

3052 Dubois Road Ithaca, NY 14850 607.272.2036 Info@mooresmarineinc.com

March 12, 2024

Town of Ulysses Board Town of Ulysses Planning Board

The project involves replacing the existing roof of the building located within Development District 8. Additionally, an open 24x40 lean-to cover will be added to the south side of the building. The primary purpose of this addition is to enhance working conditions for employees and to facilitate uninterrupted workflow during inclement weather conditions.

Scope of Work:

Roof Replacement-

- Removal of the existing roof materials.
- Inspection of the underlying structure for any damages or deficiencies.
- Installation of new roofing materials meeting local building code requirements.
- Ensuring proper drainage and waterproofing measures are in place.

Lean-To Addition-

- Design and construction of a 24x40 open lean-to structure on the south side of the building.
- Compliance with all relevant building codes and regulations.
- Integration of the lean-to with the existing structure seamlessly.
- Ensuring proper anchoring and structural stability.

The successful completion of the roof replacement and lean-to addition project will not only improve working conditions for employees but also enhance the overall functionality and productivity of the building. By obtaining the necessary building permits and adhering to regulatory requirements, we aim to execute the project efficiently and to the highest standards of quality and safety.



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SPECIFIC DESCRIPTION OF THE ALTERATION.	CHECKED BY:				REVISIONS	

SUPERSTONIN	294 Skuse Road Geneva, New York 14456 (585) 721–7219 MOO 3052 Ithat Tow
THE THE DESIGN REQUIREMENTS OF SECTION 2308.6 BUILDING CODE OF NEW YORK STATE.	DRAFTSTOPPING DRAFTSTOPPING IS NOT REQUIRED FOR THIS ADDITION SINCE THE AREA IS 3,000 SF. FIRE BLOCKING FIRE BLOCKING IS NOT REQUIRED FOR THIS ADDITION SINCE THE WALL HEIGHT IS LES
(BUILDING WILL NOT HAVE ANY CORRIDORS) OT REQUIRED SINCE THIS IS AN OPEN LEAN-TO G BUILDING	 PROVIDE A 22" X 30" MINIMUM ACCESS TO ATTIC AREAS IN EXCESS OF 30SF AND HEIGHT OF 30 INCHES OR MORE A 30" MINIMUM UNOBSTRUCTED HEADROOM IN THE ATTIC SPACE SHALL BE PROVID POINT ABOVE THE ACCESS OPENING ATTIC ACCESS MUST BE PROVIDED FOR EACH FIRE AREA AND EACH SECTION CREA REQUIRED DRAFT STOPPING.
EAR = 32" A MINIMUM CLEAR OPENING OF 32"; S OF 3/4" AND SHALL HAVE BEVELED EDGES; PLIANT LEVER HANDLES ON THE BOTH SIDES OF DOOR.	 ROOF TRUSSES SHALL BE DESIGNED FOR A MAXIMUM LIVE LOAD DEFLECTION OF L IT IS THE RESPONSIBILITY OF THE TRUSS DESIGNER/MANUFACTURER TO DETERMINE FOR ANY POINT LOADS DUE TO RIDGE AND VALLEY FRAMING (IF APPLICABLE). THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER AND TIMELY INSTALLATION TEMPORARY AND PERMANENT TRUSS BRACING. BRACING SHALL BE IN ACCORDANC MANUFACTURER'S RECOMMENDATIONS AND TPI PUBLICATION BWT-76. TRUSSES SHALL BE ANCHORED SECURELY AT ALL BEARING POINTS WITH METAL DE APPROVED BY THE TRUSS MANUFACTURER.
