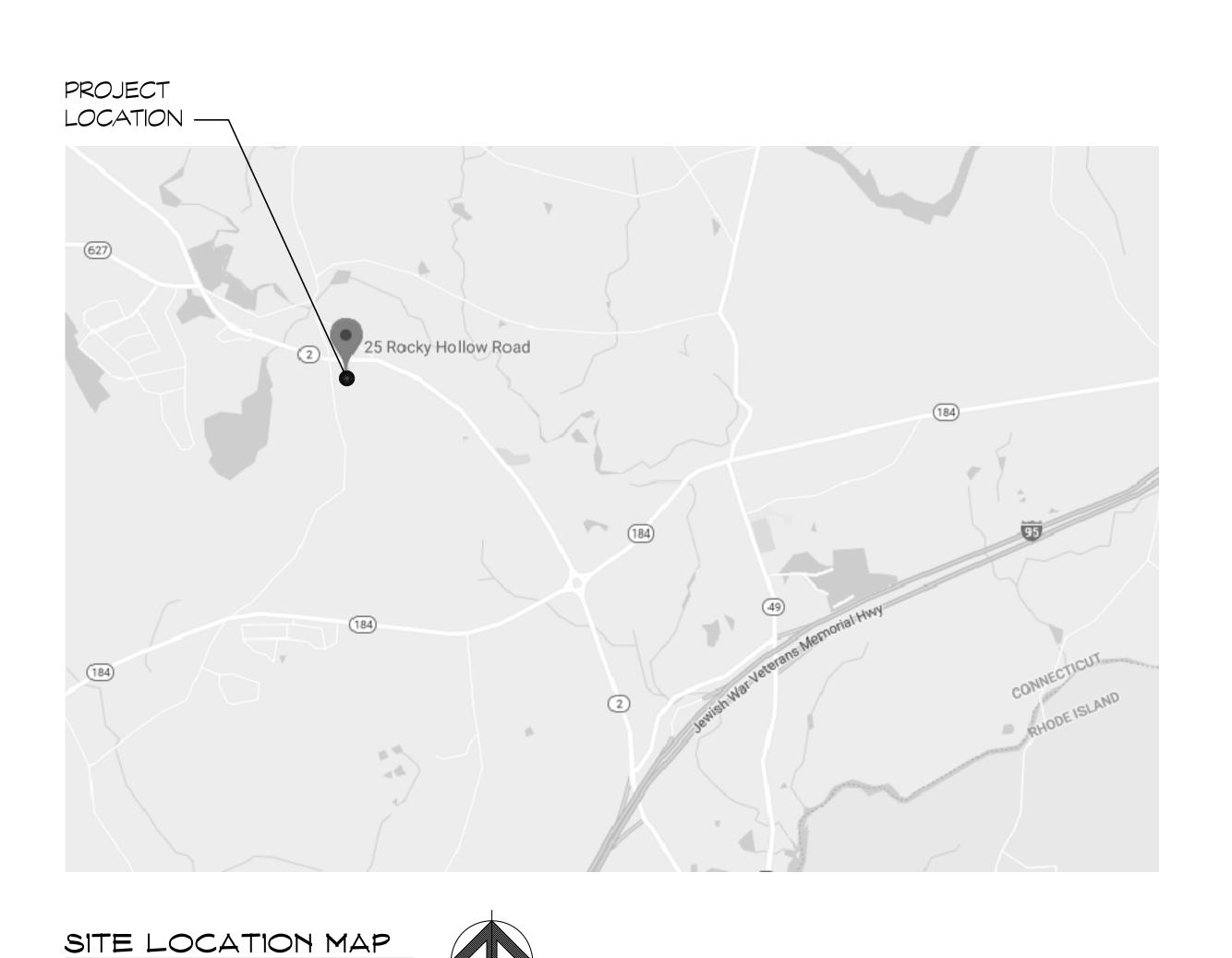
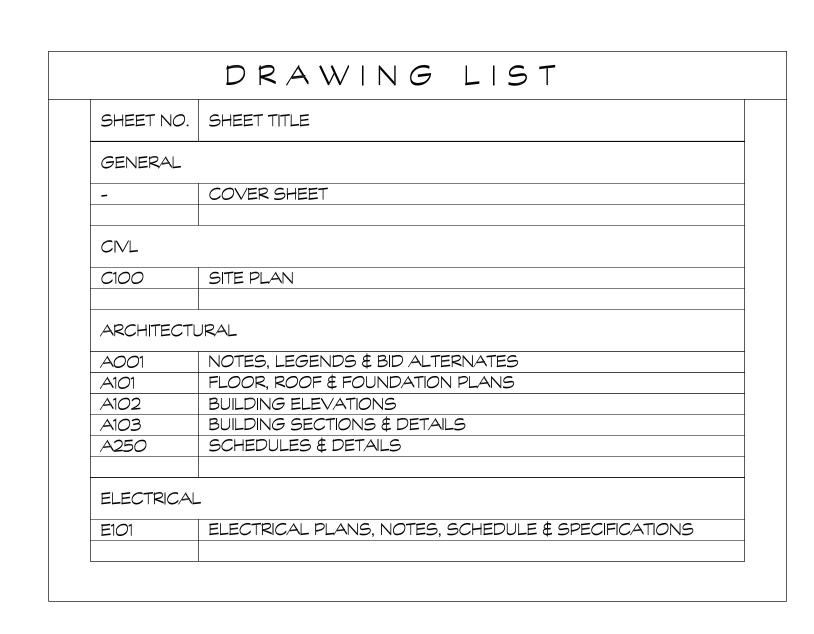
Town of North Stonington

Emergency Services Garage

25 Rocky Hollow Road North Stonington, Connecticut 06359





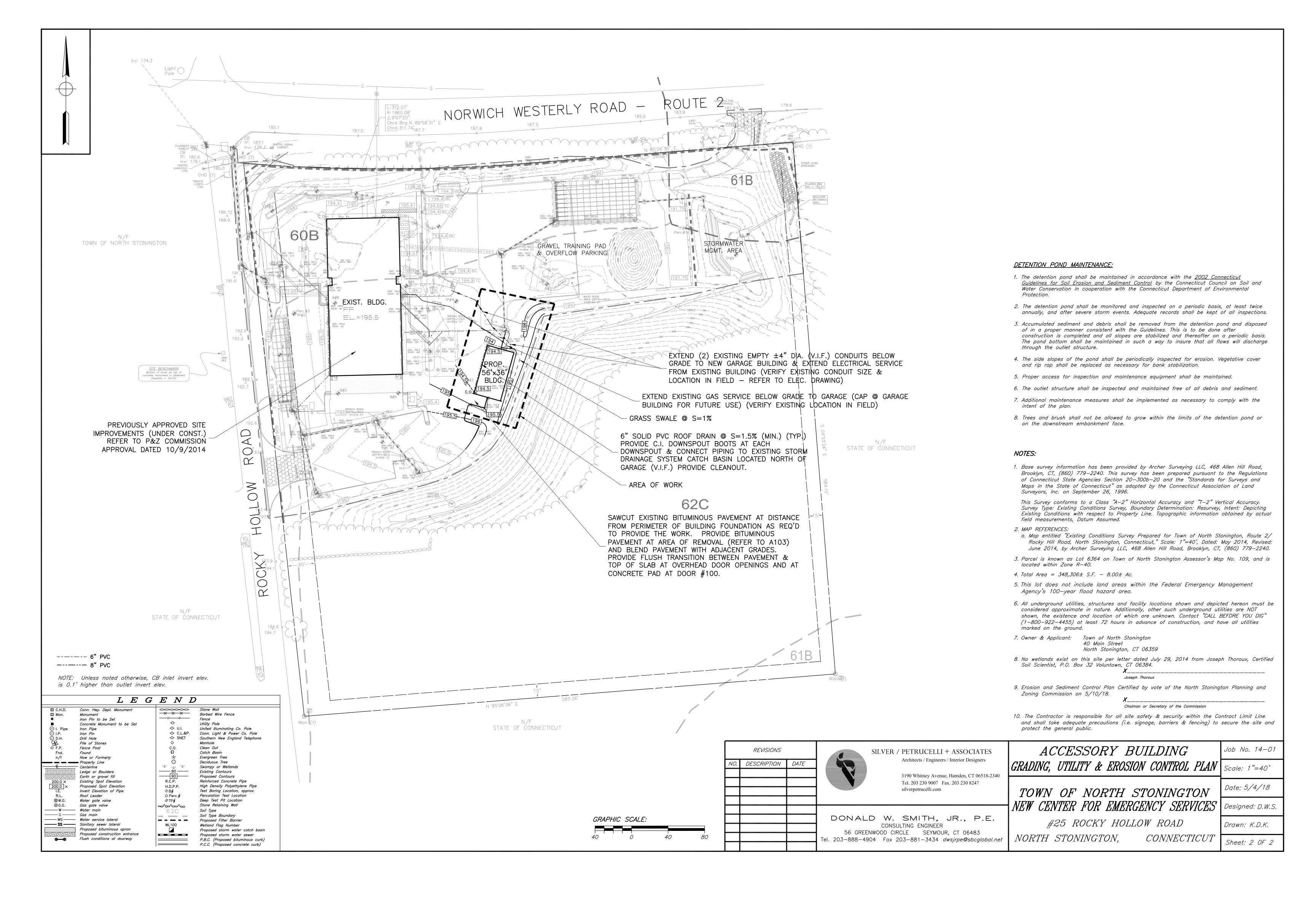


SILVER / PETRUCELLI + ASSOCIATES

SCALE: NONE

Architects / Engineers / Interior Designers

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Revision:	Description:	Date:	Revised B
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Site Plan

Date:

APRIL 24, 2019

Scale:

AS NOTED

Drawn By:

DWSJR

Project Number:

