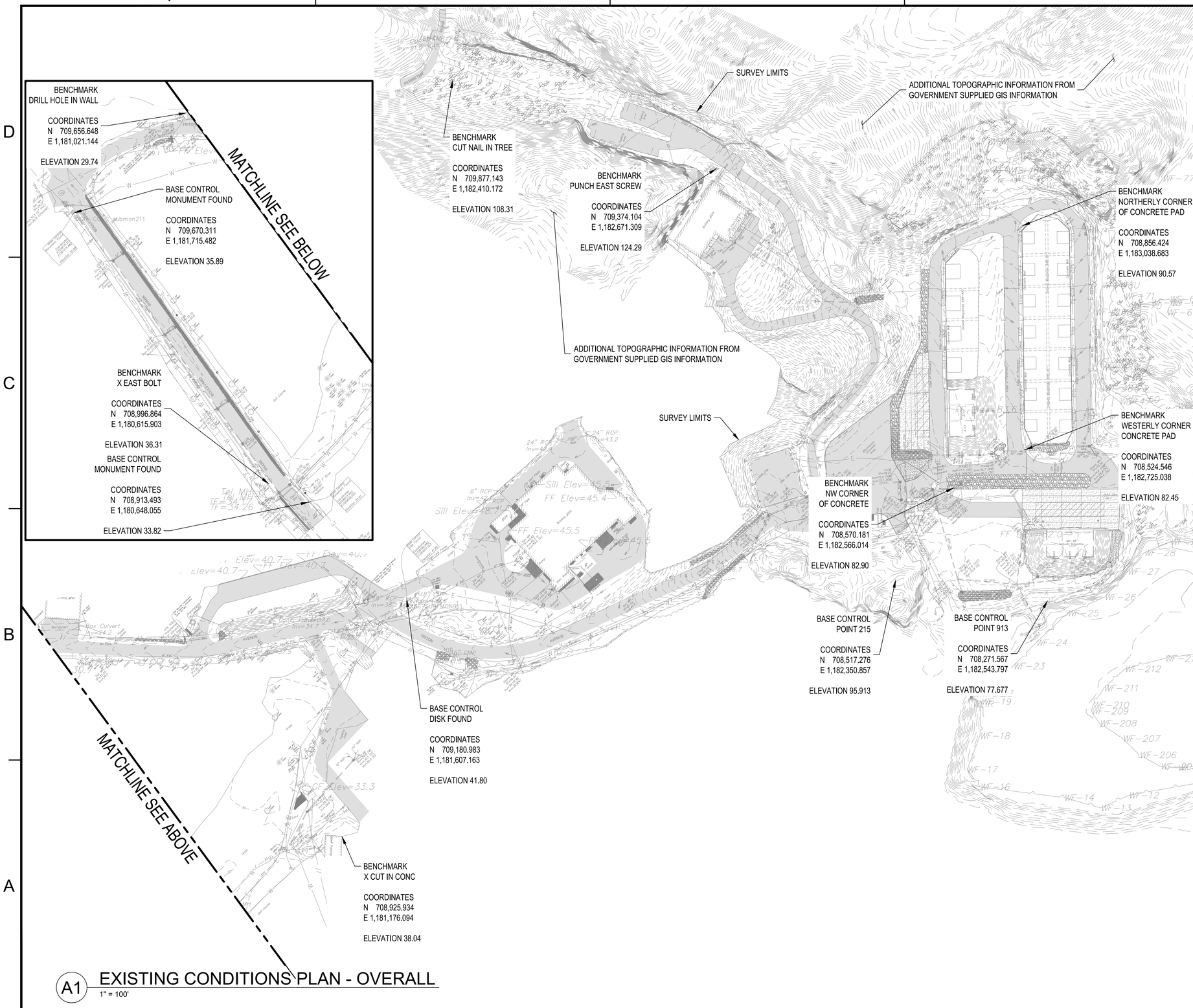


A1 EXISTING CONDITIONS PLAN - OVERALL
1" = 100'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. VERTICAL CONTROL MUST BE BASED ON BASE CONTROL DISK LOCATED ADJACENT TO TRITON AVENUE WITH COORDINATES N 709,180.983, E 1,181,607.163, ELEVATION 41.80. TRAVERSE FROM THIS POINT TO MULTIPLE LOCATIONS VISIBLE FROM EACH PART OF THE CONSTRUCTION.

SURVEYOR'S NOTES

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-A THROUGH 20-300B-20, MINIMUM STANDARDS OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS" IN THE STATE OF CONNECTICUT, EFFECTIVE JUNE 21, 1996, AMENDED OCTOBER 26, 2018.

   THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON ARE THE ACCORDANCE WITH THE REQUIREMENTS OF A TOPOGRAPHIC SURVEY, AND ARE INTENDED TO NOTE OR DEPICT THE EXISTING IMPROVEMENTS INCLUDING STRUCTURES, CONCRETE SURFACES, UTILITY POLES, CONCRETE WALLS, UNDERGROUND UTILITIES AND PARKING AREAS.

   THE CONTOUR INTERVAL IS ONE (1) FOOT.

   THERE IS NO BOUNDARY DETERMINATION/OPINION.
   THIS SURVEY CONFORMS TO TOPOGRAPHIC SURVEY ACCURACY CLASS T-2.

   FIELD SURVEY WAS COMPLETED ON MAY 26, 2020, AND UPDATED ON AUGUST 15, 2022.

2. BEARINGS AND COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM (NAD) OF 1983 PROJECTED ONTO THE CONNECTICUT STATE PLAN COORDINATE SYSTEM HOLDING BASE CONTROL POINT 215 & 913 WITH THE FOLLOWING PUBLISHED COORDINATES:

215	N 708,517.276,	E 1,182,350.857
913	N 708,271.567,	E 1,182,543.797

3. CONTOUR AND ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988 HOLDING BASE CONTROL 215 & 913 WITH THE FOLLOWING PUBLISHED ELEVATIONS: 215=95.913 AND 913=77.677
4. REFERENCE IS MADE TO THE FOLLOWING MAPS:
   A. "DEPARTMENT OF THE NAVY, NAVAL FACILITIES ENGINEERING COMMAND MID-ATLANTIC NORTHEAST, NEW LONDON SUBMARINE BASE, P-848 MK-48 TORPEDO MAGAZINE, EXISTING FEATURES PLAN", SCALE 1"=30'
5. PARCEL IS IDENTIFIED AS TAX MAY 119, BLOCK 2120, LOT 1421 ON THE LEDYARD ASSESSOR'S MAP.
6. PROPERTY IS LOCATED IN ZONE "X" AS DEPICTED ON FLOOD INSURANCE RATE MAP (FIRM) PANEL 0364J, NEW LONDON COUNTY, CONNECTICUT, TOWN OF GROTON, COMMUNITY NUMBER 090097, TOWN OF LEDYARD, COMMUNITY NUMBER 090157, CITY OF NEW LONDON, COMMUNITY NUMBER 090100, TOWN OF WATERFORD, COMMUNITY NUMBER 090107, MAP NUMBER 09011CO364J, MAP REVISED AUGUST 5, 2013.
7. LIMIT OF INLAND WETLANDS AS FLAGGED BY DTC (MAY, 2011) FIELD LOCATED BY THE LRC GROUP
8. THE SUBSURFACE UTILITIES DEPICTED HEREON CONFORM TO THE FOLLOWING UTILITY QUALITY LEVELS, AD DEFINED BY THE AMERICAN SOCIETY OF CIVIL ENGINEERS (ASCE) IN DOCUMENT CI/ASCE 38-02 TITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA":
   - SANITARY SEWER: QLC
   - STORM SEWER: QLC
   - WATER: QLC AND QLD
   - NATURAL GAS: QLC AND QLD
     - ELECTRIC: QLC AND QLD
     - COMMUNICATIONS: QLC AND QLD

   THE SUBSURFACE UTILITIES WERE COMPILED FROM PAROL EVIDENCE, RECORD DRAWINGS, AND SURFICIAL EVIDENCE LOCATED DURING THE FIELD SURVEY. THE SURVEYOR HAS NOT PHYSICALLY EXPOSED THE SUBSURFACE UTILITIES, AND MAKES NO GUARANTEE THAT THE SUBSURFACE UTILITIES DEPICTED HEREON COMPRISE ALL SUCH UTILITIES WITHIN THE SURVEYED AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT OR GUARANTEE THAT THE SUBSURFACE UTILITIES ARE IN THE EXACT LOCATION DEPICTED, THOUGH THEY HAVE BEEN PLOTTED, IN ACCORDANCE WITH THE STANDARD OF CARE, FROM INFORMATION AVAILABLE. UTILIZE THE LOCAL UTILITY ONE CALL SYSTEM PRIOR TO EXCAVATION FOR THE PURPOSE OF VERIFYING THE SUBSURFACE UTILITIES IN THE AREA.

GRAPHIC SCALE
1"=100' 0' 100' 200'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

SHEET IS FOR INFORMATION ONLY
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

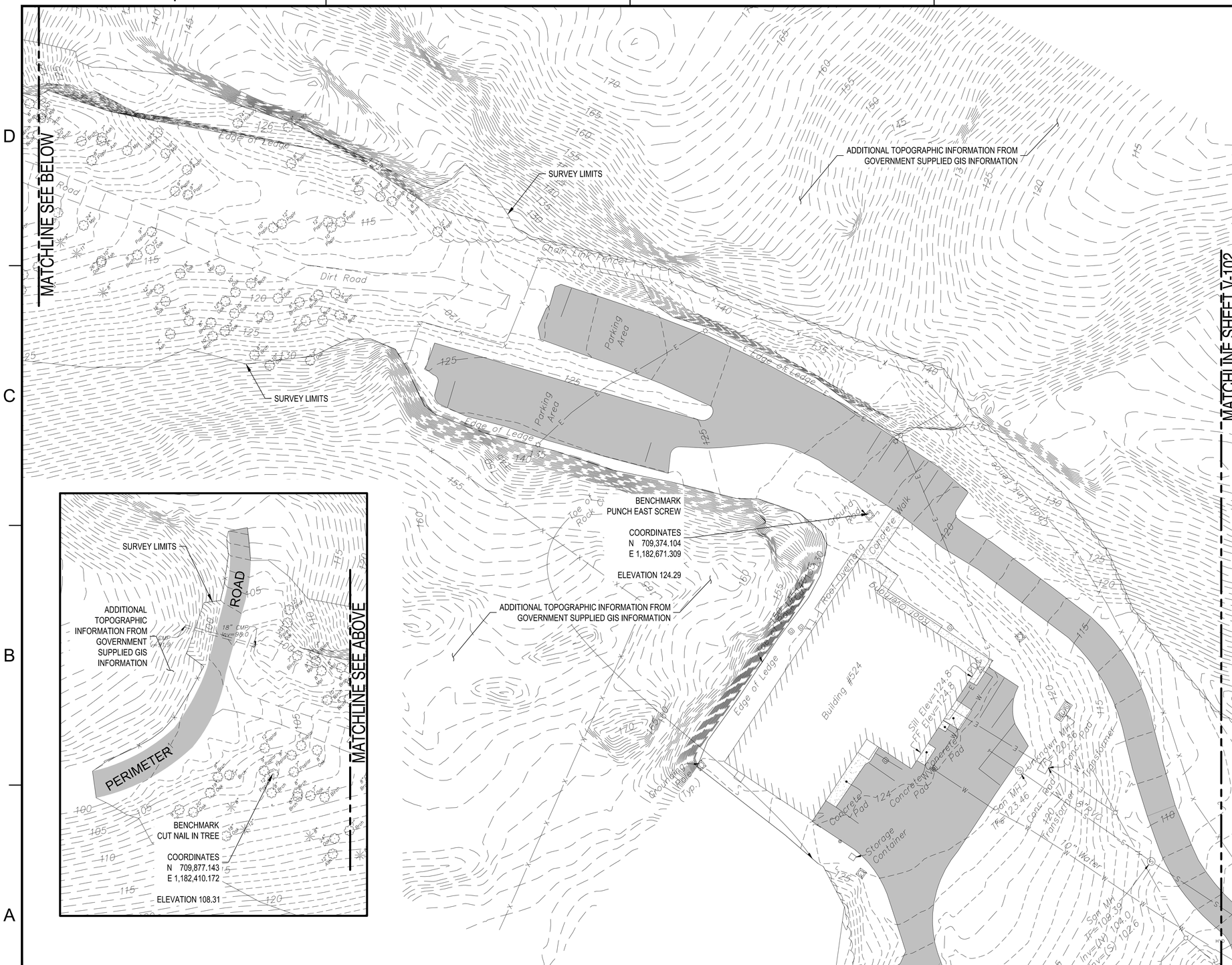
APPROVED
FOR COMMANDER NAVFAC 3/14/2025
ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
EXISTING CONDITIONS PLAN - OVERALL

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893830
SHEET 24 OF 152
V-100

FILE NAME: C:\pw_workdir\pw0033\jcinney.corum@jacobs.com\d0919642\P1102_V-100.dwg LAYOUT NAME: V-100 EXISTING CONDITIONS PLAN - OVERALL PLOTTED: Tuesday, June 17, 2025 - 1:25pm USER: CORUML

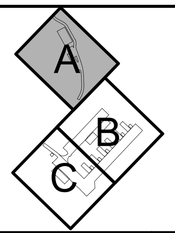


GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.

KEYED NOTES

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

SHEET IS FOR INFORMATION ONLY

SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

INSPECTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT

P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE

CIVIL
EXISTING CONDITIONS PLAN - AREA A

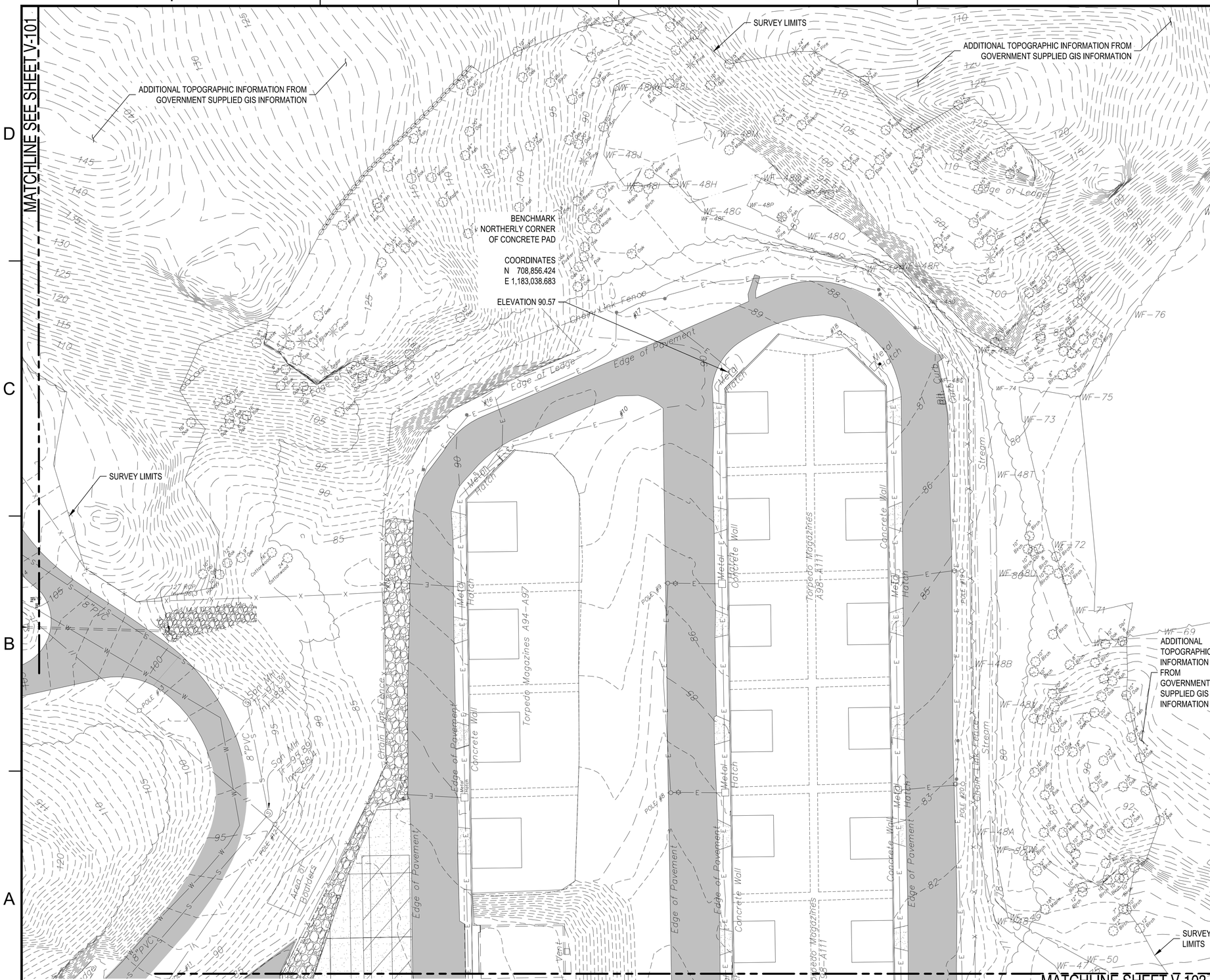
SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893831
SHEET 25 OF 152

V-101

A1 EXISTING CONDITIONS PLAN - AREA A

1" = 30'

FILE NAME: C:\pw_workdir\dms0033\jdney.consum@jacobs.com\d0919642\P1102_V-101.dwg LAYOUT NAME: V-101 EXISTING CONDITIONS PLAN PLOTTED: Tuesday, June 17, 2025 - 1:26pm USER: CORUMJL



A1 EXISTING CONDITIONS PLAN - AREA B

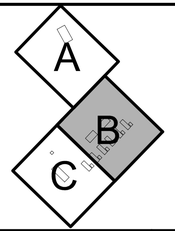
1" = 30'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.

KEYED NOTES

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

SHEET IS FOR INFORMATION ONLY

SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 31 MAY 2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM			SMS/CWJ
BRANCH MANAGER			DLB
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

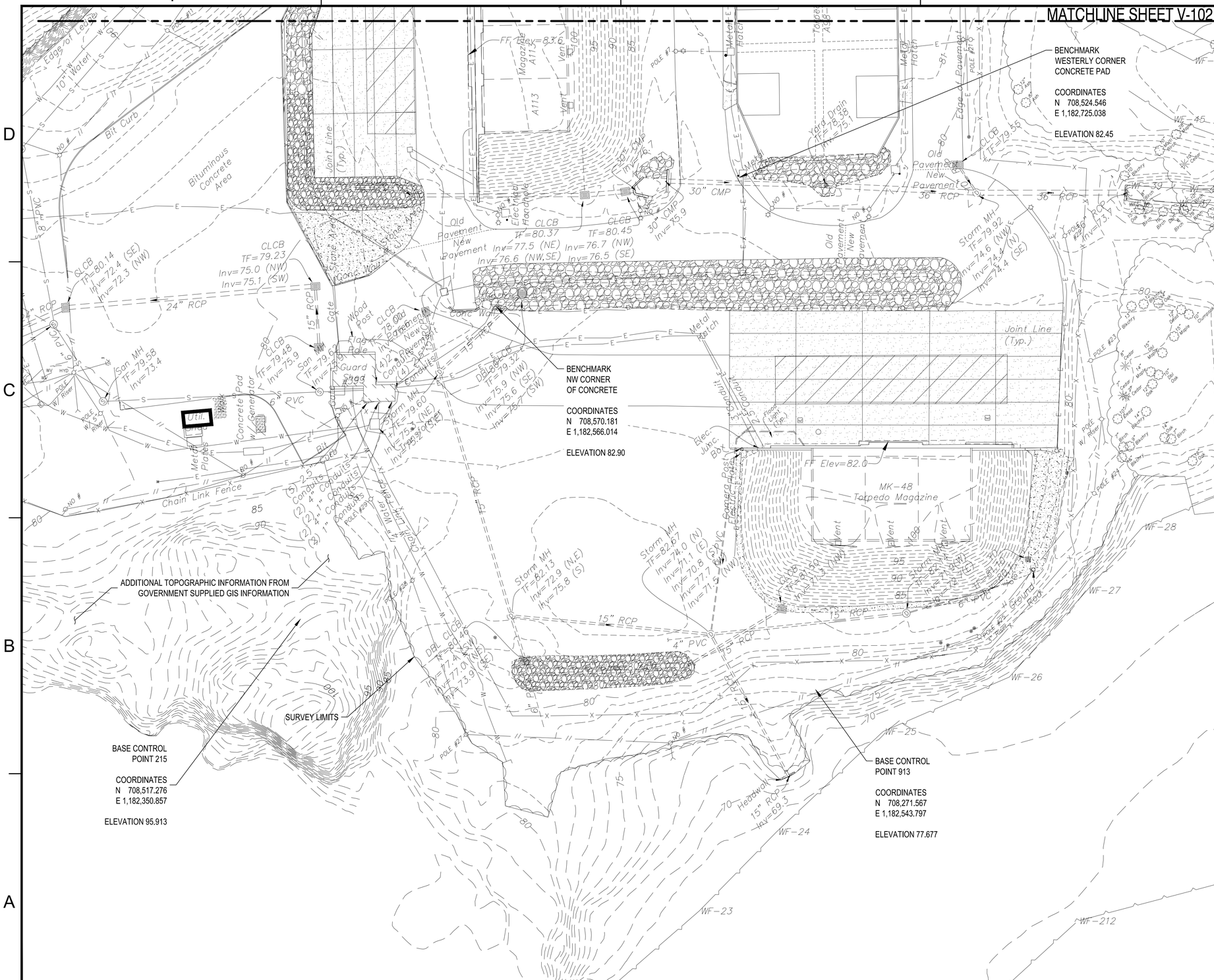
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
EXISTING CONDITIONS PLAN - AREA B

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893832
SHEET 26 OF 152
V-102

FILE NAME: C:\pw_workdir\dms\d0013\jdiney.consultant@jacobs.com\d0919642\P1102_V-102.dwg LAYOUT NAME: V-102 EXISTING CONDITIONS PLAN PLOTTED: Tuesday, June 17, 2025 - 1:27pm USER: CORUML


MATCHLINE SHEET V-102
BENCHMARK
WESTERLY CORNER
CONCRETE PAD
COORDINATES
N 708,524.546
E 1,182,725.038
ELEVATION 82.45
BENCHMARK
NW CORNER
OF CONCRETE
COORDINATES
N 708,570.181
E 1,182,566.014
ELEVATION 82.90
ADDITIONAL TOPOGRAPHIC INFORMATION FROM
GOVERNMENT SUPPLIED GIS INFORMATION
SURVEY LIMITS
BASE CONTROL
POINT 215
COORDINATES
N 708,517.276
E 1,182,350.857
ELEVATION 95.913
BASE CONTROL
POINT 913
COORDINATES
N 708,271.567
E 1,182,543.797
ELEVATION 77.677
MK-48
Torpedo Magazine
FF Elev=82.0
Bituminous
Concrete
Area
Chain Link Fence
Joint Line
(Typ.)
Edge of Pavement
Edge of Ledge
Bit Curb
Concrete Pad
W/ Generator
Storm MH
Storm MH
Storm MH

