SHEET NO.	SHEET ID	SHEET TITLE	NAVFAC DWG NO.
1	G-001	TITLE SHEET	12905820
2	S-001	GENERAL NOTES - 1	12905821
3	S-002	GENERAL NOTES - 2	12905822
4	S-003	STANDARD DETAILS	12905823
5	S-101	FOUNDATION / FLOOR PLAN	12905824
6	S-102	BRIDGE CRANE AND CANOPY FRAMING PLAN	12905825
7	S-103	ROOF FRAMING PLAN	12905826
8	S-104	FOUNDATION DRAINAGE PLAN	12905827
9	S-201	BUILDING ELEVATIONS -1	12905828
10	S-202	BUILDING ELEVATIONS - 2	12905829
11	S-203	RETAINING WALL ELEVATIONS	12905830
12	S-204	FRONT WALL PARTIAL ELEVATIONS	12905831
13	S-205	FRONT WALL PARTIAL ELEVATION AND DETAILS	12905832
14	S-206	BUILDING ELEVATIONS - 3	12905833
15	S-301	BUILDING SECTIONS	12905834
16	S-302	WALL SECTIONS - 1	12905835
17	S-303	WALL SECTIONS - 2	12905836
18	S-304	WALL SECTIONS - 3	12905837
19	S-401	ENLARGED TRENCH PLAN	12905838
20	S-402	ENLARGED CANOPY FRAMING PLAN	12905839
21	S-403	ENLARGED PLAN VIEW RETAINING WALL	12905840
22	S-501	DOOR GUIDE AND CANOPY DETAILS	12905841
23	S-502	PILASTER AND BOUNDARY ELEMENTS REINF DETAILS	12905842
24	S-503	DOOR, TRENCH AND COVER DETAILS	12905843
25	S-504	DOOR, STOP, PLOW AND TRENCH DETAILS	12905844
26	S-505	SECURITY PILASTER DETAILS	12905845
27	S-701	SECURITY PILASTER DETAILS	12905846
28	S-702	DOOR ELEVATION, NOTES AND SCHEDULES	12905847
29	S-703	DOOR ELEVATION AND DETAILS	12905848
30	S-704	DOOR DETAILS	12905849
31	S-705	AIR INTAKE SECTIONS AND DETAILS	12905850
32	S-706	VENTILATOR DETAILS, SECTIONS AND ELEVATIONS	12905851

SHEET NO.	SHEET ID	SHEET TITLE	NAVFAC DWG NO
33	E-001	ELECTRICAL SYMBOLS & LEGEND	12905852
34	E101A	ELECTRICAL FLOOR PLAN	12905853
35	E101B	ELECTRICAL FLOOR PLAN	12905854
36	EG101A	ELECTRICAL GROUNDING PLAN	12905855
37	EG101B	ELECTRICAL GROUNDING PLAN	12905856
38	EG201	ELECTRICAL LIGHTING ZONE PROTECTION ELEVATION	12905857
39	EG202	ELECTRICAL LIGHTING ZONE PROTECTION ELEVATION	12905858
40	E-501	ELECTRICAL DETAILS	12905859
41	E-502	ELECTRICAL DETAILS	12905860
42	E-503	ELECTRICAL DETAILS	12905861
43	E-504	ELECTRICAL DETAILS	12905862
44	E-505	ELECTRICAL DETAILS	12905863
45	E-506	ELECTRICAL DETAILS	12905864
46	E-601	ELECTRICAL ONE-LINE	12905865
47	E-602	ELECTRICAL SCHEDULES	12905866
48	T101A	TELECOMMUNICATION FLOOR PLAN A	12905867
49	T101B	TELECOMMUNICATION FLOOR PLAN B	12905868
50	T-501	TELECOMMUNICATION DETAILS	12905869
51	T-601	TELECOMMUNICATION AND SECURITY RISER DIAGRAM	12905870

DEPARTMENT OF DEFENSE EXPLOSIVES SAFETY BOARD (DDESB) APPROVAL NOTES:

- 1. THIS STANDARD IS APPROVED BY THE DEPARTMENT OF DEFENSE EXPLOSIVE SAFETY BOARD (DDESB) AS A 7-BAR EARTH COVERED MAGAZINE AND MAY BE SITED AS AN EXPOSED SITE MAGAZINE FROM OTHER POTENTIAL EXPLOSION SITES STORING UP TO 500,000 LBS HAZARD DIVISION 1.1 EXPLOSIVES.
- 2. THE DESIGN AND DETAILING OF THIS STANDARD MAGAZINE FOR BLAST LOADING IS THE SOLE RESPONSIBILITY OF THE GOVERNMENT. THE GOVERNMENT IS THE ENGINEER OF RECORD FOR THE BLAST DOOR.
- ANY DEVIATION FROM THESE STANDARD DRAWINGS, EXCEPT FOR FOUNDATION MODIFICATIONS, WITHOUT THE WRITTEN APPROVAL FROM THE DEPARTMENT OF DEFENSE EXPLOSIVE SAFETY BOARD (DDESB) MAY REQUIRE THE MAGAZINE TO BE CONSIDERED AN UNDEFINED MAGAZINE AND MAY SEVERELY RESTRICT THE ALLOWABLE STORAGE CAPACITY.

DES JAF DRW SFF CHK TPH CONTAINERIZED LONG WEAPONS STORAGE NAVY EARTH COVERED MAGAZINE CONSTR. CONTR. NO. SHEET **1** OF **51** G-001

E. SITE CLASS:

5. SNOW DESIGN DATA: A. GROUND SNOW LOAD: B. EXPOSURE FACTOR: 1.0 PSF C. IMPORTANCE FACTOR: 1.10 D. THERMAL FACTOR: 1.2

6. EXPLOSIVE SAFETY DESIGN LOADS: A. EXPLOSIVE SAFETY DESIGN LOADS FOR DOOR AND ROOF OF MAGAZINES ARE PRESCRIBED BY NAVFAC EXWC. DESIGN GUIDANCE IS PROVIDED BY

UFC 3-340-02 2008. B. TRIANGULAR PULSE LOAD VALUES BASED ON NAVFAC EXWC - DESIGNED CRITERIA: CONTAINERIZED LONG WEAPONS STORAGE EARTH COVERED MAGAZINES, DATED NOVEMBER 2019:

PEAK PRESSURE IMPULSE DURATION 2,119 PSI-MS 14.08 MS ROOF HEAD WALL AND DOOR 301 PSI 176.3 PSI 1,640 PSI-MS 18.60 MS

C. APPROVED LOCATION AND STORAGE CAPACITY OF EACH ECM MUST BE DETERMINED BY THE SAFETY OFFICER BASED ON ORIENTATION AND PROXIMITY RELATIVE TO NEARBY FACILITIES/MAGAZINES.

OFFICER PRIOR TO PLACING THE REINFORCING AND CONCRETE.

12. SHALLOW FOOTING FOUNDATIONS MUST BE PLACED AND INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION DRAWINGS AND SPECIFICATIONS PREPARED FOR THE PROJECT.

13. FOUNDATION BACKFILL AND UTILITY TRENCH BACKFILL WITHIN BUILDING AREA MUST BE MECHANICALLY COMPACTED IN LAYERS PER THE SPECIFICATIONS TO THE APPROVAL OF THE CONTRACTING OFFICER. FLOODING WILL NOT BE

14. NEW FOUNDATIONS MUST BEAR ON APPROVED, UNDISTURBED, NATURAL SUBGRADE SOILS OR ON PROPERLY COMPACTED AND APPROVED FILL MATERIALS PLACED DIRECTLY ABOVE APPROVED SUBGRADES AS INDICATED IN CONSTRUCTION DRAWINGS AND SPECIFICATIONS.

FOUNDATION CRITERIA INDICATED IN THE GENERAL NOTES WHENEVER POSSIBLE. IF LOCAL SOILS MEETING SPECIFIED REQUIREMENTS ARE NOT AVAILABLE, SEE NOTES TO DESIGNER #8.

THE SITE ADAPT ENGINEER MUST CONDUCT A SITE-SPECIFIC GEOTECHNICAL INVESTIGATION FOR EACH MAGAZINE INSTALLATION. THE SITE ADAPT ENGINEER MUST COORDINATE THE FOUNDATION SYSTEMS, SELECTION OF FILL, SUBGRADE PREPARATION, AND COMPACTION REQUIREMENTS SHOWN IN THE STANDARD DRAWINGS WITH THE RECOMMENDATIONS FROM THE GEOTECHNICAL REPORT AND IMPLEMENT THEM INTO THE DRAWINGS AND SPECIFICATIONS.

SPECIFIED EARTH COVER MATERIALS IN THE FOUNDATION GENERAL NOTES ARE MORE STRINGENT THAN WHAT IS REQUIRED BY DESR 6055.09 AND WHAT HAS BEEN SPECIFIED FOR PREVIOUS MAGAZINE DESIGNS. THE SITE ADAPT ENGINEER MUST EVALUATE THE LOCAL AVAILABILITY OF SPECIFIED EARTH COVER MATERIALS. THE SITE ADAPT ENGINEER MAY SELECT ALTERNATIVE EARTH COVER MATERIALS, BUT THE MATERIAL MUST AT LEAST MEET REQUIREMENTS OF DESR 6055.09 AND THE MAGAZINE STRUCTURE MUST BE EVALUATED AS PART OF THE SITE ADAPT DESIGN FOR SPECIFIC SOIL PROPERTIES. THE ALTERNATIVE EARTH COVER MATERIAL SELECTED BY THE SITE ADAPT ENGINEER MUST STILL FALL IN THE 100-120 PCF DENSITY RANGE.

THE CONTRACTOR MUST PERFORM A GEOTECHNICAL INVESTIGATION ON SITE TO CONFIRM THE SOIL CONDITION PRIOR TO COMMENCING FOUNDATION WORK. THE FOUNDATION DESIGN AND CRITERIA MUST BE MODIFIED TO REFLECT SOIL CONDITIONS AND SITE SPECIFIC SOIL CONDITIONS AND ALLOWABLE BEARING PRESSURE AS DETERMINED BY THE SITE ADAPTATION GEOTECHNICAL REPORT

. THE MAGAZINE SIDE WALLS AND WING WALLS AND CONNECTIONS HAVE BEEN DESIGNED FOR 2:1 SLOPE. THIS SLOPE CANNOT BE CHANGED UNLESS CALCULATIONS ARE PERFORMED TO ANALYZE ALL AFFECTED ELEMENTS. IF ANY ELEMENT IS MODIFIED, ENDORSEMENTS AND APPROVAL ARE REQUIRED FROM NAVFAC ATLANTIC, NAVFAC EXWC, NOSSA, AND DDESB.

OR COMMANDER NAVFAC ATISFACTORY TO DATE JAF IDRW SFF ICHK TP RANCH MANAGER

HIEF ENG/ARCH IRE PROTECTION

S

 \exists \Box 回回 $\geq \overline{\mathbb{Z}}$ ā IZED ARTF ENG

ROJECT NO.: 1644867 ONSTR. CONTR. NO.

STRUCTURAL STEEL NOTE 4C.

CONTINUOUS FILLET WELD.

CONNECTIONS UNLESS OTHERWISE DETAILED.

C. ALL OTHER STRUCTURAL STEEL INCLUDING CANOPY FRAMING MUST BE HOT DIP GALVANIZED PER ASTM A123 AND COATED A MINIMUM DRY FILM THICKNESS

a. PRIMER COAT: SOLVENT-BASED TWO COMPONENT EPOXY ANTI-CORROSIVE

b. INTERMEDIATE COAT: HIGH SOLIDS EPOXY COATING (3-5 MILS). MPI #108.

c. TOP COAT: HIGH SOLIDS POLYURETHANE COATING (3-5 MILS). MPI #72.

D. GALVANIZE STRUCTURAL STEEL AFTER FABRICATION WHERE PRACTICAL. REPAIR

DAMAGED GALVANIZED COATING USING ASTM A780 ZINC-RICH PAINT. FIELD

CUTTING OF ANY HOT-DIP GALVANIZED HARDWARE IS NOT PERMITTED.

5. REPAIR ABRADED AND RUSTED SHOP PAINT WITH SAME PAINT AS SPECIFIED IN

6. WELDING MUST COMPLY WITH THE "STRUCTURAL WELDING CODE - STEEL" (AWS

WELD ELECTRODES MUST BE E70XX FOR STEEL AND E308L FOR STAINLESS

A380. UNLESS OTHERWISE NOTED, MINIMUM WELD SIZE MUST BE 1/4 INCH

7. UNLESS OTHERWISE NOTED WELD ALL SHOP CONNECTIONS AND BOLT ALL FIELD

CONNECTIONS. THE FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF ALL

D1.1) AND THE "STRUCTURAL WELDING CODE - STAINLESS STEEL" (AWS D1.6).

STEEL. PASSIVATION OF STAINLESS STEEL WELDS MUST BE PERFORMED PER ASTM

(DFT) OF 12 MILS IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

PRIMER (3-5 MILS), MPI (THE MASTER PAINTERS INSTITUTE) #101.

12905821 **2** of **51**

AVFAC DRAWING NO

LIGHTWEIGHT CONCRETE:

THE FOLLOWING MIX DESIGN AND CONCRETE MATERIAL PROPERTIES MUST BE USED FOR THE LIGHTWEIGHT CONCRETE LAYER IN THE HIGH SECURITY DOOR:

LIGHTWEIGHT CONCRETE MIX DESIGN									
MATERIAL	AMOUNT	UNIT	SPECIFIC GRAVITY	ASTM					
LIGHTWEIGHT AGGREGATE	1530	lb	1.38	C331					
CEMENT TYPE II	721	lb	3.15	C150					
WATER	315	lb	1	C1602					
SILICA FUME	82	lb	2.2	C1240					
SUPERPLASTICIZER - TYPE A	8	oz*	1.27	C494					
SYNTHETIC FIBERS - TYPE III	0.70	lb	0.855	C1116					
TOTAL VOLUME	27	ft ³							

TOTAL VOLUME oz*/ 100lb OF CEMENTITIOUS MATERIAL

LIGHTWEIGHT CONCRETE MATERIAL PROPERTY REQUIREMENTS						
PROPERTY	AMOUNT	UNIT	ASTM			
SLUMP	2 + 1/4	in	C143			
MINIMUM DENSITY — UNIT WEIGHT	115	lb/ ft ³	C138			
STRENGTH (28 DAY MINIMUM)	4000	psi	C78			

- 2. LIGHTWEIGHT AGGREGATES MUST BE DRY.
- 3. ADJUST WATER AMOUNT TO +/- 0.5 Ib SO THAT MIX HOLDS SHAPE WHEN FORMED INTO A BALL IN THE HAND.
- 4. MIX CAN BE SPLIT FOR VOLUME NEEDED.
- MIX PROCEDURE
- A. WEIGH OUT ALL MATERIALS.
- B. IN A SEPARATE CONTAINER, COMBINE AND MIX HALF OF WATER, PLASTICIZER AND ALL FIBERS.
- C. IN ANOTHER SEPARATE CONTAINER, COMBINE AND MIX SILICA FUME AND CEMENT.
- D. POUR WATER WITH PLASTICIZER AND ALL FIBERS INTO MIXER.
- E. POUR LIGHTWEIGHT FINE AGGREGATE INTO MIXER. F. SLOWLY ADD SILICA FUME AND CEMENT TO MIXER.
- G. ADD REMAINING WATER ADJUSTING AS NECESSARY (NOTE 3).
- H. ALLOW TO MIX FOR AT LEAST 10 MINUTES. I. WHEN MIX IS READY, POUR INTO DOOR CAVITIES OVER REBAR, TO PRESCRIBED DEPTH, ENSURE MIX
- FILLS ALL AREAS BEHIND REBAR, VIBRATE AS NECESSARY, NO VOIDS ALLOWED. 6. ALLOW CONCRETE TO CURE FOR 14 DAYS BEFORE MOVING DOOR AND 28 DAYS BEFORE WELDING
- FRONT PANELS ONTO DOOR.
- 7. QUESTIONS CAN BE REFERRED TO NAVFAC EXWC DOD LOCK PROGRAM, AND SECURITY, ENGINEERING DIV SH22.

STEEL DECK

- 1. THE DESIGN, FABRICATION, ERECTION OF METAL DECKING MUST BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE SDI SPECIFICATIONS AND THE SDI DIAPHRAGM MANUAL
- 2. STEEL ROOF DECK AND SIDING IS 1 1/2" x 18 GAUGE FACTORY-FINISHED DESIGNED FOR THE DEAD AND LIVE LOADS INDICATED.
- 3. STEEL ROOF DECK AND SIDING MUST BE ATTACHED TO SUPPORTS WITH #14 STAINLESS STEEL SCREWS AND WASHERS AT EA VALLEY (MINIMUM 5 PER PANEL). USE 1/4-INCH BUTYL TAPE TO SEAL 1. THE BLAST DOOR MANUFACTURER MUST BE SOLELY RESPONSIBLE FOR INSTALLATION AND ERECTION OF
- 4. THE PLANS INDICATE DECK SPAN DIRECTION.
- 5. SUSPENDED CEILINGS, LIGHT FIXTURES, DUCTS, AND OTHER UTILITIES MUST NOT BE SUPPORTED FROM THE STEEL DECK.
- 6. STEEL DECK MUST CONFORM TO THE COATINGS FOR STRUCTURAL STEEL PROVIDED ON SHEET

MECHANICAL MATERIALS

- 1. LOUVERS MUST BE CONSTRUCTED OF 16 GAUGE GALVANIZED STEEL WITH 4" DEEP FRAME. BLADES MUST BE 16 GAGE GALVANIZED STEEL POSITIONED AT APPROXIMATELY 37.5 DEGREES DOWN FROM THE HORIZONTAL AND SPACED APPROXIMATELY 6" ON CENTER. SCREEN MUST BE 19 GAUGE GALVANIZED 1/4" MESH. APPROXIMATELY 50% FREE AREA.
- 2. VENTILATORS MUST BE CONSTRUCTED OF MINIMUM 24 GAUGE GALVANIZED STEEL AND MUST BE DESIGNED FOR A SUSTAINED WIND SPEED OF 132 MPH.
- 3. FIRE DAMPER FUSIBLE LINKS MUST HAVE A MELTING POINT OF 160 TO 165 DEGREES FAHRENHEIT. BREAKING STRENGTH MUST BE SUITABLE FOR LOADS IMPOSED BY COUNTERWEIGHTS.
- 4. PIPE FLANGE GASKETS MUST BE OF NON-ASBESTOS MATERIAL IN ACCORDANCE WITH ASME B16.21. GASKETS MUST BE FLAT, 1/16 INCH THICK, AND CONTAIN ARAMID FIBERS BONDED WITH STYRENE BUTADIENE RUBBER. FLANGE FASTENERS MUST BE TYPE 316 STAINLESS STEEL.

DOOR COATINGS:

- 1. ALL COATINGS AND INSTALLATION OF COATINGS MUST COMPLY WITH:
- A. UFGS 09 97 13.27. B. SHOP COATINGS: SSPC (THE SOCIETY OF PROTECTIVE COATINGS) QP3.
- FIELD COATINGS: SSPC QP1 + QS1.
- D. COLOR: LIGHT GRAY.
- 2. SURFACE PREPARATION: A. REMOVE SLAG FROM ALL WELDING SURFACES PRIOR TO CLEANING IN ACCORDANCE WITH NACE SP0178. B. SOLVENT CLEAN SURFACE TO BE COATED PRIOR TO ABRASIVE BLASTING IN ACCORDANCE WITH SSPC SP1. C. DRY ABRASIVE BLAST TO NEAR WHITE FINISH IN ACCORDANCE WITH SSPC SP10. BLAST PROFILE MUST BE 1-3 MILS TOOTH HEIGHT.
- A. TOTAL COATING DRY FILM THICKNESS (DFT): 12 MILS.
- B. PRIMER COAT: ABRASION RESISTANT INORGANIC ZINC SILICATE PRIMER (3-5 MILS). SSPC PAINT 20, TYPE IC, LEVEL 1, WITH AT LEAST 85% ZINC IN DRY FILM.
- C. INTERMEDIATE COAT: HIGH SOLIDS EPOXY COATING (3-5 MILS). MPI #108. D. TOP COAT: HIGH SOLIDS POLYURETHANE COATING (3-5 MILS). MPI #72.
- 4. ALL SURFACES OF ALL DOOR COMPONENTS MUST BE SOLVENT CLEANED, DRY ABRASIVE BLASTED, AND ZINC RICH PRIMER COATED. PRIOR TO FULLY ASSEMBLING OR FABRICATING DOOR, CLEAN AND PRIMER SURFACES THAT WILL BECOME INACCESSIBLE AFTER DOOR IS ASSEMBLED. THE DOOR MUST NOT BE GALVANIZED. EPOXY INTERMEDIATE AND POLYURETHANE TOP COATS MUST BE APPLIED TO ALL EXTERIOR SURFACES OF THE

ELECTRICAL BONDING & GROUNDING

- 1. ALL STEEL LOUVERS, VENTILATORS, DOORS AND FRAMES MUST BE ELECTRICALLY BONDED TO THE MAGAZINE REINFORCING CAGE.
- 2. ALL STRUCTURAL AND MISCELLANEOUS ITEMS EMBEDDED IN CONCRETE MUST BE ELECTRICALLY BONDED TO THE REINFORCING CAGE BY WIRE TIES.
- THE REINFORCING CAGE MUST BE MADE ELECTRICALLY CONTINUOUS BY WIRE TIES AT A MINIMUM OF 48 INCH ON CENTERS IN EVERY DIRECTION, REFER TO DETAIL A1 ON DRAWING E-504.
- 4. ALL WALLS AND CONSTRUCTION JOINTS MUST BE ELECTRICALLY BONDED. SEE THE ELECTRICAL DRAWINGS FOR DETAILS.
- 5. ALL STRUCTURAL STEEL AND REINFORCING STEEL MUST BE GROUNDED TO THE SECONDARY GROUND. SEE THE ELECTRICAL DRAWINGS FOR DETAILS.
- 6. BURIED OR EMBEDDED ITEMS MUST BE DOCUMENTED WITH PHOTOS AT INTERVALS OF 20 FEET.

PLUMBING MATERIALS

- 1. FLOOR DRAIN FIXTURES MUST CONSIST OF A CAST IRON BODY, NICKEL BRONZE ADJUSTABLE TOP, 6" ROUND STRAINER, FLASHING COLLAR, SURFACE MEMBRANE CLAMP, AND DEEP SEAL TRAP. PROVIDE WITH BARRIER-TYPE TRAP SEAL PROTECTION DEVICE CONFORMING TO ASSE 1072 WHERE CONNECTING TO SANITARY SEWER SYSTEM.
- 2. UNDERGROUND DRAINAGE PIPING MUST CONSIST ASTM D2665 SCH 40 PVC SOLID CORE PIPING WITH DWV PATTERN FITTINGS. PERFORATED DRAIN PIPING MUST INCLUDE 1/2" HOLES SPACED 5" O.C. IN TWO ROWS 120 DEGREES APART PER ASTM D2729. ALL PERFORATED DRAIN PIPING MUST BE INSTALLED WITH HOLES FACING DOWN.
- 3. PREFABRICATED TRENCH DRAINS MUST BE 6" WIDE, SHALLOW, PRECAST POLYESTER CONCRETE CHANNEL OF INTERLOCKING DESIGN. 3" OUTLETS. DUCTILE IRON EDGE RAIL AND EXTRA HEAVY DUTY, DIN19580 LOAD CLASS E DUCTILE IRON SLOTTED TOP GRATE FASTENED TO RAIL. GRATE SLOTS MUST BE NO WIDER THAN 1/4" OR PROVIDE STAINLESS STEEL MESH SCREEN FASTENED TO BOTTOM OF GRATES. MESH OPENINGS MUST BE NO LARGER THAN 1/4" TO MITIGATE RODENT ENTRY.