19.068

ARCHITECTURAL ABBREVIATION LIST							SYM	1BOLS LEGEND	HATCH PATTERNS	
ABBREV ABV	ABBREVIATION(S) ABOVE	DS DSC	DOWNSPOUT DOWNSPOUT SCUPPER		IMPACT RESISTANT GYPSUM WALLBOARD	REINF REV	REINFORCE(D)(ING) REVISED(D)(ION)	•	ELEVATION / BULLET	CONCRETE MASONRY UNIT
ACMU ACP	ACOUSTICAL C.M.U. ACOUSTICAL CEILING PANEL	DWG EA	DRAWING(S) EACH	JAN JT	JANITOR JOINT	RES REQ, REQ'D		15	KEY NOTE TAG	
ACT ACP		EF EJ, EXP JT	EXHAUST FAN EXPANSION JOINT		LABEL LAVATORY	RH RM	RIGHT HAND ROOM	Á	WALL / PARTITION TYPE	CONCRETE
ACU, A/C ADD	CEILING PANEL AIR CONDITIONING UNIT ADDITIONAL	ELEC ELEV EQ	ELECTRIC(AL) ELEVATION(S)	LKR	LIVE LOAD LOCKER(S) LONG LEG VERTICAL	RO RT	ROUGH OPENING RESILIENT TILE		IDENTIFICATION	
A/E AFF	ARCHTIECT/ENGINEER ABOVE FINISHED FLOOR	EQUIP EWC	EQUAL EQUIPMENT ELECTRIC WATER COOLER	MAINT	MAINTENANCE MANUFACTURE(R)(D)	SAN SCHED SD	SANITARY SCHEDULE SOAP DISPENSER	(123)	DOOR IDENTIFICATION TAG	BRICK
AHU ALUM	AIR HANDLING UNIT ALUMINUM	EWC-H	ELECTRIC WATER COOLER- HANDICAP/ACCESSIBLE	MAT	MATERIAL(S) MAXIMUM	SF SFM	SQUARE FEET SANITARY FORCE MAIN			METAL
APPROX ARCH	APPROXIMATE(LY) ARCHITECT(URE)(URAL)	EXIST EXP	EXISIT(ING) EXPOSED	MEMB	MECHANICAL MEMBRANE	SHT SIM	SHEET SIMILAR	(9'-0")	CEILING HEIGHT TAG	
ARGWB	ABUSE RESISTANT GYPSUM WALLBOARD	FD FEC	FLOOR DRAIN FIRE EXTINGUISHER CABINET		METAL MEDIUM DENSITY OVERLAY	SPEC SQ	SPECIFIC(ATION)(S) SQUARE	(T3)	TOILET ACCESSORY IDENTIFICATION TAG	GRATING AND/OR RIGID INSULATION
ASPH AUTO	ASPHALT AUTOMATIC BOARD	FFL FF FH	FINISH FLOOR LINE FINISH FLOOR	MIR	MINIMUM, MINUTE MIRROR MISCELLANEOUS	SS STD	STAINLESS STEEL STUD STEEL			SIDING AND/OR STANDING
BD BIT BLDG	BITUMINOUS BUILDING	FIN FIXT	FIRE HYDRANT FINIISH(ED) FIXTURE(S)	MO	MASONRY OPENING MOUNTED	STL STOR	STEEL STORAGE T STRUCTURE(AL)		- COLUMN GRID TAG	SEAM MTL. ROOF SYSTEM
BLK, BLKG BM	BLOCK(ING) BENCH MARK	FLUOR FURR	FLUORESCENT FURRING	MWP	METAL WALL PANEL NOT APPLICABLE	SUSP SYM	SUSPENDED SYMMETRY(ICAL)	8		ROUGH WOOD
BO BOT	BOTTOM OF BOTTOM	FLEX FLR	FLEXIBLE FLOOR		NOT IN CONTRACT NUMBER	SYS TAG, T&G	SYSTEM TONGUE AND GROOVE	A-503	DETAIL TAG	
CAB CB	CABINET CATCH BASIN	FFE FF&E	FINISH FLOOR ELEVATION FURNITURE, FIXTURES & EQUIPMENT	NRC	NOMINAL NOISE REDUCTION COEFFICIENT	TB TEL	TOWEL BAR TELEPHONE			FINISHED WOOD
CAC CBU	COMMON ACCESS CARD CEMENTITIOUS BACKER UNIT	FO FT, FTG	FACE OF FOOT(ING), FEET.		NOT TO SCALE ON CENTER	THK T.O.	THICK(NESS) TOP OF	$\begin{pmatrix} 5 \\ A-201 \end{pmatrix}$	SECTION TAG	PLYWOOD
CIR CER CIP	CIRCLE CERAMIC CAST IN PLACE	FRP GA	FIBERGLASS REINFORCED PLASTIC GAGE, GAUGE	OH OPER	OUTSIDE DIAMETER OVERHEAD OPERATOR	TOS TPD	TOP OF STEEL TOILET PAPER DISPENSER			PL TWOOD
CHEM CJ	CAST IN PLACE CHEMICAL CONTROL / CONSTRUCTION JOINT	GALV GL GB	GALVANIZED GLASS, GLAZE(D)(ING) GRAB BAR		OPPOSITE HAND OPPOSITE	TS TYP UG	TUBE STEEL TYPICAL UNDERGROUND	3 A-150		BATT INSULATION
CL •	CLOSET CENTERLINE	GWB GYP	GRAD DAR GYPSUM WALL BOARD GYPSUM	05	OVERFLOW SCUPPER PRE-ENGINEERED BUILDING	UL UNF	UNDERWRITERS LABORATORIES UNFINISHED	A-150 A-150	INTERIOR ELEVATION TAG	
CLG CLR	CEILING CLEAR	HDPE HDWR	HIGH DENSITY POLYETHYLENE HARDWARE		PEDESTAL PREFORMED EXPANSION JOINT	UON VCT	UNLESS OTHERWISE NOTED VINYL COMPOSITION TILE	$\frac{\sqrt{1}}{\sqrt{1}}$		GYPSUM BOARD AND/OR GRAVEL SURFACE
CMU COL CONC	CONCRETE MASONRY UNIT COLUMN CONCRETE	HGT, HT HORZ	HEIGHT HORIZONTAL	PLAM	PLATE PLASTIC LAMINATE PLYWOOD	VERT VEST	VERTICAL VESTIBULE		REVISION TAG/ REVISION CLOUD	POROUS FILL
CONT	CONTINUE(OUS) CORRIDOR	H.P. HR	HIGH POINT HOUR		PETROLEUM, OIL & LUBRICATION PORCELAIN TILE	V.I.F. VMF VWC	VERIFY IN FIELD VEHICLE MAINTENANCE FACILITY VINITUAL CONFINE			AND/OR GRAVEL
CPT CT	CARPET CERAMIC TILE	HVAC ID	HEATING, VENTILATION & AIR CONDITIONING INSIDE DIAMETER		PRESSURE TREATED PREFABRICATED	W/ WD	VINYL WALL COVERING WITH WOOD	OFFICE 14	ROOM NAME / NUMBER IDENTIFICATION TAG	UNDISTURBED UNDISTURBED SURROUNDING EARTH
DEMO DET, DTL	DEMOLISH, DEMOLITION DETAIL	INFO INFIL	INFORMATION INFILTRATION	PTD	PRE-FINISHED PAINT/PAINTED	WH, WHS WIN	WAREHOUSE WINDOW			
DIA DIAG DIM/DIMG	DIAMETER DIAGONAL DIMENIGIONICO	INSUL INT	INSULATE(D)(ION) INTERIOR	RA RAD RD	RETURN AIR RADIUS ROOF DRAIN	W/O WPT	WITHOUT WORK POINT	W A	WINDOW IDENTIFICATION TAG	COMPACTED FILL
DIM/DIMS DISP DN	DIMENSION(S) DISPENSER DOWN	IAW INV	IN ACCORDANCE WITH INVERT	REC REF	RECESS(ED) REFERENCE	WRGWB	WATER RESISTANT GYPSUM WALLBOARD			
VI N		IR	IMPACT RESISTANT	1741		WWF	WELDED WIRE FABRIC			

BID ALTERNATES:

- A. ADD ALTERNATE NO. 1: LED LIGHTING & ELECTRICAL DEVICES
- ADD THE FOLLOWING TO THE BASE BID SCOPE OF WORK: THE LABOR, MATERIALS AND EQUIPMENT TO PROVIDE AND INSTALL NEW EXTERIOR AND INTERIOR LED LIGHTING, RECEPTACLES AND SWITCHES AS INDICATED ON THE DRAWINGS. WORK ALSO INCLUDES ALL ASSOCIATED WIRING AND CIRCUITRY FOR A COMPLETE INSTALLATION. REFER TO DRAWING E101 FOR ADDITIONAL INFORMATION.
- B. ADD ALTERNATE NO. 2: VINYL SIDING

ADD THE FOLLOWING TO THE BASE BID SCOPE OF WORK: THE LABOR, MATERIALS AND EQUIPMENT TO PROVIDE AND INSTALL VINYL SIDING IN LIEU OF T1-11 PLYWOOD SIDING. WORK ALSO INCLUDES ALL ASSOCIATED COMPONENTS FOR A COMPLETE INSTALLATION. REFER TO THE TYPICAL WALL CONSTRUCTION NOTES ON DRAWING 2/A103 FOR MORE INFORMATION.

C. ADD ALTERNATE NO. 3: VISION PANELS (WINDOWS) ON OVERHEAD DOORS

ADD THE FOLLOWING TO THE BASE BID SCOPE OF WORK: THE LABOR, MATERIALS AND EQUIPMENT TO PROVIDE AND INSTALL VISION PANEL WINDOW ASSEMBLIES AT EACH OVERHEAD DOOR ASSEMBLY AS INDICATED ON THE DRAWINGS.

CAST-IN-PLACE CONCRETE SPECIFICATIONS: PART 1 - GENERAL

- 1.1 FIELD CONDITIONS
- A. COLD-WEATHER PLACEMENT: COMPLY WITH ACI 306.1 AND AS FOLLOWS. PROTECT CONCRETE WORK FROM PHYSICAL DAMAGE OR REDUCED STRENGTH THAT COULD BE CAUSED BY FROST, FREEZING ACTIONS, OR LOW TEMPERATURES.
- 1. WHEN AVERAGE HIGH AND LOW TEMPERATURE IS EXPECTED TO FALL BELOW 40 DEG F FOR THREE (3) SUCCESSIVE DAYS, MAINTAIN DELIVERED CONCRETE MIXTURE TEMPERATURE WITHIN THE TEMPERATURE RANGE REQUIRED BY ACI 301.
- 2. DO NOT USE FROZEN MATERIALS OR MATERIALS CONTAINING ICE OR SNOW. DO NOT PLACE CONCRETE ON FROZEN SUBGRADE OR ON SUBGRADE CONTAINING FROZEN MATERIALS.
- 3. DO NOT USE CALCIUM CHLORIDE, SALT, OR OTHER MATERIALS CONTAINING ANTIFREEZE AGENTS OR CHEMICAL ACCELERATORS UNLESS OTHERWISE SPECIFIED AND APPROVED IN MIXTURE DESIGNS.
- B. HOT-WEATHER PLACEMENT: COMPLY WITH ACI 301 AND AS FOLLOWS: 1. MAINTAIN CONCRETE TEMPERATURE BELOW 90 DEG F AT TIME OF PLACEMENT. CHILLED MIXING WATER OR CHOPPED ICE MAY BE USED CALCULATED TO TOTAL AMOUNT OF MIXING WATER. USING LIQUID NITROGEN TO COOL CONCRETE IS CONTRACTOR'S OPTION.
- 2. FOG-SPRAY FORMS, STEEL REINFORCEMENT, AND SUBGRADE JUST BEFORE PLACING CONCRETE. KEEP SUBGRADE UNIFORMLY MOIST WITHOUT STANDING WATER, SOFT SPOTS, OR DRY AREAS.

PART 2 - PRODUCTS 2.1 CONCRETE, GENERAL

- A. ACI PUBLICATIONS: COMPLY WITH THE FOLLOWING UNLESS MODIFIED BY REQUIREMENTS IN THE CONTRACT DOCUMENTS: 1. ACI 301, "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- 2. ACI 117, "SPECIFICATIONS FOR TOLERANCES FOR CONCRETE D. ADMIXTURES: USE ADMIXTURES ACCORDING TO MANUFACTURER'S WRITTEN CONSTRUCTION AND MATERIALS." 2.2 STEEL REINFORCEMENT
- A. REINFORCING BARS: ASTM A 615, GRADE 60, DEFORMED. B. EPOXY-COATED REINFORCING BARS: ASTM A 615, GRADE 60, DEFORMED BARS, ASTM A 775 OR ASTM A 934, EPOXY COATED, WITH LESS THAN TWO
- PERCENT (\$2%) DAMAGED COATING IN EACH 12-INCH BAR LENGTH.
- C. PLAIN-STEEL WIRE: ASTM A 82. D. PLAIN-STEEL WELDED WIRE REINFORCEMENT: ASTM A 185. PLAIN.

THAN CONCRETE AND AS FOLLOWS:

- FABRICATED FROM AS-DRAWN STEEL WIRE INTO FLAT SHEETS.
- E. DEFORMED-STEEL WELDED-WIRE REINFORCEMENT: ASTM A 1064, FLAT
- 2.4 REINFORCEMENT ACCESSORIES

TO LENGTH WITH ENDS SQUARE AND FREE OF BURRS.