GENERAL SHEET NOTES

1. DO NOT SCALE DIMENSIONS FOR CONSTRUCTION PURPOSES. USE DIMENSIONED VALUES PROVIDED IN THE DRAWINGS AND SPECIFICATIONS.
2. BASELINES AND STATIONING HAVE BEEN ESTABLISHED FOR REFERENCE ONLY. VERIFY DIMENSIONS AND LOCATION OF STRUCTURES.
3. PERFORM WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS AND ORDINANCES. PROTECT PUBLIC FROM ONGOING CONSTRUCTION OPERATIONS.
4. INFORMATION REGARDING THE REPORTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES HAS BEEN SHOWN ON THE DRAWINGS AND RECORDED AS SUCH IN GOOD FAITH. THERE IS NO IMPLIED GUARANTEE OF THE ACCURACY OF THE INFORMATION AND IT MUST BE CONSIDERED IN THIS LIGHT.
5. UNDERGROUND UTILITIES ARE SHOWN AT APPROXIMATE ELEVATIONS AND LOCATIONS. EXACT LOCATIONS AND SIZES OF EXISTING UTILITIES IN THE AREA OF CONSTRUCTION MUST BE VERIFIED IN THE FIELD WITH A REPRESENTATIVE FROM THE UTILITY COMPANY OR PWD PRIOR TO EXCAVATION.
6. CONFINE WORK TO THE LIMITS OF CONSTRUCTION SHOWN ON DRAWINGS.
7. USE ONLY ESTABLISHED ROADWAYS AND OBSERVE APPLICABLE WEIGHT RESTRICTIONS FOR VEHICLES AND/OR ROADWAYS.
8. SEQUENCE OF WORK MUST BE SELECTED TO MINIMIZE INTERRUPTIONS TO TRAFFIC FLOW AND UTILITY SERVICE AND NEW LONDON OPERATIONS, IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
9. CONDUCT EARTHMOVING ACTIVITIES IN A MANNER THAT WILL PREVENT ACCELERATED EROSION AND RESULTING SEDIMENTATION, IN ACCORDANCE WITH THE STORM WATER POLLUTION CONTROL PLAN DEVELOPED FOR THIS SITE.
10. UNDER THIS CONTRACT, THE INTENT IS THAT EXCAVATED SOILS ARE REUSED ON-SITE TO THE GREATEST EXTENT PRACTICABLE AND ECONOMICALLY JUSTIFIED. IF REUSE IS NOT PRACTICAL OR ECONOMICAL AND DISPOSAL ON THE GOVERNMENT INSTALLATION IS NOT AVAILABLE, SOIL REMOVED FROM THE CONSTRUCTION SITE MUST BE TAKEN OFFSITE.
11. CONTOUR INTERVAL IS 1-FOOT, 2-FOOT CONTOURS SHOWN FOR ROCK CUTS AND EARTH COVER OVER MAGAZINES FOR CLARITY.
12. COORDINATE TEMPORARY STREET CLOSURES AND TRAFFIC CONTROL SIGNAGE WITH THE INSTALLATION.
13. CONDUCT EARTHWORK UNDER THE SUPERVISION OF A REGISTERED GEOTECHNICAL ENGINEER.

DEBRIS REMOVAL NOTES

1. EXCESS MATERIALS ASSOCIATED WITH THE CONSTRUCTION OF THIS PROJECT, MUST BE REMOVED FROM THE GOVERNMENT PROPERTY UNLESS OTHERWISE AUTHORIZED BY THE CONTRACTING OFFICER.

GEOTECHNICAL NOTES

1. A GEOTECHNICAL FIELD INVESTIGATION WAS CONDUCTED IN MAY 2020 AND JUNE 2022 BY TERRACON.
2. A GEOTECHNICAL DATA REPORT WAS PROVIDED TO JACOBS ENGINEERING ON 01 SEPTEMBER 2022.
3. EIGHT (8) SOIL BORINGS WERE COMPLETED IN MAY 2020 AND AN ADDITIONAL THIRTY-ONE (31) TEST BORINGS IN JUNE 2022. BORING LOCATIONS ARE SHOWN ON SHEET BB101 AND BORING LOGS SHOWN ON SHEETS BB301 TO BB308.
4. NINE (9) INFILTRATION TESTS WERE PERFORMED AND RATES RANGED FROM 0 IN/HR TO 24 IN/HR.

SURVEY NOTES

1. FIELD SURVEY WAS COMPLETED ON MAY 26, 2020 AND UPDATED ON AUGUST 15, 2022.
2. BEARINGS AND COORDINATES ARE REFERENCED TO THE NORTH AMERICAN DATUM (NAD) OF 1983 PROJECTED ONTO THE CONNECTICUT STATE PLAN COORDINATE SYSTEM HOLDING BASE CONTROL POINTS 215 & 913 WITH THE FOLLOWING PUBLISHED COORDINATES:
   215 N 708,517.276, E 1,182,350.857
   913 N 708,271.567, E 1,182,543.797
3. CONTOURS AND ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988 HOLDING BASE CONTROL 215 & 913 WITH THE FOLLOWING PUBLISHED ELEVATIONS: 215=95.913 AND 913=77.677.
4. REFERENCE IS MADE TO THE FOLLOWING MAPS:
   A. "DEPARTMENT OF THE NAVY, NAVAL FACILITIES ENGINEERING COMMAND MID-ATLANTIC NORTHEAST, NEW LONDON NAVAL SUBMARINE BASE, P-848 MK-48 TORPEDO MAGAZINE, EXISTING FEATURES PLAT" SCALE 1"=30'.
5. PARCEL IS IDENTIFIED AS TAX MAP 119, BLOCK 2120, LOT 1431 ON THE LEDYARD ASSESSOR'S MAP

DEMOLITION NOTES

1. COMPLY WITH PERTINENT PROVISIONS OF THE LATEST VERSION OF U.S. ARMY CORPS OF ENGINEERS SAFETY AND HEALTH REQUIREMENTS MANUAL, EM385-1-1.
2. DEMOLITION MUST BE IN ACCORDANCE WITH PROJECT DRAWINGS, NOTES AND SPECIFICATIONS AS WELL AS FEDERAL, STATE AND LOCAL REGULATIONS.
3. REFER TO THE SITE PLAN, UTILITY PLAN, OR PAVING PLAN FOR LOCATION OF RELOCATED FACILITIES.
4. PROTECT EXISTING FEATURES TO REMAIN INCLUDING TREES, ROADS, UTILITIES, PAVING AND SIMILAR ITEMS NOT IN THE CONTRACT WORK LIMITS, WHICH IF DAMAGED MUST BE REPLACED IN KIND AT NO COST TO THE GOVERNMENT.
5. REMOVE UTILITY LINES TO LIMITS SHOWN ON PLANS.
6. IF UNFORESEEN UTILITY LINES ARE ENCOUNTERED THAT ARE NOT INDICATED ON UTILITY MAPS NOTIFY THE COR PRIOR TO FURTHER WORK IN THE AREA.
7. RUBBISH AND DEBRIS MUST BE DISPOSED OF OFFSITE DAILY, UNLESS OTHERWISE DIRECTED BY THE CONTRACTING OFFICER, TO AVOID ACCUMULATION AT THE DEMOLITION SITE.
8. PROVIDE FENCING ALONG CONSTRUCTION SITE AT OPEN EXCAVATIONS AND TUNNELS TO CONTROL ACCESS BY UNAUTHORIZED PERSONS. PROVIDE SAFETY FENCE AS SPECIFIED.
9. CONSTRUCTION ON A SITE THAT HAS THE POSSIBILITY OF THE EXISTENCE OF MUNITIONS AND EXPLOSIVES OF CONCERN (MEC) / UNEXPLODED ORDINANCE (UXO): IN THE EVENT MILITARY MUNITIONS, AS DEFINED IN 40 CFR 260, ARE DISCOVERED OR UNCOVERED, IMMEDIATELY STOP WORK IN THAT AREA AND IMMEDIATELY INFORM THE CONTRACTING OFFICER.

UTILITY NOTES

1. LOCATION OF EXISTING WATER FACILITIES SHOWN ARE APPROXIMATE. UTILITIES NOT SHOWN, OR NOT LOCATED WILL NOT BE CAUSE TO DENY RESPONSIBILITY FOR PROTECTION AND/OR REPAIR OF DAMAGE INCURRED DURING CONSTRUCTION. EXACT LOCATION MUST BE VERIFIED IN THE FIELD.
2. WATER MAINS AND SANITARY PIPES REQUIRE A MINIMUM COVER OF 38".
3. WATER AND SANITARY SEWER LINES MUST HAVE A MINIMUM OF TEN (10) FEET HORIZONTAL SEPARATION.
4. WATER AND STORM SEWER LINES MUST HAVE A MINIMUM OF FOUR (4) FEET HORIZONTAL SEPARATION.
5. SANITARY AND STORM SEWER LINES MUST HAVE A MINIMUM OF EIGHTEEN (18) INCH VERTICAL SEPARATION FROM THE WATER LINE.
6. FOR UTILITY CONTACT INFORMATION, COORDINATE WITH CONTRACTING OFFICER.

EXISTING LEGEND

- PROPERTY LINE
- EASEMENT LINE
- 200 — INDEX CONTOUR
- INTERMEDIATE CONTOUR
- STONEWALL
- TREE LINE
- RETAINING WALL
- FENCE
- STREAM / EDGE OF WATER
- LIMIT OF WETLANDS
- STORM SEWER
- S — SANITARY SEWER
- W — WATER MAIN
- E — ELECTRIC LINE
- T — COMMUNICATIONS LINE
- WF-6 — WETLAND FLAG
- SIGN
- BOLLARD
- ×234.0 — EXISTING SPOT GRADE
- GUY WIRE
- UTILITY POLE
- WV — WATER VALVE
- HYD — HYDRANT
- D — DRAINAGE MANHOLE
- S — SANITARY MANHOLE
- U — MANHOLE, UTILITY TYPE UNKNOWN
- LAMP POST
- RL — ROOF LEADER
- YD — YARD DRAIN
- MW — MONITORING WELL
- WOOD POST
- 2.0 — DEPTH OF COVER (FT.)
- CATCH BASIN
- CURBLESS CATCH BASIN
- DECIDUOUS TREE
- CONIFEROUS TREE
- BITUMINOUS CONCRETE SURFACE
- CONCRETE SURFACE
- GRAVEL SURFACE
- RIP-RAP

LEGEND

- 33' AT — 33 FT UNOBSTRUCTED SPACE SETBACK
- 45 — MAJOR CONTOUR
- 44 — MINOR CONTOUR
- SIGN POST
- STORMWATER BEST MANAGEMENT PRACTICE (BMP) FEATURE
- BUILDING FOOTPRINT
- CONCRETE PAVEMENT
- ASPHALT PAVEMENT
- CONCRETE SIDEWALK
- DEMOLISH ASPHALT PAVEMENT
- DEMOLISH CONCRETE PAVEMENT
- X — CHAIN LINK FENCE
- SAN — SANITARY SEWER (GRAVITY)
- W — WATER
- F — FIRE PROTECTION WATER SUPPLY
- SD — STORM DRAIN
- RD — ROOF DRAIN
- UD — UNDER DRAIN (PERFORATED)
- FD — FOUNDATION DRAIN (PERFORATED)
- E — UNDERGROUND ELECTRIC PRIMARY
- ES — UNDERGROUND ELECTRIC SECONDARY
- LIGHT POLE
- SANITARY MANHOLE
- STORM DRAIN
- STORM INLET
- POST INDICATOR VALVE
- FIRE HYDRANT
- TEE FITTING
- 11.25° ELBOW FITTING
- 22.5° ELBOW FITTING
- 45° ELBOW FITTING
- REDUCER FITTING

LEGEND (CONT.)

- CO — CLEANOUT
- TP XX — TOP OF PAVEMENT SPOT ELEVATION
- TG XX — TOP OF GRADE SPOT ELEVATION
- TRANSFORMER
- S — SANITARY SEWER MANHOLE

EROSION & SEDIMENT CONTROL LEGEND

- LOD — LIMIT OF DISTURBANCE
- SOIL TYPE DELINEATION LINE
- Fd / BaA — SOIL TYPE
- SF — GEOTEXTILE SILT FENCE (C1/C-501)
- SSF — SUPER SILT FENCE (C3/C-502)
- FR — FIBER ROLL (C2/C-503)
- TP — TREE PROTECTION (A3/C-503)
- TS — TEMPORARY SEEDING, REFER TO SPECIFICATION 32 92 19
- PS — PERMANENT SEEDING, REFER TO SPECIFICATION 32 92 19
- OP — OUTLET PROTECTION (A3/C-502)
- CE — CONSTRUCTION ENTRANCE (A1/C-501)
- GSF — GEOTEXTILE SILT FENCE (C1/C-501)
- SSF — SUPER SILT FENCE (C4/C-502)
- FCD — FIBER ROLL CHECK DAM (A1/C-502)
- SCD — STONE CHECK DAM (C2/C-501)
- FIP — FIBER ROLL INLET PROTECTION (C1/C-502)
- SIP — SILT FENCE INLET PROTECTION (C2/C-502)
- RIP — ROCK INLET PROTECTION (C3/C-502)
- ECB — TEMPORARY EROSION CONTROL BLANKET (A1/C-503)
- CWS — CONCRETE WASHOUT STRUCTURE (A4/C-501)
- FB — FILTER BAG (C1/C-503)
- DC — DUST CONTROL
- TO — TOPSOILING
- TD — TEMPORARY DIVERSION (A4/C-503)
- TST — TEMPORARY SEDIMENT TRAP (C4/C-503)

ABBREVIATIONS

~	APPROXIMATELY
&	AND
ABA	ARCHITECTURAL BARRIERS ACT
ABN	ABANDON
ABND	ABANDONED
AC	ASPHALT CONCRETE
ADA	AMERICANS WITH DISABILITIES ACT
APPROX	APPROXIMATE
A-T	ANTI-TERRORISM
BC	BOTTOM OF CURB
BCSM	BRASS CAP SURVEY MONUMENT
BL	BARREL
BLDG	BUILDING
BM	BENCH MARK
BMP	BEST MANAGEMENT PRACTICE
BUR	BURIED
CB	CATCH BASIN
CCSD	CONVENTIONAL CONSTRUCTION STANDOFF DISTANCE
CI	CAST IRON
CLSM	CONTROLLED LOW STRENGTH MATERIAL
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
CONST	CONSTRUCT
COORD	COORDINATE
C.O., CO,	CONTRACTING OFFICER
CL, ℄	CENTERLINE
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
DI	DUCTILE IRON/DROP INLET
DIA, Ø	DIAMETER
DEMO	DEMOLISH OR DEMOLITION
DOT	DEPARTMENT OF TRANSPORTATION
DPW	DIRECTORATE OF PUBLIC WORKS
DWG	DRAWING
△	DEGREE OF CURVATURE
E	EAST, EASTING, ELECTRICAL
ELB	ELBOW
ELECT	ELECTRICAL
ELEV	ELEVATION
EOS	EDGE OF SLAB/SIDEWALK
EP	EDGE OF PAVEMENT
EQUIP	EQUIPMENT
ESC	EROSION AND SEDIMENT CONTROL
EXST	EXISTING
F	FLANGE
FDC	FIRE DEPARTMENT CONNECTION
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FOW	FACE OF WALL
FT	FEET
G	GAS
GB	GRADE BREAK
GOV	GOVERNMENT OWNED VEHICLES
GPS	GLOBAL POSITIONING SYSTEM
HC	HEATING/COOLING
HDPE	HIGH DENSITY POLYETHYLENE
HP	HIGH POINT
IE	INVERT ELEVATION
IN	INCHES
INV	INVERT
L	LENGTH
LM	LINEAR FEET
LOD	LIMIT OF DISTURBANCE
LOG	LIP OF GUTTER
LP	LOW POINT
LT	LEFT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
N	NORTH, NORTHING
NTS	NOT TO SCALE
OH, OVH	OVERHEAD
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVE / PORTLAND CEMENT CONCRETE
PE	POLYETHYLENE
PED	PEDESTRIAN
PI	POINT OF INTERSECTION
PIV	POST INDICATOR VALVE
PLS	PURE LIVE SEED
POV	PRIVATELY OWNED VEHICLE
PSI	POUNDS PER SQUARE INCH
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE OR POINT OF VERTICAL CURVATURE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
PVMNT	PAVEMENT
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REQ'D	REQUIRED
RT	RIGHT
S, SS	SANITARY SEWER
SD	STANDARD DETAIL / STORM DRAIN
SF	SECURITY FORCES
SIM	SIMILAR
SOG	SLAB ON GRADE
SPEC'D	SPECIFIED
SST	STAINLESS STEEL
STA	STATION
STND	STANDARD
STRUCT	STRUCTURAL
SW	SIDEWALK
SWM	STORMWATER MANAGEMENT
TC	TOP OF CURB OR CASTING
TG	TOP OF GRATE
TOC	TOP OF CONCRETE
TOS	TOP OF SLAB
TOW	TOP OF WALL
TYP	TYPICAL
UG	UNDERGROUND
USFWS	UNITED STATES FISH AND WILDLIFE SERVICE
UST	UNDERGROUND STORAGE TANK
VERT	VERTICAL
W	WATER
W/	WITH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

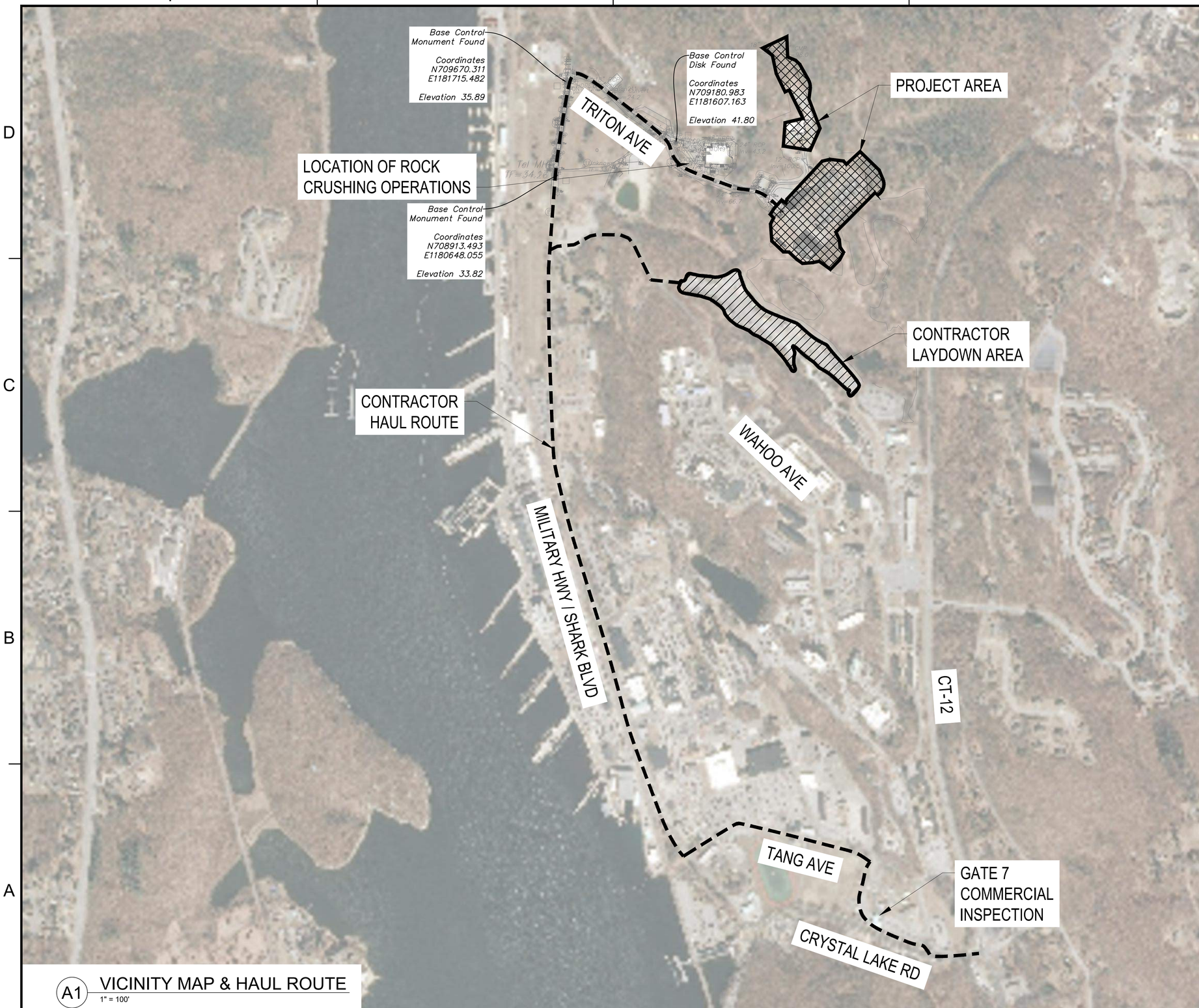
APPROVED — FOR COMMANDER NAVFAC — 3/14/2025
ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO — DATE 05/27/2025

DES JC	DRW NM	CHK RC	
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
GENERAL NOTES & LEGEND

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893834
SHEET 28 OF 152
C-001

FILE NAME: C:\pw_work\dl\jdenl013\jciney.corum@jacobs.com\d0919642\P1102_C-001.dwg LAYOUT NAME: C-001 GENERAL NOTES & LEGEND PLOTTED: Tuesday, June 17, 2025 - 10:13am USER: CORUMJ



A1 VICINITY MAP & HAUL ROUTE
1" = 100'

GENERAL SHEET NOTES

1. AERIAL IMAGERY PROVIDED BY MICROSOFT CORPORATION.
2. EQUIPMENT AND MATERIAL STORAGE AREA IS DESIGNATED ON THIS SHEET. SECURE EQUIPMENT AND STORED MATERIALS. NO COVERED STORAGE IS AVAILABLE.

