE = 6624-SIDE, 6672-SIDE = 6672-SIDE, 6720-SIDE = 6720-SIDE, 6768-SIDE = 6768-SIDE, 6816-SIDE = 6816-SIDE, 6864-SIDE = 6864-SIDE, 6912-SIDE = 6912-SIDE, 6960-SIDE = 6960-SIDE, 7008-SIDE = 7008-SIDE, 7056-SIDE = 7056-SIDE, 7104-SIDE = 7104-SIDE, 7152-SIDE = 7152-SIDE, 7200-SIDE = 7200-SIDE, 7248-SIDE = 7248-SIDE, 7296-SIDE = 7296-SIDE, 7344-SIDE = 7344-SIDE, 7392-SIDE = 7392-SIDE, 7440-SIDE = 7440-SIDE, 7488-SIDE = 7488-SIDE, 7536-SIDE = 7536-SIDE, 7584-SIDE = 7584-SIDE, 7632-SIDE = 7632-SIDE, 7680-SIDE = 7680-SIDE, 7728-SIDE = 7728-SIDE, 7776-SIDE = 7776-SIDE, 7824-SIDE = 7824-SIDE, 7872-SIDE = 7872-SIDE, 7920-SIDE = 7920-SIDE, 7968-SIDE = 7968-SIDE, 8016-SIDE = 8016-SIDE, 8064-SIDE = 8064-SIDE, 8112-SIDE = 8112-SIDE, 8160-SIDE = 8160-SIDE, 8208-SIDE = 8208-SIDE, 8256-SIDE = 8256-SIDE, 8304-SIDE = 8304-SIDE, 8352-SIDE = 8352-SIDE, 8400-SIDE = 8400-SIDE, 8448-SIDE = 8448-SIDE, 8496-SIDE = 8496-SIDE, 8544-SIDE = 8544-SIDE, 8592-SIDE = 8592-SIDE, 8640-SIDE = 8640-SIDE, 8688-SIDE = 8688-SIDE, 8736-SIDE = 8736-SIDE, 8784-SIDE = 8784-SIDE, 8832-SIDE = 8832-SIDE, 8880-SIDE = 8880-SIDE, 8928-SIDE = 8928-SIDE, 8976-SIDE = 8976-SIDE, 9024-SIDE = 9024-SIDE, 9072-SIDE = 9072-SIDE, 9120-SIDE = 9120-SIDE, 9168-SIDE = 9168-SIDE, 9216-SIDE = 9216-SIDE, 9264-SIDE = 9264-SIDE, 9312-SIDE = 9312-SIDE, 9360-SIDE = 9360-SIDE, 9408-SIDE = 9408-SIDE, 9456-SIDE = 9456-SIDE, 9504-SIDE = 9504-SIDE, 9552-SIDE = 9552-SIDE, 9600-SIDE = 9600-SIDE, 9648-SIDE = 9648-SIDE, 9696-SIDE = 9696-SIDE, 9744-SIDE = 9744-SIDE, 9792-SIDE = 9792-SIDE, 9840-SIDE = 9840-SIDE, 9888-SIDE = 9888-SIDE, 9936-SIDE = 9936-SIDE, 9984-SIDE = 9984-SIDE, 10000-SIDE = 10000-SIDE					

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