

DEPARTMENT INPUT
CONSTRUCTION CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

Check applicable Ordinance(s): 90-143 Responsible Wage and Benefits 03-237 (formerly 03-1) Community Workforce Program

PROJECT INFORMATION See attachment

Contract/Project/*Work Order No.: SA051616NCFEN

*Reference corresponding project number when submitting a work order

Contract/Project Title: New Fence for Playground at North County HS

Description/Scope of Work: Install new safety fencing around Head Start Playground

Estimated Cost: 16,000.00 Funding Source: Federal Funds/Head Start

Location of Project (street address or beginning and ending points) i.e. 12345 NE 23rd Ct or Starts at 135 St. ends at 145 St.
3201 NW 207 ST MIAMI GARDENS FL 33056

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CWP) See attachment

Engineer/Department or Agency's estimated required workforce for Project Work Order :

Trade/Skills Required	Est. # of workforce required per trade	Est. # of total days to complete job

Comments: _____

PROJECT ANALYSIS FOR GOAL RECOMMENDATION (CSBE) See attachment

Sub-Trade	Est. Cost	% of Item to Base Bid	Availability

RECOMMENDATION

Set-Aside: Level 1 Level 2 Level 3 Trade Set-Aside Sub-Contractor Goal Workforce Goal No Measure

Basis for Recommendation: _____

Date submitted to DBD: _____

Contact Person: _____

Telephone No.: _____

Miami-Dade County

Community Action and Human Services Department

Head Start Program

RPQ # SA051616NCFEN

Project Intent: Provide assistant to Head Start Sub-grantees to preform Health safety related repairs to their centers to comply with programmatic requirements under the Head Start program guide lines. All repairs are to be performed by licensed contractors and with all required permits. All work is to comply with Federal, State, County, and City rules, regulations, and codes. Federal,

Project description: This project is to provide assistance to North County Head Start Center located at 3201 NW 207 Street Miami gardens FL, 33056. This project is for the installation of a new perimeter fence around the existing playground to provide for the health and safety of the children.

General Conditions

o Contractor shall be responsible for measurements. Before ordering material, preparing shop drawings, or doing any work, verify at the site all dimensions which may affect the work. Assume full responsibility for the accuracy of figures. No allowance for additional compensation will be considered for discrepancies between dimensions on the drawings and actual dimensions.

o Conditions other than those which are described in these specifications shall be identified in writing to the CAHSD representative and Owner, before proceeding with the work. The CAHSD or owner will provide approved alternate details as required by the changed conditions. The contractor shall be responsible for any unauthorized changes he incorporates in the work.

o The Contractor shall provide warranties and all necessary permits as required by law to complete this project. Contractor shall maintain necessary insurances and licenses throughout the duration of the project. The contractors shall be required to coordinate all work, verify all site conditions and make submittals as required for approval to the owners and inspectors. The contractor is responsible for all work done by any sub-contractor and shall require that all sub-contractor pull all necessary permits according to code.

- o The Contractor shall perform the services with the standard skill care and diligence which a competent and suitably qualified person performing such services could reasonably be expected to exercise and in accordance with the Work Write-Up; work must be performed in a professional, "Workman like Manner."

- o Contractor must comply with the Scope of Work and the attached Reference Documents.

- o Construction or work must begin within seven (30) days from the Notice to Proceed date and shall be carried on at a rate that insures full completion on or before the date of completion as stipulated in the Notice to Proceed.

- o Contractor is required to provide all documents needed to pull required permits. All documents must comply with the Florida Building Code and the Miami-Dade County regulations.

- o The contractor understands that timely completion of the work within the contract period is of the essence and contractor accepts that the contract period to complete the work is ninety (90) calendar days.

SCOPE OF WORK

Provide all materials, Labor, and equipment required to install new four (4) foot in height aluminum picket style fencing, Black in color with smooth top and bottom rails, use Integrity aluminum products model "Boca Grande or equivalent (see attachment # 1), gate is to have self-closing hinges, Truclose Series 3 Heavy Duty Model TCHD1s3BT or equivalent (see attachment # 3). Gate is to have Magna Lock locking system ML Series 3 Alert Vertical pull Model ML3AVPKA or equivalent (see attachment # 4). Gate is to be 42 inches in width (See attachment # 2) . Fencing is to be installed 15 feet out from edge of concrete broader around perimeter of play surface. Approx. LF of fencing including gate is 262 LF.

General specifications all materials are to be aluminum or stainless steel, all hardware should not protrude more than 1/8 inch above surface. Spacing of pickets is not to be greater than 3.50 inches. Clearance between bottom rail and grade shall be no more than 2.50 inches. All materials are to be black in color using powder coating as the finish. Panel widths, post size, post spacing, footer size and depth are to be determined by Local code requirements.