- B. BAR SUPPORTS: BOLSTERS, CHAIRS, SPACERS, AND OTHER DEVICES FOR SPACING, SUPPORTING, AND FASTENING REINFORCING BARS AND WELDED WIRE REINFORCEMENT IN PLACE. MANUFACTURE BAR SUPPORTS FROM STEEL WIRE PLASTIC OR PRECAST CONCRETE ACCORDING TO CRSI'S "MANUAL OF STANDARD PRACTICE," OF GREATER COMPRESSIVE STRENGTH
- 1. FOR CONCRETE SURFACES EXPOSED TO VIEW WHERE LEGS OF WIRE BAR SUPPORTS CONTACT FORMS, USE CRSI CLASS 1 PLASTIC-PROTECTED STEEL WIRE OR CRSI CLASS 2 STAINLESS-STEEL BAR SUPPORTS.
- 2. FOR EPOXY-COATED REINFORCEMENT, USE EPOXY-COATED OR OTHER DIELECTRIC-POLYMER-COATED WIRE BAR SUPPORTS.

2.5 CONCRETE MATERIALS

- FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.

- AGGREGATE OR BETTER, GRADED. PROVIDE AGGREGATES FROM A SINGLE SOURCE WITH DOCUMENTED SERVICE RECORD DATA OF AT LEAST TEN (10) YEARS' SATISFACTORY SERVICE IN SIMILAR APPLICATIONS AND SERVICE CONDITIONS USING SIMILAR AGGREGATES AND CEMENTITIOUS MATERIALS.
- 1. MAXIMUM COARSE-AGGREGATE SIZE: -INCH NOMINAL
- B. CEMENTITIOUS MATERIALS: LIMIT PERCENTAGE, BY WEIGHT, OF CEMENTITIOUS MATERIALS OTHER THAN PORTLAND CEMENT IN CONCRETE AS FOLLOWS:
- 1. FLY ASH: TWENTY-FIVE PERCENT (25%).
- INSTRUCTIONS.
- REQUIRED, FOR PLACEMENT AND WORKABILITY.

EXTERIOR PAINTING NOTES:

- 3. WATER-BASED LIGHT INDUSTRIAL COATING SYSTEM:
- A. PRIME COAT: PRIMER, GALVANIZED, WATER BASED, MPI #134.
- WATER BASED, MATCHING TOPCOAT. C. TOPCOAT: LIGHT INDUSTRIAL COATING, EXTERIOR, WATER BASED,
- 3. WOOD SUBSTRATES:
- LATEX SYSTEM:
- A. PRIME COAT: PRIMER, LATEX FOR EXTERIOR WOOD, MPI #6.

- A. SOURCE LIMITATIONS: OBTAIN EACH TYPE OR CLASS OF CEMENTITIOUS MATERIAL OF THE SAME BRAND FROM THE SAME MANUFACTURER'S PLANT, OBTAIN AGGREGATE FROM SINGLE SOURCE, AND OBTAIN ADMIXTURES
- B. CEMENTITIOUS MATERIALS:
- 1. PORTLAND CEMENT: ASTM C 150, TYPE 1/11, GRAY.
- 2. FLY ASH: ASTM C 618, CLASS F OR C. NORMAL-WEIGHT AGGREGATES: ASTM C 33, CLASS 3S COARSE
- FINE AGGREGATE: FREE OF MATERIALS WITH DELETERIOUS REACTIVITY TO ALKALI IN CEMENT
- D. WATER: ASTM C 94 AND POTABLE. 2.6 CONCRETE MIXTURES, GENERAL
- TO CONTROL TEMPERATURE, PROVIDED WATER EQUIVALENT OF ICE IS A. PREPARE DESIGN MIXTURES FOR EACH TYPE AND STRENGTH OF CONCRETE, PROPORTIONED ON THE BASIS OF LABORATORY TRIAL MIXTURE OR FIELD TEST DATA, OR BOTH, ACCORDING TO ACI 301.
 - 1. USE A QUALIFIED INDEPENDENT TESTING AGENCY FOR PREPARING AND REPORTING PROPOSED MIXTURE DESIGNS BASED ON LABORATORY TRIAL MIXTURES.

 - C. LIMIT WATER-SOLUBLE, CHLORIDE-ION CONTENT IN HARDENED CONCRETE TO 0.30 PERCENT BY WEIGHT OF CEMENT.
 - 1. USE HIGH-RANGE WATER-REDUCING ADMIXTURE IN CONCRETE, AS
 - 2. USE WATER-REDUCING AND -RETARDING ADMIXTURE WHEN REQUIRED BY HIGH TEMPERATURES, LOW HUMIDITY, OR OTHER ADVERSE PLACEMENT CONDITIONS.
 - 3. USE WATER-REDUCING ADMIXTURE IN PUMPED CONCRETE, CONCRETE FOR HEAVY-USE INDUSTRIAL SLABS AND PARKING STRUCTURE SLABS, CONCRETE REQUIRED TO BE WATERTIGHT, AND CONCRETE WITH A W/C RATIO BELOW 0.50.

PAINTING SCHEDULE:

- A. JOINT DOWEL BARS: ASTM A 615, GRADE 60, PLAIN-STEEL BARS, CUT TRUE A. GALVANIZED-METAL SUBSTRATES:

 - B. INTERMEDIATE COAT: LIGHT INDUSTRIAL COATING, EXTERIOR,
 - SEMI-GLOSS (GLOSS LEVEL 5), MPI #163.
 - - B. TOPCOAT: LATEX, EXTERIOR, GLOSS (GLOSS LEVEL 6), MPI #119.

- DRIFTING, UNBALANCES AND SLIDING PER SECTION 1608 (IBC). MINIMUM ROOF LIVE LOAD = 30 PSF ROOF DEAD LOAD = 20 PSF

ROOF SNOW LOAD CRITERIA: PG = 30 PSF, CE = 1.0 AND IS = 1.2, CT= 1.0 WITH INCREASES FOR SNOW

SECTION 1609 (IBC) WITH BASIC WIND SPEED = 115 MPH (3-SECOND GUST), IW = 1.15, EXPOSURE CLASSIFICATION "B" ALL DIRECTIONS.

MINIMUM WIND LOAD ON PRIMARY STRUCTURE = PER IBC 1609.6.1.2

WIND LOADS ON SECONDARY ELEMENTS SHALL CONFORM WITH ASCE 7- 02.

TYPICAL WIND LOAD ON EXTERIOR WALLS = PER ASCE 7-02

MAXIMUM WIND LOAD AT CORNERS = PER ASCE 7-O2 NET WIND UPLIFT AT OVERHANGS = PER ASCE 7-O2

SHOP-FABRICATED WOOD TRUSSES:

GENERAL NOTES

STARTING ANY LAYOUT OF THE WORK.

NOT A PART OF THIS CONTRACT.

UNAUTHORIZED VISITORS.

ANY CHANGES TO THE WORK.

WITH NONCOMBUSTIBLE MATERIALS.

BELOW THE CENTER OF THE DOOR.

ADDITIONAL COST TO THE OWNER.

FEDERAL ACCESSIBILITY STANDARDS.

2015 INTERNATIONAL BUILDING CODE (IBC).

OTHERWISE INDICATED ON DOOR SCHEDULE.

LOCATIONS IN FIELD.

STRUCTURAL NOTES:

1. PERFORM CONSTRUCTION WORK PER DIVISION O1 REQUIREMENTS

IMMEDIATELY AND IN WRITING BEFORE BEGINNING ANY WORK.

STRICTLY ADHERE TO MANUFACTURERS' PRINTED INSTRUCTIONS.

CONSTRUCTION PERSONNEL WILL BE ADDRESSED AT THAT TIME.

2. DO NOT SCALE OR MEASURE ANY DRAWING. REFER TO DIMENSIONS AND NOTES ON DRAWINGS TO LOCATE

WALLS AND CONSTRUCTION ITEMS. VERIFY THE FIGURES AND DIMENSIONS SHOWN ON THE DRAWINGS BEFORE

3. REPORT ANY ERRORS, INACCURACIES, MISSING DIMENSIONAL REQUIREMENTS, OR CONFLICTS TO THE ARCHITECT

4. WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES, LAWS AND STATUTES AS REQUIRED.

6. REFER TO FURNITURE/EQUIPMENT PLANS FOR EQUIPMENT, FURNITURE AND FURNITURE ACCESSORY LOCATIONS.

7. LOCATION OF STAGING AREAS, VEHICULAR AND PEDESTRIAN ACCESS TO THE SITE AND GC PARKING SHALL BE FINALIZED DURING THE PRE-CONSTRUCTION MEETING. BUILDING AND SITE CHECK-IN PROCEDURES FOR

8. PROVIDE ALL NECESSARY BARRIERS AND STRUCTURES REQUIRED TO KEEP THE CONSTRUCTION AREA FREE FROM

IMPROVEMENTS, TREES, ETC. AT THE JOB SITE. NOTIFY THE ARCHITECT IMMEDIATELY FOR CLARIFICATION IF ANY

11. VERIFY IN WRITING, AND RECEIVE WRITTEN AUTHORIZATION FROM THE ARCHITECT PRIOR TO COMMENCEMENT OF

12. DIMENSIONS SHOWN ON ARCHITECTURAL FLOOR PLANS AND ENLARGED PLAN DETAILS ARE TO FACE OF FINISH. FACE OF MASONRY, FACE OF CONCRETE, OR TO THE CENTERLINE OF COLUMN UNLESS NOTED OTHERWISE. 13. INSTALL ADDITIONAL NONCOMBUSTIBLE, CONCEALED, HORIZONTAL AND/OR VERTICAL BLOCKING AND STRAPPING AS REQUIRED WITHIN STUD AND JOIST SPACES FOR THE SECURE ANCHORAGE OF ALL ITEMS TO BE MOUNTED ON

FLOOR, WALL AND CEILING SURFACES. COORDINATE THE REQUIRED BLOCKING WITH THE ACTUAL ITEMS

14. COORDINATE THE DIMENSIONS FOR FRAMED OPENINGS FOR ALL BUILT-IN ITEMS, INCLUDING EQUIPMENT AND

15. SECTIONS, DETAILS, NOTES, DIMENSIONS AND CONDITIONS ARE APPLICABLE AT OTHER LOCATIONS WHERE CONDITIONS AND DETAILS ARE SIMILAR BUT NOT SPECIFICALLY NOTED AS SUCH OR ARE NOT SHOWN.

17.1. IN CONCEALED SPACES OF STUD WALLS AND PARTITIONS, AT THE CEILING AND FLOOR OR ROOF LEVELS.

17.4. IN THE SPACES BEHIND COMBUSTIBLE TRIM AND FINISH AND ALL OTHER HOLLOW SPACES WHERE PERMITTED IN

20. ALL EXISTING UTILITIES & EQUIPMENT LOCATIONS ARE APPROXIMATE - CONTRACTOR SHALL FIELD VERIFY EXACT

21. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED ITEMS & EQUIPMENT DURING CONSTRUCTION AT NO

25. PROVIDE ADA ACCESSIBLE DOOR HARDWARE AT ALL ACCESSIBLE MEANS OF EGRESS TO COMPLY WITH UNIFORM

22. ALL RATED DOORS & DOORS FRONTING A CORRIDOR SHALL HAVE POSITIVE LATCHING LOCKSETS UNLESS

24. PROVIDE PANIC/EXIT DEVICES AT ALL DOORS WITH AN EXIT CAPACITY OF 100 PERSONS OR MORE.

26. REFER TO SPECIFICATIONS ON DRAWINGS A001 & A002 FOR PRODUCT & EXECUTION REQUIREMENTS.

ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 CONNECTICUT AMENDMENTS TO THE

27. INSTALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS.

18. WHERE DIFFERENT FLOOR TYPES MEET AND NO SADDLE IS INDICATED, LOCATE THE TRANSITION DIRECTLY

FIRE RESISTANCE RATED CONSTRUCTION AT TEN FOOT INTERVALS, OR THE SPACE SHALL BE SOLIDLY FILLED

16. PROVIDE APPROVED NONCOMBUSTIBLE FIRESTOPPING MATERIALS SECURELY FASTENED IN PLACE. 17. LOCATIONS FOR REQ'D FIRESTOPPING WILL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

17.2. AT CONCEALED SPACES BETWEEN STAIRWAY STRINGERS AT THE TOP & BOTTOM OF THE RUN.

SELECTED. REFER TO ARCHITECTURAL, MILLWORK, FURNITURE/EQUIPMENT, M.E.P/F.P. DRAWINGS FOR ALL ITEMS TO BE WALL/CEILING/FLOOR MOUNTED. ALL WOOD BLOCKING, FRAMING MEMBERS, STUDS, PLYWOOD SHEATHING,

FIXTURES, CASEWORK AND ACCESSORIES, ETC. BASED ON THE ACTUAL ITEMS SELECTED BEFORE INSTALLATION.

