

HALIFAX REGIONAL SCHOOL BOARD
in Partnership with The Halifax Regional Municipality
PARKS FACILITY DEVELOPMENT

Tender # 3670

Holland Rd School Playground Equipment SUPPLY AND INSTALLATION

CLOSING DATE: June 13, 2014
CLOSING TIME: 2:00:00 P.M.
CLOSING LOCATION: 33 Spectacle Lake Drive
Dartmouth NS B3B 1X7

HRSB CONTACT:

Deborah Beck, Buyer
Phone: (902) 464-2000 #2011
Email: dbeck@hrsb.ca

HRM PROJECT MANAGER:

Steve Oakey
Phone (902) 490-4746
Email: oakeys@halifax.ca

Download tender documents from HRSB website: <http://www.hrsb.ns.ca/tools/tenders/listing.aspx>
OR view at CANS website: <http://www.cans.ns.ca/>

A Mandatory Pre-bid meeting will be held TUESDAY, JUNE 10, 2014, 3:00pm at Holland Road Elementary School, 181 Holland Road, Fletchers Lake NS B2T 1A1.

The contract documents for this quotation, in order of precedence, are as follows:

- Supplementary Terms and Conditions
- General Requirements - Specified Price Tender
- Instruction to Bidders
- General Specifications
- Works and Specifications
- Details
- Form of tender
- Contractor Safety Management Policy
- Substance Abuse Prevention Policy
- Appendix "B" Health and Safety Questionnaire

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HRSB/HRM

Holland Road School Playground Equipment SUPPLY AND INSTALLATION

Tender # 3670

Prices are requested for the supply and installation of **ONE (1) NEW PLAY STRUCTURE** at **Holland Road School, 181 Holland Road Fletcher Lake** as detailed later in these specifications.

A) GENERAL SPECIFICATIONS

1) NAMES OF PARTIES

The Owner under the terms of this Contract is the Halifax Regional Municipality in partnership with Halifax Regional School Board.

The Contractor under the terms of this Contract is the person or firm or Company whose tender has been accepted by the Owner and includes the Contractor's successors and permitted assigns.

The Project Manager under the terms of this Contract is the assigned HRM parks capital projects representative.

HRSB under the terms of this Contract means the Halifax Regional School Board.

2) FORM OF CONTRACT

The Contract shall be as per terms and conditions of this specification and associated drawings and documents.

3) DESCRIPTION OF SITE

The site is located at **181 Holland Road, Fletchers Lake**

It is recommended that tenderers visit the site in order to satisfy themselves as to the following:

- .1) Means of access to the site;
- .2) General location of the work area and of working and storage space available;
- .3) Conditions which may prevail on or adjacent to the site during construction;
- .4) Adjoining private/City fences, trees/shrubs, concrete/asphalt walkways; overhead and

underground services, lawn areas, etc. which require protection during the progress of the works. Care must be taken to avoid disturbing these sites.

It is the Contractor's responsibility to arrange for all required utility locates at each respective site within this Contract. Cost to repair all damages to any utility caused by the Contractor through the execution of this Contract shall be borne by said Contractor.

- .5) Facilities to be provided for other contractors or workers of the Owner who may be employed during the progress of the works;
- .6) Surface condition and the nature of the ground and subsurface.

No allowance beyond the Contract Sum will be made for any alleged ignorance in respect of these matters.

4) PROGRAMME OF OPERATIONS

- .1) Project must be substantially complete within 10 weeks of receipt of purchase order, unless otherwise stipulated in writing.

Substantial Completion has been reached: *“when the Work is ready for safe use or is being used for the purpose intended and has been accepted as such (in writing) by the Project Manager.”*

- .2) The pre-construction meeting is mandatory. Construction cannot commence until the pre-construction meeting has been held.
- .3) Possession of the site will be given to the Contractor at the commencement of construction and remain until construction is complete.
- .4) A \$500.00/day penalty will be deducted from the contract price for each day the project extends beyond the stipulated substantial completion date. Delays in shipping any components required for the completion of the project will not be considered as a legitimate reason for delay.
- .5) All of the above works shall proceed only during good weather conditions. The Project Manager reserves the right to stop all work during periods of inclement weather. In the event of work stoppage, or approved change orders (see sections 5 and 6 below), the stipulated completion date may be adjusted accordingly and agreed revised date provided in writing.

