

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 3/15/19

To: Debrae Whalon
(Person's Name and Division)

From: Charles Miller (410) 552-6210
(Your Name, Company Name and Telephone Number)

Subject: Project name Lisbon VFD
Project site address 16104 Frederick Road, Woodbine, MD 21797
Permit # B18003941 SDP # _____
Other information pertinent to this project _____

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PLAN REVIEW DIVISION

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, duplicate sets shall be submitted.
- Letter Summarizing Changes
- Energy conservation calculations
- 3 Copies of sets (be specific).
- Health Department Request DPZ/ DED Request Applicant's Request
- Two sets of single family dwelling model plans to be placed on permanent file: Model name and/or # _____
- Other energy calcs

Contact Person Information (Required)

Elizabeth McClung Telephone No: (410) 552-6210
Please Print Name

E-Mail Address: _____

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED

COMMERCIAL REVISIONS # 2
Project Name: Lisbon VFD
Permit # B18-3941 Date: 3/12/19

ERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS IT DIVISION AT 410-313-2455. CODE RELATED QUESTIONS ECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. ING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED.

Please date, initial, and advise project coordinator when last review is complete.

SA/SLG _____ DEC _____
PH _____ JOSE _____
DH _____ JASON _____

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Copy of Plans to Health

C County Proj no fee

MEANS OF EGRESS:

NUMBER OF EXITS - MIN. OF 2 SHALL BE PROVIDED
 REQUIRED BY 2015 IBC SECTION 1008
 ASSEMBLY (A-2) - MIN. OF 2 PER N.F.P.A. 101, 2015 SECTION 12.2.4 AND SECTION 1.4
 BUSINESS (B) - MIN. OF 2 PER N.F.P.A. 101, 2015 SECTION 30.2.4 AND SECTION 1.4
 STORAGE (S-1) - MIN. OF 2 PER N.F.P.A. 101, 2015 SECTION 42.2.4 AND SECTION 1.4

ILLUMINATION OF MEANS OF EGRESS - SHALL BE PROVIDED
 REQUIRED BY 2015 IBC SECTION 1008
 ASSEMBLY (A-2) - MIN. OF 2 PER N.F.P.A. 101, 2015 SECTION 12.2.8 AND SECTION 1.8
 BUSINESS (B) - MIN. OF 2 PER N.F.P.A. 101, 2015 SECTION 30.2.8 AND SECTION 1.8
 STORAGE (S-1) - MIN. OF 2 PER N.F.P.A. 101, 2015 SECTION 42.2.8 AND SECTION 1.8

EMERGENCY LIGHTING - SHALL BE PROVIDED
 ASSEMBLY (A-2) - PER N.F.P.A. 101, 2015 SECTION 12.2.9 AND SECTION 1.4
 BUSINESS (B) - PER N.F.P.A. 101, 2015 SECTION 30.2.9 AND SECTION 1.4
 STORAGE (S-1) - PER N.F.P.A. 101, 2015 SECTION 42.2.9 AND SECTION 1.4

ILLUMINATED EXIT SIGNS - SHALL BE PROVIDED
 REQUIRED BY 2015 IBC SECTION 1009
 ASSEMBLY (A-2) - PER N.F.P.A. 101, 2015 SECTION 12.2.10 AND SECTION 1.10
 BUSINESS (B) - PER N.F.P.A. 101, 2015 SECTION 30.2.10 AND SECTION 1.10
 STORAGE (S-1) - PER N.F.P.A. 101, 2015 SECTION 42.2.10 AND SECTION 1.10

EGRESS DISTANCES

(N.F.P.A. 101 2015, TABLE A.7.6):

COMMON PATH OF TRAVEL	SPRINKLERED
ASSEMBLY (A)	20'
BUSINESS (B)	100'
STORAGE (S)	100'
RESIDENTIAL (R-3)	100'
DEAD END TRAVEL DISTANCE	
ASSEMBLY (A)	20'
BUSINESS (B)	30'
STORAGE (S)	100'
RESIDENTIAL (R-3)	100'
MAX. TRAVEL DISTANCE TO EXIT	
ASSEMBLY (A)	250'
BUSINESS (B)	300'
STORAGE (S)	400'
RESIDENTIAL (R-3)	100'

