Pomfret Fire Department
Building Addition

67 Hampton Road (Route 97) - Pomfret Center, Connecticut

Date: November 9, 2016

<u>OWNER</u>

Town of Pomfret
5 Haven Road (Route 44)
Pomfret Center, CT 06259

Phone: 860-974-0186

<u>ARCHITECT</u>

CME Associates, Inc.
32 Crabtree Lane
Woodstock, CT 06281

Phone: 860-928-7848

GENERAL NOTES

1. THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE SCOPE OF THE ENTIRE PROJECT.
2. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL FEES, PERMITS AND CHARGES ASSOCIATED WITH THE SCOPE OF WORK AS OUTLINED IN THE CONTRACTED PHASE(S) OF WORK.
3. THE CONTRACTOR SHALL INSPECT AND VERIFY THE LOCATION AND CONDITION OF ALL ITEMS AFFECTED BY THE WORK UNDER THE CONTRACTED PHASE(S) AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE DOING THE WORK.
4. CAREFULLY MEASURE AND LAYOUT NEW WORK AND PERFORM SELECTIVE EXPLORATORY DEMOLITION AS REQUIRED PRIOR TO ACTUAL REMOVAL SO AS TO REMOVE ONLY THAT PORTION OF THE EXISTING STRUCTURE, LANDSCAPING OR OTHER CONSTRUCTION THAT IS REQUIRED TO INSTALL THE NEW WORK.
5. TEMPORARILY SUPPORT AND PROTECT ALL CONSTRUCTED INFRASTRUCTURE AND OTHER ELEMENTS AFFECTED BY THE WORK PHASE UNTIL SUCH TIME AS RELATED WORK IS COMPLETED.
6. ALL SALVAGEABLE MATERIALS REMOVED DURING THIS PROJECT ARE THE PROPERTY OF THE OWNER AND SHALL BE STORED ON THE PREMISES AS DIRECTED BY THE OWNER. ALL OTHER MATERIALS AND DEBRIS SHALL BE LEGALLY DISPOSED OF OFF-SITE.
7. PROTECT FROM DAMAGE ALL EXISTING MATERIAL AND EQUIPMENT TO REMAIN.
8. PROVIDE TEMPORARY PROTECTION FROM WEATHER, VERMIN AND THEFT IN WORK AREAS.
9. PROVIDE TEMPORARY BARRIERS TO PROTECT WORKERS AND THE PUBLIC FROM HAZARDS THAT ARE A RESULT OF CONSTRUCTION ACTIVITIES.
10. SITE WORK TO BE REPLACED SHALL BE REPLACED IN-KIND, REMOVING THE LEAST AMOUNT OF ORIGINAL FABRIC BACK TO SOUND MATERIAL.
11. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS USED TO ACHIEVE THE DESIRED RESULTS OUTLINED IN THE CONSTRUCTION DOCUMENTS.
12. THE OWNER WILL OCCUPY THE BUILDING THROUGHOUT CONSTRUCTION. ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

ABBREVIATIONS

A.C.T.	ACOUSTIC CEILING TILE	ELEV.	ELEVATION	NO.	NUMBER
A.F.F.	ABOVE FINISHED FLOOR	E.J.	EXPANSION JOINT	O.C.	ON CENTER
ALUM.	ALUMINUM	EQ.	EQUAL	PT	PAINTED
BD.	BOARD	EXP.	EXPANSION	RM.	ROOM
B.O.	BOTTOM OF	F.	FOOTING	SPEC.	PROJECT SPECIFICATION
B.O.F.	BOTTOM OF FOOTING	F.F.	FINISHED FLOOR	SIM.	SIMILAR
C.J.	CONTROL JOINT OR CONSTRUCTION JOINT	GALV.	GALVANIZED	THK.	THICK
CL	CENTER LINE	GA.	GAUGE	TL.	TOILET
COL.	COLUMN	G.C.	GENERAL CONTRACTOR	T.O.	TOP OF
CONC.	CONCRETE	G.W.B.	GYPSUM WALL BOARD	T.O.F.	TOP OF FOOTING
CONT.	CONTINUOUS	H.	HEIGHT	T.O.W.	TOP OF WALL
COORD.	COORDINATE	HM	HOLLOW MTL. DOOR FRAME	TYP.	TYPICAL - INDICATES MATERIAL OR REQUIREMENT NOTED SHALL BE CONSIDERED AS CALLED FOR AT ALL SIMILAR
C.T.	CERAMIC TILE	MAT.	MATERIAL		
DIM	DIMENSIONS	MFG.	MANUFACTURER		
DWG.	DRAWING	MTL.	METAL	W/	WITH
EA.	EACH	N.I.C.	NOT IN CONTRACT	WD.	WOOD

GRAPHIC SYMBOLS

- FIRE RATED PARTITION
- CMU WALL
- HIDDEN WALLS / OBJECTS / FUTURE CONSTRUCTION
- CAST-IN-PLACE CONCRETE
- INSULATED WALL PANEL
- CONCRETE FOOTING
- 100 SF — SQUARE FOOTAGE
- VERTICAL ELEVATION DESIGNATION (O / A0)
- ELEVATION REFERENCE
- GFI — GROUND FAULT INTERRUPTED DUPLEX OUTLET
- SECTION REFERENCE (O / A0)
- DETAIL REFERENCE (A / A0)
- DOOR NUMBER (1)
- WINDOW LETTER (A)
- PARTITION TYPE REFERENCE (A)
- HD — HEAT DETECTOR
- S — HARDWIRED SMOKE DETECTOR
- EP — EMERGENCY LIGHTING SYSTEM / EXIT SIGN
- FE — FIRE EXTINGUISHER
- DUPLEX OUTLET
- JB — JUNCTION BOX

DOCUMENT LIST

DWG. NO.	DOCUMENT DESCRIPTION
T-1	TITLE SHEET
A-0	SPECIFICATIONS
A-1	FLOOR PLAN & ROOF PLAN
A-2	ELEVATIONS & BUILDING SECTION
A-3	POWER & LIGHTING PLAN

CME

CME ASSOCIATES, INC.

32 Crabtree Lane, Woodstock, CT 06281
333 East River Drive, East Hartford, CT 06108
90 Elm Street, Southbridge, MA 01550

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STAMP

STATE OF CONNECTICUT · EVELYN C. SMITH · NO. 7368 · LICENSED ARCHITECT

RESERVED

PROJECT

Proposed
Pomfret
Fire Department
Building Addition
67 Hampton Road (Route 97)
Pomfret Center, CT 06259

Prepared For
Town of Pomfret
5 Haven Road (Route 44)
Pomfret Center, CT 06259

REVISIONS

	Date	Description

SHEET TITLE

TITLE SHEET

PROJ. NO.	2016514
SCALE	AS NOTED
DATE	11/09/2016
DESIGNED	EVELYN COLE SMITH
DRAWN	CLINTON RICHMOND
CHECKED	ECS

SHEET

T-1

GENERAL NOTES:

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR COMPLETE WORKING PROJECT AS PER THE CONSTRUCTION DOCUMENTS INCLUDING BUT NOT LIMITED TO ALL SITE WORK AND UTILITY CONNECTIONS, FOUNDATION DESIGN AND INSTALLATION, METAL BUILDING SYSTEM DESIGN AND INSTALLATION, INSULATED METAL ROOF AND WALL PANEL INSTALLATION, MECHANICAL AND ELECTRICAL WORK SHOWN, AND MISCELLANEOUS OTHER WORK AS SHOWN ON THE CONSTRUCTION DOCUMENTS.
2. BUILDING SECTIONS AND DETAILS ARE INTENDED TO SHOW DESIGN INTENT ONLY. THE METAL BUILDING MANUFACTURER IS TO USE STANDARD METAL BUILDING DETAILS AND TO DESIGN THE FRAMING SYSTEM TO ACHIEVE MAXIMUM EFFICIENCY OF MATERIALS IN ORDER TO MEET THE DESIGN INTENT.
3. THE GENERAL CONTRACTOR / METAL BUILDING MANUFACTURER IS TO DESIGN A CONCRETE FOUNDATION THAT MEETS ALL BUILDING CODES AND REFLECTS THE EXACT LOADS OF THE PROPOSED METAL BUILDING SYSTEM. DETAILS SHOWN IN THESE DRAWINGS ARE GENERAL AND DO NOT REPRESENT A SPECIFIC SYSTEM.