PLAN NORTH

GRAPHIC SCALE

1"=400' 0' 400' 800'

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

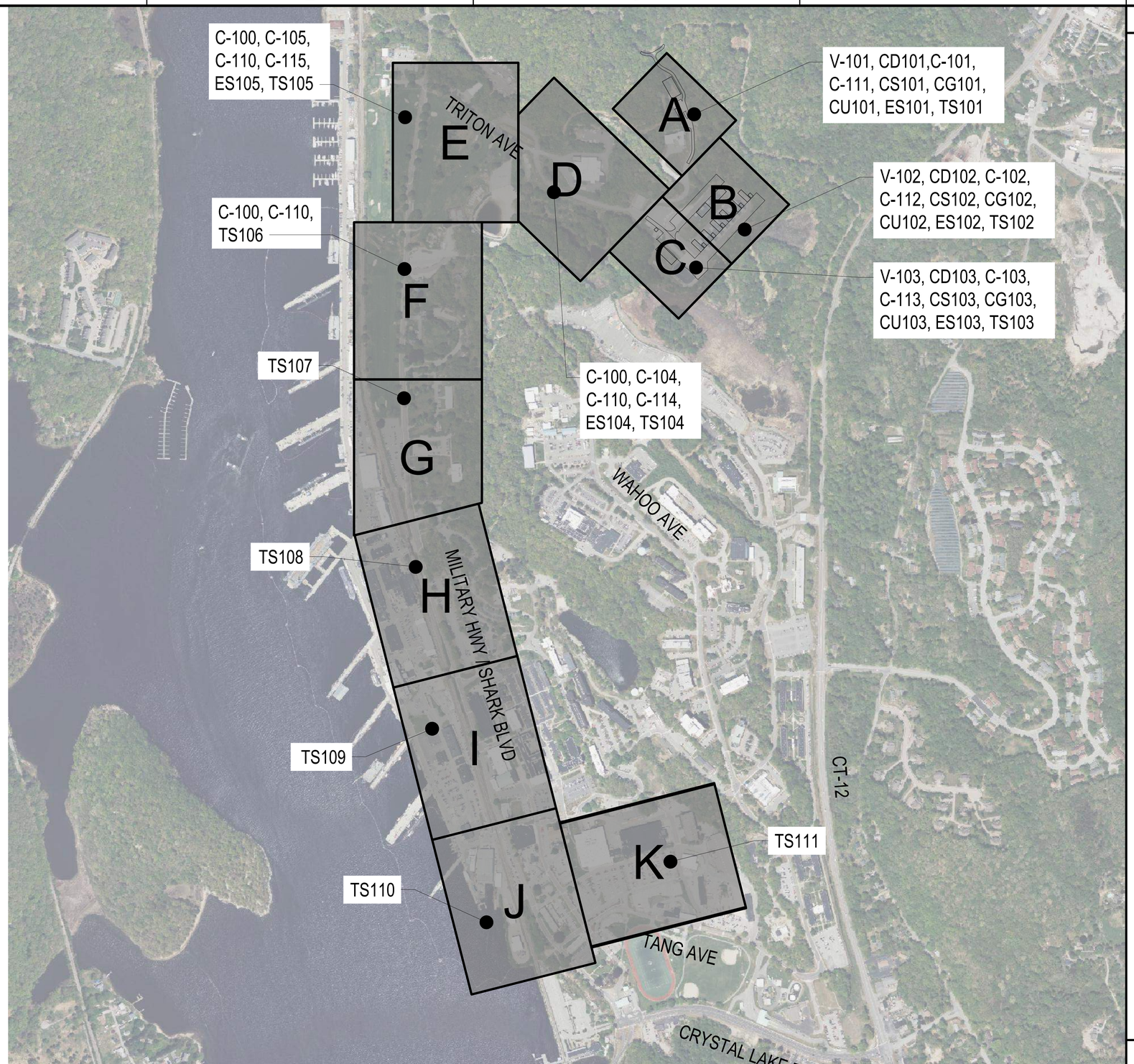
DES	JC	DRW	NM	CHK	RC

PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
VICINITY MAP & HAUL ROUTE

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893835
SHEET 29 OF 152
C-002

FILE NAME: C:\pw_workdir\den003\joney.corum@jacobs.com\d0919642\P1102_C-002.dwg LAYOUT NAME: C-002 Vicinity Map & Haul Route PLOTTED: Tuesday, June 17, 2025 - 10:14am USER: CORUMJ



A1 OVERALL SITE KEY MAP
1" = 100'

GENERAL SHEET NOTES

1. AERIAL IMAGERY PROVIDED BY MICROSOFT CORPORATION.

PLAN NORTH

GRAPHIC SCALE

1"=400' 0' 400' 800'

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
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APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH
OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	BA	CHK	RC

PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
OVERALL SITE KEY MAP

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893836
SHEET 30 OF 152
C-003

FILE NAME: C:\pw_work\dir\dev003\jcorey.corum@jacobs.com\d0919642\P1102_C-003.dwg LAYOUT NAME: C-003 OVERALL SITE KEY MAP PLOTTED: Tuesday, June 17, 2025 – 10:15am USER: CORUML

PROJECT DESCRIPTION

1. THE P-1102 NEW LONDON WEAPONS COMPOUND MAGAZINE RECAPITALIZATION PROJECT WILL REPLACE 18 EXISTING MAGAZINES WITH 6 CONTAINERIZED LONG WEAPONS STORAGE (CLWS), 2 TYPE G MAGAZINES, 1 TYPE H MAGAZINE, REPLACE BUILDING 524 (ORDNANCE OPERATIONS BUILDING), AND REPLACE BUILDING 393 (TRUCK INSPECTION AND SENTRY BUILDING).
2. THE PROJECT IS LOCATED WITHIN THE EXISTING WEAPONS STORAGE COMPOUND LOCATED AT THE NORTHERN END OF THE NAVAL SUBMARINE BASE NEW LONDON ALONG TRITON DRIVE.
3. TOTAL DISTURBED AREA = 15.98 ACRES

EXISTING CONDITIONS

1. THE UNDEVELOPED PORTIONS OF NAVAL SUBMARINE BASE NEW LONDON ARE WOODED. THE CLEAR ZONE AROUND THE SECURITY FENCE IS MOWED GRASS. INSIDE THE SECURITY FENCE IS PRIMARILY DEVELOPED WITH EXISTING STRUCTURES, PAVEMENT, AND SOME GRAVEL.
2. WETLANDS ARE LOCATED WITHIN THE PROJECT SITE LOCATED ON THE EAST SIDE OF THE WEAPONS STORAGE COMPOUND. THE WETLANDS WERE DELINEATED AND CAPTURED ON THE TOPOGRAPHIC FIELD SURVEY. ENCROACHMENT INTO THE WETLAND AREA REQUIRED FOR CONSTRUCTION OF THE CLWS MAGAZINES WILL REQUIRE A WETLAND ALTERATION PERMIT. A CONNECTICUT GENERAL CONSTRUCTION PERMIT WILL BE REQUIRED FOR DISTURBANCE OF 1 ACRE OR MORE.

ADJACENT PROPERTY

1. THE PROJECT SITE AND DISTURBANCE IS LOCATED WITHIN THE SECURE PERIMETER OF NAVAL SUBMARINE BASE NEW LONDON.

SOILS

THERE ARE MULTIPLE SOIL TYPES FOUND AT THE SITE. THE SOILS ARE IDENTIFIED ON THE EROSION AND SEDIMENT CONTROL PLAN. THESE SOILS ARE LISTED BELOW:

73C - CHARLTON-CHATFIELD COMPLEX, 0 TO 15 % SLOPES, VERY ROCKY
PROPERTIES AND QUALITIES
HYDROLOGIC SOIL GROUP: B

75E - HOLLIS-CHATFIELD-ROCK OUTCROP COMPLEX, 3 TO 15 % SLOPES
PROPERTIES AND QUALITIES
HYDROLOGIC SOIL GROUP: D

306 - UDORTHENTS-URBAN LAND COMPLEX
PROPERTIES AND QUALITIES
HYDROLOGIC SOIL GROUP: B

GENERAL E & S NOTES

1. THE US GOVERNMENT IS THE OWNER OF RECORD ASSOCIATED WITH THIS PROJECT.
2. THE GENERAL CONTRACTOR IS THE OPERATOR OF THE SITE AND RESPONSIBLE FOR PROVIDING AND MAINTAINING EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION OPERATIONS.
3. PROVIDE SEDIMENT AND EROSION CONTROLS IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION; AND THE CONTRACT DOCUMENTS.
4. KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.

BEST MANAGEMENT PRACTICES

1. CONSTRUCTION ENTRANCE - A STONE STABILIZED PAD SOMETIMES ASSOCIATED WITH A MUD RACK, AUTOMOTIVE SPRAY, OR OTHER MEASURES LOCATED AT POINT OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTION SITE USED TO REDUCE TRACKING OF SEDIMENT OFF SITE ONTO PAVED SURFACES.
2. DEWATERING - THE REMOVAL OF WATER BY PUMPING, INFILTRATION, OPEN AIR DRYING OR OTHER METHODS; DRAINAGE OF THE SOIL PROFILE.
3. DIVERSION - A CHANNEL AND/OR SUPPORTING RIDGE, OR OTHER MAN-MADE STRUCTURE CONSTRUCTED TO CHANGE THE DIRECTION OF WATER FROM ONE AREA TO ANOTHER.
4. GEOTEXTILE - FABRIC OR SYNTHETIC MATERIAL PLACED (1) BETWEEN THE SOIL AND A PIPE, GABION, STONE, OR RETAINING WALL TO ENHANCE WATER MOVEMENT AND/OR RETARD SOIL MOVEMENT, (2) AS A BLANKET OR MAT TO ADD REINFORCEMENT AND/OR SEPARATION (3) TO PROVIDE AN ABOVE GROUND SEDIMENT BARRIER.
5. GEOTEXTILE SILT FENCE - A TEMPORARY SEDIMENT BARRIER CONSISTING OF A GEOTEXTILE FABRIC PULLED TAUT AND ATTACHED TO SUPPORTING POSTS AND ENTRENCHED.
6. INLET PROTECTION - A TEMPORARY SEDIMENT BARRIER CONSISTING OF GEOTEXTILE FABRIC AND STONE PLACED AROUND STORM WATER CATCH BASINS.
7. OUTLET PROTECTION - STRUCTURALLY LINED APRONS OR OTHER ACCEPTABLE ENERGY DISSIPATING DEVICES PLACED BETWEEN THE OUTLETS OF PIPES OR PAVED CHANNEL SECTIONS AND A STABLE DOWNSTREAM CHANNEL.
8. PERMANENT STABILIZATION - ESTABLISHMENT OF PERMANENT STAND OF GRASS AND/OR LEGUMES BY SEEDING AND MULCHING EXPOSED SOILS WITH A SEED MIXTURE FOR LONG TERM STABILIZATION ON DISTURBED OR ERODIBLE SOILS THAT HAVE BEEN BROUGHT TO FINAL GRADE, OR WHERE SUSPENSION OF WORK IS EXPECTED TO EXCEED 1 YEAR, AND WHERE SLOPES GRADIENTS ARE NO STEEPER THAN 2H:1V. FOR SLOPES STEEPER THAN 2H:1V, USE SLOPE STABILIZATION MEASURES FROM THE STABILIZATION STRUCTURES FUNCTIONAL GROUP.
9. TEMPORARY STABILIZATION - ESTABLISHMENT OF TEMPORARY STAND OF GRASS AND/OR LEGUMES BY SEEDING AND MULCHING SOILS THAT WILL BE EXPOSED FOR A PERIOD GREATER THAN 1 MONTH BUT LESS THAN 12 MONTHS. WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK ON A GRADING OPERATION THAT EXPOSES ERODIBLE SOILS WHERE SUCH SUSPENSION IS EXPECTED TO LAST FOR 1 TO 12 MONTHS. SUCH AREAS INCLUDE SOIL STOCKPILES, BORROW PITS, ROAD BANKS AND OTHER DISTURBED OR UNSTABLE AREAS. NOT FOR USE ON AREAS THAT ARE LEFT DORMANT FOR MORE THAN 1 YEAR. USE PERMANENT VEGETATIVE MEASURES IN THOSE SITUATIONS.

MANAGEMENT STATEGIES

1. CONSTRUCTION WILL BE SEQUENCED SO THAT GRADING OPERATIONS CAN BEGIN AND END AS QUICKLY AS POSSIBLE.
2. AREAS WHICH ARE NOT TO BE DISTURBED WILL BE CLEARLY MARKED BY SIGNS, FLAGS, ETC.

MATERIALS

1. EROSION & SEDIMENT CONTROL MATERIALS MUST MEET THE REQUIREMENTS OF THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, LATEST EDITION.

OFF-SITE AREAS

1. PROVIDE REQUIRED PERMITS AND EROSION AND SEDIMENT CONTROL ASSOCIATED WITH OFF-SITE BORROW OR SPOIL AREAS.

MONITORING & MAINTENANCE

1. E&S PLAN AND REVISIONS MUST IDENTIFY AN AGENT OR AGENTS WHO HAVE THE RESPONSIBILITY AND AUTHORITY FOR THE IMPLEMENTATION, OPERATION, MONITORING AND MAINTENANCE OF E&S MEASURES. SUCH AGENT(S) MUST BE FAMILIAR WITH EACH CONTROL MEASURE USED INCLUDING ITS LIMITATIONS, INSTALLATION, INSPECTION AND MAINTENANCE. WHEN CONTROL MEASURES FAIL, OR ARE FOUND INEFFECTIVE, SUCH AGENT(S) MUST COORDINATE PLAN REVISIONS WITH A PROFESSIONAL EXPERIENCED IN EROSION AND SEDIMENT CONTROL AND APPROVING AGENCY, WHEN THAT AGENCY'S APPROVAL IS REQUIRED. SUCH AGENT(S) MUST HAVE THE ADDITIONAL RESPONSIBILITY FOR ENSURING EROSION AND SEDIMENT CONTROLS ARE INSTALLED AND MAINTAINED ACCORDING TO STATE OF CONNECTICUT STANDARDS. INSPECT CONSTRUCTION SITE BEFORE PREDICTED MAJOR STORMS. A MAJOR STORM IS DEFINED AS A STORM PREDICTED BY THE NATIONAL OFFICE OF ATMOSPHERIC ADMINISTRATION (NOAA) WEATHER SERVICE WITH WARNINGS OF FLOODING, SEVERE THUNDERSTORMS OR SIMILARLY SEVERE WEATHER CONDITIONS OR EFFECTS.
2. EACH MEASURE HAS INSPECTION REQUIREMENTS INCLUDED IN THE MEASURE'S SECTION ENTITLED "MAINTENANCE". MANY OF THE MEASURES REQUIRE INSPECTIONS AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER; SOME OTHERS REQUIRE DAILY INSPECTION. ONLY THE PERMANENT MEASURES HAVE LESS FREQUENT INSPECTIONS. MORE FREQUENT INSPECTIONS THAN THOSE IDENTIFIED IN THE MEASURE MAY BE NECESSARY FOR SITES THAT ARE HEAVILY TRAVELED AND BEFORE MAJOR STORMS.

EROSION CONTROL SEQUENCE

PHASE 1A

1. FLAG LIMITS OF CONSTRUCTION NECESSARY TO FACILITATE THE PRE-CONSTRUCTION MEETING.
2. HOLD PRE-CONSTRUCTION MEETING ONSITE WITH CONTRACTING OFFICER. (REMEMBER TO CALL BEFORE YOU DIG 1-800-922-4455).
3. FLAG REMAINDER OF THE LIMITS OF CONSTRUCTION AND TREE PROTECTION ZONES.
4. PROVIDE CONSTRUCTION ENTRANCE AND TEMPORARY CONSTRUCTION ACCESS AND SECURITY FENCING TO ENSURE A SECURE PERIMETER AROUND EXISTING MAGAZINES TO REMAIN IN PLACE DURING PHASE 1 OPERATIONS.
5. PROVIDE PERIMETER EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH THE E&S PLAN.
6. CUT TREES WITHIN THE DEFINED CLEARING LIMITS AND REMOVE CUT WOOD. CHIP BRUSH AND SLASH, STOCKPILE CHIPS FOR FUTURE USE OR REMOVE OFF SITE.
7. STRIP AND STOCKPILE TOPSOIL THAT IS WITHIN THE FOOTPRINT OF THE OPERATIONS BUILDING. REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS.
8. PERFORM EXCAVATION FOR OPERATIONS BUILDING. MAKE CUTS AND FILLS REQUIRED. ESTABLISH THE SUB-GRADE FOR THE TOPSOIL AREAS, PARKING AND ROADWAY, AND STRUCTURE. MINIMIZE AREA AROUND FOOTPRINT OF BUILDING REQUIRED FOR CONSTRUCTION ACTIVITIES.
9. BEGIN CONSTRUCTION OF OPERATIONS BUILDING.
10. PROVIDE SANITARY SEWERS, DRAINAGE SYSTEMS AND UTILITIES TO WITHIN 5 FEET OF THE BUILDING OR AS OTHERWISE MODIFIED BY THE CONTRACTING OFFICER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
11. PREPARE SUB-BASE, SLOPES, PARKING AREAS, SHOULDER AREAS, ACCESS ROADS AND OTHER AREA OF DISTURBANCE FOR FINAL GRADING.
12. PROVIDE AGGREGATE BASE COURSE IN PARKING AND ROADWAY AREAS.
13. PLACE TOPSOIL WHERE REQUIRED. COMPLETE LANDSCAPE PLANTINGS.
14. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF PAVEMENT EDGE.
15. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF REMAINING DISTURBED AREAS. PROVIDE FIRST COURSE OF PAVING. CONVERT TEMPORARY SEDIMENT TRAP 1 TO PERMANENT STORM WATER FACILITY C. MAINTAIN TREATMENT CHAMBERS OFFLINE UNTIL FINAL SITE STABILIZATION.
16. WHEN WORK AND SITE STABILIZATION HAS BEEN COMPLETED, SWEEP PAVED AREAS FOR FINAL COURSE OF PAVING. INSPECT DRAINAGE SYSTEM AND CLEAN AS NEEDED.

EROSION CONTROL SEQUENCE (CONT.)

PHASE 1A (CONTINUED)

17. PROVIDE FINAL COURSE OF PAVEMENT.
18. DEMOLISH EXISTING MAGAZINES A98, A99, A110, AND A111 INCLUDING ASSOCIATED PAVEMENTS AND UTILITIES. INSTALL TEMPORARY SEDIMENT TRAPS 1 AND 3.
19. STRIP AND STOCKPILE TOPSOIL NEAR MAGAZINES A98, A99, A110, AND A111. REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS.
20. PERFORM ROCK BLASTING AND EXCAVATION FOR OPERATIONS BUILDING AND AREA NEAR MAGAZINES A98, A99, A110, AND A111.
21. PROVIDE TEMPORARY SEEDING ON AREA OF DEMOLISHED MAGAZINES A98, A99, A110, AND A111 TO REMAIN INACTIVE UNTIL CONSTRUCTION OF CLWS MAGAZINES.
22. STRIP AND STOCKPILE TOPSOIL THAT IS WITHIN THE FOOTPRINT OF STORM WATER MANAGEMENT AREAS A, B, AND C. REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS.
23. BEGIN CONSTRUCTION OF STORM WATER MANAGEMENT AREA A.
24. DO NOT CONNECT STORM WATER CHAMBER SYSTEM TO STORM SEWER TO PREVENT SEDIMENT LOADING DURING CONSTRUCTION ACTIVITIES.
25. PLACE TOPSOIL WHERE REQUIRED. FINE GRADE, RAKE, SEED AND MULCH.

PHASE 1B

1. REROUTE AND DEMOLISH EXISTING UTILITIES NECESSARY TO CONSTRUCT TYPE H MAGAZINE. INSTALL TEMPORARY SEDIMENT TRAP 2.
2. STRIP AND STOCKPILE TOPSOIL THAT IS WITHIN THE FOOTPRINT OF TYPE H MAGAZINE. REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS.
3. PERFORM EXCAVATION FOR TYPE H MAGAZINE. MAKE CUTS AND FILLS REQUIRED. ESTABLISH SUB-GRADE FOR TOPSOIL AREAS, APRON, AND STRUCTURE. MINIMIZE AREA AROUND FOOTPRINT OF BUILDING REQUIRED FOR CONSTRUCTION ACTIVITIES.
4. BEGIN CONSTRUCTION OF TYPE H MAGAZINE.
5. PROVIDE DRAINAGE SYSTEMS AND UTILITIES TO WITHIN 5 FEET OF THE BUILDING OR AS OTHERWISE MODIFIED BY THE CONTRACTING OFFICER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
6. PREPARE SUB-BASE, SLOPES, PAVEMENT AREAS AND OTHER AREAS OF DISTURBANCE FOR FINAL GRADING.
7. PROVIDE AGGREGATE BASE COURSE IN APRON AREA.
8. PLACE TOPSOIL WHERE REQUIRED.
9. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF CURBING.
10. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF DISTURBED AREAS. CONVERT TEMPORARY SEDIMENT TRAP 2 TO PERMANENT STORM WATER FACILITY B. MAINTAIN TREATMENT CHAMBER OFFLINE UNTIL FINAL SITE STABILIZATION.
11. WHEN WORK AND SITE STABILIZATION HAS BEEN COMPLETED, INSPECT THE DRAINAGE SYSTEM AND CLEAN, AS NEEDED.
12. PROVIDE CONCRETE PAVEMENT.

PHASE 1C

1. DEMOLISH BUILDING 524 INCLUDING UTILITY SERVICE LINES, PAVEMENTS, AND STRUCTURAL SLABS.
2. PERFORM GRADING IN AREAS OF PAVEMENT AND STRUCTURAL SLAB DEMOLITION. ESTABLISH SUB-GRADE FOR TOPSOIL AREAS.
3. PLACE TOPSOIL WHERE REQUIRED.
4. FINE GRADE, RAKE, SEED, AND MULCH DISTURBED AREAS FOR FINAL STABILIZATION.

EROSION CONTROL SEQUENCE (CONT.)

PHASE 2

1. MAINTAIN CONSTRUCTION ENTRANCE, TEMPORARY CONSTRUCTION ACCESS, AND SECURITY FENCING TO ENSURE A SECURE PERIMETER AROUND EXISTING MAGAZINES TO REMAIN IN PLACE DURING PHASE 2 OPERATIONS.
2. DEMOLISH PAVEMENT WEST OF EXST-002 (A113) NECESSARY TO INSTALL TEMPORARY SEDIMENT TRAP 4.
3. DEMOLISH EXISTING MAGAZINES A94, A95, A96, AND A97 INCLUDING ASSOCIATED PAVEMENTS AND UTILITIES.
4. STRIP AND STOCKPILE TOPSOIL NEAR MAGAZINES A94, A95, A96, AND A97. REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS.
5. PERFORM ROCK BLASTING AND EXCAVATION NEAR MAGAZINES A94, A95, A96, AND A97. DEMOLISH PAVEMENT AND REROUTE EXISTING UTILITIES IN AREA OF SENTRY BUILDING.
6. BEGIN CONSTRUCTION OF TYPE G MAGAZINES AND SENTRY BUILDING.
7. PROVIDE DRAINAGE SYSTEMS AND UTILITIES TO WITHIN 5 FEET OF BUILDING OR AS OTHERWISE MODIFIED BY THE CONTRACTING OFFICER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
8. PREPARE SUB-BASE, SLOPES, PAVEMENT AREAS AND AREAS OF DISTURBANCE FOR FINAL GRADING.
9. PROVIDE AGGREGATE BASE COURSE IN APRON AREA.
10. PLACE TOPSOIL WHERE REQUIRED.
11. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF CURBING.
12. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF DISTURBED AREAS.
13. WHEN WORK AND SITE STABILIZATION HAS BEEN COMPLETED, INSPECT DRAINAGE SYSTEM AND CLEAN, AS NEEDED.
14. PROVIDE CONCRETE PAVEMENT.

