

CONSTRUCTION – PHASE 2

**NEW CENTER FOR EMERGENCY SERVICES
25 ROCKY HOLLOW ROAD
NORTH STONINGTON, CT 06359**

S/P+A PROJECT NO. 13.220

DATE: March 10, 2017

The following changes to the Drawings and Project Specifications shall become a part of the Drawings and Project Specifications; superseding previously issued Drawings and Project Specifications to the extent modified by Addendum No. 2.

General Information:

- See attached RFIs. (21)
- See attached Substitution Requests. (10)
- It is the pre-engineered building manufacturers sole responsibility to provide and design all wall and roof assemblies to meet and/or exceed the former International Energy Conservation Code. The project has been designed under the former State Building codes as noted on the code plans and it has received a modification from the State of Connecticut to permit the project to be permitted and constructed under the former codes.

Changes to the Addenda:

- ADDENDUM #1, General Information, last item, first sentence, revise to read as follows:

“Contractor is responsible for providing formwork, concrete, rebar and anchor bolts only while the Radio Vendor will provide all other work for the Tower.”

New Specifications:

- SECTION 012300, ALTERNATES, has been added and is attached as part of this addendum. (2)
- SECTION 085619, SERVICE WINDOWS, has been added and is attached as part of this addendum. (5)

Changes to the Specifications:

- TABLE OF CONTENTS:
 - Page 1:
 - Division 0 –Bidding and Contract Documents, Attachment to AIA A201 (RD 1942-A, Guide 27, Attachment 4), Pages, revise “13” to read “17”.
 - Division 1 – General Requirements, add the following:

“Section 012300 Alternates

2”

o Page 3:

▪ Division 8 – Openings:

- ☐ Section 083213, delete in its entirety.
- ☐ Add the following:

“Section 085619 Service Windows 5”

▪ Division 10 – Specialties, Section 104416, delete in its entirety.

- BID FORM has been deleted in its entirety. A new BID FORM has been added and is attached as part of this addendum. (3)
- ATTACHMENT TO AIA A201 (RD 1942-A, GUIDE 27, ATTACHMENT 4), add to the end the attached Appendix Q. (4)
- SECTION 012100, ALLOWANCES, Page 3, Article 3.3, add the following:

“B. **Allowance No. 2: Radio Tower System:** Include in the Base Bid an allowance of one hundred forty-seven thousand dollars (\$147,000).”
- SECTION 083213, SLIDING ALUMINUM-FRAMED GLASS DOORS, delete in its entirety.
- SECTION 090000, SCHEDULE OF FINISHES, Page 4, Ceilings, add the following:

“ACT-2

Item:	Acoustic Ceiling Tile
Manufacturer:	Armstrong
Style:	Ultima Health Zone
Size:	2' x 2'
Color:	White
Location:	Refer to Drawings
Note:	Beveled Tegular; Refer to Section 095113
Local Rep:	Ashley Ward 860.490.5604”

- SECTION 095113, ACOUSTICAL PANEL CEILINGS, Page 4, Article 2.3, add the following:

“D. Basis-of-Design Product (**ACT-2**):

1. Armstrong World Industries, Inc.; **Ultima Health Zone**
2. Classification: Provide panels complying with ASTM E 1264 for type, form, and pattern as follows:
 - a. Type and Form: Type IV, mineral base with membrane-faced overlay; Form 2, water felted; with vinyl overlay on face, back, and sealed edges.
 - b. Pattern: E (lightly textured).
3. Color: White.
4. LR: Not less than 0.86.
5. NRC: Not less than 0.70.

6. Edge/Joint Detail: Beveled tegular.
 7. Thickness: $\frac{3}{4}$ inch.
 8. Modular Size: 24 by 24 inches.”
- SECTION 096723, RESINOUS FLOORING, Page 5, Article 3.2.C., revise “8 inches” to read “6 inches”.
 - SECTION 104416, FIRE EXTINGUISHERS, delete in its entirety.
 - SECTION 133419, METAL BUILDING SYSTEMS, Page 13, Articles 2.5.C.4.b. and .c., delete in their entirety.

New Drawings:

- The following ARCHITECTURAL sketch (1) has been added and is attached as part of this addendum.
 - SKA2A, WALL MOUNTED EXTERIOR SIGNAGE DETAIL. This sketch adds information to Drawing A4.0.
- The following TECHNOLOGY sketches (2) have been added and are attached as part of this addendum^.
 - SKT1, TECHNOLOGY SYMBOLS, NOTES & ABBREVIATIONS. This sketch revises information on Drawing T001.
 - SKT2, TECHNOLOGY ONE LINE DIAGRAM & DETAILS. This sketch revise information on Drawing T201.

Changes to the Drawings:

- DRAWING A1.0, FLOOR PLANS, Symbol Legend, delete “F.E.C.” in its entirety.
- DRAWING A4.0, EXTERIOR ELEVATIONS, Exterior Elevations – West 1, Doors 130A, 130B, 130C and 130D, revise elevations to match those of Doors 130G, 130H, 130J, and 130K on Exterior Elevation – East 2.
- DRAWING A5.2, BUILDING SECTIONS, East West Section 4 1, delete Louver Type Tag “L7” located between Doors 128A and 129.
- DRAWING A7.1, ENLARGED PLANS:
 - Symbol Legend, delete “F.E.C.” in its entirety.
 - Enlarged Toilet Plan – Male 120/Female 121:
 - Men 109, add Toilet Accessory Tag “8” on North wall next to toilet.
 - Women 110, add Toilet Accessory Tags “8” on North wall next to toilet and “13” on partition between standard stalls.
 - Private Toilets 113 and 114, add Toilet Accessory Tag “8” on West wall next to toilet.
 - Enlarged Decon and Storage 2, delete “with swing down grab bar” in its entirety and add “horizontal” next to Toilet Accessory Tag 5.

- DRAWING A7.2, ENLARGED PLANS, Symbol Legend, delete “F.E.C.” in its entirety.
- DRAWING A7.3, INTERIOR ELEVATIONS, Laundry/Janitor – West Wall 7, revise Detail Tag “2/A7.6” to read “3/A7.6”.
- DRAWING A7.6, CASEWORK DETAILS, ADA SS Counter With Sink Detail 3, delete note and leader regarding plastic laminate in its entirety.
- DRAWING A8.1, WINDOW & LOUVER SCHEDULE & DETAILS, Louver Types 2, add “Type ‘L8’, 76” W by 24” H, aluminum extruded drainable louver – finish to match stone base”.
- DRAWING A9.1, FLOOR PATTERN & FINISH SCHEDULE, Room Finish Schedule, Storage 124 and SCBA Room 129, Ceiling Finish, revise “GWB” to read “ACT-2”.
- DRAWING S001, STRUCTURAL NOTES, Pre-Engineered Metal Building, Note 17, delete in its entirety.
- DRAWING S200, TYPICAL APPARATUS BAY SECTIONS, Roof Purlin note, revise “by others” to read “by PEMB”.

The bid date remains unchanged by this addendum.

The addendum consists of forty-nine (49) pages of 8½” x 11” text, one (1) 8½” x 11” drawings and two (2) 11” x 17” drawings^.

End of Addendum ‘2’

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Monday, March 06, 2017 1:09 PM
To: 'BBaril@enterbuilders.com'
Subject: RE: RFI - North Stonington Center for Emergency Services

Good afternoon Brian.

A sketch with the location will be issued as part of the forthcoming addendum.

Thank you and good luck.

Rebecca Bouchard, CSI, CDT

Specifications Writer



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From: Baril, Brian <BBaril@enterbuilders.com>
Sent: Thursday, March 2, 2017 5:01:45 PM
To: Dave Stein
Cc: selectmen@northstoningtonct.gov
Subject: RE: RFI - North Stonington Center for Emergency Services

David,

One small additional RFI that didn't make it into the document:

- The specifications reference 12" cast aluminum letters, which are not identified on the exterior elevations. Please confirm where these are to be located.

Thank you,

Brian P. Baril, AIA
 Director of Estimating
 Enterprise Builders, Inc.
 860.466.5128
bbaril@enterbuilders.com

ENTERPRISE



BUILDERS

REQUEST FOR INFORMATION

To: Mr. David Stein Date: March 2, 2017
Co: Silver/Petrucelli + Associates, Inc.
Project: North Stonington Center for Emergency Services

From: Brian Baril – Enterprise Builders, Inc. (direct 860-466-5128)

RE: EBI-RFI #2

Please respond to the following questions regarding the above named project as soon as possible:

Division 13:

- 1.) The spec calls for a TLS insulation system. A TLS system is usually used when there is not enough room between the purlins and roof to achieve the required insulation. The drawings call for 6” of insulation at the roof. There should be enough room using the MR 24 roof. Is the TLS system required or will a MR24 roof, with 6” of insulation and MOD 36 ceiling liner suffice? **-An MR24 roof system with 6” of insulation and a MOD 36 ceiling liner is acceptable. Refer to forthcoming Addendum #2 General Information.**
- 2.) The window size shown on the drawings is not offered to fit in a Thermawall Flat Wall panel. Is a 3’x3’ or 4’6”x4’6” acceptable? Please advise. **-3’-0 x 3’-0” is acceptable. Hold sill height and centerline of all windows. Refer to forthcoming Addendum #2 General Information.**
- 3.) The drawings call for 6” gutters. Butler manufactures 4-1/2” and 8-1/2” gutters. Please advise on a gutter size. **-8-1/2” gutters are acceptable. Refer to forthcoming Addendum #2 General Information.**

-B. Varano 03.06.17

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Monday, March 06, 2017 2:27 PM
To: 'roel@nosalbuilders.com'
Subject: RE: North Stonington EMS

Good afternoon Roel.

The borings in the Geotech Report are based on the original ground contours prior to Phase 1 - Site Excavation.

Refer to Drawing C3 for the current contours.

Thank you and good luck.

Rebecca Bouchard, CSI, CDT

Specifications Writer



SILVER/PETRUCELLI+ASSOCIATES
Architects / Engineers / Interior Designers

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From: Roel Legaspi <roel@nosalbuilders.com>
Sent: Friday, March 3, 2017 3:13:20 PM
To: Dave Stein
Cc: Rebecca Bouchard
Subject: North Stonington EMS

Dave,

Upon review of the Geotechnical Engineering Report Boring locations existing contours and Boring results, I compared this with existing contours drawing C3 Grading plan and they seem to have different existing contours, are the boring information based on the boring location per Geotechnical Report or per drawing C3?

Roel Legaspi

Senior Estimator
 Nosal Builders, Inc.

85 Fieldstone Court, Unit 1
Cheshire, CT 06410

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Mobile: 860-707-9953

E-mail: roel@nosalbuilders.com

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WE ARE MOVING!!

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Monday, March 06, 2017 5:16 PM
To: 'Roel Legaspi'
Subject: RE: North Stonington EMS

The manufacturer/model is listed on the Equipment Schedule on Drawing A7.0.

From: Roel Legaspi [mailto:roel@nosalbuilders.com]
Sent: Monday, March 06, 2017 5:07 PM
To: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: RE: North Stonington EMS

Rebecca,
 There is no Spec section for this item, please provide.