SPECIFICATIONS:

CONCRETE

1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING FOUNDATION DESIGN SERVICES. FOUNDATIONS SHALL BE DESIGNED BY A QUALIFIED REGISTERED PROFESSIONAL ENGINEER TO ACCOMMODATE THE LOCAL SOIL CONDITIONS AND MEET BUILDING REACTION REQUIREMENTS IN ADDITION TO OTHER LOADS IMPOSED BY BUILDING USE OR OCCUPANCY.
2. FOUNDATION TO BE DESIGNED TO MEET THE 2012 INTERNATIONAL BUILDING CODE WITH CT AMENDMENTS.
3. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
4. ALL CONCRETE SHALL BE POURED IN STRICT ACCORDANCE WITH ACI - 318.
5. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60
6. ALL REINFORCING TO HAVE MINIMUM 2" COVER UNLESS OTHERWISE STIPULATED. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 GRADE 36. ANCHOR BOLT LOCATIONS, LENGTHS, PROJECTIONS, ETC. SHALL BE PROVIDED IN ACCORDANCE WITH THE METAL BUILDING PLANS. ANCHOR BOLT EMBEDMENT LENGTHS SHALL BE A MINIMUM OF 7". ANCHOR BOLTS AND BASE PLATES SHALL BE DESIGNED TO RESIST ALL COLUMN REACTIONS. SIZES USED SHALL BE AS THOSE SHOWN ON THE METAL BUILDING SYSTEM DRAWINGS. THE LENGTH AND EMBEDMENT ANCHORAGE OF ALL ANCHOR BOLTS SHALL BE THE RESPONSIBILITY OF THE FOUNDATION ENGINEER.
7. COORDINATE OPENINGS FOR UTILITIES IN FOUNDATION WALL PRIOR TO CASTING CONCRETE.
8. COMPACTED FILL AND GRAVEL SHALL BE COMPACTED TO 98% OF ITS MODIFIED PROCTOR DRY DENSITY (MPD) AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT AS DETERMINED IN ACCORDANCE WITH ASTM D1557.
9. FOOTINGS SHALL BE PLACED ON COMPACTED VIRGIN MATERIAL CONSISTING OF SAND AND GRAVEL. NO CONCRETE SHALL BE PLACED ON TOPSOIL OR SOIL CONTAINING ORGANIC MATERIAL. IF SAND AND GRAVEL IS NOT PRESENT, OVEREXCAVATE FOOTINGS AND PLACE A MINIMUM OF 12" OF COMPACTED GRAVEL.
10. FOUNDATION WALL CONSTRUCTION JOINTS SHALL BE KEYED AND SPACED AT 50'-0" MAXIMUM ON CENTER AND AT MID-SPAN BETWEEN COLUMNS.
11. THE FOUNDATIONS SHOWN ARE PRESENTED FOR DESIGN INTENT ONLY. FOUNDATION DESIGN TO BE IN ACCORDANCE WITH DESIGN CRITERIA NOTED IN THESE DOCUMENTS. ALL FINAL BUILDING LOADS FROM THE METAL BUILDING MANUFACTURER ARE TO BE VERIFIED TO BE WITHIN THE ALLOWABLE DESIGN CAPACITY OF THE FOUNDATION DESIGN.
12. CONCRETE SLAB TO BE DESIGNED BY FOUNDATION DESIGN. THE SLAB SHALL BE POURED TO THE ELEVATION SHOWN AND SHALL NOT DEVIATE IN ELEVATION MORE THAN 1/8" IN 10 FEET OR 1/4" OVER THE ENTIRE AREA OF THE SLAB, MINIMUM 3500 PSI.
13. IF DESIRED, CONSTRUCTION JOINTS IN THE SLAB CAN BE PLACED WITH KEYED JOINTS ALONG THE COLUMN GRID LINES. CONTRACTOR TO POUR THE SLAB IN ACCORDANCE WITH ACI 302.1R. CONCRETE TO BE POURED IN ALTERNATING STRIPS WITH THE REINFORCING PASSING THROUGH THE JOINTS. ALL LAP SPLICES ARE TO BE FULLY DEVELOPED ON BOTH SIDES OF THE CONSTRUCTION JOINT.
14. SLAB SHALL BE SAWCUT 1/2" DEEP WITHIN 24 HOURS OF SLAB PLACEMENT TO CONTROL CRACKING. COORDINATE LOCATIONS WITH METAL BUILDING FRAMING CONDITIONS AND THE SPACING SHALL NOT EXCEED 30 FEET IN EACH WAY.
15. COORDINATE LOCATION OF UNDERGROUND / ABOVE GROUND SERVICE ENTRANCES.
16. PROVIDE CONTINUOUS WATER STOP AT ALL EXTERIOR BUILDING PENETRATIONS.
17. PENETRATION SEALS BASIS-OF-DESIGN: LINK SEAL MODULAR SEAL OR SIMILAR AT PIPE PENETRATIONS. PROVIDE A MODULAR, MECHANICAL SEAL, CONSISTING OF RUBBER LINKS SHAPED TO CONTINUOUSLY FILL THE ANNULAR SPACE BETWEEN THE PIPE AND THE WALL OPENING. LINK-SEAL PRESSURE PLATES SHALL BE MOLDED OF GLASS REINFORCED NYLON. HARDWARE SHALL BE MILD STEEL WITH A 60,000 PSI MINIMUM TENSILE STRENGTH AND 2 PART ZINC DICHROMATE COATING PER ASTM B-633 AND ORGANIC COATING, TESTED IN ACCORDANCE WITH ASTM B-117 TO PASS A 1,500 HOUR SALT SPRAY TEST (OR 316 STAINLESS STEEL). COLORATION SHALL BE THROUGHOUT ELASTOMER FOR POSITIVE FIELD INSPECTION. EACH LINK SHALL HAVE PERMANENT IDENTIFICATION OF THE SIZE AND MANUFACTURER'S NAME MOLDED INTO THE PRESSURE PLATE AND SEALING ELEMENT. THE CONTRACTOR SHALL SUBMIT TO VERIFY THAT THE MODULAR SEALS ARE DOMESTICALLY MANUFACTURED AT A PLANT WITH A CURRENT ISP-9001:2000 REGISTRATION.

