

**DMVA Project #: 42170088
New Range Tower
Range 6 and Range 10
Fort Indiantown Gap
Annville, PA 17003**

**ADDENDUM #001
Responses to Contractor Bid Based RFIs**

Contracting/Bid Submission

- Q - Please clarify, one (1) range tower for which location, 6 or 10, and price one (1) bleacher for which location, with an Option for an additional bleacher?
- A – Contractors shall provide pricing for each range to receive a new tower with an alternate bid item for a set of bleachers and an associated enclosure. Therefore, contractor’s bids will include two (2) New Towers and Alternate Bid Items for two (2) sets of bleachers and (2) Bleacher Enclosures.

General Contractor (Point 1)

- Q – For the Bleachers, the only information listed is that on Drawing A.1.2. Are there specifications or designs other than what is listed on the drawing?
- A – Please see attached sketches for more information regarding the bleacher enclosures.
- Q – Are there any specifications regarding the windows and associated glazing?
- A – See attached specifications for Glazing requirements.
- Q - Can the FSC certification be waived for trusses? Do they need to be pressure treated?
- A – FSC Certification is not needed. Trusses do not need to be pressure treated.
- Q -Plans show 4” fabric wrapped drain tile. Where is this to be terminated?
- A – Drain tile is not needed.
- Q – Regarding seeding, is only the disturbed areas to be seeded?
- A – Yes.
- Q – Can you please provide a Door Hardware Schedule?
- A – See attached specifications.

Q - Drawing G.1.0 Project Data, states Range 12, please clarify.

A – This is a mistake on the drawings. It should read Range 6 and 10.

Q - In regards to the demolishing of the existing towers

A - The contractor will not be demolishing the existing towers.

HVAC Contractor (Point 2)

No questions were received pertaining to the HVAC design for this project.

Electrical Contractor (Point 4)

No questions were received pertaining to the Electrical design of this project.

080800 – GLASS GLAZING

PRODUCTS

Glass Description FLOAT GLASS

Glass Fabricator: Basis of Design - Oldcastle Glass

1. Annealed float glass shall comply with ASTM C1036, Type I, Class 1 (clear), Class 2 (tinted), Quality-Q3.
2. Heat-strengthened float glass shall comply with ASTM C1048, Type I, Class 1 (clear), Class 2 (tinted), Quality Q3, Kind HS.
3. Tempered float glass shall comply with ASTM C1048, Type I, Class 1 (clear), Class 2 (tinted), Quality Q3, Kind FT.
4. Laminated glass to comply with ASTM C1172.
5. Glass shall be annealed, heat-strengthened or tempered as required by codes, or as required to meet thermal stress and wind loads.

Sealed Insulating Glass (IG)

Vision Glass (vertical)

GENERAL

1. IG units consist of glass lites separated by a dehydrated airspace that is hermetically dual sealed with a primary seal of polyisobutylene (PIB), or thermo plastic spacer (TPS) and a secondary seal of silicone or an organic sealant depending on the application.
2. Insulating glass units are certified through the Insulating Glass Certification Council (IGCC) to ASTM E2190.

GL-1: 1" CLEAR LOW E TEMPERED INSULATED GLASS

IG VISION UNIT PERFORMANCE CHARACTERISTICS

1. Exterior Lite 1/4" Oldcastle Building Envelope SunGlass Low-E #2
2. Interior Lite 1/4" Clear
3. 1/2" Cavity Air (Standard)

4. Performance Characteristics:

| | | | |
|---|------|--------------------------------------|-----|
| Winter U-factor/U-Value (Btu/hr-ft ² -F°): | 0.29 | Visible Light Transmittance: | 50% |
| Summer U-factor/U-Value (Btu/hr-ft ² -F°): | 0.27 | Visible Light Reflectance (outside): | 8% |
| Solar Heat Gain Coefficient: | 0.25 | Visible Light Reflectance (inside): | 11% |
| Shading Coefficient: | 0.29 | Total Solar Transmittance: | 20% |
| Relative Heat Gain (Btu/hr-ft ²): | 61 | Total Solar Reflectance (outside): | 28% |
| Light to Solar Gain: | 2.00 | Ultraviolet Transmittance: | 4% |

END OF SECTION 080800

085000 - WINDOWS

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data, Shop Drawings, and color Samples.
- B. Provide AAMA- or WDMA-certified aluminum windows with an attached label.