MEANS OF EGRESS SIZING - 2015 IBC SECTION 1005
 CORRIDOR = 60" CORRIDOR X 15"/OCCUPANT = 400 PEOPLE
 CORRIDOR = 36" CORRIDOR OCCUPANT LOADS LESS THAN 50
 DOOR = 36" DOOR (34" CLEAR) X 2"/OCCUPANT = 170 PEOPLE
 STAIRS = 36" STAIR OCCUPANT LOADS LESS THAN 50.

EXIT ACCESS STAIRS AND RAMPS - 2015 IBC SECTION 1014.2
 EXIT ACCESS STAIRS AND RAMPS THAT SERVE FLOOR LEVELS WITHIN A SINGLE STORY ARE NOT REQUIRED TO BE ENCLOSED.

EXIT ACCESS STAIRS AND RAMPS - 2015 IBC SECTION 1014.3
 EXIT ACCESS STAIRS AND RAMPS THAT COMMUNICATE BETWEEN ONLY TWO STORIES SHALL NOT BE OPEN TO OTHER STORIES.

CORRIDOR FIRE RESISTANCE RATINGS - 2015 IBC TABLE 1020.1
 ASSEMBLY, BUSINESS AND STORAGE - 30 OCCUPANTS 0 HR RATINGS REQUIRED
 RESIDENTIAL - > 10 OCCUPANTS - 5 HR RATINGS REQUIRED.

CODE COMPLIANCE:

THIS TENANT SPACE HAS BEEN EVALUATED AND DESIGNED TO ADHERE TO THE 2015 INTERNATIONAL BUILDING CODE, 2015 N.F.P.A. 101 LIFE SAFETY CODE, N.F.P.A. 1 - 2015, 2015 FIRE PREVENTION CODE, AND THE REQUIREMENTS OF A.D.A. - 2010 ADAAGS AND REVISIONS.

BUILDING USE GROUPS AND TYPE OF CONSTRUCTION:

I.B.C. 2015 SECTION 302
 UNSEPARATED MIXED USE GROUPS - ASSEMBLY (A-2), BUSINESS (B), STORAGE (S-1), RESIDENTIAL (R-3)
 CONSTRUCTION TYPE - II-B NON PROTECTED NON COMBUSTIBLE

ALLOWABLE HEIGHT # OF STORIES - 2015 IBC TABLE 504.3

PROPOSED OCCUPANCIES - ASSEMBLY (A-2), BUSINESS (B), STORAGE (S-1), RESIDENTIAL (R-3) -
 ALLOWABLE HEIGHT - 75 FEET
 PROPOSED BUILDING HEIGHT - ??????

ALLOWABLE HEIGHT # OF STORIES - 2015 IBC TABLE 504.4

PROPOSED OCCUPANCIES - ASSEMBLY (A-2), BUSINESS (B), STORAGE (S-1), RESIDENTIAL (R-3) -
 ALLOWABLE # OF STORIES - 3 STORIES
 PROPOSED BUILDING HEIGHT - 1 STORY

ALLOWABLE AREA - 2015 IBC TABLE 506.2:

PROPOSED OCCUPANCIES - ASSEMBLY (A-2), BUSINESS (B), STORAGE (S-1), RESIDENTIAL (R-3) -
 ALLOWABLE AREA - 20,500 SQ. FT.
 PROPOSED BUILDING AREA - 24,521 SQ. FT.