From: Rebecca Bouchard [mailto:rbouchard@silverpetrucelli.com]
Sent: Monday, March 06, 2017 2:31 PM
To: Roel Legaspi <roel@nosalbuilders.com>
Subject: RE: North Stonington EMS

Good afternoon Roel.
 The GC is responsible to provide and install the food service equipment as well as relocate existing.
 Thank you and good luck.

Rebecca Bouchard, CSI, CDT
Specifications Writer



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From: Roel Legaspi <roel@nosalbuilders.com>
Sent: Friday, March 3, 2017 3:17:42 PM
To: Dave Stein
Cc: Rebecca Bouchard
Subject: North Stonington EMS

Dave,
 Per drawing A7.0 Enlarged Kitchen Plan, who is responsible to furnish and install the Food Service Equipment?

Roel Legaspi
 Senior Estimator
 Nosal Builders, Inc.
85 Fieldstone Court, Unit 1
Cheshire, CT 06410

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Monday, March 06, 2017 3:08 PM
To: 'CJohnson@damatoconstruction.com'
Subject: RE: Fwd: North Stonington RFI

Good afternoon Connor.
 Please see the Civil Engineer's response below.
 Thank you and good luck.

Rebecca Bouchard, CSI, CDT
Specifications Writer



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From: DONALD SMITH JR [mailto:dwsjrpe@sbcglobal.net]
Sent: Monday, March 06, 2017 11:16 AM
To: Dave Stein <dstein@silverpetrucelli.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>; Brian Varano <bvarano@silverpetrucelli.com>
Subject: Re: Fwd: North Stonington RFI

Refer to Note #1 on Sheet C4.
 All methods and materials used in the construction of the SSDS indicated on this plan shall conform to the latest provisions of the CT Public Health Code Regulations and Technical Standards for Subsurface Sewage Disposal Systems. We do not provide details of manufacturers standard products.

Donald W. Smith, Jr., P.E.
Consulting Engineer
 56 Greenwood Cr.
 Seymour, CT 06483
 (203) 888-4904

From: Connor Johnson <CJohnson@damatoconstruction.com>
Sent: Monday, March 6, 2017 7:50:50 AM
To: Dave Stein
Cc: Paul Geda
Subject: North Stonington RFI

David

Please provide a detail drawing for proposed 1500 Gal. septic tank on sheet #C3, and detail for outlet filter on sheet #C4, construction note #21, Orenco Systems FT0444-36.

Regards

Connor Johnson

D'Amato Construction Company

400 Middle Street

Bristol, CT 06010

Office: 860-583-3489

Fax: 860-585-6370

Email: cjohnson@damatoconstruction.com


PAT MUNGER CONSTRUCTION COMPANY, INC.

750 East Main Street, Suite One
 Branford, Connecticut 06405
 T: 203-483-3645 | F: 203-483-3650
www.mungerconstruction.com

RFI # 1

Date: 3-6-27

To: Architect Silver/Petrucelli + Associates, Inc
 Address: 3190 Whitney Avenue, Bldg.2
 City, Town: Hamden, CT 06518
 Contact: David Stein, Architect
 PH: 203-230-9007 x 201
 Fax: 203-230-8247
 E-Mail: dstein@silverpetrucelli.com

First Selectman
 Contact: Mr. Shawn P. Murphy
 Address: Old Town Hall
 40 Main Street
 City, Town: North Stonington, CT 06359
 PH: 860-535-2877
 Fax: 860-535-4554
 E-Mail: selectmen@northstoningtonct.gov

Project: Name Phase 2- Construction
 New Center for Emergency Services
 Address 25 Rocky Hollow Road
 City, State North Stonington, CT 06359

From: Michael Kirdzik **Fax:** 203-483-3650
 Pat Munger Construction Co, Inc. **Email:** mkirdzik@mungerconstruction.com
 750 East Main Street
 Branford, CT 06405

Dear Mr. Stein

Please see attached the following list of questions/clarifications to be answered:

Division 1: General Requirements

- a. Is this project tax exempt? **-The project is tax-exempt.**
- b. What is the start date of the project? **-On or around April 1, 2017**
- c. Who is responsible for carrying the testing agency costs, i.e., soil testing-rebar inspection, concrete testing, etc.? **-The Town shall issue and RFP and contract the services directly.**
- d. Who is responsible for Eversource utility company fees or will there be an allowance to be carried by all bidders? **-The GC/Electrical Contractor shall be responsible for all costs associated with temporary electric service**

installation and removal. The Owner shall pay for all local electric utility costs once the temporary service is installed.

Division 3: Concrete

- a. Please provide specifications for trench drain shown on detail 10/S100.
-For trench drains refer to the Plumbing Plans, specifically P400 for the "Drain Schedule" indicating basis of design, as well as Section 221319 for additional requirements.

Division 6: Carpentry

- a. Details 7 & 8/A7.3 Janitor closet 112 indicates both stainless steel counters and P lam counters. Please advise. -Counter is to be stainless steel.

Division 9: Finishes

- a. Section 092216-5 Non-structural metal framing-Installing suspension systems Section 3.5 B States-" Isolate suspension systems from building structure where they abut or are penetrated by building structure to prevent transfer of loading imposed by structural movement"---Can you identify what area you are referring to? -This is a general statement to abide by should this circumstance arise.
- b. Structural Plan detail 2/S202 column 5 shows mezzanine support wall framing as 362s162-54lt the Architectural shows this wall to be 2B 20 gauge framing—Please clarify what gauge the support wall under the mezzanine is. -Use Structural framing shown on S202.

Division 10: Specialties

- a. Detail 2/A7.1 states ADA pass thru shower w/swing down grab bar but none indicated on drawings. Please clarify. -No swing down grab bar is required.
- b. What model toilet paper dispenser is required in Men 109 and Women 110? Not shown on drawings. -Toilet paper dispensers shall be models as indicated in Section 102800. Refer to forthcoming addendum for additional information.
- c. Specification section 104416 indicates Fire Extinguishers and cabinets but none shown on drawings. Please clarify. -No fire extinguishers/cabinets are required.
- d. Architectural drawing A7.1 and A 7.2- Construction notes item #5 refers to "Metal wall mounted sloped desk" can you identify what area/ where this desk is shown to be. -Sloped desk is located in Apparatus Bays 130, North wall, between Doors 123 and 124.

Division 32: Traffic Control Devices

- a. Please furnish manufacture and drawing for size of traffic control sign mentioned in specifications or an allowance to be carried. -Dimensions, content and details of Traffic control signs are shown on sheet C1 and C6.

Sincerely

Michael Kirdzik -Estimator



**Orlando Annulli
and Sons, Inc.**

**REQUEST FOR INFORMATION #1: FOOD SERVICE
EQUIPMENT CLARIFICATION**

To: David Stein; dstein@silverpetrucelli.com
FROM: Jonathan Adams
DATE: March 8, 2017
PROJECT: New Center for Emergency Services

Question:

Specification Section:	N/A	Drawing(s):	A7.0
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1. Please clarify if the Food Service Equipment shall be included in our bid proposal. If so, please provide the appropriate specifications.

Response:

Yes, the food service equipment is part of the Base Bid. The manufacturers/models are listed on the Equipment Schedule on Drawing A7.0.

By:
R. Bouchard 03.09.17

Date:

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Thursday, March 09, 2017 10:40 AM
To: 'Bonnie@gdonovan.com'
Subject: RE: North Stonington New Center for Emergency Services Phase 2 - RFI

Good morning Bonnie.
A sketch with the location will be issued as part of the forthcoming addendum.
Thank you and good luck.

Rebecca Bouchard, CSI, CDT
Specifications Writer



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From: Bonnie Herindeen [<mailto:Bonnie@gdonovan.com>]
Sent: Wednesday, March 08, 2017 10:59 AM
To: Dave Stein <dstein@silverpetrucelli.com>
Subject: North Stonington New Center for Emergency Services Phase 2 - RFI

Please provide information on the dimensional letters mentioned in section 101400, 1.2.a.2, we cannot find anything that specifies the text involved. There is only information on their construction and height.

Thank you.

Bonnie Herindeen

G. Donovan Associates, Inc.

PO Box 249

Lebanon, CT 06249

(860) 642-0700 ext. 39

AA/EOE

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Thursday, March 09, 2017 12:15 PM
To: 'Roel Legaspi'
Subject: RE: North Stonington EMS

Good afternoon Roel.
 Roof purlins are to be part of the PEMB.
 Thank you and good luck.

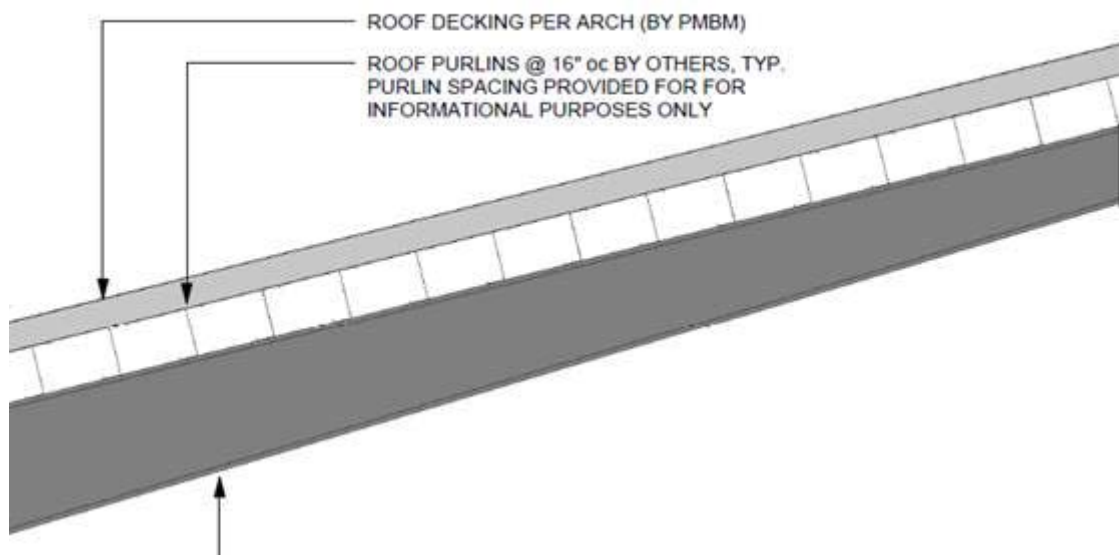
Rebecca Bouchard, CSI, CDT
Specifications Writer



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From: Roel Legaspi [mailto:roel@nosalbuilders.com]
Sent: Wednesday, March 08, 2017 2:56 PM
To: Dave Stein <dstein@silverpetrucelli.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: North Stonington EMS

Dave,
 On drawing S200, there is a note Roof Purlins @ 16" oc by OTHERS. Please clarify who is referred to as "OTHERS" (Owner?)



Roel Legaspi

Senior Estimator
Nosal Builders, Inc.

**85 Fieldstone Court, Unit 1
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E-mail: roel@nosalbuilders.com

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Rebecca Bouchard

From: Rebecca Bouchard
Sent: Thursday, March 09, 2017 3:25 PM
To: 'Roel Legaspi'
Subject: RE: North Stonington EMS

Good afternoon Roel.