Attachments

Attachment # 1 Fence Section

Attachment # 2 Gate Section

Attachment # 3 Hinge

Attachment # 4 Locking Device

Attachment # 5 Site Drawing

REFERENCE DOCUMENTS

GENERAL INFORMATION

1. All work shall comply with applicable Miami-Dade County building department requirements, the 2010 Florida Building Code, the 2008 National Electrical Code (NFPA-70), and the Miami Dade DERM requirements for asbestos removal.
2. All work must be coordinated with the Center Director, in addition to the county project manager.
3. Contractor/vendor shall comply with all applicable Federal, State, County, and City rules and codes.
4. All construction shall be in accordance with contract documents & requirements
5. Permitting and inspections and all associated plans, specifications and signed and sealed drawings incidental for the performance of the work described herein. The signed/sealed engineering drawings shall include, but not limited to, the following minimum requirements:
6. Defining the actual area that the contractor is restricted to for the work of the contract.
7. The contractor may not operate beyond the limits unless specifically authorized to do so by the Owner.
8. The contractor shall limit the use of the site to those operations necessary for the execution of the work of the contract.
9. The contractor is responsible for evaluating field conditions by visiting the site prior to commencing/bidding work.
10. The contractor shall not allow minors or other unauthorized persons on the project construction site.

11. Unless otherwise indicated, demolished materials become contractor's property. Comply with EPA regulations and disposal regulations of authorities having jurisdiction. Conduct demolition without disrupting Owner's use of the building.

12. Maintain and protect existing utilities to remain in service before proceeding with demolition, providing bypass connections to other parts of the building. Locate, identify, shut off, disconnect, and cap off utility services to be removed. Conduct demolition operations and remove debris to prevent injury to people and damage to adjacent buildings and site improvements. Provide and maintain shoring, bracing, or structural support to preserve building stability and prevent movement, settlement, or collapse.

13. Promptly patch and repair damaged areas of work caused by demolition. Restore exposed finishes of patched areas and extend finish restoration into remaining adjoining construction.

14. The contractor at all times shall keep the premises free from accumulation of waste materials or rubbish caused by the operations. At least once weekly during the construction, and at the completion of the work, all waste materials and rubbish shall be removed from the project, as well as tools, construction equipment, machinery and surplus materials, and shall clean all surfaces and leave the work "broom" clean except as otherwise specified.

15. The contractor shall be responsible for initiating, maintaining and supervising safety programs in connection with the work.

16. The contractor shall take all reasonable precautions for the safety of and shall provide reasonable protection to prevent damage, injury or loss to:

- a. All employees on the work and all other persons whom may be affected thereby.
- b. All work and all materials and equipment to be incorporated therein, whether in storage on or off the site, under the care, custody or control of the contractor or any subcontractors.
- c. Other property at the site or adjacent thereto, and not designated for removal, relocation or replacement in the course of construction.

17. The contractor shall comply with all applicable laws, ordinances, rules, regulations and orders of any public authority having jurisdiction or the safety of persons or property for to protect them from damage, injury or loss. The contractor shall erect and maintain as required by the existing conditions and progress of the work, all reasonable safeguards for protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying owners and users of adjacent utilities. The contractor shall be responsible to the Owner for all damage or loss to any property caused in whole or in part by the contractor or any subcontractors, or anyone directly employed by any of them, or by anyone for whose acts any of them may be liable, and not attributable to the fault or negligence of the contractor.

18. The contractor shall request all mandatory inspection from the Building Official, Miami-Dade County, DERM, and other authorities having jurisdiction as per the provisions contained in the FBC, including those as may be required for asbestos removal. Inspections by the design professional shall not relieve the contractor, nor take the place of the mandatory inspections contained in the FBC or required by law.

19. Bid shall include warranty, building plans, specifications, permit drawings, and all permit approvals as required by the City of Miami, Miami-Dade-Dade County permitting departments. Bid shall also include approval through Miami-Dade County DERM (asbestos approval).

20. Any item resulting in damage from work procedures shall be repaired or restored to original condition including, but not limited to, sidewalk, trees, sod area, fences, irrigation, etc. Satisfactorily repair/replace equipment or part of structure damaged as a result of the work. Surfaces and finished areas shall be restored to match adjacent areas. Approval shall be obtained from the Architect/Engineer of Record prior to cutting or drilling any structural support member.

21. Contractor to supply "as built" drawings to project manager at job completion.

22. Location of existing utilities: contractor to verify exact location and avoid damage during construction. Coordinate with utilities companies MDWSD, etc.

23. All work shall be done in a neat workmanlike manner.

24. All penetrations through masonry and concrete structures shall be sealed to protect against fire with environmental conditions that exist.

25. Before starting work in a new area or movement of equipment one area to another, coordination with the facility and the County is required to ensure children's safety.

26. It is the contractor's responsibility to make the proper coordination in advance for major interruptions (15 calendar days) and any delay of work due to improper notice will be the responsibility of the contractor not CAHSD.