BLAST DOOR NOTES:

- THE BLAST DOOR.
- 2. THE DOOR MANUFACTURER MUST COMMENCE A SHOP DEMONSTRATION OF EACH DOOR IN THE PRESENCE OF A GOVERNMENT OFFICIAL, CONSISTING OF A SUCCESSFUL CYCLE OF OPENING AND CLOSING THE DOOR BY CONTROLS, OPENING AND CLOSING OF TRENCH PLATES BY DOOR PLOWS AND ALIGNMENT OF DOOR IN SECURITY PILASTER. DEMONSTRATION MUST BE A MINIMUM OF HALF THE LENGTH OF THE DOOR TRAVEL. DEMONSTRATION MUST ALSO INCLUDE MANUAL OPERATION OF BLAST DOOR IN BOTH DIRECTIONS.
- 3. THE DOOR MANUFACTURER MUST COMMENCE A FIELD DEMONSTRATION OF EACH DOOR IN THE PRESENCE OF A GOVERNMENT OFFICIAL, CONSISTING OF A SUCCESSFUL CYCLE OF OPENING AND CLOSING THE DOOR BY CONTROLS, OPENING AND CLOSING OF TRENCH PLATES BY DOOR PLOWS, LOCKING AND UNLOCKING DOOR, AND ALIGNMENT OF DOOR IN SECURITY PILASTER.
- 4. THE BLAST DOOR MANUFACTURER MUST HAVE A MINIMUM OF 10 YEARS OF EXPERIENCE IN THE DESIGN, CONSTRUCTION AND INSTALLATION OF DOORS WEIGHING A MINIMUM OF 30 KIPS, CONSISTING OF BOTTOM ROLLING DOORS AND LARGE HEAVY DOORS SUCH AS MAGAZINE BLAST DOORS AND/OR NUCLEAR CONTAINMENT DOORS. THE BLAST DOOR MANUFACTURER MUST SUBMIT PROOF OF EXPERIENCE TO THE CONTRACTING OFFICER FOR APPROVAL BY NAVFAC EXWC AND NAVFAC ATLANTIC. A MINIMUM OF 5 EXAMPLES MUST BE SUBMITTED.
- 5. PROVIDE STEEL PLATE BOTTOM WHEELS HAVING A MINIMUM TREAD DIAMETER AS REQUIRED FOR THE ACTUAL WHEEL LOADING. CONSTRUCTION WHEEL ASSEMBLES TO PERMIT REMOVAL OF THE WHEEL WITHOUT REMOVING THE DOOR LEAF FOR ITS POSITION ON THE RAIL.
- 6. THE GENERAL CONTRACTOR MUST SELECT A SINGLE SUPPLIER TO PROVIDE A COMPLETE BLAST DOOR SYSTEM INCLUDING BUT NOT LIMITED TO THE BLAST DOOR AND ALL OF ITS ASSOCIATED COMPONENTS AND HARDWARE, RAIL, TRENCH, TRENCH COVER ASSEMBLY, PLOW AND EMBEDDED
- 7. PROVIDE A HAND RELEASE ON THE DESIGNED BRAKING SYSTEM TO RELEASE THE BRAKE WHEN IT BECOMES NECESSARY TO MANUALLY MOVE THE DOOR, PROVIDE AN AUTOMATIC RESET TYPE HAND RELEASE SO THAT THE BREAK WILL BE OPERABLE DURING SUBSEQUENT ELECTRICAL OPERATIONS OF THE DOOR.
- 8. BLAST DOOR MANUFACTURER MUST PROVIDE A COMPLETE BLAST DOOR MANUAL THAT INCLUDES MAINTENANCE AND STEP BY STEP INSTRUCTIONS OF WHEEL REMOVAL.
- 9. THE PLOW/TRENCH COVER ASSEMBLY ALONG WITH THE WHEEL/MOTOR ASSEMBLY ARE NOTIONAL AND SHOWN FOR BIDDING PURPOSES AND MAY VARY BASED ON THE DOOR MANUFACTURER'S APPROVED DESIGN.
- 10. MANUFACTURER TO DESIGN AND FURNISH DOOR STOPS AT TRAILING AND LEADING EDGES OF

OR COMMANDER NAVFAC ATISFACTORY TO DATE s **JAF I**drw **SFF I**chk **TPH** RANCH MANAGER HIEF ENG/ARCH IRE PROTECTION ST

EAP ED N

ONG WI

RIZED L EARTH

1644867

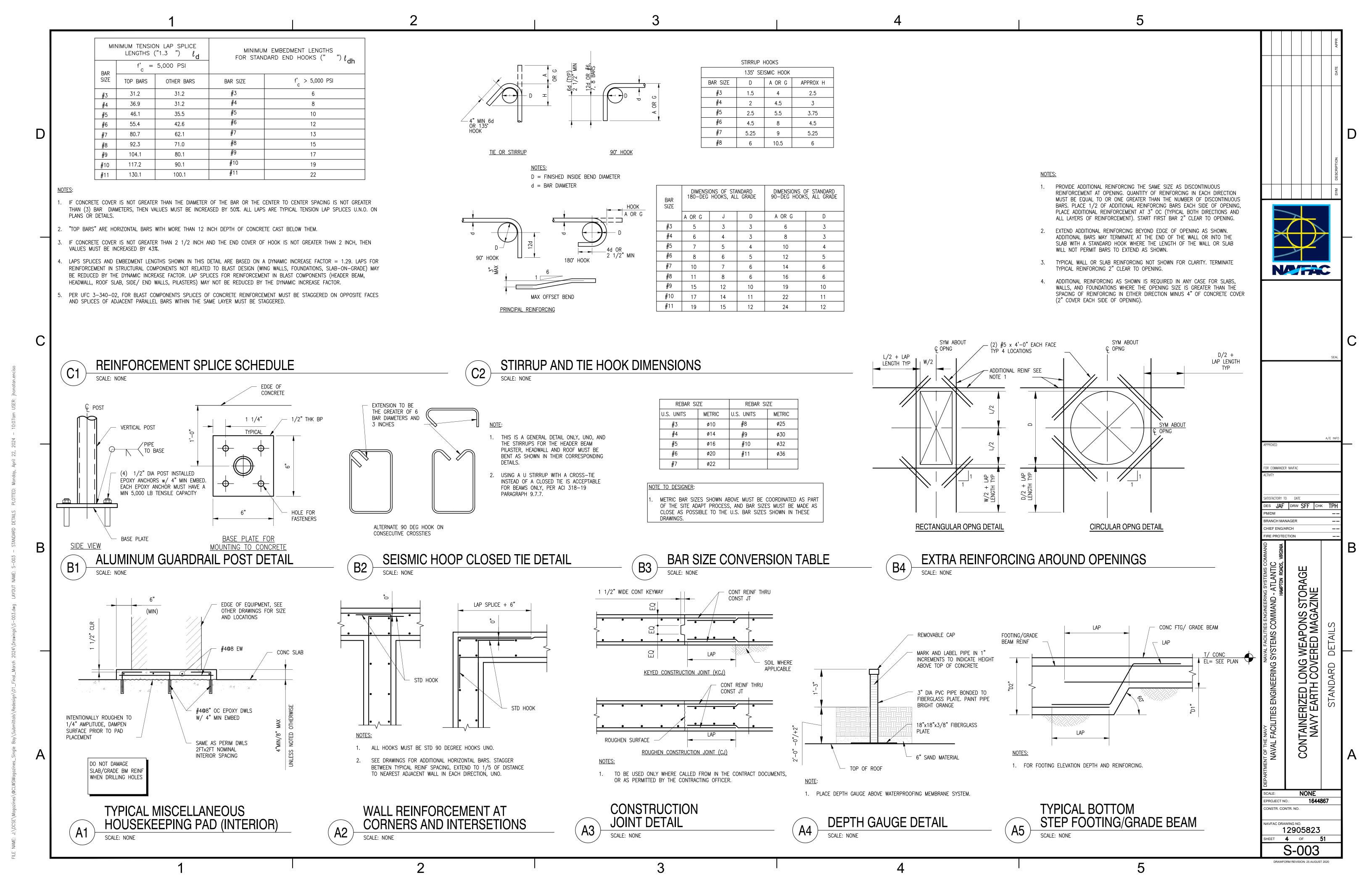
PROJECT NO.:

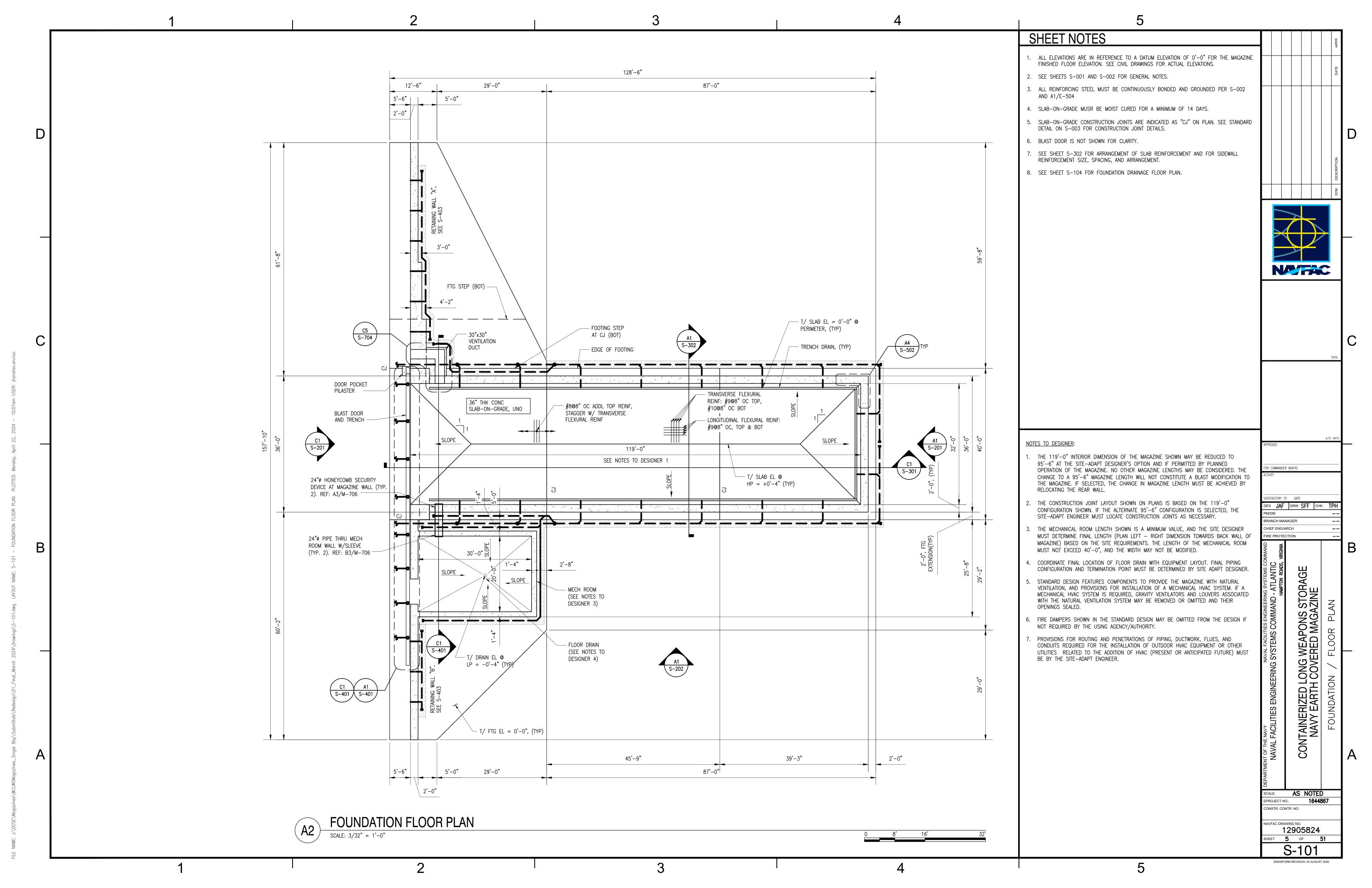
CONSTR. CONTR. NO.

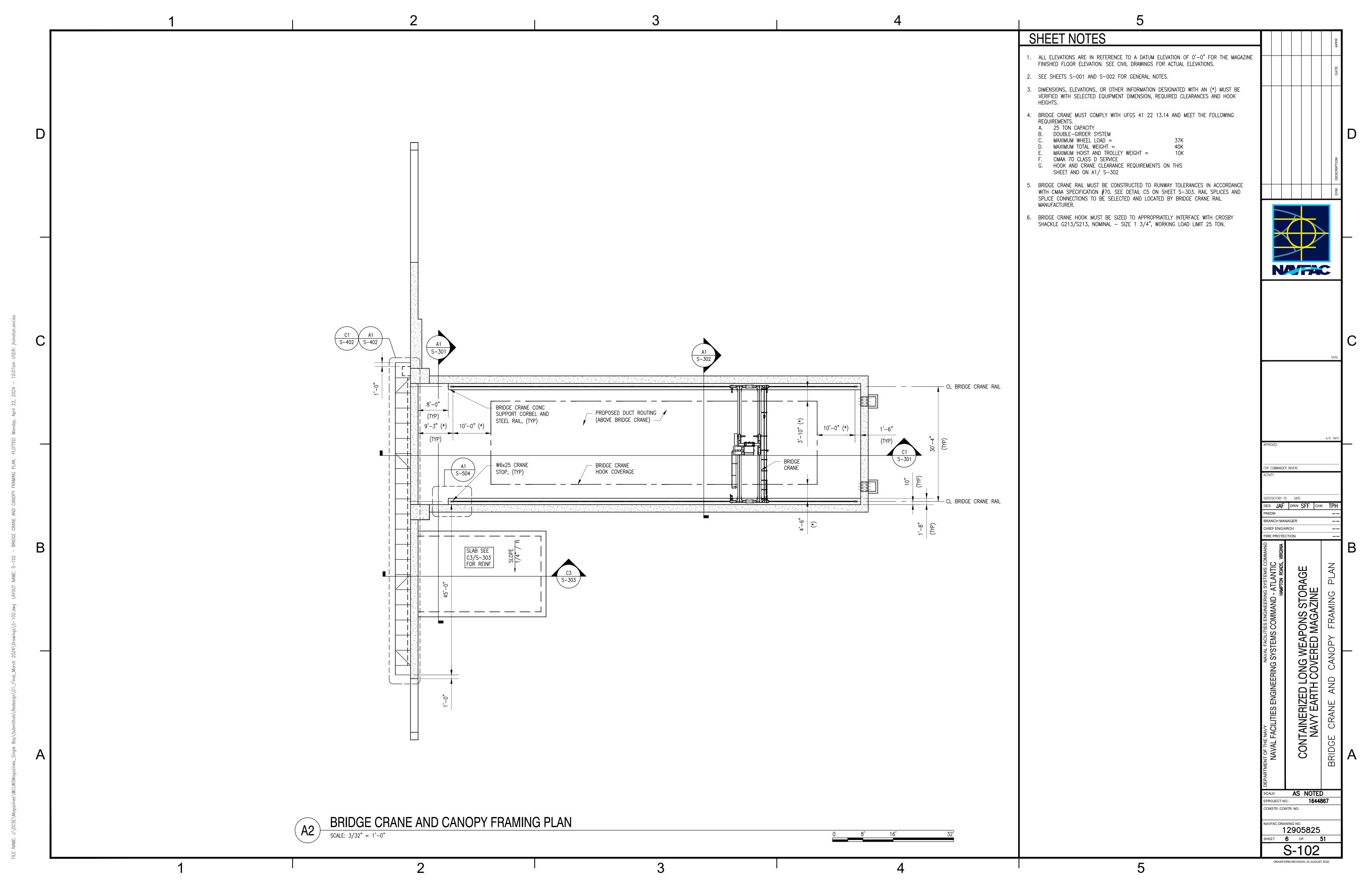
AVFAC DRAWING NO.