DESIGN CRITERIA

1. TO BE DETERMINED BY STRUCTURAL ENGINEER DESIGNING THE FOUNDATION AND SHOWN ON THE FOUNDATION DRAWINGS.

METAL BUILDING SYSTEM

1. THE BUILDING SHALL CONSIST OF ALL PRIMARY AND SECONDARY STRUCTURAL MEMBERS, CONNECTION BOLTS AND OTHER ELEMENTS SPECIFIC TO THE METAL BUILDING FRAME.
2. A CLEAR SPAN TRUSS FRAME BUILDING IS DEPICTED IN THE DRAWINGS WHICH INCORPORATES STRAIGHT COLUMNS IN COMBINATION WITH OPEN-WEB RAFTERS COMPRISED OF TEE-SECTION CHORDS WITH DOUBLE-ANGLE WEB MEMBERS. THE METAL BUILDING MANUFACTURER SHALL SUBMIT A DESIGN THAT MAXIMIZES THE EFFICIENCIES OF THE STEEL FRAME AND ALSO RESULTS IN MAXIMUM FLEXIBILITY FOR OPEN SPACE.
3. ALL STRUCTURAL STEEL SECTIONS AND WELDED PLATE MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE AISC SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS OR CSA SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (S16) AND THE LATEST EDITION OF THE AWS D1.1 AND D1.8 STRUCTURAL WELDING CODES OR CSA WELDED STEEL CONSTRUCTION (METAL ARC WELDING) (W59), BASED ON PROJECT LOCATION.
4. THE PRIMARY AND SECONDARY FRAMING SHALL BE DESIGNED FOR ALL APPLICABLE LOADS AND COMBINATIONS OF LOADS AS SET FORTH IN THE SPECIFIED GOVERNING BUILDING CODE. SPECIFICATION OF LOADS AND CODES AND DESIGN RESPONSIBILITY SHALL BE AS STATED IN THE "COMMON INDUSTRY PRACTICES" SECTION OF THE LATEST MBMA METAL BUILDING SYSTEMS MANUAL. THESE "COMMON INDUSTRY PRACTICES" WILL APPLY REGARDLESS OF THE STATE, LOCAL, OR MODEL CODE CHOSEN.
5. THE BUILDING SHALL BE DESIGNED BY OR UNDER THE DIRECT SUPERVISION OF REGISTERED PROFESSIONAL ENGINEERS IN ACCORDANCE WITH THE INFORMATION SPECIFIED AND IN COMPLIANCE WITH THE "COMMON INDUSTRY PRACTICES" SECTION OF THE LATEST MBMA METAL BUILDING SYSTEMS MANUAL.
6. ALL PERMIT AND ERECTION DRAWINGS SHALL BE STAMPED WITH A PROFESSIONAL ENGINEER'S SEAL IN THE STATE OF THE BUILDING LOCATION.
7. GENERAL CONTRACTOR TO PROVIDE ANCHOR BOLT DESIGN ENGINEERING BASED ON METAL BUILDING CONFIGURATION.
8. GENERAL CONTRACTOR TO PROVIDE LEVELING PLATES.
9. THE METAL BUILDING MANUFACTURER SHALL PROVIDE THE GC WITH 3 SETS OF ANCHOR BOLT AND ERECTION DRAWINGS.

(SPECIFICATIONS CONTINUED FROM BELOW)

10. THE METAL BUILDING MANUFACTURER SHALL SUPPLY THREE SETS OF APPROVAL DRAWINGS. APPROVAL DRAWINGS SHALL SHOW BUILDING LAYOUT, CRITICAL CLEARANCES, CRITICAL DETAILS, AND MAY INCLUDE PERMIT DRAWING INFORMATION.
11. UNLESS OTHERWISE SPECIFIED, THE MINIMUM STANDARD DESIGN THICKNESS OF STRUCTURAL FRAMING MEMBERS SHALL BE AS FOLLOWS:

    WEBS OF WELDED BUILT-UP MEMBERS 0.125"
    FLANGES OF WELDED BUILT-UP MEMBERS 0.188"
    COLD-FORMED SECONDARY FRAMING MEMBERS 0.060"
    CABLE BRACING 0.25" / ROD BRACING 0.625"
    ANGLE BRACING 0.1875"

12. ALL HOT-ROLLED SHEET, PLATE, AND STRIP STEEL USED IN WEBS FROM 0.125" TO 0.225" THICK SHALL CONFORM TO THE PROVISIONS OF ASTM A-1011 SS OR HSLAS GRADE 55 (55,000 PSI MINIMUM YIELD STRENGTH). ALL THICKNESSES GREATER THAN 0.230" (TO 0.500" INCLUSIVE) SHALL CONFORM TO ASTM A-572 GRADE 55 (55,000 KSI MINIMUM YIELD).
13. ALL HOT-ROLLED FLAT BARS USED IN FLANGES SHALL CONFORM TO THE PROVISIONS OF ASTM A-572 OR A-529 GRADE 55, WITH MINIMUM YIELD OF 55,000 PSI.
14. ALL WIDE-FLANGE, CHANNEL, AND "S" SHAPES SHALL CONFORM TO THE PROVISIONS OF ASTM A-36, ASTM A-572 OR ASTM A-992 ("A" SHAPE ONLY).
15. ALL TUBE AND PIPE SHAPES SHALL CONFORM TO ASTM A-500, GRADE B. ALL HOT-ROLLED OR COLD-ROLLED SHEET AND STRIP STEEL LESS THAN 0.150" THICK USED IN FABRICATION OF COLD-FORMED STRUCTURAL MEMBERS SHALL BE OF ASTM A-1011, GRADE 55 (55,000 PSI MINIMUM YIELD STRESS).
16. CABLE USED FOR DIAGONAL BRACING SHALL CONFORM TO ASTM A-475; COATING CLASS A, GRADE-EXTRA HIGH STRENGTH 1 WIRE. THREADED ROD SHALL MEET ASTM A-529 OR A-572, GRADE 50 REQUIREMENTS. ANGLE SECTIONS SHALL MEET MINIMUM A-36, A-572 OR A-529 GRADE 50 REQUIREMENTS.
17. STRUCTURAL STEEL MEMBERS SHALL BE SHEARED, FORMED, PUNCHED, WELDED, AND PAINTED BY THE MANUFACTURER. ALL SHOP CONNECTIONS SHALL BE WELDED IN CONFORMANCE WITH STANDARDS BASED UPON THE CURRENT EDITION OF AWS D1.1, D1.8 OR CSA W59 REFERENCED PREVIOUSLY IN THIS GUIDE IN PARAGRAPH 2.1.1. WELDERS AND WELDING OPERATORS ARE QUALIFIED AS PROVIDED IN THESE SAME CODES.
18. ALL FIELD CONNECTIONS OF PRIMARY STRUCTURAL MEMBERS SHALL BE BOLTED WITH HIGH STRENGTH BOLTS AND NUTS (ASTM A-325 OR A490) AND SHALL BE SNUG TIGHTENED UNLESS OTHERWISE SPECIFIED. SECONDARY STRUCTURAL MEMBERS SHALL BE FIELD BOLTED WITH ASTM A-307 OR A-325 BOLT ASSEMBLIES AS CALLED FOR IN DESIGN.
19. LIGHT GAGE COLD-FORMED SECTIONS SHALL BE MANUFACTURED BY ROLL OR BRAKE-FORMING. ALL DIMENSIONS SHALL BE FABRICATED TO MBMA TOLERANCES.
20. ALL STRUCTURAL-FRAMING MEMBERS THAT ARE NOT GALVANIZED SHALL BE GIVEN ONE SHOP COAT OF A RED PRIMER. ALL SURFACES TO BE IN ACCORDANCE WITH SYSTEMS INDUSTRY STANDARDS AS CLEANED OF LOOSE RUST, LOOSE MILL SCALE, AND OTHER FOREIGN MATTER BY USING, AS A MINIMUM, THE HAND TOOL CLEANING METHOD SSPC-SP2 PRIOR TO PAINTING. ALL PAINTED SURFACES ARE TO BE REASONABLY FREE OF EXCESSIVE DRIPS, RUNS, SAGS, AND CRACKING. REFERENCE MBMA AND AISC2 FOR INTENDED PRIMER PROTECTION, PROPER CARE, ERECTION, AND FUNCTION OF SHOP PRIME COAT.
21. ALL FRAMING MEMBERS SHALL HAVE IDENTIFYING MARKS TO AID THE ERECTOR IN THE ERECTION OF THE BUILDING.