27. At any time improper procedures are observed that put client safety, staff, or contractor workers safety at risk, the work will be stopped until corrections are made and approved by the government and the contractor held responsible for any delay due to improper adherence to the contract/documents and/or safety regulations.

28. Before any new electrical, mechanical, and/or site modifications the contractor must notify CAHSD 72 hours in advance for proper coordination to ensure client, staff, and workers safety.

GENERAL SPECIFICATIONS

ALTERATIONS

A. Survey: Before any work is started, the Contractor shall make a thorough survey with the CM and a representative of CAHSD, of areas of building in which alterations occur and areas which are anticipated

routes of access, and furnish a report, signed by all three, to the CM. This report shall list by rooms and spaces:

1. Existing condition and types of resilient flooring, doors, windows, walls and other surfaces not required to be altered throughout affected areas of building.
2. Existence and conditions of items such as plumbing fixtures and accessories, electrical fixtures, equipment, venetian blinds, shades, etc., required by drawings to be either reused or relocated, or both.
3. Shall note any discrepancies between drawings and existing conditions at site.
4. CM shall designate areas for working space, materials storage and routes of access to areas within buildings where alterations occur and which have been agreed upon by Contractor and Construction Manager.

B. Any items required by scope of work to be either reused or relocated or both, found during this survey to be non-existent, or in opinion of CM and/or Supply Representative, to be in such condition that their use impossible or impractical, shall be furnished and/or replaced by Contractor with new items in accordance with specifications which will be furnished by Government. Provided the contract work is changed by reason of this subparagraph B, the contract will be modified accordingly, under provisions of clause entitled "DIFFERING SITE CONDITIONS".

C. Protection: Provide the following protective measures:

1. Wherever existing roof surfaces are disturbed they shall be protected against water infiltration. In case of leaks, they shall be repaired immediately upon discovery.
2. Temporary protection against damage for portions of existing structures and grounds where work is to be done, materials handled and equipment moved and/or relocated.
3. Protection of interior of existing structures at all times, from damage, dust and weather inclemency. Wherever work is performed, floor surfaces that are to remain in place shall be adequately protected prior to starting work, and this protection shall be maintained intact until all work in the area is completed.

RESTORATION

A. Remove, cut, alter, replace, patch and repair existing work as necessary to install new work. Except as otherwise shown or specified, do not cut, alter or remove any structural work, and do not disturb any ducts, plumbing, steam, gas, or electric work without approval of the Construction Manager. Existing work to be altered or extended and that is found to be defective in any way, shall be reported to the CONSTRUCTION MANAGER before it is disturbed. Materials and workmanship used in restoring work shall conform in type and quality to that of original existing construction, except as otherwise shown or specified.

B. Upon completion of contract, deliver work complete and undamaged. Existing work (walls, ceilings, partitions, floors, mechanical and electrical work, lawns, paving, roads, walks, etc.) disturbed or removed as a result of performing required new work, shall be patched, repaired, reinstalled, or replaced with new work, and refinished and left in as good condition as existed before commencing work.

C. At Contractor's own expense, Contractor shall immediately restore to service and repair any damage caused by Contractor's workmen to existing piping and conduits, wires, cables, etc., of utility services or of fire protection systems and communications systems (including telephone) which are not scheduled for discontinuance or abandonment.

D. Expense of repairs to such utilities and systems not shown on drawings or locations of which are unknown will be covered by adjustment to contract time and price.

AS-BUILT DRAWINGS

A. The contractor shall maintain two full size sets of as-built drawings which will be kept current during construction of the project, to include all contract changes, modifications and clarifications.

B. All variations shall be shown in the same general detail as used in the contract drawings. To insure compliance, as-built drawings shall be made available for the CONSTRUCTION MANAGER's review, as often as requested.

C. Contractor shall deliver two approved completed sets of as-built drawings to the CONSTRUCTION MANAGER within 15 calendar days after each completed

D. Paragraphs A, B, & C shall also apply to all shop drawings

TEMPORARY TOILETS

A. Provide where directed, (for use of all Contractor's workmen) ample temporary sanitary toilet accommodations with suitable sewer and water connections; or, when approved by CONSTRUCTION MANAGER, provide suitable dry closets where directed. Keep such places clean and free from flies, and all connections and appliances connected therewith are to be removed prior to completion of contract, and premises left perfectly clean.

SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES

1-1. Submit for approval, all of the items specifically mentioned under the separate sections of the specification, with information sufficient to evidence full compliance with contract requirements. Materials, fabricated articles and the like to be installed in permanent work shall equal those of approved submittals. After an item has been approved, no change in brand or make will be permitted unless:

A. Satisfactory written evidence is presented to, and approved by Contracting Officer, that manufacturer cannot make scheduled delivery of approved item or; B.