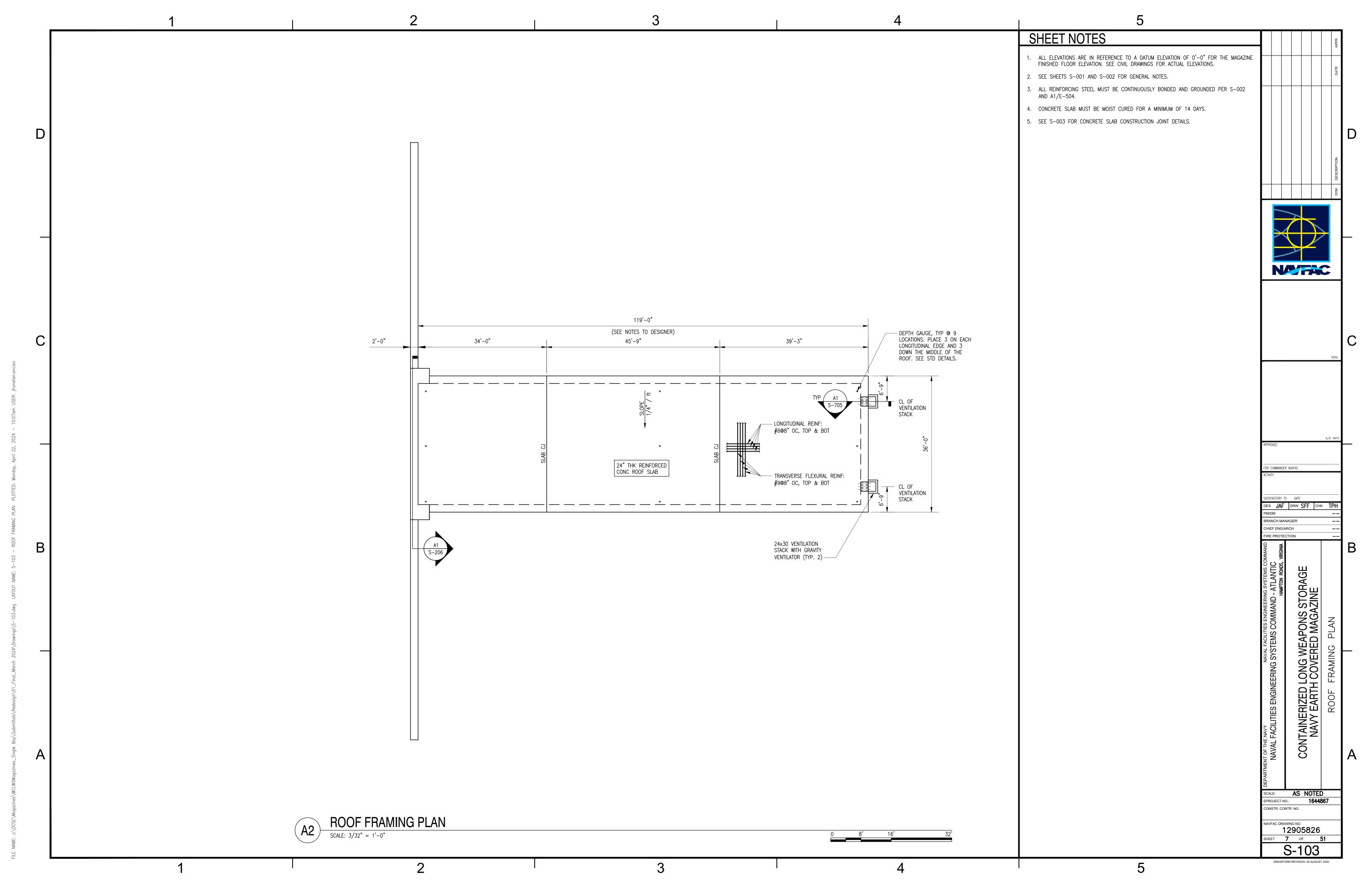
12905822

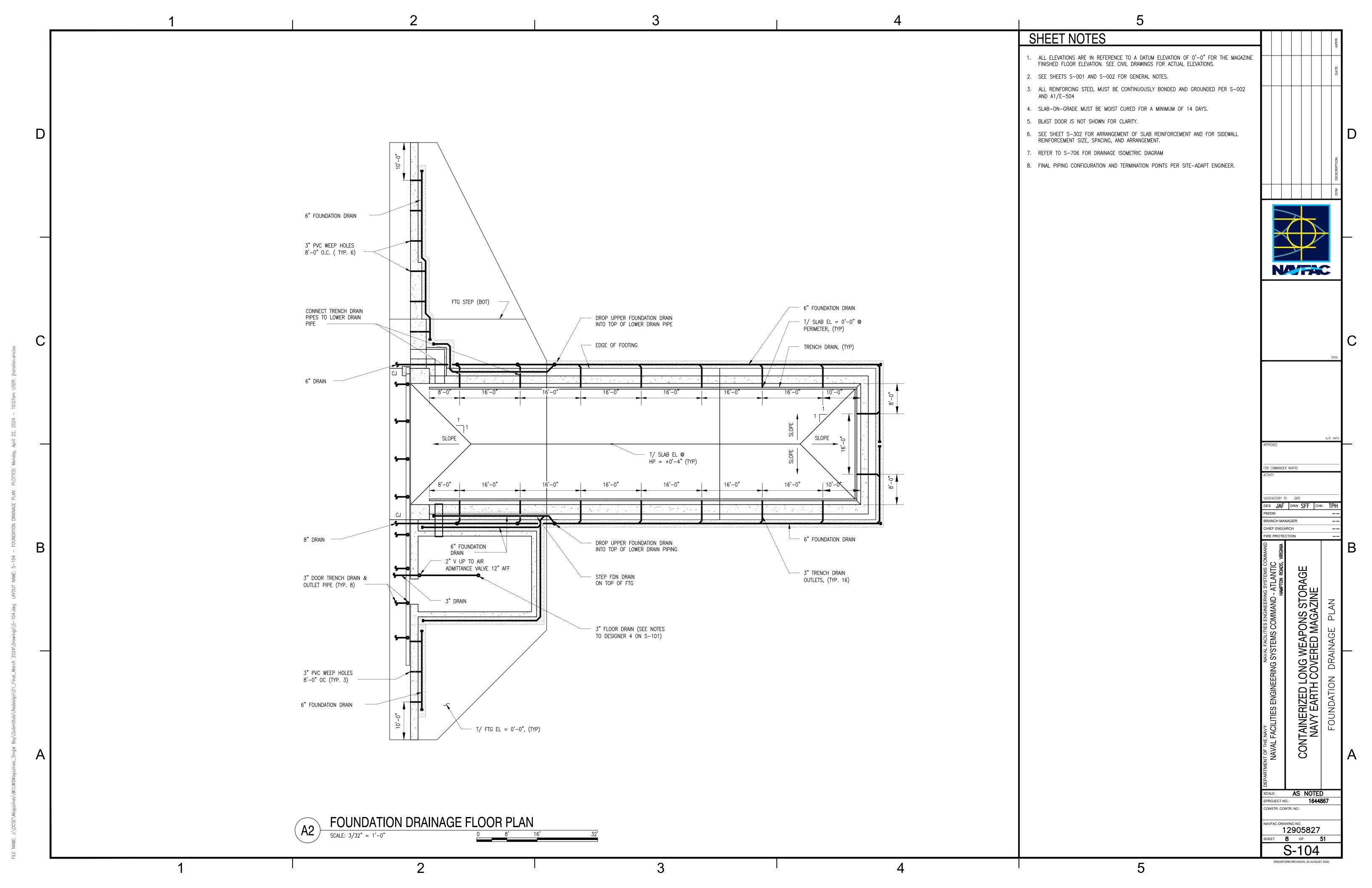
ET **3** OF **51**

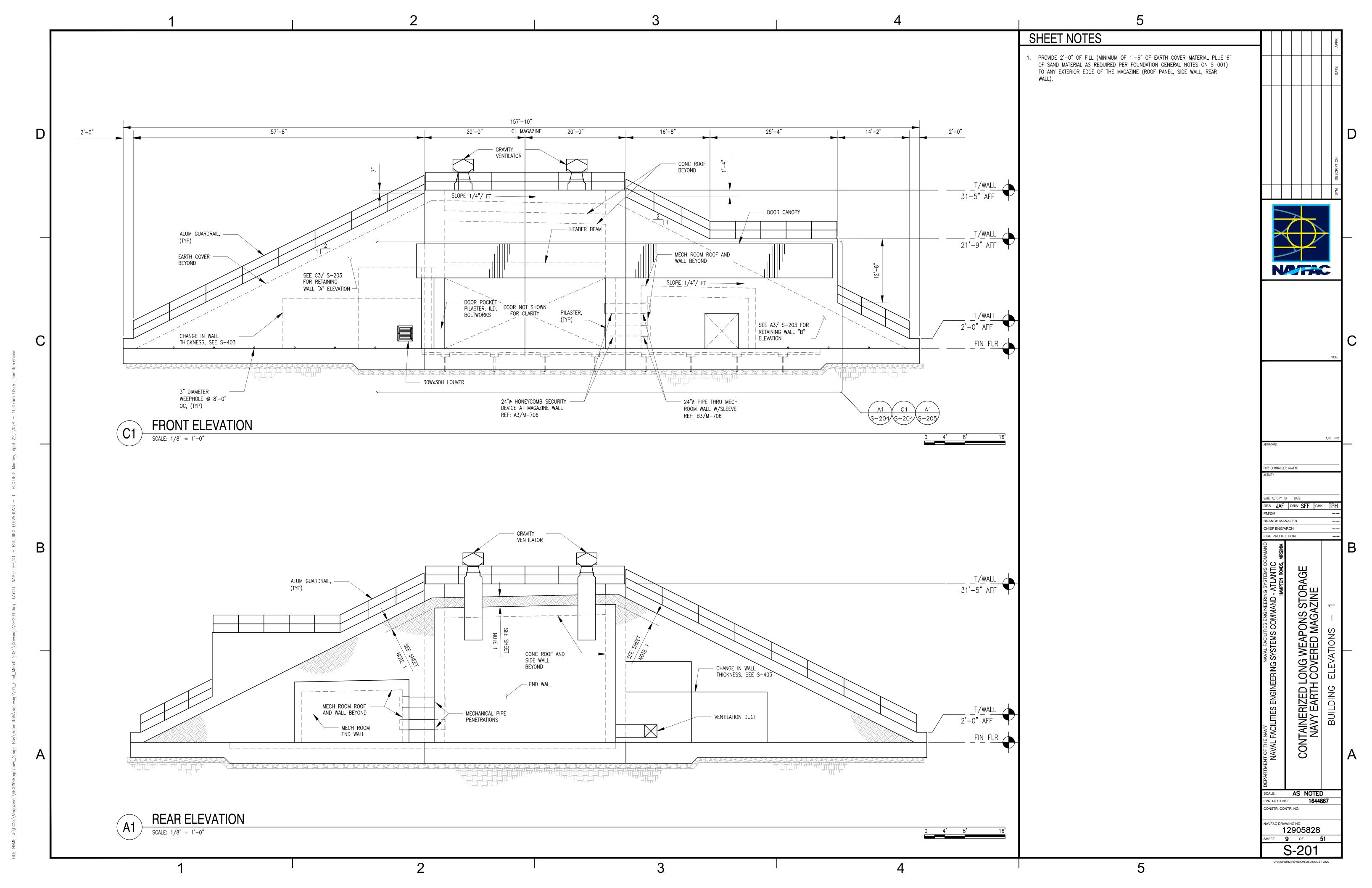


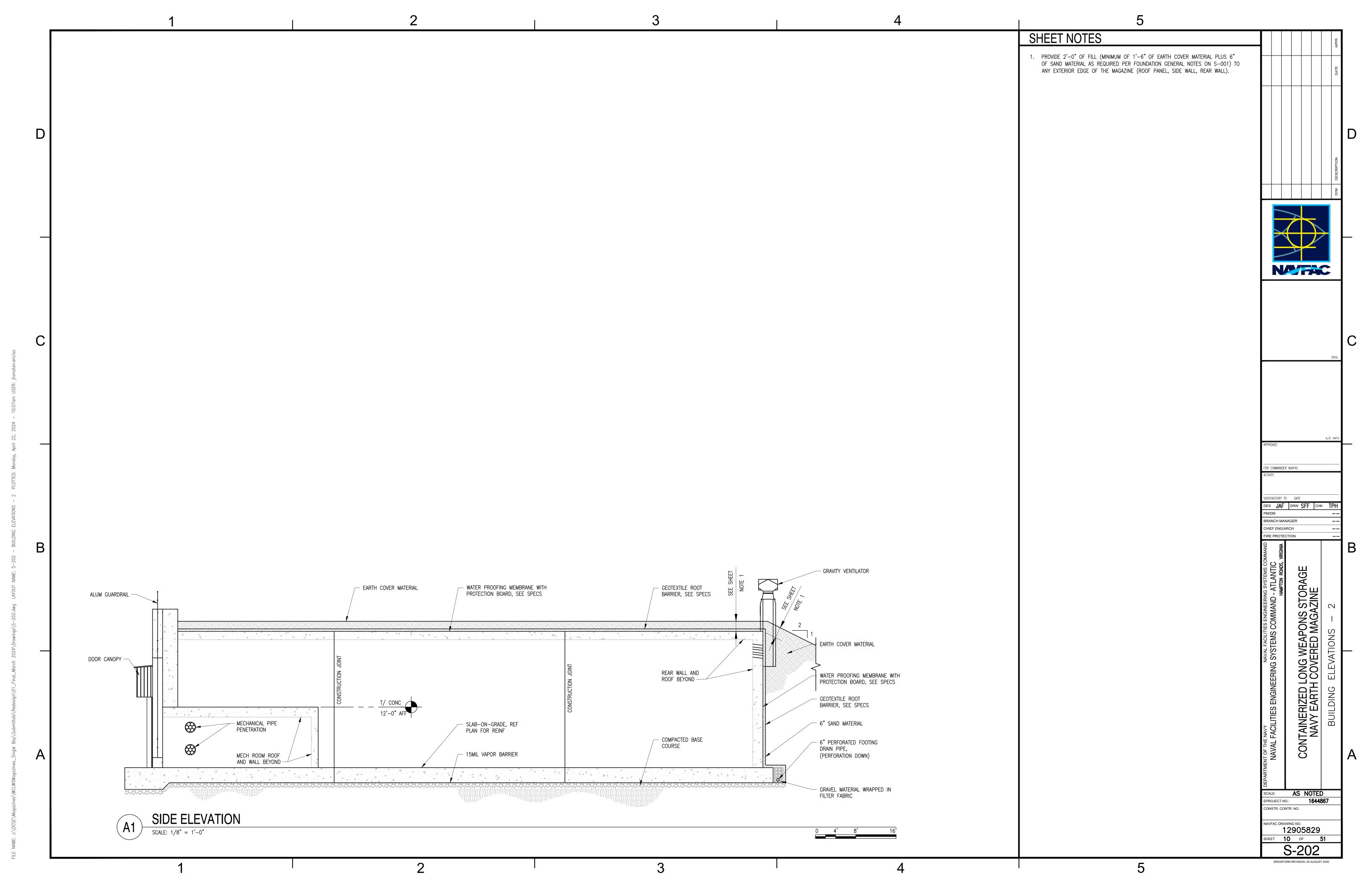


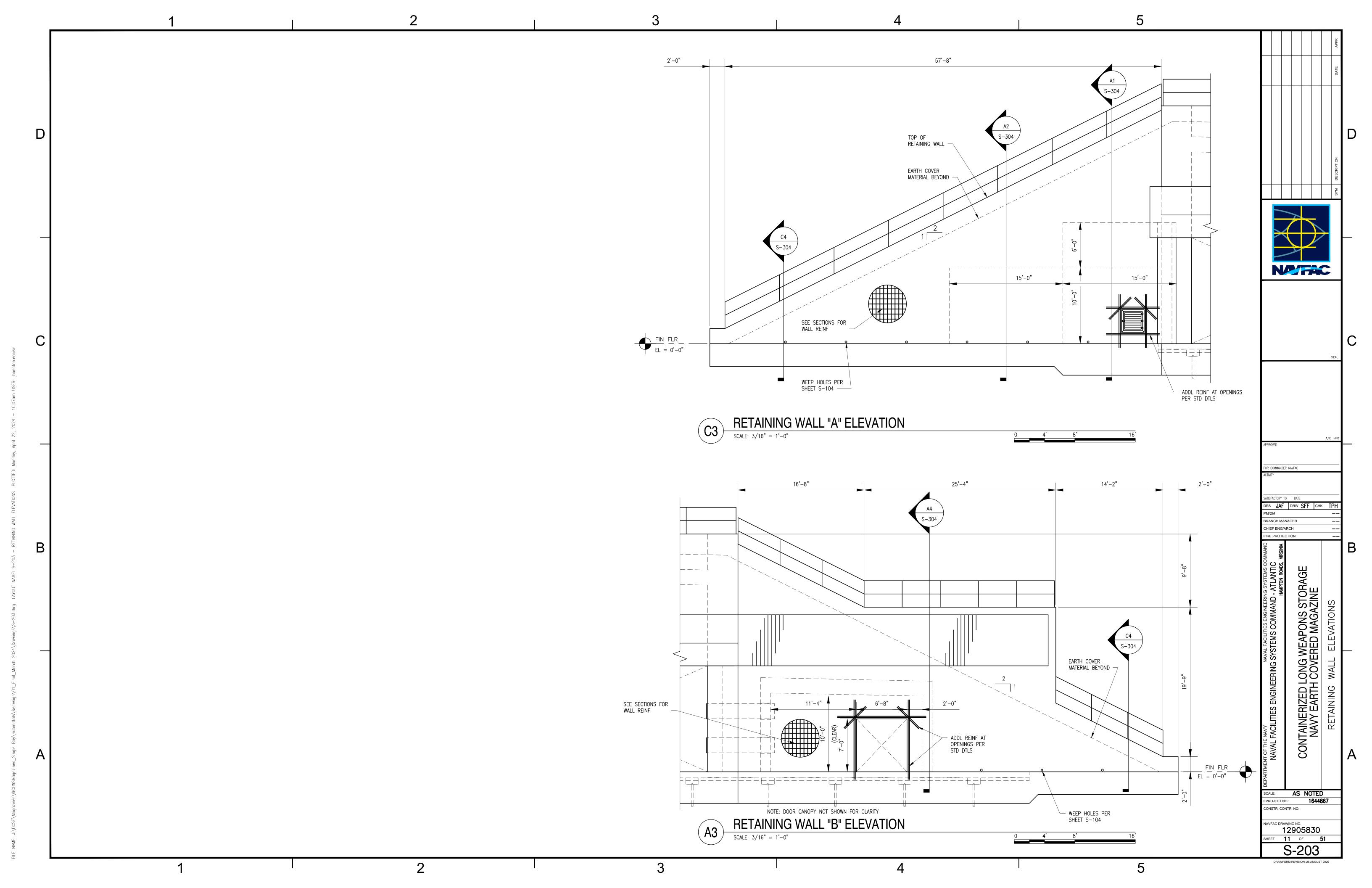


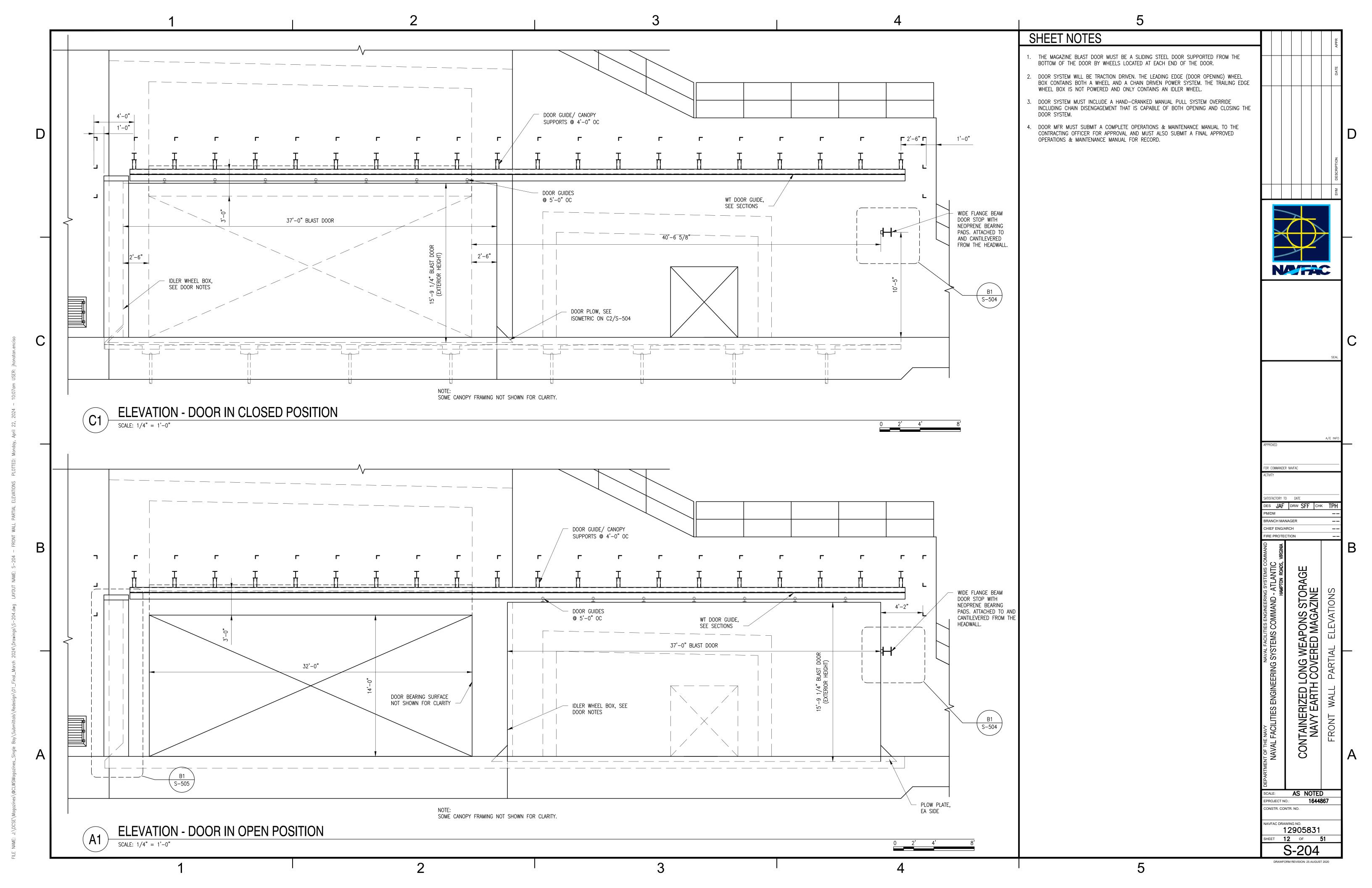


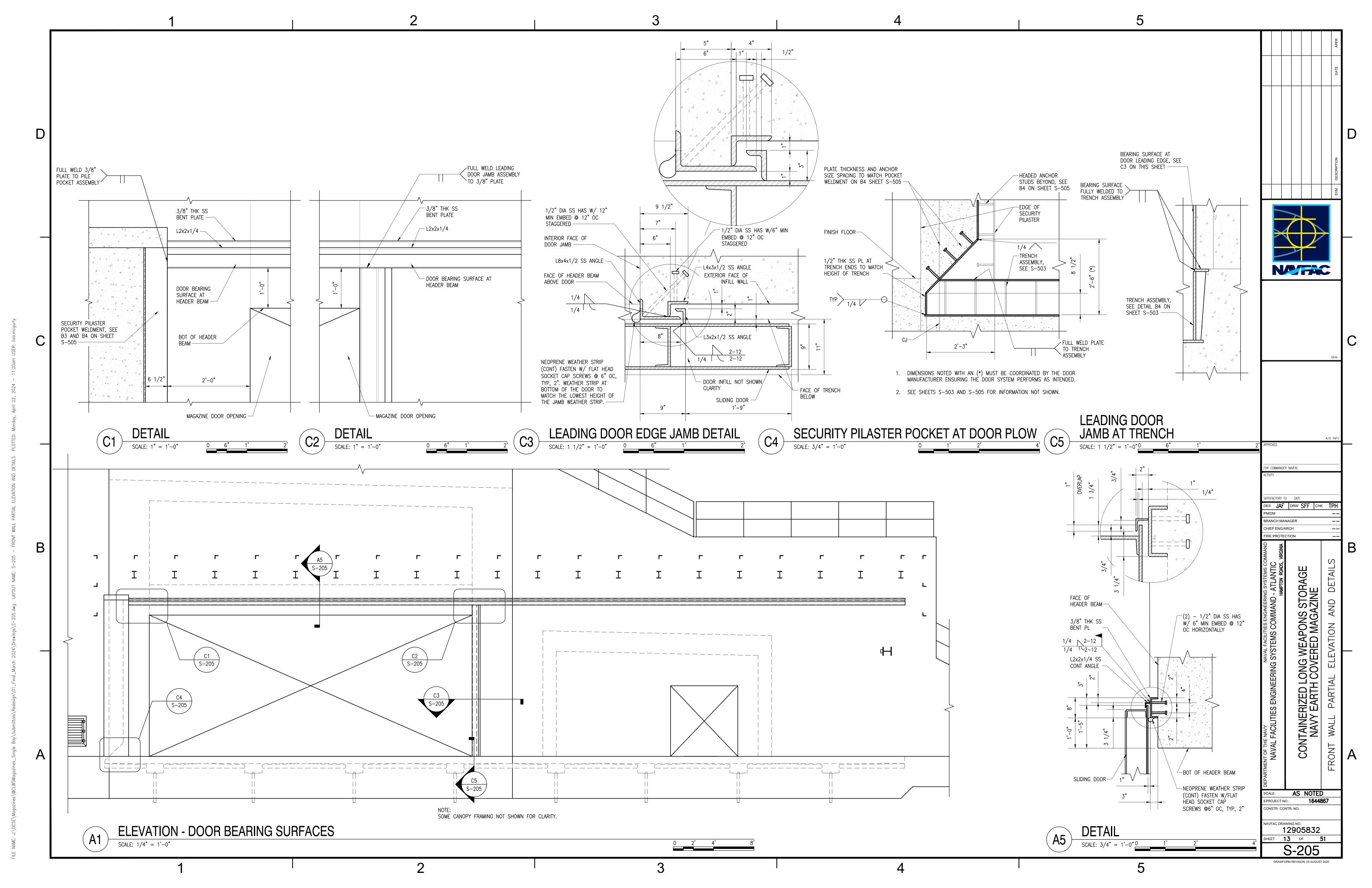