7.2 – BUILDING WITHOUT AUTOMATIC SPRINKLER SYSTEMS) CCESSIBLE MEANS OF ENTRANCE\EGRESS. D WITH MINIMUM OF ONE EXIT DOOR SINCE OCCUPANCY IS LESS T DOORS ARE SHOWN ON THE PLAN VIEW. THE DIRECTION OF TRAVEL AND SHALL BE EQUIPPED WITH ADA MERGENCY LIGHT WITH BATTERY BACKUP SHALL BE INSTALLED OVER	 WOOD TRUSS NOTES: 1. TRUSSES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2020 OF NEW YORK STATE. 2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO ORDERING TRUSSES. 3. WOOD TRUSSES SHALL BE DESIGNED/MANUFACTURED BY A RECOGNIZED WOOD TRUNORMALLY ENGAGED IN THIS TYPE OF WORK. 4. TRUSS SUPPLIER SHALL SUBMIT SHOP DRAWINGS DESIGN DRAWINGS STAMPED BY A LICENSED IN THE STATE OF NEW YORK SHOWING TRUSS CONFIGURATIONS, MEMBER CONNECTIONS, LUMBER GRADES/SPECIES, MEMBER FORCES, DEFLECTIONS, ETC. 5. TRUSS CERTIFICATES SHALL BE SUPPLIED TO THE CODE ENFORCEMENT DEPARTMEN AND ENGINEER.
ROOM AND ENCLOSED SPACE FINISHES TO MEET LEVEL C VEL B FOR EXIT STAIRWAYS AND CORIRIDORS SMOKE-DEVELOPED INDEX 0-450 /SMOKE-DEVELOPED INDEX 0-450 0/SMOKE-DEVELOPED INDEX 0-450 INER PANELS ON WALLS AND METAL LINER PANELS OR TRI-PLY BOTH THE LEVEL B AND C REQUIREMENTS	 FASTENERS FOR TREATED LUMBER: 1. ALL FASTENERS SHALL BE APPROVED FOR USE WITH ACQ TREATED LUMBER. 2. ALL FASTENERS SHALL BE EITHER STAINLESS STEEL OR HOT DIPPED GALVANIZED S' 3. ALL FASTENERS USED BELOW GRADE TO WITHIN 6 INCHES OF THE FINISHED GROUN SHALL BE STAINLESS. ALL FASTENERS USED ABOVE 6 INCHES FROM THE FINISHED ELEVATION CAN BE EITHER STAINLESS STEEL OR HOT DIPPED GALVANIZED. 4. STAINLESS STEEL FASTENERS SHALL BE EITHER TYPE 304 OR TYPE 316 STAINLESS 5. HOT DIPPED GALVANIZED FASTENERS AND CONNECTORS SHALL MEET ASTM A653, C SHEET WITH 1.85 OUNCES OF ZINC COATING PER SQUARE FOOT MINIMUM. 6. FASTENERS AND CONNECTORS USED TOGETHER SHALL BE OF THE SAME TYPE (I.E. DIPPED NAILS SHALL BE USED WITH HOT DIPPED JOIST HANGERS, STAINLESS STEE NUTS\WASHERS SHALL BE USED WITH STAINLESS STEEL BOLTS). 7. STANDARD CARBON STEEL AND ALUMINUM PRODUCTS SHALL NOT BE INSTALLED IN CONTACT WITH PRESSURE TREATED LUMBER.
04.1.2 OF THE 2020 BUILDING CODE OF NEW YORK STATE = 2 OCCUPANTS TOTAL $= 2 OCCUPANTS$ IS NOT PROPOSED FOR THIS PROJECT. PER SECTION 903.2.9 E NOT REQUIRED SINCE THAN 12,000 SF, THAN 3 STORIES, UP S-1 FIRE AREAS IS LESS THAN 24,000 SF, ' IS NOT USED FOR THE STORAGE OF COMMERCIAL MOTOR ' IS NOT USED FOR STORAGE OF UPHOLSTERED FURNITURE AS A REPAIR GARAGE, AND FOR THE BULK STORAGE OF TIRES. MS NOT PER FOR THIS PROJECT. PER SECTION 907.2 ARM IS NOT REQUIRED SINCE S ONLY A SINGLE STORY, S THAN 500, AND FOR UPH DIE STORAGE	 MODULUS OF ELASTICITY OF 1,700,000 PSI. COMPOSITE WOOD BEAMS (CONSTRUCTED OF 3 OR MORE MEMBERS) AND REPETITIVE (JOISTS, RAFTERS SHALL HAVE AN ALLOWABLE BENDING STRESS OF Fb x1.15 PSI A MODULUS OF ELASTICITY OF 1,500,000 PSI. ALL STRUCTURAL PANELS (PLYWOOD, WAFER-BOARD, COMPOSITE, PARTICLE BOARD, C BEAR THE BASIC