COLD-FORMED METAL FRAMING

1. DESIGN, FABRICATION AND ERECTION OF COLD-FORMED METAL FRAMING SHALL CONFORM TO THE AMERICAN IRON AND STEEL INSTITUTE'S "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", CURRENT EDITION AS REFERENCED BY THE APPLICABLE BUILDING CODE, AND THE SPECIFICATIONS FO THE MANUFACTURE OF THE COLD-FORMED METAL FRAMING.
2. ALL STUDS AND /OR JOISTS AND ACCESSORIES SHALL BE OF THE TYPE, SIZE, STEEL THICKNESS AND SPACING SHOWN ON THE DRAWINGS. STUDS, TRACKS, BRACING AND BRIDGING SHALL BE MANUFACTURED PER ASTM C955.
3. ALL STUDS, JOISTS AND ACCESSORIES SHALL BE FORMED FROM STEEL THAT CONFORMS TO THE REQUIREMENTS OF ASME A-1003 WITH A YIELD STRENGTH AS FOLLOWS:

    16 GA. (0.0598") OR HEAVIER 50 KSI

    18 GA. (0.0474") OR LIGHTER 33 KSI

4. ALL STUDS, JOISTS AND ACCESSORIES SHALL BE GALVANIZED WITH A MINIMUM G-60 COATING.
5. TOUCHUP PAINT: IMMEDIATELY AFTER FABRICATION AND ERECTION, CLEAN WELDS, FASTENERS, AND DAMAGED GALVANIZED SURFACES. TOUCHUP AND REPAIR SURFACES WITH GALVANIZED REPAIR PAINT IN ACCORDANCE WITH ASTM A780, APPLIED BY BRUSH OR SPRAY TO PROVIDE MINIMUM DRY FILM THICKNESS OF 2.0 MILS.
6. CONNECTIONS SHALL BE ACCOMPLISHED WITH SELF-DRIVING SCREWS OR WELDING SO THAT THE CONNECTION MEETS OR EXCEEDS THE DESIGN LOADS REQUIRED AT THAT CONNECTION. ALL CONNECTIONS SHALL BE MADE USING A MINIMUM OF FOUR (4) #12-16 SCREWS, UNLESS OTHERWISE SHOWN ON THE DRAWINGS. SCREW SPACING AND EDGE DISTANCE SHALL NOT BE LESS THAN 1". MINIMUM CONNECTION ANGLE THICKNESS SHALL BE 16 GA. BUT NO THINNER THAN THE MATERIAL OF THE MEMBERS THAT ARE BEING CONNECTED.
7. WELDING SHALL CONFORM TO STRUCTURAL WELDING CODE D1.1 AND SPECIFICATION FOR WELDING SHEET IN STRUCTURES E1.3 OF THE AMERICAN WELDING SOCIETY AND SHALL BE PERFORMED BY A CERTIFIED WELDER IN ACCORDANCE WITH AWS STANDARDS.
8. TEMPORARY BRACING SHALL BE PROVIDED AND LEFT IN PLACE UNTIL WORK IS PERMANENTLY STABILIZED.
9. JOISTS SHALL BE LOCATED DIRECTLY OVER BEARING STUDS OR A LOAD DISTRIBUTION MEMBER SHALL BE PROVIDED TO TRANSFER LOADS.
10. AVOID HOLES AT ENDS OF MEMBERS. HOWEVER, SHOULD HOLES OCCUR, PROVIDE ADDITIONAL REINFORCING AT THE ENDS OF THE MEMBER WHERE HOLES OCCUR, UNLESS OTHERWISE NOTED.
11. PROVIDE LATERAL BLOCKING, BRIDGING, AND WEB STIFFENERS FOR VERTICAL AND HORIZONTAL FRAMING MEMBERS, AND OTHER FRAMING MEMBERS AS REQUIRED AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS OR RECOMMENDATIONS, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
12. ALL FRAMING COMPONENTS, CUT SQUARELY OR AT AN ANGLE TO FIT SQUARELY AGAINST ABUTTING MEMBERS. ALL MEMBERS, HELD FIRMLY IN POSITION UNTIL PROPERLY FASTENED, ERECT MEMBER LEVEL, PLUMB, AND TRUE TO LINE AND TO DIMENSIONS AND ELEVATIONS INDICATED.
13. SPLICES IN STUDS AND OTHER FRAMING COMPONENTS: NOT PERMITTED.
14. SHAPE DESIGNATIONS AND SECTION PROPERTIES ARE BASED ON THE UNIVERSAL SYSTEM FOR LIGHT GAGE STEEL FRAMING MEMBERS. FOR EXAMPLE, "600S162-54" DENOTES 6" DEEP, 1 5/8" WIDE FLANGE, STUD, 54 MILS (=16 GAGE) THICKNESS.
15. SUBMITTALS TO THE ARCHITECT ARE REQUIRED FOR CERTIFICATES OF COMPLIANCE FOR FRAMING MEMBERS (STUDS, JOISTS, TRACKS, ETC.).

WOOD

1. LUMBER TO BE GRADED BY AN AGENCY CERTIFIED BY THE ALSC BOARD OF REVIEW TO INSPECT AND GRADE LUMBER UNDER THE RULES INDICATED.
2. MAXIMUM MOISTURE CONTENT OF LUMBER TO BE 15 PERCENT FOR 2 INCH NOMINAL THICKNESS OR LESS, AND 19 PERCENT FOR MORE THAN 2 INCH NOMINAL THICKNESS.
3. FRAMING LUMBER TO BE HEM-FIR (NORTH), SOUTHERN PINE, SPRUCE-PINE-FIR OR DOUGLAS FIR-SOUTH.
4. MISCELLANEOUS LUMBER TO BE CONSTRUCTION OR NO. 2 GRADE OF ANY SPECIES.

(SPECIFICATIONS CONTINUED FROM BELOW)

5. PROVIDE FASTENERS OF SIZE AND TYPE INDICATED THAT COMPLY WITH REQUIREMENTS SPECIFIED FOR MATERIAL.
6. WHERE CARPENTRY IS EXPOSED TO WEATHER, IN GROUND CONTACT, PRESSURE-PRESERVATIVE TREATED PROVIDE FASTENERS OF TYPE 304 STAINLESS STEEL.
7. POWER DRIVEN FASTENERS TO BE: NES NER-272.
8. SET CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB, TRUE TO LINE, CUT, AND FITTED. FIT CARPENTRY TO OTHER CONSTRUCTION. SCRIBE AND COPE AS NEEDED FOR ACCURATE FIT.

ROOFING AND SIDING

1. INSULATED METAL ROOF PANELS TO BE FOAMED-INSULATION-CORE STANDING SEAM METAL ROOF PANELS, WITH RELATED METAL TRIM AND ACCESSORIES.
2. ROOF SYSTEM TO BE INSTALLED BY A MANUFACTURER LICENSED APPLICATOR.
3. ROOF TO BE INSPECTED BY MANUFACTURER'S TECHNICAL REPRESENTATIVE TO INSURE COMPLIANCE WITH WARRANTY.
4. CONTRACTOR TO SUBMIT MANUFACTURER'S DATA SHEETS FOR SPECIFIED PRODUCTS FOR REVIEW BY ARCHITECT PRIOR TO ORDERING MATERIALS.
5. SUBMIT MANUFACTURER'S WRITTEN TWO (2) YEAR LIMITED WARRANTY PROVIDING PANELS TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP, BEGINNING FROM THE DATE OF SUBSTANTIAL COMPLETION EXCLUDING COIL COATINGS (PAINT FINISHES) THAT ARE COVERED UNDER A SEPARATE WARRANTY.
6. THE INSTALLATION CONTRACTOR SHALL ISSUE A SEPARATE WARRANTY AGAINST DEFECTS IN INSTALLED MATERIALS AND WORKMANSHIP, BEGINNING FROM THE DATE OF SUBSTANTIAL COMPLETION OF THE INSTALLATION.
7. SPECIAL PANEL FINISH WARRANTY. SUBMIT MANUFACTURER'S LIMITED WARRANTY ON THE EXTERIOR PAINT FINISH FOR ADHESION TO THE METAL SUBSTRATE AND LIMITED WARRANTY ON THE EXTERIOR PAINT FINISH FOR CHALK AND FADE.