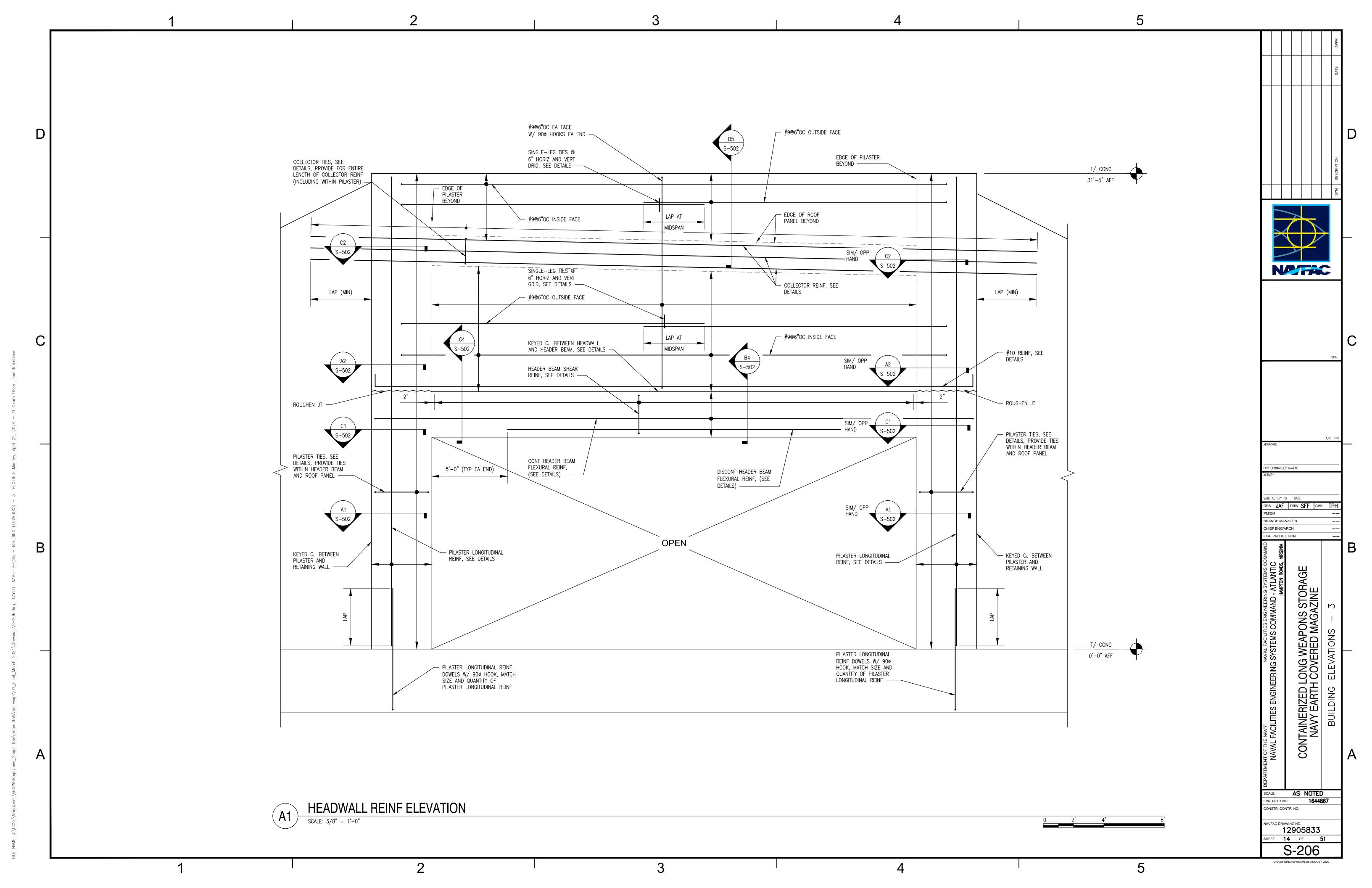


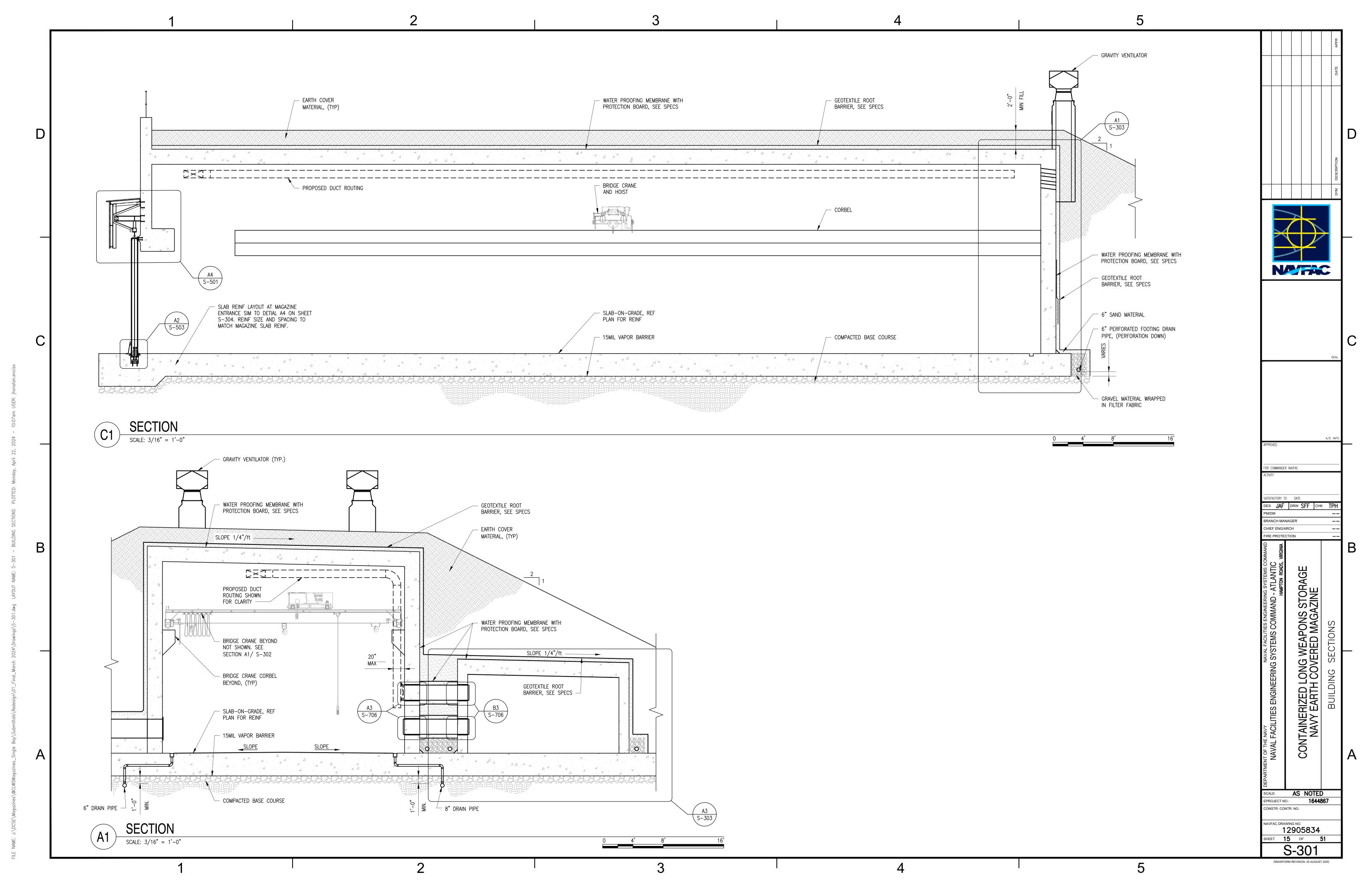


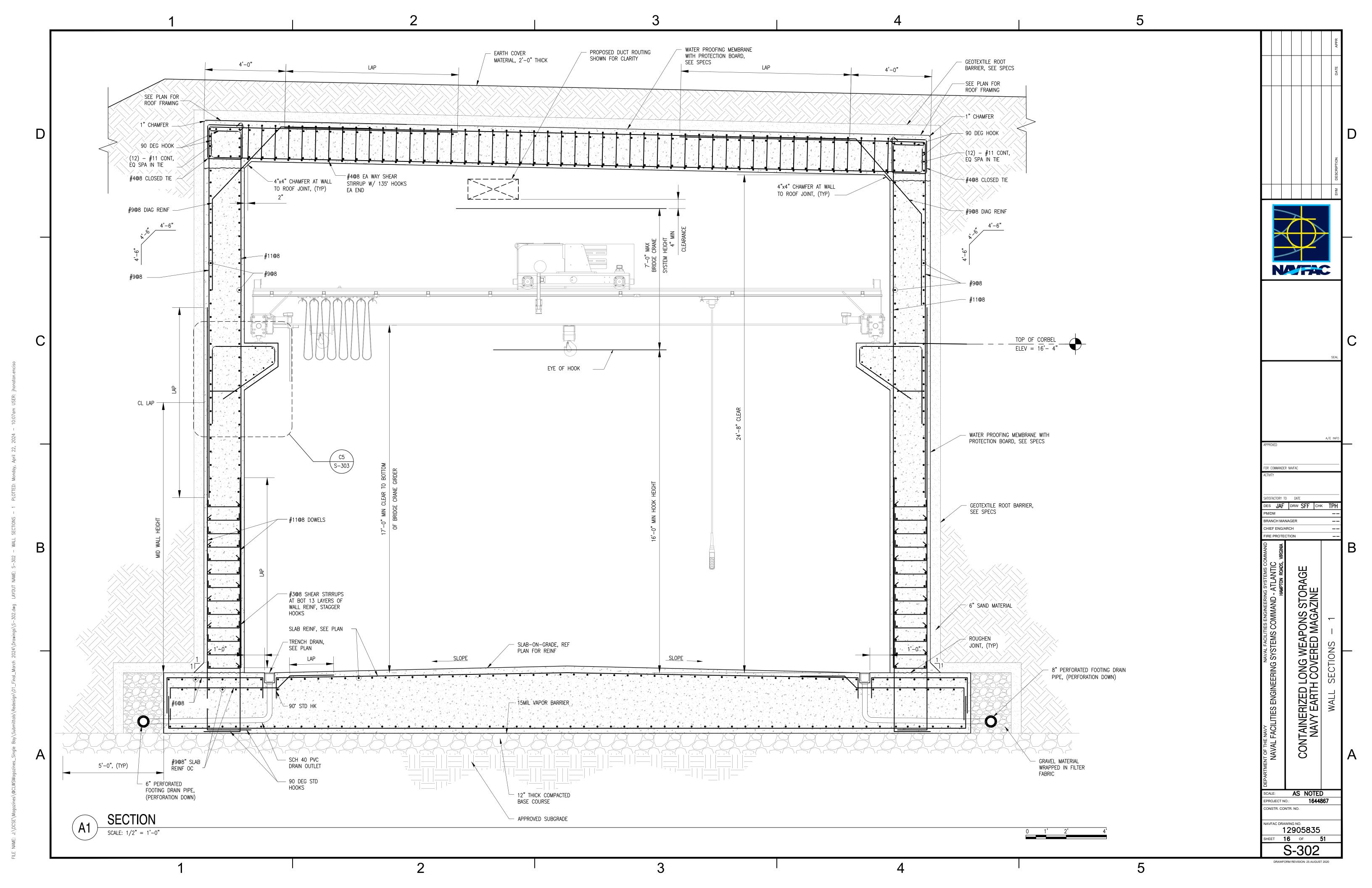


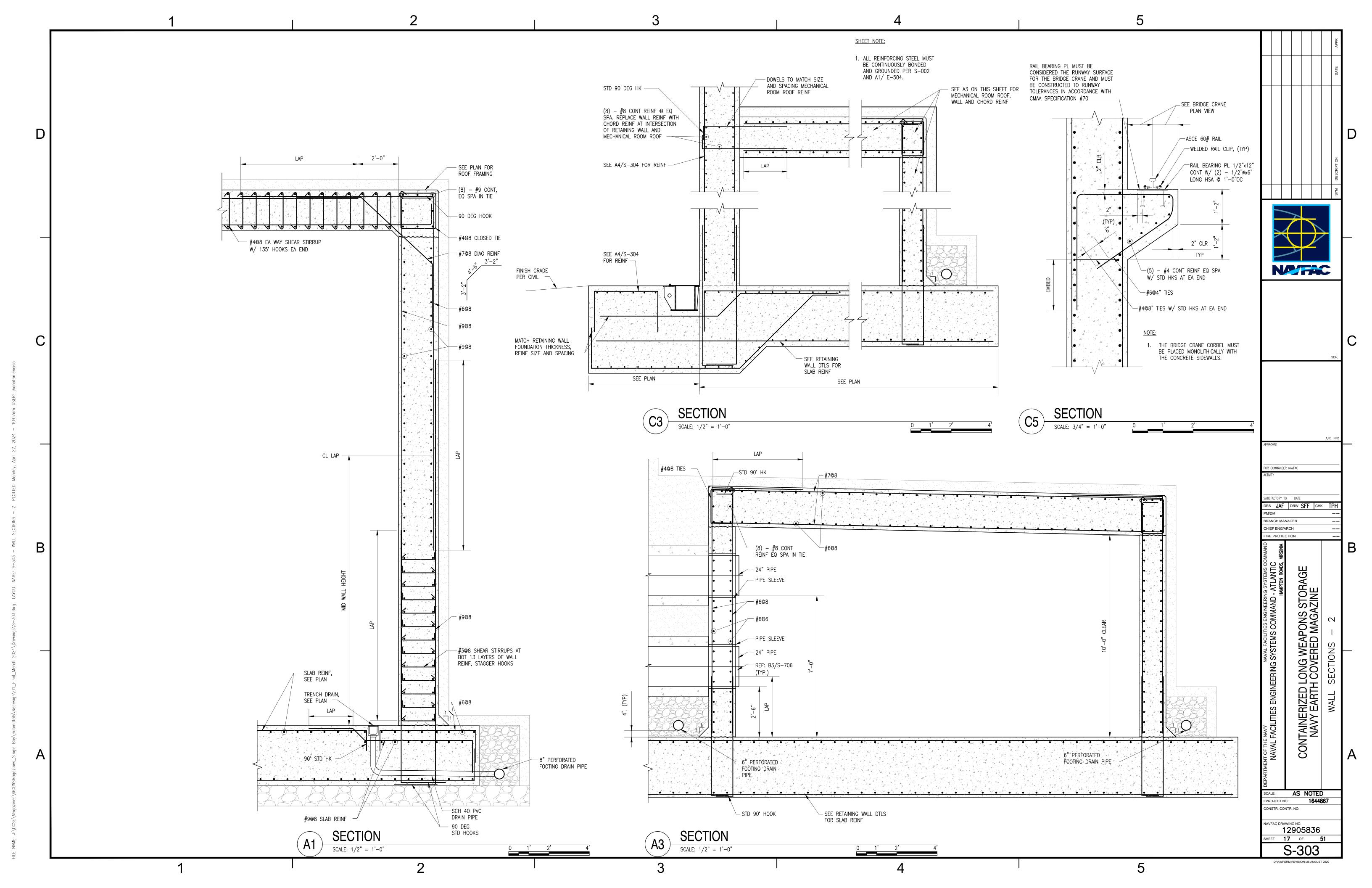


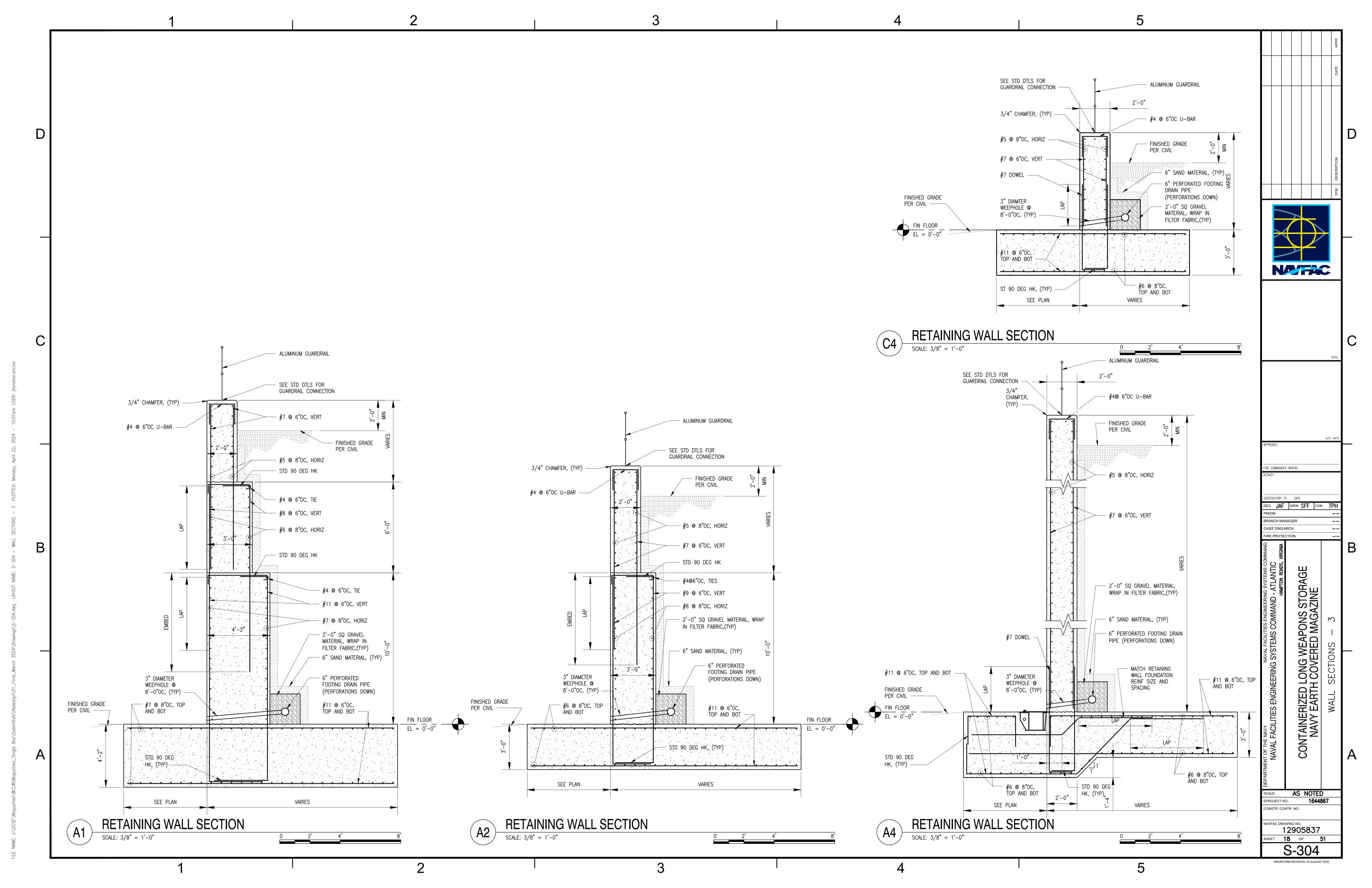


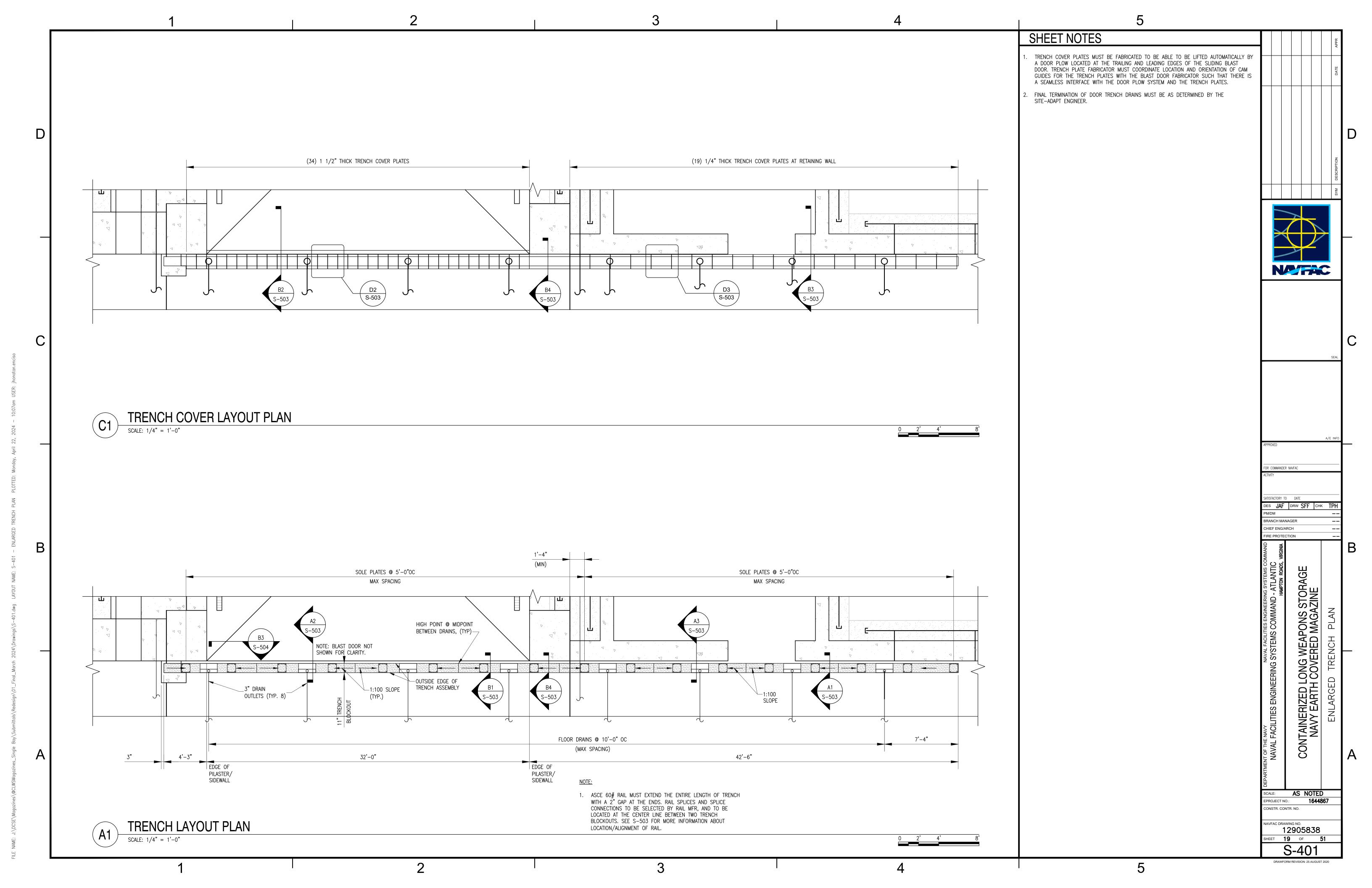


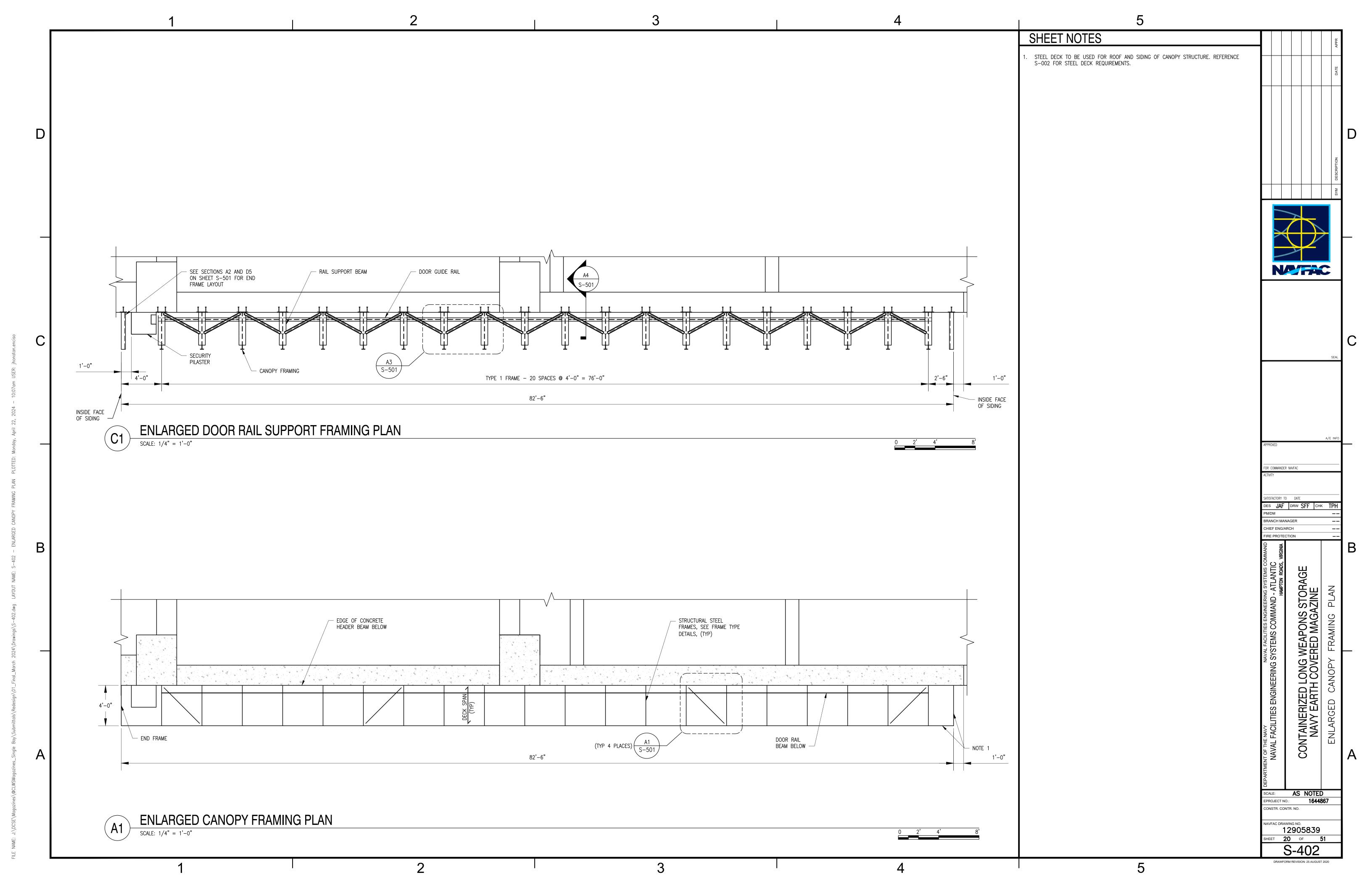