5) WORK STOPPAGE

- .1) In the event of inclement weather resulting in a work stoppage and anticipated need for substantial completion date extension, the Contractor shall notify the Project Manager in writing (fax, e-mail, mail) of the delay a minimum of 24 hours before the original substantial completion date. Written approval of the extension by the Project Manager must be obtained. In no case will a work stoppage be accepted as a basis for extra payment.

6) CHANGE ORDERS

- .1) Procedure for contemplated change order is as follows:
- a) Site meeting (if required) is arranged between Contractor and Project manager.
 - b) Contractor submits (in writing) a breakdown of additional costs or credit (if any) and anticipated extension of substantial completion date to the Project Manager for written approval.
 - c) Change order work cannot proceed until written approval is received.

7) GUARANTEE

- .1) The Contractor shall guarantee the Works and materials for a period of **two (2) years** from the day following substantial completion.
- .2) Deficiencies, as determined by the Project Manager, shall be corrected and/or replaced by the Contractor during this period. This would include but not be limited to deficiencies in material, and workmanship. Sod maintenance is **not** included. No payment by the Project Manager shall constitute a waiver of the two year guarantee.
- .3) Neither the final certificate nor payment nor any provisions in the Contract shall relieve the Contractor of responsibility for negligence or faulty materials or workmanship within the extent and period provided by law.

8) PROTECTION

The Contractor must protect, uphold and maintain all existing pipes, ducts, sewers, service mains, overhead and underground cables, fencing, asphalt/concrete walkways, etc. during the execution of the works.

9) CLEAN SITE

The Contractor shall remove debris during the course of the works and shall leave the site free of all debris of excess materials upon completion of the works. All adjacent pathways and roads shall be kept free from the accumulation of all deleterious material through the construction period.

10) PAYMENT

- .1) This is a **Lump Sum** contract. Payment shall not be made until **Final Completion** of the work (in accordance with the specifications). Final Completion has been reached ***“when the works are 100% complete with no deficiencies and the Project Manager has accepted this in writing.”***
- .2) Release of funds will be dependent upon receipt of the following by the Project Manager:

- .1) a letter on appropriate company stationary stating that all play equipment supplied and installed under this Contract is in compliance with CSA document, "Children's Playspaces and Equipment"; **CAN/CSA-Z614-14**, or the most recent edition of the same;
- .2) an assembly/maintenance 'tool kit' for the specified play equipment;
- .3) an assembly instructions/manual for the specified play equipment.

11) STORAGE OF MATERIALS AND EQUIPMENT

Materials and/or equipment are to be stored and maintained in an orderly manner satisfactory to the Project Manager during the progress of the work and shall be removed from the site immediately upon completion of the job or when ordered to do so by the Manager. The Contractor shall be responsible for damage to and damage caused by any equipment the contractor leaves on site during the construction period.

12) MATERIALS - EQUIPMENT ETC.

Unless otherwise stipulated, the Contractor shall provide and pay for all materials, labour, water, tools, equipment, light, power, transportation and any other goods or services necessary for the execution and satisfactory completion of the work.

13) PERMITS/APPROVALS

All permits/licences etc. necessary for carrying out the works shall be secured and paid for by the Contractor unless otherwise stipulated.

14) SAFETY REQUIREMENTS AND REGULATIONS

In accordance with the Nova Scotia Department of Labour's Health and Safety Act and Regulations, the HRM reserves the right to suspend works should the Project Manager find the Contractor in violation of any applicable construction safety codes, or in the opinion of the Project Manager is otherwise jeopardizing site safety in any manner. The Contractor, however, remains responsible for maintaining safe work practises and site safety whether the Project Manager is present or not.

15) SITE SECURITY

- .1) The Contractor is to wrap equipment with plastic snow fencing at the end of each working day during construction.
- .2) The Contractor is to install and maintain construction area perimeter fencing consisting of steel T-Bar posts and plastic snow fencing, throughout the construction period.
- .3) The Contractor is to ensure no excavated holes are to be left open at the end of each day.