PART 2 - PRODUCTS

2.1 ALUMINUM WINDOWS

- A. Manufacturers: One of the following:
- B. Basis-of-Design Product: Vistawall - Series 3000T or a comparable product of one of the following:
 - 1. Kawneer North America; an Alcoa company.
 - 2. TRACO.
 - 3. Vistawall
- C. Construction: Provide units with a concealed, thermal break.
- D. Window Types: The following types, as indicated on Drawings:
 - 1. Casement.
 - 2. Fixed.
- E. Finish: Class II, color anodic finish; complying with AAMA 611
 - 1. Color to be selected by Government Design Professional from following options:
 - a. Clear, Champagne, Light Bronze, Medium Bronze, Dark Bronze.
- F. Provide gear-type rotary operators for casement windows.
- G. Equip units with charcoal-gray, coated-aluminum mesh insect screens at operable sashes.
- H. Glaze units with, low-e coated, sealed insulating glass, complying with Section 088000 "Glazing."

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Set units level, plumb, and true to line, without warp or rack of frames and panels. Provide proper support and anchor securely in place.
- B. Set sill members in bed of sealant or with gaskets, as indicated, to provide weathertight construction.
- C. Adjust operating panels, screens, and hardware to provide a tight fit at contact points and weather stripping for smooth operation and weathertight closure. Lubricate hardware and moving parts.
- D. Clean glass and aluminum surfaces immediately after installing windows. Remove nonpermanent labels from glass surfaces.

END OF SECTION 085000

Door Hardware Schedule

DOORS: 101 AND 201

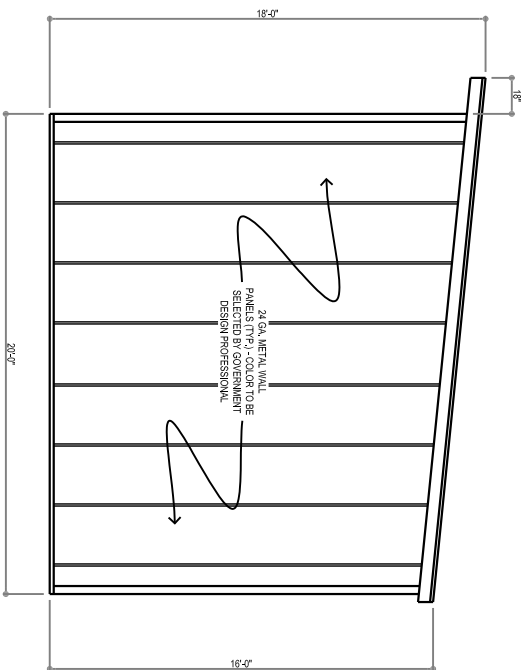
HINGES: HEAVY DUTY, 5 KNUCKLE, FULL MORTISE