PHASE 3

1. MAINTAIN CONSTRUCTION ENTRANCE, TEMPORARY CONSTRUCTION ACCESS, AND SECURITY FENCING TO ENSURE A SECURE PERIMETER AROUND EXISTING MAGAZINES TO REMAIN IN PLACE DURING PHASE 3 OPERATIONS.
2. INSTALL TEMPORARY SEDIMENT TRAP 5.
3. DEMOLISH EXISTING MAGAZINES A100 - A109 INCLUDING ASSOCIATED PAVEMENTS AND UTILITIES.
4. STRIP AND STOCKPILE TOPSOIL NEAR MAGAZINES A100 - A109. REFERENCE STOCKPILE MANAGEMENT FOR EROSION AND SEDIMENT CONTROLS.
5. PERFORM EXCAVATION NEAR MAGAZINES A100 - A109.
6. BEGIN CONSTRUCTION OF SIX (6) CLWS MAGAZINES.
7. PROVIDE DRAINAGE SYSTEMS AND UTILITIES TO WITHIN 5 FEET OF BUILDING OR AS OTHERWISE MODIFIED BY THE CONTRACTING OFFICER TO ADJUST FOR UNFORESEEN SITE CONDITIONS.
8. PREPARE SUB-BASE, SLOPES, PAVEMENT AREAS, AND AREAS OF DISTURBANCE FOR FINAL GRADING.
9. PROVIDE AGGREGATE BASE COURSE IN APRON AREA.
10. PLACE TOPSOIL WHERE REQUIRED.
11. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF CURBING.
12. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF DISTURBED AREAS.
13. WHEN WORK AND SITE STABILIZATION HAS BEEN COMPLETED, INSPECT DRAINAGE SYSTEM AND CLEAN, AS NEEDED.
14. PROVIDE CONCRETE PAVEMENT.
15. DEMOLISH EXISTING BUILDING 393 INCLUDING ASSOCIATED UTILITIES. PERMANENTLY STABILIZE AREA FOR FINAL INSPECTION.
16. AFTER SITE IS STABILIZED AND AFTER FINAL INSPECTION AND APPROVAL BY AUTHORITY HAVING JURISDICTION, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROLS (E.G. GEOTEXTILE SILT FENCES) . CONNECT UNDERGROUND STORM WATER CHAMBERS TO STORM SEWER.

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
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LICENSED PROFESSIONAL ENGINEER
9/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

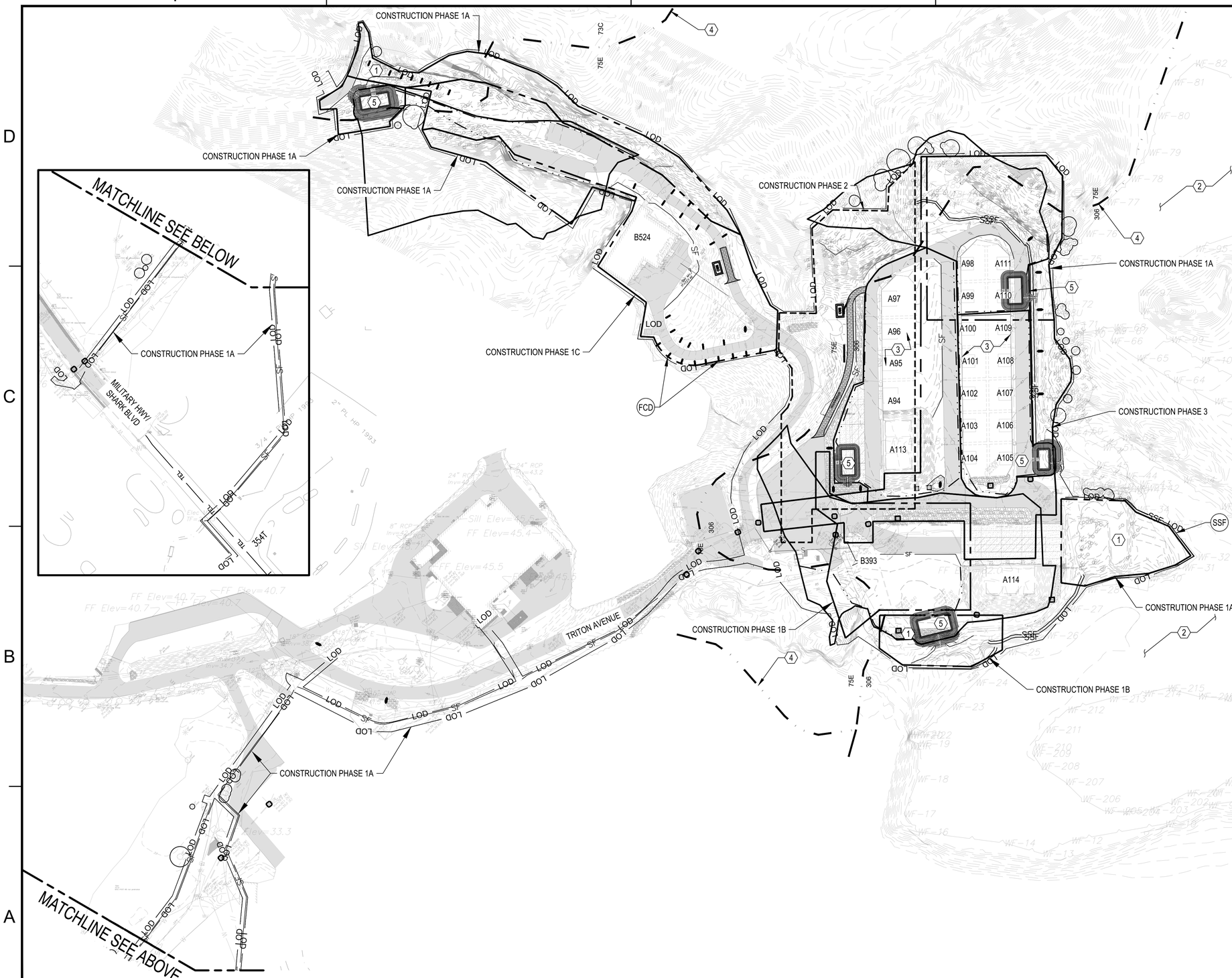
APPROVED
JAMES E. DOUGHTY, JR.
FOR COMMANDER NAVFAC 3/14/2025
ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

DES JC	DRW NM	CHK RC	
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
EROSION & SEDIMENT CONTROL - GENERAL NOTES

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893837
SHEET 31 OF 152
C-004

FILE NAME: C:\pw_work\dc\dms003\joney.corum@jacobs.com\d0919642\P1102_C-004.dwg LAYOUT NAME: C-004 EROSION & SEDIMENT CONTROL – GENERAL NOTES PLOTTED: Tuesday, June 17, 2025 – 10:17am USER: CORUMJL



A1 INITIAL EROSION AND SEDIMENT CONTROL PLAN - OVERALL

1" = 100'

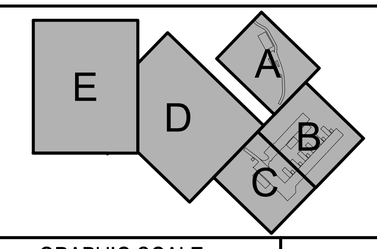
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. COORDINATE WITH USFWS REGARDING SITE CLEARING RESTRICTIONS RELATED TO THE NORTHERN LONG-EARED BAT. LIMIT TREE CLEARING TO DESIGNATED SEASONS REQUIRED BY USFWS.

KEYED NOTES

1. STORMWATER MANAGEMENT AREA
2. DELINEATED WETLAND AREA
3. EXISTING MAGAZINES
4. SOIL DELINEATION
5. TEMPORARY SEDIMENT TRAP

KEYPLAN



GRAPHIC SCALE

1"=100' 0' 100' 200'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT · JOSHUA D. CORUM · 36275 · LICENSED PROFESSIONAL ENGINEER · 6/23/25 · SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

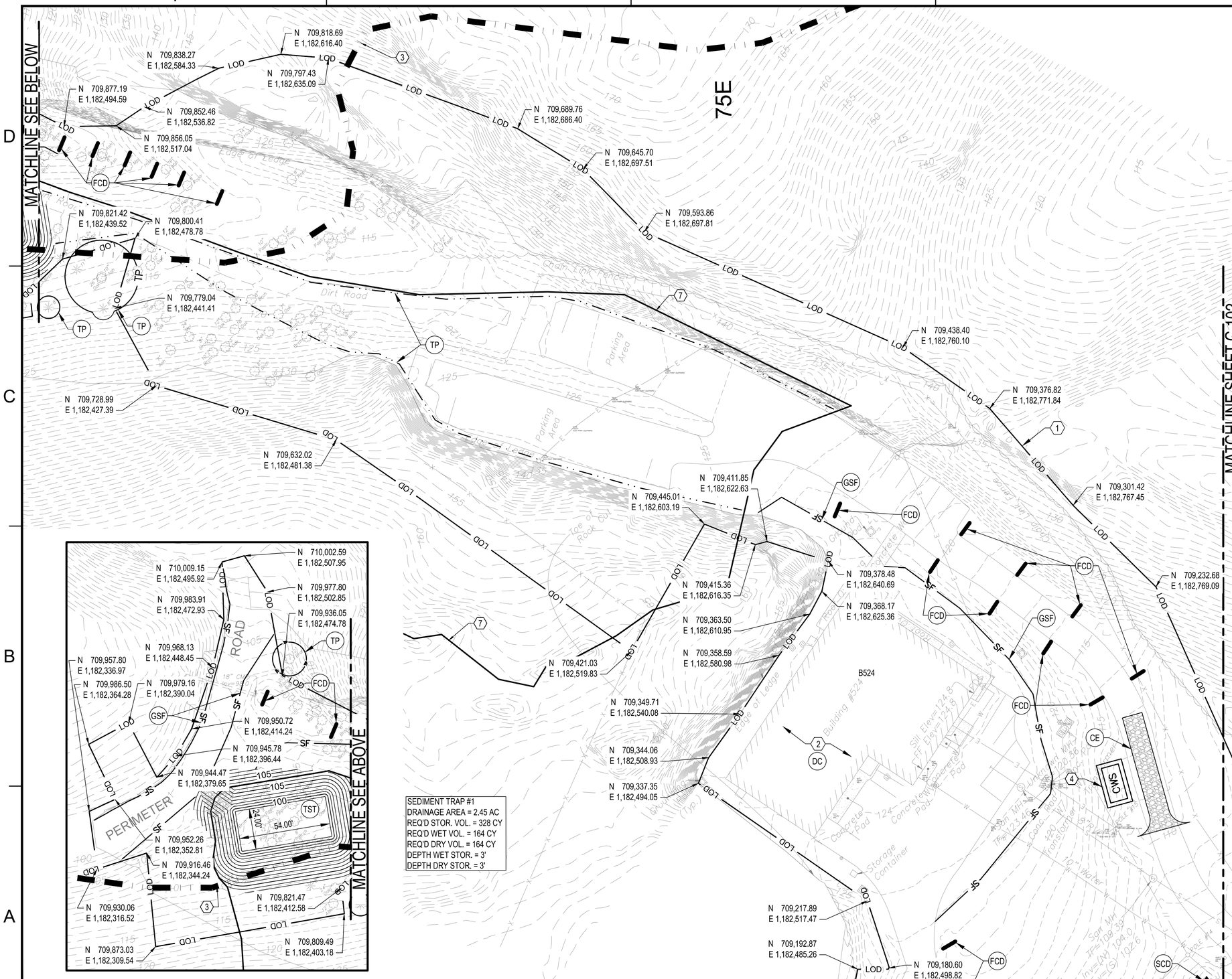
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
INITIAL EROSION AND SEDIMENT CONTROL PLAN - OVERALL

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893838
SHEET 32 OF 152
C-100

FILE NAME: C:\pw_workdir\den0033\joney.corum@jacobs.com\d0919f42\P1102_C-100.dwg LAYOUT NAME: C-100 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:19pm USER: CORUMJ



A1 INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA A

1" = 30'

GENERAL SHEET NOTES

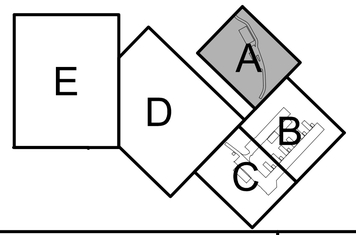
1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEETS C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. COORDINATE WITH USFWS REGARDING SITE CLEARING RESTRICTIONS RELATED TO THE NORTHERN LONG-EARED BAT. LIMIT TREE CLEARING TO DESIGNATED SEASONS REQUIRED BY USFWS.

SYM	DESCRIPTION	DATE	APPR.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. PROVIDE DUST CONTROL DURING DEMOLITION OF BUILDING 524
3. SOIL DELINEATION
4. CONCRETE WASHOUT STRUCTURE
5. TEMPORARY SEDIMENT TRAP #1
6. TEMPORARY DIVERSION DITCH, REFER TO A4/C-503
7. TEMPORARY SEDIMENT TRAP LIMITS OF DRAINAGE AREA

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED PROFESSIONAL ENGINEER
9/23/25
SEAL

Jacobs
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ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3-14-2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT

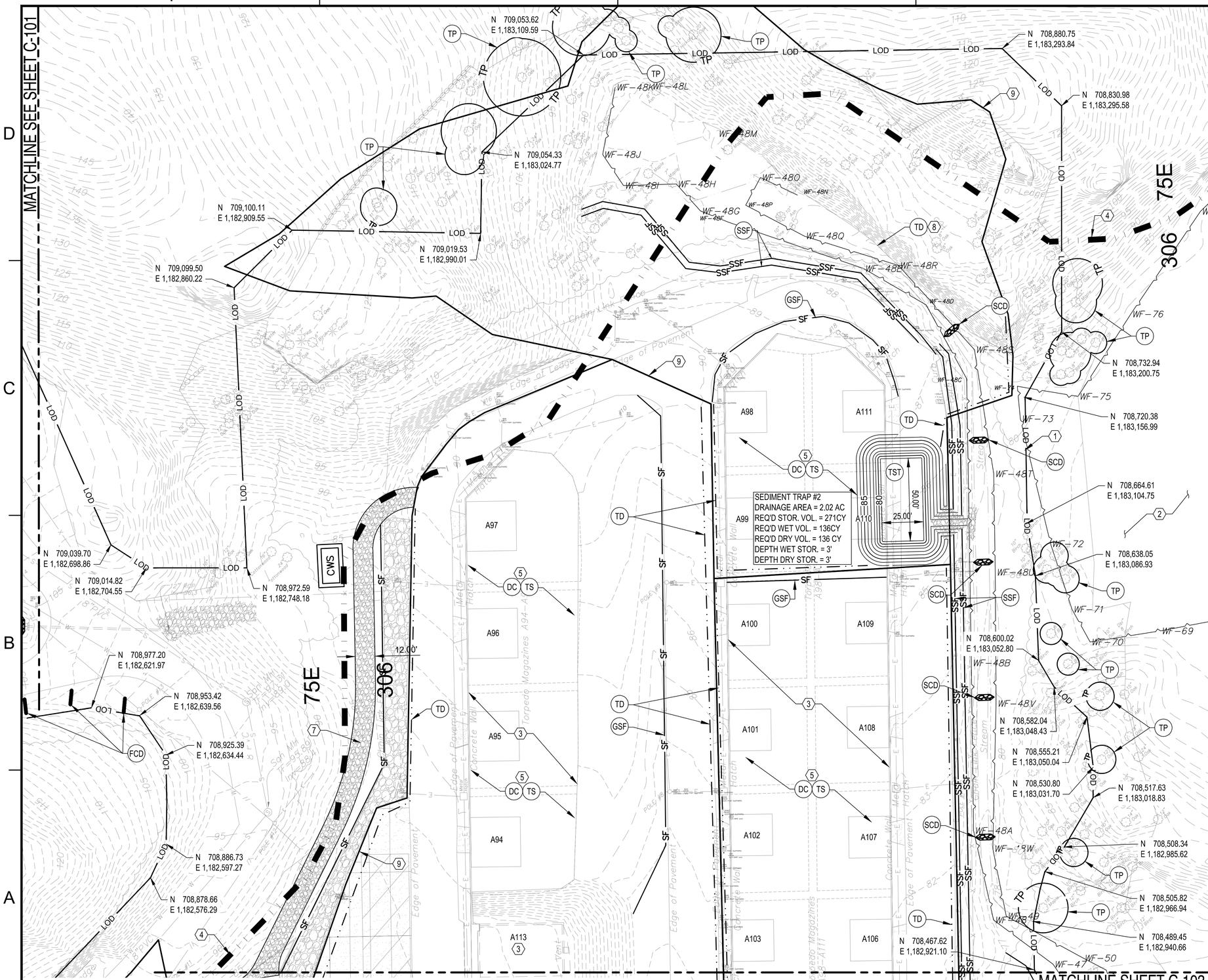
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE

CIVIL
INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA A

SCALE:	AS NOTED
EPROJECT NO.:	1667770
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12893839
SHEET	33 OF 152

C-101

FILE NAME: C:\pw_workdir\dms0031\joiney.corum@jacobs.com\d0919642\P1102_C-101.dwg LAYOUT NAME: C-101 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 – 10:21am USER: CORUMJ



A1 INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA B

1" = 30'

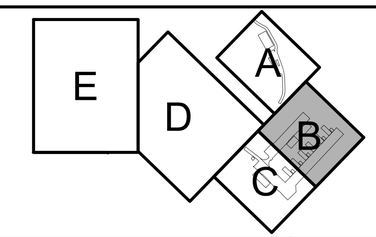
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEETS C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. COORDINATE WITH USFWS REGARDING SITE CLEARING RESTRICTIONS RELATED TO THE NORTHERN LONG-EARED BAT. LIMIT TREE CLEARING TO DESIGNATED SEASONS REQUIRED BY USFWS.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. DELINEATED WETLAND AREAS
3. EXISTING MAGAZINES
4. SOIL DELINEATION
5. PROVIDE DUST CONTROL DURING DEMOLITION OF EXISTING MAGAZINES. PROVIDE TEMPORARY SEEDING ON DISTURBED AREAS IF CONSTRUCTION OF MAGAZINES IS DELAYED FOR MORE THAN 30 DAYS.
6. CONCRETE WASHOUT STRUCTURE
7. TEMPORARY GRAVEL CONSTRUCTION ACCESS, APPROXIMATELY 320' IN LENGTH, REFER TO A1/C-501 FOR SECTION AND WIDTH
8. PROVIDE TEMPORARY DIVERSION DITCH TO DIVERT BASE FLOW AROUND MAGAZINE AND ROCK EXCAVATION WORK AREA, REFER TO DETAIL A4/C-503
9. TEMPORARY SEDIMENT TRAP LIMITS OF DRAINAGE AREA

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 9/23/25

SEAL

Jacobs
1100 NORTH GLEBE ROAD
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ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

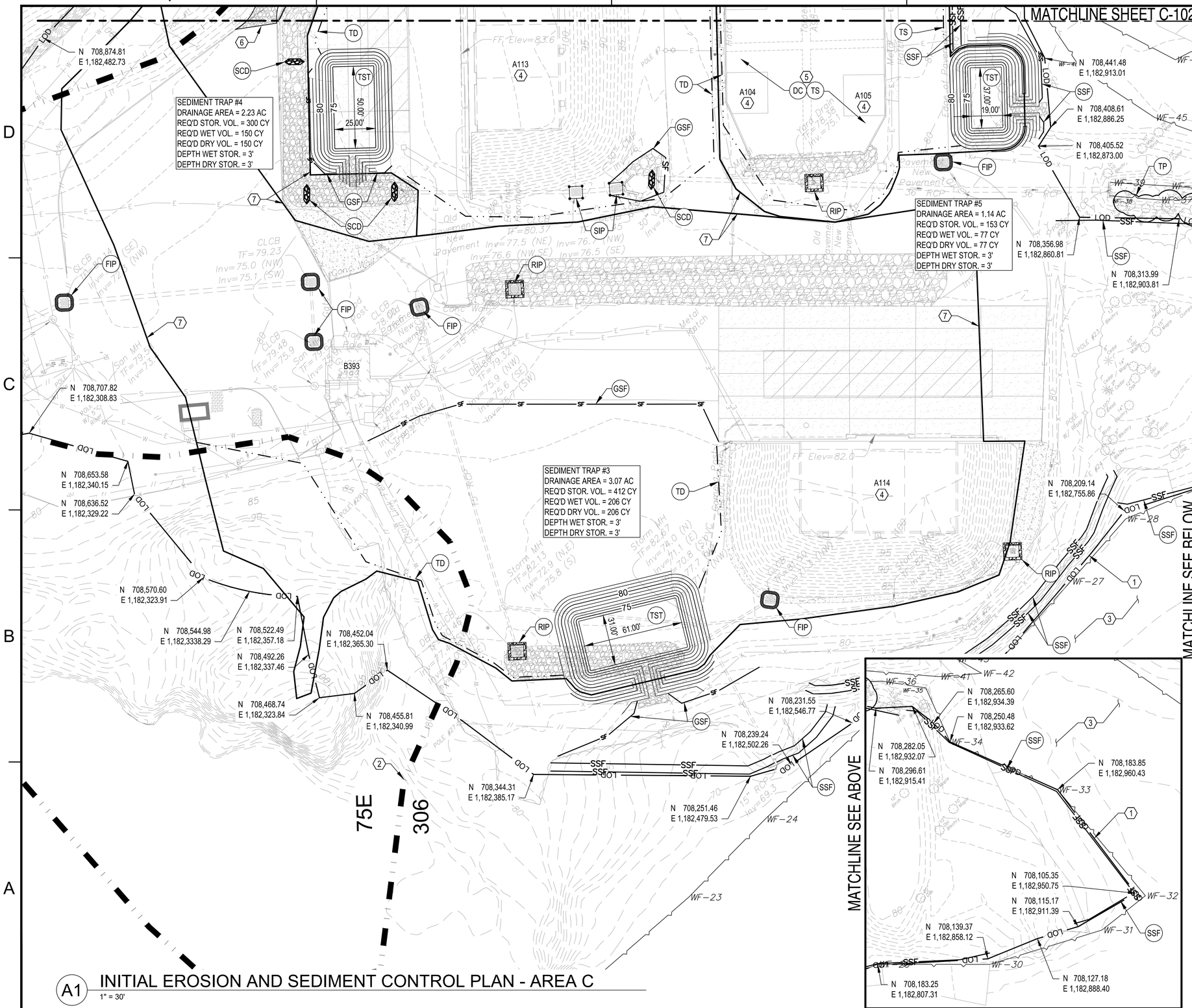
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT

P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA B

SCALE:	AS NOTED
EPROJECT NO.:	1667770
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12893840
SHEET	34 OF 152

C-102

FILE NAME: C:\pw_workdir\dms003\joincy.corum@jacobs.com\d0919642\P1102_C-102.dwg LAYOUT NAME: C-102 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:24am USER: CORUMJ



A1 INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA C

1" = 30'

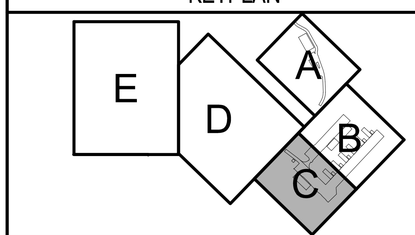
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. COORDINATE WITH USFWS REGARDING SITE CLEARING RESTRICTIONS RELATED TO THE NORTHERN LONG-EARED BAT. LIMIT TREE CLEARING TO DESIGNATED SEASONS REQUIRED BY USFWS.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. SOIL DELINEATION
3. DELINEATED WETLAND AREA
4. EXISTING MAGAZINES
5. PROVIDE DUST CONTROL DURING DEMOLITION OF EXISTING MAGAZINES. PROVIDE TEMPORARY SEEDING ON DISTURBED AREAS IF CONSTRUCTION OF MAGAZINES IS DELAYED FOR MORE THAN 30 DAYS.
6. TEMPORARY GRAVEL CONSTRUCTION ACCESS, APPROXIMATELY 320' IN LENGTH, REFER TO D1/CS504
7. TEMPORARY SEDIMENT TRAP LIMITS OF DRAINAGE AREA

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

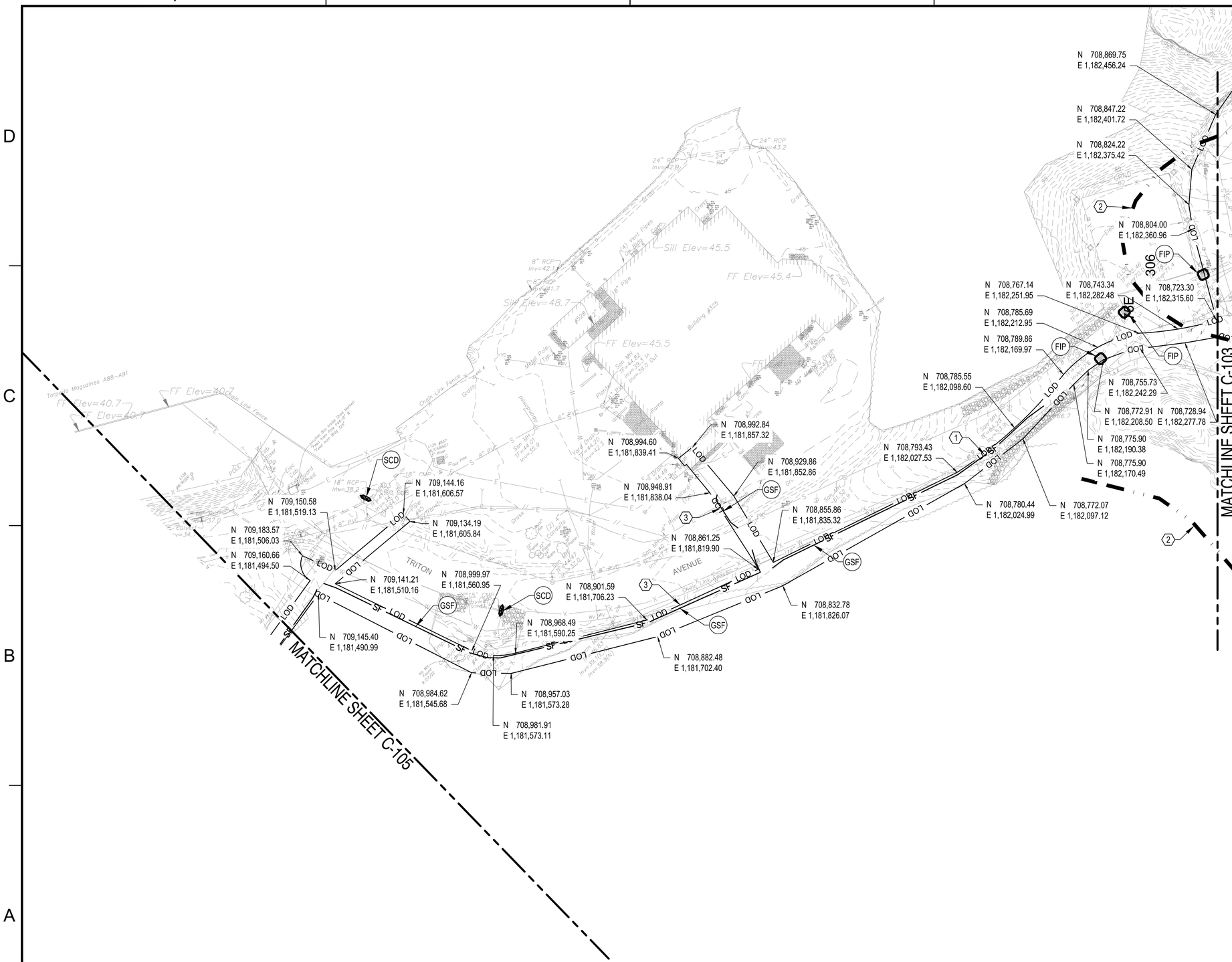
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA C

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893841
SHEET 35 OF 152
C-103

FILE NAME: C:\pw_workdir\dms0033\jdiney.corum@jacobs.com\d0919642\P1102_C-103.dwg LAYOUT NAME: C-103 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:25am USER: CORUMJ



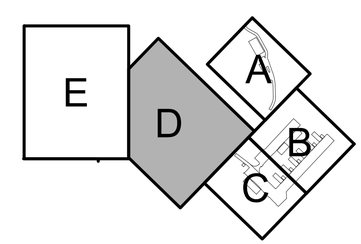
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. SECURE AREAS FROM VEHICULAR TRAFFIC AND PEDESTRIAN ACCESS. PROVIDE TRAFFIC AND PEDESTRIAN CONTROL.
6. INSTALL EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH E&SC PLAN.
7. SAW CUT PAVEMENT OR CONCRETE AS INDICATED ON DRAWINGS.
8. EXCAVATE TRENCH AND STOCKPILE SUITABLE MATERIALS. USE DEWATERING MEASURES AS NEEDED. REMOVE UNSUITABLE MATERIALS TO A SECURED STOCKPILE AREA. PROTECT STOCKPILES FROM EROSION, REFER TO A2/C-501. EXCAVATE NO MORE THAN THE LINEAR FEET OF CONSTRUCTION PROJECT THAT CAN BE COMPLETED AND BACKFILLED IN THE COURSE OF A NORMAL WORKDAY.
9. INSTALL UTILITIES AS INDICATED ON DRAWINGS.
10. BACKFILL TRENCH WITH MATERIALS THAT MEET SPECIFICATION STANDARDS AND REQUIRED COMPACTION.
11. RESTORE PAVED AREAS AND APPLY STABILIZATION MEASURES IN ACCORDANCE WITH E&SC PLAN (TOPSOILING, SEEDING, MULCHING, ETC.).
12. ON A DAILY BASIS REPEAT ITEMS 7 THROUGH 11.
13. AFTER SITE IS STABILIZED, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL (E.G. GEOTEXTILE SILT FENCES).
14. COORDINATE WITH USFWS REGARDING SITE CLEARING RESTRICTIONS RELATED TO THE NORTHERN LONG-EARED BAT. LIMIT TREE CLEARING TO DESIGNATED SEASONS REQUIRED BY USFWS.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. SOIL DELINEATION
3. PROVIDE PERIMETER CONTROLS ALONG DOWNSTREAM SIDE OF TRENCHING OPERATIONS. PROVIDE GEOTEXTILE SILT FENCE IN NON-PAVED AREAS AND ANCHORED FIBER ROLL IN PAVED AREAS, REFER TO C1/C-501 AND C2/C-503.

KEYPLAN



GRAPHIC SCALE

1"=50' 0' 50' 100'

PLAN NORTH

A1 INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA D
1" = 50'

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
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ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025
ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

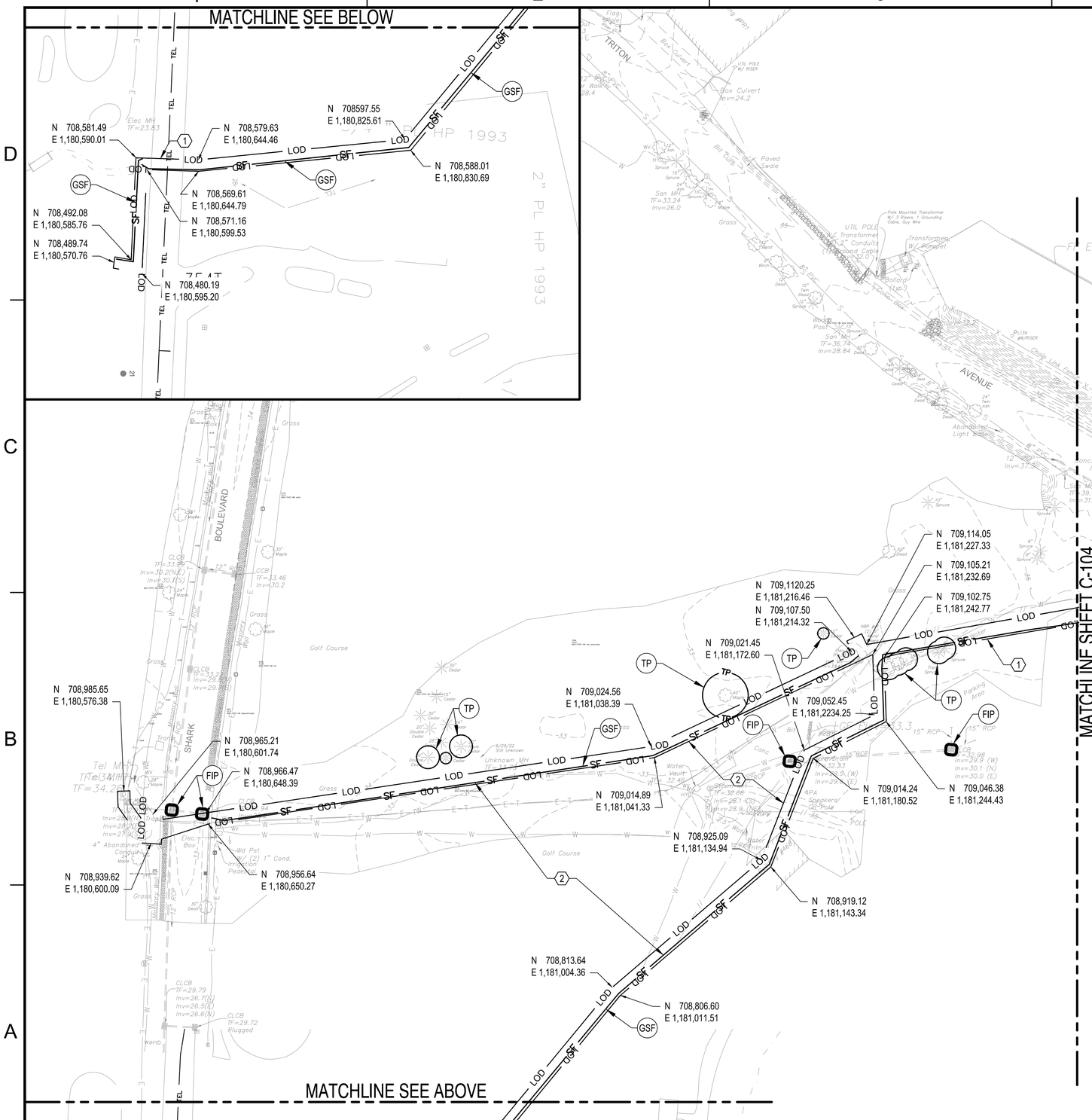
DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA D

SCALE:	AS NOTED
EPROJECT NO.:	1667770
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12893842
SHEET	36 OF 152
	C-104

FILE NAME: C:\pw_work\dms\dms0033\jcorum@jacobs.com\d0919642\P1102_C-104.dwg LAYOUT NAME: C-104 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 – 10:27am USER: CORUMJ



A1 INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA E

1" = 50'

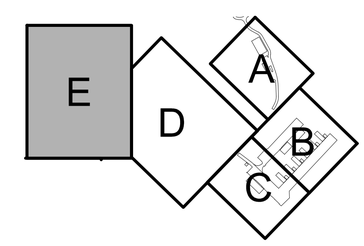
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. SECURE AREAS FROM VEHICULAR TRAFFIC AND PEDESTRIAN ACCESS. PROVIDE TRAFFIC AND PEDESTRIAN CONTROL.
6. INSTALL EROSION AND SEDIMENT CONTROLS AND TREE PROTECTION DEVICES IN ACCORDANCE WITH E&SC PLAN.
7. SAW CUT PAVEMENT OR CONCRETE AS INDICATED ON DRAWINGS.
8. EXCAVATE TRENCH AND STOCKPILE SUITABLE MATERIALS. USE DEWATERING MEASURES AS NEEDED. REMOVE UNSUITABLE MATERIALS TO A SECURED STOCKPILE AREA. PROTECT STOCKPILES FROM EROSION, REFER TO A2/C-501. EXCAVATE NO MORE THAN THE LINEAR FEET OF CONSTRUCTION PROJECT THAT CAN BE COMPLETED AND BACKFILLED IN THE COURSE OF A NORMAL WORKDAY.
9. INSTALL UTILITIES AS INDICATED ON DRAWINGS.
10. BACKFILL TRENCH WITH MATERIALS THAT MEET SPECIFICATION STANDARDS AND REQUIRED COMPACTION.
11. RESTORE PAVED AREAS AND APPLY STABILIZATION MEASURES IN ACCORDANCE WITH E&SC PLAN (TOPSOILING, SEEDING, MULCHING, ETC.).
12. ON A DAILY BASIS REPEAT ITEMS 7 THROUGH 11.
13. AFTER SITE IS STABILIZED, REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL (E.G. GEOTEXTILE SILT FENCES).
14. COORDINATE WITH USFWS REGARDING SITE CLEARING RESTRICTIONS RELATED TO THE NORTHERN LONG-EARED BAT. LIMIT TREE CLEARING TO DESIGNATED SEASONS REQUIRED BY USFWS.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. PROVIDE PERIMETER CONTROLS ALONG DOWNSTREAM SIDE OF TRENCHING OPERATIONS. PROVIDE GEOTEXTILE SILT FENCE IN NON-PAVED AREAS AND ANCHORED FIBER ROLL IN PAVED AREAS, REFER TO C1/C-501 AND C2/C-503.

KEYPLAN



GRAPHIC SCALE

1"=50' 0' 50' 100'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

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1100 NORTH GLEBE ROAD
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FAX: 571.218.1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM			SMS/CWJ
BRANCH MANAGER			DLB
CHIEF ENG/ARCH			JWJ
FIRE PROTECTION			HPN

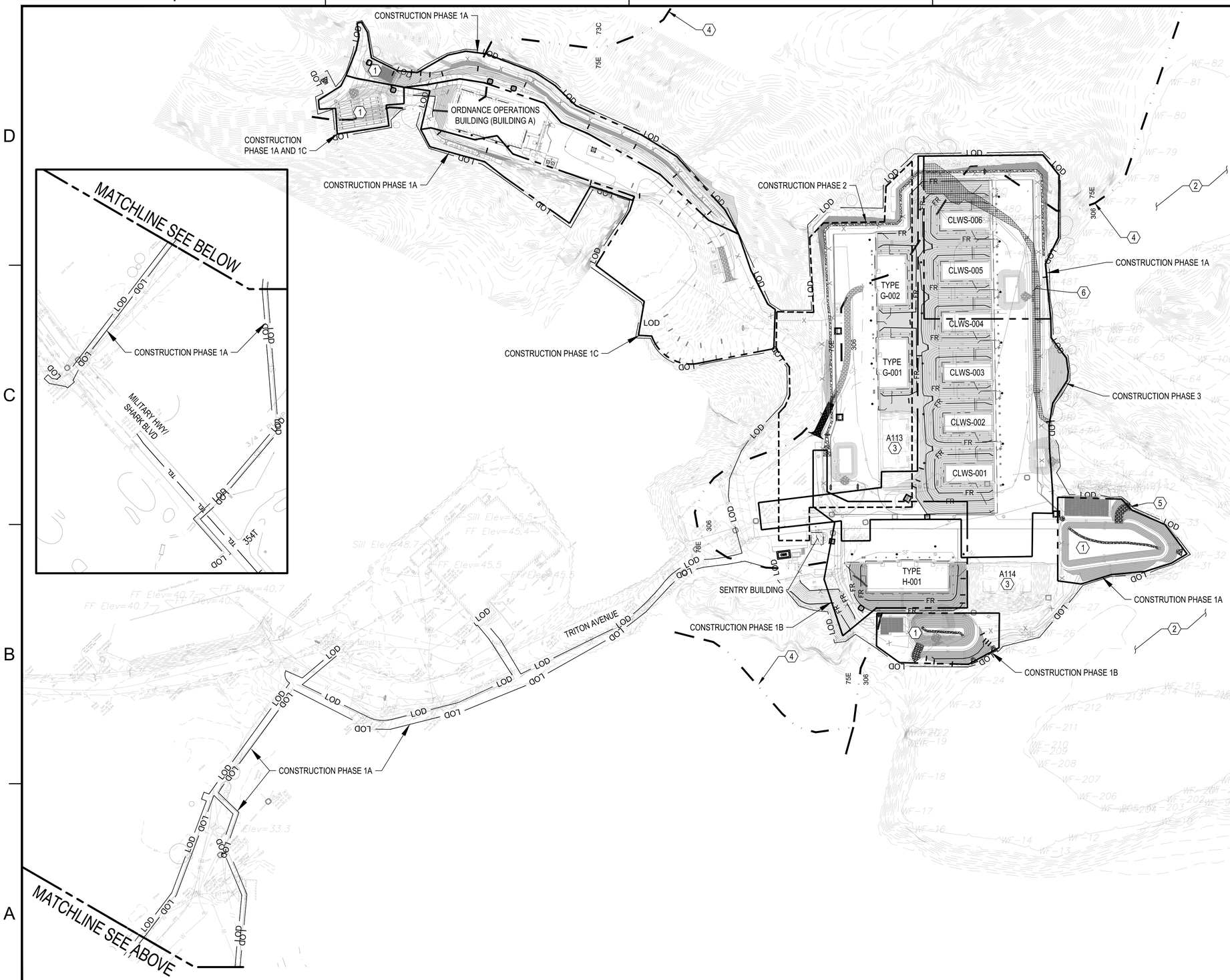
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
INITIAL EROSION AND SEDIMENT CONTROL PLAN - AREA E

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893843
SHEET 37 OF 152
C-105

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_C-105.dwg LAYOUT NAME: C-105 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:28am USER: CORUMJ



A1 FINAL EROSION AND SEDIMENT CONTROL PLAN - OVERALL

1" = 100'

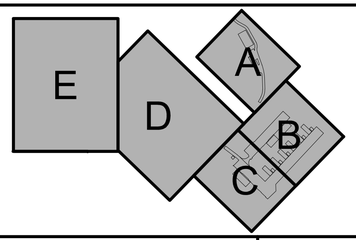
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.

KEYED NOTES

1. STORMWATER MANAGEMENT AREA
2. DELINEATED WETLAND AREA
3. EXISTING MAGAZINE
4. SOIL DELINEATION
5. RIP RAP LINED EMERGENCY SPILLWAY, REFER TO C4/CG509
6. APPROXIMATE LIMITS OF IMPACTED INLAND WETLAND, 0.24 ACRE.