- .4) The Contractor is to install and maintain site signage in a visible location during the course of construction (see dwg. L-5).

16) ORDER OF PRECEDENCE

In the event of any conflicts or inconsistencies in the provisions of the plans and specifications of this document, such provisions shall take precedence and govern in the following order:

1. Purchase Order
2. Addenda (where issued)
3. Special Provisions and/or General Requirements
4. Contract Drawings
5. HRM Standard Specifications and Standard Drawings
6. Bid Sheet

17) PROJECT CONTACT

The Holland Road School Playground Equipment Project Manager is *Steve Oakey at Parks Facility Development, HRM 490-4746.*

Specifications, Form of Quotation, and all other pertinent documents may be downloaded from the HRSB website:

<http://www.hrsb.ns.ca/tools/tenders/listing.aspx> OR at the CANS (Construction Association of Nova Scotia).

A **mandatory** pre-construction meeting will be held after contract is awarded at a date stipulated by the Project Manager.

B) WORKS SPECIFICATIONS

1) **SITE WORK**

Work to include the supply of all material labour and equipment to prepare the site for playground installation and surfacing. Works to include:

- the removal from site of any unsuitable material that cannot be used through the course of the work.
- Grub off turf areas and prepare a level pad for installation of equipment, timber retainer and pea stone.
- Grub off area between existing swing and new equipment approx. 6ft wide.

See Drawing L-1 Site Plan for layout of equipment.

2) **PLAY EQUIPMENT INSTALLATION**

GENERAL

The following notes pertain to all play equipment specified within this Contract:

- .1) All play equipment specified within this Contract shall be new and of top quality and must meet the C.S.A. document, "Children's Playspaces and Equipment", (CAN - CSA Z 614 - 14), or the most recent edition/revisions of the same. Installation must meet manufacturer's specifications and conform to **CAN/CSA-Z614-14**, or the most recent edition/revisions of the same.
- .2) All components comprising the units shall be installed plumb and true. Components failing to meet these criteria must be properly reinstalled at no additional cost to this Contract.
- .3) The layout of the proposed play structure and timber edging must observe the Protective Surfacing and No-Encroachment Zones, as stipulated within CSA document "Children's Playspaces and Equipment"; **CAN/CSA-Z614-14**, or the most recent addition/revision of the same.
- .4) **Footings:** Concrete or 'sled system' footings are acceptable provided they meet the manufacturer's specifications for the proposed equipment and **CAN/CSA-Z614-14** standards or most recent edition/revision of same.
 1. All sled materials including welded joints to be primed. A minimum of 80 percent of each post shall sit directly on skid with a continuous bead of weld around 80 percent of the circumference of the posts (skid shall be constructed of a minimum of 5 " channel and shall be continuously welded along complete joint when adjoining pieces)

2. Inspection of play structure by the project manager is required prior to surfacing installation to ensure these requirements are met.
- .5) Layout of equipment shall be approved by the Project Manager on site before installation is to proceed.
- .6) Play Structure Components

The Contractor shall supply and install a play structure containing components and component construction materials that meet or exceed:

Miracle Playground Equipment Models:

Jax Web 477-210
13' Geodesic Climber Mira 402-2
Pirouette593-U-201 RED (two Required)

Refer to drawing package for layout and component information.

- .7) **Approved 'alternates'**
 - .1) All quotations in which equipment alternates are proposed **must** be accompanied by manufacturer's literature describing the equipment in detail. The Project Manager reserves the right to accept or reject the proposal.
 - .2) Note: Deck heights and dimensions of all proposed equivalent equipment must meet or exceed that of the specified equipment.
- .8) Upon completion of all play equipment installation the following shall be provided to the Project Manager:
 - .1) An **assembly/maintenance tool kit** for adjustment and repair
 - .2) An **assembly manual** for the specified play equipment.

The supply and installation of all specified play equipment and documents is to be included within the Contractor's respective itemized Bid Price.