    A) FLUOROPOLYMER TWO-COAT SYSTEM

8. BASIS OF DESIGN MANUFACTURER: METL-SPAN, A DIVISION OF NCI GROUP, INC.; LEWISVILLE, TEXAS TEL: 972.221.6656; EMAIL: INFO@METLSPAN.COM; WEB: METLSPAN.COM
9. STRUCTURAL PERFORMANCE: PROVIDE METAL PANEL ASSEMBLIES CAPABLE OF WITHSTANDING THE EFFECTS OF INDICATED LOADS AND STRESSES WITHIN LIMITS AND UNDER CONDITIONS INDICATED, AS DETERMINED BY ASTM E 72 OR ASTM E 1592 APPLIED IN ACCORDANCE WITH ICC AC 04, SECTION 4, PANEL LOAD TEST OPTION OR SECTION 5, PANEL ANALYSIS OPTION:

    A) WIND LOADS: DETERMINE LOADS BASED ON UNIFORM PRESSURE, IMPORTANCE FACTOR, EXPOSURE CATEGORY, AND BASIC WIND SPEED INDICATED ON DRAWINGS.

    B) ROOF PANEL WIND UPLIFT TESTING: CERTIFY CAPACITY OF METAL PANELS BY TESTING OF PROPOSED ASSEMBLY PER ASTM E 72 OR ASTM E 1592.

    C) ROOF PANEL SNOW LOADS: 30 LBF/SQ. FT.

    D) DEFLECTION LIMITS: WITHSTAND INWARD AND OUTWARD WIND-LOAD DESIGN PRESSURES IN ACCORDANCE WITH APPLICABLE BUILDING CODE WITH MAXIMUM DEFLECTION OF 1/180 OF THE SPAN WITH NO EVIDENCE OF FAILURE.

10. INSULATED METAL ROOF PANELS TO BE STANDING SEAM, FOAMED-INSULATION-CORE METAL ROOF PANELS: STRUCTURAL METAL PANELS CONSISTING OF AN EXTERIOR STANDING SEAM WITH AN INTERIOR TONGUE AND GROOVE JOINT, COUPLED WITH A VAPOR SEAL IN THE STANDING SEAM, AND PROVIDES SUPERIOR RESISTANCE TO AIR AND MOISTURE INTRUSION. ATTACHED WITH CONCEALED FASTENERS TO THE STRUCTURE.

    A) BASIS OF DESIGN: METL-SPAN, CFR INSULATED METAL PANEL.

    B) G-90 GALVANIZED COATED STEEL: ASTM A 653 STRUCTURAL QUALITY, PREPAINTED BY THE COIL-COATING PROCESS PER ASTM A 755/A 755M.

    C) EXTERIOR FACE SHEET: 24 GAUGE COATED THICKNESS, WITH STUCCO EMBOSSED SURFACE.

    I. FINISH: FLUOROPOLYMER TWO-COAT SYSTEM
    II. COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.

    D) INTERIOR FACE SHEET: 26 GAUGE COATED THICKNESS, WITH STUCCO EMBOSSED SURFACE AND PLANKED PROFILE.

    I. FINISH: POLYESTER TWO-COAT SYSTEM.
    II. COLOR: WHITE.

    E) ENDLAPS: PROVIDE PANELS WITH FACTORY ENDLAPS, NOTCHING, SWEDGING AND BACKER PLATES; WHERE PANEL LENGTHS PERMIT.

    F) LOW EAVE TREATMENT: PROVIDE CUTBACK FOR TRIM/GUTTER INSTALLATION; WHERE PANEL LENGTHS PERMIT.

    G) PANEL WIDTH: 30 INCHES.

    H) PANEL THICKNESS: 4 INCH OR AS REQUIRED TO MEET PERFORMANCE REQUIREMENTS R = 25 CONTINUOUS INSULATION.

    I) INSULATING CORE: POLYURETHANE WITH ZERO OZONE DEPLETION POTENTIAL BLOWING AGENT

    A) CLOSED CELL CONTENT: 90% OR MORE AS DETERMINED BY ASTM D 6226

    B) COMPRESSIVE STRENGTH: AS REQUIRED TO MEET STRUCTURAL PERFORMANCE REQUIREMENTS AND WITH A MINIMUM OF 15 PSI AS DETERMINED BY ASTM D 1621

    C) MINIMUM DENSITY: 2.0 PCF AS DETERMINED BY ASTM D 1622

11. PROVIDE COMPLETE METAL PANEL ASSEMBLIES INCORPORATING TRIM, COPINGS, FASCIA, GUTTERS AND DOWNSPOUTS, AND MISCELLANEOUS FLASHINGS. PROVIDE REQUIRED FASTENERS, CLOSURE STRIPS, AND SEALANTS AS INDICATED IN MANUFACTURER'S WRITTEN INSTRUCTIONS.
12. INSULATED METAL WALL PANELS TO BE CONCEALED FASTENER, INSULATED METAL WALL PANELS WITH FOAM CORE: STRUCTURAL METAL PANELS CONSISTING OF EXTERIOR METAL SHEET WITH FIVE MAJOR TAPERED INVERTED RIBS 1 BY 1/4 INCHES WITH A MESA PROFILE BETWEEN THE INVERTED RIBS, AND INTERIOR METAL SHEET WITH A MESA OR LIGHT MESA PROFILE, WITH FACTORY FOAMED-IN-PLACE POLYURETHANE CORE IN THERMALLY-SEPARATED PROFILE, WITH TONGUE-AND-GROOVE PANEL EDGES, ATTACHED TO SUPPORTS USING CONCEALED FASTENERS.

    A) BASIS OF DESIGN: METL-SPAN, CF FLUTE.

    B) G-90 GALVANIZED COATED STEEL CONFORMING TO ASTM A 653 AND/OR AZ50 ALUMINUM-ZINC ALLOY COATED STEEL, CONFORMING TO ASTM A 792/A 792M, MINIMUM GRADE 33, PREPAINTED BY THE COIL-COATING PROCESS PER ASTM A 755/A 755M.

    C) EXTERIOR FACE SHEET: 24 GAUGE THICKNESS, WITH STUCCO EMBOSSED SURFACE.

    I. FINISH: FLUOROPOLYMER TWO-COAT SYSTEM.
    II. COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD COLORS.

    D) INTERIOR FACE SHEET: 26 GAUGE THICKNESS, WITH STUCCO EMBOSSED SURFACE AND MESA OR LIGHT MESA PROFILE.

    I. FINISH: MODIFIED SILICONE-POLYESTER TWO-COAT SYSTEM.
    II. COLOR: WHITE.

    1. PANEL WIDTH: 30 INCHES
    2. PANEL THICKNESS: 4 INCH
    3. INSULATING CORE: POLYURETHANE WITH ZERO OZONE DEPLETION POTENTIAL BLOWING AGENT

    A. CLOSED CELL CONTENT: 90% OR MORE AS DETERMINED BY ASTM D 6226
    B. COMPRESSIVE STRENGTH: AS REQUIRED TO MEET STRUCTURAL PERFORMANCE REQUIREMENTS AND WITH A MINIMUM OF 15 PSI AS DETERMINED BY ASTM D 1621
    C. MINIMUM DENSITY: 2.0 PCF AS DETERMINED BY ASTM D 1622
    D. THERMAL RESISTANCE R-VALUE: 25

(SPECIFICATIONS CONTINUED FROM BELOW)

13. PROVIDE COMPLETE METAL WALL PANEL ASSEMBLIES INCORPORATING TRIM AND MISCELLANEOUS FLASHINGS. PROVIDE REQUIRED FASTENERS, CLOSURE STRIPS, AND SEALANTS AS INDICATED IN MANUFACTURER'S WRITTEN INSTRUCTIONS.