All OH doors are to be Type OH-1 and as specified in Section 083613. Additional information will be provided in forthcoming addendum.

Thank you and good luck.

Rebecca Bouchard, CSI, CDT

Specifications Writer



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From: Roel Legaspi [mailto:roel@nosalbuilders.com]
Sent: Wednesday, March 08, 2017 10:53 AM
To: Dave Stein <dstein@silverpetrucelli.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: North Stonington EMS

Dave,

Regarding Sectional Doors:

Our factory (Overhead Door) has advised us that a door system with more than one full view glass section cannot be wind loaded

Drawing A8.0 Door Type OH-1 call for one glazed section and Type OH-2 calls for three glazed sections. This also refers us to the door schedule and all door are called out as Type OH-1. The elevations on drawing A4.0 show the west doors as three glazed sections and the east elevation as one glazed sections.

Are we to use the door schedule on A8.0 as a reference for the door type?

Please advise when you get a moment

Roel Legaspi

Senior Estimator
 Nosal Builders, Inc.

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Cheshire, CT 06410

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E-mail: roel@nosalbuilders.com

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Rebecca Bouchard

From: Rebecca Bouchard
Sent: Thursday, March 09, 2017 3:54 PM
To: 'Roel Legaspi'
Subject: RE: North Stonington EMS

Good afternoon Roel.
 Please see responses to your RFI below.
 Thank you and good luck.

Rebecca Bouchard, CSI, CDT
Specifications Writer



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From: Roel Legaspi [mailto:roel@nosalbuilders.com]
Sent: Thursday, March 09, 2017 3:33 PM
To: Dave Stein <dstein@silverpetrucelli.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: North Stonington EMS

Dave,

1. Spec Section 104416 FIRE EXTINGUISHERS: Please provide quantities or locations on the drawings. We could not find it on the floor plan. -No fire extinguishers/cabinets are required.
2. Please provide location of Wire Mesh Partitions on the drawing. -Wire mesh partition is located between Chair Storage 107 and Storage 107A.

Roel Legaspi
 Senior Estimator
 Nosal Builders, Inc.
85 Fieldstone Court, Unit 1
Cheshire, CT 06410

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Fax: **203-439-9319**

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E-mail: roel@nosalbuilders.com

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Rebecca Bouchard

From: Rebecca Bouchard
Sent: Thursday, March 09, 2017 4:08 PM
To: Roel Legaspi
Subject: RE: North Stonington EMS

Good afternoon Roel.

The PEMB engineer will be responsible for designing to meet the Energy Code.

Refer to forthcoming addendum for additional information.

Thank you and good luck.

Rebecca Bouchard, CSI, CDT

Specifications Writer



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From: Dave Stein
Sent: Monday, March 06, 2017 12:25 PM
To: Roel Legaspi <roel@nosalbuilders.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: RE: North Stonington EMS

We are under the old IECC not the new, as we received a waiver.

David J. Stein, AIA

Principal/Project Manager



3190 Whitney Avenue Bldg 2 | Hamden, CT 06518 | silverpetrucelli.com | P: 203.230.9007 x 201 | F: 203.230.8247 | C: 203.605.1930

From: Roel Legaspi [<mailto:roel@nosalbuilders.com>]
Sent: Monday, March 06, 2017 12:17 PM
To: Dave Stein <dstein@silverpetrucelli.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: North Stonington EMS

Dave,

Regarding Pre-Engineered Metal Building:

The roof insulation as specified does not appear to meet the required R-Value of the IECC Code with the 5" support Zee. Is this how you want it quoted?

The wall detail references a 2" Insulated wall panel and an undetermined fiberglass wall insulation. Please provide the thickness of the fiberglass insulation and note the wall panels will telegraph bulging from this insulation.

Please provide clarifications.

Roel Legaspi

Senior Estimator

Nosal Builders, Inc.

85 Fieldstone Court, Unit 1

Cheshire, CT 06410

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Mobile: 860-707-9953

E-mail: roel@nosalbuilders.com

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**PAT MUNGER CONSTRUCTION COMPANY, INC.**

750 East Main Street, Suite One
 Branford, Connecticut 06405
 T: 203-483-3645 | F: 203-483-3650
www.mungerconstruction.com

RFI # 2

Date: 3-9-17

To: Architect Silver/Petrucelli + Associates, Inc
 Address 3190 Whitney Avenue, Bldg.2
 City, Town Hamden, CT 06518
 Contact: David Stein, Architect
 PH: 203-230-9007 x 201
 Fax: 203-230-8247
 E-Mail: dstein@silverpetrucelli.com

Project: Name Phase 2- Construction
 New Center For Emergency Services
 Address 25 Rocky Hollow Road
 City, State North Stonington, CT 06359

From: Michael Kirdzik **Fax:** 203-483-3650
 Pat Munger Construction Co, Inc. **Email:** mkirdzik@mungerconstruction.com
 750 East Main Street
 Branford, CT 06405

Dear Mr. Stein

Please see attached the following list of questions/clarifications to be answered:

Division 3: Concrete

1. Detail 2/S100 calls for galvanized armor angle. Our suppliers cannot find this material. Please advise how we are to proceed. **-This is a galvanized angle that is used to armor the corner of the concrete from tire damage from the trucks.**

Division 8: Doors, Windows & Glazing

1. Section 083213 Sliding Door Company does not make a pass thru window. Please advise how we are to proceed. **-Section will be revised in forthcoming addendum.**

Division 15: Mechanical

1. Plans P-4500 pipe insulation specifications call for all pipe insulation to have PVC jacketing. Please confirm. **-The Insulation Schedule on Drawing P400 and Section 220700 calls for PVC jackets on all elbows, tees, strainers, valves, flanges, and unions. PVC jacket is not required on all piping.**

Sincerely
 Michael Kirdzik -Estimator

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Friday, March 10, 2017 9:50 AM
To: 'mgarneau@wjmountford.com'
Subject: RE: North Stonington RFI #1

Good morning Mike.
 Please see Architect's response below.
 Thank you and good luck.

Rebecca Bouchard, CSI, CDT
Specifications Writer



3190 Whitney Avenue Bldg 2 | Hamden, CT 06518 | silverpetrucelli.com | P: [203.230.9007 x202](tel:203.230.9007) | F: [203.230.8247](tel:203.230.8247)

From: Brian Varano
Sent: Friday, March 10, 2017 9:22 AM
To: Dave Stein <dstein@silverpetrucelli.com>; Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: RE: North Stonington RFI #1

L6 and L7 appear in detail 1/A5.2.

A 76" by 24" louver will need to be provided (Alum extruded Drainable – Finish TBD – close color to blend in with stone base at this location only). This is not currently in our louver schedule but will be included as part of forthcoming addendum.

From: [Mike Garneau](#)
Sent: Thursday, March 9, 2017 4:17 PM
To: [Dave Stein](#)
Cc: [Mike Garneau](#)
Subject: North Stonington RFI #1

David,
 Drawing A8.1 shows Louver types LS1 thru LS7. Drawing A4.0 shows 1 each LS1 – LS5.
 Is there a LS6, LS7?
 Detail 1/A4.0 shows what appears to be a louver adjacent to door 129A, what type is this?
 Thank You.

Mike Garneau
 Estimator
 W. J. Mountford Co.
 P 860-291-9448 x 124
 F 860-289-6382

ENTERPRISE



BUILDERS

REQUEST FOR INFORMATION

To: Mr. David Stein Date: March 2, 2017
Co: Silver/Petrucci + Associates, Inc.
Project: North Stonington Center for Emergency Services

From: Brian Baril – Enterprise Builders, Inc. (direct 860-466-5128)

RE: EBI-RFI #1

Please respond to the following questions regarding the above named project as soon as possible:

Division 1:

1. Please provide Appendix Q, page Q1 that is referenced on the second page of Appendix M of the Minimum Limit Requirements in the front end of the specifications. **-Appendix Q will be provide in forthcoming addendum.**

Division 8:

1. The (19) Aluminum windows look like actual windows per detail H/A8.1 however, there is no Aluminum Window Spec. Please provide a spec for Aluminum Windows. **-Refer to Section 133419-19, Article 2.9 for aluminum windows.**
2. In the spec binder, there is a specification, section 083213 for Aluminum Sliding Doors. I do not see any Aluminum Sliding Doors on the Door Schedule A8.0 Are there any Aluminum Sliding Doors? **-Per Article 1.2.A, this section is for the pass-through windows.**
3. Please send a specification for the pass-through window. **-Refer to response immediately above.**

Division 9:

4. The epoxy flooring specification indicates 8" cove base, but the interior elevation shows 6". Confirm which is correct. **-6-inch base is correct.**
1. Confirm where Level 5 finish is required. **-Per 092900-7, Article 3.6.D.2, Level 5 finish is required at locations indicated.**
2. Finish schedules indicate ACT-2, but there is no ACT-2 listed in the specification finish schedule or the ACT specification section. Please provide spec or confirm all tiles are to be ACT-1. **-ACT-2 will be provided in forthcoming addendum.**

-R. Bouchard 03.10.17

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Friday, March 10, 2017 10:35 AM
To: 'David Gagliardi'
Cc: Fries, John (KBSTN)
Subject: RE: RFI New Center for Emergency Services, North Stonington

Good morning David.
 Please see below RFI responses.
 Thank you and good luck.

Rebecca Bouchard, CSI, CDT
Specifications Writer



3190 Whitney Avenue Bldg 2 | Hamden, CT 06518 | silverpetrucelli.com | P: [203.230.9007 x202](tel:203.230.9007) | F: [203.230.8247](tel:203.230.8247)

From: David Gagliardi [mailto:david.gagliardi@xenelis.com]
Sent: Wednesday, March 08, 2017 1:53 PM
To: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Cc: Fries, John (KBSTN) <jfries@kirbybuildingsystems.com>
Subject: RFI New Center for Emergency Services, North Stonington

Good afternoon Rebecca,

Can I get the following questions answered:

1. Drawing S001 Pre-engineered Metal Building note 17 states the building manufacturer is to comply to an L/600 Live Load Deflection requirement if Alternate 2 is selected. Where is Alternate 2 in the bid documents. - **Disregard note.**
2. The Metal Building Systems section 1333419.2.5.C.4 calls for a Factory Mutual wind rating for the roof system. As there are different FM options for this requirement, can a specific option be listed. - **An FM wind rating is not required.**
3. The bid drawings do not clearly show what products or systems are to be hung from purlins with weights in order to allow for concentrated point loads. Can we get more definition in order to calculate for the load requirements. - **Refer to Drawing S102 and cross reference with all M/P/FP drawings.**

Thank you,

David J. Gagliardi
 Project Manager

Xenelis Construction Co., Inc.

30 Old Indian Trail
 Middlefield, CT 06455
 860-349-1313

Rebecca Bouchard

From: Rebecca Bouchard
Sent: Friday, March 10, 2017 10:43 AM
To: 'Roel Legaspi'; Dave Stein
Subject: RE: North Stonington EMS

Good morning Roel.