B. Item delivered has been rejected and substitution of a suitable item is an urgent necessity or; C.

C. Other conditions become apparent which indicates approval of such substitute item to be in best interest of CAHSD.

1-2. Forward submittals in sufficient time to permit proper consideration and approval action by the County. Assure timely submission to allow for adequate lead time to procure contract - required items. Delays attributable to untimely and rejected submittals will not serve as a basis for extending contract time for completion.

1-3. Submittals will be reviewed for compliance with contract requirements by CAHSD, and action thereon will be taken by CM on behalf of the Contracting Officer.

1-4. if submittal samples have been disapproved, resubmit new samples as soon as possible after notification of disapproval. Such new samples shall be marked "Resubmitted Sample" in addition to containing other previously specified information required on label and in transmittal letter.

1-5. Samples, shop drawings, test reports, certificates and manufacturers' literature and data, shall be submitted for approval to:

Shawn Angell,

701 NW 1st Court, Suite 11-118,

Miami, FL 33136

SAFETY REQUIREMENTS

I. PLANS (PROGRAMS, PROCEDURES) REQUIRED. Based on a risk assessment of contracted activities and on mandatory OSHA compliance programs, the Contractor shall address all applicable occupational risks in site-specific compliance and accident prevention plans. These Plans shall include but are not be limited to procedures for addressing the risks associates with the following:

- a. Emergency response;
- b. Contingency for severe weather;
- c. Fire Prevention;
- d. Medical Support;
- e. Posting of emergency telephone numbers;

- f. Prevention of alcohol and drug abuse;
- g. Site sanitation (housekeeping, drinking water, toilets);
- h. Night operations and lighting;
- i. Hazard communication program;
- j. Welding/Cutting "Hot" work;
- k. Electrical Safe Work Practices
- l. General Electrical Safety
- m. Site-Specific Fall Protection & Prevention;
- n. Respiratory protection;
- o. Health hazard control program;
- p. Demolition plan (to include engineering survey)

II. INSPECTIONS: The PM/Superintendent shall conduct frequent and regular safety inspections (daily) of the site and each of its subcontractors shall conduct frequent and regular safety inspections (daily) of their work operations. Each week, the PM/Superintendent shall conduct a formal documented inspection of the entire construction areas with the subcontractors present in their work areas. Coordinate with, and report findings and corrective actions weekly to Facility Safety Manager and Construction Manager.

III. ACCIDENTS, OSHA 300 LOGS, AND MAN-HOURS: Notify the Facility Safety Manager and Contracting Officer Representative as soon as practical, but no more than four hours after any accident meeting the definition of OSHA Recordable Injuries or Illnesses or High Visibility Accidents, property damage equal to or greater than \$5,000, or any weight handling equipment accident.

IV. PERSONAL PROTECTIVE EQUIPMENT (PPE):

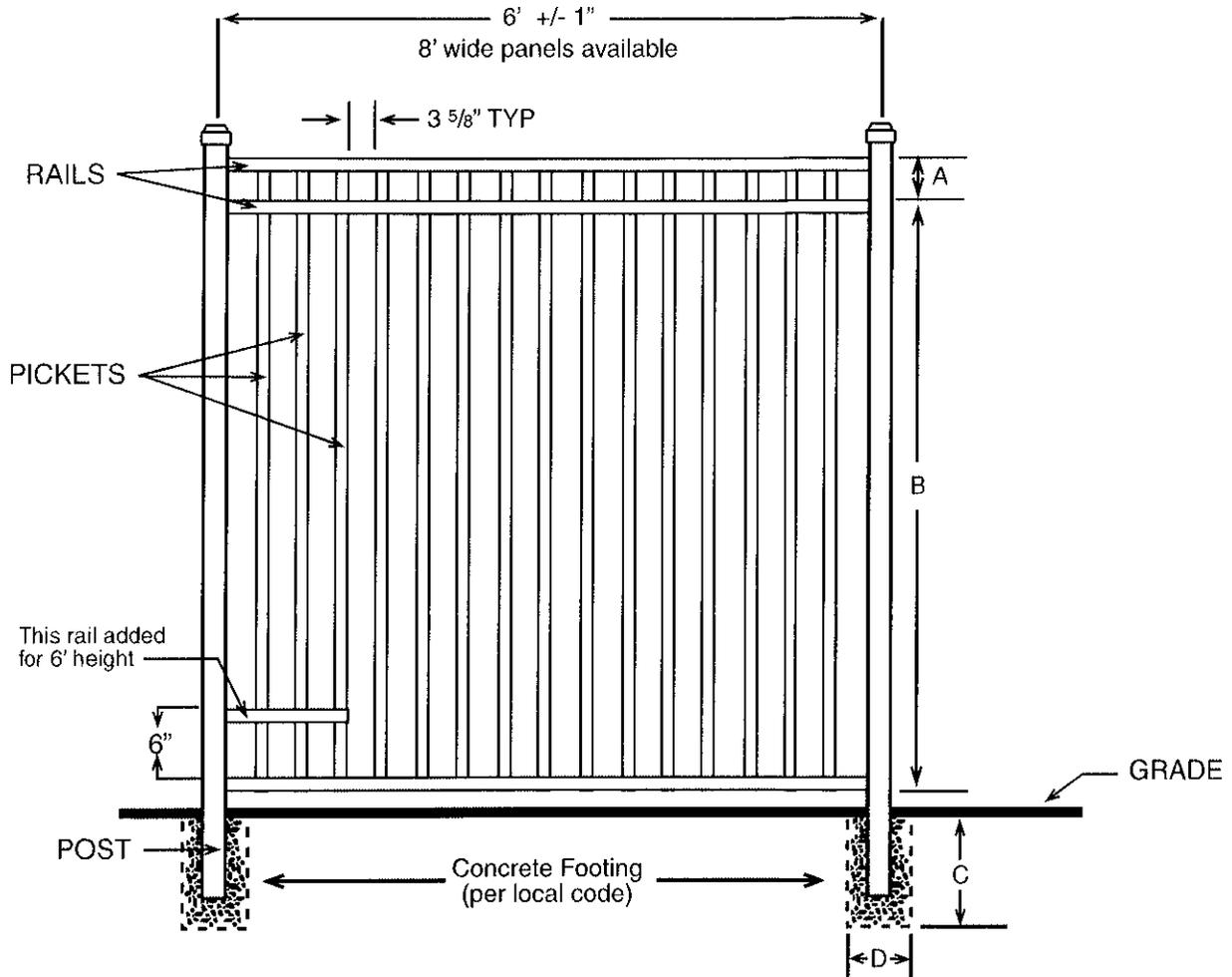
- a. PPE is governed in all areas by the nature of the work the employee is performing.
- b. Mandatory PPE includes:
 - i. Hard Hats – unless written authorization is given by the Facility Safety Manager and Construction Manager in circumstances of work operations that have limited potential for falling object hazards such