3) FILTER FABRIC

Contractor is to apply a non-woven geotextile filter fabric (min. 12" overlap at joints) over the entire finish subgrade of protective surface area. Geotextile filter fabric to be Terrafix 270R, nonwoven (or approved equal). Fabric is to be fastened as per dwg. **L-4**. Lapped joints to be fastened together with cable ties (Gardner Bender double lock standard ties- or approved equal), 1/16" thickness with min. 75 lb. tensile strength. Ties to be fastened through slits cut in both layers of fabric at 3' intervals along each joint. Each tie to have excess tie removed leaving 1/2" excess.

4) **TIMBER EDGING** (see dwg. L-4)

.1 The Contractor is responsible for supplying all labour, materials and equipment necessary to install timber edging at outside edge of designated protective surface area. This will be laid out on site by Contractor in compliance with CSA requirements for approval by Project Manager. **NO TIMBER EDGING IS TO BE INSTALLED BEFORE PLAYGROUND EQUIPMENT INSTALLATION.**

Timber edging is to be backfilled by a min of 6" and the grade blended smoothly to meet adjacent grades. All turf areas to be reinstated with sod.

5) **PEASTONE**

.1) The Contractor is to supply and install a minimum depth of peastone of **10"** or greater, as determined by the Contractor to comply with **CAN/CSA-Z614-07**, or the most recent addition/revision of the same.

.2) The peastone shall be 3/8" dia., **double washed**, rounded stone, free of sharps. The Project Manager reserves the right to reject any stone which he/she deems not suitable.

6) **CRUSHER DUST**

Works to include the supply of all labour material and equipment to place 4" of crushed stone and 2" of crusher dust between the new playground the existing swing as illustrated on L-1 Site Plan. Blend edges to meet smoothly with adjacent grades.

7) **SITE REINSTATEMENT / CLEAN UP**

.1) The Contractor shall keep the construction area as clean and tidy as possible during construction.

.2) The Contractor shall take all necessary action to prevent inconveniences to nearby residents, and park patrons, and to control dust from construction by cleaning mud/dirt from the road and sidewalks as required.

.3) All existing roadways, driveways, sidewalks, grassed areas, street signs and utilities which are disturbed as a result of the undertaking of this Contract, must be reinstated to their original condition or better, unless otherwise specified.

.4) On completion of the work, the Contractor shall remove all temporary signs, barriers, etc., and leave the site in a neat and tidy condition, free from debris, refuse and mud, to the satisfaction of the Project Manager.

.5) All turf areas on site disturbed by the Contractor through the execution of this Contract are to be restored by the placement of min. depth of 4" topsoil and nursery sod at the Contractor's expense.

.6) All disturbed areas to be graded to blend smoothly and naturally with adjacent grades.

The cost for the reinstatement of all disturbed areas as described herein is to be included within the Contractor Bid Price unless otherwise stated.

8) DRAWING PACKAGE

The following drawings shall form part of this contract.

<u>Drawing No.</u>	<u>Drawing Name</u>
L - 1	Site Plan
L - 2	Equipment Layout
L - 3	Perspective
L - 4	Timber Edge
L - 5	Site Signage

**Holland Road SCHOOL PLAYGROUND
PLAY EQUIPMENT SUPPLY AND INSTALLATION**

**Tender # 3670
Bid Sheet**

COMPANY NAME _____

COMPANY CONTACT NAME _____

CONTACT PHONE NUMBER _____ EMAIL ADDRESS _____

Indicate Earliest Start Date (For Evaluation) _____

Deborah Beck, Buyer
Halifax Regional School Board
Procurement Division
33 Spectacle Lake Drive
Dartmouth, Nova Scotia
B3B 1X7

Dear Madame:

Having examined the drawings and specifications for the **Holland Road School Playground**, as well as site conditions affecting the work, the undersigned offers to furnish all labour and materials required for a complete job in accordance with the said documents at a price as follows;