9. VERIFY THE LOCATIONS OF ALL EXISTING CONSTRUCTION INCLUDING EXISTING UTILITIES, BUILDINGS, SITE

10. DISPOSE OF ALL UNWANTED MATERIALS & OTHER DEBRIS OFF SITE AS REQ'D IN A LEGAL MANNER.

EXISTING CONDITIONS CONFLICT WITH THE DESIGN INTENT SHOWN ON THESE DRAWINGS.

ETC. SHALL BE FIRE-RETARDANT TREATED PER 2018 IBC/2018 CT, SECTION 603.1.

17.3. AT OPENINGS AROUND ELEMENTS PENETRATING FIRE-RESISTIVE CONSTRUCTION.

19. ALL MATERIALS & EQUIPMENT ARE NEW UNLESS OTHERWISE NOTED AS "EXISTING".

23. PROVIDE TACTILE WARNING AT ALL DOORS LEADING TO HAZARDOUS AREAS.

FURNITURE TO BE FURNISHED & INSTALLED BY OWNER UNLESS SPECIFIED OTHERWISE IN THE PROJECT MANUAL & IS

5. REFER TO PLANS AND FLOOR/CEILING ASSEMBLIES FOR PARTITIONS REQUIRED TO HAVE FIRE-RESISTANT

- 1. DELEGATED DESIGN: CONTRACTOR IS RESPONSIBLE FOR ENGAGING THE SERVICES OF A QUALIFIED PROFESSIONAL ENGINEER TO DESIGN THE METAL-PLATE-CONNECTED WOOD TRUSSES & CONNECTIONS TO WALL FRAMING. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2018 CONNECTICUT AMENDMENTS TO THE 2015 INTERNATIONAL BUILDING CODE (IBC).
- . DESIGN ROOF TRUSSES FOR THE FOLLOWING LOAD:

DEAD LOAD - TOP CHORD 15 PSF

- DEAD LOAD BOTTOM CHORD 5 PSF
- 3. ROOF TRUSSES SHALL BE DESIGNED BY THE TRUSS FABRICATOR TO SUPPORT THE LOADS ABOVE WITH DEFLECTIONS NOT TO EXCEED L/360 UNDER COMBINED DEAD LOAD + LIVE LOAD NOR L/360 UNDER LIVE LOAD ALONE. TRUSS DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONNECTICUT.
- 4. TRUSS LUMBER SHALL BE ANY SOFTWOOD SPECIES OF SPECIFIED GRADE, CONFORMING TO STRENGTH AND MODULUS REQUIREMENTS OF PS 20 "AMERICAN SOFTWOOD LUMBER STANDARD." MOISTURE CONTENT: SEASONED, WITH 19% MAXIMUM MOISTURE CONTENT AT TIME OF INSTALLATION.
- GRADE FOR CHORD MEMBERS: NO. 2 MINIMUM
- GRADE FOR WEB MEMBERS: NO. 3 MINIMUM 5. TRUSS JOINT CONNECTIONS SHALL BE MADE USING LIGHT GAGE METAL PLATES WITH EXTENDED
- TEETH PRESSED INTO WOOD OVER BOTH SIDES OF THE JOINT TO TRANSFER LOAD. TRUSS BRACING: VERTICAL TRUSS BRACING SHALL CONSIST OF 1"X4" MEMBER SLOPING AT ABOUT 45

DEGREES, EXTENDING FROM THE TOP CHORD TO BOTTOM CHORD ELEVATION AND NAILED TO EACH

- TRUSS WEB MEMBER THAT IT PASSES. ANCHOR ENDS OF CONTINUOUS 1"X4" DIAGONAL BRACE TO FRAMING PERPENDICULAR TO TRUSSES. 7. STRUTS SHALL BE INSTALLED BETWEEN BOTTOM CHORDS AT THE SAME TRUSS PANELS AS THE VERTICAL SWAY BRACING, AND SHALL EXTEND CONTINUOUSLY FROM END WALL TO END WALL.
- 8. FABRICATOR SHALL SUBMIT SHOP DRAWINGS INDICATING ALL ELEMENT CONNECTIONS, SPLICES AND DETAILS, WITH CRITERIA SHOWN FOR CONNECTION DESIGN. FABRICATOR SHALL CERTIFY THAT CONNECTIONS ARE DESIGNED FOR TRUSS FORCES SHOWN ON THE SHOP DRAWINGS.
- 9. CUT ALL MEMBERS TO FIT AND BUTT TIGHT.
- 10. ROOF TRUSS SPACING SHALL NOT EXCEED 2'-O" CENTER TO CENTER.
- 11. FABRICATOR SHALL PROVIDE ALL STEEL CONNECTORS TO CONNECT TRUSSES TO THE SUPPORTING STRUCTURE ADEQUATE FOR ALL GRAVITY AND UPLIFT LOADS AS INDICATED ON THE SIGNED AND SEALED TRUSS SHOP DRAWINGS. FABRICATOR SHALL CERTIFY THAT CONNECTORS ARE DESIGNED FOR TRUSS FORCES SHOWN ON THE SHOP DRAWINGS. CONNECTORS SHALL BE BY SIMPSON STRONG-TIE OR ACCEPTED EQUAL



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Revised By: Revision: Description: - -

Notes, Abbreviations,

Legend & Bid Alternates

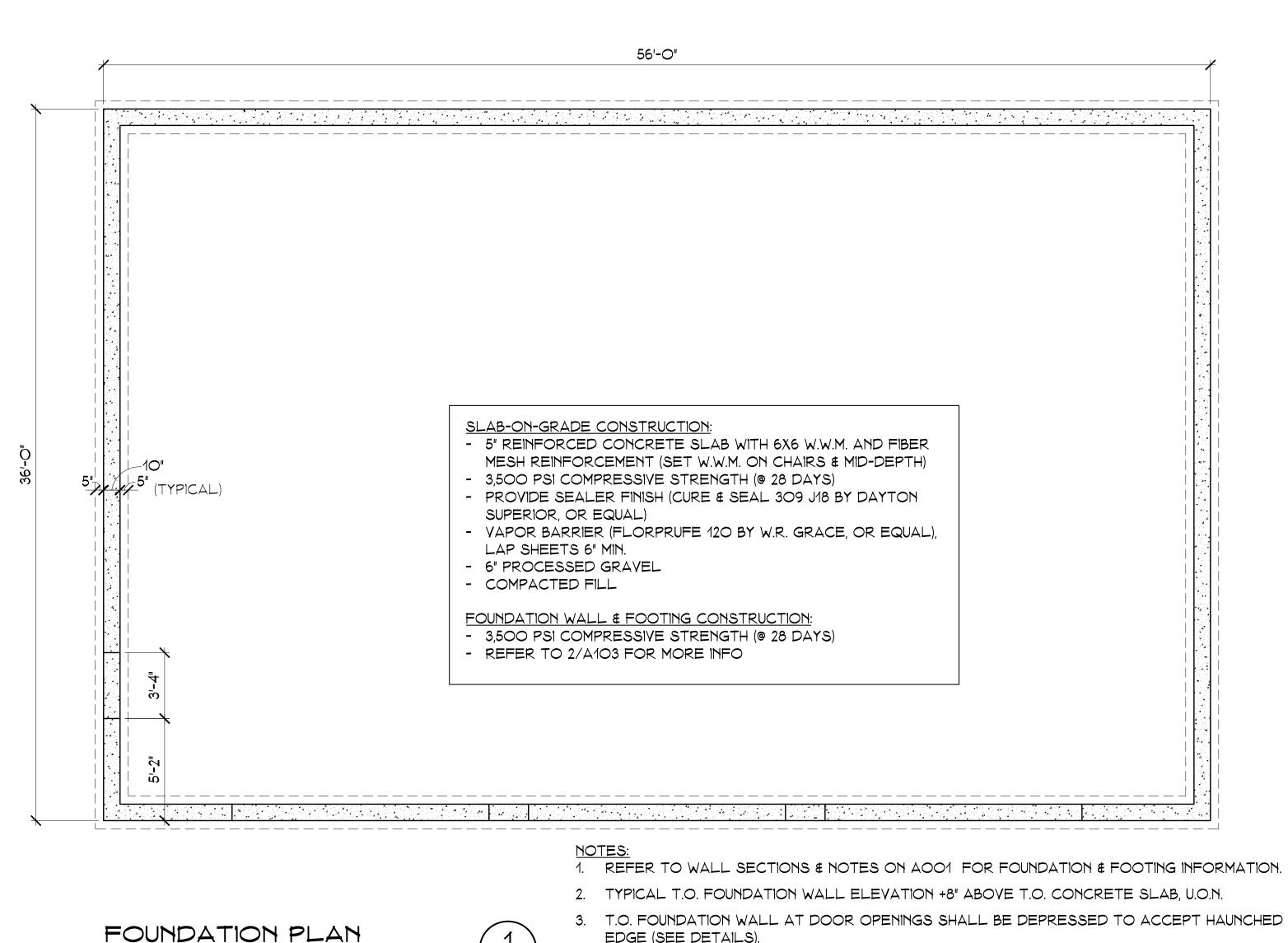
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Drawn By:
RH