KEYPLAN



GRAPHIC SCALE

1"=100' 0' 100' 200'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT · JOSHUA D. CORUM · 36275 · LICENSED PROFESSIONAL ENGINEER · 6/23/25

SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO: DATE: 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
MID-ATLANTIC

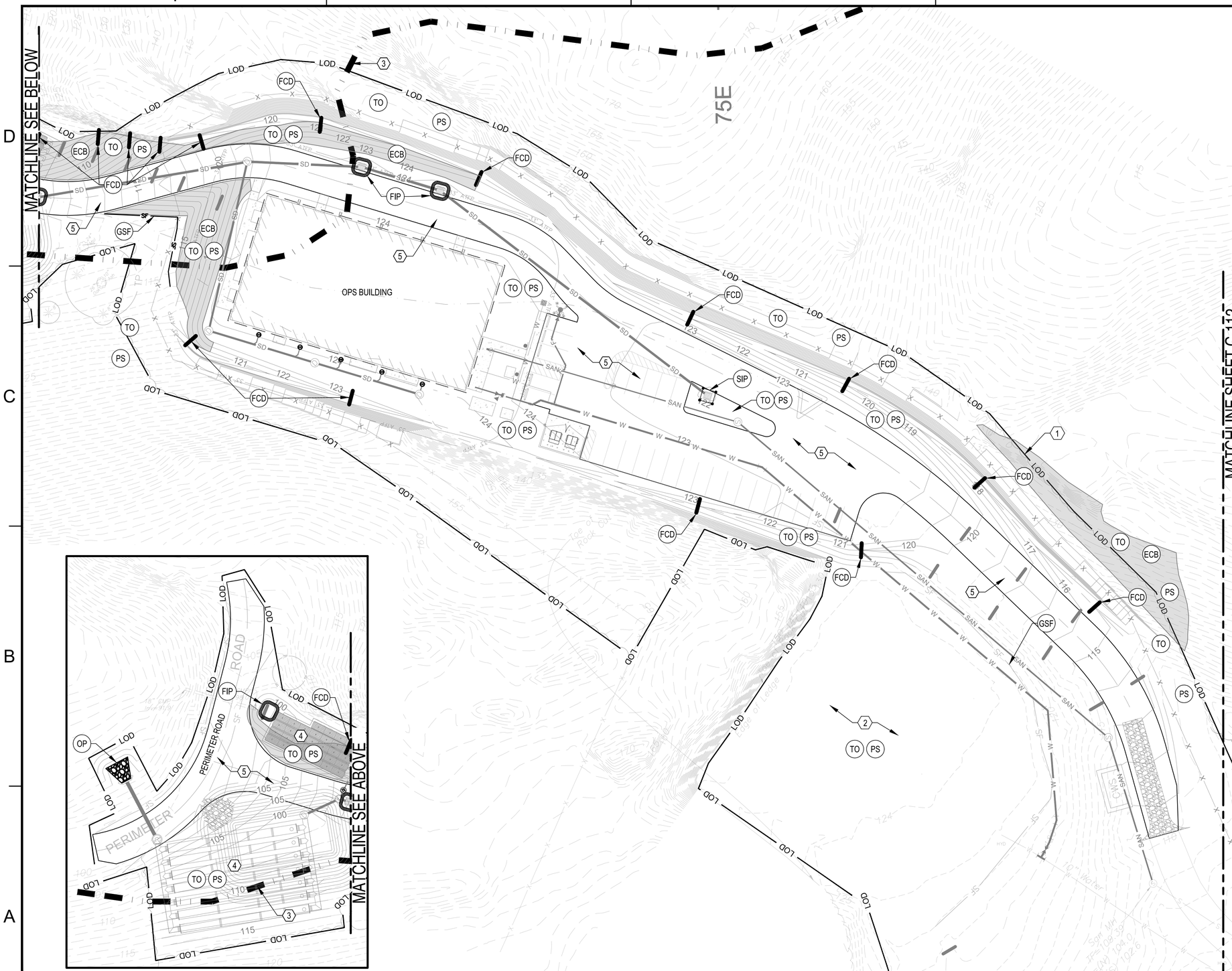
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT

P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
FINAL EROSION AND SEDIMENT CONTROL PLAN - OVERALL

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893844
SHEET 38 OF 152

C-110

FILE NAME: C:\pw_workdir\dm0033\jcney.corum@jacobs.com\d0919642\P1102_C-110.dwg LAYOUT NAME: C-110 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 – 10:31am USER: CORUMJ



A1 FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA A

1" = 30'

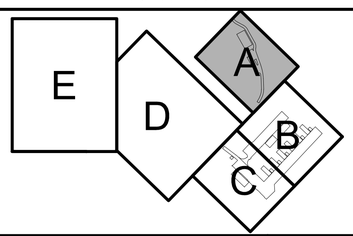
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. EROSION CONTROL MEASURES IN PHASE 1 SHOWN SCREENED FOR REFERENCE.
6. PROTECT TEMPORARY SOIL STOCKPILES FROM EROSION, REFER TO A2/C-501.
7. REFER TO LANDSCAPE ARCHITECTURE SHEETS LS101 TO LS103 FOR SEEDING AND FINAL SITE STABILIZATION INFORMATION.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. TOPSOIL AND PERMANENTLY SEED DISTURBED AREAS RESULTING FROM DEMOLITION OF EXISTING BUILDING 524
3. SOIL DELINEATION
4. STORM WATER MANAGEMENT AREA
5. ASPHALT PAVEMENT

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT · JOSHUA D. CORUM · 36275 · LICENSED PROFESSIONAL ENGINEER · 6/23/25 · SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

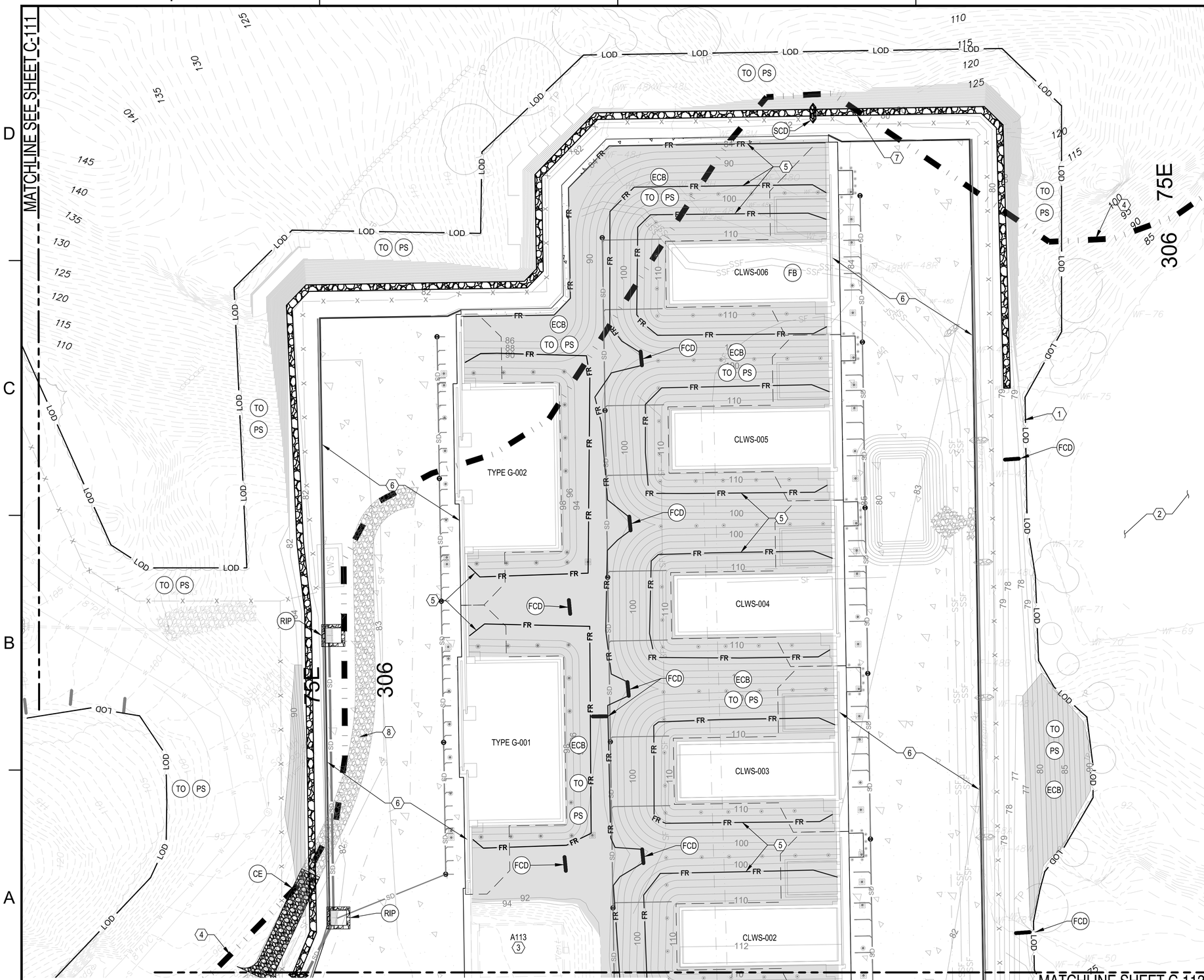
DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA A

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893845
SHEET 39 OF 152
C-111

FILE NAME: C:\pw_workdir\dms0033\jcheyney.corum@jacobs.com\d0919642\P1102_C-111.dwg LAYOUT NAME: C-111 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:33pm USER: CORUMJ



A1 FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA B

1" = 30'

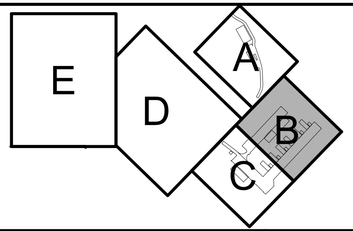
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. EROSION CONTROL MEASURES IN PHASE 1 SHOWN SCREENED FOR REFERENCE.
6. PROTECT TEMPORARY SOIL STOCKPILES FROM EROSION, REFER TO A2/C-501.
7. PROVIDE FILTER BAG TO REMOVE SEDIMENT FROM DEWATERING ACTIVITIES.
8. PROVIDE FIBER ROLLS AND FIBER ROLL CHECK DAMS ON EARTH COVER OVER MAGAZINES UNTIL TOPSOILING, PERMANENT SEEDING, AND EROSION BLANKETS ARE INSTALLED. BID OPTION 4 (BO-4) - PROVIDE ETHYLENE PROPYLENE DIENE TERPOLYMER (EPDM) ROOFING MATERIAL ON EARTH COVER OVER MAGAZINES, REFER TO STRUCTURAL DETAILS FOR ADDITIONAL INFORMATION.
9. REFER TO LANDSCAPE ARCHITECTURE SHEETS LS101 TO LS103 FOR SEEDING AND FINAL SITE STABILIZATION INFORMATION.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. DELINEATED WETLAND AREAS
3. EXISTING MAGAZINE
4. SOIL DELINEATION
5. FIBER ROLL
6. CONCRETE PAVEMENT
7. RIPRAP LINED CHANNEL, REFER TO A1/CG508
8. REMOVE TEMPORARY GRAVEL ACCESS ROAD

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT · JOSHUA D. CORUM · 36275 · LICENSED PROFESSIONAL ENGINEER · 6/23/25 · SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3-14-2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

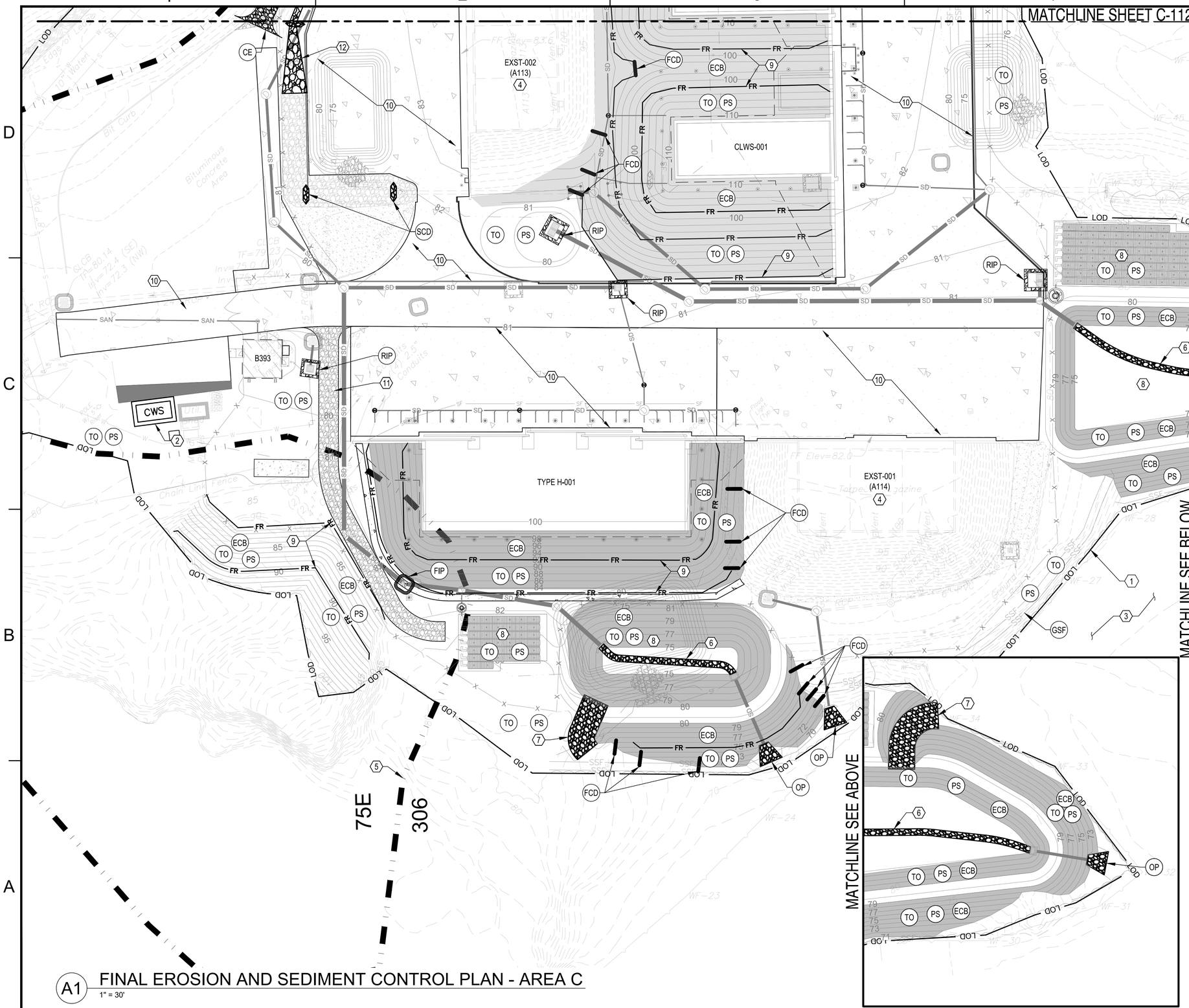
SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
DEPARTMENT OF THE NAVY
MID-ATLANTIC
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA B

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893846
SHEET 40 OF 152
C-112

FILE NAME: C:\pw_workdir\dms0033\joincy.corum@jacobs.com\d0919642\P1102_C-112.dwg LAYOUT NAME: C-112 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 – 10:34am USER: CORUMJ



A1 FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA C

1" = 30'

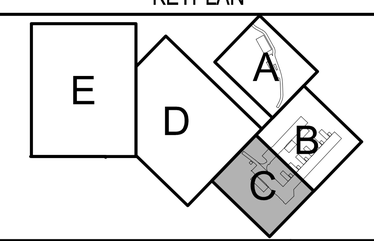
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. EROSION CONTROL MEASURES IN PHASE 1 SHOWN SCREENED FOR REFERENCE.
6. PROTECT TEMPORARY SOIL STOCKPILES FROM EROSION, REFER TO A2/C-501.
7. PROVIDE FILTER BAG TO REMOVE SEDIMENT FROM DEWATERING ACTIVITIES.
8. PROVIDE FIBER ROLLS AND FIBER ROLL CHECK DAMS ON EARTH COVER OVER MAGAZINES UNTIL TOPSOILING, PERMANENT SEEDING, AND EROSION BLANKETS ARE INSTALLED. BID OPTION 4 (BO-4) - PROVIDE ETHYLENE PROPYLENE DIENE TERPOLYMER (EPDM) ROOFING MATERIAL ON EARTH COVER OVER MAGAZINES, REFER TO STRUCTURAL DETAILS FOR ADDITIONAL INFORMATION.
9. REFER TO LANDSCAPE ARCHITECTURE SHEETS LS101 TO LS103 FOR SEEDING AND FINAL SITE STABILIZATION INFORMATION.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. CONCRETE WASHOUT STRUCTURE, REFER TO A4/C-501
3. DELINEATED WETLAND AREA
4. EXISTING MAGAZINE
5. SOIL DELINEATION
6. RIPRAP PILOT CHANNEL, REFER TO A3/CG509
7. RIPRAP LINED EMERGENCY SPILLWAY, REFER TO C4/CG509
8. STORM WATER MANAGEMENT AREA
9. FIBER ROLL, REFER TO C2/C-503
10. CONCRETE PAVEMENT
11. GRAVEL ACCESS DRIVE
12. RIPRAP LINED CHANNEL, REFER TO A1/CG508

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA C

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893847
SHEET 41 OF 152
C-113

FILE NAME: C:\pw_workdir\den0033\joney.corum@jacobs.com\d0919642\P1102_C-113.dwg LAYOUT NAME: C-113 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:36am USER: CORUMJ

A1 FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA D

1" = 50'

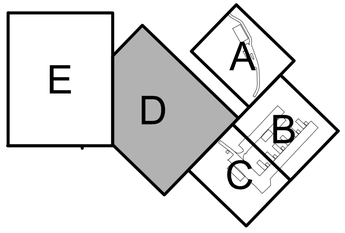
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. EROSION CONTROL MEASURES IN PHASE 1 SHOWN SCREENED FOR REFERENCE.
6. PROTECT TEMPORARY SOIL STOCKPILES FROM EROSION, REFER TO A2/C-501.
7. REFER TO LANDSCAPE ARCHITECTURE FOR SEEDING AND FINAL SITE STABILIZATION INFORMATION.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. SOIL DELINEATION
3. ASPHALT PAVEMENT

KEYPLAN



GRAPHIC SCALE

1"=50' 0' 50' 100'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
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ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED — FOR COMMANDER NAVFAC — 3/14/2025

ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO — DATE: 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

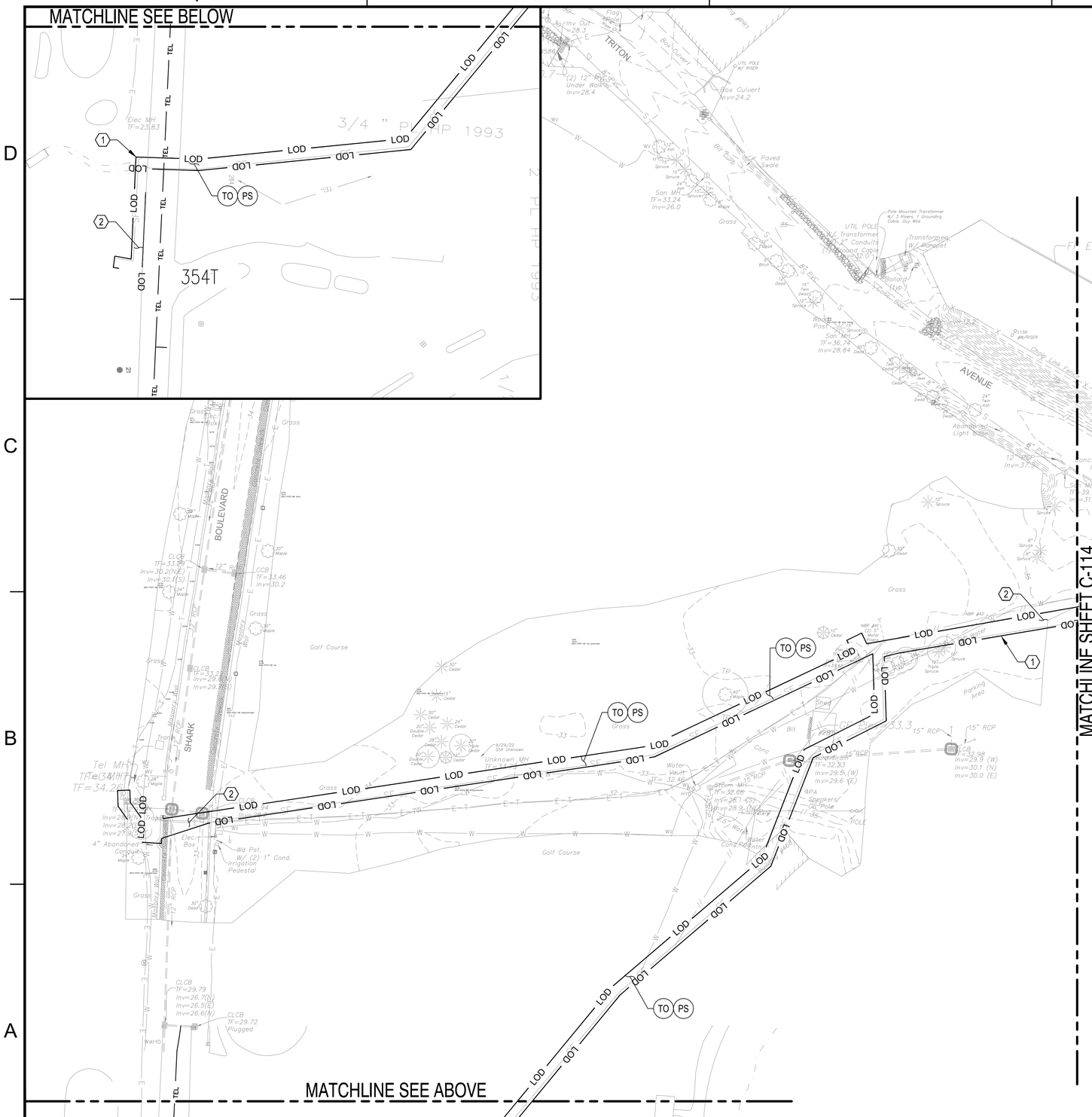
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
MID-ATLANTIC

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA D

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893848
SHEET 42 OF 152
C-114

FILE NAME: C:\pw_work\h\dm003\joniey.corum@jacobs.com\d0919642\P1102_C-114.dwg LAYOUT NAME: C-114 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 – 10:38am USER: CORUMJ



A1 FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA E

1" = 50'

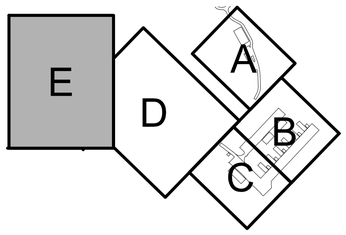
GENERAL SHEET NOTES

1. REFER TO C-004 FOR EROSION & SEDIMENT CONTROL NOTES AND SEQUENCE OF EROSION CONTROL CONSTRUCTION.
2. REFER TO SHEET C-001 FOR LEGEND AND ADDITIONAL NOTES.
3. COMPLY WITH THE CONNECTICUT SEDIMENT & EROSION CONTROL GUIDELINES, LATEST EDITION, FOR EROSION AND SEDIMENT CONTROL MEASURES UTILIZED.
4. REFER TO SHEET C-501 TO C-503 FOR EROSION AND SEDIMENT CONTROL DETAILS.
5. EROSION CONTROL MEASURES IN PHASE 1 SHOWN SCREENED FOR REFERENCE.
6. PROTECT TEMPORARY SOIL STOCKPILES FROM EROSION, REFER TO A2/C-501.
7. REFER TO LANDSCAPE ARCHITECTURE FOR SEEDING AND FINAL SITE STABILIZATION INFORMATION.

