

GENERAL:
THE VA HAS ADOPTED THE LATEST EDITION OF THE FOLLOWING CODES AND STANDARDS

CODES, STANDARDS AND EXECUTIVE ORDERS

- VA DIRECTIVES, DESIGN MANUALS, MASTER SPECIFICATIONS, VA NATIONAL CAD STANDARD APPLICATION GUIDE, AND OTHER GUIDANCE ON THE TECHNICAL INFORMATION LIBRARY (TIL)
- INTERNATIONAL BUILDING CODE (IBC) (SEE NOTES BELOW)
- NFPA 101 LIFE SAFETY CODE (SEE NOTES BELOW)
- NFPA NATIONAL FIRE CODES WITH EXCEPTION OF NFPA 5000 AND NFPA 900
- OCCUPATIONAL, SAFETY AND HEALTH ADMINISTRATION (OSHA) STANDARDS
- VA SEISMIC DESIGN REQUIREMENTS, H-18-8
- NATIONAL ELECTRICAL CODE (NEC)
- NATIONAL STANDARD PLUMBING CODE (NSPC)
- ASME BOILER AND PRESSURE VESSEL CODE
- ASME CODE FOR PRESSURE PIPING
- UNIFORM FEDERAL ACCESSIBILITY STANDARDS (UFAS) INCLUDING VA SUPPLEMENT BARRIER FREE DESIGN
- BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE, AMERICAN CONCRETE INSTITUTE AND COMMENTARY (ACI 318)

- MANUAL OF STEEL CONSTRUCTION, LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS, AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)
- ENERGY POLICY ACT OF 2005 (EPAct)
- DOE INTERIM FINAL RULE: ENERGY CONSERVATION STANDARDS FOR NEW FEDERAL, COMMERCIAL AND MULTI-FAMILY HIGH-RISE RESIDENTIAL BUILDINGS AND NEW LOW-RISE RESIDENTIAL BUILDINGS, 10 CFR PARTS 433,434 AND 435
- FEDERAL LEADERSHIP IN HIGH PERFORMANCE AND SUSTAINABLE BUILDINGS: MEMORANDUM OF UNDERSTANDING (MOU)
- EXECUTIVE ORDER 13423: STRENGTHENING FEDERAL ENVIRONMENTAL, ENERGY, AND TRANSPORTATION MANAGEMENT
- THE PROVISIONS FOR CONSTRUCTION AND SAFETY SIGNS. STATED IN THE GENERAL REQUIREMENTS SECTION 01010 OF THE VA MASTER CONSTRUCTION SPECIFICATION
- VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY — ASHRAE STANDARD 62.1-2004
- SAFETY STANDARD FOR REFRIGERATION SYSTEMS — ASHRAE STANDARD 15 -2007
- VA FIRE PROTECTION DESIGN MANUAL

LOCAL CODES:
AS AN AGENCY OF THE FEDERAL GOVERNMENT, VA IS NOT SUBJECT TO LOCAL IMPOSITION OF CODE ENFORCEMENT PROCEDURES (DRAWING REVIEWS, BUILDING PERMITS, INSPECTIONS, FEES, ETC.) VA MUST FUNCTION AS THE AUTHORITY HAVING JURISDICTION (AHJ) AND THUS HAS THE RESPONSIBILITY TO GUARD PUBLIC HEALTH AND SAFETY THROUGH ENFORCEMENT OF ITS ADOPTED CODES. HOWEVER, LOCAL AUTHORITIES SHOULD BE NOTIFIED ABOUT PLANNED PROJECTS AND GIVEN THE OPPORTUNITY TO REVIEW DRAWINGS PROVIDED THAT VA DOES NOT PAY FOR REVIEW OR INSPECTION FEES.

NOTES:

1. NFPA 101 PRIMARILY ADDRESSES LIFE SAFETY AND FIRE PROTECTION FEATURES WHILE THE IBC ADDRESSES A WIDE RANGE OF CONSIDERATIONS, INCLUDING, BUT NOT LIMITED TO, STRUCTURAL STRENGTH, SEISMIC STABILITY, SANITATION, ADEQUATE LIGHT AND VENTILATION, AND ENERGY CONSERVATION. VA BUILDINGS MUST MEET THE REQUIREMENTS OF NFPA 101 AND DOCUMENTS REFERENCED BY NFPA 101 IN ORDER TO COMPLY WITH THE ACCREDITATION REQUIREMENTS OF THE JOINT COMMISSION. THEREFORE, DESIGNS SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF NFPA 101 AND DOCUMENTS REFERENCED THEREIN. DESIGN FEATURES NOT ADDRESSED BY NFPA 101 OR DOCUMENTS REFERENCED THEREIN SHALL COMPLY WITH THE REQUIREMENTS OF THE LATEST EDITION OF THE IBC OR AS OTHERWISE ADDRESSED ABOVE IN THIS PROGRAM GUIDE. FOR DESIGN FEATURES THAT ARE ADDRESSED BY BOTH THE IBC AS WELL AS NFPA 101 OR A DOCUMENT REFERENCED BY THE NFPA 101, THE REQUIREMENTS OF THE NFPA 101 OR THE DOCUMENT REFERENCED BY THE NFPA 101 SHALL BE USED EXCLUSIVELY (THIS APPLIES EVEN IF THE IBC REQUIREMENTS ARE DIFFERENT).