Ceiling finish for those rooms is to be ACT per the RCP.

Also, please be advised that the RFI deadline was the end of the day yesterday.

Thank you and good luck.

Rebecca Bouchard, CSI, CDT

Specifications Writer



SILVER/PETRUCELLI+ASSOCIATES
Architects / Engineers / Interior Designers

3190 Whitney Avenue Bldg 2 | Hamden, CT 06518 | silverpetrucelli.com | P: [203.230.9007 x202](tel:203.230.9007) | F: [203.230.8247](tel:203.230.8247)

From: Roel Legaspi [mailto:roel@nosalbuilders.com]
Sent: Friday, March 10, 2017 10:33 AM
To: Dave Stein <dstein@silverpetrucelli.com>
Cc: Rebecca Bouchard <rbouchard@silverpetrucelli.com>
Subject: North Stonington EMS

Dave,

Ceiling Finish for Rooms 124 & 129: A9.1 Finish Schedule shows its GWB, drawing A3.0 shows ACT. Please clarify.

Roel Legaspi

Senior Estimator
 Nosal Builders, Inc.

85 Fieldstone Court, Unit 1

Cheshire, CT 06410

Phone: **203-439-9320** x 306

Fax: **203-439-9319**

Mobile: 860-707-9953

E-mail: roel@nosalbuilders.com

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SUBSTITUTION REQUEST

(During the Bidding Phase)

Project New Center for Emergency Services
North Stonington

To: Silver/Petrucelli + Associates, Inc.
Hamden, CT

Re: Roller Shade Substitution

Substitution Request Number: _____

From: Jessi Wright; Draper Inc.

Date: 2/24/17

A/E Project Number: 13.220

Contract For: New Construction

Specification Title: Roller Window Shades Description: Manually operated roller shades w/ single rollers

Section: 122413 Page: 2 Article/Paragraph: 2.1 B

Proposed Substitution: Draper Inc. as approved equal manufacturer

Manufacturer: Draper Inc Address: 411 S Pearl St. Spiceland, IN 47385 Phone: 765-987-7999

Trade Name: Window Treatments Model No.: Manual FlexShade

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: Jessi Wright

Signed by: Jessi Wright

Firm: Draper Inc.

Address: 411 S. Pearl St. Spiceland, IN 47385

Telephone: jessi.wright@draperinc.com

765-856-1334

A/E's REVIEW AND ACTION

- ☒ Substitution approved - Make submittals in accordance with Specification Section 01330.
- ☐ Substitution approved as noted - Make submittals in accordance with Specification Section 01330.
- ☐ Substitution rejected - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by: R. Bouchard

Date: 02.28.17

Supporting Data Attached: ☐ Drawings ☒ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

Clutch-Operated FlexShade

by **DRAPER**

Please check all appropriate selections and attach room schedule with verified dimensions.

Select Clutch Color

- ☐ White
- ☐ Black
- ☐ Optional Spring Assist (minimum shade width 48")

Select Clutch Type

- ☐ Standard
- ☐ Optional Spring Assist (minimum shade width 48") As necessary

Select Chain

- ☐ Stainless Steel Chain (standard)
- ☐ Polyester Chain
 - ☐ Ivory
 - ☐ Grey
 - ☐ Black
 - ☐ White
 - ☐ Brown

Select Cord Tension Device

- ☐ P-Clip Cord Tension Device
- ☐ Optional Spring Loaded Cord Tension Device

Select Operator Location

Select **right side (standard)** or left side as seen from inside the room, facing the window. Also indicate selection on room schedule.

- ☐ Right Side (standard)
- ☐ Left Side

Select Hardware

- ☐ Universal Brackets (Ceiling/Wall/Inside/Outside)
- ☐ Optional Endcaps only
- ☐ Optional Fascia with Endcaps
 - ☐ Radius
 - ☐ Square
- ☐ Optional Reverse Roll Fascia with Endcaps (Square only)
- ☐ Optional Headbox
 - ☐ Ceiling/Wall
 - ☐ Pocket Style
- ☐ Optional Type "D" Pocket with Tile Lip
- ☐ Optional Channels for Light Gap Reduction
 - ☐ ¾" x 1" x 12'3" "L" Channels (Or Indicate Cut Length: _____)
 - ☐ 1" x 2¾" x 16' "L" Channels (Or Indicate Cut Length: _____)
 - ☐ 1" x 2½" x 16' "U" Channels (Or Indicate Cut Length: _____)

Select Hardware Finish

- ☐ Clear Anodized (standard)
- ☐ Black ☐ Ivory
- ☐ White ☐ Bronze

Select Fabric Orientation

- ☐ Regular Roll (from back of roller)
- ☐ Reverse Roll (from front of roller)

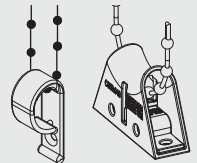
Select Installation Option

- ☐ Inside (head/sill, jamb/jamb)
- ☐ Outside (overlap opening)
- ☐ Do any units abut at mullions? Which?
- ☐ Do any units install in pocket at ceiling? Which?

Please Note: To specify dual roller units, please see submittal forms for Access Dual Roller FlexShade and Dual Roller FlexShade with Fascia.

Safety Note

Please Note: If shades are to be installed in areas accessible to young children, be certain to use cord tension device included with Bead Chain Clutch shades. Clutch-operated shades should not be installed near cribs or playpens.



For product drawing, see page 2.

For specifications, see page 3.

For dimensions, see page 4.

DRAPER

411 S. Pearl St., Spiceland, IN 47385 USA ■ 765-987-7999
 www.draperinc.com ■ fax 765-987-7142
 Copyright © 2015 Draper Inc. Form FlexShadeCL_Sub15-R Printed in U.S.A.

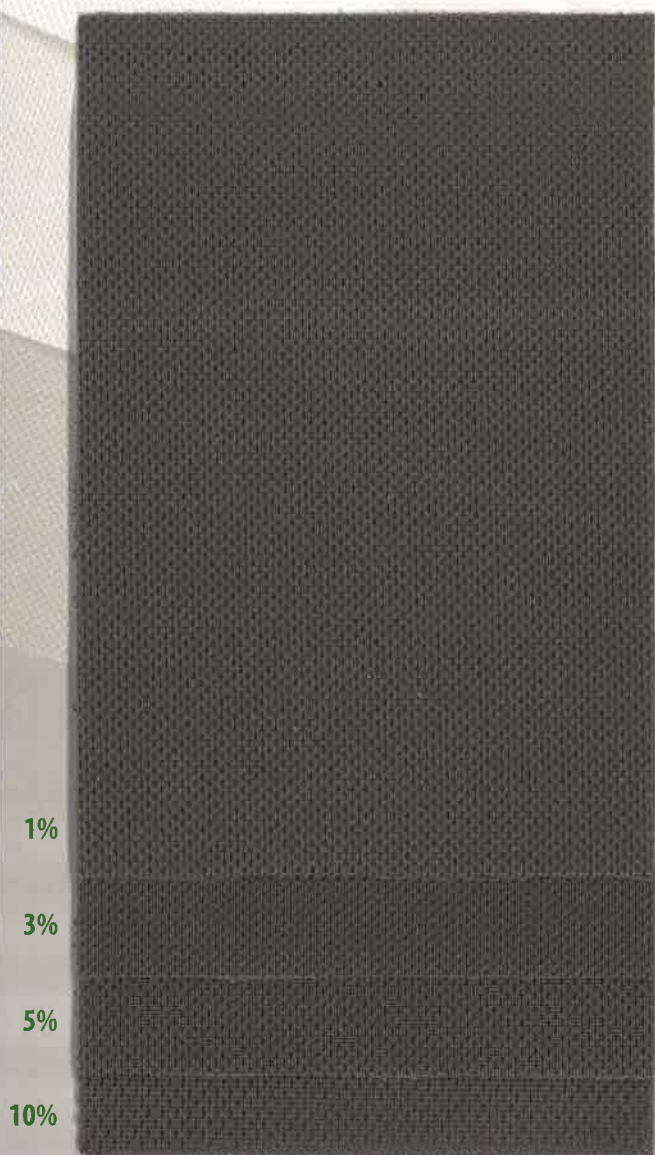
PROJECT: _____
ARCHITECT: _____
CONTRACTOR: _____
SUPPLIER: _____
DATE: _____ REVISED: _____



GreenScreen® Evolve™

<http://www.draperinc.com/go/GreenScreen.htm>

GreenScreen Evolve is a zero waste, 100% recyclable and PVC-free designer shade fabric. Draper's new, GreenScreen Evolve provides excellent solar control, reducing heat and glare. The diamond knit construction is unobstructive with a view through comparable to a basketweave mesh. GreenScreen Evolve is available in 1%, 3%, 5%, 10% openness.



Storm



These colors shown in 1% openness



Cradle to Cradle Certified™ is a certification mark of MBDC.

GreenScreen® Evolve™ has been certified for its material content, recyclability, and manufacturing characteristics. c2ccertified.com





GreenScreen® Evolve™

<http://www.draperinc.com/go/GreenScreen.htm>

GreenScreen® Evolve™ is a zero waste, 100% recyclable and PVC-free fabric constructed primarily from REPVE polyester. Made in the USA, REPVE is a recycled and recyclable fiber made from used water bottles. It's a reprieve for our planet's resources. Repreve is fiber made with 100% recycled content and is made responsibly to make a difference. Repreve diverts valuable materials from the waste stream and converts them into something useful. Behind every mound of post-consumer waste is a mountain of pre-consumer waste. That's why the Repreve process includes collecting and using pre-consumer waste from manufacturing.

Features:

- GREENGUARD Gold Certified
- RoHS compliant (free of heavy metals)
- Recycled Content up to 78%, 100% Recyclable
- PVC Free
- Nine Designer Colors
- 1%, 3%, 5% and 10% openness
- Fire Classification NFPA 701-10 TM#1, California U.S. Title 19

Specifications:

• Width	118" (300 cm)
• Weight	1% 8.97 oz/yd ² (304 g/m ²)
	3% 8.41 oz/yd ² (285 g/m ²)
	5% 7.93 oz/yd ² (269 g/m ²)
	10% 5.69 oz/yd ² (193 g/m ²)
• Thickness	1% 0.029 in (0.73 mm)
	3% 0.027 in (0.68 mm)
	5% 0.026 in (0.67 mm)
	10% 0.023 in (0.59 mm)

	1%			3%			5%			10%		
Color	Rs	Tv	G-Value	Rs	Tv	G-Value	Rs	Tv	G-Value	Rs	Tv	G-Value
Cloud	66	25	0.36	65	28	0.36	60	32	0.38	57	38	0.39
Light	65	25	0.36	62	28	0.37	59	30	0.38	55	38	0.40
Natural	63	21	0.37	60	26	0.38	57	28	0.39	54	35	0.40
Haze	62	17	0.37	59	23	0.38	56	26	0.39	52	34	0.41
Shale	56	19	0.39	53	19	0.40	51	22	0.41	49	29	0.42
Shadow	52	10	0.40	51	12	0.41	46	18	0.42	44	25	0.43
Wind	62	19	0.37	60	23	0.38	56	28	0.39	53	33	0.40
Rain	52	10	0.40	50	13	0.41	48	16	0.42	45	25	0.43
Storm	42	5	0.43	40	8	0.44	38	11	0.45	35	17	0.46



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GreenScreen® Evolve™ has been certified for its material content, recyclability, and manufacturing characteristics. c2ccertified.com



* REPVE is a registered trademark of Unifi, Inc.