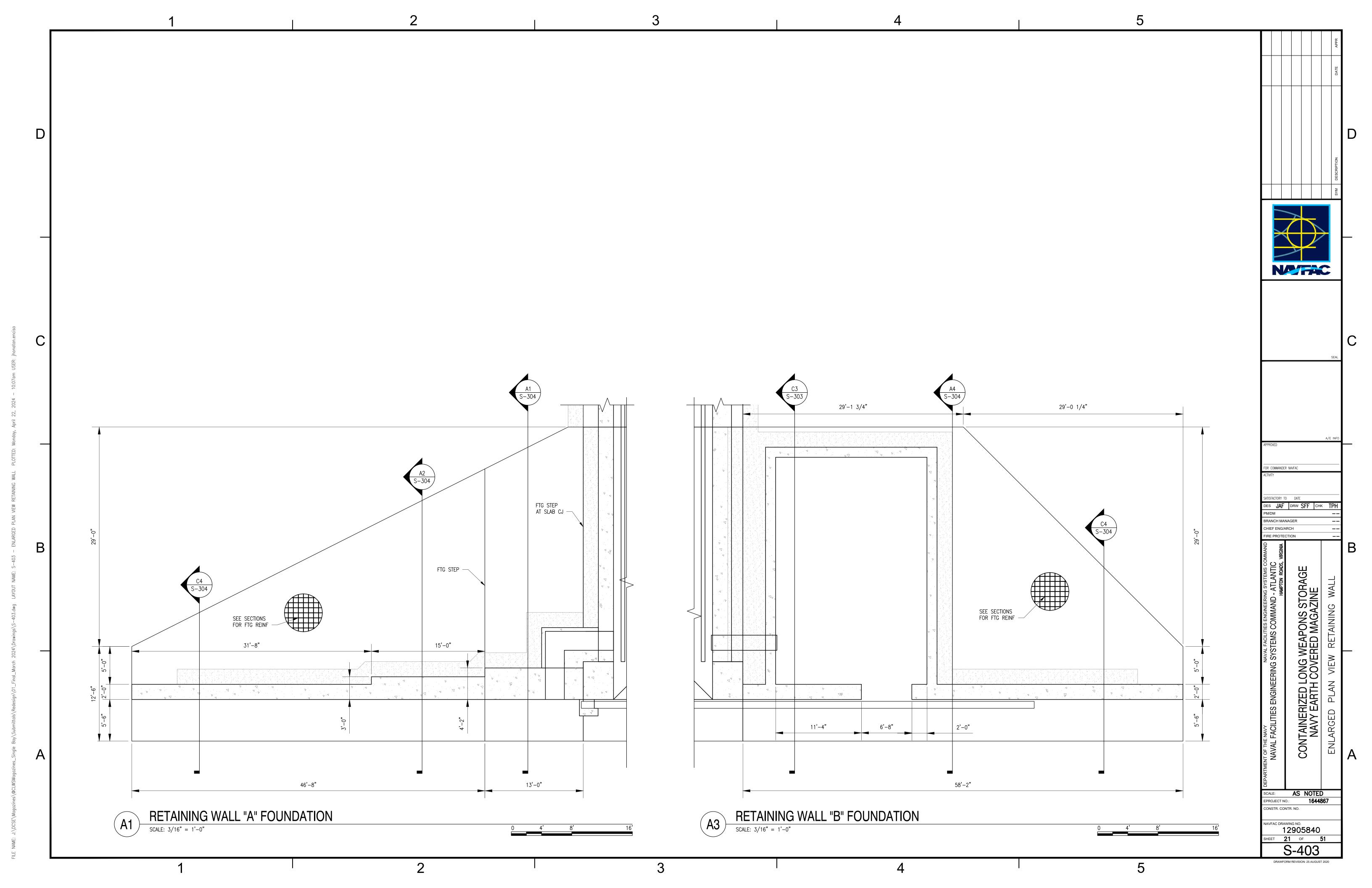


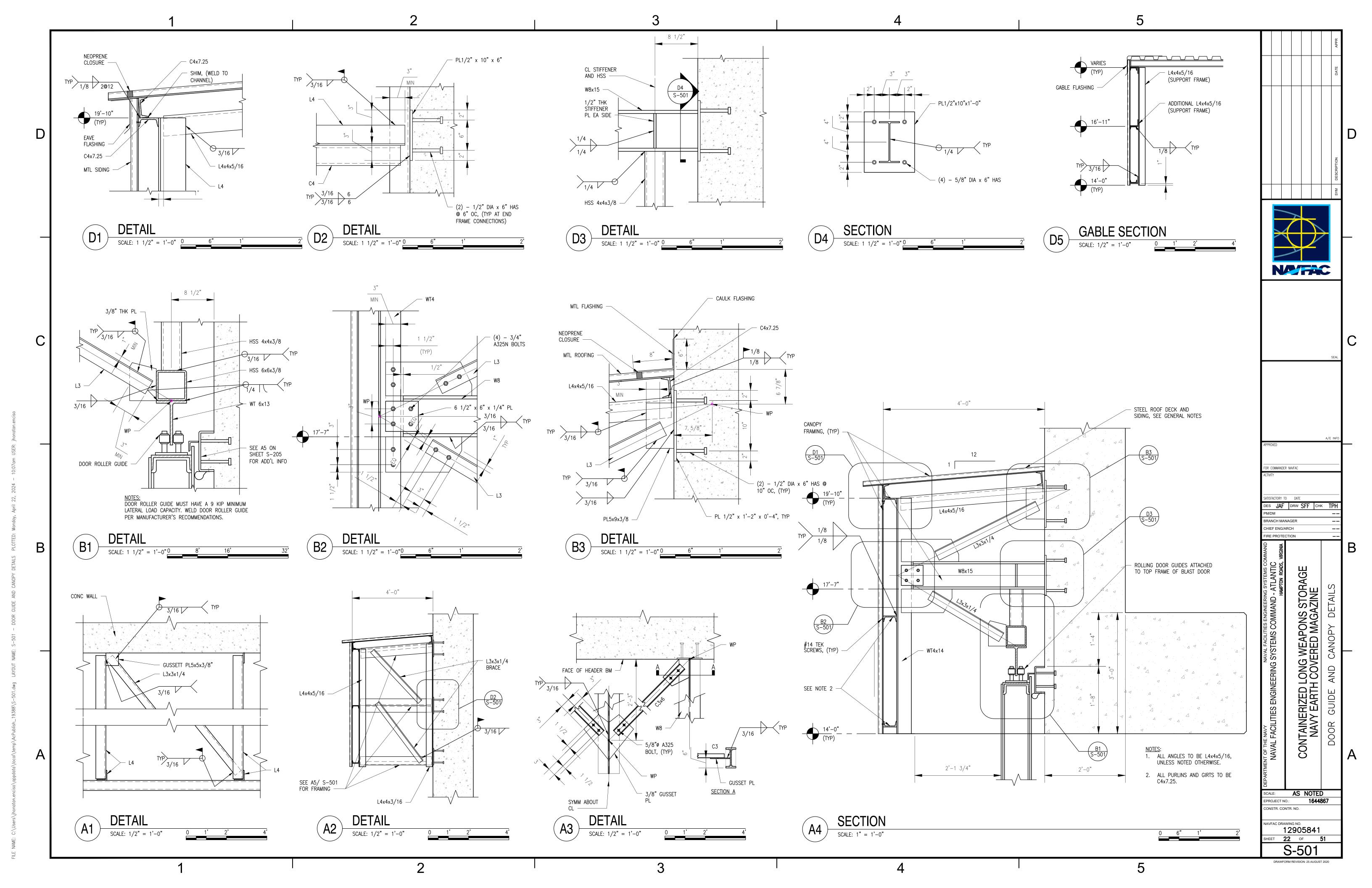


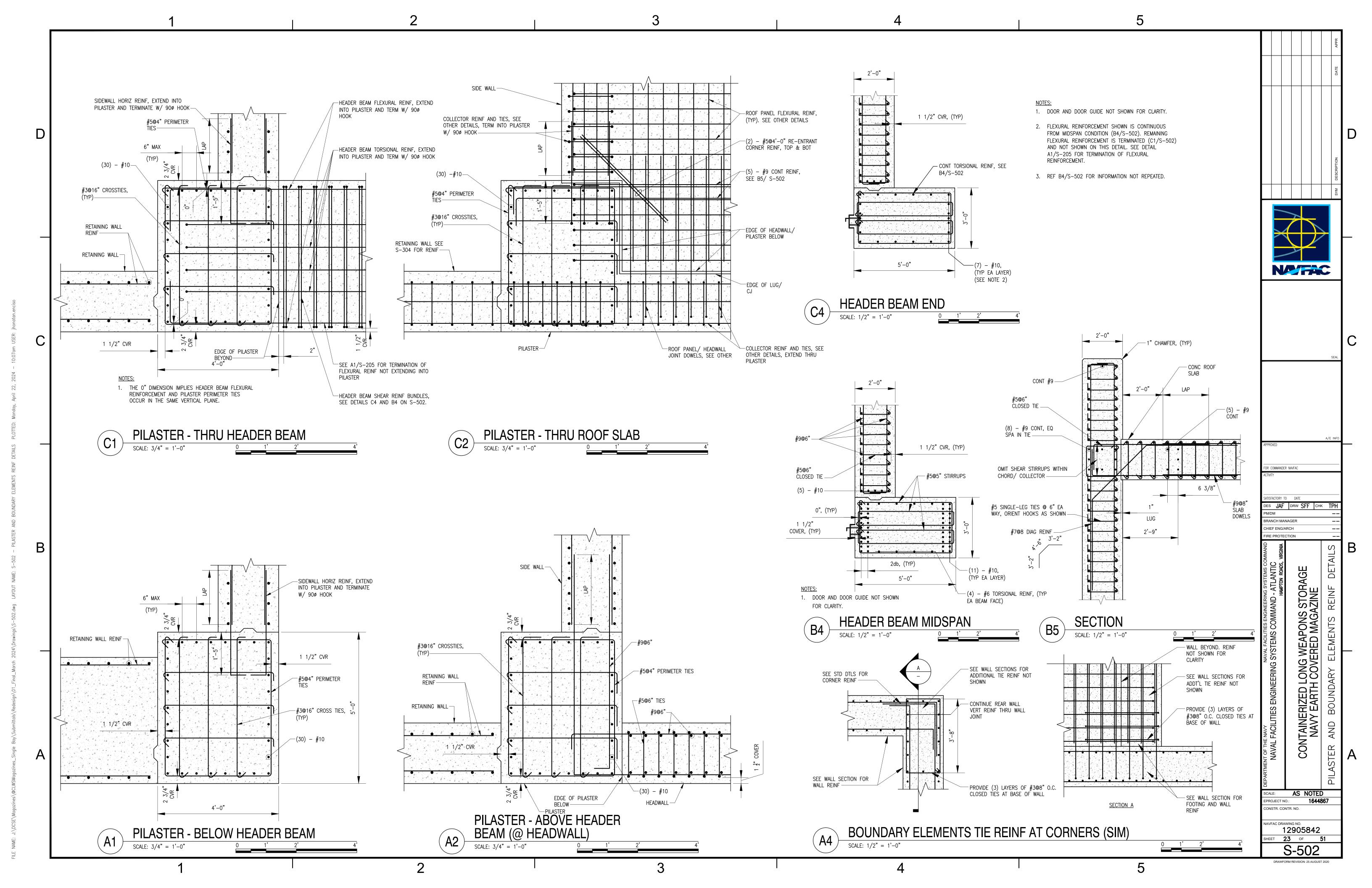


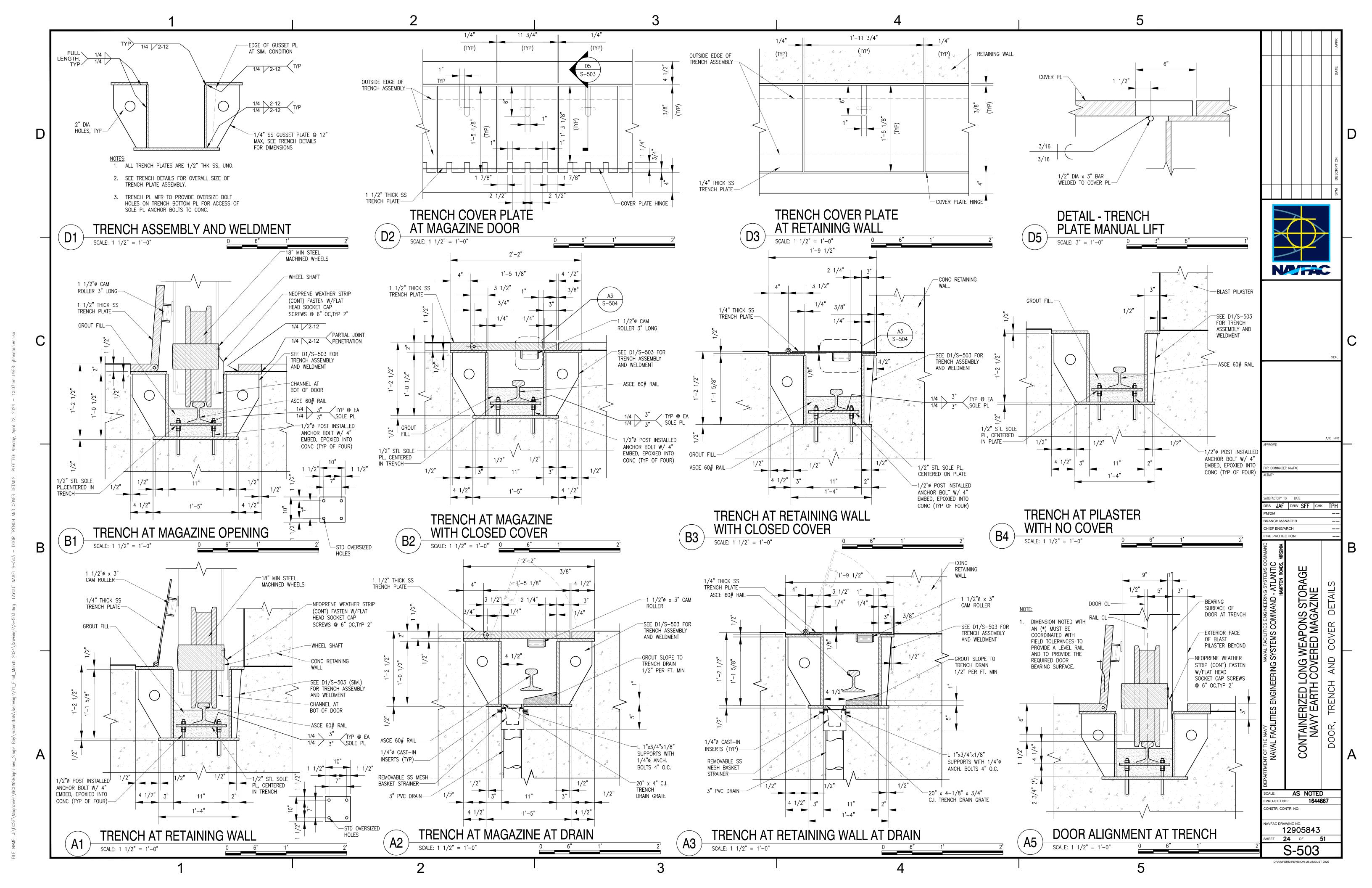


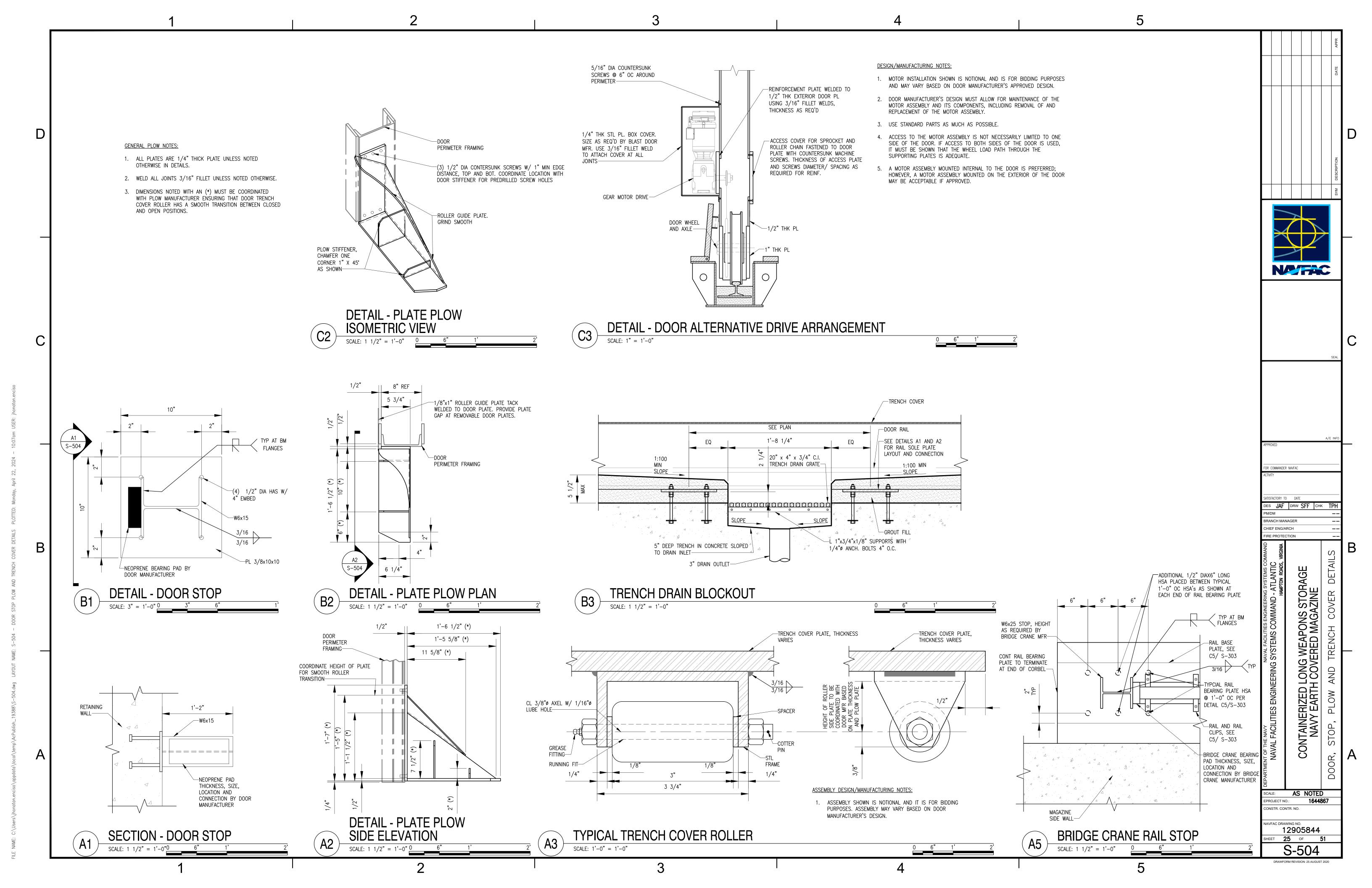


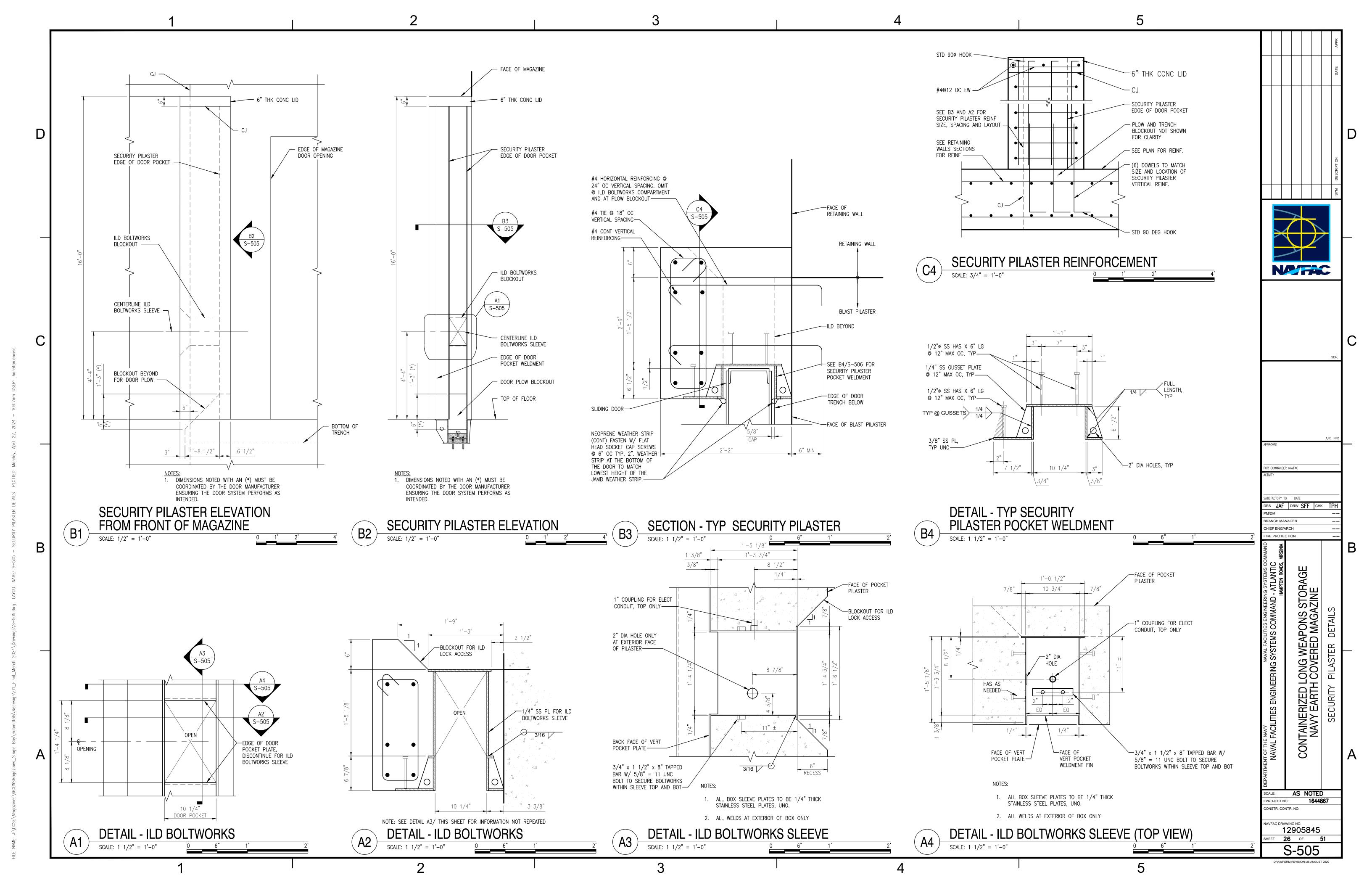


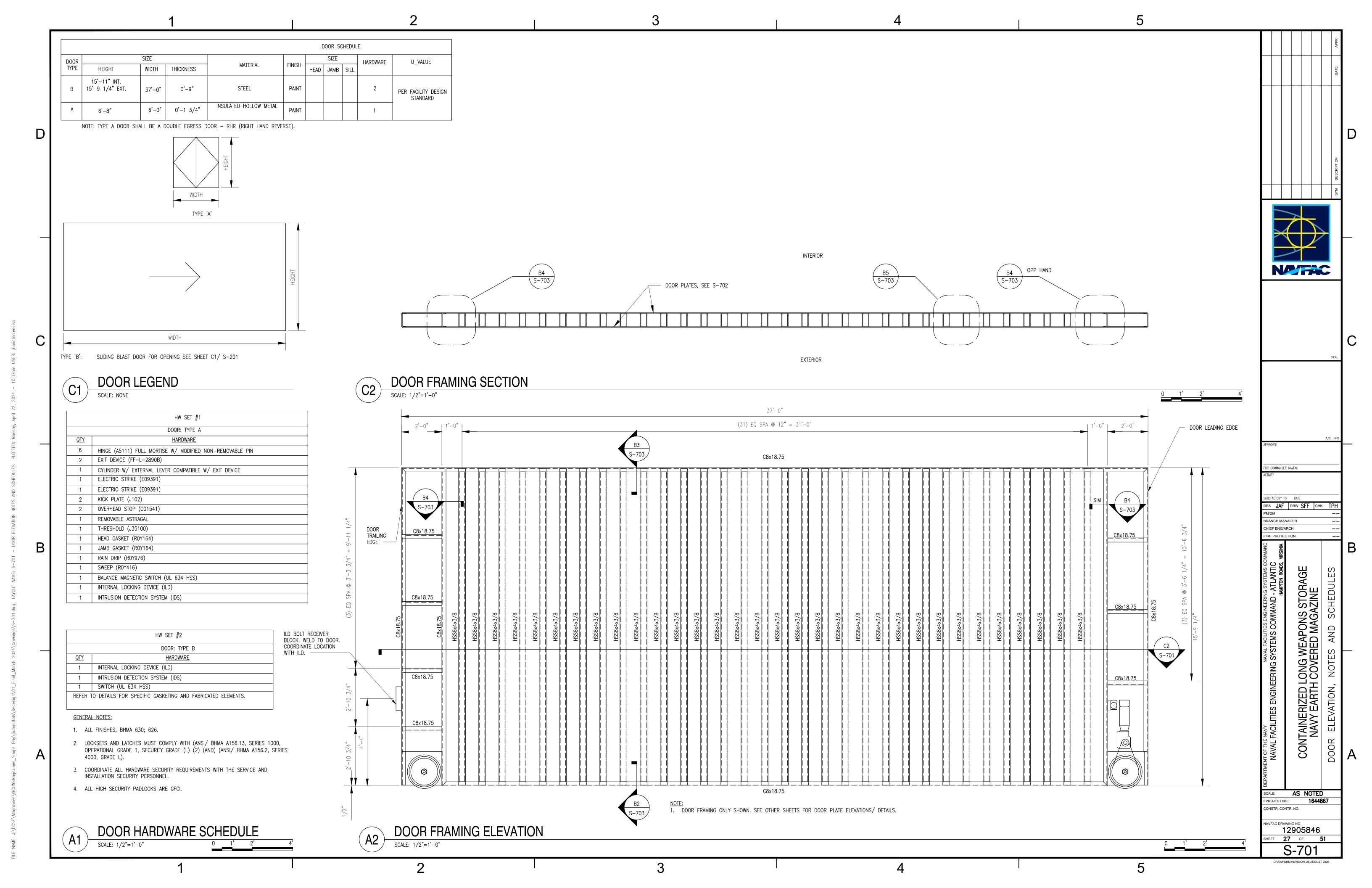