OPENING DEVICE: LEVER W/ KEYED CORE

LOCKING DEVICE: MORTISE LOCK, DEADBOLT W/ EXTERIOR LOCK ONLY

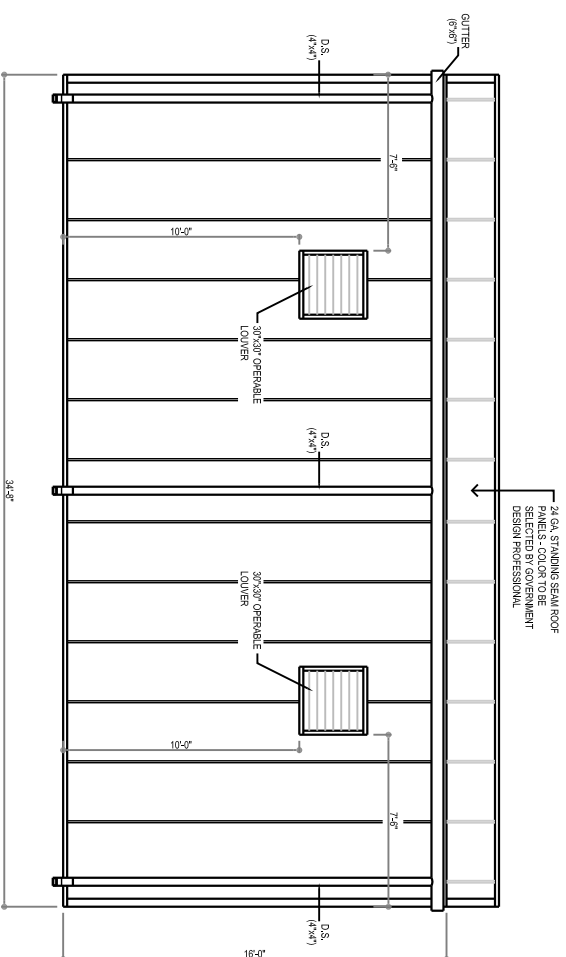
EXIT: LEVER

CLOSER: NONE



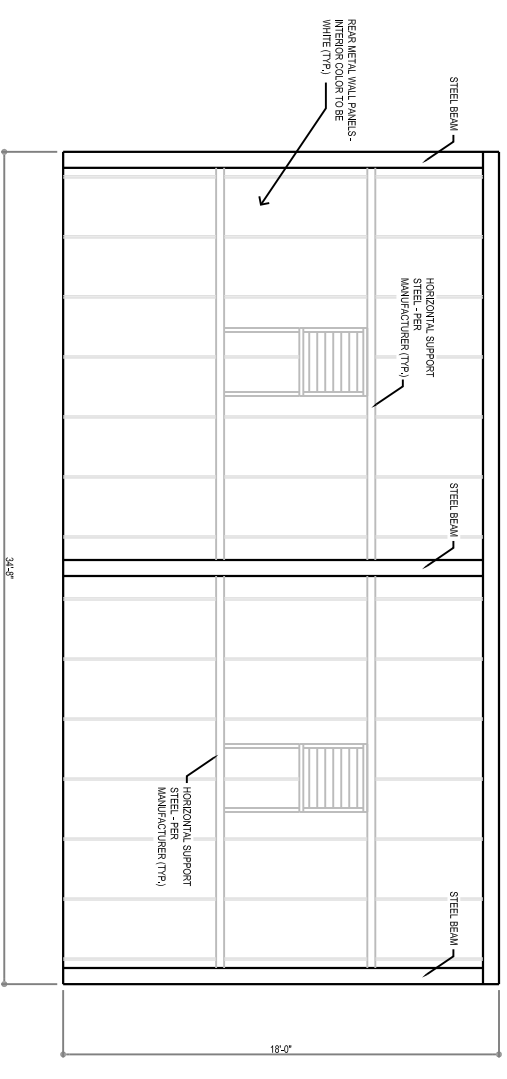
1 ENCLOSURE - SIDE ELEVATION

SK | 01 SCALE: N.T.S



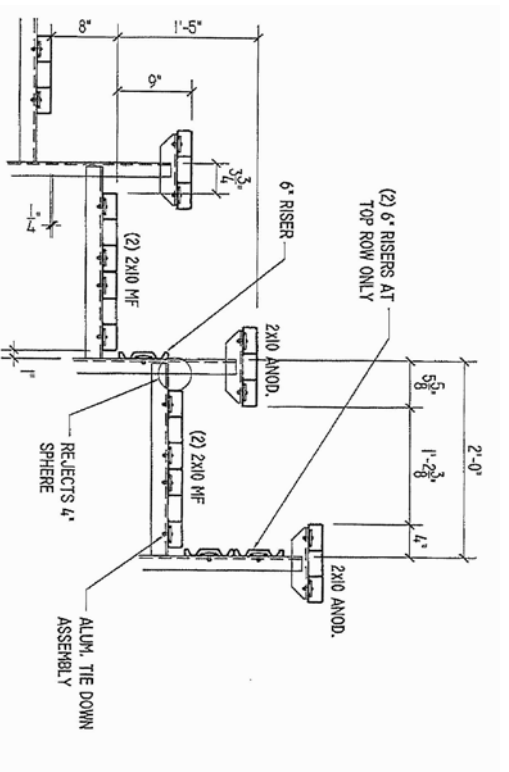
2 ENCLOSURE - REAR ELEVATION

