



Serial No. RA-19-024
MPS NSSL/LD R0

Melanie A. Bachman
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

DEC 06 2019

**Re: Dominion Energy Nuclear Connecticut, Inc. – Notice of Exempt Modification
Millstone Power Station – Installation of New Kelly Storage Building**

Dear Ms. Bachman:

As you are aware, Dominion Energy Nuclear Connecticut, Inc (DENC) owns and operates the Millstone Power Station (MPS) in Waterford, Connecticut. In an effort to improve overall station reliability, DENC plans to purchase a new Kelly Klosure storage building which will be utilized to store construction materials indoors and out of the weather on our site. The new building will be located on a 40-foot by 50-foot concrete pad to the north of building 454 (see MPS Facilities Site Plan included in Attachment 1). Vendor drawings for the new building are included in Attachment 2.

Please accept this letter as notification pursuant to R.C.S.A 16-50j-58, for construction that constitutes an exempt modification pursuant to R.C.S.A SS 16-50j-57(b)(2). In accordance with R.C.S.A SS16-50j-58, a copy of this letter is being sent to Robert J. Brule, First Selectman for the Town of Waterford and Abby Piersall, Waterford's Planning Director.

The planned facility modification at MPS described above does not constitute a modification to an existing energy facility that may have a substantial adverse environment effect as defined in R.C.S.A SS16-50j-57(b)(2).

1. The new building will not require an extension or expansion of the MPS site boundaries.
2. The installation of the new building will not result in an increase in height of any associated equipment or buildings at MPS.
3. The installation of the new building will not result in an increase in noise at the MPS site boundary by 6 decibels or more, or to levels that exceed state or local criteria.

4. The installation of the new building will not cause an increase in the electric or magnetic field levels at the MPS boundary.
5. The installation of the new 40-foot by 50-foot concrete pad and the new building will not cause any significant or adverse change or alteration in the physical or environmental characteristics at the MPS site.
6. The installation of the new building will not impact the structural integrity of any buildings or structures at the MPS site.

For these reasons, DENC submits that the modifications described above to MPS constitute an exempt modification under R.C.S.A. 16-50j-57(b)(2).