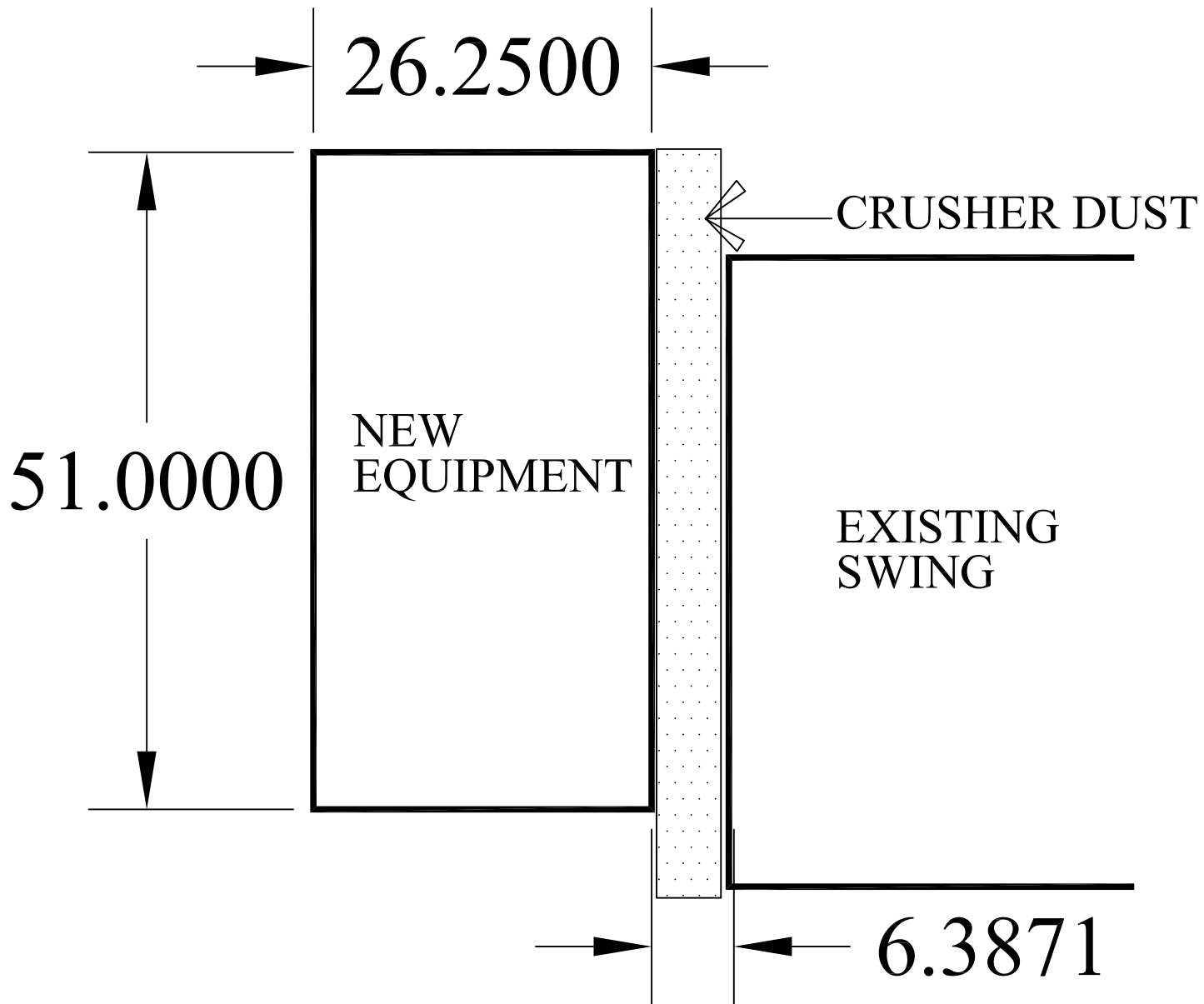
This is a Lump Sum Contract.

The HRM reserves the right to accept all or any combination of itemized bid prices and/or increase or reduce quantities within each contractors bid price. The HRM will not combine bids from other bidders but may choose to carry out work using its own forces and Standing Orders and /or substitute its own materials.