GRADE TRADEMARKS OF THE AMERICAN PLYWOOD ASSOCIATION. INSTALL TIE-DOWNS (SIMPSON #H10A OR EQUAL) AT EACH TRUSS OR RAFTER BEARI TREATED LUMBER: ALL LUMBER SHALL BE STORED OFF GROUND AND UNDER COVER ALL LUMBER SHALL BE FREE OF VISIBLE DEFECTS INCLUDING BUT NOT LIMITED TO CRACKS, CHECKS, SEVER TWISTS & BOWS, ETC. ALL LUMBER IN CONTACT WITH GROUND OR CONCRETE SHALL BE SOUTHERN PINE, 2 OR BETTER, PRESSURE TREATED WITH ALKALINE COPPER QUATERNARY (ACQ). THE PRESERVATIVE TREATMENT SHALL BE FREE OF BOTH ARSENIC AND CHROMIUM. ALL MATERIALS SHALL MEET THE MINIMUM STANDARDS SET BY THE AMERICA WOOD ASSOCIATION (AWPA). THE FOLLOWING MINIMUM RETENTION RATES FOR THE PRESERVATIVE SHALL BE MET: A. MATERIALS INSTALLED ABOVE GROUND (BEAMS, JOISTS, HANDRAILS, ETC)- 0.: B. MATERIALS IN CONTACT WITH THE GROUND (POSTS) - 0.4 PCF C. 5/4" DECKING - 0.15 PCF PLUS WATER REPELLENT END CUTS SHALL BE TREATED WITH FIELD APPLIED PRESERVATIVE IN ACCORDANCE MANUFACTURER'S RECOMMENDATIONS.
S06.2 (BASED ON S-T OCCOPANCY) D6.2 - 9,000 SF X100' (EXISTING BUILDING) 5,000 SF X40' (OPEN ADDITION) 960 SF AL BUILDING AREA 5,960 SF TAL BUILDING AREA IS LESS THAN ALLOWABLE AREA) SED	 CONDATION CONSULT ENGINEER WHEN ENCOUNTERING UNUSUAL, SUSPECT OR UNSTABLE SOIL FOUNDATIONS DESIGN BASED ON A MINIMUM SOIL BEARING CAPACITY OF 2000 PSF ALL GRADES TO SLOPE AWAY FROM FOUNDATION A MINIMUM OF 6" DROP WITHIN TEET USE CONCRETE SPLASH BLOCK OR DRAIN PIPE AT EACH DOWNSPOUT TO DIR RUN-OFF AWAY FROM FOUNDATION. PROVIDE TERMITE PROTECTION AS REQUIRED AND REMOVE ALL WOOD CONSTRUCTIO FROM THE EXCAVATION NEAR THE STRUCTURE. MISCELLANEOUS STRUCTURAL SOLID WOOD BEAMS SHALL HAVE AN ALLOWABLE BENDING STRESS OF 1,500 PSI ANI
ES 504.3 AND 504.4 (BASED ON S-1 OCCUPANCY): ET, 1 STORIES 7, APPROXIMATELY 22' ROPOSED 506.2 (BASED ON S-1 OCCUPANCY)	 PLACE CONCRETE SLABS ON 6 MINIMOM OF 95% COMPACTED CROSHED STONE OR GRAVEL. ALL INTERIOR FINISHED AND HEATED SPACES SHALL BE PLACED ON 10 MIL POLYETHYLENE VAPOR B/ MINIMUM OF 6" LAPPED JOINTS. PROVIDE 1/2" EXPANSION JOINT MATERIAL BETWEEN ALL CONCRETE SLABS AND ABUTTING CONCR WALLS OCCURRING IN EXTERIOR OR UNHEATED SPACES OR AREAS. CONCRETE FOR ALL SIDEWALKS, STEPS, FLOOR SLABS AND DRIVEWAYS SHALL BE AIR-ENTRAINED. REINFORCING STEEL BARS: ASTM A-615 GRADE 60
DRAGE S-1 MODERATE HAZARD STORAGE V (B) SEPARATION REQUIREMENT SINCE THIS IS A SINGLE OCCUPANCY	 ORDINANCES. WHERE CONFLICTING REQUIREMENTS OCCUR, THE MORE STRINGENT ALL CONCRETE DESIGN IS BASED ON ACI 318 LATEST SPECIFICATIONS MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE: 3000 PSI – FOOTINGS. 4000 PSI – FOUNDATION WALLS 3500 PSI – SIDEWALKS AND STEPS 4000 PSI – FLOORS, TRUCK BAYS AND DRIVEWAYS PLACE CONCRETE SLARS ON 6" MINIMUM OF 95% COMPACTED CRUSHED STONE OR CRAVEL ALL
MEET THE MINIMUM REQUIREMENTS OF THE 2020 BUILDING CODE	1. ALL CONCRETE WORK SHALL CONFORM TO ACI 301, LATEST EDITION, "SPECIFICATIC STRUCTURAL CONCRETE FOR BUILDINGS" AND SHALL COMPLY WITH ALL LOCAL LAW