Sincerely,



Lori J. Armstrong
Director, Nuclear Station Safety and Licensing

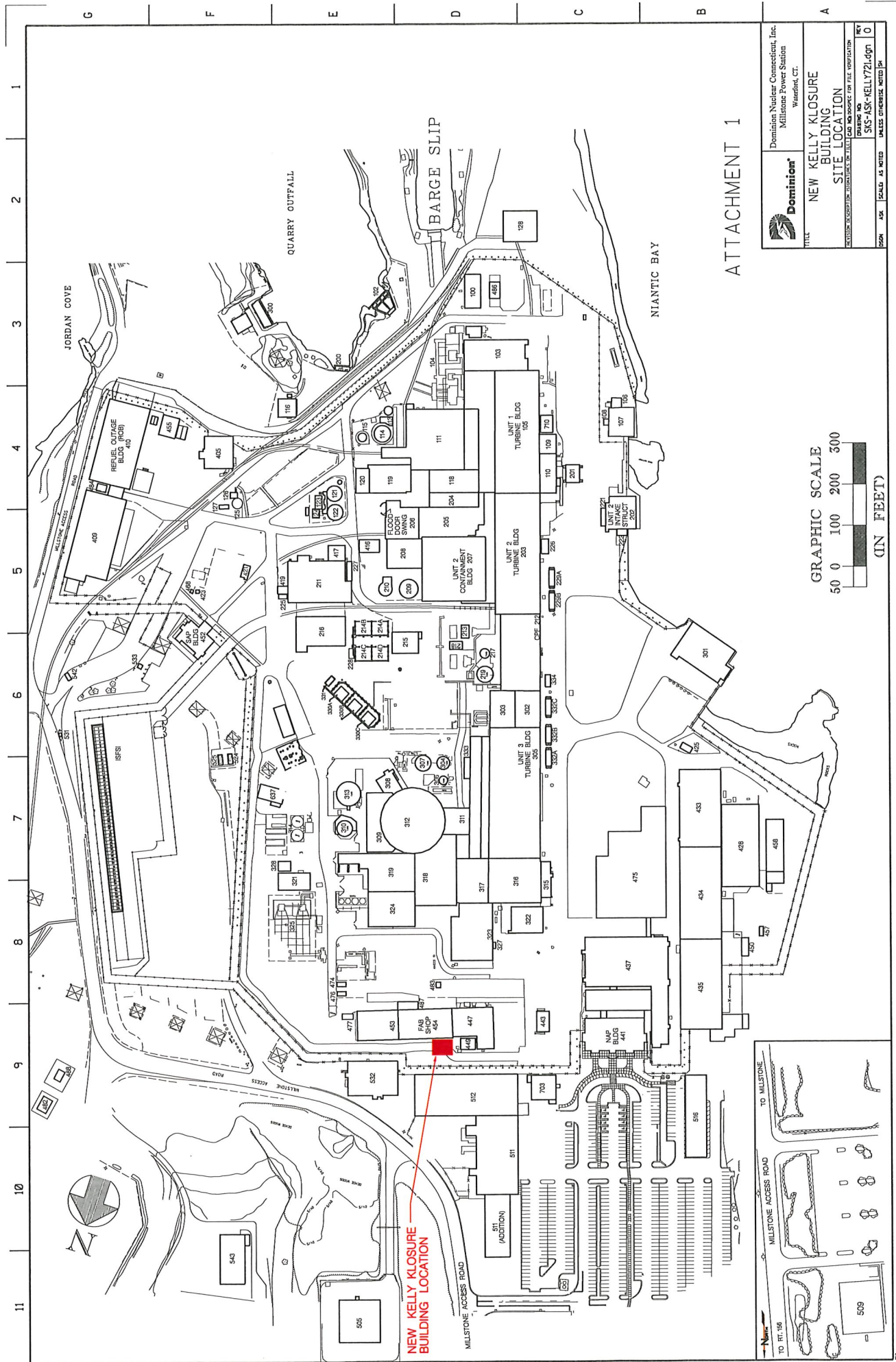
Attachments:

1. MPS Facilities Site Plan
2. Kelly Klosure vendor drawings
3. Check for filing fee

ATTACHMENT 1

MILLSTONE POWER STATION SITE PLAN

MILLSTONE POWER STATION
DOMINION ENERGY NUCLEAR CONNECTICUT, INC. (DENC)




 Dominion Nuclear Connecticut, Inc.
 Millstone Power Station
 Waterford, CT.

TITLE
 NEW KELLY KLOSURE
 BUILDING
 SITE LOCATION

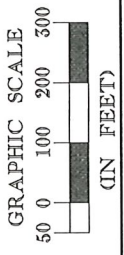
DATE
 08/11/10

DESIGNED BY
 SWS-ASK-KELLY2L.dgn

CHECKED BY
 SWS-ASK-KELLY2L.dgn

SCALE
 AS SHOWN

DATE
 08/11/10



ATTACHMENT 1

ATTACHMENT 2

KELLY KLOSURE VENDOR DRAWINGS

MILLSTONE POWER STATION
DOMINION ENERGY NUCLEAR CONNECTICUT, INC. (DENC)

PRELIMINARY DRAWINGS
 FOR A 48'W X 16'-2"H EAVE X 36'L BUILDING



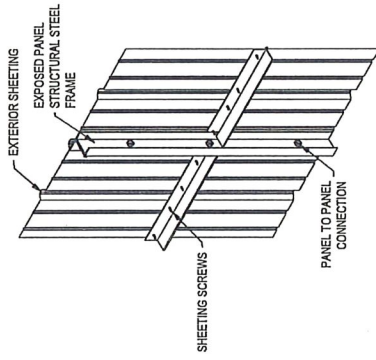
PROJECT: NSS STORAGE
 WATERFORD, CT 06385
 BUYER: DOMINION ENERGY MILLSTONE
 QUOTE #: 190730DW1R3