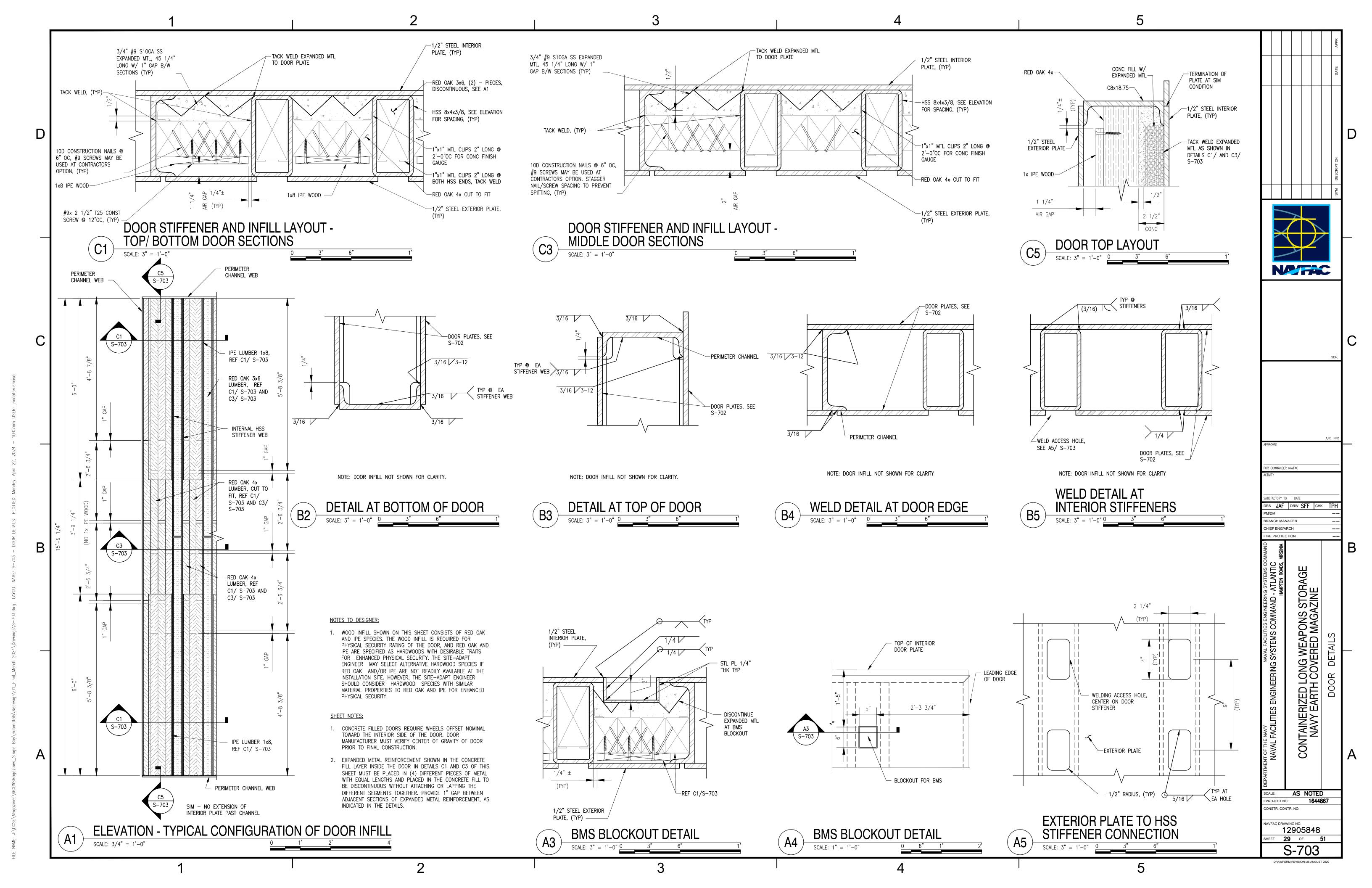


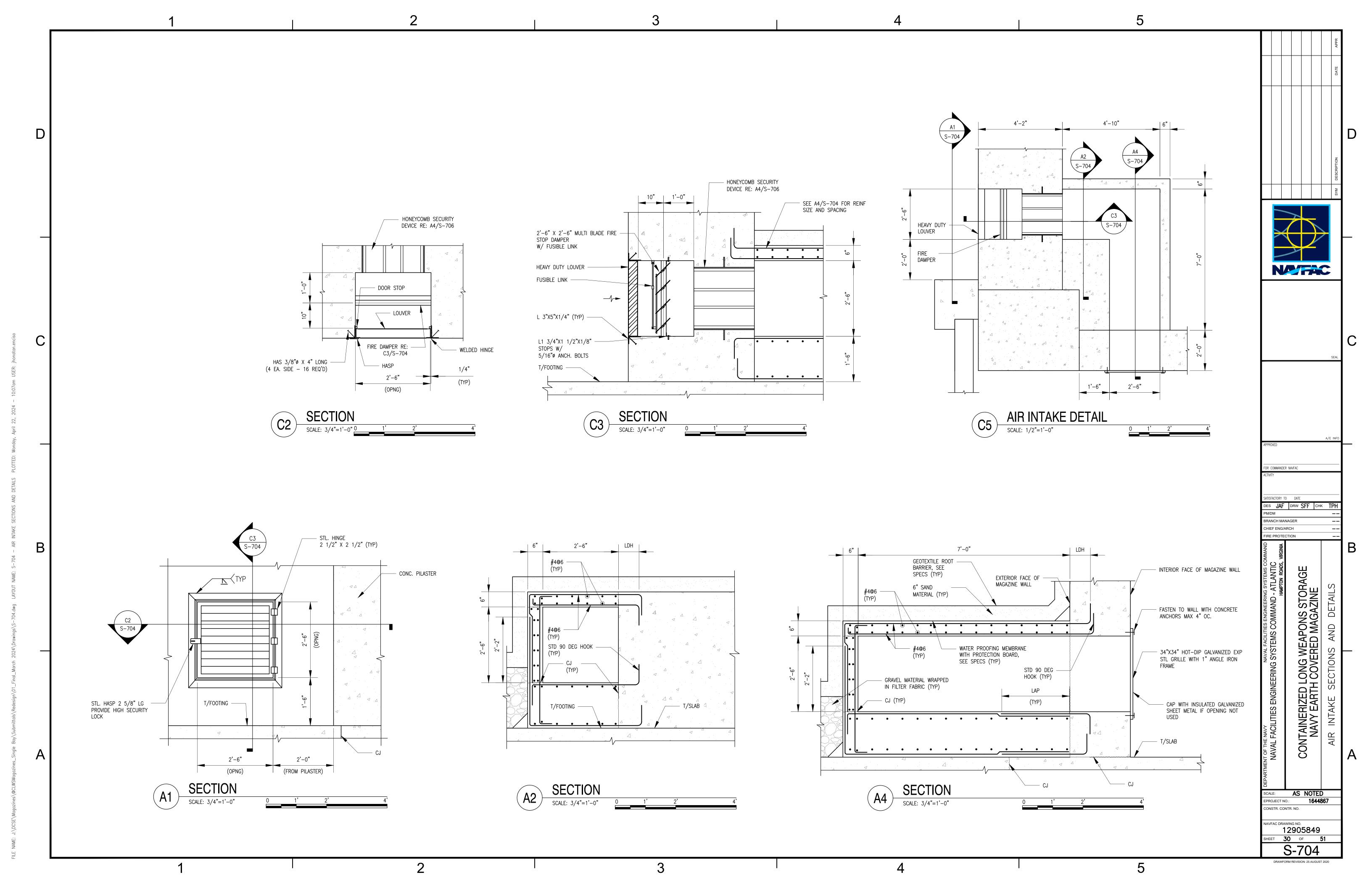


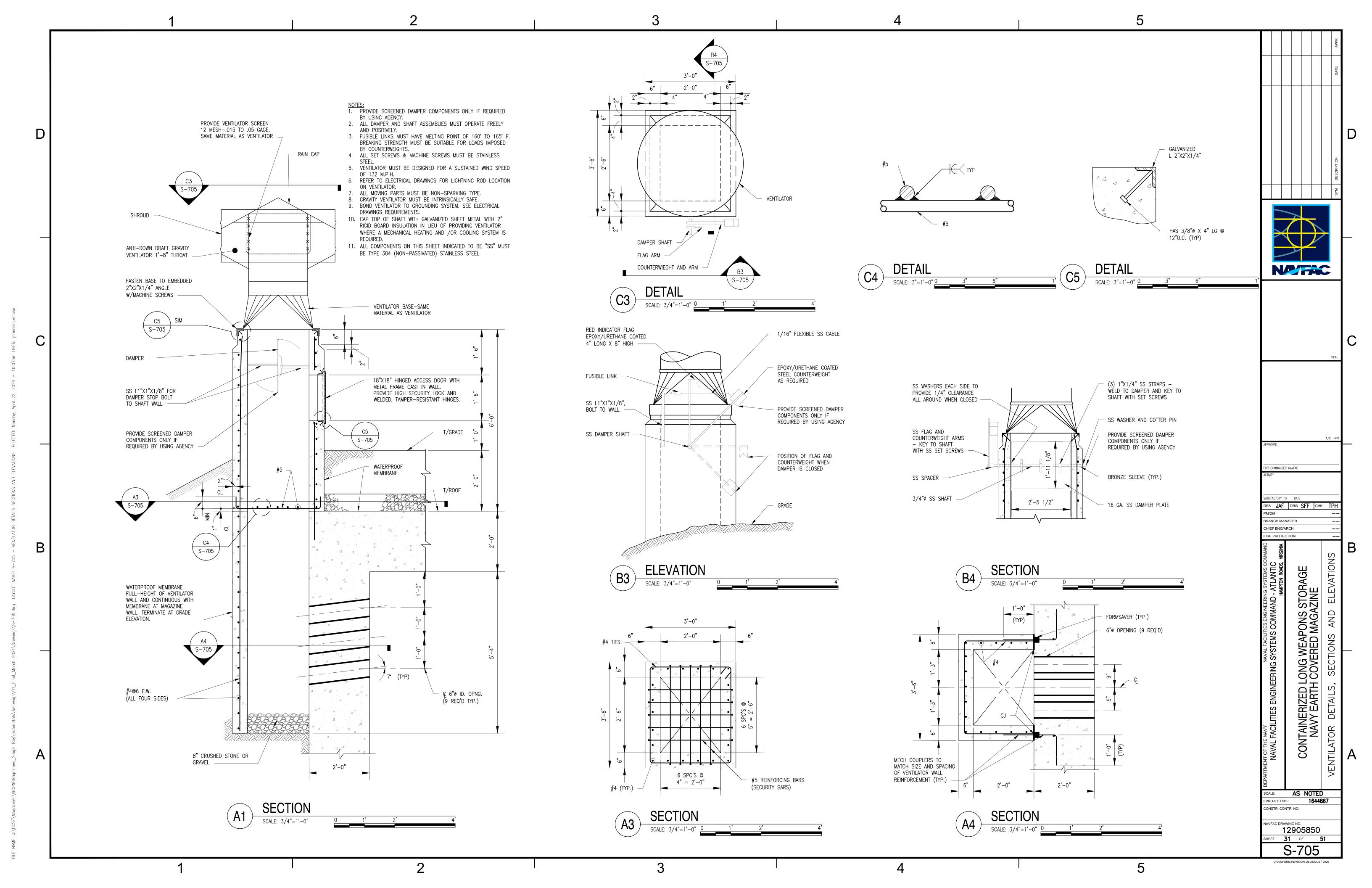


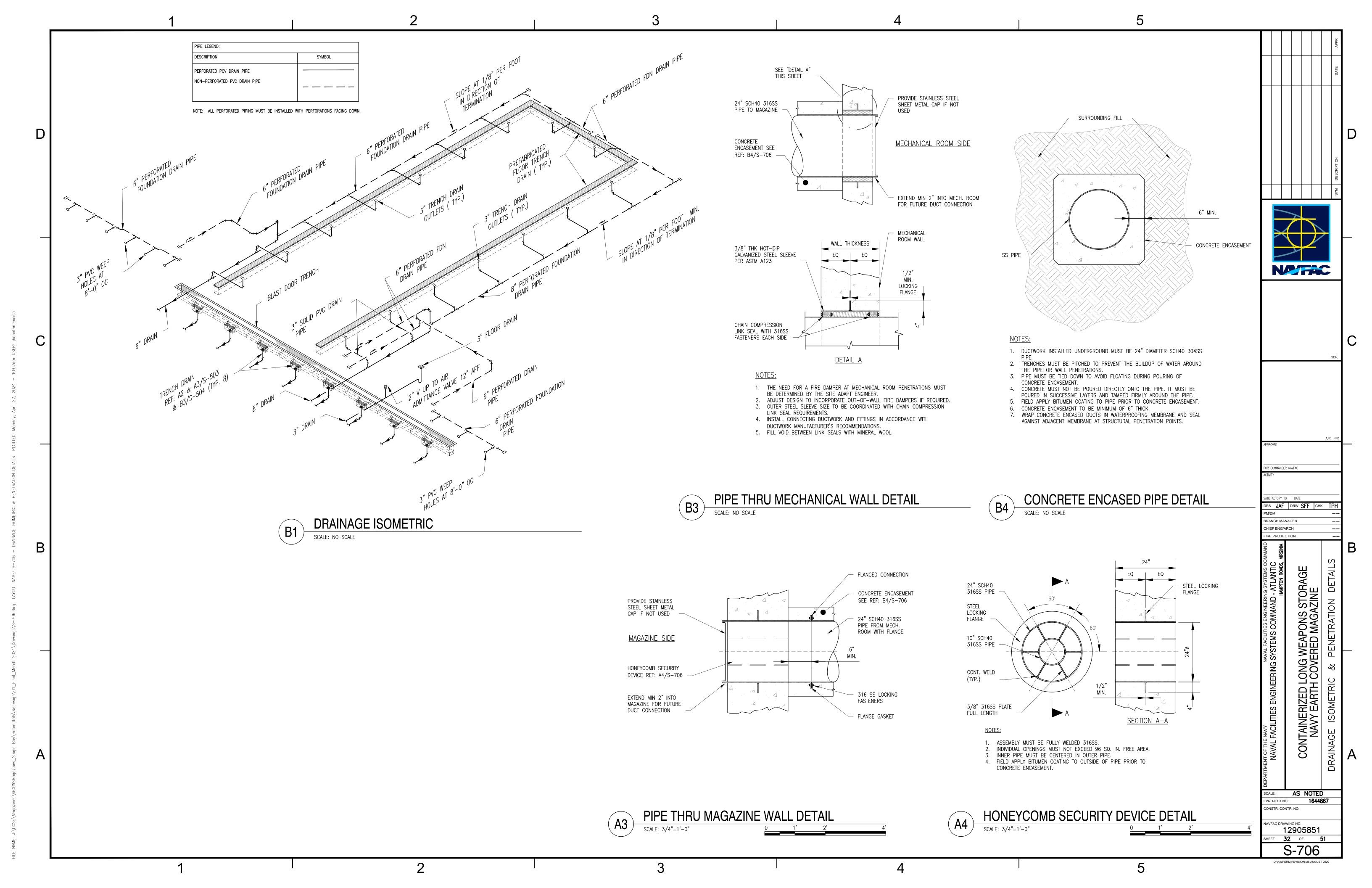


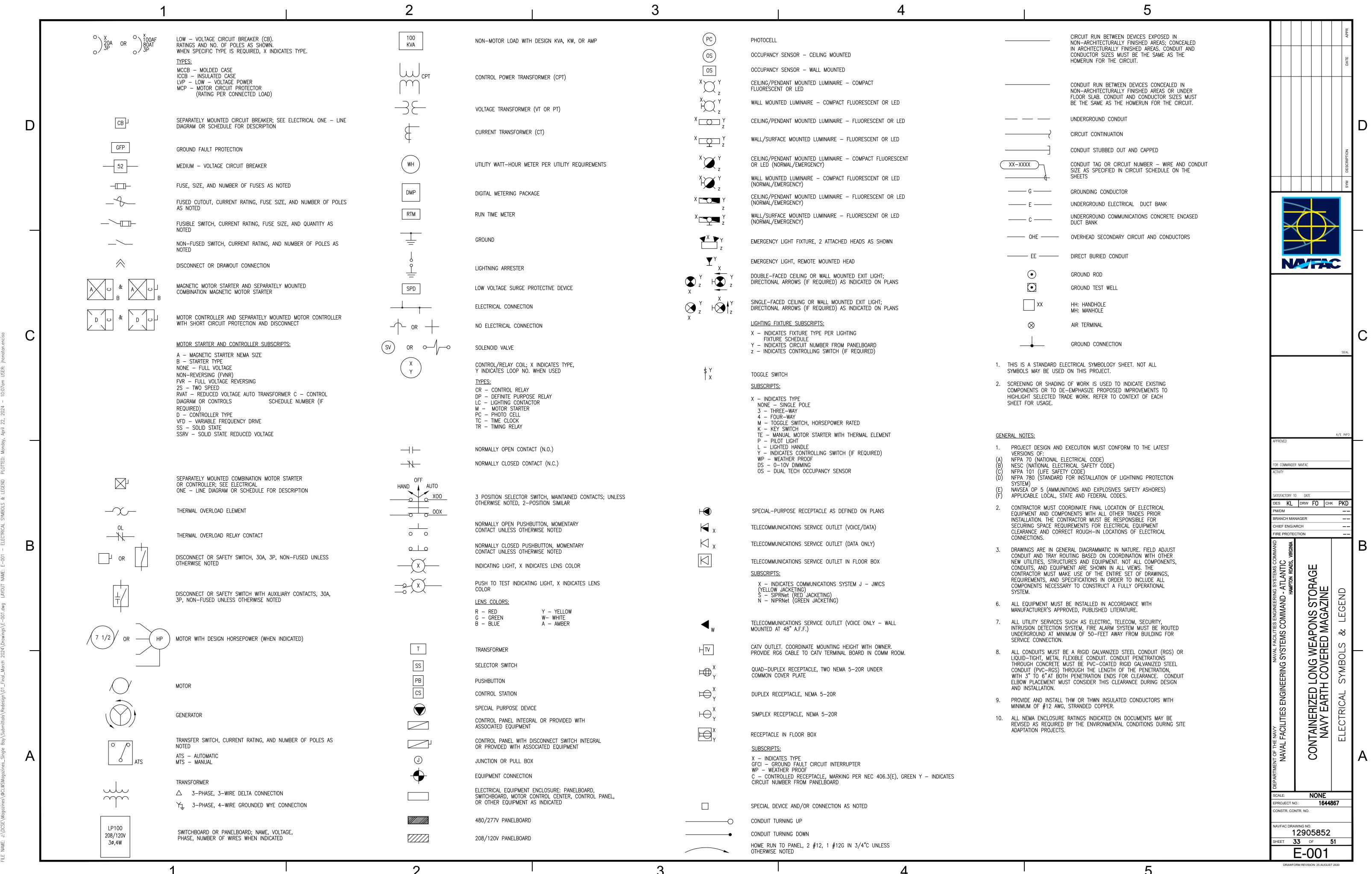


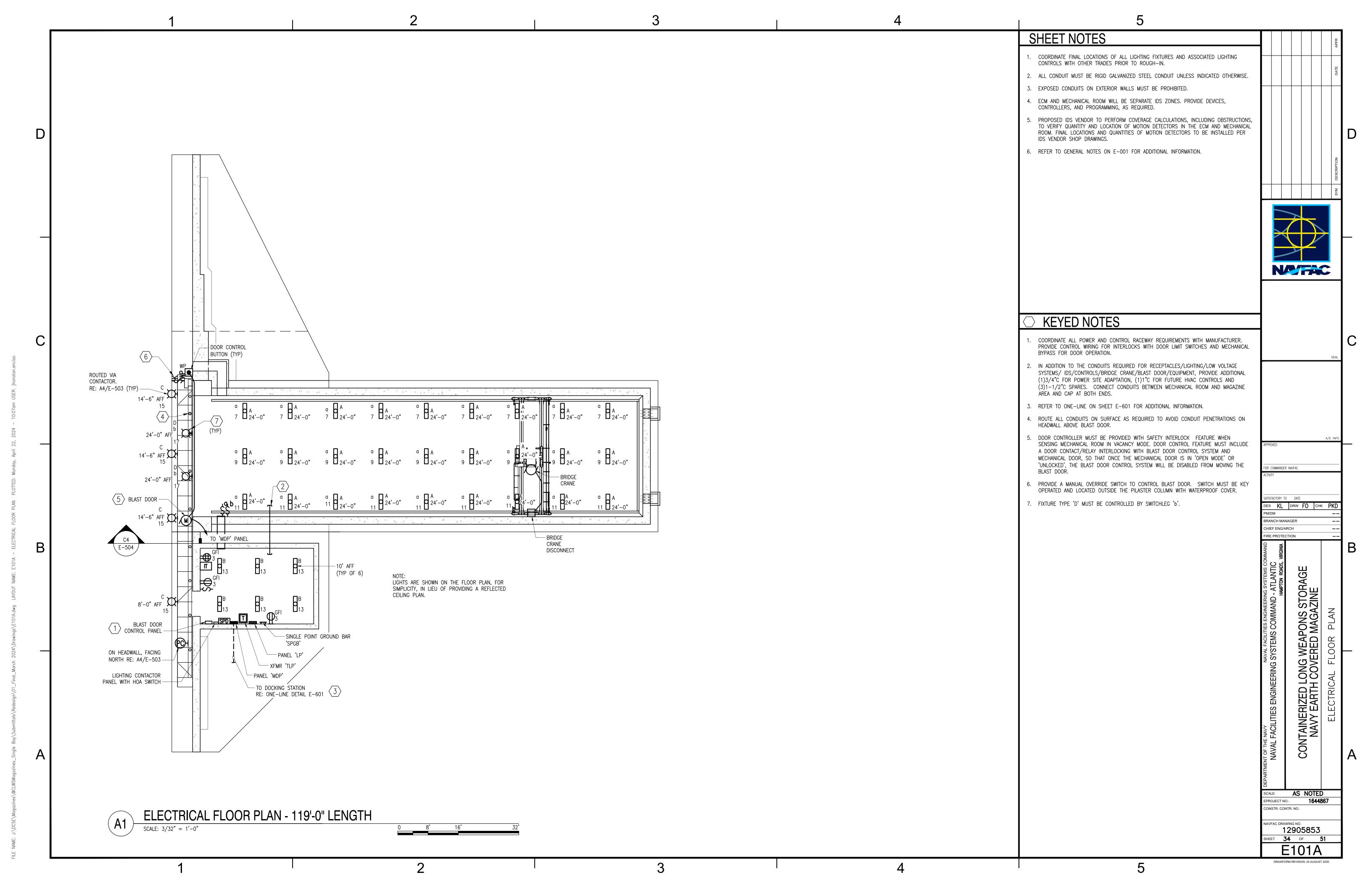


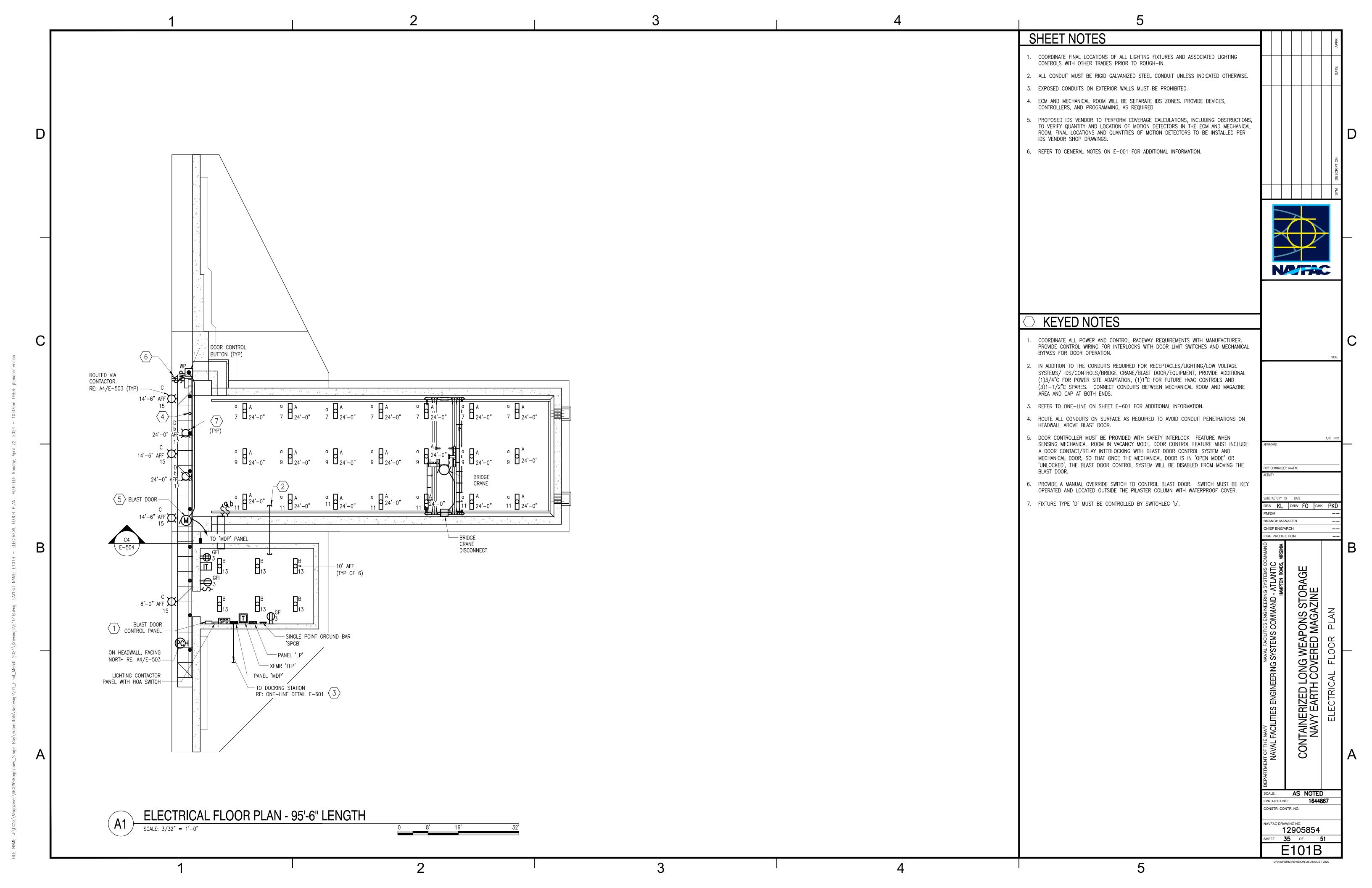


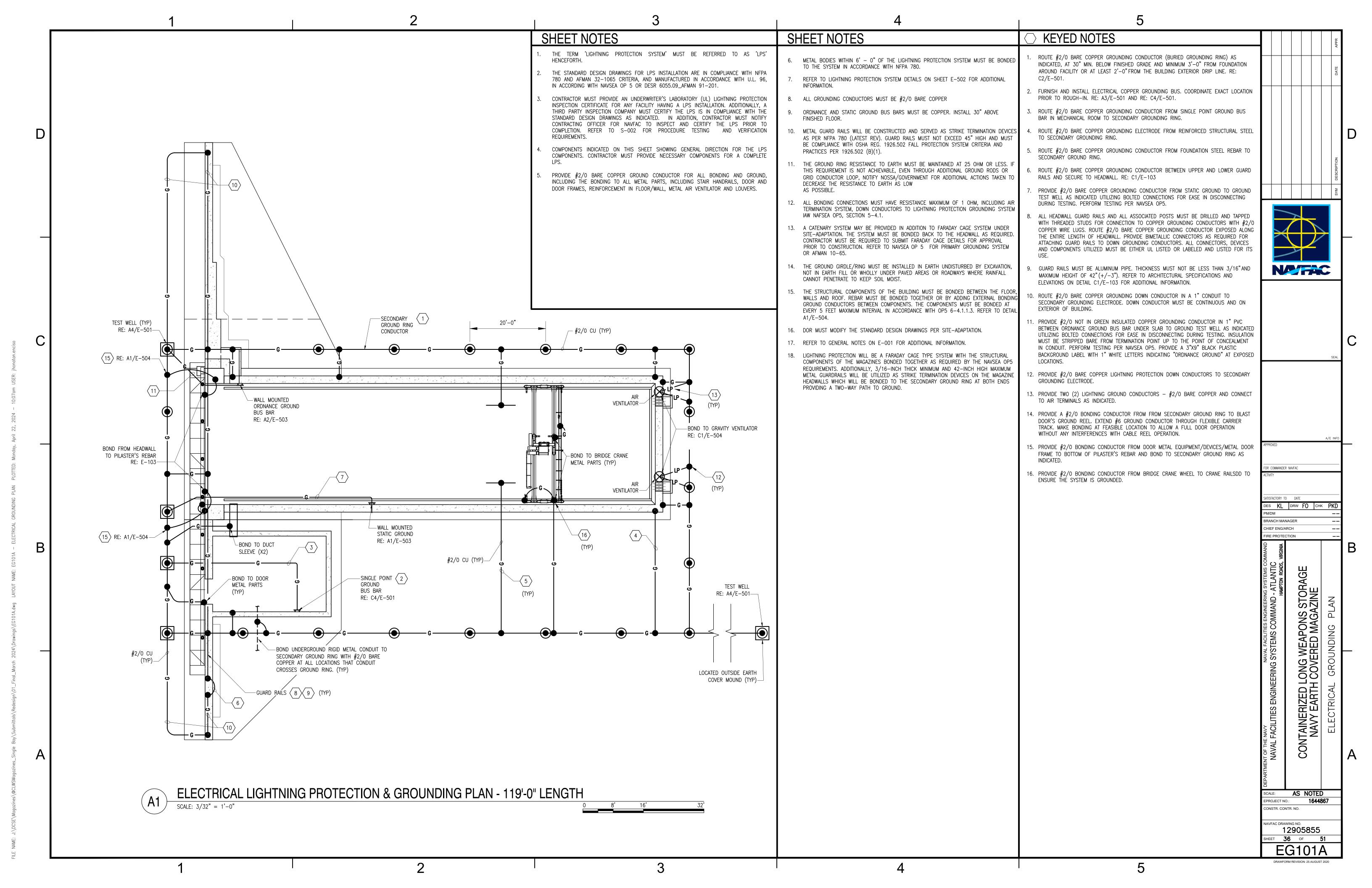