Drawing Number: APRIL 24, 2019 Scale: AS NOTED A001

19.068

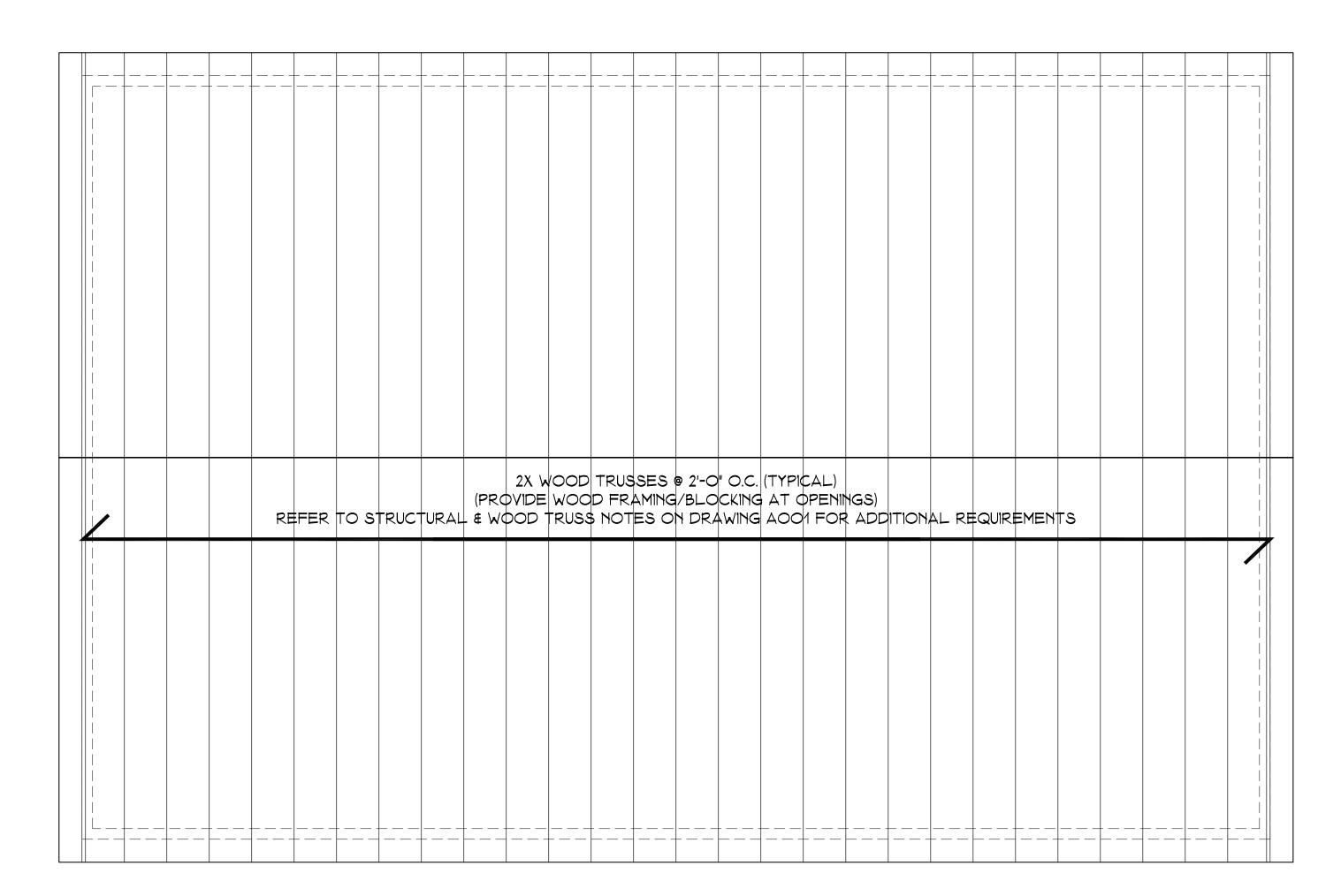
Town of North Stonington Emergency Services Garage 25 Rocky Hollow Road North Stonington, Connecticut 06359



3. T.O. FOUNDATION WALL AT DOOR OPENINGS SHALL BE DEPRESSED TO ACCEPT HAUNCHED SLAB EDGE (SEE DETAILS).

CUT BACK RAISED PORTION OF FOUNDATION WALL AT JAMBS OF EACH OH DOOR OPENINGS AS REQ'D TO ACCOMMODATE FRAMING & OH DOOR ASSEMBLY. COORDINATE WITH FRAMING & OH DOOR MANUFACTURER REQUIREMENTS. REFER TO DOOR DETAILS.

5. PROVIDE 1" CHAMFER AT EXPOSED EDGES OF FOUNDATION WALL AT INTERIOR LOCATIONS (TOP EDGE & OUTSIDE CORNERS).



3 A101

Town of North Stonington Emergency Services Garage

25 Rocky Hollow Road North Stonington, Connecticut 06359

ROOF FRAMING PLAN

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



SILVER / PETRUCELLI + ASSOCIATES Architects / Engineers / Interior Designers 3190 Whitney Avenue, Hamden, CT 06518-2340 One Post Hill Place, New London, CT 06320 Tel. 203 230 9007 Fax. 203 230 8247

silverpetrucelli.com

Floor, Roof & Foundation Plans

(1) LAYER OF 3'-O" ICE & WATER SHIELD MEMBRANE (REFER TO 2/A103 FOR MORE INFO)

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19.068

A103

ROOF PLAN Revised By:

STORAGE GARAGE CABINET WITH FIRE EXTINGUISHER LOCATED WITHIN BUILDING. COORDINATE MOUNTING LOCATION WITH BUILDING OFFICIAL/AHJ. & OH DOOR 12'-0" CLEAR 12'-O" CLEAR 12'-O" CLEAR 3'-0" EQUAL EQUAL FLOOR PLAN 2,024 GSF A101) SCALE: 1/4" = 1'-0" - DASHED LINE OF WALLS BELOW D.S.

4 A101

56'-O" (F.O. FOUNDATION TO F.O. FOUNDATION)

