

VILLAGE OF LOMBARD  
REQUEST FOR BOARD OF TRUSTEES ACTION  
For Inclusion on Board Agenda

  X   Resolution or Ordinance (Blue) \_\_\_\_\_ *Waiver of First Requested*  
\_\_\_\_\_ Recommendations of Boards, Commissions & Committees (Green)  
\_\_\_\_\_ Other Business (Pink)

TO: PRESIDENT AND BOARD OF TRUSTEES

FROM: Scott Niehaus, Village Manager

DATE: March 24, 2022 (B of T) Date: April 7, 2022

TITLE: A Resolution Authorizing Signature of the Village President on a Fireworks  
Production Agreement (Mad Bomber Fireworks Productions)

BACKGROUND/POLICY IMPLICATIONS:

Attached please find information regarding a recommendation to approve a Fireworks Production Agreement with Mad Bomber Fireworks Productions for the provision of a fireworks display in Madison Meadow Park on Monday, July 4, 2022 at a cost of \$42,000.

Review (as necessary):

Village Attorney X \_\_\_\_\_ Date \_\_\_\_\_

Finance Director X \_\_\_\_\_ Date \_\_\_\_\_

Village Manager X Scott Niehaus \_\_\_\_\_ Date 3/24/22

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 12:00 noon, Wednesday, prior to the Agenda Distribution.

MEMORANDUM

**TO:** Scott Niehaus, Village Manager  
**FROM:** Nicole Aranas, Assistant Village Manager  
**DATE:** March 24, 2022  
**SUBJECT:** **APPROVAL OF A FIREWORKS PRODUCTION AGREEMENT  
MAD BOMBER FIREWORKS PRODUCTIONS – 4<sup>TH</sup> OF JULY FIREWORKS DISPLAY**

Attached please find information recommending approval of a Fireworks Production Agreement with Mad Bomber Fireworks Productions for the production of a fireworks display to take place in celebration of Independence Day on July 4, 2022 in Madison Meadow Park.

In 2019, the Village issued a Request for Proposals (RFP) seeking qualified vendors for a computer choreographed and electronically fired fireworks production and display to take place on July 4, 2019 with renewal options for 2020 and 2021. Multiple pyrotechnics vendors were solicited to provide proposals for the provision of a fireworks display for the Village. A contract was awarded to Mad Bomber Fireworks Productions for 2019 with options for service in 2020 and 2021. The fireworks display was cancelled in 2020, but the Village did contract with Mad Bomber for a pyrotechnics display in 2021.

Pending final approval of the contracts with the Park District for a display, it is recommended that the Village Board authorize execution of a Fireworks Production Agreement with Mad Bomber to take place on July 4, 2022. All approvals would be subject to consent and approval of the Lombard Park District.

The Office of the State Fire Marshal had recently indicated that pyrotechnic displays for 2022 could face challenges due to less licensed operators and companies still operating in the field, delivery delays, scarcity of materials, and dramatic cost increases primarily resulting from increased cost for shipping and freight. As the Village did not exercise a year of service with Mad Bomber in 2020 due to COVID, Village staff reached out for a direct proposal for a third year of service in 2022 (see attached).

Consistent with the issues identified above, Mad Bomber proposed two alternate displays for 2022: (1) a display similar to what was offered in 2019 and 2022 for a total price of \$42,000 (reflecting a price increase of \$7,000); and (2) a display of reduced fireworks and duration for \$35,000.

Staff has reviewed both proposals and it is the recommendation of both Fire Marshal Johnson and me to proceed with a contract with Mad Bomber Fireworks Productions for 2022 with a similar show to those in 2019 and 2022. Mad Bomber has an established history of dependability, safety, cooperation with Village and Fire Department Staff as well as a record of an enjoyable fireworks production. Furthermore, whereas they are no longer offering July 4 pyrotechnics displays to new customers due to limited manpower and materials, Mad Bomber has agreed to hold our date, materials, and operators pending approval by the Board and Lombard Park District.

Having been the fireworks vendor for the Taste of Lombard for more than a decade and the vendor for the 2015-2021 Village of Lombard displays, Mad Bomber Fireworks Productions has significant experience in Lombard at the Madison Meadow location and has stated that they will provide a display of the same caliber as past years.

The proposed Fireworks Production Agreement with Mad Bomber provides for the production and display of a twenty-five minute fireworks display on July 4, 2022 at a cost of \$42,000. The attached Resolution authorizes execution of an agreement with Mad Bomber pending development and final approval of a Fireworks Display Agreement between the Village of Lombard and the Lombard Park District.