as during finishing work or minor remodeling. With authorization to relax the requirement of hard hats, if a worker becomes exposed to an overhead falling object hazard, then hard hats would be required in accordance with the OSHA regulations.

ii. Safety glasses - unless written authorization is given by the Facility Safety Manager and Construction Manager Representative appropriate safety glasses meeting the ANSI Z.87.1 standard must be worn by each person on site.

iii. Appropriate Safety Shoes – based on the hazards present, safety shoes meeting the requirements of ASTM F2413-11 shall be worn by each person on site unless written authorization is given by the Facility Safety Manager and Construction Manager Representative.

iv. Hearing protection - Use personal hearing protection at all times in designated noise hazardous areas or when performing noise hazardous tasks



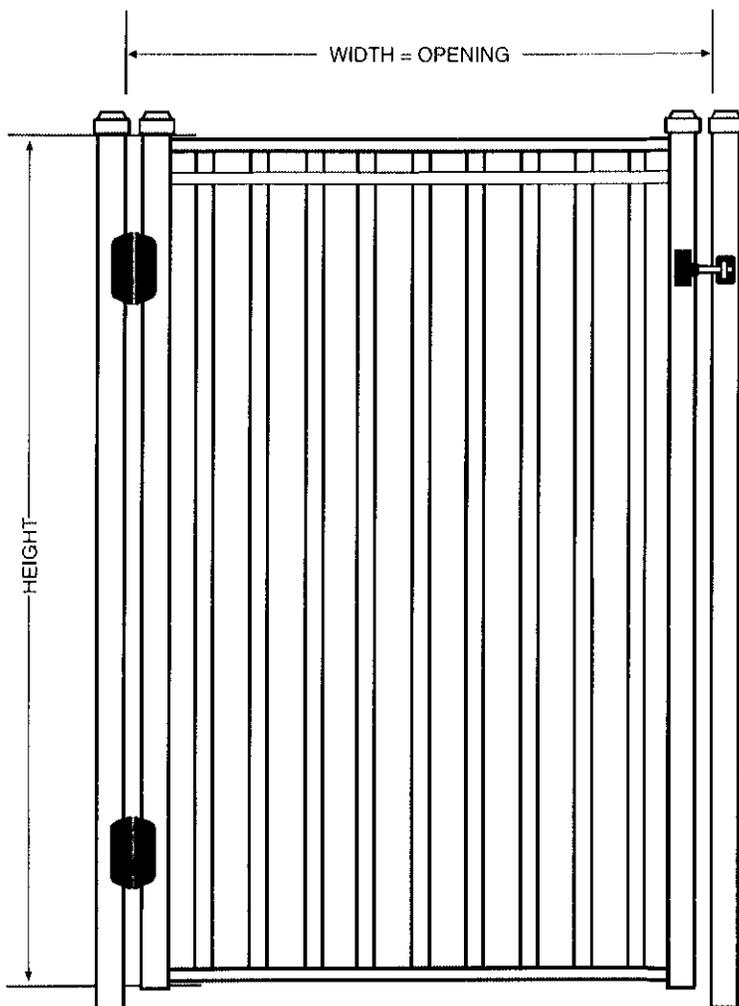
BOCA GRANDE™
PREMIER
with optional Flush Bottom Rail