MIXED USE GROUPS - 2015 IBC SECTION 508

PROPOSED OCCUPANCIES - ASSEMBLY (A-2), BUSINESS (B), STORAGE (S-1), RESIDENTIAL (R-3)

FIRE SEPARATION - 2015 IBC TABLE 508.4

UNSEPARATED USE GROUPS PER I.B.C. 2015 SECTION 508.3
 ASSEMBLY (A-2), BUSINESS (B), STORAGE (S-1), RESIDENTIAL (R-3)

INCIDENTAL USES - 2015 IBC TABLE 509

NOT APPLICABLE

FIRE RESISTANCE RATINGS OF

BUILDING ELEMENTS (I.B.C. 2015 - TABLE 601):

CONSTRUCTION TYPE II-B	
STRUCTURAL FRAME - COLUMNS, TRUSSED ETC.	0 HR.
EXTERIOR BEARING WALLS	0 HR.
INTERIOR BEARING WALLS	0 HR.
NON BEARING WALLS	0 HR.
FLOOR CONSTRUCTION - BEAMS AND JOISTS	0 HR.
ROOF CONSTRUCTION - BEAMS AND JOISTS	0 HR.

FIRE EXTINGUISHERS: SHALL BE REQUIRED

PORTABLE FIRE EXTINGUISHERS ARE REQUIRED PER N.F.P.A. 101, 2015 - INSTALLED PER N.F.P.A. 10 PER THE DIRECTION OF THE FIRE MARSHAL

INTERIOR FINISHES:

INTERIOR FINISHES TO BE CLASS "A" FINISHES FOR LESS THAN 300 OCCUPANTS PER NFPA 101 CHAPTER 10

EXTERIOR OPENINGS:

UNLIMITED OPENINGS IBC 2015 SECTION 105.8 - GREATER THAN 20' SEPARATION DISTANCE AND FIRE SPRINKLERS

SPECIAL HAZARD PROTECTION: SHALL BE PROVIDED

SHALL BE PROVIDED PER NFPA 101 SECTION 12.9.2 TO COMPLY WITH NFPA 101 SECTION 8.4.1.1 - PROTECTED BY 1 HOUR RATED CONSTRUCTION

FIRE ALARM:

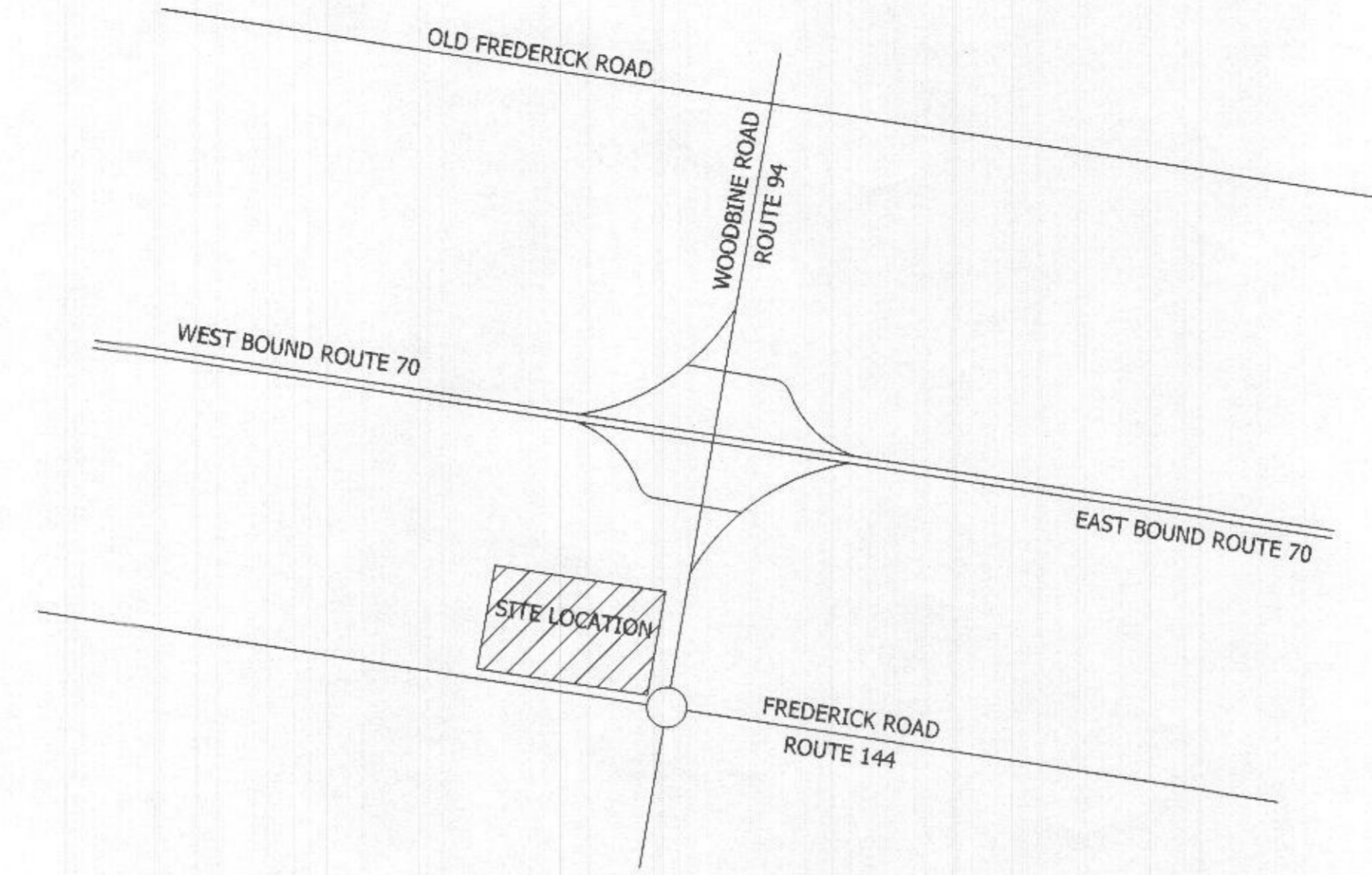
PROVIDE FULL STATIONS AT EXITS.