REVISION DATE	COMMENTS	INITIALS
00	08/05/19 INITIAL RELEASE	JDH
01	10/29/19 ADDED DOOR TO "LEFT" ELEVATION	APC
02	11/19/19 REVISED DOORS, ADDED LOUVERS	APC

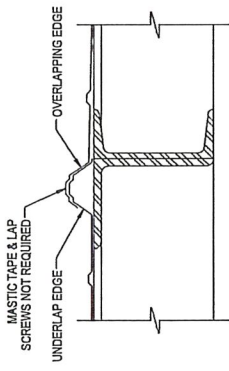
- 1) BUILDING STRUCTURE
- A) BUILDING STRUCTURAL DESIGN CRITERIA
- a) BUILDING CODE: 2015 IBC
 - b) ROOF LOAD: 30 PSF (GROUND SNOW LOAD)
 - c) SNOW/DRIET LOAD: NONE
 - d) WIND LOAD: 150 MPH, 3 SECOND GUST
 - e) SEISMIC: DESIGN CATEGORY "B", SOIL CLASS "D"
 - f) RISK CATEGORY: II

- B) THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE BUILDING CODE AND BASIC STRUCTURAL DESIGN DATA LISTED ABOVE. THE BUILDING HAS BEEN DESIGNED AND ENGINEERED FROM A STRUCTURAL ASPECT ONLY. OTHER CODE COMPLIANCE ISSUES SUCH AS ENERGY EFFICIENCY, OCCUPANCY EGRESS, HVAC, ELECTRICAL, MECHANICAL, FIRE SAFETY, ETC. IS THE RESPONSIBILITY OF THE END USER OR ITS REPRESENTATIVES. MATERIAL SPECIFICATIONS ARE AVAILABLE UPON REQUEST.
- C) THESE DRAWINGS ARE PRELIMINARY AND ARE NOT TO BE USED FOR APPROVAL OR CONSTRUCTION.
- D) COMPLETE APPROVAL DRAWINGS INCLUDING REQUIRED FOUNDATION SIZE ARE PROVIDED UPON ORDER AND BEFORE FABRICATION OF THE BUILDING. CONTACT KELLY KLOSURE SYSTEMS BEFORE POURING CONCRETE FOUNDATIONS (IF APPLICABLE), FOUNDATION SIZE OR COMPLETE APPROVAL DRAWINGS CAN BE PROVIDED AHEAD OF ORDER IF REQUIRED. CONTACT KELLY KLOSURE SYSTEMS (800228-7230)

- 2) PANEL COMPONENTS AND FINISHES (SEE PANEL COMPONENTS ISOMETRIC)
- A) PANEL FRAMES & STRUCTURAL STEEL COMPONENTS
- a) PPG AQUACRON M447 WATER REDUCIBLE ALKYD PRIMER
- B) EXTERIOR STEEL SIDING AND ROOFING
- a) 26 GA. 34" RIBBED "STANDARD RIB" DOES NOT REQUIRE SEAL TAPE OR STITCH SCREWS AT OVERLAPS
 - b) SIDING AND ROOFING TO BE GALVALUME COATED WITH PRIMER AND SILICONE MODIFIED POLYESTER PAINT FINISH
- C) FACTORY INSTALLED INSULATION
- a) NONE
- D) FACTORY INSTALLED STEEL INSULATION LINER
- a) NONE
- 3) GUTTER SYSTEMS
- a) GUTTER & DOWNSPOUTS ARE NOT SUPPLIED BY KELLY



TYPICAL PANEL ISOMETRIC



OVERLAP DETAIL

COLOR SCHEDULE

CHOOSE COLORS ACCORDING TO CHARTS LOCATED AT:
<http://www.kellyklosure.com/resources>
 CLICK ON: [Resources](#)