DIMENSIONS				
HT	A	B	C	D
3'	2"	34"	Per Local Code	
3½'	2"	40"	Per Local Code	
4'	2"	46"	Per Local Code	
5'	2"	58"	Per Local Code	
6'	2"	70"	Per Local Code	
All Dimensions Are Nominal				

SPECIFICATIONS	
COMMERCIAL PREMIER	
Posts Available	2" x 2" x .080 Wall 2" x 2" x .125 Wall 2½" X 2½" X .100 Wall 3" x 3" x .125 Wall
Horizontal Rails Side Walls Top Walls	1³/8" x 1¼" .088" .065"
Pickets Picket Spacing	¾" x ¾" x .055 Wall 3 5/8"
Heights Available	3, 3½, 4, 5 & 6 Ft.
Widths Available	6 & 8 Ft.



iNTEGRITY™
ALUMINUM PRODUCTS
800.762.8876



BOCA GRANDE™
Premier™ Walkway Gate
with optional Flush Bottom Rail

DIMENSIONS

The height and width dimensions for this gate are available in standardized one-foot increments but can be customized to meet unique requirements.

CONFIGURATION

This Premier™ Walkway Gate can be constructed as a double-leaf gate up to 16' in width. An optional U-frame or Mid-rail is also available.

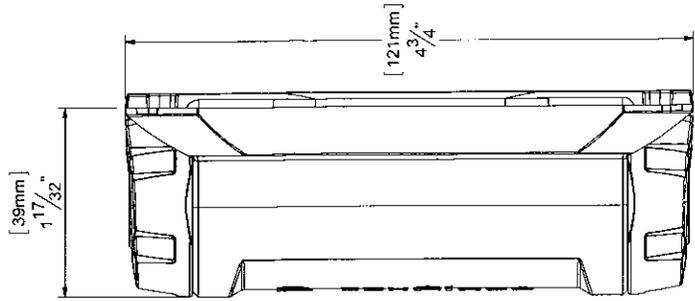
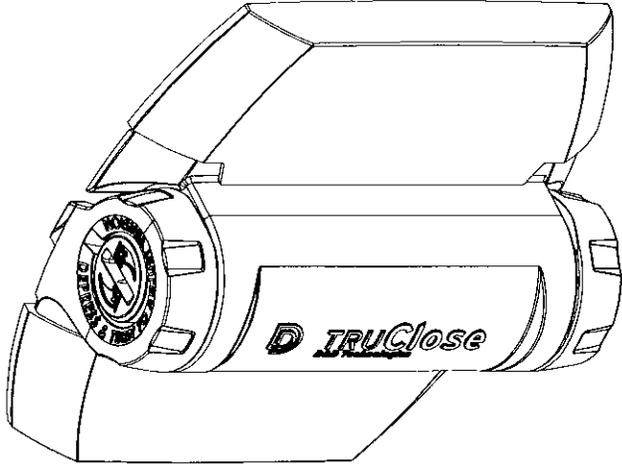
HARDWARE

Gate latch and hinges sold separately and may vary depending on size of gate and posts. Suggestions provided.