54'-4" FLOOR AREA

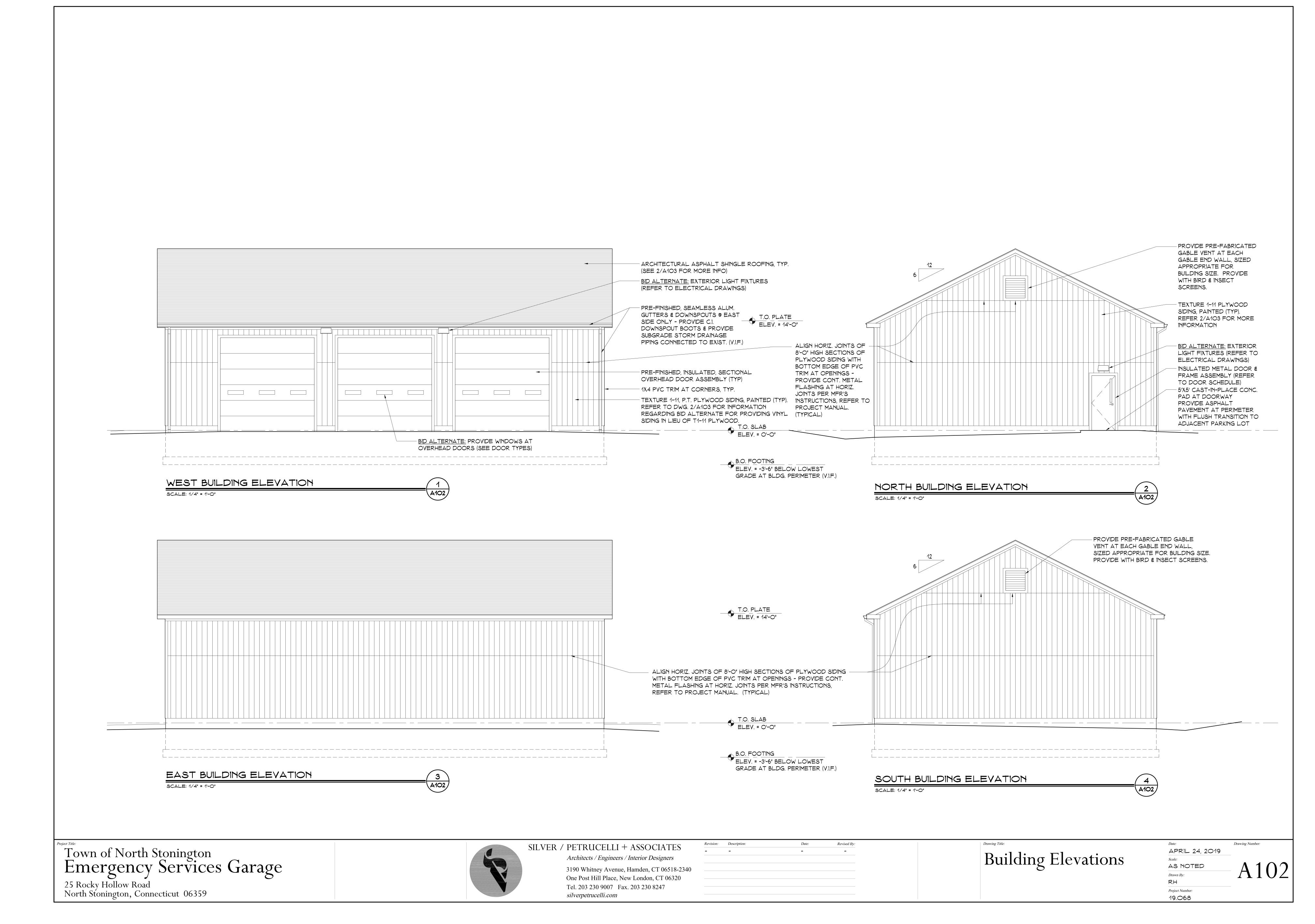
NOTE: PROVIDE ONE (1) FIRE EXTINGUISHER

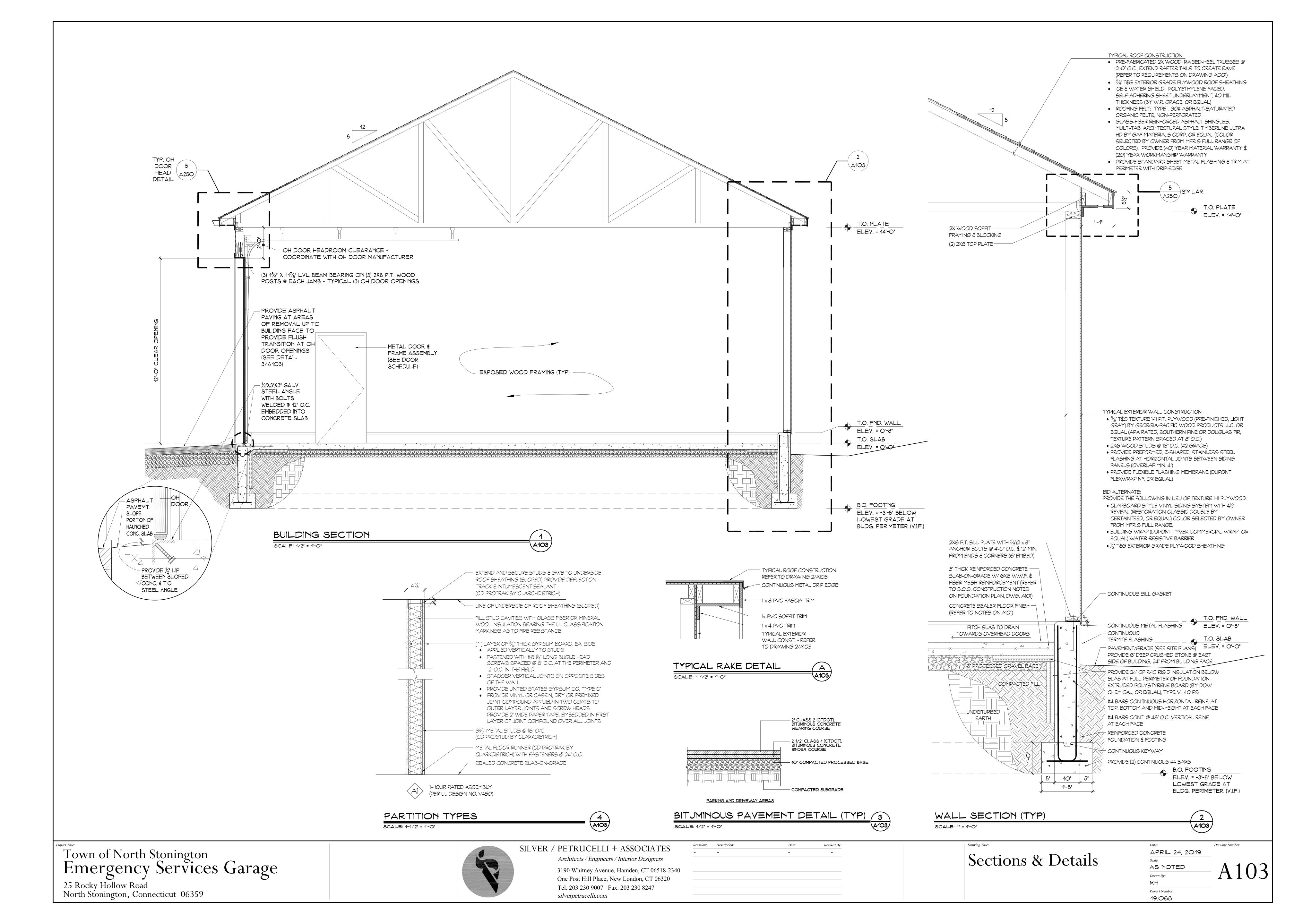
PROVIDE 1-HOUR RATED WALL

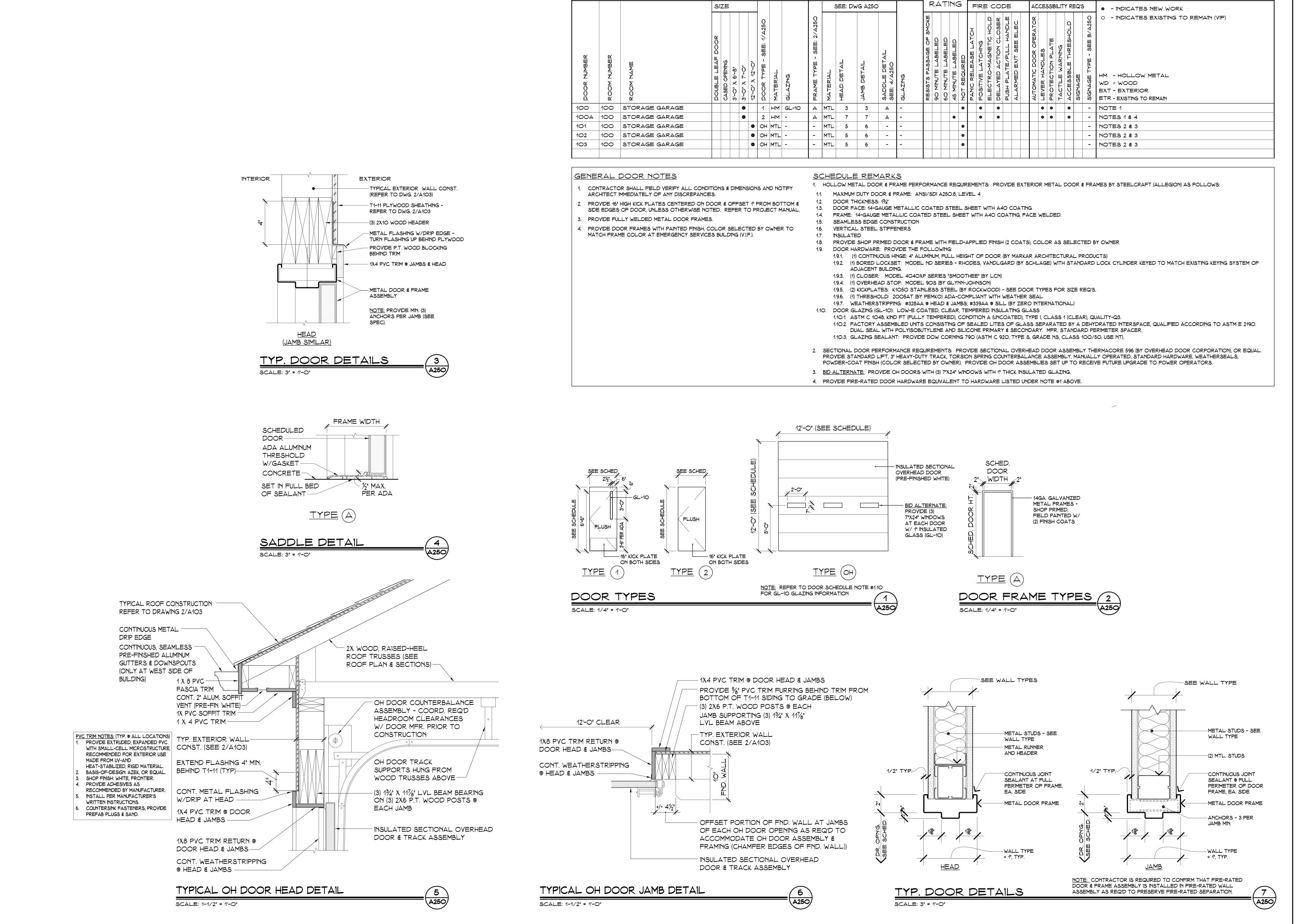
REFER TO DETAIL 4/A103 FOR

MORE INFORMATION.

SEPARATION ASSEMBLY EXTENDING FROM TOP OF CONCRETE SLAB TO UNDERSIDE OF ROOF SHEATHING ABOVE - COORDINATE LOCATION TO AVOID CONFLICT WITH TRUSSES.







Revision: Description:

Revised By:

DOOR SCHEDULE

DOOR

FRAME

FIRE

HARDWARE - SEE PROJECT MANUAL | REMARKS

Town of North Stonington
Emergency Services Garage

25 Rocky Hollow Road

North Stonington, Connecticut 06359



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Schedules & Details

Date:

APRIL 24, 2019

Scale:

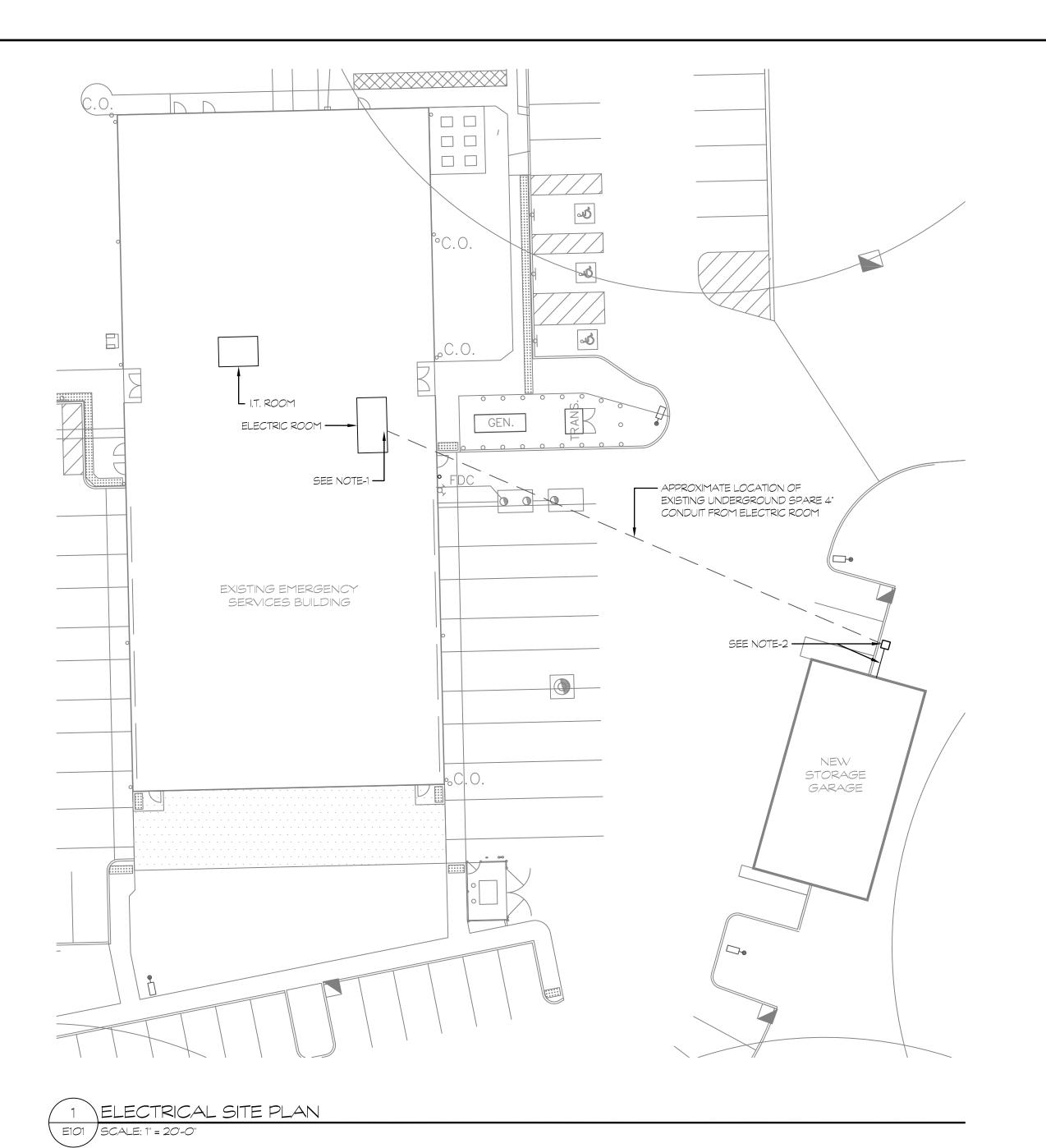
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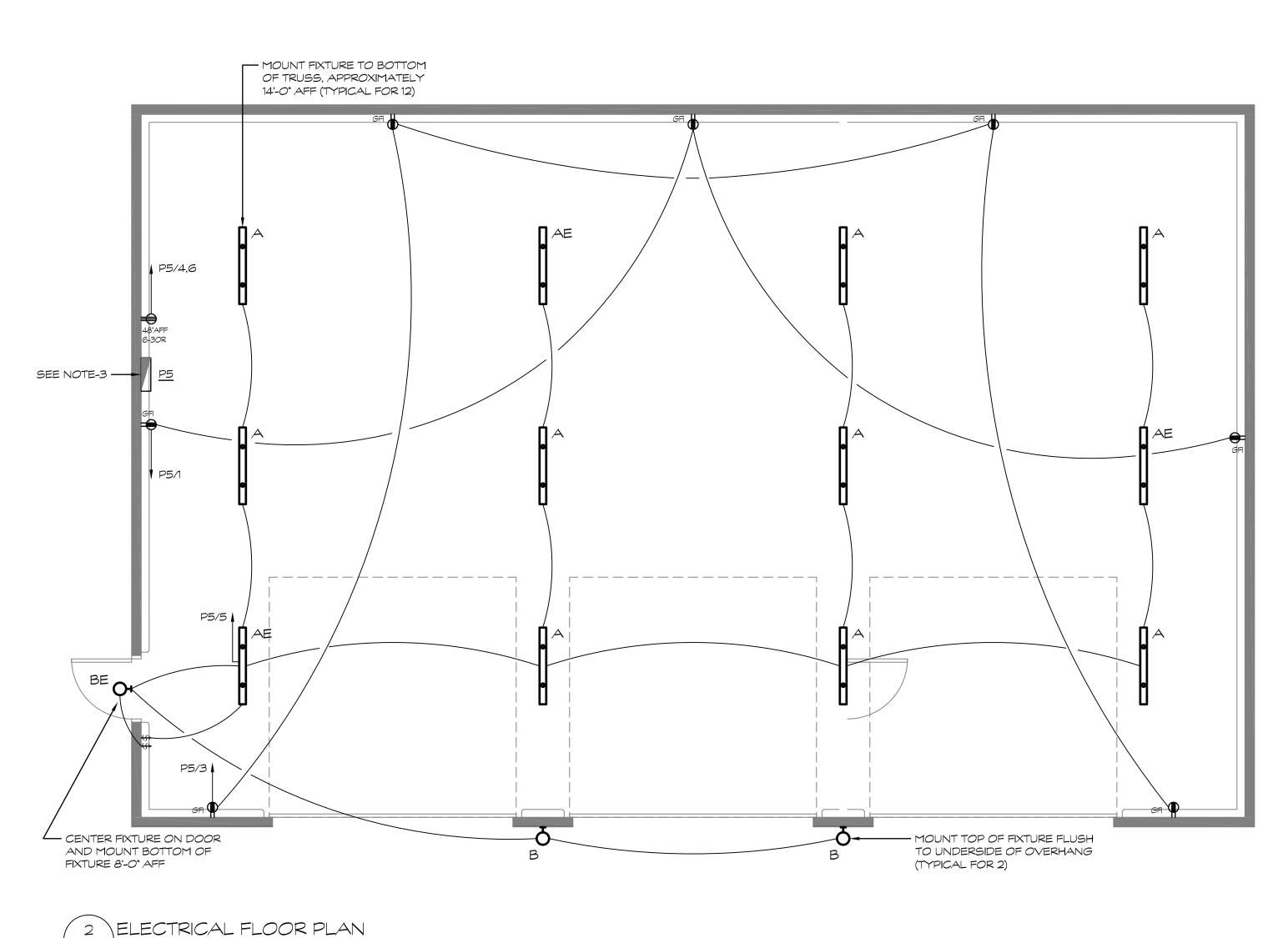
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RH