DOORS AND FRAMES

1. PROVIDE A SCHEDULE OF STANDARD STEEL DOORS AND FRAMES USING THE SAME REFERENCE NUMBERS FOR DETAILS AND OPENINGS AS THOSE ON THE DRAWINGS. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, CORE DESCRIPTIONS, LABEL COMPLIANCE, FIRE-RESISTANCE RATING, AND FINISHES FOR EACH TYPE OF STEEL DOOR AND FRAME SPECIFIED.
2. EXTERIOR DOORS TO HAVE FACE SHEETS FABRICATED FROM METALLIC-COATED STEEL SHEET. CONSTRUCTION TO BE HEAVY DUTY, SEAMLESS.
3. PROVIDE BOLTS, INSERTS AND FASTENERS SUITABLE FOR EXTERIOR APPLICATIONS.
4. INSULATION TO BE TYPE I BLANKETS/CU. FT. DENSITY WITHOUT MEMBRANE FACING CONSISTING OF FIBERS MANUFACTURED FROM SLAG OR ROCK WOOL WITH 6 TO 12 LB.
5. STEEL FRAMES TO COMPLY WITH ANSI 250.8. EXTERIOR FRAMES TO BE FABRICATED FROM METALLIC-COATED STEEL SHEET WITH MITERED OR COPED AND WELDED FACE CORNERS AND SEAMLESS FACE JOINTS. LEVEL 2 STEEL DOORS TO HAVE 0.053 INCH THICK STEEL SHEET.
6. PROVIDE JAMB AND FLOOR ANCHORS FORMED OF SAME MATERIAL AS FRAME.
7. FRAMES TO BE CONTINUOUSLY WELDED. GRIND, FILL, DRESS AND MAKE SMOOTH, FLUSH AND INVISIBLE FACE JOINTS.
8. FACTORY PREPARE STANDARD STEEL DOORS AND FRAMES TO RECEIVE TEMPLATED MORTISED HARDWARE.
9. DOORS AND FRAMES TO BE FACTORY PRIMED FOR FIELD PAINTED FINISH.
10. SET FRAMES ACCURATELY IN POSITION, PLUMBED, ALIGNED AND BRACED SECURELY. SOLIDLY PACK MINERAL FIBER INSULATION BEHIND FRAMES.
11. CHECK AND READJUST OPERATING HARDWARE ITEMS IMMEDIATELY BEFORE FINAL INSPECTION.

PAINTING

1. PROVIDE PAINT SYSTEMS THAT ARE COMPATIBLE WITH ONE ANOTHER AND SUBSTRATES INDICATED, UNDER CONDITIONS OF SERVICE AND APPLICATION AS DEMONSTRATED BY MANUFACTURER, BASED ON TESTING AND FIELD EXPERIENCE. MATERIALS TO COMPLY WITH VOC LIMITS OF AUTHORITIES HAVING JURISDICTION.
2. VERIFY CONDITION OF SUBSTRATES PRIOR TO PROCEEDING WITH PAINTING.
3. STEEL SUBSTRATES: ANTICORROSIVE, ALKYD PRIMER; SHOP PRIME; INTERMEDIATE COAT: EXTERIOR OR INTERIOR, AS APPLICABLE, ALKYD ENAMEL MATCHING THE TOPCOAT. TOPCOAT: ALKYD, SEMI-GLOSS.

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STAMP

STATE OF CONNECTICUT
EVELYN C. SMITH
NO. 7366
LICENSED ARCHITECT

RESERVED

PROJECT

Proposed
Pomfret
Fire Department
Building Addition
67 Hampton Road (Route 97)
Pomfret Center, CT 06259