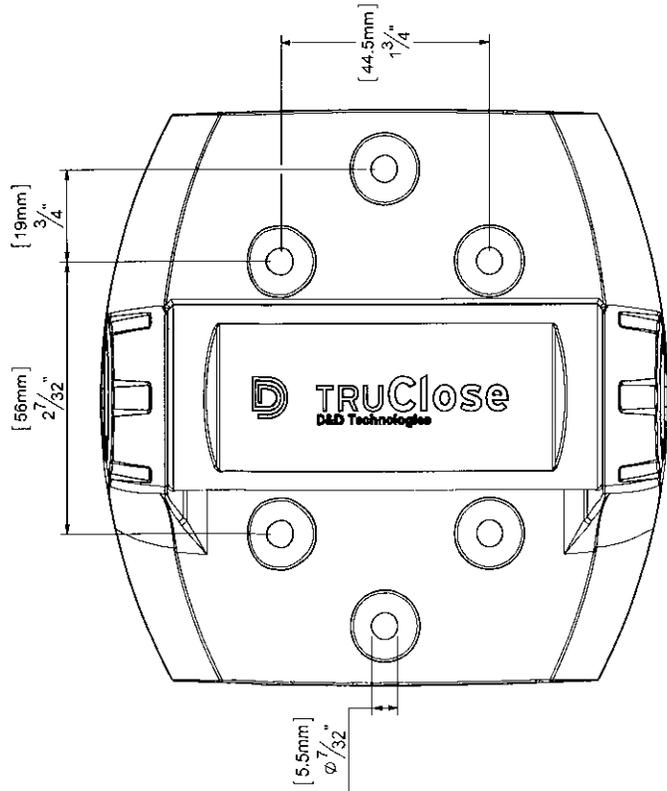
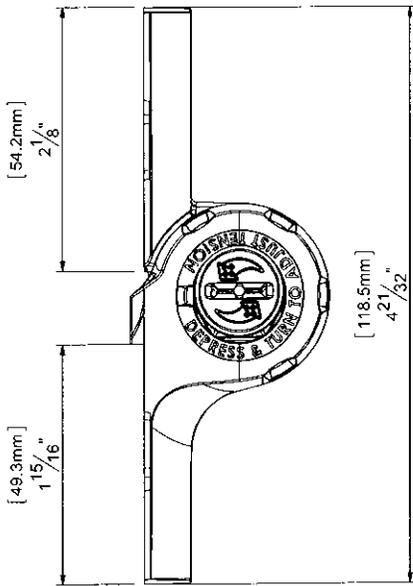
SPECIFICATIONS	
PREMIER GRADE	
Posts Available	2" x 2" x .080 Wall 2" x 2" x .125 Wall 2½" x 2½" x .100 Wall 3" x 3" x .125 Wall
Gate Frame Uprights	2" x 2" x .080 Wall
Horizontal Rails Side Walls Top Walls	1⅜" x 1¼" .088" .065"
Vertical Pickets Standard Spacing Extreme Spacing	¾" x ¾" x .055 Wall 3⅝" 1½" Available
Heights Available	Up to 6'
Widths Available	Up to 8'
All Specifications Are Nominal	



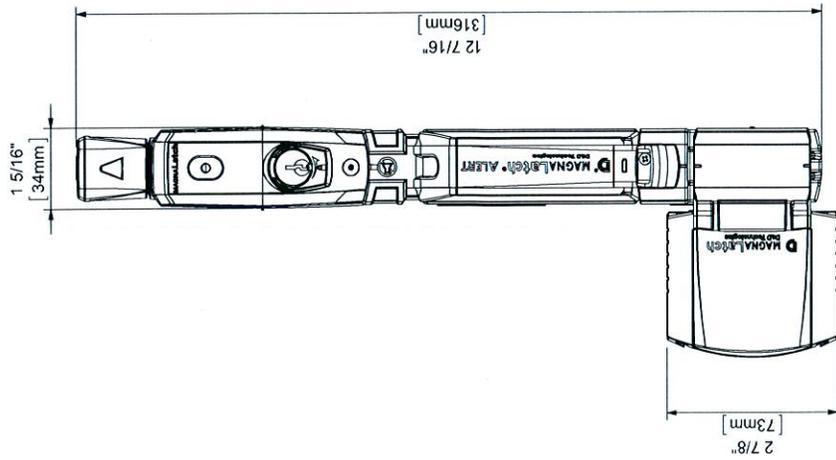
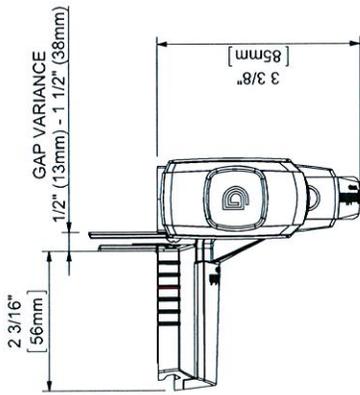
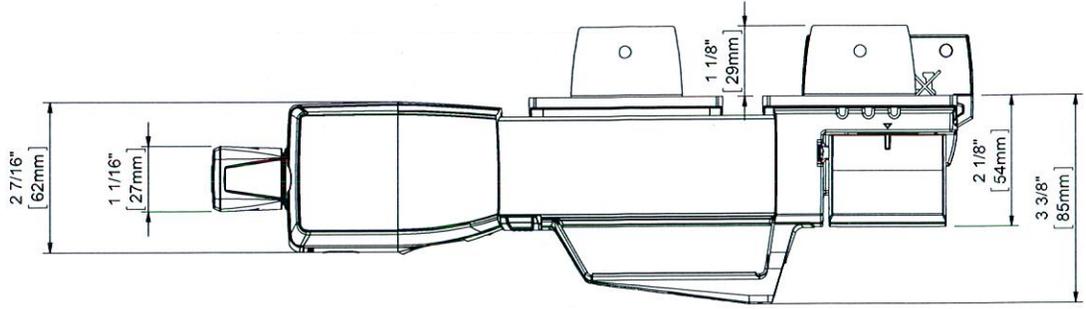
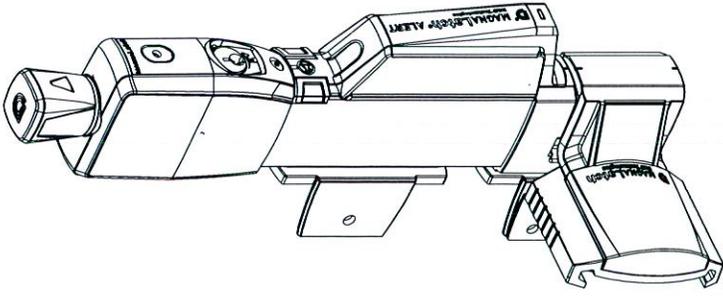
Attachment # 3