ITEM	COLOR OR FINISH REQUESTED
ROOF SHEETING & RIDGE CAP	
WALL SHEETING & BASE FLASHING	
VERTICAL CORNER FLASHING	
EAVE & GABLE FLASHING	
GUTTERS	NONE SUPPLIED
DOWN SPOUTS	NONE SUPPLIED
PERS. & EQUIPMENT DOOR TRIM	
PERSONNEL DOORS	MFG. STANDARD GRAY
EQUIPMENT DOORS	MEDIUM GRAY
INTERIOR LINER	NONE SUPPLIED WHITE PRIMED EXTERIOR SHEETING EXPOSED
EXPOSED INTERIOR STRUCTURAL STEEL	STANDARD RED PRIMER

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 ADDRESS: P.O. BOX 1058
 FREMONT, NE 68026
 PHONE: 800-228-7230
 FAX: 402-727-1363
 WEB: KELLYKLOSURE.COM

COVER PAGE

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PROJECT TITLE: NSS STORAGE
 WATERFORD, CT 06385

DATE: 8/5/2019
DRAWN BY: JDH
KELLY DOCUMENT #: APC
CHECKED BY: APC
DATE: 11/19/2019
REVISION: 02
DATE: 11/19/2019
SCALE: 1:1
KELLY QUOTE NUMBER: 190730DW1R3

BUYER: DOMINION ENERGY MILLSTONE
BUYER P.O. NUMBER:

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DATE:	1/19/2019
REVISION:	02
DATE:	1/19/2019
SCALE:	1:128
KELLY QUOTE NUMBER:	1907300V1R1

PROJECT TITLE: **NSS STORAGE WATERFORD, CT 06385**

BUYER: **DOMINION ENERGY MILLSTONE**

BUYER P.O. NUMBER:

KELLY ORDER NUMBER:

PAGE TITLE: **PLAN VIEW**

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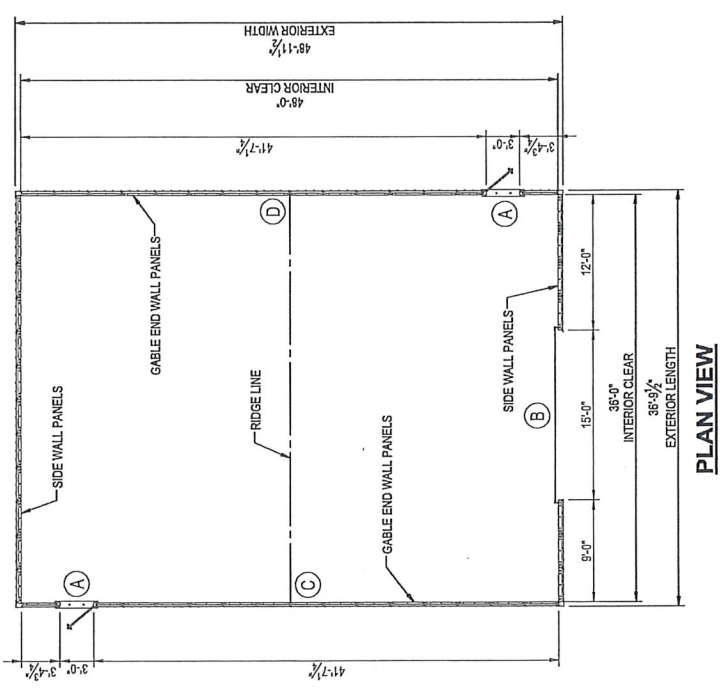
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FAX: **402-727-1363**

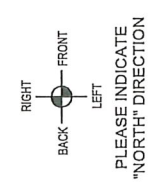
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MARK NO.	DESCRIPTION
(A)	5'-0" W X 7'-0" H PERSONNEL DOOR (SWING AS SHOWN ON PLAN VIEW)
(B)	15" W X 12" H UNINSULATED OVERHEAD DOOR MODEL 620 HEAVY-DUTY SLAT STYLE ROLLING STEEL DOOR W/MANUAL CHAIN OPERATOR
(C)	24" X 24" X 4" DEEP FIXED LOUVER W/ BIRD SCREEN & DAMPER
(D)	LOUVER: 22 GAUGE GALVANIZED STEEL - DAMPER: DAYTON MODEL 1C74S GRAVITY DAMPER 24" X 24" X 4" DEEP FIXED LOUVER W/ BIRD SCREEN, FAN & DAMPER LOUVER: 22 GAUGE GALVANIZED STEEL - FAN & DAMPER: DAYTON MODEL 1HLA8 - DIRECT DRIVE, SINGLE SPEED W/ GRAVITY DAMPER - 115 V / 60 HZ / 3.5 AMP - 1/4" HP / 1725 RPM - 3948 CFM (0.0 - IN. SP)