SMOKE DETECTOR: SHALL BE PROVIDED

BUSINESS (B), STORAGE (S-1), INDUSTRIAL (GENERAL) - REQUIRED PER N.F.P.A. 101, 2015 SECTION 9.6

FIRE SPRINKLERS:

AUTOMATIC FIRE SUPPRESSION SYSTEM IS REQUIRED INSTALLED PER NFPA 13.



VICINITY MAP:

NO SCALE

NEW BUILDING

Lisbon Volunteer Fire Department

WOODBINE, MARYLAND 21797

INDEX OF DRAWINGS:

CS-1	COVER SHEET
LS-1	OCCUPANT LOAD ANALYSIS
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A-3	PART MAIN LEVEL FLOOR PLAN @ APPARATUS ROOM
A-4	PART MEZZ LEVEL FLOOR PLAN @ APPARATUS ROOM
A-5	PART MAIN LEVEL FLOOR PLAN @ ADMIN. & BUNK ROOM
A-6	PART MAIN LEVEL FLOOR PLAN @ BANQUET HALL
A-7	MAIN ROOF PLAN
A-8	BUILDING ELEVATIONS
A-9	BUILDING SECTIONS
A-10	BUILDING SECTIONS
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A-12	BUILDING SECTIONS
A-13	BUILDING SECTIONS
A-14	SILO/HOSE TOWER SECTIONS
A-15	INTERIOR ELEVATIONS
A-16	ROOM FINISH SCHEDULE
A-17	STOREFRONT ELEVATIONS & WALL TYPES
A-18	DOOR SCHEDULE & DETAILS

SH-1	GENERAL STRUCTURAL NOTES & SCHEDULES
S-100	FOUNDATION PLAN & NOTES
S-101	FOUNDATION PLAN & NOTES
S-102	MEZZANINE LEVEL FRAMING PLAN
S-103	STRUCTURAL DETAILS

SEE CIVIL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR DRAWING INDEX FOR THOSE TRADES, TYPICAL

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SCOPE OF WORK:

THE SCOPE OF WORK IS A NEW FIRE STATION WITH ENGINE ROOM, BUNK HOUSE, OFFICES, KITCHEN, AND BANQUET ROOMS

GENERAL NOTES:

- INTERIOR DIMENSIONS ARE SHOWN FROM FACE OF STUD TO FACE OF STUD.
- EXTERIOR DIMENSIONS ARE FROM FACE OF SHEATHING.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT BUILDING CODES
- CONTRACTOR SHALL OBTAIN A BUILDING PERMIT FOR THE CONSTRUCTION OF THE BUILDING. SUB-CONTRACTORS SHALL OBTAIN REQUIRED TRADE PERMITS PRIOR TO COMMENCING WORK AND PROVIDE COPIES OF ALL PERMITS TO GENERAL CONTRACTOR
- ALL NEW DRYWALL SURFACES SHALL BE TAPED FINISHED AND TOUCH SANDED FOR A LEVEL 4 FINISH
- ALL SURFACES TO BE PAINTED, SHALL BE PRIMED WITH APPROPRIATE MATERIAL AND RECEIVE TWO FINISH COATS OF THE SELECTED FINISH. ACCENTS STRIPES, DECORATOR COATINGS, AND SIMILAR FINISHES SHALL BE APPLIED OVER THE REQUIRED SURFACE PAINTING
- NEW DOOR HARDWARE SHALL BE LEVER TYPE IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT AND ACCESSIBILITY REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE
- PROVIDE BLOCKING, CONTINUOUS, CONCEALED IN PARTITIONS, SECURELY ANCHORED TO STUDDING AT ALL COUNTER TOPS, CABINETS, FIXTURES, GRAB BARS AND ACCESSORIES REQUIRING SOLID ANCHORAGE, TYPICAL
- CONTRACTOR SOLELY RESPONSIBLE FOR JOB SAFETY ON THE JOB SITE DURING CONSTRUCTION. CONTRACTOR TO ABIDE BY ALL INDUSTRY REGULATIONS INCLUDING OSHA AND GSHA REQUIREMENTS.

**COVER SHEET
CODE ANALYSIS**

SEPTEMBER 25, 2018 - ISSUED FOR PERMITS
 FEBRUARY 14, 2019 - PERMIT REVIEW COMMENTS ADDRESSED

ARCHITECTURAL CONCEPTS GROUP, INC.

RESIDENTIAL ARCHITECTS COMMERCIAL

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**LISBON VOLUNTEER
FIRE DEPARTMENT**
 ENGINE ROOM & BANQUET FACILITY
 OLD NATIONAL PIKE & WOODBINE ROAD
 LISBON, HOWARD CO., MARYLAND 21765