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fax 866-637-5611 | www.draperinc.com
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Interior Sun Control Fabrics

Phifer
SheerWeave®
BRAND FABRIC
STYLE 7000 BLACKOUT FABRIC



P62 White



P64 Sand



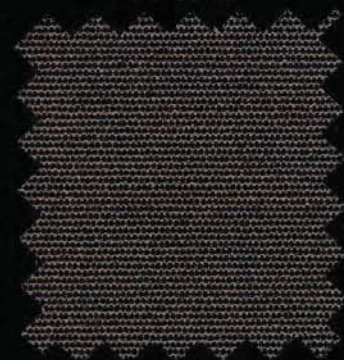
Q57 Wheat



Q58 Mushroom



U67 Canvas



U69 Cocoa



V41 Canyon



V39 Graphite



V40 Onyx

SheerWeave® Style 7000 BLACKOUT FABRIC

Specifications

■ Style 7000 is uniquely designed to provide total light blockage when complete room darkening is needed. With a broad range of decorator colors and the look and feel of rich cloth, Style 7000 will enhance the beauty and function of any room.

Fire Classification: California U.S. Title 19 (small scale), NFPA 701-2004 TM#1 (small scale), BS 5867 2008 Part 2 Type B Performance, CAN/ULC-S109-03 (large and small scale) and CAN/CGSB2-4.162-M80

Bacteria and Fungal Resistance: ASTM G21-96 and AATCC 174-1998 Part II and III

Environmental Certification: Certified to GREENGUARD and GREENGUARD Gold standards for low chemical emissions into indoor air during product usage

Lead Free: RoHS / Directive 2002/95/EC, US Consumer Product Safety Commission Section 101 and ANSI/WCMA A100.1-2007 for lead content

Acoustical Performance: NRC (Noise Reduction Coefficient) and SAA (Sound Absorption Average) tested in accordance with ASTM C423-09a

Acoustical Value: NRC .10 / SAA .08

Standard Use: Roll-up shade

Warranty: 5-year interior

Standard Widths: 94" and 118" (238.8cm and 299.7cm)

Standard Roll Length: 30 Linear Yards (27.4m)

Composition: 100% Polyester with Acrylic Foamed Backing

Mesh Weight: 13.41 oz/yd² (454.67 g/m²)

Fabric Thickness: .026 in (0.66mm)

Openness Factor: Opaque

Cleaning Instructions: Fabric should be regularly dusted/vacuumed as appropriate. If commercial spot cleaners are used, they must first be tested and allowed to dry on an inconspicuous area to ensure compatibility.

Railroading this fabric is not recommended.

Colors may vary slightly from swatch samples. All variations are within industry standards.



PRODUCT CERTIFIED FOR
LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818



Solar Heat Control Properties of Phifer SheerWeave Style 7000 Fabrics Installed Internally, Zero-Degree Profile Angle

Style No.	Color	* Solar Optical Properties				Shading Coefficient w/				
		TS	RS	AS	TV	Single			Insulating	
						1/8CL	1/4CL	1/4HA	1CL	1HA
P62	White	0	64	36	0	0.31	0.31	0.30	0.30	0.24
V40	Onyx	0	64	36	0	0.31	0.31	0.30	0.30	0.24

* Performance evaluations conducted by Matrix, Inc., Mesa, Arizona.

TS = Solar Transmittance 1/8 CL = 1/8" Clear Glass
RS = Solar Reflectance 1/4 CL = 1/4" Clear Glass
AS = Solar Absorption 1/4HA = 1/4" Heat Absorbing Glass
TV = Visual Transmittance 1 CL = 1" Insulating Clear Glass
1HA = 1" Insulating Heat Absorbing Glass

For complete technical information, current test results, performance specifications and larger samples, contact our Sun Control Marketing Dept.



411 S. Pearl St. Spiceland, IN 47385
Ph: 765-987-7999 Fax: 765-987-7142
www.draperinc.com

SHADE FABRIC REFERENCE GUIDE

PLEASE USE THIS FORM AS A REFERENCE.

Fabric name, color and number must be entered on the submittal form for the shade product being specified.

DRAPER

	Fabric Name	Interior Mesh	Interior Blackout	Exterior Mesh	Exterior Blackout	Interior Translucent	PVC Free
PHIFER	SheerWeave Basic						
	SheerWeave Infinity 2						
	SheerWeave Performance +						
	SheerWeave SW1000						
	SheerWeave SW2000 / 2100						
	SheerWeave SW2500 / 2400 / 2900 / 2600						
	SheerWeave SW2701 / 2703 / 2705 / 2710						
	SheerWeave SW3000						
	SheerWeave PW3500 / 4100 / 4400						
	SheerWeave PW4500 / 4600						
	SheerWeave PW4550 / 4650						
	SheerWeave PW4800						
	SheerWeave PW4901 / 4903						
	SheerWeave SW5000						
	SheerWeave SW7000						
	SheerWeave SW7100						
	SheerWeave SW7500						
MERMET	Avila Twilight						
	E Screen						
	E Screen with KoolBlack Technology						
	Deco Screen						
	Flocké						
	GreenScreen Evolve						
	GreenScreen Revive						
	M-Screen						
	Natte						
	S-Screen						
	Satine						
	T-Screen						
	T-Screen with KoolBlack Technology						
	Vienne						
	Vizela						
FERRARI	Soltis 86						
	Soltis 88						
	Soltis 92						
	Soltis B92						
	Soltis 99						
DRAPER	SunBloc SB9000						
	SunBloc SB9100						
ROCKLAND	Roc-Rol						
VERASOL	SilverScreen						
ALKENZ	3000 CA						
	3000 HT						
	3000 RR						
	3000 SS						
	View R						
	4000 NET						
	4700 P						
	4700 Q						
	Fabric Name	Interior Mesh	Interior Blackout	Exterior Mesh	Exterior Blackout	Interior Translucent	PVC Free

Dave Stein

From: DONALD SMITH JR <dwsjrpe@sbcglobal.net>
Sent: Monday, March 06, 2017 10:46 AM
To: Brumley, Jennifer; Dave Stein
Subject: Re: New Center for Emergency Services - Storm Chamber Substitution
Attachments: System Diagram East.PNG; System Diagram West.PNG; System Parameters East.PNG; System Parameters West.PNG; Triton v Stormtech compare.pdf; S-29.pdf

Jennifer,

The proposed Triton chambers appear to be a different profile (deeper) then the current design resulting in a smaller but deeper bed

As you are aware, this will change the outlet characteristics of the system requiring a redesign which may or may not be acceptable ??

Accordingly, your request for a substitution is rejected at this time

DWS

Donald W. Smith, Jr., P.E.
Consulting Engineer
 56 Greenwood Cr.
 Seymour, CT 06483
 (203) 888-4904

From: "Brumley, Jennifer" <JenniferBrumley@ndspro.com>
To: "dwsjrpe@sbcglobal.net" <dwsjrpe@sbcglobal.net>
Sent: Wednesday, March 1, 2017 5:01 PM
Subject: New Center for Emergency Services - Storm Chamber Substitution

Hello Mr. Smith,

I request approval of Triton Storm Chambers on New Center for Emergency Services Phase 2 project. Please find attached product information including a detailed system breakdown, diagram and parameters. These preliminary designs provide sufficient CF storage and a suggested footprint.

- Made in the USA, Triton SWS provides a true structural grade, soy based resin composite chamber that is five times stronger than the HS-20 requirement and significantly stronger than PP Copolymer and HDPE. Simply, our chambers are lighter, larger, stronger, and more cost efficient to install than traditional options.

- The S-29 Triton chamber would be a great fit on New Center for Emergency Services and as you will read it is more than equip to handle the job.
- The Strength of the Triton Chambers units exceeds other chambers on the market with its H-30 capabilities and can be buried up to 50'-0" in depth.
- The Triton chambers units are also designed so that they can be installed with minimal Labor 1 or 2 people versus 3 or 4 which can be a great labor cost savings.
- Our chambers are able to be double stacked which if needed can greatly reduce the footprint of the design and we also Warranty the double stack system unlike the competitors who shy away from stacking there chambers.
- Our chambers have a minimum cover of 6" of rock and 18" min depth of cover total to achieve a 48,000lb load rating, where other chamber systems need much more cover to achieve these ratings.
- Our chambers are drivable with 18" of cover excluding pavement layer during construction phase which can be useful to the site contractors allowing traffic over the chamber field.
- Our system also ship free on project quantities which can be cost savings to the purchasing party.
- Also, Triton's modular, stackable system provides a patented, easy to service Main Header Row that collects most sediment and debris before water enters distribution rows. There is also an easy maintenance, state of the art filter system available to facilitate grey water use or to target specific pollutants.
- Our website is quite comprehensive. Here's some additional product information for your review:
<http://www.ndspro.com/drainage/stormwater-chambers>

Please call or email me with questions.

Thank you,

NDS: We Put Water In Its Place

Powered by Our Core Values: Customer Focus • Teamwork • Communication • Integrity and Trust • Results

Jennifer Brumley
Project Services Representative
NDS, Inc.
851 N. Harvard Avenue
Lindsay 93247

[o]: +15597938594

JenniferBrumley@ndspro.com
www.ndspro.com

A Proud Member of NORMA Group

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Triton S-29 vs. Stormtech SC-740

LENGTH(in/mm)	Triton S-29 35/889	Stormtech SC-740 85.4/2170
WIDTH (in/mm)	59/1499	51/1295
HEIGHT (in/mm)	32/914.4	30/726
WEIGHT	32 lbs	74 lbs
BARE STORAGE (ft³/m³)	29/.82	45.9/1.3
INSTALLED STORAGE (ft³/m³)	40.4/1.14	74/2.1
TENSILE STRENGTH -ULTIMATE	21,755 psi	1,450-6,090 psi
TENSILE STRENGTH -YIELD	17,404 psi	7,980-11,500 psi
TENSILE MODULUS	1,741,000-2,248,000 psi	696-1,200 psi
FLEX MODULUS	1,600 ksi	550-1,100 ksi
FLEX YIELD STRENGTH	33,100 psi	6,960-21,000 psi
COMPRESSIVE STRENGTH	30,457 psi	7,980-12,000 psi
SHEAR STRENGTH	11,500 psi	N/A

SECTION 012300 - ALTERNATES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the Bidding Requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

- A. Coordination: Modify or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated modifications to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract. No extensions of time shall be granted for accepted alternates.
- D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 SCHEDULE OF ALTERNATES

- A. **ADD ALTERNATE NO. 1: Overhead Doors Type OH-2:** Add to the Base Bid the labor, material and equipment to provide and install Door Type OH-2 as indicated on Drawing A8.0 at Doors 130A, 130B, 130C and 130D in lieu of Door Type OH-1. Basis-of-Design for Door Type OH-2 is **TriCore 320** manufactured by Raynor.