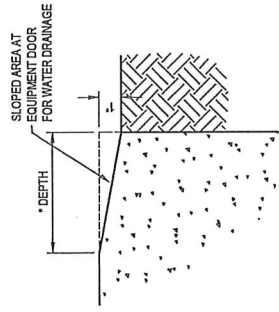


PLAN VIEW

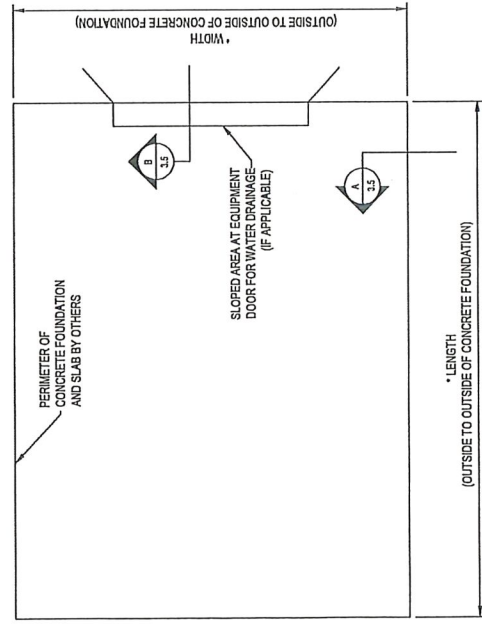


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- IMPORTANT NOTES**
1. THIS FOUNDATIONS FOR EXAMPLE PURPOSES ONLY TO ILLUSTRATE THE SIMPLE TYPES OF FOUNDATIONS NEEDED BY THE KELLY KLOSURE BUILDING SYSTEM.
 2. COMPLETE APPROVAL DRAWINGS INCLUDING REQUIRED FOUNDATION SIZE ARE PROVIDED UPON ORDER AND BEFORE FABRICATION OF THE BUILDING. CONTACT KELLY KLOSURE SYSTEMS BEFORE POURING CONCRETE FOUNDATIONS (IF APPLICABLE), FOUNDATION SIZE OR COMPLETE APPROVAL DRAWINGS CAN BE PROVIDED AHEAD OF ORDER IF REQUIRED, CONTACT KELLY KLOSURE SYSTEMS (800)228-7230).
 3. USERS ARE TO ESTABLISH SIZE AND REINFORCEMENT REQUIREMENTS FOR FOUNDATIONS TO ACCOMMODATE SITE SOIL CONDITIONS AND LOCAL FROST DEPTH.
 4. PRESETTING OF ANCHOR BOLTS IS NOT REQUIRED. HILTI KH-EZ SCREW ANCHORS WILL BE INSTALLED AS THE BUILDING IS ERECTED.
 5. BUILDING BASE REACTIONS ARE AVAILABLE UPON REQUEST.