2. CONFLICTS BETWEEN NATIONALLY RECOGNIZED CODES AND STANDARDS AND VA REQUIREMENTS SHOULD NOT EXIST. IF A CONFLICT DOES EXIST BETWEEN VA REQUIREMENTS AND NATIONALLY RECOGNIZED CODES AND STANDARDS, THE CONFLICT SHALL BE BROUGHT TO THE ATTENTION OF THE VA. THE RESOLUTION OF THE CONFLICT SHALL BE MADE BY THE AUTHORITY HAVING JURISDICTION FOR THE VA TO ENSURE A CONSISTENCY SYSTEM WIDE.

3003 STORAGE BUILDING — 4712 S.F.

NFPA 101 42.1.1.2 STORAGE OCCUPANCIES SHALL INCLUDE ALL BUILDINGS OR STRUCTURES USED PRIMARILY FOR THE STORAGE OR SHELTERING OF GOODS, MERCHANDISE, PRODUCTS, VEHICLES OR ANIMALS

NFPA 101 42.8.1.6 MINIMUM CONSTRUCTION REQUIREMENTS (NO REQUIREMENTS)

IBC 311.3 LOW HAZARD GROUP S-2 PARKING GARAGES ENCLOSED

IBC 406.4 ENCLOSED PARKING GARAGES LIMITED BY TABLE 503

IBC TABLE 503 S-2 LIMITATIONS TYPE VB: STORIES — 2 AREA — 13,500 S.F.

FIRE SPRINKLERS

IBC 903.2.10 GROUP S-2 ENCLOSED PARKING GARAGES

- FIRE SPRINKLERS NOT REQUIRED AS AREA IS LESS THAN 12,000S.F.
- FIRE SPRINKLER WAIVED BY AHJ.

OCCUPANCY LOAD

NFPA 101 TABLE 7.3.1.2 NOT APPLICABLE

NFPA 101 42.8.1.7 OCCUPANT LOAD — NO REQUIREMENTS

FIRE EXTINGUISHERS — PORTABLE

NFPA 10 5.2.2 CLASS B FLAMMABLE LIQUIDS

5.2.3 CLASS C ENERGIZED ELECTRICAL EQUIPMENT

TABLE 6.3.1.1 — CLASS B 20-B MAX. TRAVEL DISTANCE TO EXTINGUISHER 50 FEET

INTERIOR WALL AND CEILING FINISH

NFPA 101 42.3.3.2 INTERIOR WALL AND CEILING FINISH MATERIALS COMPLYING WITH SECTION 10.2 SHALL BE CLASS A, CLASS B, OR CLASS C IN STORAGE AREAS AND SHALL BE AS REQUIRED BY 7.1.4

INTERIOR FLOOR FINISH

NFPA 101 42.3.3.3.1 INTERIOR FLOOR FINISH IN EXIT ENCLOSURES SHALL NOT BE LESS THAN CLASS II

42.3.3.3.2 INTERIOR FLOOR FINISH IN AREAS OTHER THAN THOSE SPECIFIED IN 42.3.3.3.1 SHALL NOT BE REQUIRED TO COMPLY WITH SECTION 10.2

EGRESS

NFPA 101 TABLE 42.2.6 ORDINARY HAZARD — NOT PROTECTED — TRAVEL DISTANCE TO EXITS — 200FT.

NFPA 101 42.2.4.1 THE NUMBER OF MEANS OF EGRESS SHALL BE AS FOLLOWS:

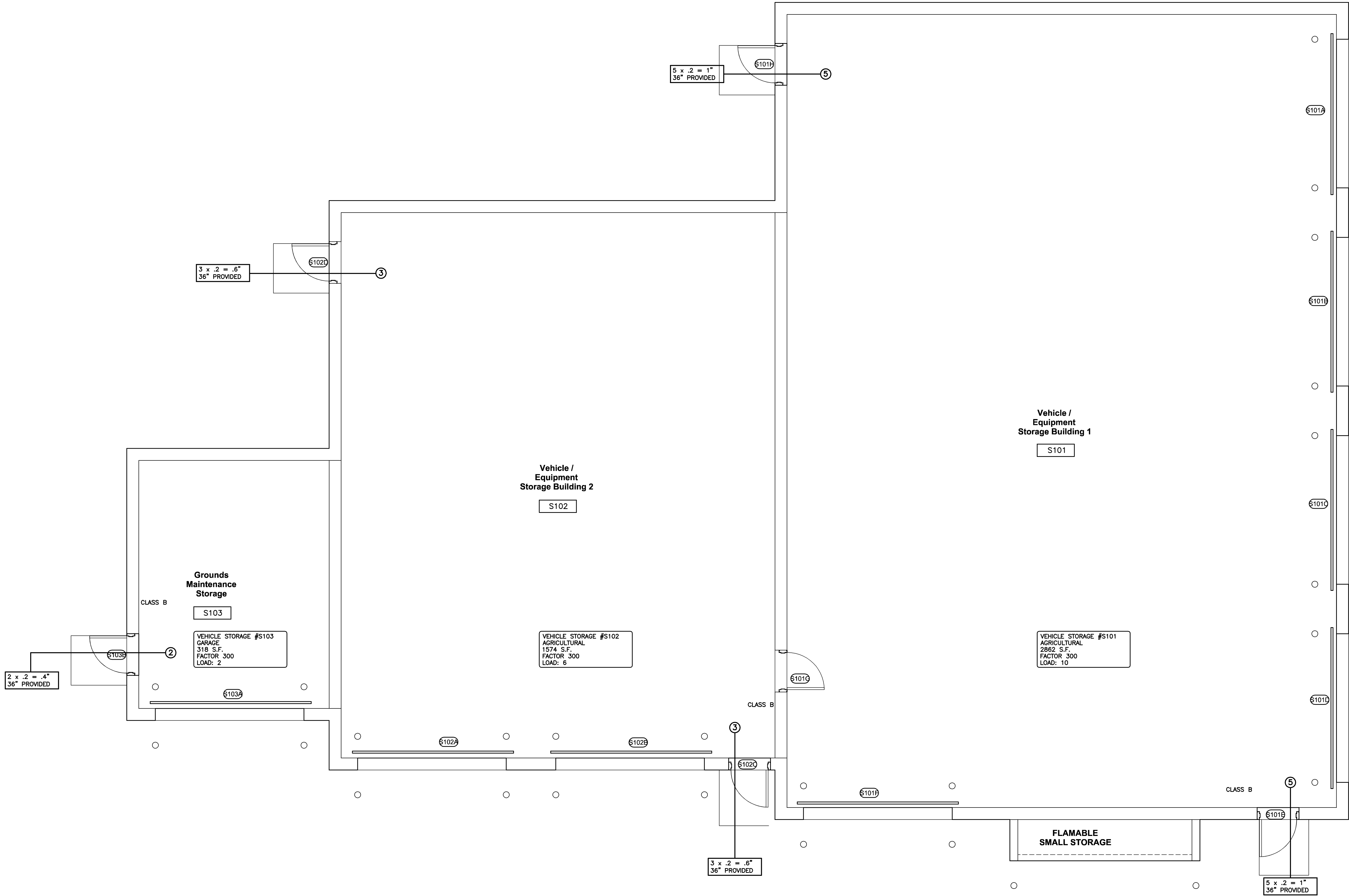
(2) IN ORDINARY HAZARD STORAGE A SINGLE MEANS OF EGRESS SHALL BE PERMITTED FROM ANY STORY OR SECTION, PROVIDED THAT THE EXIT CAN BE REACHED WITHIN THE DISTANCE PERMITTED AS A COMMON PATH OF TRAVEL.

NFPA 101 TABLE 42.2.5 ARRANGEMENTS OF MEANS OF EGRESS — COMMON PATH OF TRAVEL ORDINARY HAZARD STORAGE OCCUPANCY — NO PROTECTION — 50 FEET

BUILDING SEPARATION

IBC TABLE 602 AND 705.8

- BUILDING 3003 (VEHICLE STORAGE) IS MORE THAN 30 FEET FROM BUILDING 3002 (MAINTENANCE), BUILDING 1001 (ADMINISTRATION) AND THE LOT LINE.



1 VEHICLE/EQUIPMENT STORAGE BUILDING — CODE REVIEW PLAN
A-3003 SCALE: 1/4"=1'-0"

Anderson Engineering of Minnesota, LLC

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TEL (763) 412-4000 FAX (763) 412-4090
www.ae-mn.com



NATIONAL
CEMETERY
ADMINISTRATION

Drawing Title
VEHICLE STORAGE BUILDING
CODE REVIEW PLAN

Approved: Director, Office of Construction Management

Approved: Director, Project Management Service

Project Title
REPLACE ADMINISTRATION AND
MAINTENANCE BUILDING
AND SITE IMPROVEMENTS

Building Number

Location EAGLE POINT NATIONAL CEMETERY
2763 RILEY ROAD
EAGLE POINT, OR 97524

Date
7-1-2011

Project No.
906CM3009

DRAWING NO.

A-3003-1.1

Dwg. 147 DF 181