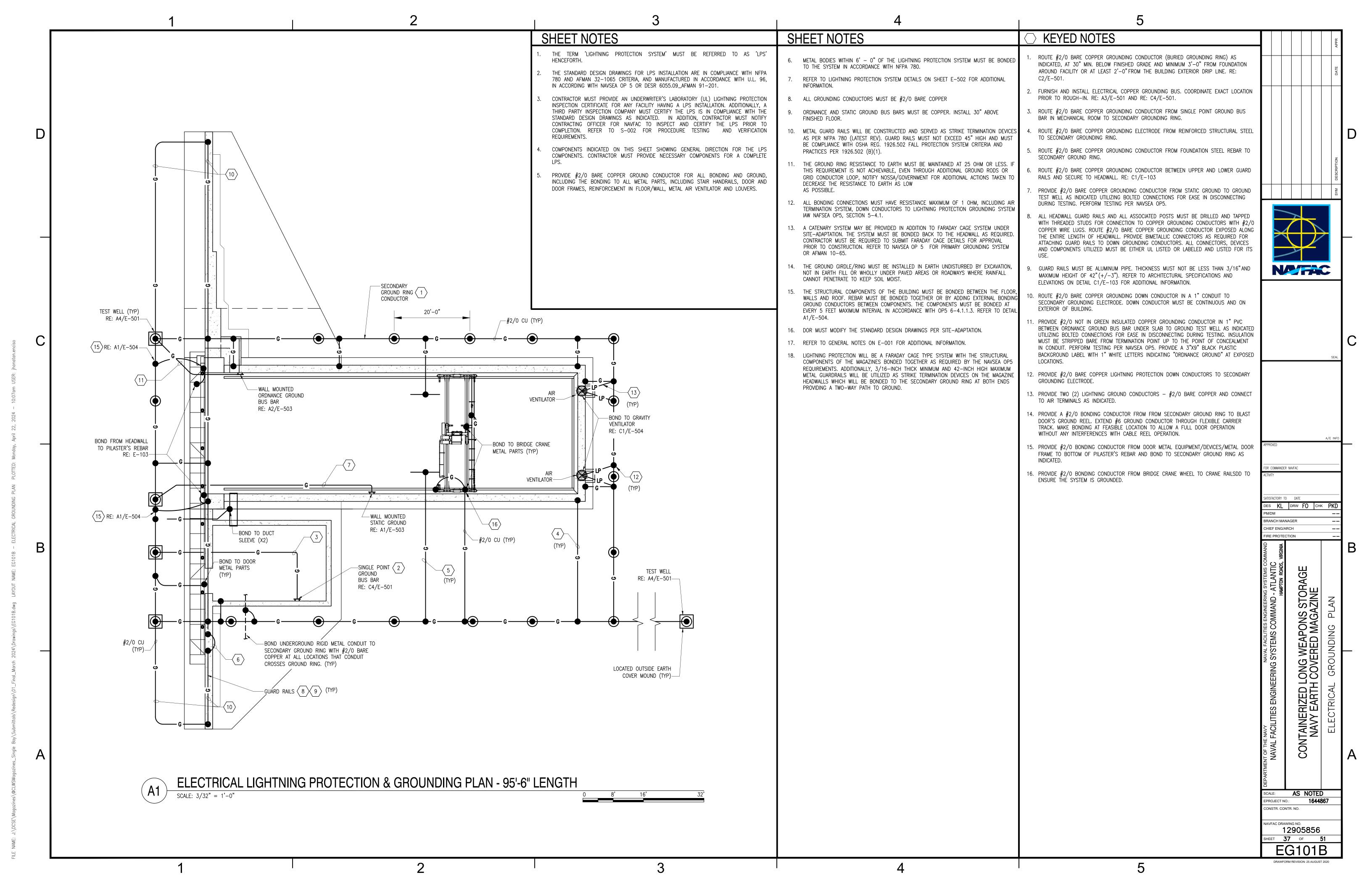


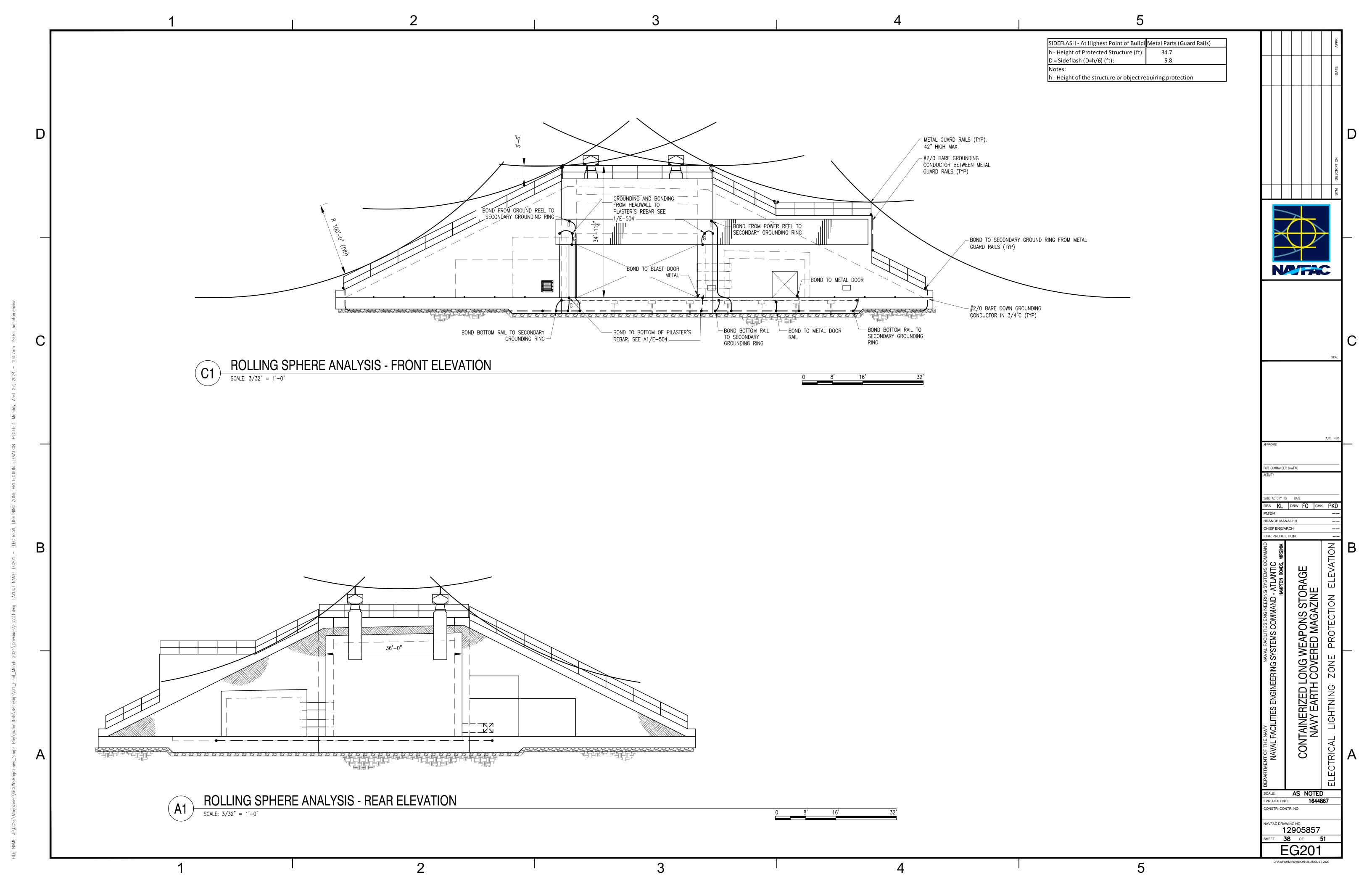


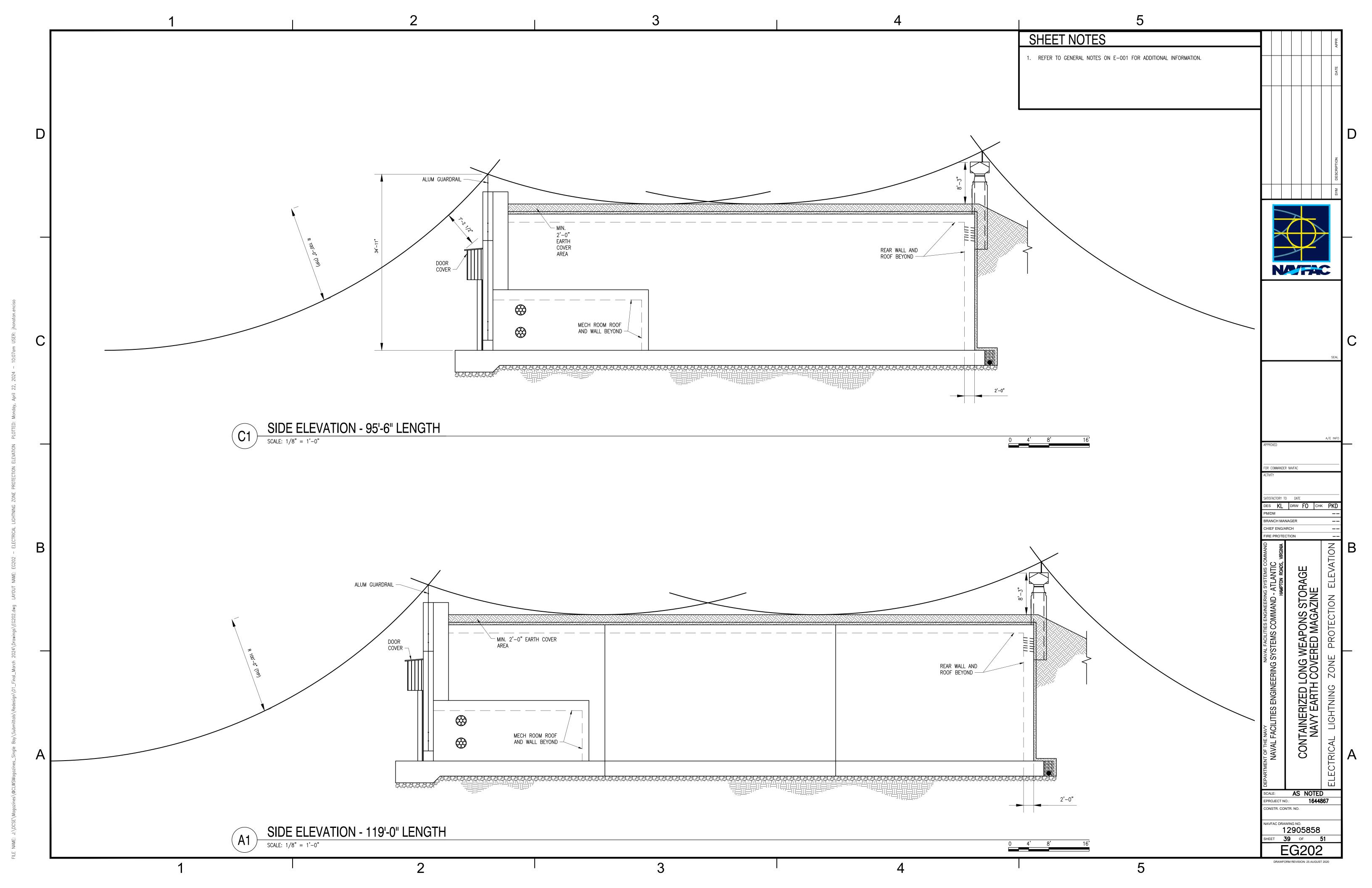


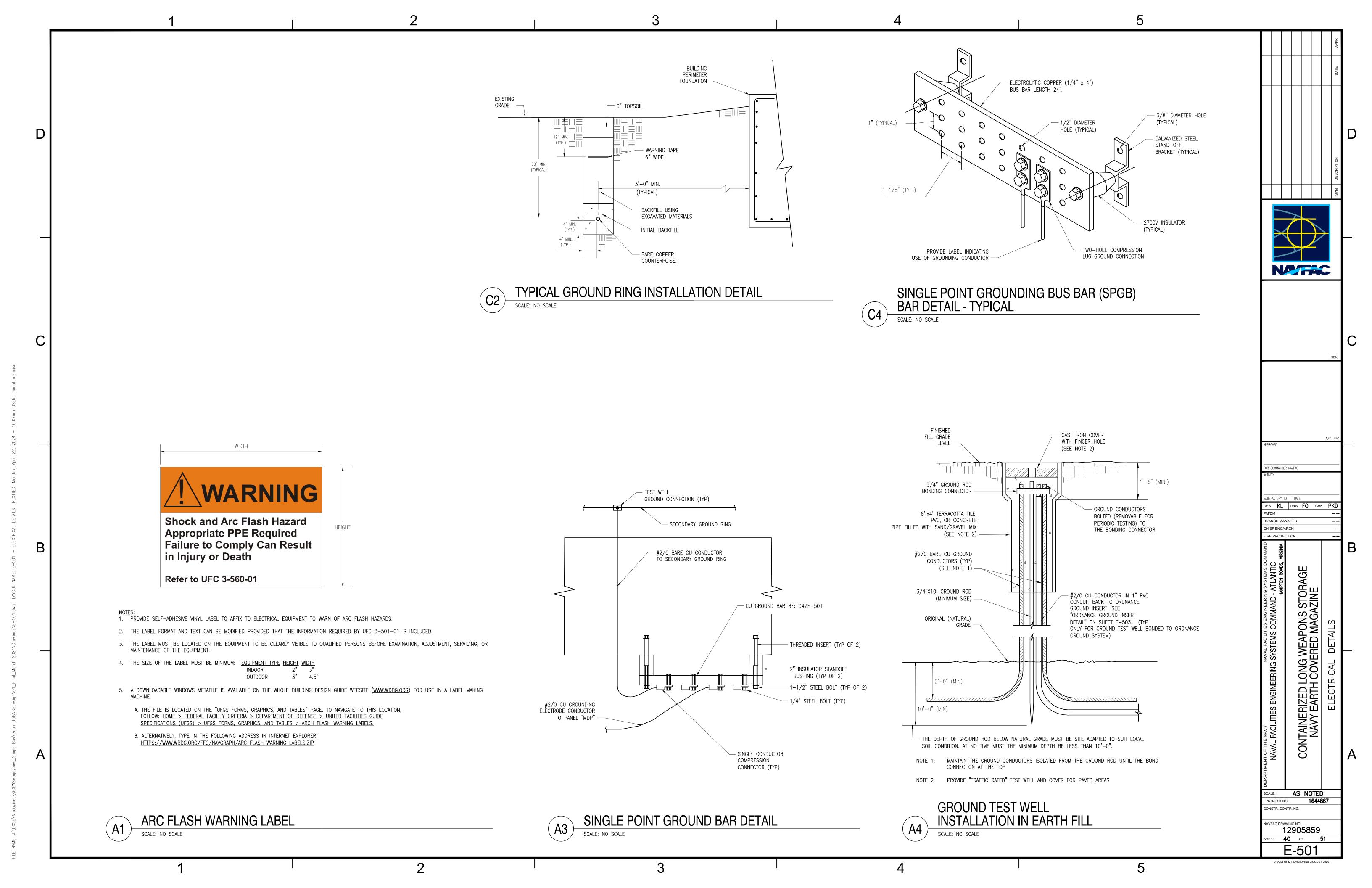


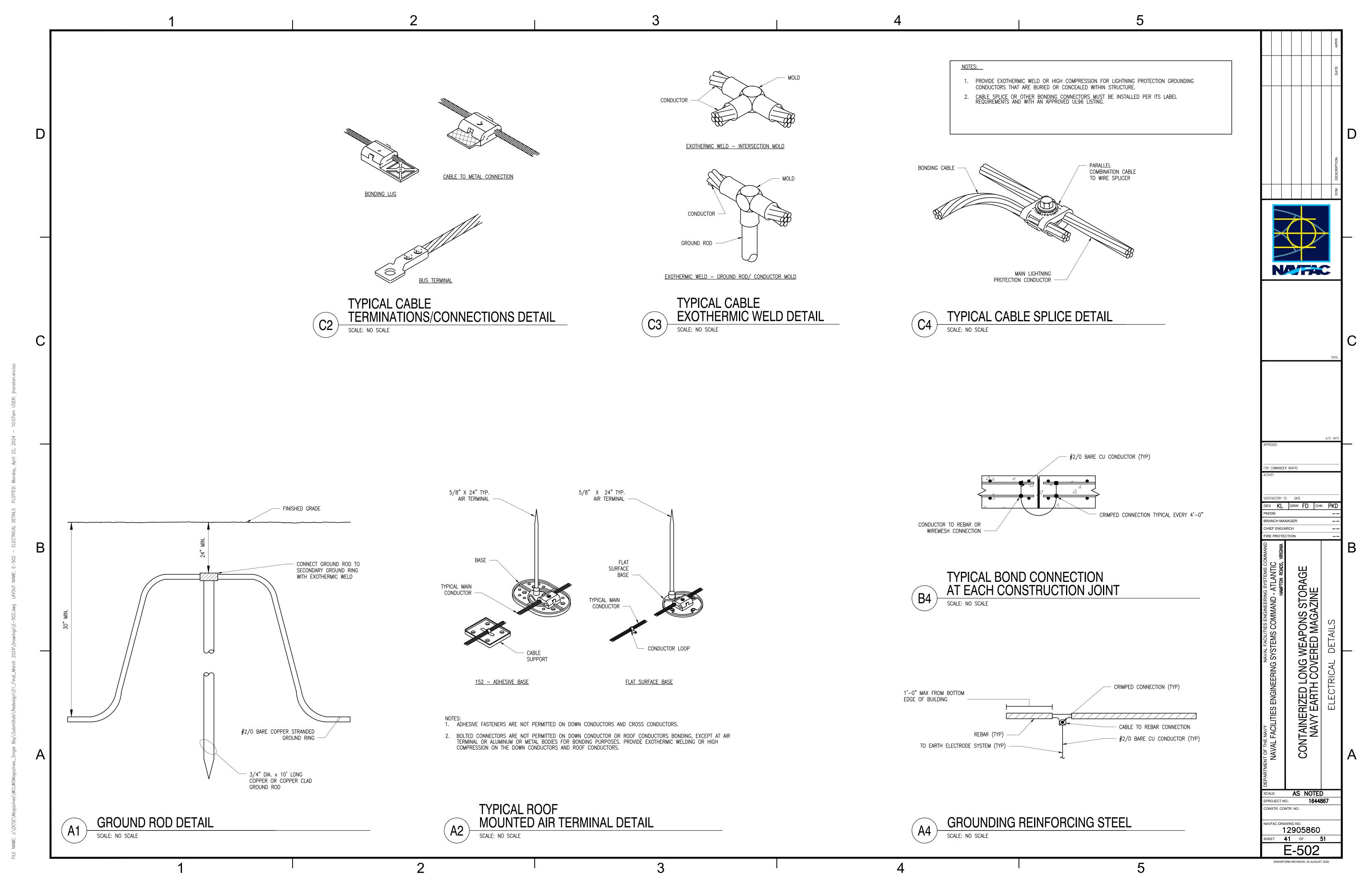


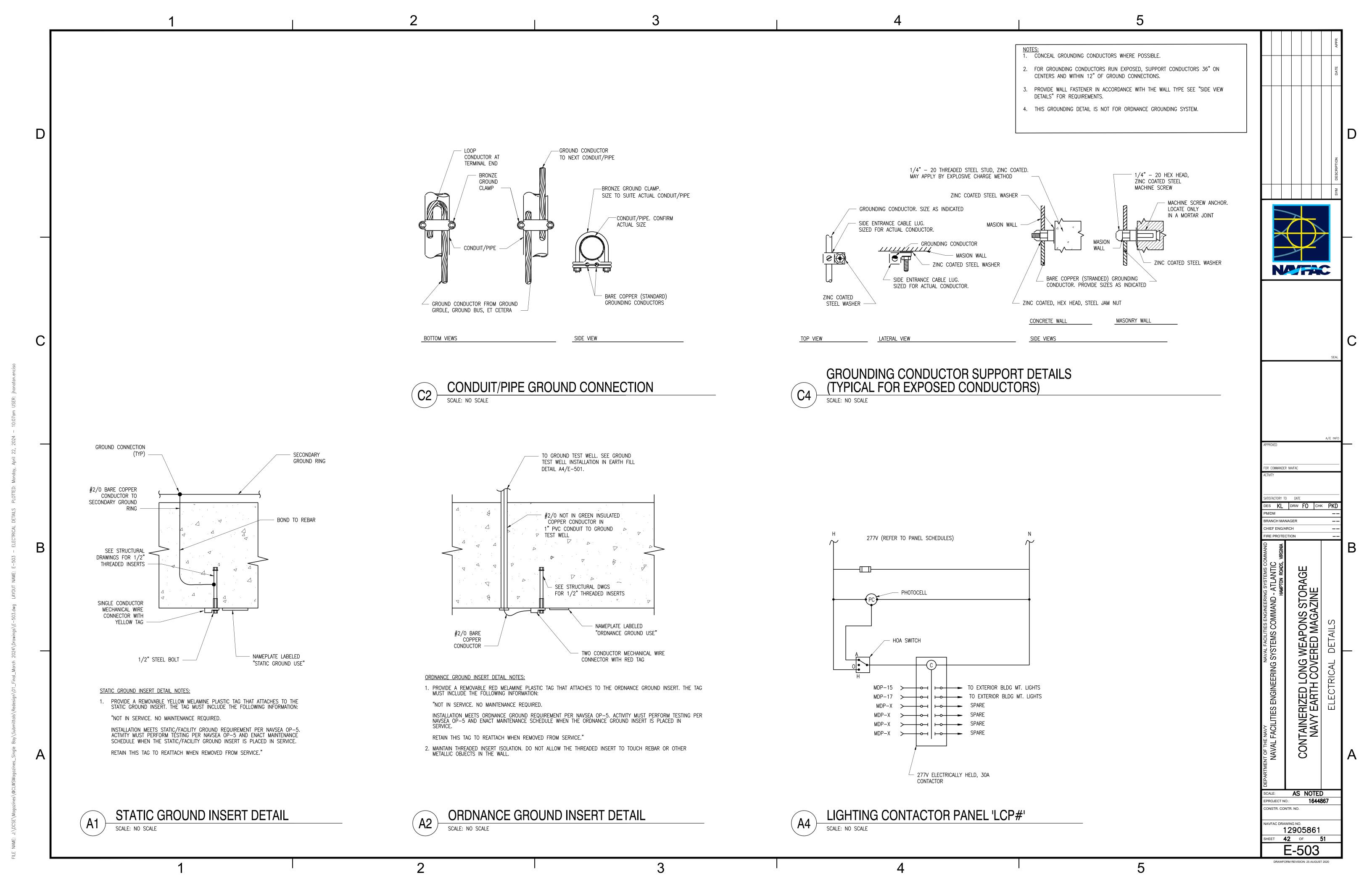


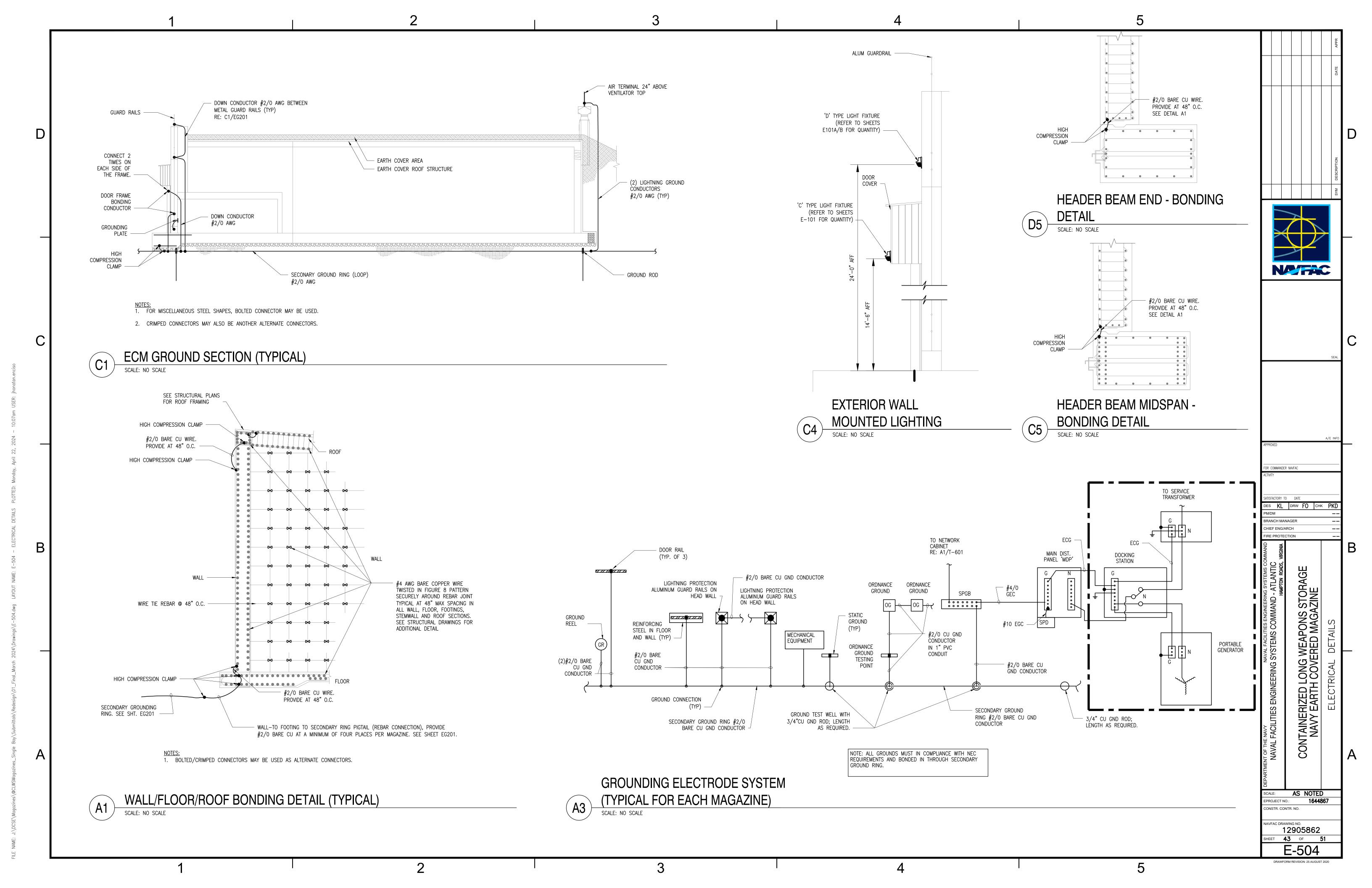