Project Number:

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ELECTRICAL LEGEND

(NOT ALL SYMBOLS ARE USED)

ELECTRICAL PANEL, 120/208 VOLT

PANELBOARD FLUSH MOUNTED

PANELBOARD FLUSH MOUNTED

PANELBOARD SURFACE MOUNTED

WALL MOUNTED JUNCTION BOX, ACCORDING TO NEC REQUIREMENTS

CEILING MOUNTED JUNCTION BOX, ACCORDING TO NEC REQUIREMENTS

TYPICAL PENDANT/SURFACE MOUNTED LED FIXTURE; LETTER INDICATES FIXTURE TYPE

TYPICAL PENDANT/SURFACE MOUNTED LED FIXTURE; LETTER INITIAL WALL MOUNTED FIXTURE; LETTER INDICATES FIXTURE TYPE

SINGLE POLE SWITCH; MOUNT AT 48" AFF

2-SPEED FAN CONTROL SWITCH (FURNISHED BY HVAC CONTRACTOR, INSTALLED & WIRED BY E.C.)

DUPLEX RECEPTACLE; MOUNT AT 18" AFF UNLESS OTHERWISE SPECIFIED

GROUND FAULT INTERRUPTING DUPLEX RECEPTACLE; MOUNTED AT 48" AFF UNLESS OTHERWISE SPECIFIED

QUAD RECEPTACLE; MOUNT AT 18" AFF UNLESS OTHERWISE SPECIFIED

SPECIAL OUTLET CONFIGURATION, SEE NEMA #

BRANCH CIRCUIT HOMERUN (VOLTAGE, BRANCH CIRCUIT POLES)

ABBREVIATIONS

A AMPERES

- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- CONDUIT
- C/B CIRCUIT BREAKER
- CKT CIRCUIT
- IA DIAMETER
- C ELECTRICAL CONTRACTOR
- EX EXISTING TO REMAIN
- REM EXISTING TO BE REMOVED

 JB JUNCTION BOX
- M/B MAIN BREAKER
- MLO MAIN LUG ONLY
- ITD MOUNTED
- OHD OVER HEAD DOOR
- PNL PANELBOARD
- RELOC RELOCATE/RELOCATED AT THE SAME HEIGHT (PER NEC REQUIREMENTS)
- U.O.N. UNLESS OTHERWISE NOTED
- WP WEATHERPROOF

DRAWING NOTES

- CONTRACTOR SHALL FURNISH AND INSTALL A NEW 100A-3P CIRCUIT BREAKER AND ALL NECESSARY MOUNTING HARDWARE IN EXISTING PANEL 'MDP' TO SERVE NEW STORAGE GARAGE. CONTRACTOR SHALL FURNISH AND INSTALL A FEEDER (4 #3 + #8G 1½"C.) FROM 'MDP' TO NEW PANEL 'P5' IN STORAGE GARAGE.
- 2. CONTRACTOR SHALL FURNISH AND INSTALL A NEW HAND-HOLE (MINIMUM 30"x30"x24")
 APPROXIMATELY IN THIS LOCATION, AND EXTEND THE EXISTING SPARE 4"
 UNDERGROUND CONDUIT (LEFT FROM THE BASE BUILDING PROJECT) UP INTO THE NEW
 HAND-HOLE. CONTRACTOR SHALL THEN INSTALL A NEW EMPTY 1½" CONDUIT FROM THE
 HAND-HOLE OVER TO THE STORAGE GARAGE TO WHERE THE ELECTRICAL PANEL IS TO
 BE INSTALLED AND TERMINATE IN BOTTOM OF PANEL 'P5'.
- 3. CONTRACTOR SHALL FURNISH AND INSTALL A NEW 100A-3Ø-4W-120/208V-30 POLE PANEL WITH 100 AMP MAIN BREAKER AND 22KAIC RATED BUS (BY EATON TO MATCH MAIN BUILDING). PANEL SHALL BE INSTALLED WITH (10) 20A-1P, (1) 30A-2P CIRCUIT BREAKERS AND (18) SPACES). CONTRACTOR SHALL MOUNT PANEL TO PLYWOOD BACKBOARD PAINTED BLACK. ALSO, CONTRACTOR SHALL INSTALL A DUPLEX RECEPTACLE (GFI) SIX INCHES BELOW PANEL AS PART OF BASE BID (P5/1). CONTRACTOR SHALL ALSO INSTALL AN INDEPENDENT SERVICE GROUND (MINIMUM #6 GROUND TO TWO (2) 10 FOOT GROUND RODS) AND AN INTERSYSTEM GROUNDING TERMINATION BLOCK ADJACENT TO THE PANEL PER NEC 250.94

BID ALTERNATES

REFER TO BID ALTERNATE NOTES ON DRAWING A001 FOR MORE INFORMATION

ALL LIGHT FIXTURES, SWITCHES, RECEPTACLES AND ASSOCIATED WIRING INDICATED SHALL BE PRICED SEPARATELY AS PART OF BID ALTERNATE.

LIGHT FIXTURE NOTES:

- 1. ALL ELECTRONIC DRIVERS SHALL HAVE A MAXIMUM TOTAL HARMONIC DISTORTION OF BETWEEN TEN & FIFTEEN PERCENT (10-15%).
- 2. COLOR OF ALL LAMPS SHALL BE 4000K UNLESS OTHERWISE NOTED.
- FURNISH ALL ADDITIONAL MATERIALS AND ACCESSORIES REQUIRED FOR COMPLETE INSTALLATION TO BE FULLY OPERATIONAL.
- 4.) FURNISH WITH EMERGENCY BATTERY FOR MINIMUM 90 MINUTE EMERGENCY LIGHTING OPERATION THAT MEETS CODE REQUIRED MINIMUM LIGHT LEVELS.

GENERAL NOTES / SPECIFICATIONS

WHEN A CONFLICT BETWEEN THE DRAWINGS, NOTES AND/OR SPECIFICATIONS OCCUR,

THE MORE STRINGENT, AND/OR LARGER QUANTITY AND/OR MORE EXPENSIVE SHALL APPLY. THE REQUIREMENTS LISTED WITHIN NOTES OR SPECIFICATIONS SHALL BE

REQUIRED, PROVIDED AND INSTALLED WHETHER SPECIFICALLY INDICATED ON THE

THE DRAWINGS SHOW THE GENERAL LAYOUT AND TYPICAL DETAILS. PROVIDE

ENSURE THAT ITEMS TO BE FURNISHED FIT THE SPACE AVAILABLE. MAKE NECESSARY

CONNECTIONS, AND PROVIDE SUCH SIZES AND SHAPES OF EQUIPMENT THAT FINAL INSTALLATION SHALL SATISFY THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.

LOCATIONS OF OUTLETS, SWITCHES, APPLIANCES, ETC. AS SHOWN ON ELECTRICAL

POSITION DOWN. INSTALL RECEPTACLES WITH GROUNDING POLE IN THE UP POSITION

PLANS ARE APPROXIMATE; COORDINATE WITH ARCHITECTURAL AND MECHANICAL PLANS AND DETAILS, AND WITH JOB CONDITIONS. INSTALL SWITCHES WITH "OFF"

FOR VERTICAL MOUNTING AND AT RIGHT FOR HORIZONTAL MOUNTING.

LOCATE AND INSTALL ELECTRICAL EQUIPMENT, JUNCTION AND PULL BOXES,

PANELBOARDS, SWITCHES, CONTROLS, AND OTHER APPARATUS REQUIRING

MAINTENANCE, INSPECTION, AND OPERATION SO AS TO BE READILY ACCESSIBLE.

IN ALL ARCHITECTURALLY FINISHED SPACES, CONDUITS AND CABLES SHALL BE RUN

CONCEALED IN HUNG OR FURRED CEILINGS, SLABS, MASONRY, AND PARTITIONS

REQUIRED IN EXISTING SLABS AND MASONRY WALLS. IN UNFINISHED SPACES,

DETERMINED BY THE CONTRACTOR TO SUIT PROJECT REQUIREMENTS AND FIELD

PROVIDE SEPARATE RACEWAYS, JUNCTION BOXES, PULL BOXES AND WIREWAYS FOR

DO NOT USE WIRE SMALLER THAN NO. 12 AWG FOR ANY POWER OR LIGHTING CIRCUIT.

USE LARGER SIZES WHERE INDICATED, AS REQUIRED BY CODES, AND AS FOLLOWS:

MINIMUM HOMERUN AND BRANCH CIRCUIT WIRING SIZES AND MAXIMUM HOMERUN

CONDUIT FILL FOR 120 VOLT, 20 AMPERE CIRCUITS SHALL BE AS FOLLOWS:

#10

NOTE: PROVIDE DERATING PER CODE WHEN INSTALLING MORE THAN 3 CURRENT

ALL WRING SHALL BE IN CONDUIT, AND ALL WIRE SHALL BE COPPER (TYPE THHN).

DO NOT USE WIRE SMALLER THAN NO. 14 AWG FOR CONTROL CIRCUITS UNLESS OTHERWISE RECOMMENDED BY THE EQUIPMENT OR SYSTEM MANUFACTURER ON

WHERE GREATER THAN THREE (3) CURRENT-CARRYING CONDUCTORS ARE INSTALLED IN ANY ONE CONDUIT OR CABLE. CONDUCTORS MUST BE DERATED AND SIZES

INCREASED, IF NEEDED, TO ACCOMMODATE CONDUCTOR DERATING AS REQUIRED BY

CONDUCTORS SHALL BE COMPLETELY INSTALLED AND CONNECTED. PROVIDE ALL

UNDER NO CIRCUMSTANCES SHALL ANY SWITCH OR CIRCUIT BREAKER BREAK A

PROPER CONNECTION OF CIRCUITS AT PANELS. HOWEVER, IT SHALL BE THE

LOADS ON PANEL BUSSES SHALL BE PHASE-BALANCED AS EVENLY AS

TERMINALS, LUGS, AND CONNECTORS TO SUIT THE APPLICATION, AND IN COMPLIANCE

THE CIRCUIT NUMBERS INDICATED ON THE DRAWINGS ARE INTENDED AS A GUIDE FOR

RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT THE FINAL CIRCUITING WORK

INSTALL AN INSULATED GROUND CONDUCTOR, RUN IN THE RACEWAY WITH THE PHASE

BOARDS, MOTOR CONTROL CENTERS, MOTORS, EQUIPMENT AND APPLIANCES UNLESS

INCLUDE AN INSULATED GROUND CONDUCTOR IN ALL BRANCH CIRCUIT RACEWAYS OR

CONDUCTORS, FOR EACH FEEDER SERVING: PANELBOARDS, LIGHTING DIMMER

INCLUDE AN INSULATED GROUND CONDUCTOR IN ALL CONDUIT RUNS CONTAINING

SECTIONS OF FLEXIBLE CONDUIT UNLESS OTHERWISE NOTED.