NS FOR	PLUMBING RESTROOMS ARE NOT PROPOSED FOR THIS ADDITION.
SHALL APPLY. SLABS UNDER ARRIER WITH A	 ALL PLUMBING SHALL MEET THE REQUIREMENTS OF THE 2020 PLUMBING CODE OF NEW YORK STATE. PROTECTIVE SHIELD PLATES (MINIMUM THICKNESS OF 0.062 INCHES) SHALL BE INSTALLED WHEN PIPING IS INSTALLED THROUGH HOLES\NOTCHES IN STUDS\RAFTERS\JOIST\ETC. AND IS LESS THAN 1.5 INCHES FROM THE NEAREST EDGE OF THE MEMBER. CONNECTION OF STORM DRAINS TO THE SANITARY SEWER SYSTEM IS NOT PERMITTED. GUTTERS AND DOWNSPOUTS SHALL BE INSTALLED TO PROVIDE POSITIVE DRAINAGE OF STORMWATER RUNOFF FROM ROOF.
RETE OR MASONRY	HEATING, COOLING AND VENTILATION SYSTEMS BUILDING WILL NOT BE CONDITIONED SPACE.
CONDITIONS. THE FIRST 10 RECT IN MATERIALS D A MEMBERS ND A DSB) SHALL ING POINT SPLINTERING, GRADE NO. PRESERVERS 25–0.40 PCF	 <u>VENTILATION</u> <u>WECHANICAL VENTILATION IS NOT REQUIRED FOR THIS ADDITION SINCE IT IS NOT ENCLOSED SPACE</u> <u>ELECTRICAL</u> 1. ALL ELECTRICAL WORK AND MATERIALS SHALL MEET THE MINIMUM REQUIREMENTS OF THE NATIONAL ELECTRIC CODE AND SHALL BE IN ACCORDANCE WITH APPLICABLE NFPA STANDARDS AND ALL LOCAL, STATE AND UTILITY COMPANY LAWS, RULES AND ORDINANCES. 2. PROTECTIVE SHIELD PLATES (MINIMUM THICKNESS OF 0.062 INCHES) SHALL BE INSTALLED WHEN WIRING IS INSTALLED THROUGH HOLES\NOTCHES IN STUDS\RAFTERS\JOIST\ETC. AND IS LESS THAN 1.5 INSTALLED THROUGH HOLES\NOTCHES OF THE MEMBER. 3. THE LOCATION OF ELECTRICAL SERVICE SHALL BE COORDINATED WITH THE LOCAL ELECTRIC UTILITY. 4. ALL WORK SHALL BE INSPECTED BY AN INDEPENDENT THIRD PARTY ELECTRICAL INSPECTION AGENCY. <u>LIGHTS</u> 1. ALL OF THE PERMANENTLY INSTALLED LIGHT FIXTURES SHALL BE HIGH-EFFFICACY (I.E. LED) 2. ALL LIGHTS SHALL BE CONTROLLED BY OCCUPANCY SENSOR SWITCHES <u>RECESSED LIGHTING</u> NO RECESSED <u>SKYLIGHTS</u> ARE PROPOSED <u>SKYLIGHTS</u> NOT REQUIRED FOR THE STORAGE AREA PER EXCEPTION 2 OF SECTION C402.4.2 SINCE DESIGNED GENERAL LIGHTING POWER DENSITIES ARE LESS THAN 0.5 WATTS/SF <u>VESTIBULES</u> <u>VESTIBULES</u> ARE NOT REQUIRED FOR THIS PROJECT <u>ROOF SOLAR REFLECTANCE AND THERMAL EMITTANCE</u> A WHITE ROOF IS NOT REQUIRED ON ROOF BECAUSE THE PROJECT IS IN CLIMATE ZONE 5.
TEEL. ND ELEVATION GRADE STEEL. LASS G185 - HOT L DIRECT DIRECT DIRECT DIRECT DIRECT SUPPLIER AN ENGINEER SIZES, NT, OWNER /360. AND DESIGN OF ALL CE WITH THE TRUSS SVICES	 TRUSS PLAQUES\SIGNS: TRUSS PLAQUES\SIGNS SHALL BE INSTALLED ON THE OUTSIDE OF THE ADDITION AT ALL EXTERIOR DOOR LOCATIONS TRUSS PLAQUES\SIGNS SHALL MEET THE REQUIREMENTS OF NYCRR TITLE 19, CHAPTER XXXIII – STATE FIRE PREVENTION oF BUILDING CODE COUNCIL, SUBCHAPTER C- OTHER REGULATIONS, PART 1264-IDENTIFICATION OF BUILDINGS UTILIZING TRUSS TYPE CONSTRUCTION. TRUSS IDENTIFICATION OF BUILDINGS UTILIZING TRUSS TYPE CONSTRUCTION OF CONSTRUCTION OF BUILDING TO THE DESIGNATION OF CONSTRUCTION TO BUILDING CODE DETAIL TRUSS IDENTIFICATION OF GUILDINGS UTILIZING TRUSS THE CONSTRUCTION OF CONSTRUCTION TO THE SUBCLINE CONSTRUCTION OF CONSTRUCTION TO CONSTRUCTION THE SUBCLINE CONSTRUCTION OF CONSTRUCTION OF CONSTRUCTION OF CONSTRUCTION TO CONSTRUCTION TO CONSTRUCTION OF CONSTRUCTION (R - ROOF FRAMING) 9" x 9" ALUMINUM. OR GALV. STEEL 9" x 9" ALUMINUM. OR GALV. STEEL
S THAN 10'.	
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n of Ulysse	s, Tompkins Co. Scale: AS NOTED Date: 02/24 DWG. A-1.0