TRUCLOSE SERIES 3 - HEAVY DUTY - STANDARD - TCHD1S3BT



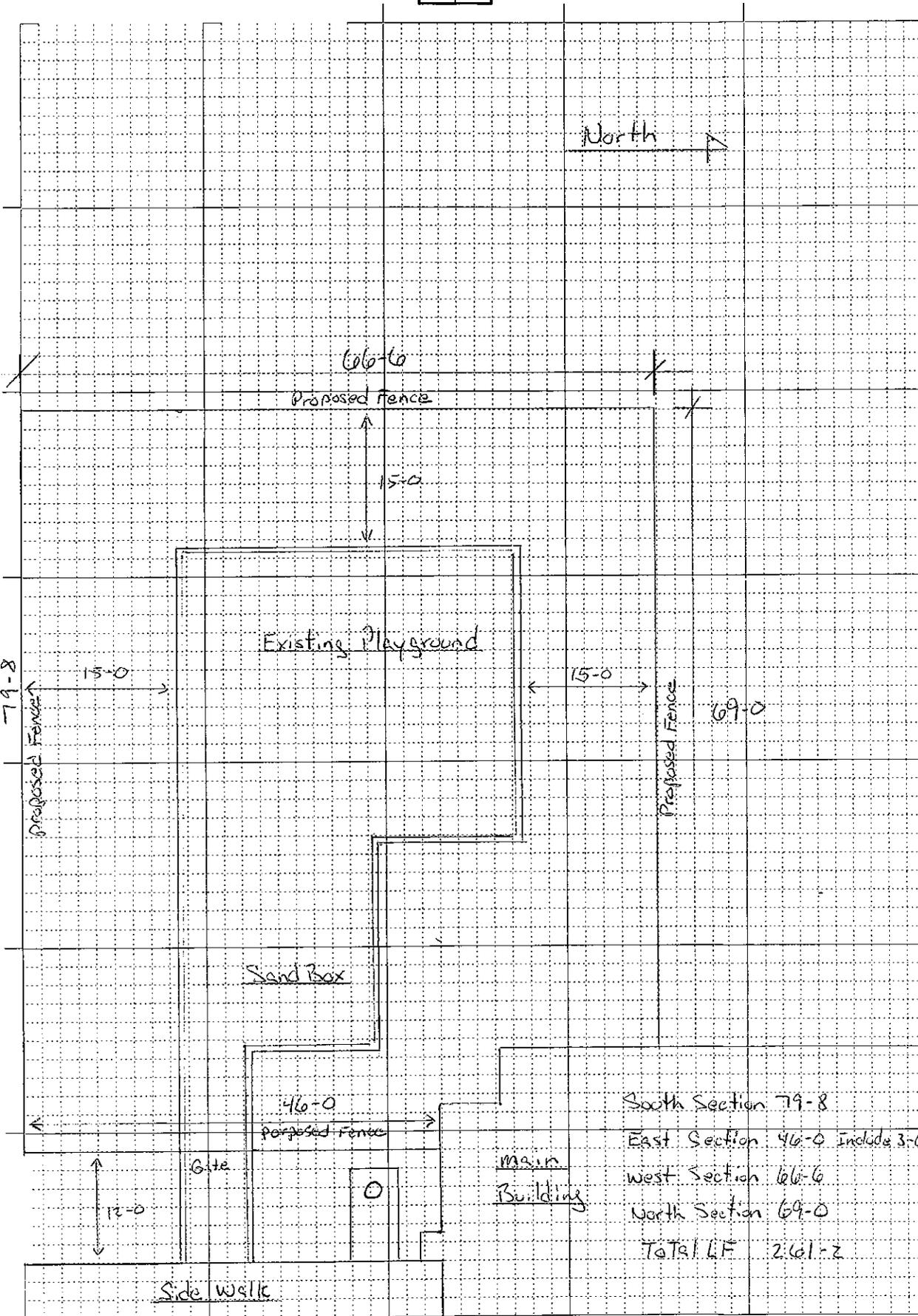
Attachment # 4



**ML Series 3 ALERT
Vertical Pull - ML3AVPKA**



CLIENT: North County
ADDRESS: 3201 NW 307 ST
DATE: 5-16-16
PROGRAM: Head Start



South Section 79-8
 East Section 46-0 include 3-6 G
 West Section 66-6
 North Section 69-0
 Total LF 261-2