WIRING SHOP DRAWINGS, AND SO APPROVED BY THE ARCHITECT.

WITH EQUIPMENT MANUFACTURERS' RECOMMENDATIONS.

GREATER THAN 200' - REQUEST DIRECTION FROM ARCHITECT.

UNLESS OTHERWISE INDICATED, EXACT ROUTING OF RACEWAYS SHALL BE

UNLESS OTHERWISE INDICATED. SAW CUTTING AND FINISHED PATCHING SHALL BE

FIELD MEASUREMENTS TO ASCERTAIN SPACE REQUIREMENTS, INCLUDING THOSE FOR

COMPLETE SYSTEMS. DRAWINGS ARE BASED ON THE SPECIFIED EQUIPMENT.
RACEWAY LAYOUTS, BOXES, AND WIRING OF THE SYSTEMS ARE SUBJECT TO

DRAWINGS OR NOT.

APPROVED SHOP DRAWINGS.

RACEWAYS MAY BE RUN EXPOSED.

ALL EMERGENCY SYSTEM WIRING.

LENGTH

NEC ARTICLE 310.

NEUTRAL CONDUCTOR.

FROUNDING INSTALLATION

OTHERWISE NOTED.

EQUIPMENT GROUNDING

FULFILLS THE FOLLOWING CONDITIONS:

CABLES UNLESS OTHERWISE NOTED.

30 AMPERE CIRCUIT: NO. 10

40 AMPERE CIRCUIT: NO. 8

50 AMPERE CIRCUIT: NO. 6

60 AMPERE CIRCUIT: NO. 6

CARRYING CONDUCTORS IN CONDUIT.

VIRING & RACEWAY:

LIGHTING AND POWER PANELS

LIGHTING AND POWER PANELS SHALL BE WALL-MOUNTED, 208Y/120 VOLTS, 3 PHASE AS INDICATED WITH NEUTRAL AND GROUND BUSSES. ALL MAIN BUS BARS AND BRANCH CONNECTORS SHALL BE COPPER, SIZED IN ACCORDANCE WITH UL STANDARDS. PANELS SHALL UTILIZE BOLT-ON CIRCUIT BREAKERS ONLY AND SHALL BE FURNISHED DOOR-IN-DOOR COVER.

WIRING DEVICES:

WIRING DEVICES WILL BE "PREMIUM SPECIFICATION GRADE" MANUFACTURED BY LEVITON, HUBBELL, OR G.E.

RECEPTACLES SHALL BE NEMA 5-20R, TWO-POLE, THREE-WIRE GROUNDING TYPE, WITH MOLDED NYLON BODY AND FACE, PREMIUM SPECIFICATION GRADE, RATED 20 AMPS AT 125 VOLTS. RECEPTACLES SHALL COME WITH A 10 YEAR LIMITED WARRANTY FROM THE MANUFACTURER. ISOLATED GROUND RECEPTACLES SHALL HAVE INTEGRAL SURGE PROTECTION WITH AUDIBLE INDICATOR ALARM. GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLES SHALL BE 20 AMP, 125 VOLT DUPLEX, WITH FEED-THROUGH AND TRIP

MAINTAINED CONTACT SWITCHES SHALL BE 20A, RATED 125 VAC, "QUIET" TYPE, SINGLE POLE, THREE OR FOUR WAY.

DEVICE COLOR: WIRING DEVICE CATALOG NUMBERS IN SECTION TEXT DO NOT DESIGNATE DEVICE

- COLOR.

 1. WIRING DEVICES CONNECTED TO NORMAL POWER SYSTEM: WHITE, UNLESS OTHERWISE INDICATED OR REQUIRED BY NFPA 70 OR DEVICE LISTING.
- 2. WIRING DEVICES CONNECTED TO EMERGENCY POWER SYSTEM: RED.
- 3. TVSS DEVICES: BLUE.

INDICATOR. HUBBELL OR LEVITON.

4. ISOLATED-GROUND RECEPTACLES: ORANGE

COVERPLATES SHALL BE SATIN-FINISHED STAINLESS STEEL OR AS SELECTED BY ARCHITECT.

RECEPTACLES: IDENTIFY PANELBOARD AND CIRCUIT NUMBER FROM WHICH SERVED. USE PRESS ON LABEL, BLACK LETTERING ON WHITE BACKGROUND ON FACE OF PLATE AND IN EASILY READABLE LOCATION INSIDE DEVICE BACKBOX, AND DURABLE WIRE MARKERS OR TAGS ON CONDUCTORS INSIDE OUTLET BOXES.

OUTLET BOXES:

PROVIDE GALVANIZED PRESSED STEEL OUTLET BOXES OF PROPER SIZE AND TYPE AS REQUIRED BY THE BUILDING CONDITIONS TO SERVE ALL INTERIOR OUTLETS FOR MOTOR CIRCUITS, LIGHTING, SWITCHES, RECEPTACLES, SIGNALS, AND THE LIKE.

ECHANICAL EQUIPMENT WIRING:

- UNLESS OTHERWISE INDICATED OR SPECIFIED HEREIN, ALL MOTORS, MOTOR STARTERS, MOTOR CONTROLLERS, VARIABLE SPEED/FREQUENCY DRIVES, AND ASSOCIATED CONTROL DEVICES ARE FURNISHED UNDER OTHER DIVISIONS AND INSTALLED UNDER THIS DIVISION. COORDINATE INSTALLATION AND LOCATIONS WITH OTHER DIVISION CONTRACTORS.
- 2. POWER WIRING FROM THE INDICATED SOURCE TO THE STARTER/CONTROLLER/DRIVE UNIT, AND FROM THE STARTER/CONTROLLER/DRIVE UNIT TO THE MOTOR, INCLUDING ANY LOCAL DISCONNECT SWITCHES PROVIDED AND INSTALLED BY THIS DIVISION, AND ALL ASSOCIATED LUGS, TERMINALS, AND CONNECTIONS, IS THE WORK OF THIS DIVISION.
- 3. CONTROL CIRCUIT WIRING IS GENERALLY FURNISHED AND INSTALLED UNDER OTHER DIVISIONS, EXCEPT THAT ANY SUCH WIRING SHOWN ON ELECTRICAL DRAWINGS IS WORK OF THIS DIVISION.
- 4. PROVIDE 120 VOLT POWER TO ALL TEMPERATURE CONTROL PANELS (TCP'S) SUPPLIED AND INSTALLED BY DIVISION 23. USE EMERGENCY POWER SOURCES WHEN AVAILABLE. COORDINATE ALL POWER REQUIREMENTS AND PANEL LOCATIONS WITH DIVISION 23 TEMPERATURE CONTROLS CONTRACTOR.
- 5. COOPERATE AND COORDINATE WITH THE OTHER TRADES IN THE INSTALLATION, CONNECTION, AND TESTING OF MECHANICAL EQUIPMENT. PERFORM WORK OF THIS SECTION IN ACCORDANCE WITH EQUIPMENT MANUFACTURERS' INSTRUCTIONS.

AS BUILT DRAWINGS

- 1. PROVIDE A COMPLETE SET OF AS-BUILT DRAWINGS REFLECTING AS INSTALLED CONDITIONS. AS-BUILT DRAWINGS SHALL INDICATE ALL INSTALLED CONDITIONS OF SYSTEMS WITHIN THIS DISCIPLINE. DRAWINGS SHALL BE OF SIMILAR SCALE AS THE CONSTRUCTION DOCUMENTS AND INCLUDE DETAILS AS NECESSARY TO CLEARLY REFLECT THE INSTALLED CONDITION. DRAWINGS SHALL BE BOUND IN A COMPLETE AND CONSECUTIVE SET. SUPPLEMENTAL SKETCHES AND LOOSE PAPERWORK WILL NOT BE ACCEPTABLE AND WILL BE RETURNED FOR REVISION. THE CONTRACTOR SHALL COMPLY WITH THE ENGINEERS COMMENTS TO PRODUCE A CLEAR AND CONCISE SET OF DRAWINGS. DRAWINGS SHALL BE SUBMITTED IN BOTH HARD COPY AND ELECTRONIC (AUTO-CAD VERSION AS REQUIRED BY THE OWNER) VERSION. NUMBER OF COPIES OF EACH AS REQUESTED BY THE OWNER.
- PROVIDE "AS-BUILT DRAWINGS" INDICATING IN A NEAT AND ACCURATE MANNER A COMPLETE RECORD OF ALL REVISIONS OF THE ORIGINAL DESIGN OF THE WORK. INDICATE THE FOLLOWING INSTALLED CONDITIONS:
- A. INCLUDE ALL CHANGES AND AN ACCURATE RECORD, ON REPRODUCTIONS OF THE CONTRACT DRAWINGS OR APPROPRIATE SHOP
- B. DRAWINGS, OF ALL DEVIATIONS, BETWEEN THE WORK SHOWN AND WORK INSTALLED.
- C. EQUIPMENT LOCATIONS (EXPOSED AND CONCEALED), DIMENSIONED FROM PROMINENT BUILDING LINES
- D. APPROVED SUBSTITUTIONS, CONTRACT MODIFICATIONS, AND ACTUAL EQUIPMENT AND MATERIALS INSTALLED.
- E. CONTRACT MODIFICATIONS, ACTUAL EQUIPMENT AND MATERIALS INSTALLED.
- F. SUBMIT FOR REVIEW BOUND SETS OF THE REQUIRED DRAWINGS, MANUALS AND
- OPERATING INSTRUCTIONS.
- G. SUBMIT A COMPLETE MAINTENANCE MANUAL OF ALL EQUIPMENT INSTALLED UNDER THIS CONTRACT.

LIGHTING FIXTURE SCHEDULE									
DESIGNATION	DESCRIPTION	MANUFACTURER/	LAMP			ELECTRICAL			NOTES
		MODEL NUMBER	TYPE	COLOR TEMP	NO	DRIVER	VOLTAGE	WATTS	NOTES
А	SURFACE/PENDANT MTD LOW-PROFILE GASKETED INDUSTRIAL LED LIGHT FIXTURE W/LOW PROFILE FROSTED ACRYLIC LENS & WHITE FINISH (6,000 LUMEN PACKAGE)	LITHONIA LIGHTING FEM-L48-6000LM-LPAFL-MD-120-GZ10-40K-80CRI	LED	4000K		ELECTRONIC	120	45	
Æ	SAME AS TYPE 'A' EXCEPT WITH EMERGENCY BATTERY	LITHONIA LIGHTING FEM-L48-6000LM-LPAFL-MD-120-GZ10-40K-80CRI-E15WCP	LED	4000K		ELECTRONIC	120	45	4
В	SURFACE MTD FULL CUTOFF LED WALL SCONCE LIGHT FIXTURE WITH FROSTED ACRYLIC LENS AND WHITE FINISH (1,500 LUMEN PACKAGE)	LITHONIA LIGHTING WST LED PI 40K VF 120 PE DWHXD	LED	4000K		ELECTRONIC	120	11	
BE	SAME AS TYPE 'B' EXCEPT WITH EMERGENCY BATTERY	LITHONIA LIGHTING WST LED PI 40K VF 120 PE DWHXD E7WC	LED	4000K		ELECTRONIC	120	11	4

Town of North Stonington
Emergency Services Garage
25 Rocky Hollow Road

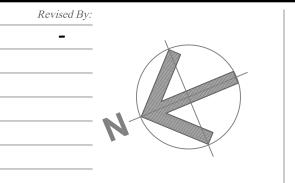
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Electrical Plans, Notes, Schedule & Specs Date:

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