Prepared For
Town of Pomfret
5 Haven Road (Route 44)
Pomfret Center, CT 06259

REVISIONS

	Date	Description

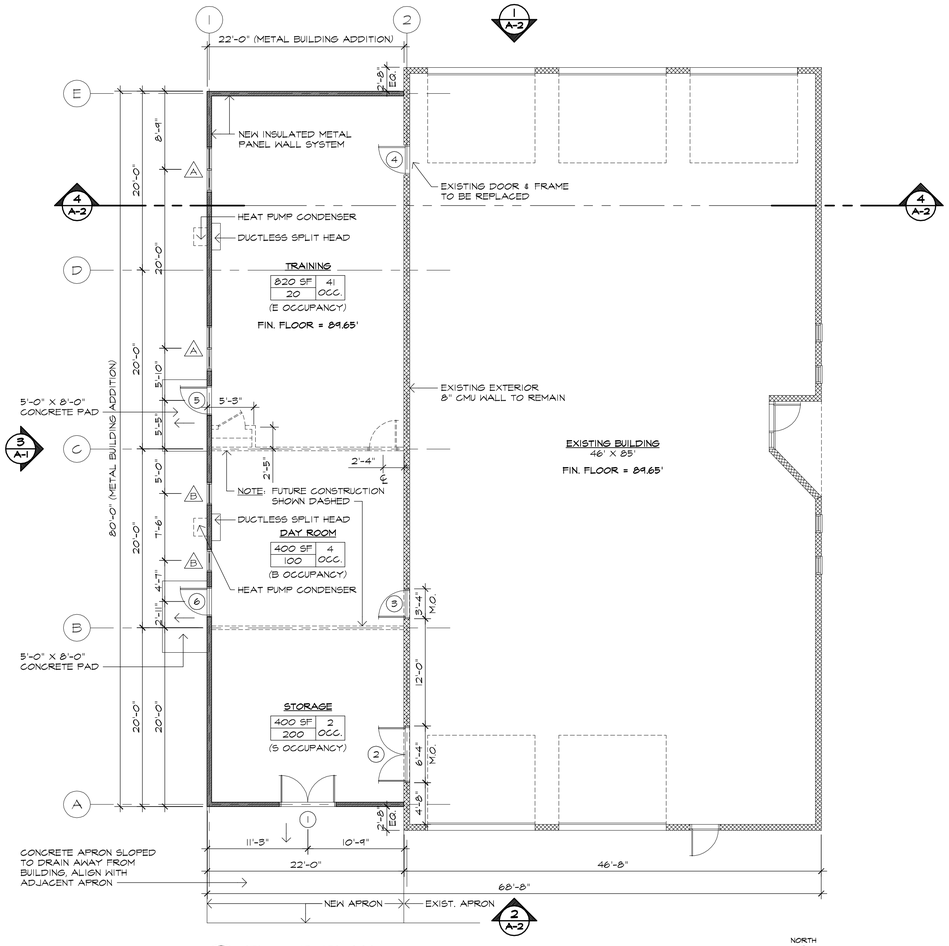
SHEET TITLE

SPECIFICATIONS

PROJ. NO.	2016514
SCALE	AS NOTED
DATE	11/09/2016
DESIGNED	EVELYN COLE SMITH
DRAWN	CLINTON RICHMOND
CHECKED	ECS

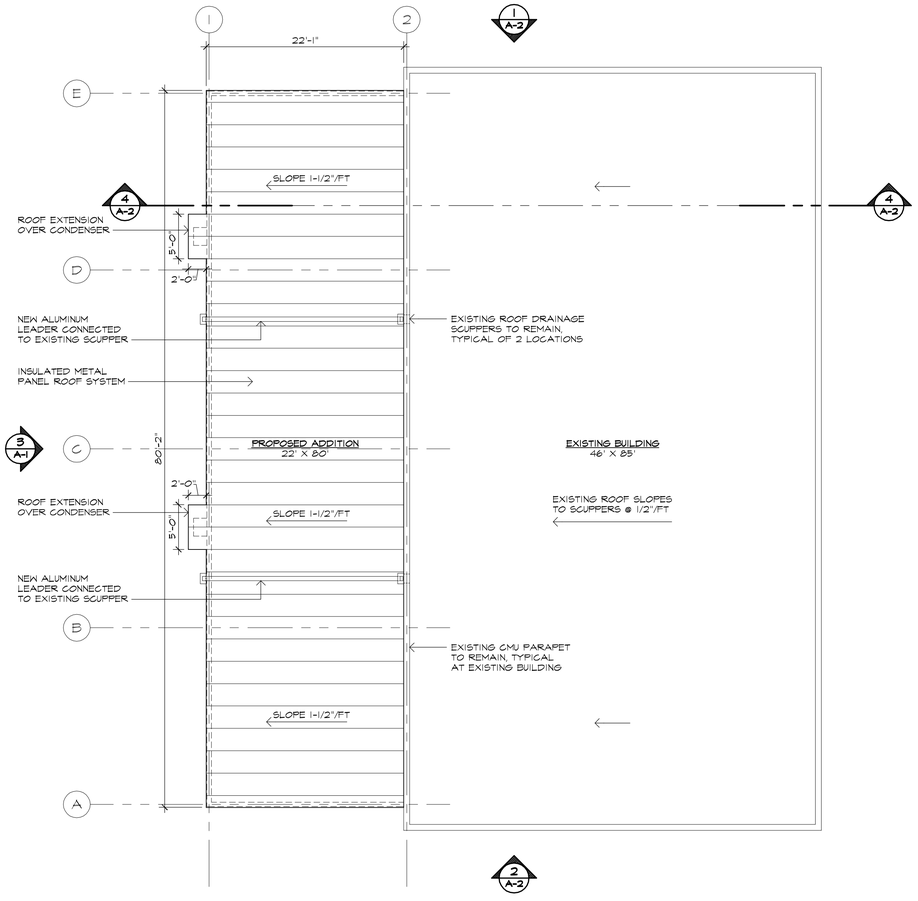
SHEET

A-0



1 A-1 FLOOR PLAN
SCALE: 1/8"=1'-0"

NOTE: FUTURE CONSTRUCTION SHOWN AS DASHED WALLS.



2 A-1 ROOF PLAN
SCALE: 1/8"=1'-0"

DOOR SCHEDULE

NO.	SIZE	DOOR TYP.	DOOR MAT.	DOOR FIN.	DOOR LIGHT	DOOR LBL.	FRAME TYP.	FRAME MAT.	FRAME FIN.	FRAME LBL.	HDWR	REMARKS
①	3'-0"XT'-0"XI-3/4"(PAIR)	B	HM	PTD.	-	-	3	HM	PTD.	-	1	GALV. WELDED FRAME/ HOLLOW MTL. DR. / INSULATED
②	3'-0"XT'-0"XI-3/4"(PAIR)	B	HM	PTD.	-	-	2	HM	PTD.	-	2	GALV. WELDED FRAME/ HOLLOW MTL. DR. / INSULATED
③	3'-0" X 7'-0" X 1-3/4"	C	HM	PTD.	4" X 25"	20	1	HM	PTD.	C	3	INSULATED / WIRE GLASS
④	3'-0" X 7'-0" X 1-3/4"	C	HM	PTD.	4" X 25"	20	1	HM	PTD.	C	3	INSULATED / WIRE GLASS
⑤	3'-0" X 7'-0" X 1-3/4"	A	HM	PTD.	-	-	4	HM	PTD.	-	4	
⑥	3'-0" X 7'-0" X 1-3/4"	A	HM	PTD.	-	-	4	HM	PTD.	-	4	

HARDWARE SETS

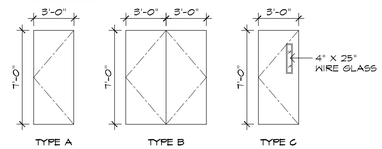
SET NO. 1	3 PAIR SECURITY HINGES, LEVER HANDLE LOCK SET, LATCH PROTECTOR, CLOSER, FLUSH BOLTS (TOP AND BOTTOM), 8" KICK PLATE, KICK DOWN DOOR STOPS, WEATHERSTRIPPING, DROP DOWN SWEEP, THRESHOLD, WIND CHAINS
SET NO. 2	3 PAIR SECURITY HINGES, LEVER HANDLE LATCH SET, CLOSER, FLUSH BOLTS (TOP AND BOTTOM), 8" KICK PLATE, KICK DOWN DOOR STOPS, WEATHERSTRIPPING, DROP DOWN SWEEP, THRESHOLD
SET NO. 3	1 1/2 PAIR HINGES, LEVER HANDLE LATCH SET, CLOSER, 8" KICK PLATE, KICK DOWN DOOR STOP, WEATHERSTRIPPING, DROP DOWN SWEEP, THRESHOLD
SET NO. 4	1 1/2 PAIR HINGES, LEVER HANDLE LATCH SET, LATCH PROTECTOR, CLOSER, 8" KICK PLATE, KICK DOWN DOOR STOP, WEATHERSTRIPPING, DROP DOWN SWEEP, THRESHOLD, WIND CHAIN

HARDWARE SCHEDULE

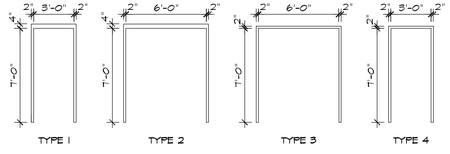
HINGES	STANLEY, HEAVY WEIGHT, 5 KNUCKLE, BALL BEARING, FBB 199, SATIN STAINLESS STEEL
LEVER HANDLE LOCKSET	YALE 5400 SERIES, 5407 LN, BRUSHED STAINLESS STEEL, MONROE STYLE HANDLE
LEVER HANDLE LATCH SET	YALE 5400 SERIES, 5401 LN, BRUSHED STAINLESS STEEL, MONROE STYLE HANDLE
FLUSH BOLT	ROCKWOOD 555-12 TOP AND BOTTOM BOLTS, BRUSHED STAINLESS STEEL
CLOSER	LCN 4040, ADA COMPLIANT, BRUSHED STAINLESS STEEL
KICK PLATE	STANLEY, V1994 KICK PLATE, STAINLESS STEEL, 8" X 34"
KICK DOWN HOLDER	ROCKWOOD #460
THRESHOLD	PEMKO 171SAK, HEAVY DUTY, SKID RESISTANT MILL FINISH ALUMINUM

NOTES:
1. ALL HARDWARE TO BE COMMERCIAL GRADE.
2. ALL EXTERIOR DOORS SHALL HAVE NON-REMOVABLE HINGE PINS.
3. ALL HARDWARE TO BE ADA COMPLIANT.

DOOR TYPES:



FRAME TYPES:



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STATE OF CONNECTICUT
EVELYN C. SMITH
NO. 7366
LICENSED ARCHITECT

RESERVED

PROJECT

Proposed
Pomfret Fire Department
Building Addition
67 Hampton Road (Route 97)
Pomfret Center, CT 06259

Prepared For
Town of Pomfret
5 Haven Road (Route 44)
Pomfret Center, CT 06259

REVISIONS

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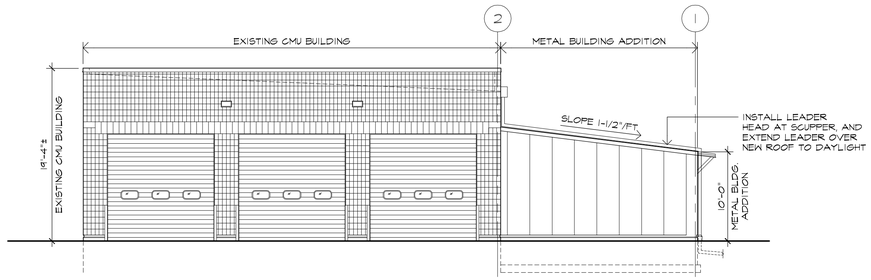
SHEET TITLE

FLOOR PLAN & ROOF PLAN

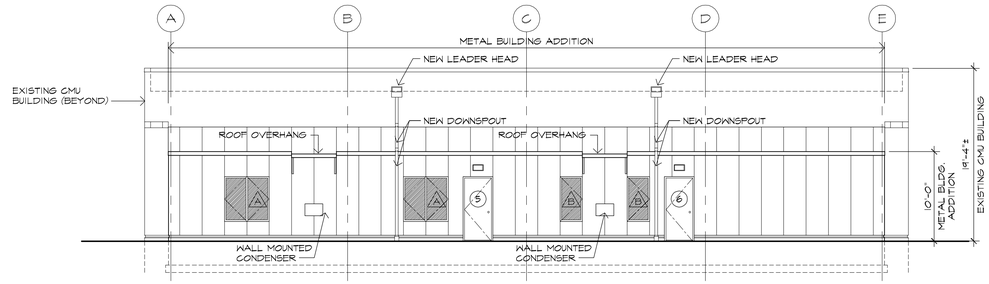
PROJ. NO.	2016514
SCALE	AS NOTED
DATE	11/09/2016
DESIGNED	EVELYN COLE SMITH
DRAWN	CLINTON RICHMOND
CHECKED	ECS