END OF SECTION 012300

SECTION 085619 - SERVICE WINDOWS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:
 - 1. Sliding, transaction service windows (pass-through windows).

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for window units.
- B. Shop Drawings: For service windows.
 - 1. Include plans, elevations, sections, and attachments to other work.
 - 2. Full-size section details of framing members, including internal reinforcement and stiffeners.
 - 3. Hardware for sliding window units.
 - 4. Glazing details.
- C. Samples: For frame members with factory-applied color finishes.

1.4 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For qualified Installer.
- B. Welding certificates.
- C. Sample Warranty: For special warranty.
- D. Examination reports documenting inspections of substrates, areas, and conditions.
- E. Field quality-control reports documenting inspections of installed products.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An authorized representative who is trained and approved by manufacturer for installation of units required for this Project.
- B. Welding Qualifications: Qualify procedures and personnel according to the following:

1. AWS D1.2, "Structural Welding Code - Aluminum."

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Pack service windows in wood crates for shipment. Crate glazing separate from frames unless factory glazed.
- B. Inspect windows upon delivery for damage. Unless minor defects can be made to meet the Architect's specifications and satisfaction, damaged parts should be removed and replaced.
- C. Label service window packaging with drawing designation.
- D. Store crated service windows on raised blocks to prevent moisture damage.

1.7 FIELD CONDITIONS

- A. Field Measurements: Verify actual dimensions of openings by field measurements before fabrication.

1.8 WARRANTY

- A. Special Warranty: Manufacturer agrees to repair or replace service windows that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:
 - a. Structural failures including deflections exceeding 1/4-inch.
 - b. Failure of welds.
 - c. Faulty operation of sliding window hardware.
 - d. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
2. Warranty Period: One (1) year from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SLIDING, TRANSACTION SERVICE WINDOWS

- A. Provide horizontal-sliding, transaction service windows.
 1. Manufacturers:
 - a. C.R. Laurence Co., Inc.; **Florence**
 - b. Nabco Entrances, Inc.; **Model GT 1500**
 - c. Substitutions: Under provisions of Section 012500 "Substitution Procedures".
- B. Configuration: One (1) fixed-glazed panel and one (1) horizontal-sliding glazed panel.
- C. Framing: Fabricate perimeter framing, mullions, and glazing stops from aluminum as follows:
 1. Profile: Manufacturer's standard, with minimum face dimension indicated.

- a. Minimum Face Dimension: 1¼ inches.
 - D. Head, Jamb, and Sill Framing: Designed for gasket glazing.
 - E. Glazing Meeting Edges: Polished glazing.
 - F. Sliding Window Hardware: Provide roller track designed for overhead support of two- or four-wheel carriage supporting horizontal-sliding glazed panel. Provide manufacturer's standard pull and lock with two (2) keys for each horizontal-sliding glazed panel.
 - G. Glazing and Glazing Materials: Comply with requirements in Section 088000 "Glazing."
 - H. Materials:
 - 1. Aluminum Extrusions: ASTM B 221. Provide alloy and temper recommended by manufacturer for strength, corrosion resistance, and application of required finish, but not less than 22,000-psi ultimate tensile strength.
 - 2. Aluminum Sheet and Plate: ASTM B 209.
- 2.2 FABRICATION
- A. General: Fabricate service windows to provide a complete system for assembly of components and anchorage of window units.
 - 1. Prepare service windows for glazing unless preglazing at the factory is indicated.
 - B. Framing: Miter or cope corners the full depth of framing; weld and dress smooth.
 - C. Glazing Stops: Removable, coordinated with glazing indicated. Finish to match service window framing.
 - D. Welding: Weld components to comply with referenced AWS standard. To greatest extent possible, weld before finishing and in concealed locations to minimize distortion or discoloration of finish. Remove weld spatter and welding oxides from exposed surfaces by descaling or grinding.
 - E. Metal Protection: Separate dissimilar metals to protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape recommended by manufacturer for this purpose.
 - F. Weather Stripping: Factory applied.
- 2.3 GENERAL FINISH REQUIREMENTS
- A. Comply with NAAMM/NOMMA 500 for recommendations for applying and designating finishes.
 - B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

- C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.4 ALUMINUM FINISHES

- A. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.

2.5 ACCESSORIES

- A. Welding Rods and Bare Electrodes: Select according to AWS specifications for metal alloy welded.
- B. Miscellaneous Glazing Materials: Provide material, size, and shape complying with requirements of glass manufacturers and with a proven record of compatibility with surfaces contacted in installation.
 - 1. Cleaners, Primers, and Sealers: Type recommended by sealant or gasket manufacturer.
 - 2. Setting Blocks: Elastomeric material with a Type A Shore durometer hardness of 85, plus or minus 5.
 - 3. Spacers: Elastomeric blocks or continuous extrusions with a Type A Shore durometer hardness required by glass manufacturer to maintain glass lites in place for installation indicated.
 - 4. Edge Blocks: Elastomeric material of hardness needed to limit glass lateral movement (side walking).
- C. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187.
- D. Sealants: For sealants required within fabricated service windows, provide type recommended by manufacturer for joint size and movement. Sealant shall remain permanently elastic, non-shrinking, and nonmigrating.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of service windows.
- B. For the record, prepare written report, endorsed by Installer, listing conditions detrimental to performance of service windows.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Fastening to In-Place Construction: Provide anchorage devices and fasteners where necessary for securing service windows to in-place construction. Include threaded fasteners for inserts, fasteners, and other connectors.

- B. Glazed Framing: Provide gasket-glazed framing. Comply with installation requirements in Section 088000 "Glazing."
- C. Removable Glazing Stops and Trim: Fasten components with fasteners.
- D. Fasteners: Install service windows using fasteners recommended by manufacturer with head style appropriate for installation requirements, strength, and finish of adjacent materials.
- E. Sealants: Comply with requirements in Section 079200 "Joint Sealants" for installing sealants, fillers, and gaskets.
 - 1. Set continuous sill members and flashing in a full sealant bed to provide weathertight construction unless otherwise indicated.
 - 2. Seal frame perimeter with sealant to provide weathertight construction unless otherwise indicated.
- F. Metal Protection: Where dissimilar metals will contact each other, protect against galvanic action by painting contact surfaces with primer or by applying sealant or tape recommended in writing by manufacturer for this purpose. Where aluminum will contact concrete or masonry, protect against corrosion by painting contact surfaces with bituminous paint.

3.3 FIELD QUALITY CONTROL

- A. Inspect installed products to verify compliance with requirements. Prepare inspection reports and indicate compliance with and deviations from the Contract Documents.
- B. Perform additional inspections to determine compliance of replaced or additional work. Prepare inspection reports.
- C. Prepare field quality-control certification that states installed products and their installation comply with requirements in the Contract Documents.

3.4 ADJUSTING

- A. Adjust horizontal-sliding, transom service windows to provide a tight fit at contact points for smooth operation and a secure enclosure.
- B. Remove and replace defective work, including service windows that are warped, bowed, or otherwise unacceptable.

3.5 CLEANING AND PROTECTION

- A. Clean surfaces promptly after installation of service windows. Take care to avoid damaging the finish. Remove excess glazing and sealant compounds, dirt, and other substances.
 - 1. Lubricate sliding service window hardware.
- B. Provide temporary protection to ensure that service windows are without damage at time of Substantial Completion.

END OF SECTION 085619

(To be submitted in duplicate)

BIDDER:

Name

Address

To: Board of Selectman's Office
Old Town Hall
40 Main Street
North Stonington, CT 06359

Project: **New Center for Emergency Services**
Phase 2 – Construction
25 Rocky Hollow Road
North Stonington, Connecticut 06359

In preparing this bid, we have carefully examined the Bidding Documents for this Project. We have visited the site and noted the conditions affecting the Work.

The Bidding Documents referred to include Drawings and Project Manual dated October 14, 2016 entitled New Center for Emergency Services – Phase 2 Construction, North Stonington, Connecticut, prepared by Silver/Petrucelli + Associates, Inc., Hamden, Connecticut.

We propose to perform the work described in the Bidding Documents, in keeping with definitions of Article 1 of the Instructions to Bidders, for the Base Bid Sum of:

Base Bids:

Entire Project – Phase 2 for the Total Lump Sum Cost of:

_____ Dollars (\$) .00)
written figure

We will commence work on the project _____ calendar days after receipt of "Notice to Proceed" or signing of Contract. We will be able to substantially complete the project within _____ calendar days.

Bid Alternates:

The undersigned proposes to furnish all Labor, Materials, Equipment and Services necessary to construct the items listed in the Alternates described in Section 012300 for the stipulated sums of:

ADD ALTERNATE NO. 1: Overhead Doors Type OH-2: Add to the Base Bid a Total of:

_____ Dollars (\$) .00)
written figure

The project schedule will be increased by _____ calendar days to complete the work indicated under Alternate 1.

Allowances: (See Section 012100):

Allowance No. 1: Trench Rock Blasting

\$ _____

Allowance No. 2: Radio Tower System

\$ _____

Unit Prices:

As required by the Base Bid, should deteriorated or damaged materials be required to be removed as determined by the Architect or Owner, the cost to remove and replace the referenced material, (or credit for specified material not provided or installed) including all labor, material, equipment and related furnishings is as follows:

1. Trench rock blasting, removal and disposal off site

\$ _____/cy

If written notice of the acceptance of this Bid is mailed, telegraphed or delivered to the undersigned at the Address designated below, within ninety (90) calendar days after the date of Bid Opening, or any time thereafter before this Bid is withdrawn, the undersigned will, within ten (10) calendar days after the date of mailing, telegraphing or delivering of the notice, execute and deliver a contract in the Agreement Between the Town of North Stonington and Contractor as provided in this project manual.

The undersigned acknowledges that he has examined the Bidding Documents, visited and examined the site as required under "Instructions to Bidders", examined the availability of labor and materials and further agrees to comply with all the requirements as to the conditions of employment and wage rates set forth in the Contract Documents.

Addenda:

The undersigned acknowledges receipt of the following addenda to the Contract Documents, listed by number and date:

Number , Dated: _____

Number , Dated: _____

Number , Dated: _____

Number , Dated: _____

Exceptions:

ATTACHMENTS – Attached hereto (by Contractor) is:

1. Bid Bond
2. CHRO Bidder Contract Compliance Monitoring Report

NON-COLLUSIVE BID STATEMENT

The undersigned bidder certifies that his bid is made independently and without collusion, agreement, understanding, or planned course of action with any other bidder and that the contents of his bid shall not be disclosed to anyone other than his employees, agents, or sureties prior to the official bid opening.

Date: _____

Signature: _____

Printed Name and Title
of Agent submitting bid: _____

Name of Company: _____

Address: _____

Telephone Number: _____

Fax Number: _____

Email: _____

This Bid may be withdrawn prior to the scheduled Bid Opening or any postponement thereof.