SK | 01 SCALE: N.T.S



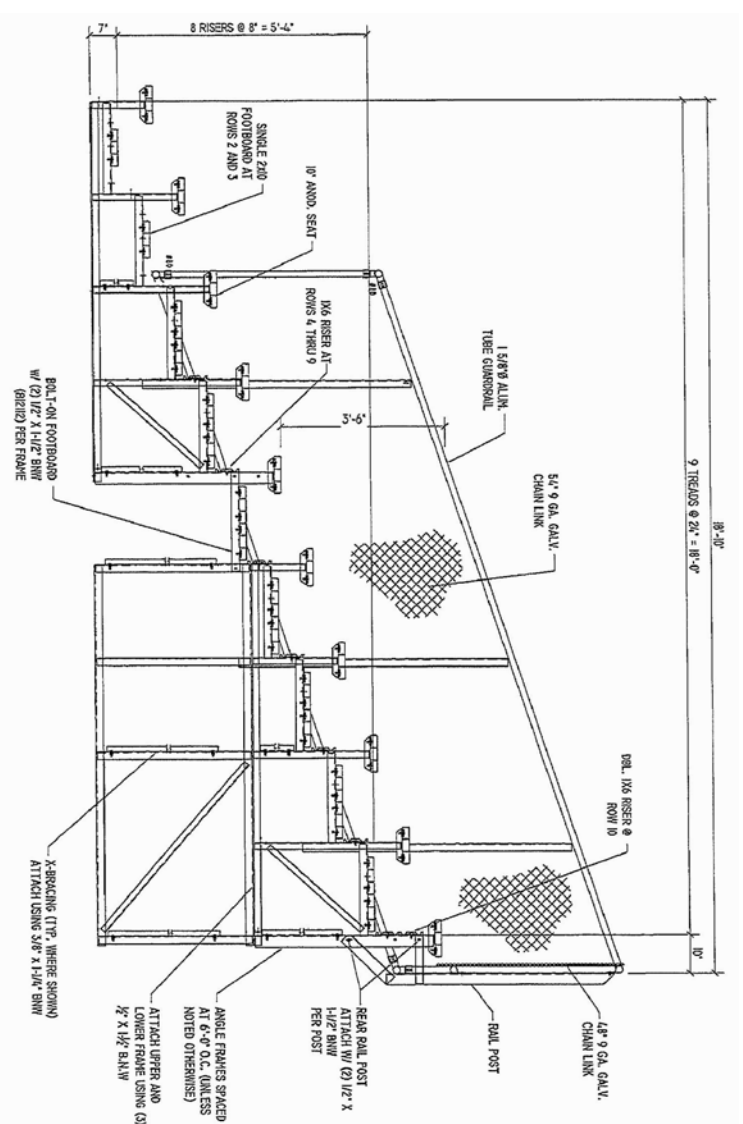
3 ENCLOSURE - FRONT ELEVATION

SK | 01 SCALE: N.T.S



4 BLEACHERS - SEATING

SK | 01 SCALE: N.T.S



5 BLEACHERS - SECTION

SK | 01 SCALE: N.T.S

NEW RANGE TOWERS - RANGE 6 AND RANGE 10

DMVA PROJECT#: 42170088

BLEACHERS AND PRE-ENGINEERED ENCLOSURE DETAILS

SK-01

8 JULY, 2020