Please let me know if you have any questions or concerns.

**R E S O L U T I O N**  
**R \_\_\_\_\_ 22**

**A RESOLUTION AUTHORIZING SIGNATURE OF THE VILLAGE PRESIDENT ON A FIREWORKS PRODUCTIONS AGREEMENT**

**WHEREAS**, the Village of Lombard desires to contract with Mad Bomber Fireworks Productions for a fireworks display to take place on July 4, 2022 in Madison Meadow Park,

NOW, THEREFORE, BE IT RESOLVED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, AS FOLLOWS:

**SECTION 1:** That the Village President be and hereby is authorized to sign on behalf of the Village of Lombard a Fireworks Production Agreement with Mad Bomber Fireworks Productions as attached hereto pending final approval the Fireworks Production Agreement with the vendor and a Fireworks Display Agreement between the Village of Lombard and the Lombard Park District.

**SECTION 2:** That this Resolution shall be in full force and effect from and after its passage and approval as provided by law.

Adopted this \_\_\_\_\_ day of \_\_\_\_\_, 2022.

Ayes: \_\_\_\_\_

Nayes: \_\_\_\_\_

Absent: \_\_\_\_\_

Approved this \_\_\_\_\_, day of \_\_\_\_\_, 2022.

\_\_\_\_\_  
Keith Giagnorio, Village President

ATTEST:

\_\_\_\_\_  
Elizabeth Brezinski, Village Clerk

# MAD BOMBER

## FIREWORKS PRODUCTIONS

3999 E. HUPP ROAD BLDG. R-3-1 LAPORTE, IN 46350

11N485 HUNTER TRAIL, ELGIN, IL 60124 Ph.(847) 464-1442 Fax 847 464-1388

PG. 1 of 8

To: VILLAGE OF LOMBARD Fax #630 620-3085

ATTENTION: NICOLE ARANAS

Re; FIREWORKS DISPLAY - MON. 07/04/22

- (Please Sign & Return Contact Agreement)
- 2 x Programs submitted \$42,000/\$35,000
- Certificate of Insurance #22-0048
- Largest shell size is 6" Diameter
- 420' Distance N.F.P.A. #1123

WE HAVE A DEDICATED FAX LINE

PLEASE RE-SUBMIT YOUR FAX TO THIS # 847 464-1388

THANK YOU, DAN P. MILLER  
E-Mail dan@madbomberfireworks.com

P.S. PLEASE CALL ME IF YOU HAVE ANY QUESTIONS AT ALL...

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# MAD BOMBER

## FIREWORKS PRODUCTIONS

3999 E. HUPP ROAD BLDG. R-3-1 LAPORTE, IN 46350  
11N485 HUNTER TRAIL \* ELGIN, IL 60124 \* (847) 464-1442 Fax (847) 464-1388

THIS SPECIALLY PREPARED PROPOSAL  
IS FOR THE

## VILLAGE OF LOMBARD

Annual INDEPENDENCE DAY Celebration

MADISON MEADOWS PARK, ILLINOIS

MONDAY JULY 4th, 2022

*Only the finest selection of assorted types of display fireworks have been submitted in this proposal, with an EMPHASIS on Multiple Break, and Special Effect Display Barrages. Plus a complete line on oriental & imported pattern products from China, Japan, and Taiwan. Also included are the latest brilliant Colored Effects from the leading manufactures in the United States.*

**TOTAL PRICE \$42,000.00**

**INCLUDES THE FOLLOWING:**

25 – Minutes of Intense Presentation

Ten Million Dollars Liability Insurance.

Same Local Crew of Experienced, Licensed Pyrotechnic Operators to Deliver, Set-up, and Execute the entire Display Production.

Clean-up of the firing area immediately following the display.

Crew of operators covered under Workman's Compensation.

D.O.T. Certified drivers with Five Million Dollars road liability.

Rain dated at NO extra charge during 2022 year.

Choreographed Display Production.

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# MAD BOMBER

## FIREWORKS PRODUCTIONS

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**TOTAL PRICE \$35,000.00**  
**INCLUDES THE FOLLOWING:**

18 -20 Minutes of Intense Presentation

Ten Million Dollars Liability Insurance.

Same Local Crew of Experienced, Licensed Pyrotechnic Operators to Deliver, Set-up, and Execute the entire Display Production.

Clean-up of the firing area immediately following the display.

Crew of operators covered under Workman's Compensation.