Appendix Q - Sections of a Certificate of Insurance

TYPE OF INSURANCE: Section contains six main sections, General Liability, Automobile Liability, Garage Liability, Excess/Umbrella Liability, Workers Compensation and Employers' Liability, and Other.

- 1.) **General Liability** – This coverage is provided for protection from liability arising out of the insured's premises or operations, products or completed operations. Included in this section should be whether coverage is being provided on a claims-made basis or an occurrence basis. The event which triggers coverage is the main difference between these two forms. In an occurrence form policy coverage is provided for occurrences taking place during the policy period regardless of when an actual claim is made or reported. With a claims-made policy the occurrence must have taken place during the policy period and the claim must also be made or reported during the policy period for coverage to apply.

Coverage that may be listed in the General Liability Section

- a.) Commercial General Liability (CGL) - The CGL policy is widely used to provide commercial enterprises with premises and operations liability coverage, products and completed operations insurance and personal injury coverage. Premises medical payments coverage is often included as well.
- b.) Products & Completed Operations - This insurance covers for damage or injury to third parties resulting from something a contractor made, repaired or installed. The damage to third parties resulting from the service would be covered not the contractors actual product.
- c.) Owners and Contractors Protective Liability OCP - If or when added these policies provide specific separate coverage limits which are contract or job specific. For the municipality to be issued these policies it must be named as an additional insured on the policy. (see additional insured section of this guide)

General Liability Limits

The limits section under General Liability should specify the amounts of coverage conforming to the requirements of the municipality's contract.

- a.) Each Occurrence - Under the Limits section of the certificate Each Occurrence refers to the maximum amount the policy will pay for an occurrence regardless of the total cost of damages.
- b.) Medical Expenses (any one person) - This is a no fault medical expense coverage provided to third parties injured on premises you own, rent, or on ways next to these premises because of your operations.
- c.) General Aggregate - Refers to the most an insurance policy will pay in a given policy period regardless of the number of insureds or claims.
- d.) Products-Completed Operations Aggregate - This refers to the maximum amount an insurance policy will pay in a given policy period for liability arising out of the products-completed operations hazard. Ordinarily coverage for completed operations would not be provided to the additional insured. This coverage for the additional insured would end upon the completion of the job. If a municipality is intending to have liability coverage extended past the completion date then the contract should have in it this request. Additionally, a Certificate of Insurance should be provided as evidence of this extended coverage. Examples include products that are sold, handled or distributed by a supplier or work completed by a contractor.

- 2.) **Automobile Liability** - This liability coverage is for losses caused by bodily injury to persons and legal liability imposed on the insured for such injury or for damage to the property of others arising out of ownership or use of an automobile. This section is particularly important when a service provider will be operating any vehicles. To be sure that the adequate coverage is available so that a municipality is protected from a loss the municipality should be familiar with the below sections of the certificate of insurance which may include the following:
- a.) Any Auto - When indicated this is the broadest coverage and includes any auto regardless of ownership
 - b.) All Owned Autos - When indicated this coverage is only for those autos owned by the insured and any trailers they don't own that are attached to the owned autos.
 - c.) Scheduled Autos - When indicated this is coverage only for autos that are listed in the Policy Declaration's section of the policy. This is in addition to any non-owned trailers while attached to covered autos.
 - d.) Hired Autos - Coverage only for autos the insured has leased, hired, rented or borrowed from employees or members of their households.
 - e.) Non-owned Auto - Only those autos owned, leased, hired, or borrowed by the Named Insured which are used for business. This also includes coverage for autos of the insurer's employees, partners and their families for business use.
- Automobile Liability Limits**
- a.) Combined Single Limit (each accident) - The maximum that the policy will pay for third party bodily injury and property damage combined for each accident.
 - b.) Bodily Injury (per person) - The maximum that the policy will pay for bodily injury to one person from each accident.
 - c.) Bodily Injury (per accident) - The maximum that the policy will pay for bodily injury from each accident regardless of the number of individuals injured.
 - d.) Property Damage - The maximum that the policy will pay for third party property damage resulting from one accident.
- 3.) **Garage Liability** - This liability covers garage operators for liability, medical payments and automobile physical damage arising out of the operations of auto dealers, service stations, auto repair shops and parking lots. Typically it includes General Liability coverage for garage operations.
- 4.) **Garagekeepers' Legal Liability Coverage** - This coverage is for autos left for service, repair, storage, or safekeeping. The limits of coverage should be high enough to cover the total value of any autos left for safekeeping at any time.
- 5.) **Excess Liability and Umbrella Liability** - These policies provide coverage for losses that exceed the limits of the underlying insurance coverage(s). Although the general function of these policies is similar they are quite different.
- a.) Excess Liability Policy - Coverage under this policy extends the limits of liability of the underlying policy or policies by picking up the exposure where the underlying policy leaves off. A "drop down" clause if used says if the underlying limits are exhausted through the payments on claims the excess policy will drop down and act as primary insurance. Excess policies may be provided by either a "stand alone form" or a "following form". A "stand alone" policy relies exclusively on its own policy terms, conditions, and exclusions which are different from the underlying policy. A "following" form policy honors the specific terms of the underlying coverages it supplements. It is therefore very important to review the excess and underlying policy's terms, conditions and exclusions when dealing with both forms. (See Reviewing Third Party Policies section of this guide)

- b.) **Umbrella Liability Policy** - This coverage is the broadest form of this type of insurance oftentimes broader in its coverage scope than the primary underlying policy or policies. Umbrella liability policies require that the insured maintain certain underlying coverages, up to stipulated limits of liability, during the policy term. Therefore, virtually every umbrella policy contains a schedule of underlying coverages. Requirements for underlying insurance vary by insurer.

It is important to note that some policy coverage is subject to a self insured retention (SIR). The SIR, if seen on a certificate of insurance, means the responsibility for claim payment and settlement is placed largely or entirely on the shoulders of the policy holder. The insured is typically required to pay the defense and other allocated expenses as well as indemnity payments until the retention is paid. After this amount is paid the insurer assumes full responsibility for the claim. Also, depending on the policy, the insured may be responsible in defending and indemnifying additional insureds added to the policy until the SIR amount is paid.

- c.) **Each Occurrence** - Refers to the maximum that the excess policy will pay for liability arising out of one occurrence regardless of the total amount of damages. The limit does not increase regardless of the number of insureds, claims made, or people injured.
- d.) **Aggregate** - Refers to the total amount the excess policy will pay in a given policy period regardless of the number of claims or occurrences. (This is like an annual cap on claims payments). It is important to note however that if the policy holder has made claim payments or has claims with reserves set aside the Certificate of Insurance will not indicate this. If a municipality wants to be sure that the excess policy limits are not exhausted or reduced significantly it will need to request and review a current loss report of the insured.

- 6.) **Workers' Compensation and Employers Liability** - This liability coverage is provided to cover for bodily injury, sickness, or disease sustained by employees of the other party occurring in the course and scope of their employment. As a best practice a municipality should always require evidence of workers compensation coverage from all vendors and contractors with employees.

- a.) **WC Statutory Limits** - Required to comply with State Statutes so that a party's compensation coverage will provide the appropriate amount.

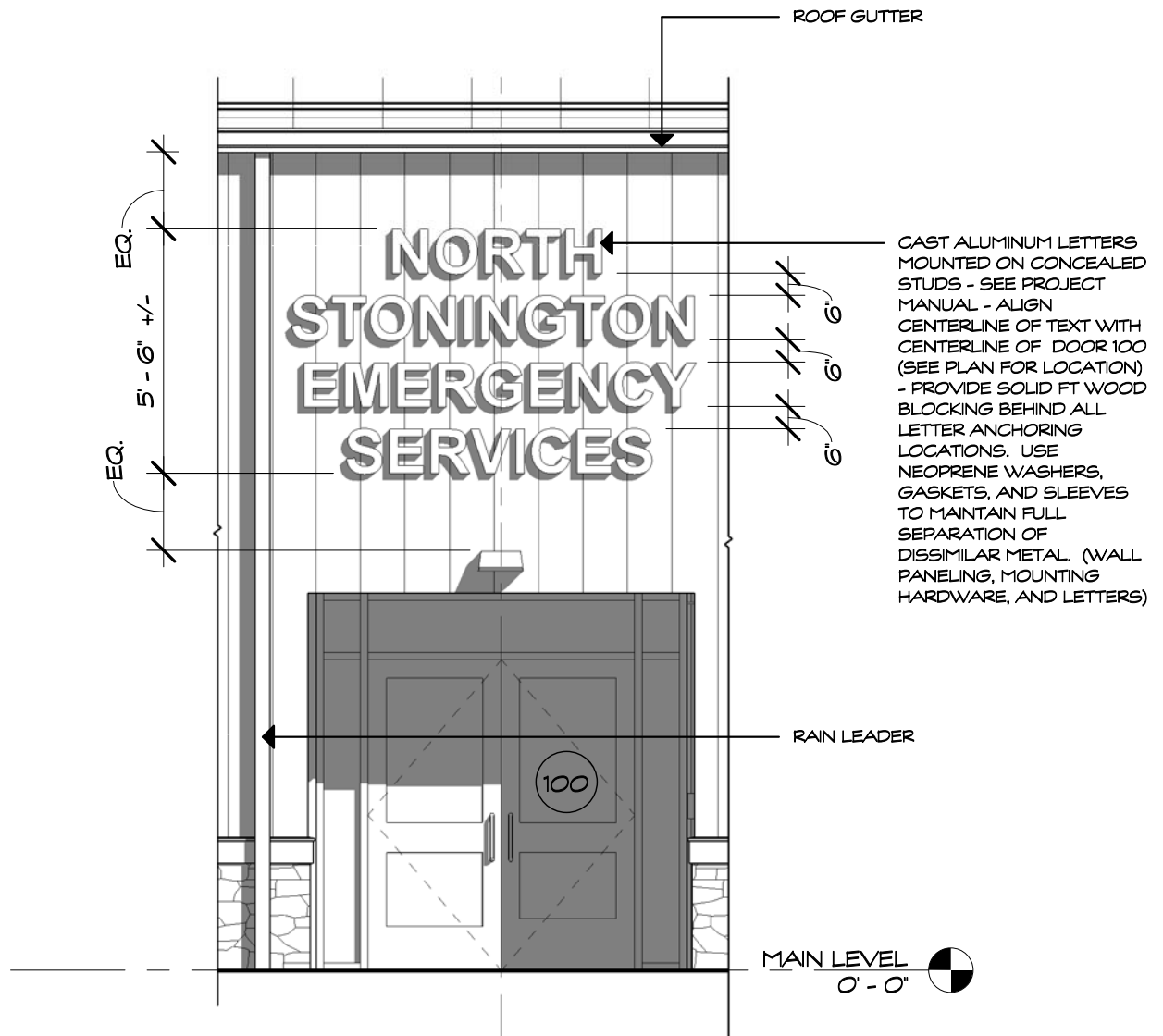
- 7.) **"OTHER" Section** - These coverages may include if applicable;

- a.) **Professional Liability or Errors or Omissions Coverage** - This coverage is used by licensed and accredited specialists such as Engineers, Architects, Information technology specialists (such as IT, computer programmers etc) and non-licensed professionals such as recorders, testing facilities, laboratories etc. It covers financial loss when the covered person fails to perform their professional duty and is specific to the nature of the profession. Coverage extends to malpractice, misconduct, negligence, errors, omissions, or incompetence in the performance of a covered act.
- b.) **Contractors Pollution Liability** - This coverage is used to provide coverage for third party claims for bodily injury and/or property damage and for remediation costs stemming from pollution incidents resulting from the contractor's covered operations. Types of companies that obtain this type of insurance include General Contractors, Trade Contractors (including HVAC, paving, carpentry and concrete), Specialty contractors (foundation, pipeline and tank installation, drillers) and Remediation contractors. Optional coverage enhancement can include; Over the road pollution for the transportation operations of the insured, temporary storage of contaminants on the insured's property, loading and unloading of vehicles at the job site.