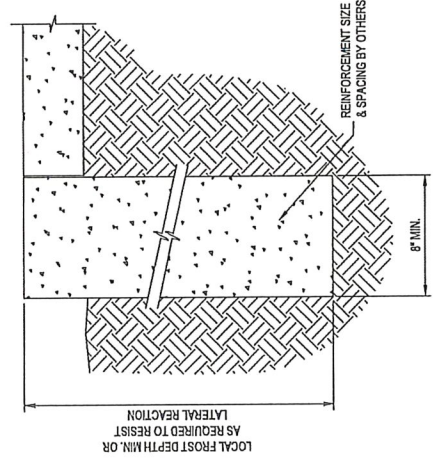


B EQUIPMENT DOOR RAMP SECTION
3.5

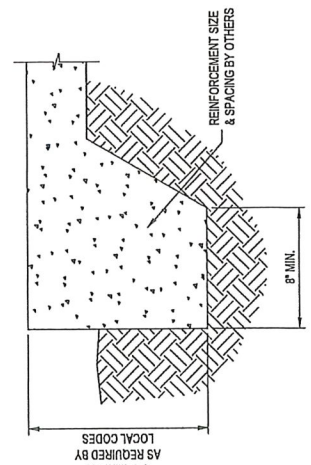


EXAMPLE FOUNDATION PLAN VIEW

* DIMENSION PROVIDED WITH APPROVAL DRAWINGS



A TRENCH FOOTING OPTION
3.5



A THICKENED EDGE SLAB OPTION
3.5

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DATE:	11/19/2019
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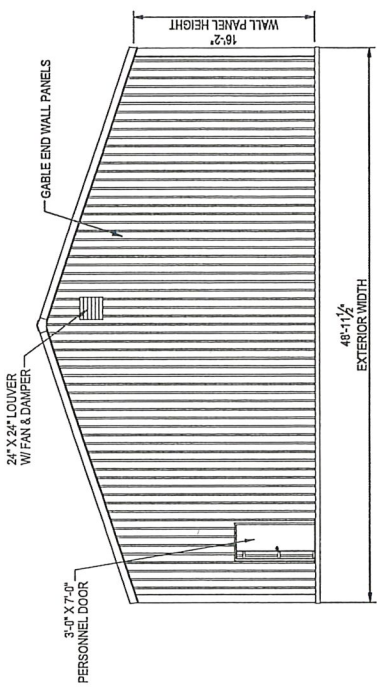
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 PROJECT NO. NUMBER: DOMINION ENERGY MILLSTONE
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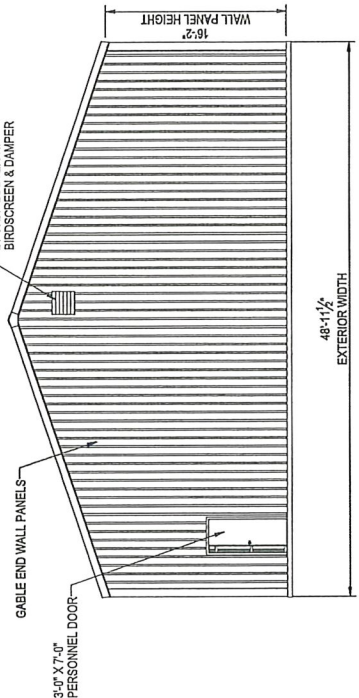
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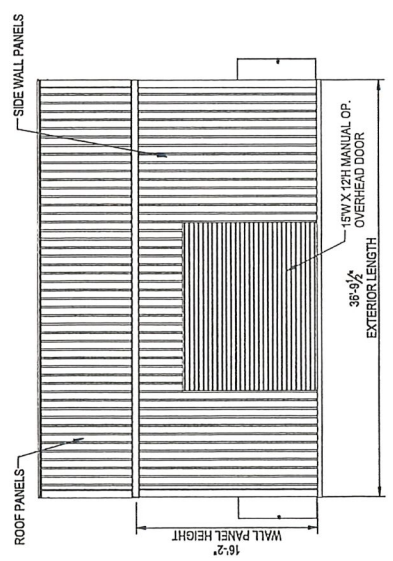
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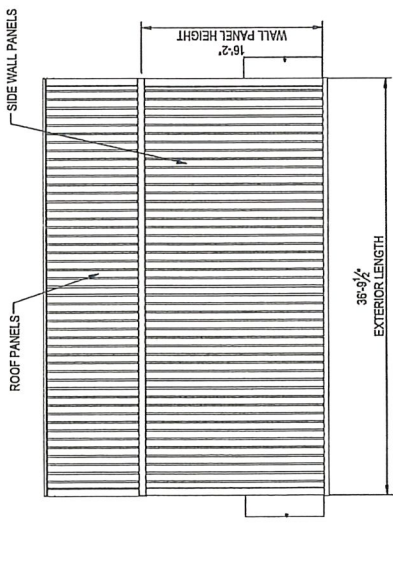
FRONT ELEVATION



