LIST OF ABBREVIATIONS

ACM	ASBESTOS CONTAINING MATERIAL
ACT	ACOUSTIC CEILING TILE
AFF	ABOVE FINISH FLOOR
ALUM	ALUMINUM
ARCH	ARCHITECT
B.O	BY OTHERS
C.O.	CLEAN OUT
CAB	CABINET
CJ	CONTROL JOINT
CLG	CEILING
CLO	CLOSET
CONT	CONTINUOUS
DWG	DRAWING
(E)	EXISTING TO REMAIN
EEP	EXISTING ELECTRICAL PANEL
EFHC	EXISTING FIRE HOSE CABINET
EP	MILLWORK END PANEL
FD	FLOOR DRAIN -- SEE PLUMBING DRAWINGS
GA	GAUGE
GALV	GALVANIZED
GWB	GYPSUM WALLBOARD
HC	HANDICAP
HR	HOUR
INT	INTERIOR
N.I.C.	NOT IN CONTRACT
OH	OPPOSITE HAND
RM	ROOM
RO	ROUGH OPENING
SAN	SANITARY
SIM	SIMILAR
SL	MILLWORK SUPPORT LEG
SPEC	SPECIFICATIONS
STD	STANDARD
TOS	TOP OF SLAB
UON	UNLESS OTHERWISE NOTED

CONSTRUCTION SYMBOLS LEGEND

- NEW WALL CONSTRUCTION
- SHADED AREA DENOTES NOT IN CONTRACT U.O.N. PLANS ARE SHOWN FOR REFERENCE ONLY. LOTHROP ASSOCIATES IS NOT RESPONSIBLE FOR ACCURACY OF PLANS
- 101 — ROOM NUMBER DESIGNATIONS
- W# — WINDOW NUMBER
- P# — PARTITION TYPE. SEE DWG A502
- REVISION NUMBER
- FLOOR ELEVATION
- H — DOOR TAG
- FLOOR TRANSITION DETAIL
- DH# — DEMOLITION KEY TAG
- PLUMBING ACCESSORY
- XX — FINISH TAG
- 1 / A# — ELEVATION NUMBER / SHEET NUMBER — INTERIOR ELEVATION TAG
- 1 / A# — DETAIL NUMBER / SHEET NUMBER — INTERIOR ELEVATION TAG
- 1 / A# — DETAIL NUMBER / SHEET NUMBER — ENLARGED PLAN DETAIL
- NEW DOOR AND FRAME. SEE DOOR SCHEDULE A-800
- EXISTING DOOR AND FRAME TO REMAIN

CONSTRUCTION NOTES

PROJECT COORDINATION SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTION MANAGER

SITE SECURITY AND SAFETY SHALL BE THE RESPONSIBILITY OF THE CONSTRUCTION MANAGER

DRAWINGS ARE NOT TO BE SCALED. USE DEPICTED DIMENSIONS ONLY. DIMENSIONS AND CONDITIONS SHOWN AND ASSUMED ON THE DRAWINGS MUST BE VERIFIED AT THE SITE BY THE CONTRACTOR BEFORE ORDERING ANY MATERIAL OR DOING ANY WORK. DISCREPANCIES IN THE DRAWINGS AND SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT. NO CHANGE IN DRAWINGS OR SPECIFICATIONS IS PERMISSIBLE WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT/ENGINEER. NO WORK SHALL PROCEED UNTIL SUCH DISCREPANCY HAS BEEN RECTIFIED.

PATCH WALL AND CEILING AFFECTED BY NEW WORK. MATCH ADJACENT SURFACE AND FINISH PER SCHEDULE.

DIMENSIONS ARE SHOWN FROM GYPSUM WALLBOARD FINISH TO GYPSUM WALLBOARD FINISH UNLESS OTHER WISE NOTED.

PARTITIONS SHALL BE PLUMB, TRUE, STRAIGHT, PROPERLY BRACED AND RIGID WITHIN 1/8" VARIATION OVER 10 FEET.

COORDINATION OF WORK UNDER THIS CONTRACT SHALL BE MAINTAINED TO ENSURE THE QUALITY AND TIMELY COMPLETION OF THE WORK/PROJECT.