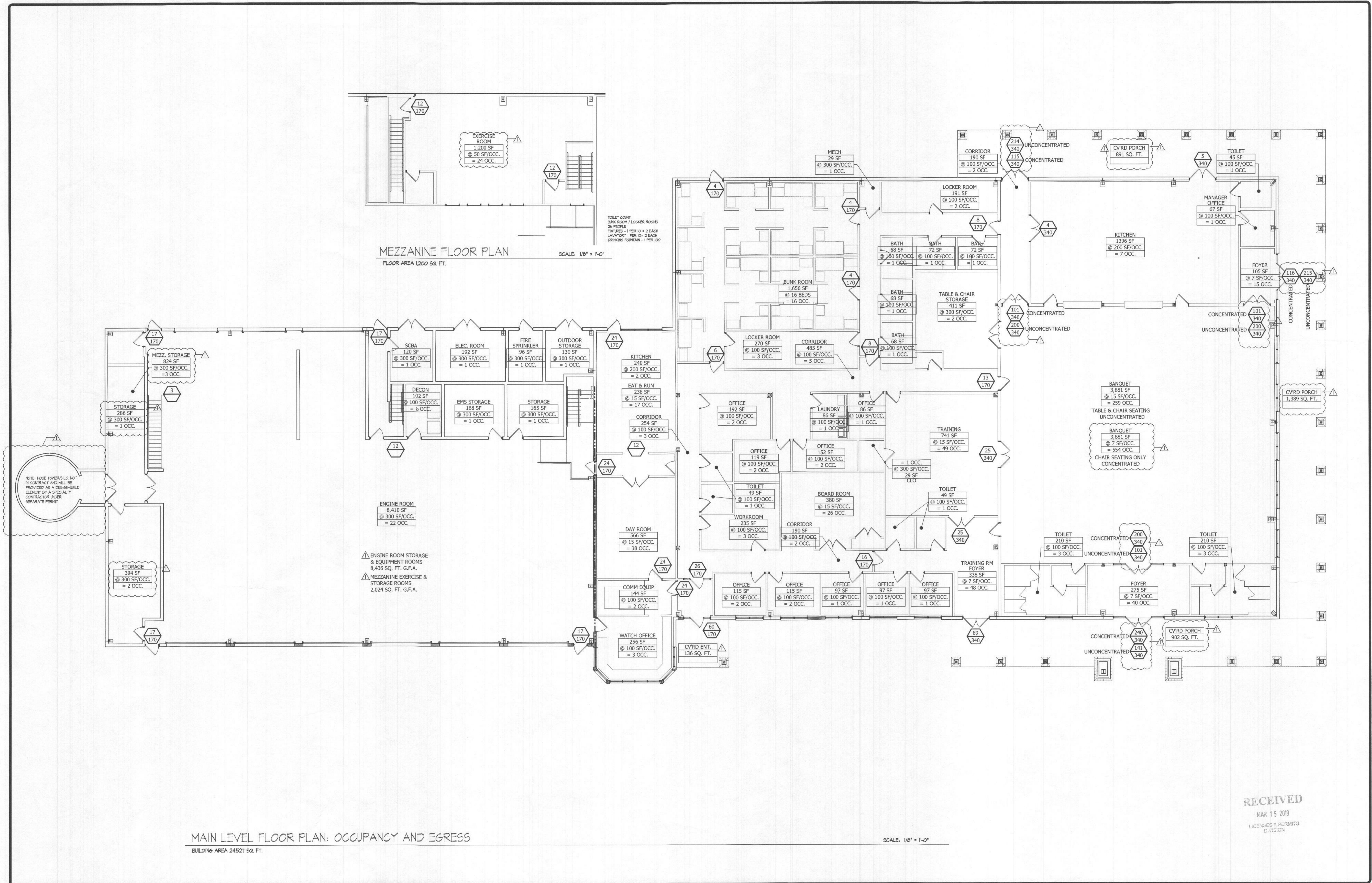


PROJ.#: 1713

SCALE: NOTED

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CS-1



MAIN LEVEL FLOOR PLAN: OCCUPANCY AND EGRESS
BUILDING AREA 24,521 SQ. FT.

SCALE: 1/8" = 1'-0"

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LIFE SAFETY PLAN /
OCCUPANCY LOADS