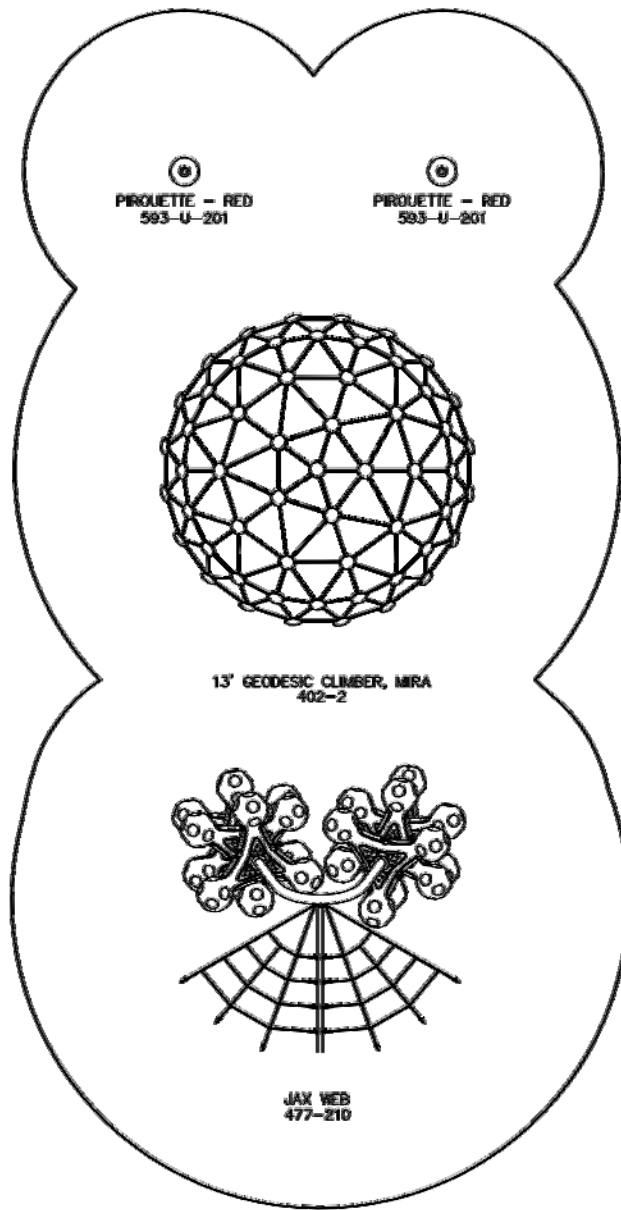
Total Lump Sum Price \$ _____

HST (15%) \$ _____

TOTAL CONTRACT PRICE \$



HOLLAND ROAD
PLAYGROUND 2014
L-1 SITE PLAN

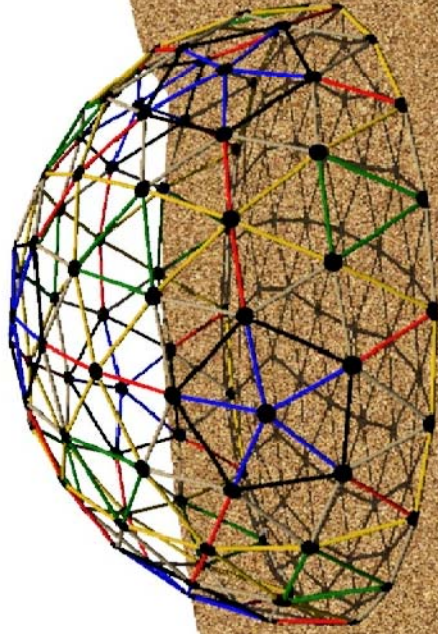
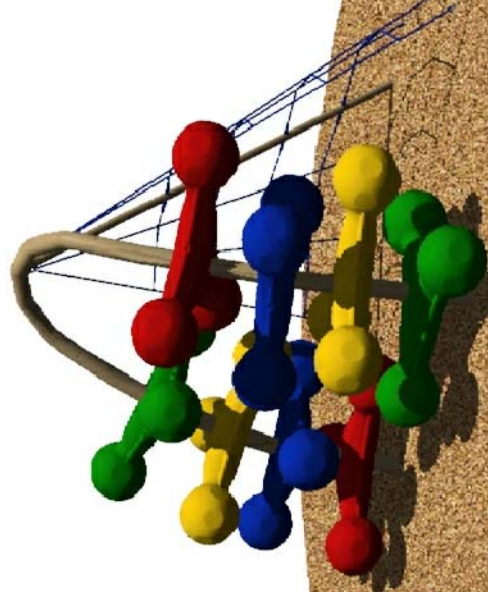