PATCH AND REPAIR DAMAGED OR EXPOSED SURFACES TO ACCOMMODATE NEW WORK. PATCHED WORK AND OTHER AFFECTED AREAS SHALL BE FINISHED TO MATCH EXISTING/ OR NEW FINISH. PAINTING WORK SHALL COVER THE ENTIRE SURFACE TO THE CLOSEST CORNER.

PROVIDE NEW MATERIALS AND FINISHES FOR AREAS WHERE EXISTING CONDITIONS HAVE BEEN REMOVED OR DAMAGED PERFORMING THE CONTRACT WORK.

ADEQUATELY BRACE AND PROTECT WORK DURING CONSTRUCTION AGAINST DAMAGE.

INCLUDE WORK TO PROVIDE A COMPLETE AND FINISHED INSTALLATION.

PROVIDE BLOCKING AT WALL MOUNT TOILET ACCESSORIES, MILLWORK. BLOCKING SHALL BE FIRE TREATED DIMENSIONAL LUMBER, 3/4 INCH FIRE TREATED PLYWOOD OR 18 GAUGE SHEET METAL MOUNTED BEHIND THE GYPSUM WALLBOARD.

KEEP SITE FREE FROM DEBRIS AND ACCUMULATED REFUSE, AND PROTECT ALL DANGEROUS AREAS FROM ENTRY BY UNAUTHORIZED PARTIES. LEAVE WORK AREAS BROOM CLEAN AT THE END OF EACH WORKING DAY.

MAINTAIN FREE AND UNOBSTRUCTED ACCESS FROM ADJACENT SPACES INTO THE EXISTING FIRE STAIRS TO OUTSIDE OF THE BUILDING AT ALL TIMES.

FIRE RATED PARTITIONS SHALL EXTEND FROM THE TOP OF THE CONCRETE FLOOR ASSEMBLY BELOW TO THE UNDERSIDE OF THE CONCRETE FLOOR/ROOF SLAB OR DECK ABOVE OR TO THE FIRE-RESISTANCE-RATED FLOOR/CEILING OR ROOF/CEILING ASSEMBLY ABOVE. WHERE PARTITIONS ARE NOT CONTINUOUS TO THE CONCRETE DECK, AND WHERE CONSTRUCTED OF COMBUSTIBLE CONSTRUCTION, THE SPACE BETWEEN THE CEILING AND THE DECK ABOVE SHALL BE FIRE BLOCKED OR DRAFT STOPPED AT THE PARTITION LINE.

FIRE DOORS AND FRAMES SHALL BE LABELED SHOWING THE NAME OF THE MANUFACTURER, THE NAME OF THE THIRD-PARTY INSPECTION AGENCY, THE FIRE-PROTECTION RATING AND, WHERE REQUIRED FOR FIRE DOORS IN EXIT ENCLOSURES, THE MAXIMUM TRANSMITTED TEMPERATURE END POINT. LABELS SHALL BE APPROVED AND PERMANENTLY AFFIXED. THE LABEL SHALL BE APPLIED AT THE FACTORY WHERE FABRICATION AND ASSEMBLY ARE PERFORMED.

WHERE SLEEVES ARE USED FOR PENETRATIONS THROUGH FIRE RATED ASSEMBLIES, THEY SHALL BE SECURELY FASTENED TO THE ASSEMBLY PENETRATED. THE SPACE BETWEEN THE ITEM CONTAINED IN THE SLEEVE AND THE SLEEVE ITSELF AND ANY SPACE BETWEEN THE SLEEVE AND THE ASSEMBLY PENETRATED SHALL BE SEALED AND PROTECTED WITH FIRESTOPPING.

A BUILDING CODE ANALYSIS ORANGE CO. EMERGENCY SHELTER FACILITY — 38 Seward Ave., Middletown, NY

GOVERNING BUILDING CODES

BUILDING CODE	2020 BUILDING CODE OF NYS
BUILDING CODE	2020 EXISTING BUILDING CODE OF NYS
PLUMBING CODE	2020 PLUMBING CODE OF NYS
ELECTRICAL CODE	NATIONAL ELECTRIC CODE 2020
MECHANICAL CODE	2020 MECHANICAL CODE OF NYS
FIRE CODE	2020 FIRE CODE OF NYS
FUEL	2020 FUEL GAS CODE OF NYS
ENERGY CODE	2020 ENERGY CONSERVATION CODE OF NYS 2016 SUPPLEMENT TO THE INTERNATIONAL ENERGY CONSERVATION CODE
ACCESSIBILITY CODE	2009 ANSI-A117.1

THESE PLANS COMPLY WITH THE PROVISION OF TITLE III OF THE "AMERICANS WITH DISABILITIES ACT" (ADA) PUBLIC LAW 101-336, FOR HANDICAPPED ACCESSIBILITY FOR CUSTOMER AND EMPLOYEES.