D.O.T. Certified drivers with Five Million Dollars road liability.

Rain dated at NO extra charge during 2022 year.

Choreographed Display Production.

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# MAD BOMBER

## FIREWORKS PRODUCTIONS

KINGSBURY INDUSTRIAL PARK P.O. BOX 418 Kingsbury, IN 46345

11N485 HUNTER TRAIL \* ELGIN, IL 60124 \* (847)464-1442

VILLAGE OF LOMBARD FIRE DEPARTMENT  
LISTING OF SHELLS

At **MADISON MEADOWS PARK**

### TASTE OF LOMBARD JAYCEE'S CELEBRATION

Monday, JULY 4th, 2022 At 9:30 pm

RAIN DATE: T.B.A.

FIREWORKS 1.3G, UN0335, PGII

\$42,000

\$35,000

192 - 3" Shells

154 x 3"

150 - 4" Shells

120 x 4"

108 - 5" Shells

88 x 5"

36 - 6" Shells

36 x 6"

{	(900) 75 - 3" Finale Groups (75 x 12)	60 x 3" (780)
	(216) 6 - 2.5" Finale Boxes (6 x 36)	3 x 2.5" (108)

ENTIRE PROGRAM IS AN ELECTRONICALLY FIRED DISPLAY

MEETS N.F.P.A. #1123 DISTANCE REQUIREMENT OF 420 FEET

\* Multiple Shot Barrage Boxes, Exhibition Candles, Comets, and Floral Mines

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#### OS.F.M. LICENCEED PYROTECHNICIANS ASSIGNED:

LEAD Harley DeJong

#IL-06-O-00029-00139

Cell #630 212-1021 On Site\*

LEAD Dave Scofield

#IL-06-O-00029-00581

Cell # 630 835-2632 On Site\*

Request for (10) PARKING SPACES for Crew Assistants

# MAD BOMBER FIREWORKS PRODUCTIONS AGREEMENT

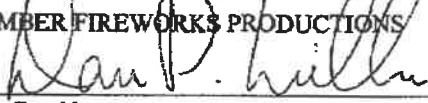
This contract entered into this 17th day of MARCH, 2022 by and between Mad Bomber Fireworks Productions of Kingsbury, Indiana hereinafter to as Seller, and VILLAGE OF LOMBARD 255 E. WILSON STREET LOMBARD, IL Herein after referred to as Buyer, of: VILLAGE OF LOMBARD. State Illinois 60148

Witness: Seller agrees to provide and Buyer agrees to purchase certain Fireworks Display in accordance with the Program. Buyer will pay Seller a sum of \$42,000 for said Display. Upon acceptance of this agreement Buyer will not pay Seller a sum of (waived) as an Earnest Money Deposit with the Balance due and payable within 30 days after the display date agreed upon. A late charge of 1 1/4% per month will be assessed on accounts not paid within thirty days of display date. Buyer agrees to pay any and all collection costs, including reasonable attorney's fees and court cost incurred by Seller in the collection or attempted collection of any amount due under this agreement and invoice.

Both Seller and Buyer mutually agree to the following terms, conditions, and stipulations:

1. Seller will present said Fireworks Display on the evening of the 4th day of JULY, 2022, it being understood that should there be inclement weather the day of the display the Seller has sole discretion to cancel display. An alternate display date will be given within six months of the original Display Date agreeable to both the Seller and Buyer.
2. The Fee for cancellation for any reason of the Fireworks Display is 40% of the agreement price if Buyer chooses to not select another Display Date within six months of the original Display Date.
3. Buyer will provide a sufficient area for the Display, including a minimum spectator set back of 420' feet at all points from the discharge area. Buyer will provide protection of the display by roping-off or other suitable means. Buyer will provide adequate police protection to prevent spectators from entering display area. Buyer agrees to search the fallout area at first light following a night display.
4. Seller reserves the right to terminate the Display in the event that persons enter the secured Danger Zone and Security is unable to secure the Danger Zone.
5. Seller agrees to provide Qualified Technicians to take charge of and present said Display.
6. Seller agrees to provide Liability Insurance in the amount of \$10,000,000.00 for the benefit of both the Buyer and Seller. All individual entities listed on the Certificate of Insurance will be deemed and additional insured per this contract..
7. Mad Bomber Firework Productions retains the right to substitute product of equal or greater value in the event of shortage. or unavailability of any particular item on the proposal.
8. Seller and Buyer agree to include Attachments, if any. See Attachments Electronically Fired Display \_\_\_\_\_ Display price does not include local fire protection permit fees. RAIN DATE: \_\_\_\_\_ 2022.