L-2 EQUIPMENT LAYOUT

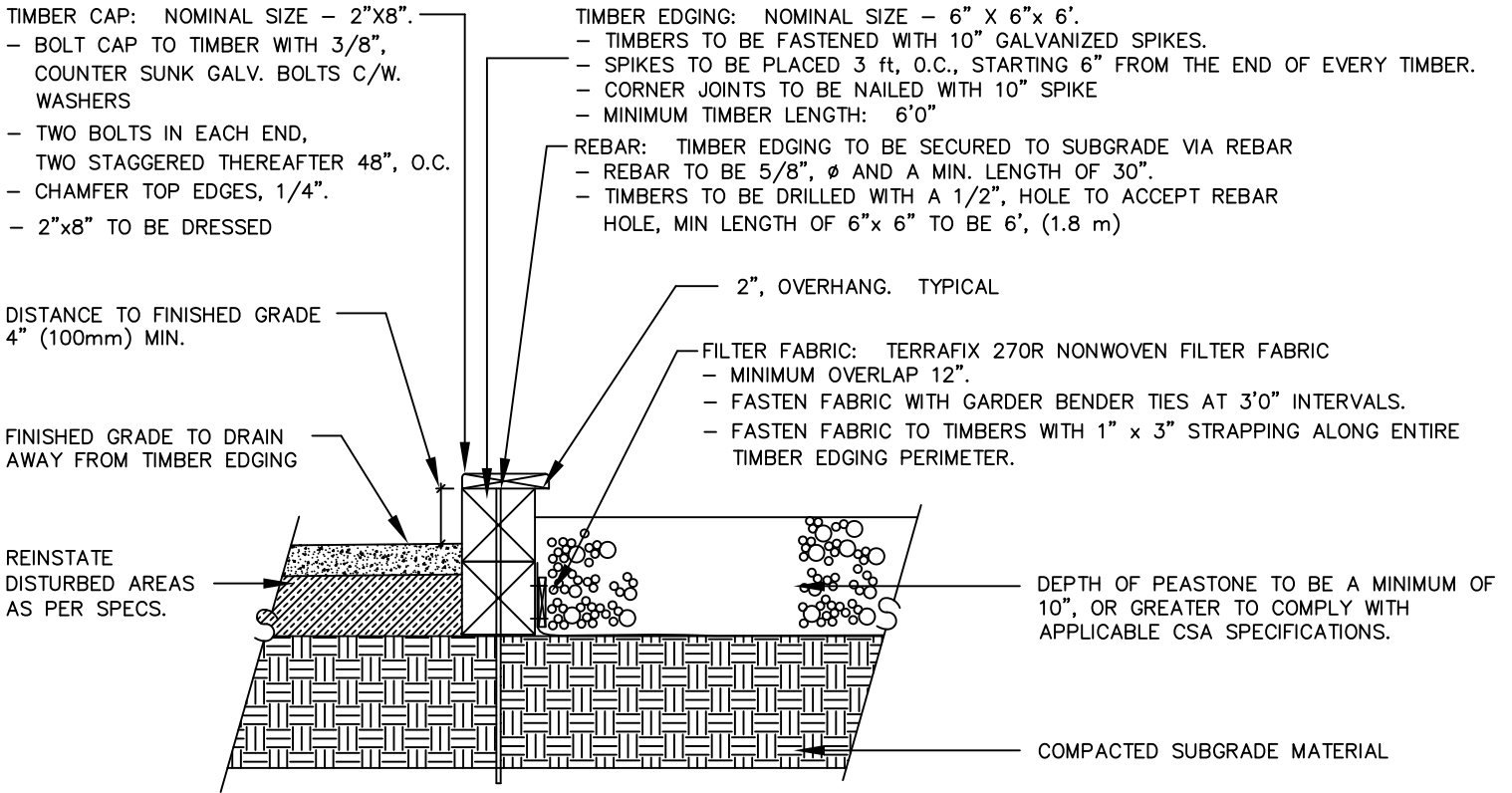


HOLLAND ROAD WAVERLEY, NS		MIRACLE RECREATION EQUIPMENT CO.	
		878 HWY 60 MONETT, MO 65708	
GROUND SPACE	38'3" X 13'3"	PHONE NO.	417-235-6817
		FAX NO.	417-235-6816
PROTECTIVE AREA	51' X 26'3"	DRAWN BY	DATE
SCALE	1/8" = 1'	KPARKER	4/10/2014





L-3 PERSPECTIVE



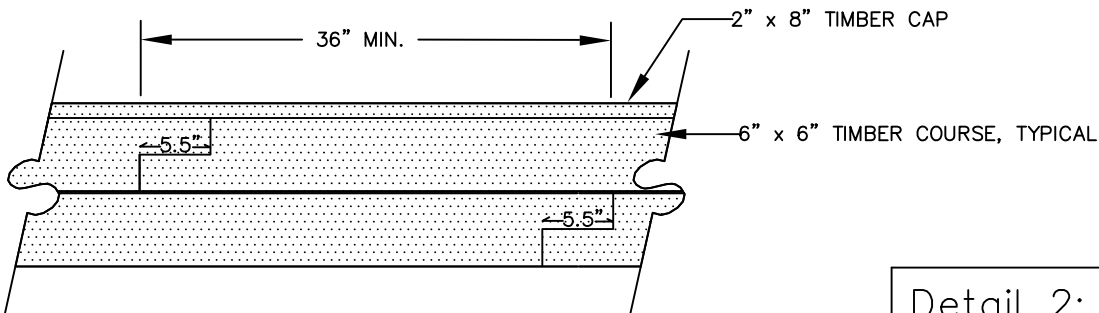
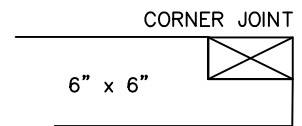
NOTES:

- 1) ALL TIMBER MATERIAL TO BE TREATED WITH 'Copper Azole Type B (CA-B)' PRESERVATIVE, OR APPROVED ALTERNATE.
 - 2) ALL TIMBER EDGING COMPONENTS TO BE INSTALLED LEVEL ALONG THEIR ENTIRE LENGTHS.
 - 3) ALL CUTS TO TIMBERS SHALL BE COMPLETED NEAT AND PLUMB. ADJACENT TIMBER EDGES TO BUTT TOGETHER FLUSH WITH A MAXIMUM GAP OF 1/8". CHAIN SAW CUTS ARE NOT ACCEPTABLE
 - 4) ALL CORNERS TO BE LAP JOINTED, SEE CORNER JOINT BELOW.
 - 5) DEPTHS INDICATED FOR CRUSHERDUST PATH ARE COMPACTED DEPTHS.
- 2/8 CAP TO HAVE EQUAL ANGLES AT CORNERS, BUT JOINTS NOT ACCEPTABLE

Detail 1: Side Elevation

NOTES:

- 1) ALTERNATE JOINTS BETWEEN COURSES MINIMUM 36" APART.




Detail 2: Front Elevation

Project		 HALIFAX REGIONAL MUNICIPALITY <i>Park Planning & Development</i>	
Title Timber Edging	Scale N.T.S.		
Proj. No.	Date	Approved by:	L-4



1. Contractor is responsible to ensure that a minimum of two signs are clearly visible on site at all times
2. Signs are to be manufactured from a durable, reusable material. Material is subject to the Project Manager's approval

Project *PROJECT NAME*			 HALIFAX REGIONAL MUNICIPALITY <i>Parks Facility Development</i>
Title Security Signage	Scale N.T.S.	Drawn by: gvy	
Proj. No.	Date June 2010	Approved by:	L-5