SEPTEMBER 25, 2018: ISSUED FOR PERMITS
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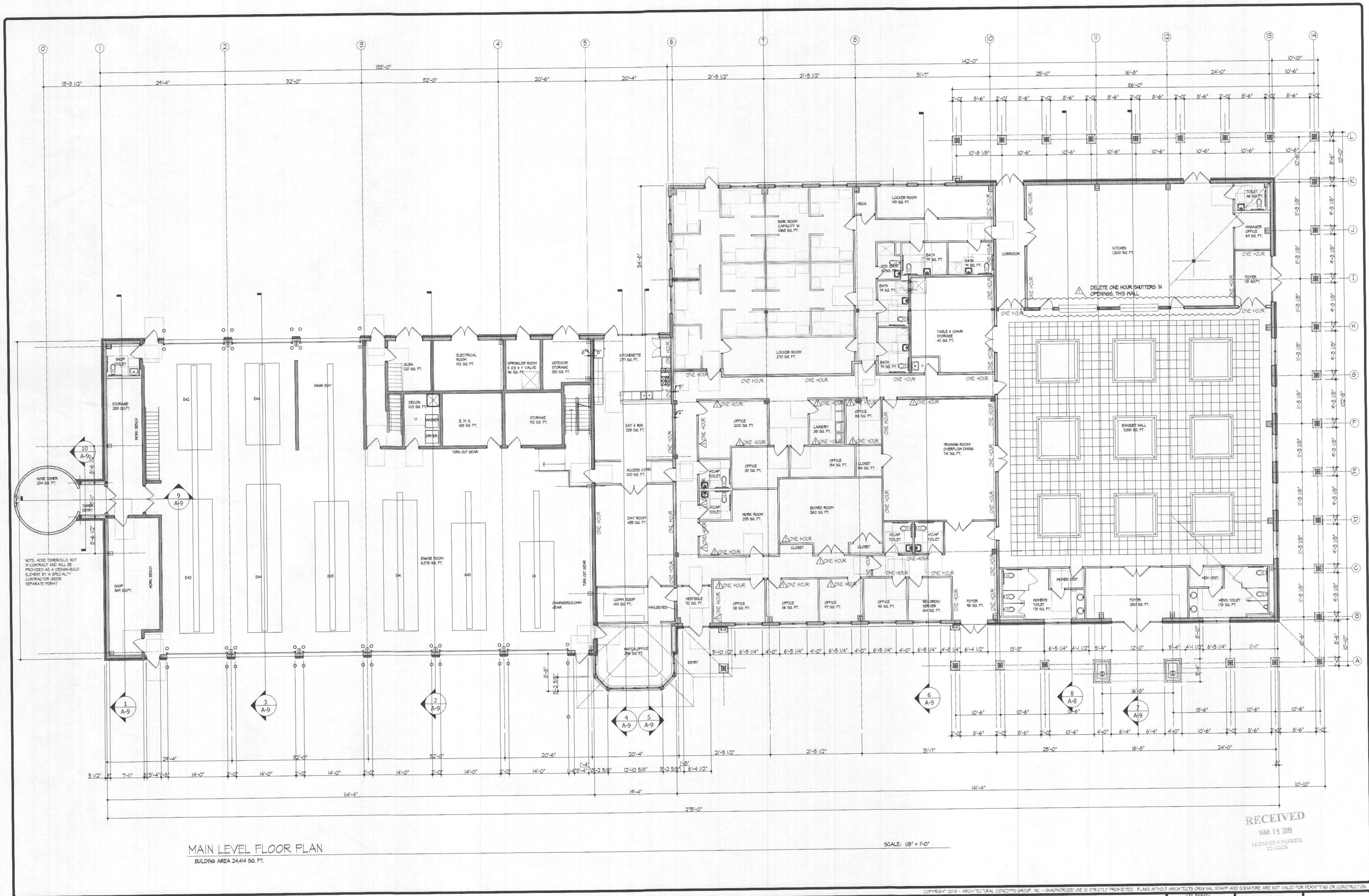
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LS-1