Both Seller and Buyer hereto do mutually and severally guarantee terms, conditions, and payments of this contract, these articles to be binding upon the parties, themselves, their heirs, executors, administrators, successors and assigns.

MAD BOMBER FIREWORKS PRODUCTIONS  
By   
Sr. Vice President

BUYER  
By \_\_\_\_\_  
(is duly authorized agent, who represents that he/she has full authority to bind the Buyer)

Date 03/17/2022

Date \_\_\_\_\_





# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
2/14/2022

**THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.**

**IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).**

<b>PRODUCER</b> Britton-Gallagher and Associates, Inc. One Cleveland Center, Floor 30 1375 East 9th Street Cleveland OH 44114		<b>CONTACT NAME:</b> PHONE /A/C No. Ext: 216-658-7100 FAX /A/C No: 216-658-7101 E-MAIL ADDRESS: info@brittongallagher.com															
<b>INSURED</b> Mad Bomber Fireworks Planet Productions 3999 E. Hupp Rd, Building R-3-1 La Porte IN 46350 #22-0048		<table border="1"> <thead> <tr> <th>INSURER (AFFORDING COVERAGE)</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Everest Indemnity Insurance Co.</td> <td>10851</td> </tr> <tr> <td>INSURER B : Everest Denali Insurance Company</td> <td>16044</td> </tr> <tr> <td>INSURER C : Liberty Mutual Insurance Co</td> <td></td> </tr> <tr> <td>INSURER D : Liberty Mutual Insurance Co</td> <td>25035</td> </tr> <tr> <td>INSURER E : Axis Surplus Ins Company</td> <td>26620</td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>		INSURER (AFFORDING COVERAGE)	NAIC #	INSURER A : Everest Indemnity Insurance Co.	10851	INSURER B : Everest Denali Insurance Company	16044	INSURER C : Liberty Mutual Insurance Co		INSURER D : Liberty Mutual Insurance Co	25035	INSURER E : Axis Surplus Ins Company	26620	INSURER F :	
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**COVERAGES**      **CERTIFICATE NUMBER: 148293586**      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.


INSR LTR	TYPE OF INSURANCE	ADDL SUBR (BRR L WND)	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC	Y	S18GL1480-321	2/4/2022	2/4/2023	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$500,000 MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COM/POP AGG \$2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		S18CA00186-221	2/4/2022	2/4/2023	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
E	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$		P-001-000243063-02	2/4/2022	2/4/2023	EACH OCCURRENCE \$4,000,000 AGGREGATE \$4,000,000 \$
C D D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in IRI) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	WCS386-714854-011 WCS-345-624913-030 WCS-345-311836-051	2/4/2022 2/4/2022 2/4/2022	2/4/2023 2/4/2023 2/4/2023	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER EL EACH ACCIDENT \$1,000,000 EL DISEASE - EA EMPLOYEE \$1,000,000 EL DISEASE - POLICY LIMIT \$1,000,000
A	Excess Liability #2		S18EX1319-221	2/4/2022	2/4/2023	Each Occ/ Aggregate \$5,000,000 Total Limits \$10,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)  
 Additional insured extension of coverage is provided by above referenced General Liability policy where required by written agreement.  
**VILLAGE OF LOMBARD and its officials, officers, agents, volunteers, and employees LOMBARD PARK DISTRICT**  
 on a primary & non-contributory basis.

<b>CERTIFICATE HOLDER</b> VILLAGE OF LOMBARD and its officials, officers, agents, volunteers, and employees 255 E. WILSON STREET LOMBARD, IL 60148	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
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cell# 630 212-1021

Harley DeJong  
Planet Productions  
3999 Hupp Road Bldg. R-3-1  
Kingsbury, IN 46345



Illinois Office of the State Fire Marshal  
Division of Fire Prevention  
**THIS IS TO CERTIFY THAT**  
**Harley DeJong**  
**Pyrotechnic Operator License**

Has completed all the requirements under the  
Pyrotechnic Distributor and Operator Act 225  
ILCS 227 and is employed by


Planet Productions

License #  
**IL06-O-00029-00139**

*Lawrence T. Markathis*  
Lawrence T. Markathis  
STATE FIRE MARSHAL

cell # 630 835-2632

David Scofield  
Planet Productions  
3999 Hupp Road Bldg. R-3-1  
Kingsbury, IN 46345