- c.) Owners And Contractors Protective Liability (OCP) - This policy is for coverage that handles a special risk of loss faced by property owners and general contractors during building projects. These parties could be sued because of the actions of subcontractors that they have hired and then supervised. This indirect responsibility for the actions of others is called vicarious liability. Under an OCP, and insured is protected against a lawsuit claiming harm or damage caused by work that an independent contractor does for the insured. It also covers liability related to the insured's responsibility of supervising such contractors.
- d.) Fire Damage Legal Liability - This is included in most, but not all general liability policies and provides coverage if a party is legally responsible for any fire damage to a building leased rented or borrowed.

8.) Additional sections of a Certificate of Insurance:

- a.) Producer - This identifies the insurance agent or broker who represents the insured that procured the insurance coverage for the insured party.
- b.) Insured - This section identifies the party that has purchased the insurance coverage(s) that are listed on the Certificate of Insurance and considered to be the named insured. The named insured should be the party or contractor that municipality is contracting with and required to provide coverage.
- c.) Certificate Holder - This should be the complete name and address of the municipality.
- d.) Insurers Affording Coverage - This section identifies the insurance company or companies issuing the policy(ies).
- e.) Description of Operations/Locations/Vehicles/Exclusions added by endorsement/Special Provisions - This section is reserved for identifying such things as addition insured, descriptions of activities, places, events and dates of these activities and events.
- f.) Policy Number - The General Liability Policy Number should be listed in this section. Should a claim or loss occur this number will be needed to access the necessary coverage in the policy.
- g.) Policy Effective Date/Policy Expiration Date - It is very important to pay close attention to these two dates listed. These dates will indicate the inception of the policy and when it expires. It is very important to be sure that coverage on the policy does not expire before or during a project or lease.



PARTIAL WEST EXTERIOR ELEVATION (MAIN ENTRY) - WALL MOUNTED SIGNAGE

SCALE: 1/4" = 1'-0"



Project Title:

Town of North Stonington
New Center for Emergency Services
25 Rocky Hollow Road
North Stonington, Connecticut 06359

SILVER / PETRUCELLI + ASSOCIATES
Architects / Engineers / Interior Designers

3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucelli.com

Drawing Title:

WALL MOUNTED
EXTERIOR
SIGNAGE DETAIL

Date:

03/05/17

Scale:
1/4" = 1'-0"

Drawn By:

Author


Project Number:
13.220


Drawing Number:

SKA
2A


COMMUNICATIONS/SECURITY LEGEND

(NOT ALL SYMBOLS ARE USED)


- 

TELEPHONE JACK LOCATION. PROVIDE 4" SQUARE BOX, 1-GANG RING AND 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING.
- 


W

FLUSH OUTLET BOX FOR WALL MOUNTED TELEPHONE, MOUNTED 48" AFF OR AT HEIGHT INDICATED ON PLAN WITH 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING.
- 


DX

DATA OUTLET. 4" X 4" OUTLET BOX WITH A 1-GANG COVER. MOUNT 18" AFF OR AT HEIGHT INDICATED ON PLAN WITH 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. DX = NUMBER OF DATA OUTLETS.
- 


VX
DX

VOICE/DATA OUTLET, 4" X 4" OUTLET BOX WITH A 1-GANG COVER. MOUNT 18" AFF OR AT HEIGHT INDICATED ON PLAN WITH 1" CONDUIT TO 6" ABOVE ACCESSIBLE CEILING. V:X/D:X = NUMBER OF VOICE/DATA PORTS.
- 

AV


AUDIO/VISUAL OUTLET. 4" X 4" OUTLET BOX WITH A 2-GANG COVER. MOUNT 18" AFF OR AT HEIGHT INDICATED ON PLAN WITH (2) 1.25" CONDUITS TO 6" ABOVE ACCESSIBLE CEILING. COORDINATE OUTLET & CABLING REQUIREMENTS (HDMI, VGA, AUDIO, ETC.) WITH OWNER
- 


AV

FLUSH CEILING MOUNTED AUDIO/VISUAL OUTLET. PROVIDE 4" X 4" OUTLET BOX WITH A 2-GANG MUD RING AND COVER. COORDINATE OUTLET & CABLING REQUIREMENTS (HDMI, VGA, AUDIO, ETC.) WITH OWNER
- 


TV


3

TV COAXIAL JACK LOCATION. PROVIDE NEW JACK & COAXIAL CABLE TO HEADEND EQUIPMENT ALONG WITH ADJACENT DUPLEX RECEPTACLE. COORDINATE REQUIREMENT OF JACK & CABLE WITH OWNER AND SYSTEM INSTALLER. SEE ALSO CATV SYSTEM NOTES AND DETAIL ON DRAWING E401
- 


8" RECESSED CEILING SPEAKER W/RECESSED VOLUME CONTROL AND 70 VOLT MULTI-TAP TRANSFORMER. BOGEN #S810T725PG8UVR
- 

SS


10" DIA SURFACE MOUNTED HIGH VOLUME LOUDSPEAKER W/LINE MATCHING TRANSFORMER (TX30). SOUNDSPHERE #Q-6
- 

WALL MOUNTED INDOOR/OUTDOOR HORN TYPE LOUDSPEAKER, COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS. BOGEN #SPT15A
- 


V

SINGLE GANG VOLUME CONTROL SWITCH; MOUNT AT 48" AFF. BOGEN #AT10A
- 

M

INTERCOM MASTER CONTROL STATION
- 

S

INTERCOM REMOTE STATION "SLAVE"
- 

CCTV

CEILING MOUNTED DOME TYPE SECURITY CAMERA (CONTRACTOR SHALL INSTALL CAT 6 CABLE FROM CAMERA BACK TO I.T. CLOSET #108)
-

CCTV

WALL/ARM MOUNTED DOME TYPE SECURITY CAMERA, "WP" INDICATES WEATHERPROOF EXTERIOR CAMERA (CONTRACTOR SHALL INSTALL CAT 6 CABLE FROM CAMERA BACK TO I.T. CLOSET #108)

Project Title:

Town of North Stonington
New Center for Emergency Services
25 Rocky Hollow Road
North Stonington, Connecticut 06359



SILVER/PETRUCELLI + ASSOCIATES

Architects / Engineers / Interior Designers
3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9907 Fax. 203 230 8247
silverpetrucelli.com

Drawing Title:

TECHNOLOGY
SYMBOLS, NOTES &
ABBREVIATIONS

Drawing Number:

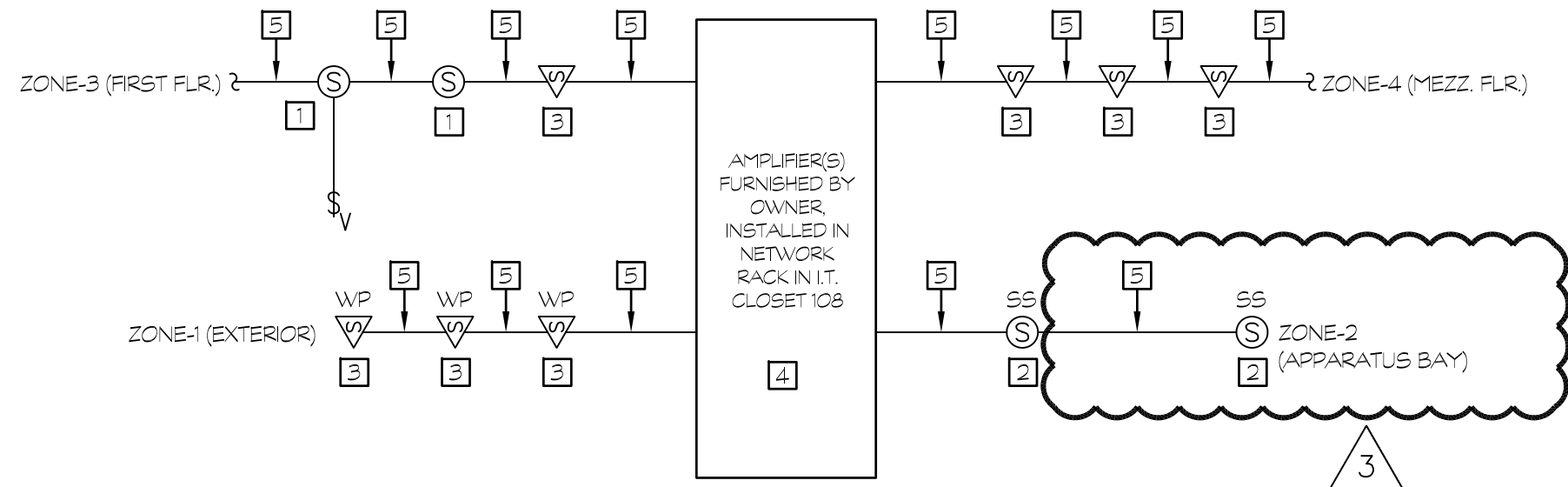
SKT1

Date: 3/09/17

Scale: NONE

Drawn By: SEC

Project Number: 19290



PA SYSTEM RISER DIAGRAM
NTS

PA NOTES:

- 1 SPEAKER SHALL BE RECESSED IN CEILING WITH TILE BRIDGE AND BACK BOX (TYPICAL, REFER TO PLANS FOR QUANTITY)
- 2 SPEAKER SHALL BE SURFACE MOUNTED (REFER TO PLANS FOR QTY.)
- 3 SPEAKER SHALL BE WALL MOUNTED, COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL ELEVATIONS (TYPICAL, REFER TO PLANS FOR QUANTITY)
- 4 TERMINATIONS AND PROGRAMING WITHIN PA SYSTEM EQUIPMENT SHALL BE PERFORMED BY AN AUTHORIZED & CERTIFIED REPRESENTATIVE. RADIO COMMUNICATION EQUIPMENT FURNISHED BY OTHERS.
- 5 ALL HOMERUNS SHALL BE ROUTED BACK TO PA SYSTEM EQUIPMENT IN I.T. CLOSET #108. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL SPEAKERS, SWITCHES AND WIRING (16 GAGE, JACKETED TWISTED PAIR, STRANDED WIRE).

SKT2

Date: 9/09/17
Scale: NONE
Drawn By: SEC
Project Number: 19220

TECHNOLOGY
ONE LINE DIAGRAM &
DETAILS

SILVER/PETRUCELLI + ASSOCIATES



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