B NEW YORK STATE CONSTRUCTION - CODE ANALYSIS (ALTERATION LEVEL 2)

OCCUPANCY AND AREA SUMMARY

CLASSIFICATION OF WORK — STRUCTURE CLASS- TYPE

		SEC 503.1	ALTERATION LEVEL-2
FIRST FLOOR:		**NO WORK**	
SECOND FLOOR: PROPOSED USE AND OCCUPANCY	WOMENS & FAMILY SHELTER		I-1
	ADMINISTRATIVE OFFICES	**NO WORK**	B
	STORAGE	**NO WORK**	S-2
THIRD FLOOR: PROPOSED USE AND OCCUPANCY	MENS SHELTER		I-1
	ADMINISTRATIVE OFFICES	**NO WORK**	B
	STORAGE	**NO WORK**	S-2

FIRST FLOOR	23,188	Square Feet
SECOND FLOOR	23,188	Square Feet
THIRD FLOOR	23,188	Square Feet
TOTAL	69,564	Square Feet
EXISTING BUILDING HEIGHT		
STORIES	3	Stories
FEET	48	Feet
PROPOSED BUILDING PERIMETER	1,265	Feet
ACCESSIBLE BUILDING PERIMETER	1,226	Feet

C MAXIMUM HEIGHT & AREA (BUILDING IS FULLY SPRINKLERED)

FIRE AREA ANALYSIS	USE	AREA
MAXIMUM FIRE AREA FOR CONSTRUCTION TYPE (TABLE 506.2) - SQUARE FEET	I-1	30,000 Square Feet
MAXIMUM FIRE HEIGHT FOR CONSTRUCTION TYPE (TABLE 504.4) - STORIES		4 Stories
TOTAL AREA OF THIS OCCUPANCY		22,355 Square Feet
MAXIMUM FIRE AREA FOR CONSTRUCTION TYPE (TABLE 506.2) - SQUARE FEET	B	57,000 Square Feet
MAXIMUM FIRE HEIGHT FOR CONSTRUCTION TYPE (TABLE 504.4) - STORIES		4 Stories
TOTAL AREA OF THIS OCCUPANCY		23,754 Square Feet
MAXIMUM FIRE AREA FOR CONSTRUCTION TYPE (TABLE 506.2) - SQUARE FEET	A-2	25,500 Square Feet
MAXIMUM FIRE HEIGHT FOR CONSTRUCTION TYPE (TABLE 504.4) - STORIES		3 Stories
TOTAL AREA OF THIS OCCUPANCY		1,000 Square Feet
MAXIMUM FIRE AREA FOR CONSTRUCTION TYPE (TABLE 506.2) - SQUARE FEET	S-1	78,000 Square Feet
MAXIMUM FIRE HEIGHT FOR CONSTRUCTION TYPE (TABLE 504.4) - STORIES		3 Stories
TOTAL AREA OF THIS OCCUPANCY		3,510 Square Feet

D FIRE RESISTANCE RATINGS REQUIRED TABLE 601

BUILDING ELEMENT — TYPE IIIB	REQUIRED RATING	PROVIDED
STRUCTURAL FRAME	0	0
STRUCTURAL FRAME SUPPORTING ROOF ONLY	0	0
EXTERIOR BEARING WALLS	2	2
INTERIOR BEARING WALLS	0	0
ROOF CONSTRUCTION	0	2
FIRE BARRIER	2	2

E FIRE PROTECTION SYSTEMS

SPRINKLER SYSTEM — REQUIRED AS PER SECTION 903.28	USE GROUP	REQUIRED	PROVIDED
	I-1	YES	YES
	B	NO	YES
	A-2	NO	YES
	S-2	NO	YES
STAND PIPE		NO	NO
FIRE ALARM AND DETECTION		YES	YES