KEYED NOTES

1. LIMIT OF DISTURBANCE
2. ASPHALT PAVEMENT

KEYPLAN



GRAPHIC SCALE

1"=50' 0' 50' 100'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25

SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED — FOR COMMANDER NAVFAC — 3 JUL 2025

ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO — DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC

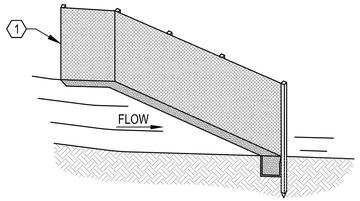
PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
MID-ATLANTIC

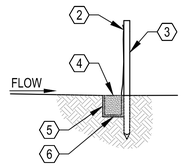
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION- NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
FINAL EROSION AND SEDIMENT CONTROL PLAN - AREA E

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893849
SHEET 43 OF 152
C-115

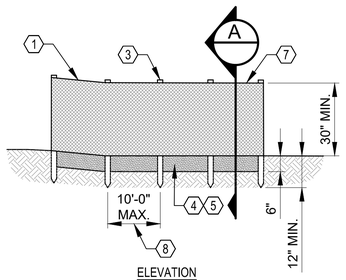
FILE NAME: C:\pw_work\dc\dms\jcorum@jacobs.com\d0919642\P1102_C-115.dwg LAYOUT NAME: C-115 EROSION & SEDIMENT CONTROL PLAN PLOTTED: Tuesday, June 17, 2025 - 10:44am USER: CORUMJ



ISOMETRIC VIEW



SECTION A



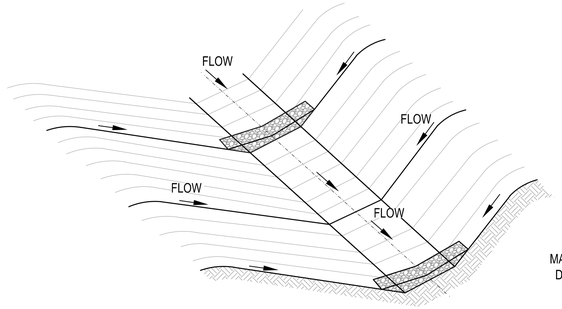
ELEVATION

1. PROVIDE WING WHEN FENCE IS MORE THAN 4' FROM TOP OF SLOPE AND FENCE LINE GRADIENT IS 5% OR MORE.
2. FASTEN GEOTEXTILE FABRIC FENCE TO WOOD STAKE JOINTS ONLY AT SUPPORT POSTS WITH MIN. 6" OVERLAP, SECURELY SEALED
3. WOOD STAKE MIN. DIMENSIONS 1.5" x 1.5" x 42"
4. EXCAVATE TRENCH 6" x 6" MIN.
5. BACKFILL AND COMPACT OVER GEOTEXTILE FABRIC FENCE WITH SOIL
6. BURY BOTTOM OF GEOTEXTILE FENCE 6" BELOW FINISHED GRADE
7. GEOTEXTILE FABRIC FENCE
8. PROVIDE A 5' POST SPACING ON SLOPES 2:1 OR STEEPER

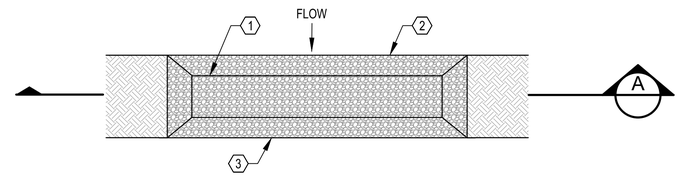
GEOTEXTILE SILT FENCE (C1)

SCALE: NTS

C-101 C-102 C-103 C-111 C-112 C-113 | C-501



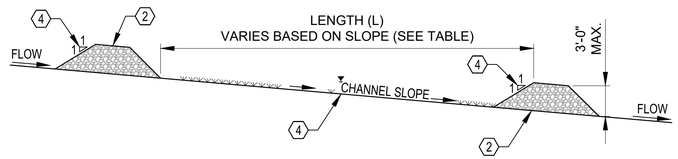
ISOMETRIC VIEW



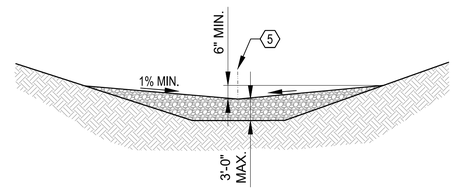
PLAN

MAXIMUM SPACING BETWEEN CHECK DAMS FOR A 3' CHECK DAM HEIGHT

CHANNEL SLOPE	LENGTH
1% TO 3%	100'
4%	75'
5%	60'
6%	50'
7%	43'
8%	38'



PROFILE



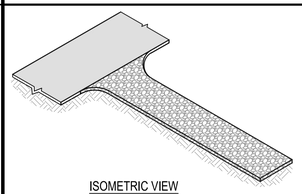
SECTION A

1. TOP OF STONE CHECK DAM
2. NO. 3 CRUSHED STONE
3. BOTTOM OF STONE CHECK DAM
4. 1:1 OR FLATTER
5. FLOW LINE OF DITCH

STONE CHECK DAM (C2)

SCALE: NTS

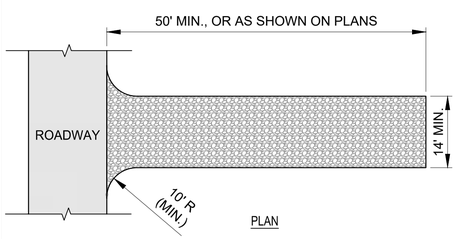
C-101 C-102 C-103 C-111 C-112 C-113 | C-501



ISOMETRIC VIEW

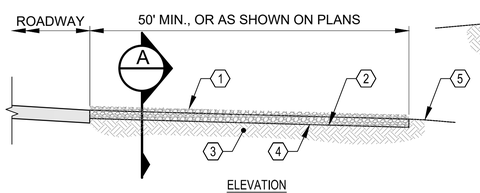
GENERAL NOTE:

1. INCREASE LENGTH OF CONSTRUCTION ENTRANCE FOR SITE COMPOSED OF CLAY OR SILTS TO MAINTAIN FUNCTION OF PAD.
2. PROVIDE ADDITIONAL GRAVEL PERIODICALLY TO MAINTAIN FUNCTION OF PAD.
3. REMOVE GRAVEL ENTRANCE AND REPLACE WITH BASE COURSE PRIOR TO COMPLETION OF ACCESS ROAD.

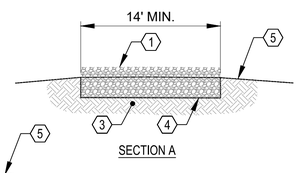


PLAN

1. NO. 3 CRUSHED STONE, MIN. 6" DEPTH
2. EXCAVATE 4" MAX.
3. COMPACTED SUBGRADE
4. GEOTEXTILE SEPARATION (HIGH SURVIVABILITY)
5. EXISTING GROUND



ELEVATION

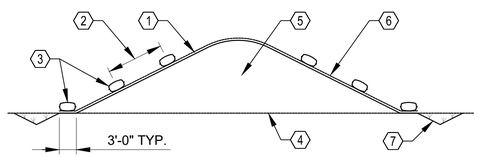


SECTION A

CONSTRUCTION ENTRANCE (A1)

SCALE: NTS

C-101 C-103 | C-501



1. REINFORCED BLACK PLASTIC COVERING, 6 MIL MINIMUM
2. 10'-0" MAX.
3. SAND BAGS, TYP.
4. EXISTING GROUND
5. TEMPORARY STOCKPILED MATERIAL
6. 2H:1V MAXIMUM SLOPE
7. GRASS LINED DITCH AROUND STOCKPILE, 2H:1V MAXIMUM SIDE SLOPES, TYP.

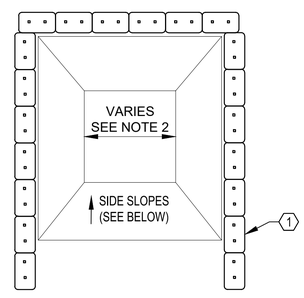
NOTES:

1. TAPE OR WEIGH DOWN SEAMS FULL LENGTH. PROVIDE MINIMUM 12" OVERLAP ON SEAMS.
2. ON SEAMS PARALLEL TO SLOPE CONTOUR PLACE UPHILL SHEET OVER DOWNHILL SHEET.
3. DO NOT ALLOW SURFACE RUN-OFF TO RUN UNDER PLASTIC COVERING.
4. CONTROL DRAINAGE FROM AREAS COVERED BY REINFORCED PLASTIC SHEETING SO NO DISCHARGE OCCURS DIRECTLY ONTO UNCONTROLLED DISTURBED AREAS OF THE CONSTRUCTION SITE.
5. MAINTAIN SAND BAGS IN PLACE WITH ROPE.

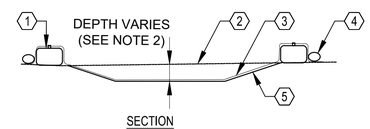
TEMPORARY STOCKPILE COVERING (A2)

SCALE: NTS

C-111 C-112 C-113 | C-501



PLAN



SECTION

1. HAY BALES OR COMPACTED EARTH BERM (SEE NOTE 3)
2. EXISTING GROUND
3. 10 MIL POLYETHYLENE SHEETING
4. SAND BAGS TO SECURE SHEETING
5. SIDE SLOPES: 2H:1V TO 3H:1V (NOMINAL)

GENERAL NOTES:

1. PROVIDE ENTIRELY SELF-CONTAINED CONCRETE WASHOUT AREA(S) PRIOR TO CONCRETE PLACEMENT ON SITE.
2. SUBMIT DESIGN, LOCATION, AND SIZING OF CONCRETE WASHOUT AREA(S) WITH PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN FOR APPROVAL.
3. LOCATE WASHOUT AREA(S) MINIMUM 50 FEET FROM STREAMS, WETLANDS, STORM DRAINS, OR OTHER SENSITIVE RESOURCE.
4. PROVIDE WASHOUT WITH SUFFICIENT VOLUME TO CONTAIN LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.
5. SURFACE DISCHARGE IS UNACCEPTABLE. PROVIDE HAY BALES AND SANDBAGS, AS DETAILED, AROUND PERIMETER OF CONCRETE WASHOUT AREA FOR CONTAINMENT.
6. PLACE SIGNS AT CONSTRUCTION ENTRANCE, AT CONCRETE AREA(S), AND ELSEWHERE, TO CLEARLY INDICATE LOCATION OF CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. FLAG WASHOUT AREA(S) WITH SAFETY FENCING OR OTHER APPROVED METHOD.
7. INSPECT WASHOUT AREA(S) MINIMUM ONCE A WEEK FOR STRUCTURAL INTEGRITY, HOLDING CAPACITY, AND FOR LEAKS, TEARS, OR OVERFLOWS. INSPECT WASHOUT AREA(S) AFTER RAINFALL EVENTS OF $\frac{1}{2}$" OR GREATER.
8. REMOVE AND DISPOSE OF HARDENED CONCRETE WASTE WHEN WASTE HAS ACCUMULATED TO HALF THE CONCRETE WASHOUT'S DEPTH. DISPOSE OF CONCRETE WASTE IN ACCORDANCE WITH APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.

CONCRETE WASHOUT STRUCTURE (A4)

SCALE: NTS

C-101 C-103 | C-501

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED — FOR COMMANDER NAVFAC — 3/14/2025

ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO: DATE: 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY — NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND — MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC — NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON — GROTON, CONNECTICUT

P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY — SITE

CIVIL — EROSION AND SEDIMENT CONTROL DETAILS

SCALE: AS NOTED

EPROJECT NO.: 1667770

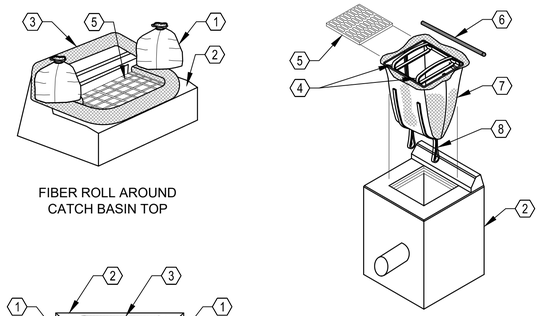
CONSTR. CONTR. NO.

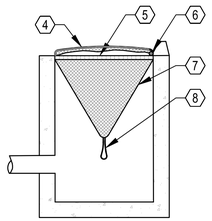
NAVFAC DRAWING NO. 12893850

SHEET 44 OF 152

C-501

FILE NAME: C:\pw_workdir\dem003\qiney.corum@jacobs.com\d0919642\P1102_C-501.dwg LAYOUT NAME: C-501 EROSION AND SEDIMENT CONTROL DETAILS PLOTTED: Tuesday, June 17, 2025 - 10:58am USER: CORUMJL



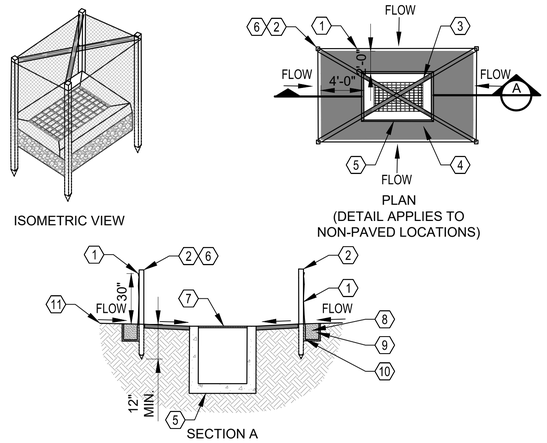


1. SAND BAG
2. CATCH BASIN
3. 9" FIBER ROLL
4. LIFT STRAPS
5. CATCH BASIN GRATE
6. CURB DEFLECTOR
7. SILT SACK
8. DUMPING STRAPS

FIBER ROLL INLET PROTECTION (C1)

SCALE: NTS

C-103 | C-502

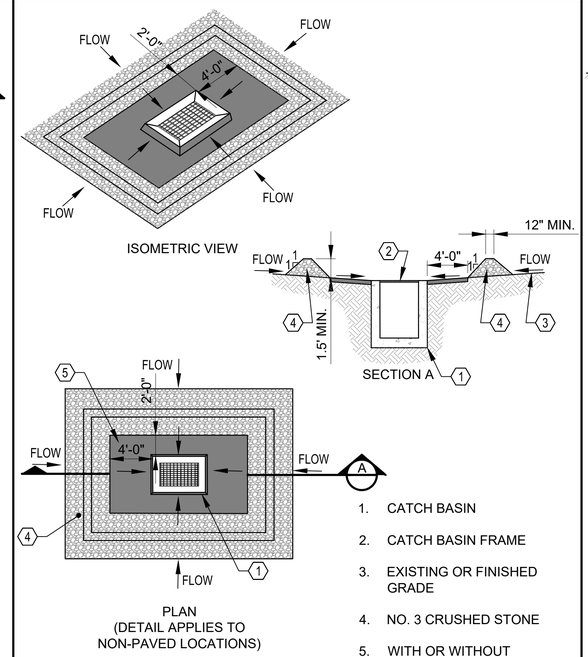


1. FABRIC FENCE
2. WOOD STAKE, 1.5" x 1.5" x 42"
3. WOOD SUPPORT, 1.5" x 3.5"
4. WITH OR WITHOUT PAVED APRON
5. CATCH BASIN
6. SET WOOD STAKES AT CORNERS
7. CATCH BASIN FRAME
8. EXCAVATE TRENCH 6" x 6" MIN.
9. BACKFILL AND COMPACT OVER FABRIC WITH SOIL
10. BURY BOTTOM OF FABRIC 6" BELOW GRADE
11. EXISTING OR FINISHED GRADE

SILT FENCE INLET PROTECTION (C2)

SCALE: NTS

C-111 | C-502

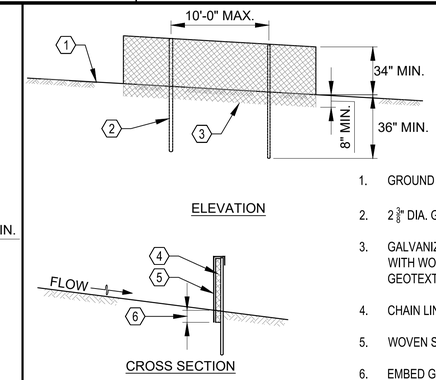


1. CATCH BASIN
2. CATCH BASIN FRAME
3. EXISTING OR FINISHED GRADE
4. NO. 3 CRUSHED STONE
5. WITH OR WITHOUT PAVED APRON

ROCK INLET PROTECTION (C3)

SCALE: NTS

C-112 | C-502
C-113



1. GROUND SURFACE
2. $2\frac{3}{8}$" DIA. GALVANIZED STEEL
3. GALVANIZED CHAIN LINK FENCE WITH WOVEN SLIT FILM GEOTEXTILE
4. CHAIN LINK FENCING
5. WOVEN SLIT FILM GEOTEXTILE
6. EMBED GEOTEXTILE AND CHAIN LINK FENCE 8" MIN. INTO GROUND

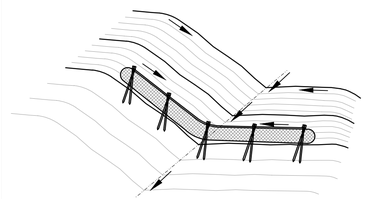
GENERAL NOTES

1. PROVIDE GALVANIZED STEEL POSTS OF 0.095 INCH WALL THICKNESS AND SIX FOOT LENGTH.
2. FASTEN 9 GAUGE OR HEAVIER GALVANIZED CHAIN LINK FENCE ($2\frac{3}{8}$" INCH MAXIMUM OPENING) 42 INCHES IN HEIGHT SECURELY TO THE FENCE POSTS WITH WIRE TIES OR HUG RINGS.
3. FASTEN WOVEN SLIT FILM GEOTEXTILE SECURELY TO THE UPSLOPE SIDE OF CHAIN LINK FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP AND MID SECTION.
4. WHERE ENDS OF THE GEOTEXTILE COME TOGETHER, OVERLAP ENDS BY 6 INCHES, FOLDED, AND STAPLED TO PREVENT SEDIMENT BY PASS.
5. EXTEND BOTH ENDS OF THE SUPER SILT FENCE A MINIMUM OF FIVE HORIZONTAL FEET UPSLOPE AT 45° TO THE MAIN FENCE ALIGNMENT TO PREVENT RUNOFF FROM GOING AROUND ENDS OF SUPER SEDIMENT FENCE.
6. REMOVE ACCUMULATED SEDIMENT AND DEBRIS WHEN BULGES DEVELOP IN FENCE OR WHEN SEDIMENT REACHES 25% OF FENCE HEIGHT. REPLACE GEOTEXTILE IF TORN. IF UNDERMINING OCCURS, REINSTALL CHAIN LINK FENCING AND GEOTEXTILE.

SUPER SILT FENCE (C4)

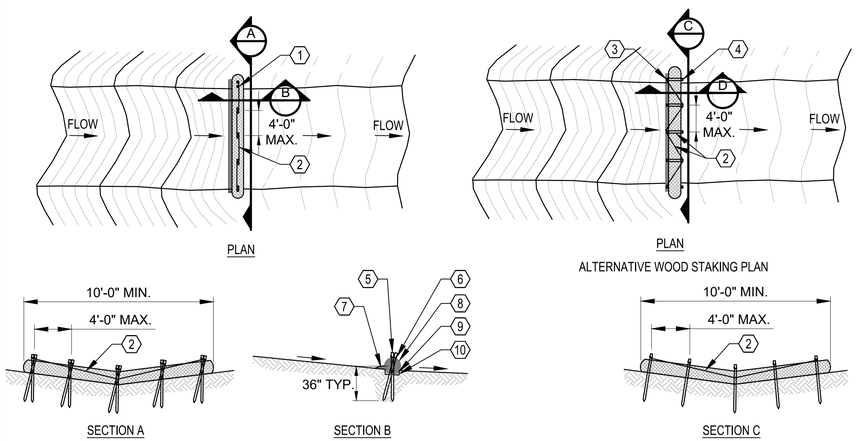
SCALE: NTS

C-102 | C-502
C-103



GENERAL NOTE:

1. STORE FIBER ROLLS TO ENSURE ROLLS ARE DRY PRIOR TO INSTALLATION.

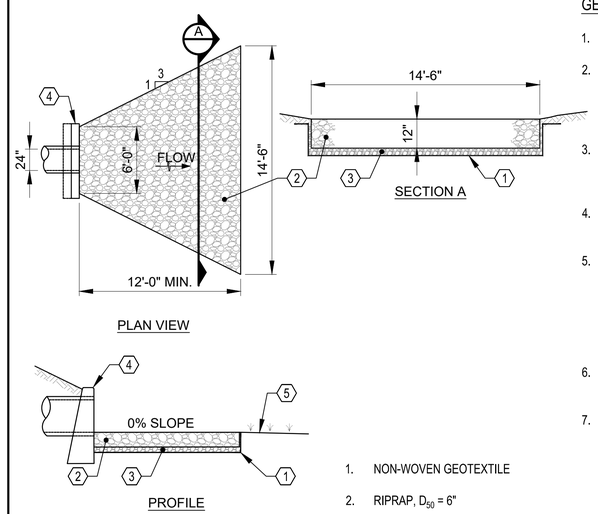


1. WOOD STAKES
2. TWINE (TYP.)
3. UPSLOPE WOOD STAKES
4. DOWNSLOPE WOOD STAKES
5. 2 WOOD STAKES 1.5" x 1.5" x 48"
6. STAKES TIED TOGETHER WITH TWINE (TYP.)
7. BACKFILL AND COMPACT EXCAVATED FILL ALONG FIBER ROLL
8. 20" FIBER ROLL
9. FILL TRENCH WITH SOIL
10. 3" DEEP TRENCH

FIBER ROLL CHECK DAM (A1)

SCALE: NTS

C-101 | C-502



1. NON-WOVEN GEOTEXTILE
2. RIPRAP, D_{50} = 6"
3. BEDDING MATERIAL
4. END WALL, REFER TO A3/CG502
5. EXISTING STABILIZED AREA

GENERAL NOTES

1. PROVIDE RIPRAP AND BEDDING MATERIAL.
2. USE NON-WOVEN GEOTEXTILE AND PROTECT FROM PUNCTURING, CUTTING, OR TEARING. REPAIR DAMAGE BY PLACING ANOTHER PIECE OF GEOTEXTILE OVER THE DAMAGED PART OR BY COMPLETELY REPLACING THE GEOTEXTILE. PROVIDE A MINIMUM OF ONE FOOT OVERLAP FOR REPAIRS AND FOR JOINING TWO PIECES OF GEOTEXTILE TOGETHER.
3. PREPARE THE SUBGRADE FOR GEOTEXTILE, BEDDING MATERIAL, AND RIP RAP TO REQUIRED LINES AND GRADES. COMPACT FILL REQUIRED IN THE SUBGRADE TO A DENSITY OF THE SURROUNDING UNDISTURBED MATERIAL.
4. EXTEND GEOTEXTILE AT LEAST 6 INCHES BEYOND EDGES OF RIPRAP AND EMBED AT LEAST 4 INCHES AT SIDES OF RIPRAP.
5. CONSTRUCT RIPRAP OUTLET TO FULL COURSE THICKNESS IN ONE OPERATION AND IN SUCH A MANNER AS TO AVOID DISPLACEMENT OF UNDERLYING MATERIALS. PLACE STONE FOR RIP RAP OUTLET IN A MANNER THAT WILL ENSURE THAT IT IS REASONABLY HOMOGENOUS WITH THE SMALLER STONES AND SPALLS FILLING THE VOIDS BETWEEN THE LARGER STONES. PLACE RIP RAP IN A MANNER TO PREVENT DAMAGE TO THE FILTER BLANKET OR GEOTEXTILE. HAND PLACE TO THE EXTENT NECESSARY.
6. CONSTRUCT APRON WITH 0% SLOPE ALONG ITS LENGTH AND WITHOUT OBSTRUCTIONS. PLACE STONE SO THAT IT BLENDS WITH EXISTING GROUND.
7. MAINTAIN LINE, GRADE, AND CROSS SECTION. KEEP OUTLET FREE OF EROSION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS. AFTER HIGH FLOWS INSPECT FOR SCOUR AND DISLODGED RIP RAP. REPLACE DAMAGED RIP RAP AND GEOTEXTILE IMMEDIATELY.