SHEET

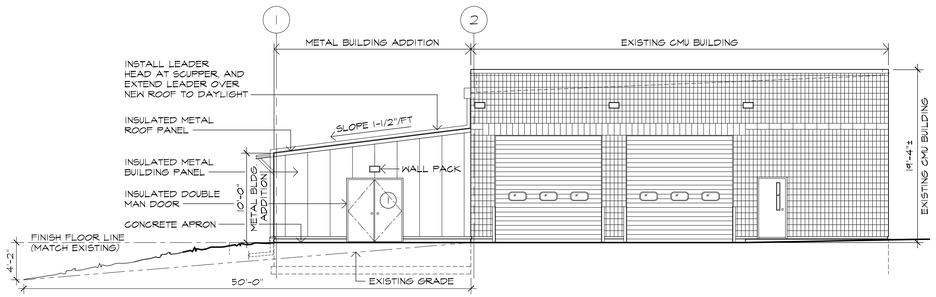
A-1



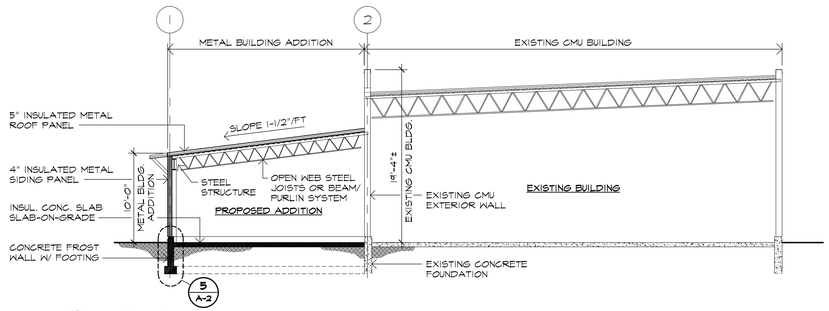
1 A-2 **EAST ELEVATION**
SCALE: 1/8"=1'-0"



3 A-2 **NORTH ELEVATION**
SCALE: 1/8"=1'-0"



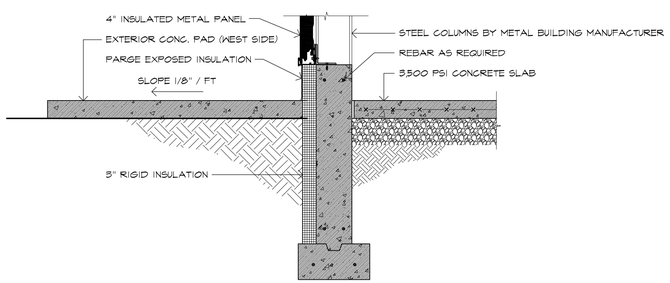
2 A-2 **WEST ELEVATION**
SCALE: 1/8"=1'-0"



4 A-2 **BUILDING SECTION**
SCALE: 1/8"=1'-0"

WINDOW SCHEDULE

TYPE	QTY.	DESCRIPTION	MATERIAL	SIZE		FINISH		GLAZING		HARDWARE		REMARKS
				WIDTH	HEIGHT	INTERIOR	EXTERIOR	TYPE	SHGC	SET	FINISH	
A	2	(PAIR) CASEMENT	METAL	5'-0"	5'-0"	WHITE	WHITE	LOW E ARGON	-	-	-	1/2" INSULATED
B	2	CASEMENT	METAL	2'-6"	5'-0"	WHITE	WHITE	LOW E ARGON	-	-	-	1/2" INSULATED



5 A-2 **DETAIL AT FOUNDATION**
SCALE: 3/4"=1'-0"

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&
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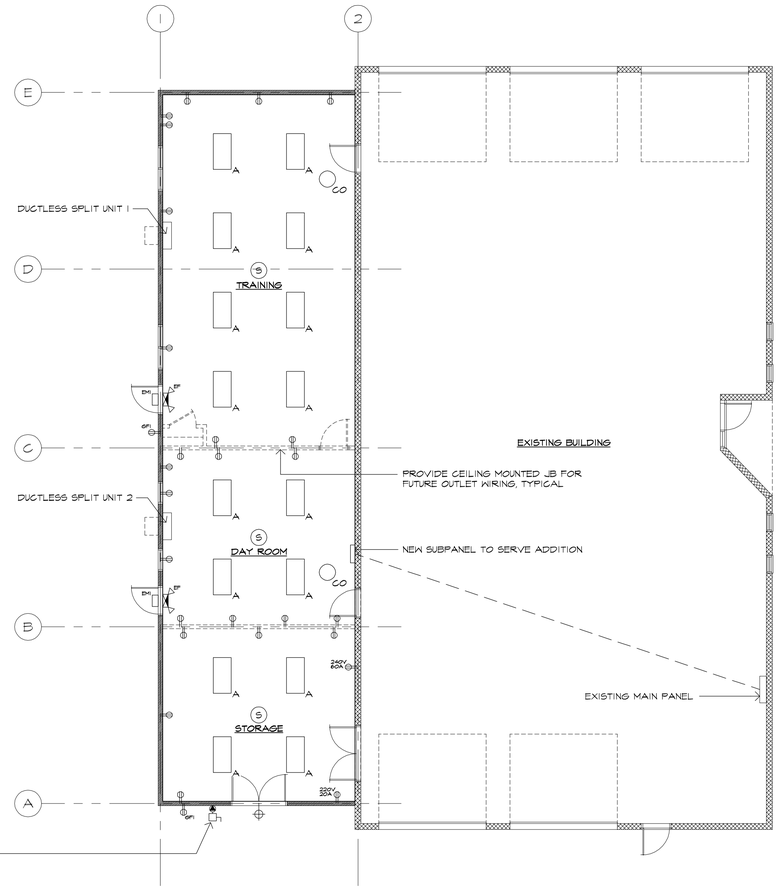

ADD ALTERNATE ONE

INSTALL 220 AMP. DISCONNECT SWITCH.

1 A-3 ELECTRICAL SCHEMATIC PLAN
SCALE: 1/8"=1'-0"

NORTH

NOTE:

1. ALL POWER TO BE RUN IN RIGID CONDUIT ATTACHED TO INTERIOR OF STRUCTURE.

EQUIPMENT SCHEDULE

TYP.	DESCRIPTION	MFG	MODEL NO
UNIT 1	SURFACE MOUNTED DUCTLESS SPLIT UNIT	MITSUBISHI	MODEL MZ-FH09NA
UNIT 2	SURFACE MOUNTED DUCTLESS SPLIT UNIT	MITSUBISHI	MODEL MZ-FH18NA

LEGEND

- DUPLEX OUTLET
- SPECIAL POWER OUTLET (220V 20A)
- GFI — GROUND FAULT INTERRUPTER OUTLET
- WALL PACK (LED)
- ILLUMINATED EXIT SIGN & EMERGENCY LIGHTING
- S — SMOKE DETECTOR
- CO — CARBON DIOXIDE DETECTOR
- A — 2'X4' RECESSED INDIRECT LIGHT FIXTURE MODEL: COLUMBIA, STE-24-2-TB-G-MPO-E-U
- EMI — LED EMERGENCY LIGHTING UNIT
- DISCONNECT SWITCH

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POWER & LIGHTING PLAN

PROJ. NO.	2016514
SCALE	AS NOTED
DATE	11/09/2016
DESIGNED	EVELYN COLE SMITH
DRAWN	CLINTON RICHMOND
CHECKED	ECS

SHEET

A-3