MAIN LEVEL
FLOOR PLAN

SEPTEMBER 25, 2016, ISSUED FOR PERMITS
FEBRUARY 14, 2019, PERMIT REVIEW COMMENTS ADDRESSED

ARCHITECTURAL CONCEPTS GROUP, INC.
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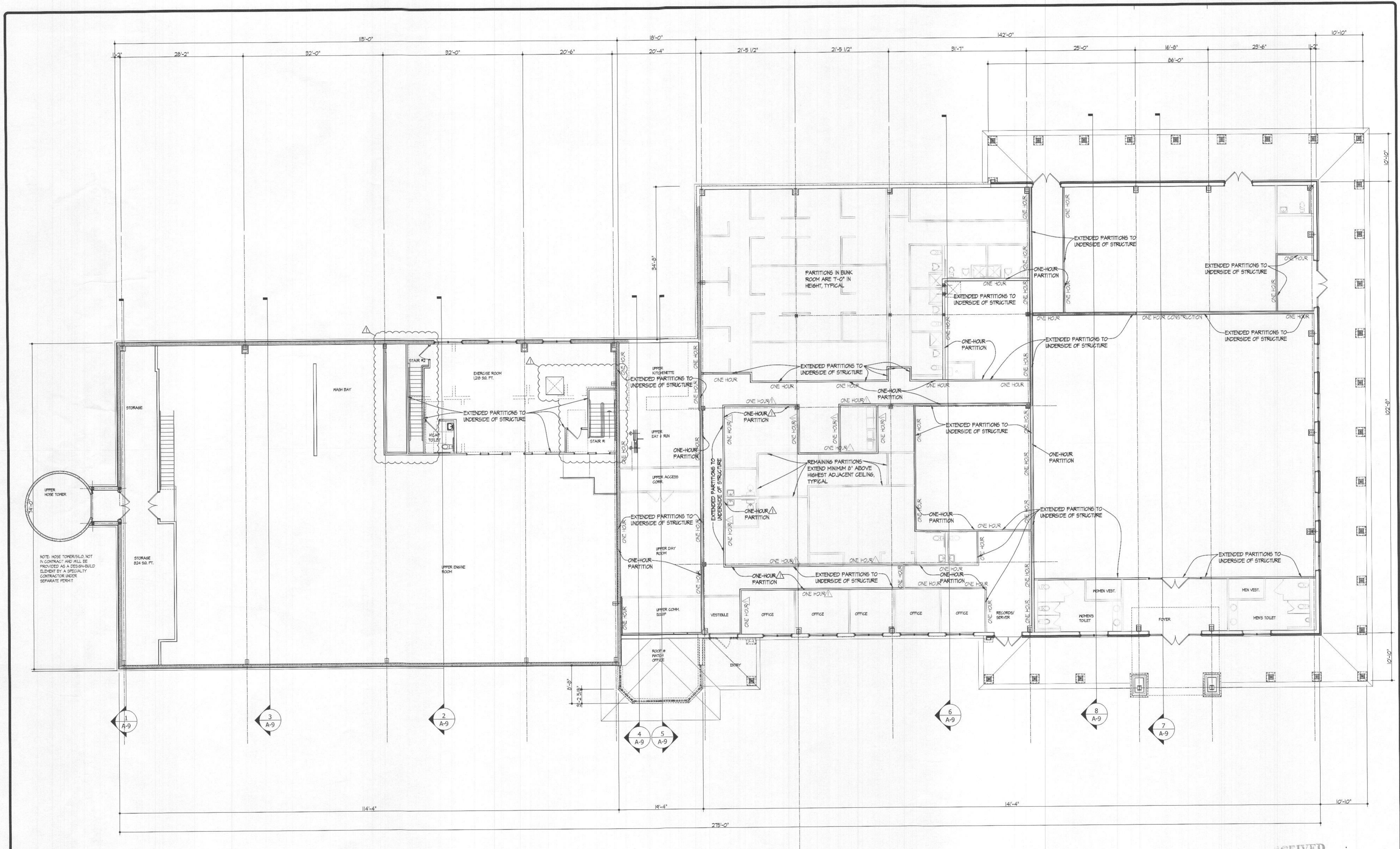
**LISBON VOLUNTEER
FIRE DEPARTMENT**
ENGINE ROOM & BANQUET FACILITY
OLD NATIONAL PIKE & WOODBINE ROAD
LISBON, HOWARD CO., MARYLAND 221765



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A-1



MEZZANINE FLOOR PLAN
BUILDING AREA 24414 SQ. FT.

SCALE: 1/8" = 1'-0"

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<h2 style="margin: 0;">MEZZANINE FLOOR PLAN</h2>	SEPTEMBER 25, 2018, ISSUED FOR PERMITS FEBRUARY 14, 2019, PERMIT REVIEW COMMENTS ADDRESSED	ARCHITECTURAL CONCEPTS GROUP, INC. RESIDENTIAL ARCHITECTS COMMERCIAL 424 WEST PATRICK STREET FREDERICK, MARYLAND 21701 Telephone: 301-831-8400 EMail: architects@architectsgroup.com	LISBON VOLUNTEER FIRE DEPARTMENT ENGINE ROOM & BANQUET FACILITY OLD NATIONAL PIKE & WOODBINE ROAD LISBON, HOWARD CO., MARYLAND 221765		PROJ# 1713 SCALE: NOTED <small>PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND LIC# 5315 exp. 07/14/2019</small>	A-2
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