Illinois Office of the State Fire Marshal  
Division of Fire Prevention  
**THIS IS TO CERTIFY THAT**  
**David Scofield**  
**Pyrotechnic Operator License**

Has completed all the requirements under the  
Pyrotechnic Distributor and Operator Act 225  
ILCS 227 and is employed by

Planet Productions

License #  
**IL06-O-00029-00581**

*Lawrence T. Markathis*  
Lawrence T. Markathis  
STATE FIRE MARSHAL

### PERMIT TO PROCESS AND DISPLAY FIREWORKS

County DUPAGE State IL  
2022

TO WHOM IT MAY CONCERN: GREETINGS

Application having been made in accordance with the laws of the State of ILLINOIS,  
this permit is issued to VILLAGE OF LOMBARD, LOMBARD JAYCEE'S, TASTE OF LOMBARD

Giving them the right to exhibit display fireworks on the FOURTH day of JULY, 2022  
at 9:30 o'clock P.M. at MADISON MEADOWS PARK in said County, LOMBARD, IL  
in connection with TASTE OF LOMBARD 4TH JULY celebration.

SHERIFF OR CHIEF OF THE FIRE DEPARTMENT

**Mad Bomber Fireworks Productions**  
KINGSBURY INDUSTRIAL PARK

\_\_\_\_\_  
Signature of officer issuing permit

**TABLE 3-1.3 MINIMUM RADIUS OF DISPLAY SITE FOR OUTDOOR DISPLAY OF FIREWORKS.**

**SHELL SIZE**

3 INCH (76mm)	210 ft. (63 m)
4 INCH (102 mm)	280 ft. (85 m)
5 INCH (127 mm)	350 ft. (107 m)
6 INCH (152 mm)	420 ft. (128 m)
7 INCH (178 mm)	490 ft. (149 m)
8 INCH (203 mm)	560 ft. (170 m)
10 INCH (254 mm)	700 ft. (214 m)
12 INCH (305 mm)	840 ft. (256 m)
OVER 12 INCH	

**APPROVAL OF AUTHORITY HAVING JURISDICTION.**

**3-1.3.1 DISTANCE FROM HEALTH CARE AND PENAL FACILITIES SHALL BE AT LEAST TWICE THE DISTANCE SPECIFIED IN 3-1.2.**

**NOTE: SEE NFPA 101, LIFE SAFETY CODE, FOR DEFINITIONS OF HEALTH CARE AND PENAL FACILITIES.**

**EXCEPTION: WITH THE APPROVAL OF THE HEALTH CARE OR PENAL FACILITY, THIS REQUIREMENT SHALL BE WAIVED.**

**3-1.3.2 DISTANCES FROM BULK STORAGE AREAS OF MATERIALS THAT HAVE A FLAMMABILITY, EXPLOSIVE OR TOXIC HAZARD SHALL BE TWICE THAT REQUIRED BY TABLE 3-1.2.**

**NOTE: TO DETERMINE WHETHER MATERIALS ARE CONSIDERED TO POSSESS THESE HAZARDS, SEE NFPA 326M, FIRE HAZARD PROPERTIES OF FLAMMABLE LIQUIDS, GASES, AND VOLATILE SOLIDS, AND NFPA 49, HAZARDOUS CHEMICALS DATA.**

**3-2 DISCHARGE SITE**

**3-2.1 THE AREA SELECTED FOR THE DISCHARGE OF AERIAL SHELLS SHALL BE LOCATED SO THAT THE TRAJECTORY OF THE SHELLS SHALL NOT COME WITHIN 25 ft. (7.7 m) OF ANY OVERHEAD OBJECT.**

**3-2.2 GROUND DISPLAY PIECES SHALL BE LOCATED AT A MINIMUM DISTANCE OF 75 ft. (23 m) FROM SPECTATOR VIEWING AREAS AND PARKING AREAS.**

**EXCEPTION: FOR GROUND PIECES WITH GREATER HAZARD POTENTIAL (SUCH AS LARGE WHEELS WITH POWERFUL DRIVERS, ROMAN CANDLE BATTERIES, AND ITEMS EMPLOYING LARGE SALUTES) THE MINIMUM SEPARATION DISTANCES SHALL BE INCREASED TO 125 ft. (38 m).**

**3-2.3 WHEN THE MORTARS ARE POSITIONED VERTICALLY, THE MORTARS SHALL BE PLACED AT THE APPROXIMATE CENTER OF THE DISPLAY SITE.**