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IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER	PROJ. ENGR.: <u>JTM</u>			
THAN WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS	PROJ. MNGR.: <u>JTM</u>	0	02/28/24	FOR APPROVAL
SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A	· · ·	NO.	DATE	DESCRIPTION
SPECIFIC DESCRIPTION OF THE ALTERATION.	CHECKED BY:			REVISIONS

WARNING

	EXISTING STORA	GE/WAREHOUSE			
OPEN LEAN	I-TO AREA				
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70'-0"

100'-0"

Scale: 1/4" = 1'-0" Date: 02/24 DWG. A-2.0







WARNING	drawn by: <u>JTM</u>			
IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE				
NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS	PROJ. ENGR.: $_$			
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	JOB No.	24-149	

ORE 2 Dubois Road ca, New York 14850	POS	ST LOCATI ROOF FRA	ION PLAN AND Aming plan
n of Ulysses, Tompkins Co.	Scale: 1/4"=1'-0"	Date: 02/24	DWG. A-3.0



MATERIALS SUMMARY TABLE

ITEM	DIMENSIONS
POSTS	3 PLY 2X6 LAMINATED POST
HEADERS	(2) 2X12 (EAVES) REFER TO ROOF FRAMING PLAN ON DRAWING A-3.0
PURLINS (ROOF)	2X4 @ 24" MAX. O.C.
BOTTOM\BASE BOARD	NONE – OPEN SIDES
'X' BRACES	NONE
'Y' BRACES	2X6 AT EVERY POST
TRUSS CROSS BRACE	2X4
TRUSS FOR BUILDING	PRE-ENGINEERED HALF TRUSS @ 4' MAX OC, REFER TO ROOF FRAMING PLAN ON DRAWING A-3.0
TRUSS TIES	SIMPSON STRONG TIE H10A
STRUCTURAL SCREWS	0.220 X 6 STRONG DRIVE SDWS TIMBER SCREW BY SIMPSON STRONG TIE OR APPROVED EQUAL
ROOFING	50 YEAR STEEL ROOFING PANELS STYLE AND COLOR TO BE DETERMINED
SIDING	50 YEAR STEEL SIDING PANELS ON GABLES ONLY STYLE AND COLOR TO BE DETERMINED
CEILING	WHITE METAL LINER PANELS
INSULATION	NONE
GUTTERS	6" SEEAMLESS (OPTIONAL)

NDY MARINE STRUCTION, INC KEYSER RD s, New York 14512	TYPICAL SECTIONS AND DETAILS		
taly, Yates County D No. 56.03-1-11	Scale: AS NOTED	Date: 02/24	DWG. A-4.0