F MEANS OF EGRESS

LENGTH OF TRAVEL

	USE GROUP	REQUIRED	PROVIDED
MAXIMUM TRAVEL DISTANCE PERMITTED (1016.1)	B	300'	95
	A-2	250'	87
	S-2	400'	65
	I-1	250'	95

G OCCUPANCY LOAD - SECTION 1004.1.2

OCCUPANCY	SPACE	SF / PERSON	PERSONS	Exits Required	Exits Provided
FIRST FLOOR	**NO WORK**				
SECOND FLOOR					
B (OFFICES)	**NO WORK**				
I-1 SLEEPING AREAS	4357 GR. SQUARE FEET	120	36	2	3
S-2 (STORAGE)	**NO WORK**				
THIRD FLOOR					
B (OFFICES)	**NO WORK**				
I-1 SLEEPING AREAS	4779 GR. SQUARE FEET	120	40	2	4
UNKNOWN USE	**NO WORK**				

H MINIMUM NUMBER OF EXITS (Table 1018.1)

NUMBER OF EXITS PROVIDED		REQUIRED	PROVIDED
FIRST FLOOR	**NO WORK**		
SECOND FLOOR	36	2	2
THIRD FLOOR	40	2	2

I PLUMBING FIXTURES

FIRST FLOOR	**NO WORK**		
SECOND FLOOR			
B offices		REQUIRED	PROVIDED
WATER CLOSET/ URINAL	1/50 PERSONS	1	1
LAVATORY	1/50 PERSONS	1	1
DRINKING FOUNTAIN	1/100 PERSONS	1	1
I-1 SLEEPING AREAS		REQUIRED	PROVIDED
WATER CLOSET/ URINAL	1/10 PERSONS	4	6
LAVATORY	1/10 PERSONS	4	5
BATHTUB OR SHOWER	1/8 PERSONS	5	5
DRINKING FOUNTAIN	1/500 PERSONS	1	1
SERVICE SINK	1	1	
S-2 (STORAGE)		REQUIRED	PROVIDED
WATER CLOSET/ URINAL	1/100 PERSONS	1	1
LAVATORY	1/100 PERSONS	1	1
DRINKING FOUNTAIN	1/1000 PERSONS	1	1
THIRD FLOOR			
I-1 SLEEPING AREAS		REQUIRED	PROVIDED
WATER CLOSET/ URINAL	1/10 PERSONS	4	5
LAVATORY	1/10 PERSONS	4	5
BATHTUB OR SHOWER	1/8 PERSONS	5	5
DRINKING FOUNTAIN	1/500 PERSONS	1	1
UNKNOWN USE	**N.I.C.**		

J NEW YORK STATE ENERGY - CODE ANALYSIS (Chapter 5 Prescriptive Approach)

WINDOWS		REQUIRED	PROVIDED
	U FACTOR	0.3	0.30
	SHGC	0.40	0.40

* Would require double pane low E with Argon filled glazing.

ROOF ASSEMBLIES — **N.I.C.**

** Would require blown-in foam in rafter bays or loose batt or blown-in on attic slab.

ABOVE GRADE WALLS			
	MASS	R =11.4 ci	NONE
	METAL FRAMED		
	BETWEEN METAL FRAMING	R = 13	N/A
	CONTINUOUS	R = 7.5	N/A

***would require 3 1/2" insulated perimeter stud walls + 1 1/2" rigid continuous insul. board.

FLOORS			
	MASS	R = 10	N/A
	FRAMED	N/A	N/A
BELOW GRADE WALLS		NO WORK	
DOORS OPAQUE			
	SWINGING	U = .37	N/A

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ISSUE NO.	ISSUE DATE	DESCRIPTION
1	03-19-2021	ISSUED FOR BID

REGISTERED ARCHITECT VINCENT J. LOTHROP 023849 STATE OF NEW YORK

ALTERATIONS TO BUILDING # 51, EMERGENCY HOUSING GROUP
38 SEWARD AVENUE
MIDDLETOWN, NY 10940

BUILDING CODE AND ENERGY COMPLIANCE DATA

PROJECT NO.: 1802-01

DRAWING NO.:

A-001