BACK ELEVATION



LEFT ELEVATION



RIGHT ELEVATION



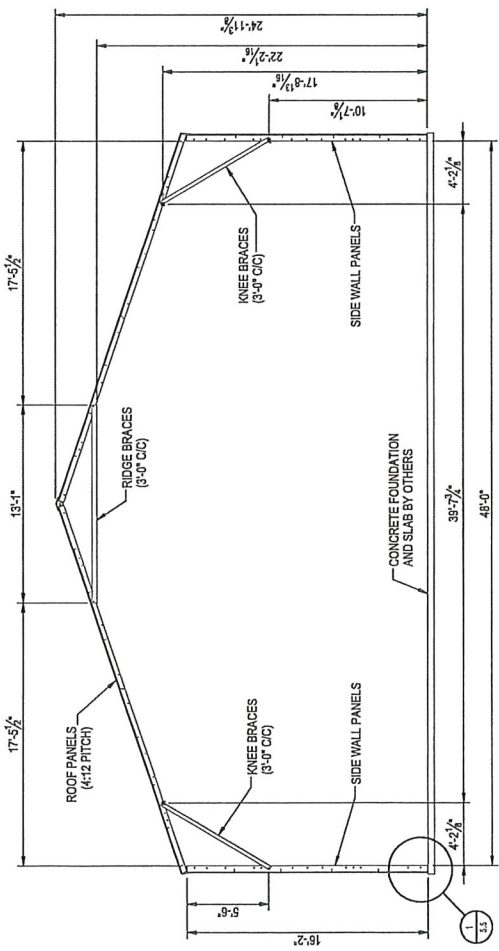
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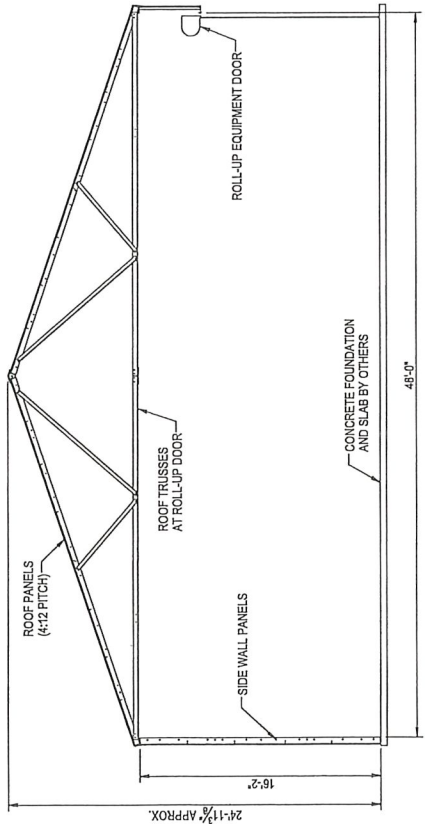
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 WATERFORD, CT 06385
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 CHECKED BY: AFJ
 DATE: 11/19/2019
 REVISION: 02
 DATE: 11/19/2019
 SCALE: 1/8"
 KELLY QUOTE NUMBER: 1937300YH1

DATE: 8/6/2019
 DRAWN BY: JDH
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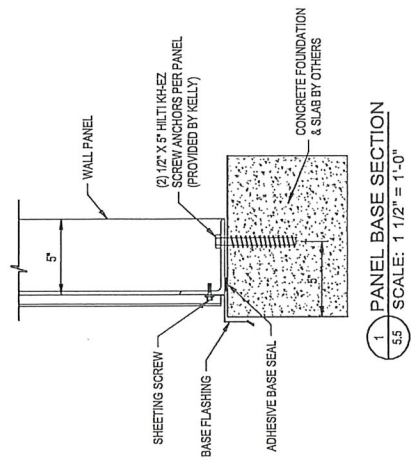
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CROSS-SECTION @ EQUIPMENT DOOR



ATTACHMENT 3

CHECK FOR FILING FEE

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DOMINION ENERGY NUCLEAR CONNECTICUT, INC. (DENC)