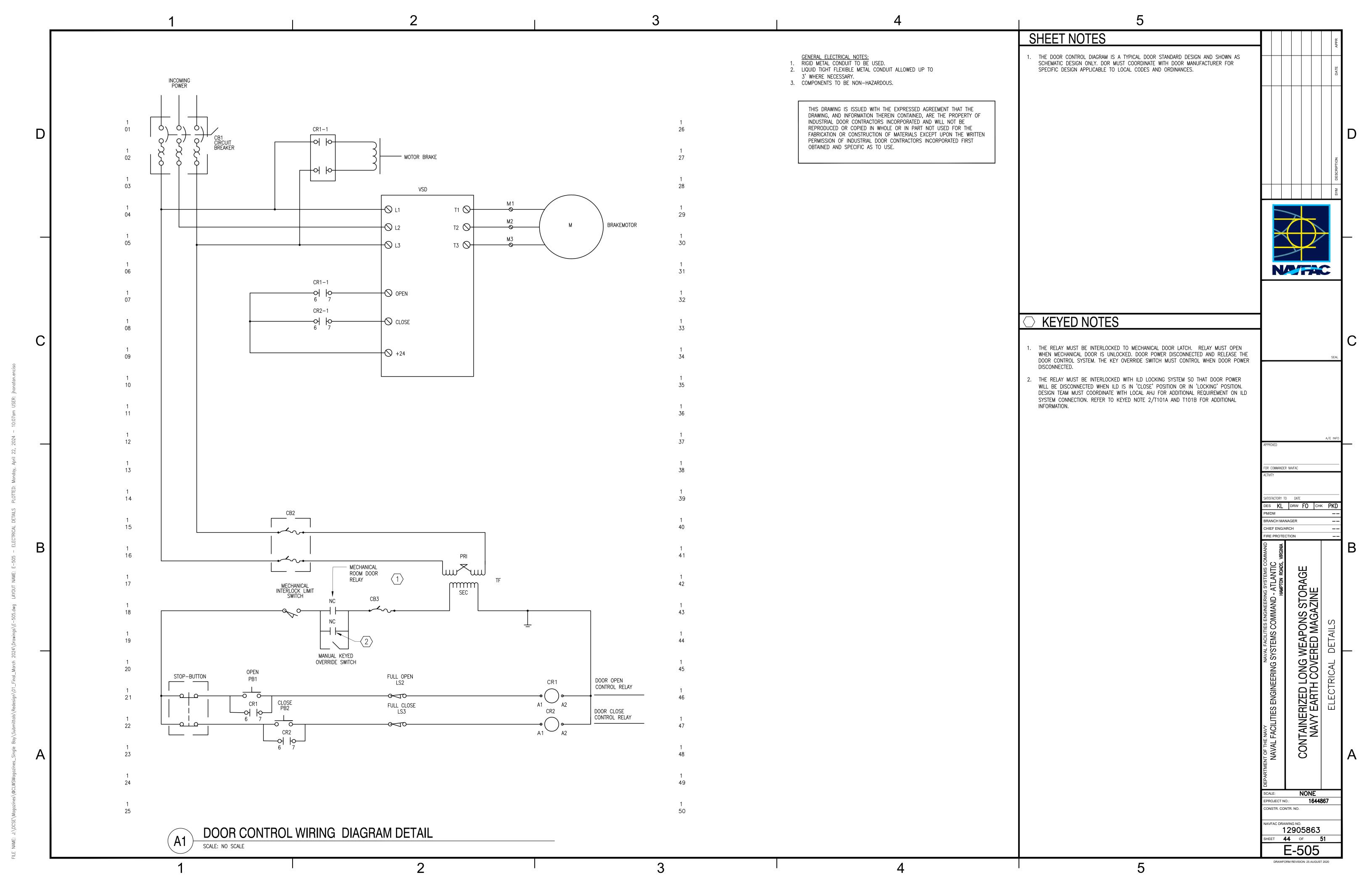


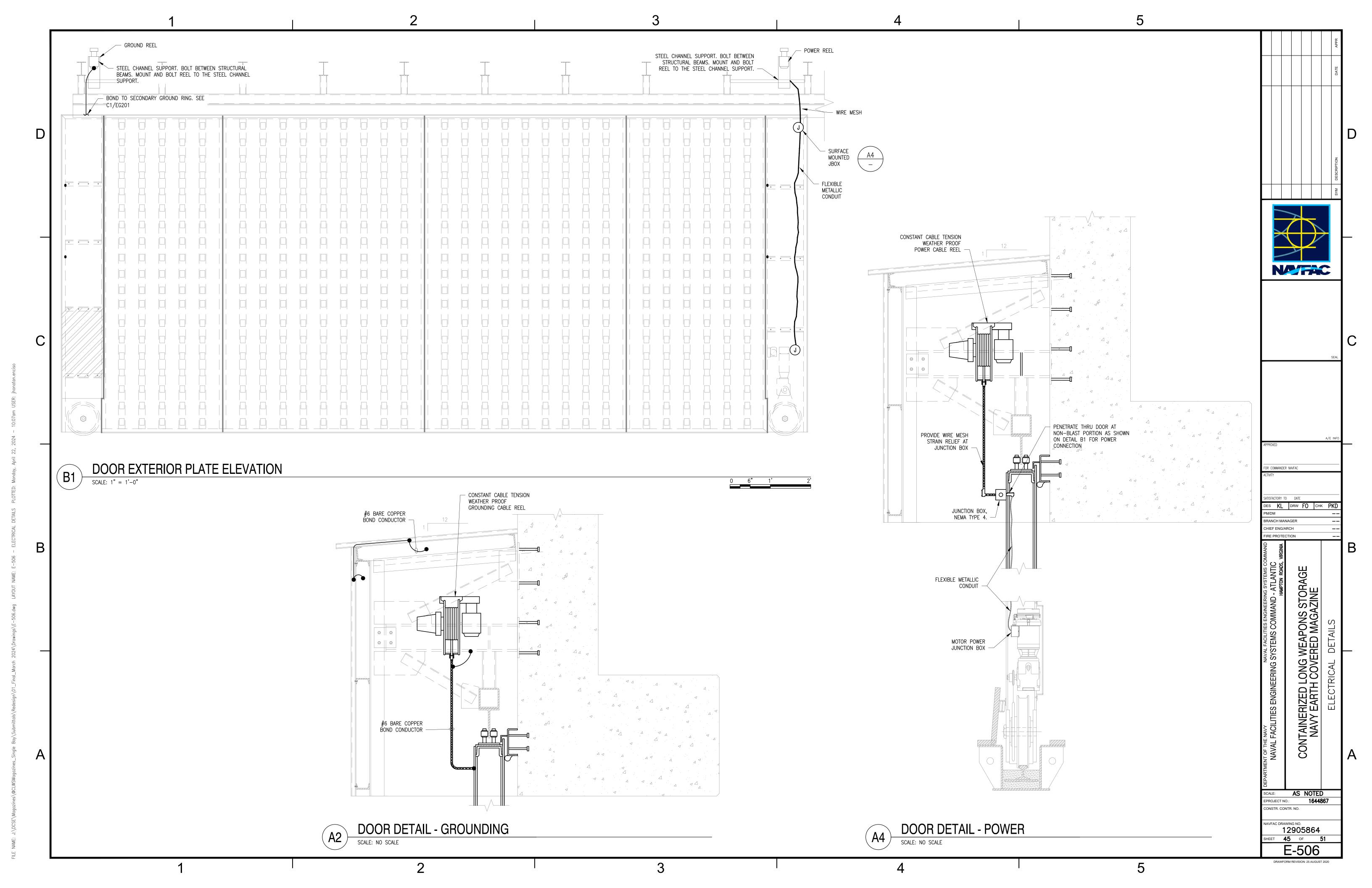


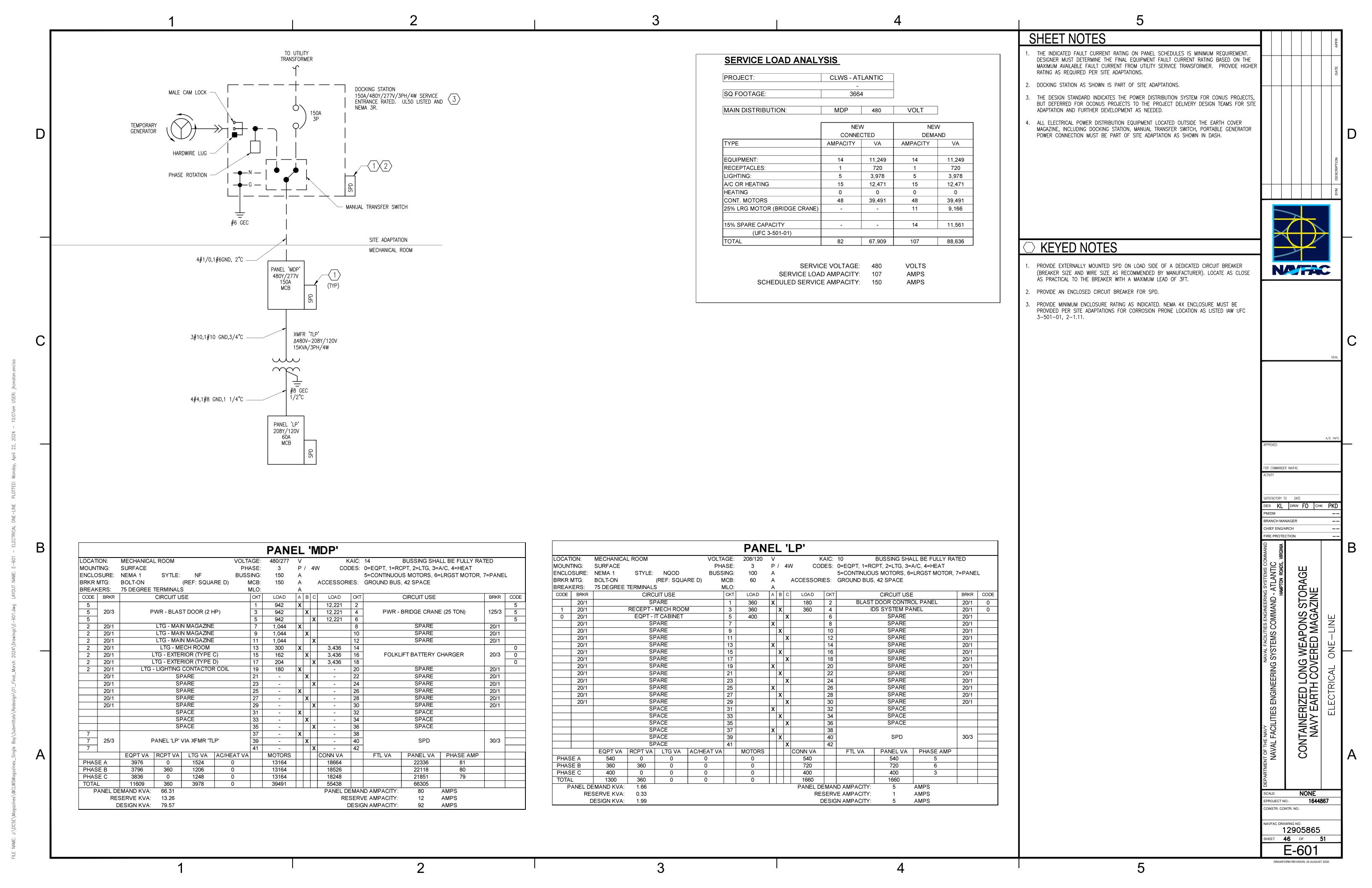


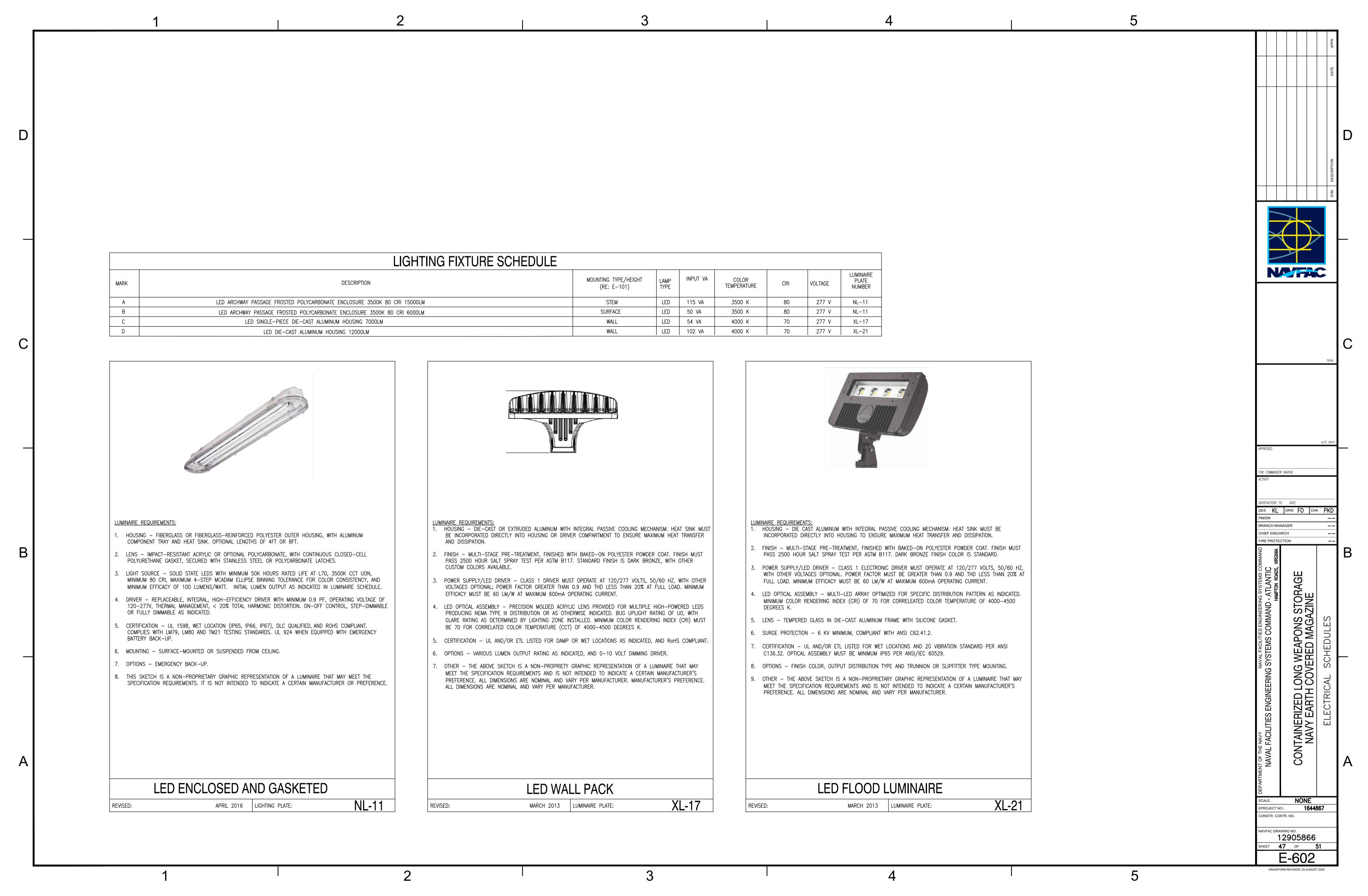












FILE NAME: J:\DCSE\Magazines\@CLWSMagazines_Single Bay\Submittals\Redesign\01_Final_March 2024\Drawings\E-602.dwg LAYOUT NAME: E-60