OUTLET PROTECTION (A3)

SCALE: NTS

C-111 | C-502
C-113

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED — FOR COMMANDER NAVFAC — 3/14/2025

ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO — DATE: 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

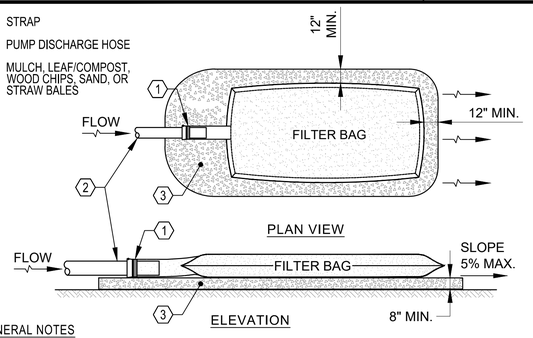
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
MID-ATLANTIC
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893851
SHEET 45 OF 152

C-502

FILE NAME: C:\pw_workdir\dms003\jdoney.corum@jacobs.com\d0919642\P1102_C-502.dwg LAYOUT NAME: C-502 EROSION AND SEDIMENT CONTROL DETAILS PLOTTED: Tuesday, June 17, 2025 – 11:00am USER: CORUMJL

1. STRAP
2. PUMP DISCHARGE HOSE
3. MULCH, LEAF/COMPOST, WOOD CHIPS, SAND, OR STRAW BALES



GENERAL NOTES

1. TIGHTLY SEAL SLEEVE AROUND PUMP DISCHARGE HOSE WITH A STRAP OR SIMILAR DEVICE.
2. PLACE FILTER BAG ON BASE (E.G., MULCH, LEAF/WOOD COMPOST, WOOD CHIPS, SAND, OR STRAW BALES) LOCATED ON A LEVEL OR 5% MAXIMUM SLOPING SURFACE. DISCHARGE TO A STABILIZED AREA. EXTEND BASE A MINIMUM OF 12" FROM EDGES OF BAG.
3. CONTROL PUMPING RATE TO PREVENT EXCESSIVE PRESSURE WITHIN THE FILTER BAG IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. AS BAG FILLS WITH SEDIMENT, REDUCE PUMPING RATE.
4. REMOVE AND DISPOSE OF FILTER BAG UPON COMPLETION OF PUMPING OPERATIONS OR AFTER BAG HAS REACHED CAPACITY, WHICHEVER OCCURS FIRST. SPREAD DE-WATERED SEDIMENT FROM BAG IN AN APPROVED UPLAND AREA AND STABILIZE WITH SEED AND MULCH BY END OF WORK DAY. RESTORE SURFACE AREA BENEATH BAG TO ORIGINAL CONDITION UPON REMOVAL OF DEVICE.
5. USE NON-WOVEN GEOTEXTILE WITH DOUBLE STITCHED SEAMS USING HIGH STRENGTH THREAD. SIZE SLEEVE TO ACCOMMODATE A MAXIMUM 4" DIAMETER PUMP DISCHARGE HOSE. BAG MUST BE MANUFACTURED FROM NON-WOVEN GEOTEXTILE THAT MEETS OR EXCEEDS MINIMUM AVERAGE ROLL VALUES (MARV) FOR THE FOLLOWING:

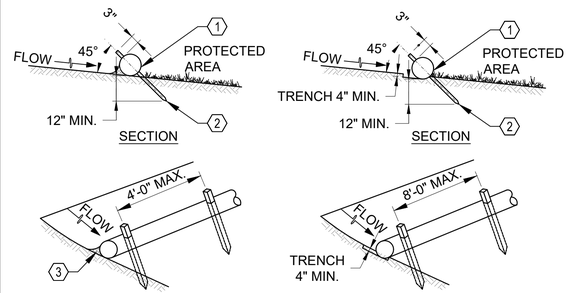
GRAB TENSILE	250 LB	ASTM D-4632
PUNCTURE	150 LB	ASTM D-4833
FLOW RATE	70 GAL/MIN/FT²	ASTM D-4491
PERMITTIVITY (SEC^{-1})	1.2 SEC^{-1}	ASTM D-4491
UV RESISTANCE	70% STRENGTH @ 500 HOURS	ASTM D-4355
APPARENT OPENING SIZE	0.15-0.18 MM	ASTM D-4751
SEAM STRENGTH	90%	ASTM D-4632

6. REPLACE FILTER BAG IF BAG CLOGS OR HAS RIPS, TEARS, OR PUNCTURES. DURING OPERATION KEEP CONNECTION BETWEEN PUMP HOSE AND FILTER BAG WATER TIGHT. REPLACE BEDDING IF IT BECOMES DISPLACED.

FILTER BAG

SCALE: NTS

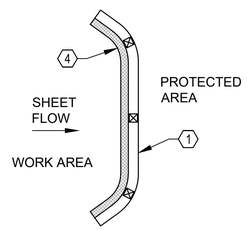
C1 — C-102, C-103, C-503



UNTRENCHED INSTALLATION OR ENTRENCHED INSTALLATION*

*THIS APPLICATION MAY NOT BE USED WITH LOGS SMALLER THAN 12 IN.

ISOMETRIC VIEW



PLAN

1. FIBER ROLL
2. 2" x 2" STAKES
3. WOOD MULCH OR COMPOST TO ½ HEIGHT OF ROLL
4. MULCH OR COMPOST FOR UNTRENCHED ROLLS

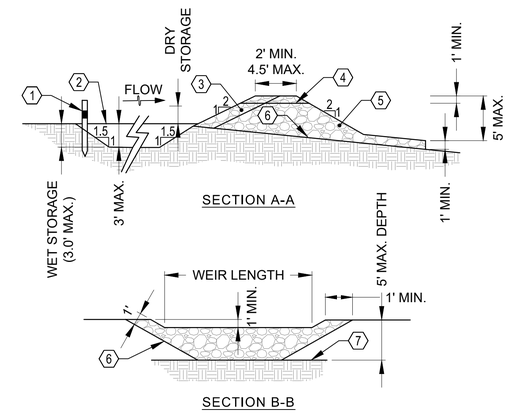
GENERAL NOTES

1. PRIOR TO INSTALLATION, CLEAR OBSTRUCTIONS INCLUDING ROCKS, CLODS, AND DEBRIS GREATER THAN ONE INCH THAT MAY INTERFERE WITH FUNCTION OF FIBER ROLL.
2. FILL ROLL NETTING UNIFORMLY WITH COMPOST, OR OTHER APPROVED BIODEGRADABLE MATERIAL TO DESIRED LENGTH SUCH THAT ROLLS DO NOT DEFORM.
3. PROVIDE FIBER ROLLS PERPENDICULAR TO THE FLOW DIRECTION AND PARALLEL TO THE SLOPE WITH THE BEGINNING AND END OF THE INSTALLATION POINTING SLIGHTLY UP THE SLOPE CREATING A "J" SHAPE AT EACH END TO PREVENT BYPASS.
4. FOR UN-TRENCHED INSTALLATION BLOW OR HAND PLACE MULCH OR COMPOST ON UPHILL SIDE OF SLOPE ALONG ROLL.
5. STAKE FIBER ROLL EVERY 4 FEET OR CLOSER ALONG ENTIRE LENGTH OF ROLL OR TRENCH ROLL INTO GROUND A MINIMUM OF 4 INCHES AND STAKE ROLL EVERY 8 FEET OR CLOSER.
6. USE STAKES WITH A MINIMUM NOMINAL CROSS SECTION OF 2X2 INCH AND OF SUFFICIENT LENGTH TO ATTAIN A MINIMUM OF 12 INCHES INTO THE GROUND AND 3 INCHES PROTRUDING ABOVE ROLL.
7. WHEN MORE THAN ONE ROLL IS NEEDED, OVERLAP ENDS 12 INCHES MINIMUM AND STAKE.
8. REMOVE SEDIMENT WHEN IT HAS ACCUMULATED TO A DEPTH OF ½ THE EXPOSED HEIGHT OF ROLL AND REPLACE MULCH. REPLACE FIBER ROLL IF TORN. REINSTALL FIBER ROLL IF UNDERMINING OR DISLODGING OCCURS. REPLACE CLOGGED FIBER ROLLS. FOR PERMANENT APPLICATIONS, ESTABLISH AND CONTINUOUSLY MEET REQUIREMENTS FOR VEGETATIVE ESTABLISHMENT.

FIBER ROLL

SCALE: NTS

C2 — C-111, C-112, C-113, C-503



SECTION B-B

GENERAL NOTES

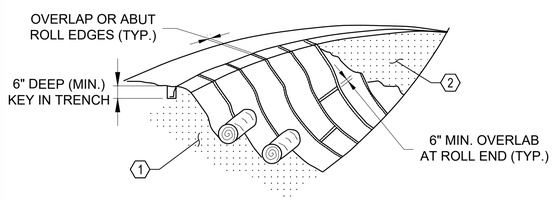
1. PROVIDE SEDIMENT TRAP ACCORDING TO CHAPTER FIVE OF THE 2024 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL.
2. THE EMBANKMENT MUST NOT EXCEED 5 FEET IN HEIGHT.
3. THE REQUIRED WIDTH AT THE TOP OF THE EMBANKMENT IS BETWEEN 2 AND 4.5 FEET.
4. SEDIMENT TRAPS ARE TEMPORARY MEASURES AND SHOULD NOT REMAIN IN PLACE LONGER THAN 2 YEARS.

1. ELEVATION MARK FOR CLEANOUT
2. WET POOL ELEVATION
3. CT DOT #3 STONE
4. WEIR CREST
5. MODIFIED ROCK RIPRAP
6. GEOTEXTILE FABRIC
7. WET POOL ELEVATION

TEMPORARY SEDIMENT TRAP

SCALE: NTS

A4 — C-101, C-102, C-103, C-503



ISOMETRIC VIEW

1. PREPARED SLOPE WITH SEED IN PLACE
2. FILL MAT VOIDS, REFER TO NOTE 9

GENERAL NOTES

1. PROVIDE MATTING WITH SHEAR STRESS STRENGTH FOR THE APPLICATION.
2. PROVIDE SOIL STABILIZATION MATTING MADE OF OPEN WEAVE SYNTHETIC, NON-DEGRADABLE FIBERS OR ELEMENTS OF UNIFORM THICKNESS AND DISTRIBUTION THROUGHOUT. CHEMICALS USED IN THE MAT MUST BE NON-LEACHING AND NON-TOXIC TO VEGETATION AND SEED GERMINATION AND NON-INJURIOUS TO THE SKIN. IF PRESENT, NETTING MUST BE EXTRUDED PLASTIC WITH A MAXIMUM MESH OPENING OF 2x2 INCHES AND SUFFICIENTLY BONDED OR SEWN ON 2 INCH CENTERS ALONG LONGITUDINAL AXIS OF THE MATERIAL TO PREVENT SEPARATION OF THE NET FROM THE PARENT MATERIAL.
3. SECURE MATTING USING STEEL STAPLES OR WOOD STAKES. STAPLES MUST BE "U" OR "T" SHAPED STEEL WIRE HAVING A MINIMUM GAUGE OF NO. 11 AND NO. 8 RESPECTIVELY. "U" SHAPED STAPLES MUST AVERAGE 1 TO 1½ INCHES WIDE AND BE A MINIMUM OF 6 INCHES LONG. "T" SHAPED STAPLES MUST HAVE A MINIMUM 8 INCH MAIN LEG, A MINIMUM 1 INCH SECONDARY LEG, AND MINIMUM 4 INCH HEAD. WOOD STAKES MUST BE ROUGH-SAWN HARDWOOD, 12 TO 24 INCHES IN LENGTH, 1x3 INCH IN CROSS SECTION, AND WEDGE SHAPE AT THE BOTTOM.
4. PERFORM FINAL GRADING, TOPSOIL APPLICATION, SEEDBED PREPARATION, AND PERMANENT SEEDING. PLACE MATTING WITHIN 48 HOURS OF COMPLETING SEEDING OPERATIONS, UNLESS END OF WORKDAY STABILIZATION IS SPECIFIED ON THE APPROVED EROSION AND SEDIMENT CONTROL PLAN.
5. UNROLL MATTING DOWN SLOPE. LAY MATTING SMOOTHLY AND FIRMLY UPON THE SEEDED SURFACE. AVOID STRETCHING THE MATTING.
6. OVERLAP OR ABUT EDGES OF MATTING ROLLS PER MANUFACTURER RECOMMENDATIONS. OVERLAP ROLL ENDS BY 6 INCHES (MINIMUM), WITH THE UPSTREAM MAT OVERLAPPING ON TOP OF THE DOWN SLOPE MAT.
7. KEY IN TOP OF SLOPE END OF MAT 6 INCHES (MINIMUM) BY DIGGING A TRENCH, PLACING THE MATTING ROLL END IN THE TRENCH, STAPLING THE MAT IN PLACE, REPLACING THE EXCAVATED MATERIAL, AND TAMPING TO SECURE THE MAT END IN THE KEY.
8. STAPLE/STAKE MAT IN A STAGGERED PATTERN ON 4 FOOT (MAXIMUM) CENTERS THROUGHOUT AND 2 FOOT (MAXIMUM) CENTERS ALONG SEAMS, JOINTS, AND ROLL ENDS.
9. IF SPECIFIED BY THE MANUFACTURER, AND DEPENDING ON THE TYPE OF MAT BEING PROVIDED, ONCE MATTING IS KEYED AND STAPLED IN PLACE, FILL MAT VOIDS WITH TOP SOIL OR GRANULAR MATERIAL AND LIGHTLY COMPACT OR ROLL TO MAXIMIZE SOIL/MAT CONTACT WITHOUT CRUSHING MAT.
10. ESTABLISH AND MAINTAIN VEGETATION SO THAT REQUIREMENTS FOR VEGETATIVE ESTABLISHMENT ARE CONTINUOUSLY MET.

TEMPORARY EROSION CONTROL BLANKET

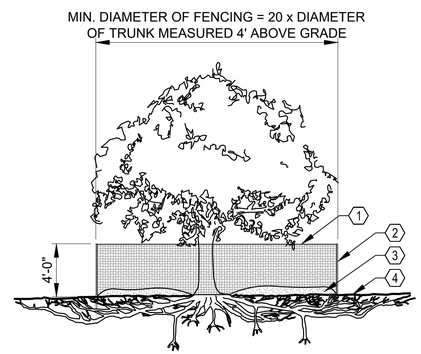
SCALE: NTS

A1 — C-111, C-112, C-113, C-503

GENERAL NOTES:

1. PRUNING MUST NOT BE PERFORMED EXCEPT BY APPROVED ARBORIST.
2. DO NOT OPERATE EQUIPMENT INSIDE PROTECTIVE FENCING INCLUDING DURING FENCE INSTALLATION AND REMOVAL.
3. REFER TO EROSION CONTROL PLAN FOR LOCATIONS OF TREE PROTECTION AREAS.

1. HIGH DENSITY POLYETHYLENE FENCING WITH 3.5" x 1.5" OPENINGS; COLOR ORANGE. STEEL POSTS SPACED 8'-0" O.C.
2. 2" x 6' STEEL POSTS OR APPROVED EQUAL.
3. 5" THICK LAYER OF MULCH
4. MAINTAIN EXISTING GRADE WITH TREE PROTECTION FENCE UNLESS OTHERWISE INDICATED ON GRADING PLAN.



SECTION VIEW

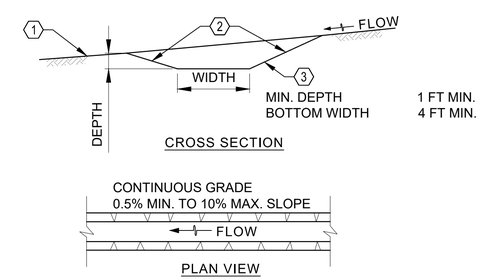
TREE PROTECTION

SCALE: NTS

A3 — C-101, C-102, C-103, C-503

GENERAL NOTES

1. REMOVE AND DISPOSE OF TREES, BRUSH, STUMPS, OBSTRUCTIONS, AND OTHER OBJECTIONABLE MATERIAL SO AS NOT TO INTERFERE WITH PROPER FUNCTION OF TEMPORARY DITCH.
2. EXCAVATE OR SHAPE TEMPORARY DITCH TO LINE, GRADE, AND CROSS SECTION AS SPECIFIED. BANK PROJECTIONS OR OTHER IRREGULARITIES ARE NOT ALLOWED.
3. STABILIZE TEMPORARY DITCH WITHIN THREE DAYS OF INSTALLATION. STABILIZE DITCHES USED FOR CLEAR WATER DIVERSION WITHIN 24 HOURS OF INSTALLATION.
4. CONSTRUCT FLOW CHANNEL ON AN UNINTERRUPTED, CONTINUOUS GRADE, ADJUSTING THE LOCATION DUE TO FIELD CONDITIONS TO MAINTAIN POSITIVE DRAINAGE.
5. PROVIDE OUTLET PROTECTION REQUIRED ON APPROVED PLAN.
6. MAINTAIN LINE, GRADE, AND CROSS SECTION. REMOVE ACCUMULATED SEDIMENT AND DEBRIS, AND MAINTAIN POSITIVE DRAINAGE. KEEP TEMPORARY DITCH AND POINT OF DISCHARGE FREE OF EROSION.
7. UPON REMOVAL OF TEMPORARY DITCH, GRADE AREA FLUSH WITH EXISTING GROUND. WITHIN 24 HOURS OF REMOVAL STABILIZE DISTURBED AREA WITH TOPSOIL, SEED, AND MULCH, OR AS INDICATED ON PLAN.



1. EXISTING GROUND
2. 2:1 SLOPE OR FLATTER
3. 4" TO 7" STONE PRESSED INTO SOIL MIN. 7" AND FLUSH WITH GROUND

TEMPORARY DIVERSION DITCH

SCALE: NTS

A4 — C-102, C-503

STM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED — FOR COMMANDER NAVFAC — 3-14-2025

ACTIVITY: APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO — DATE 05/27/2025

DES	DRW	CHK
JC	NM	RC

PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
EROSION AND SEDIMENT CONTROL DETAILS

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893852
SHEET 46 OF 152

C-503

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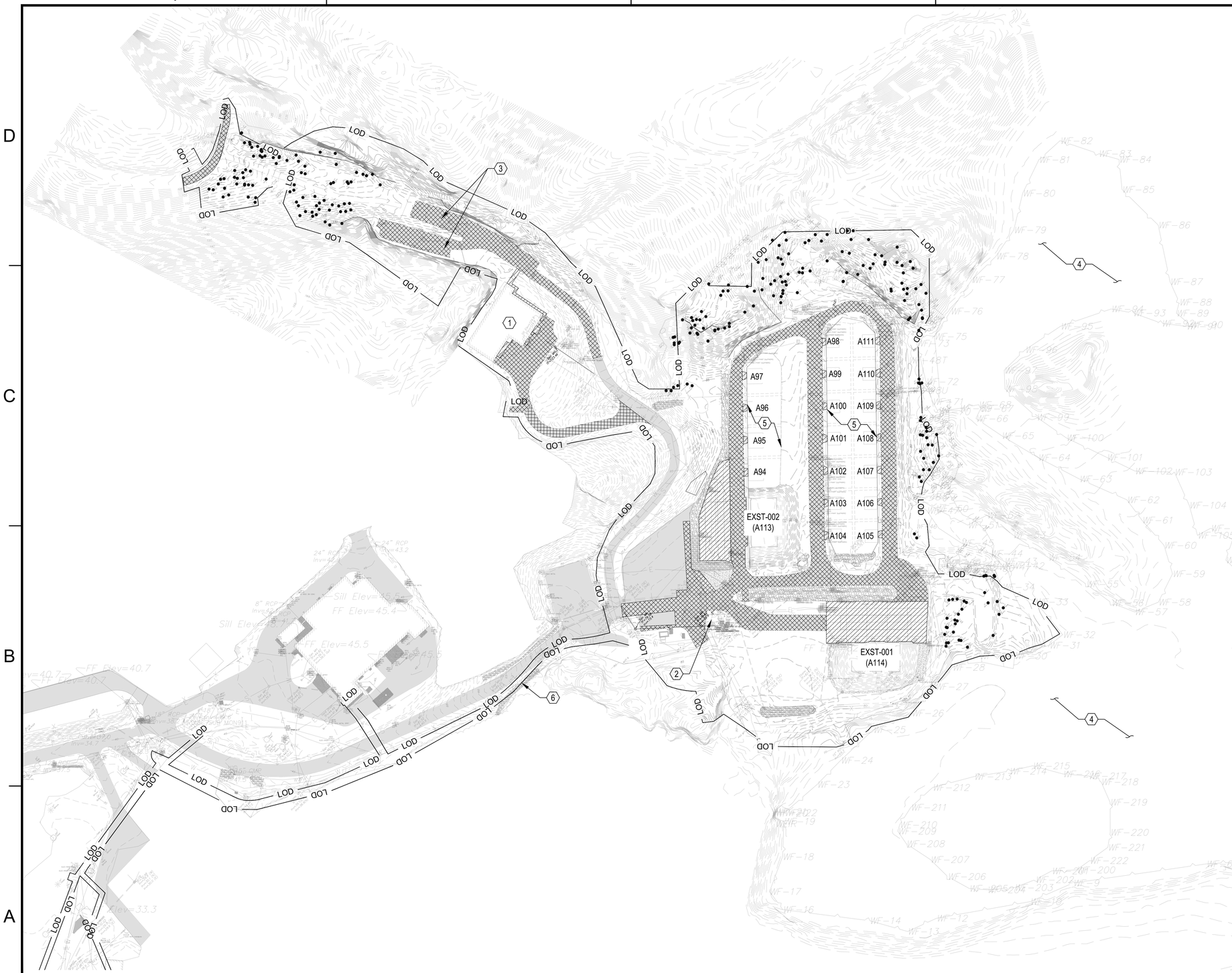
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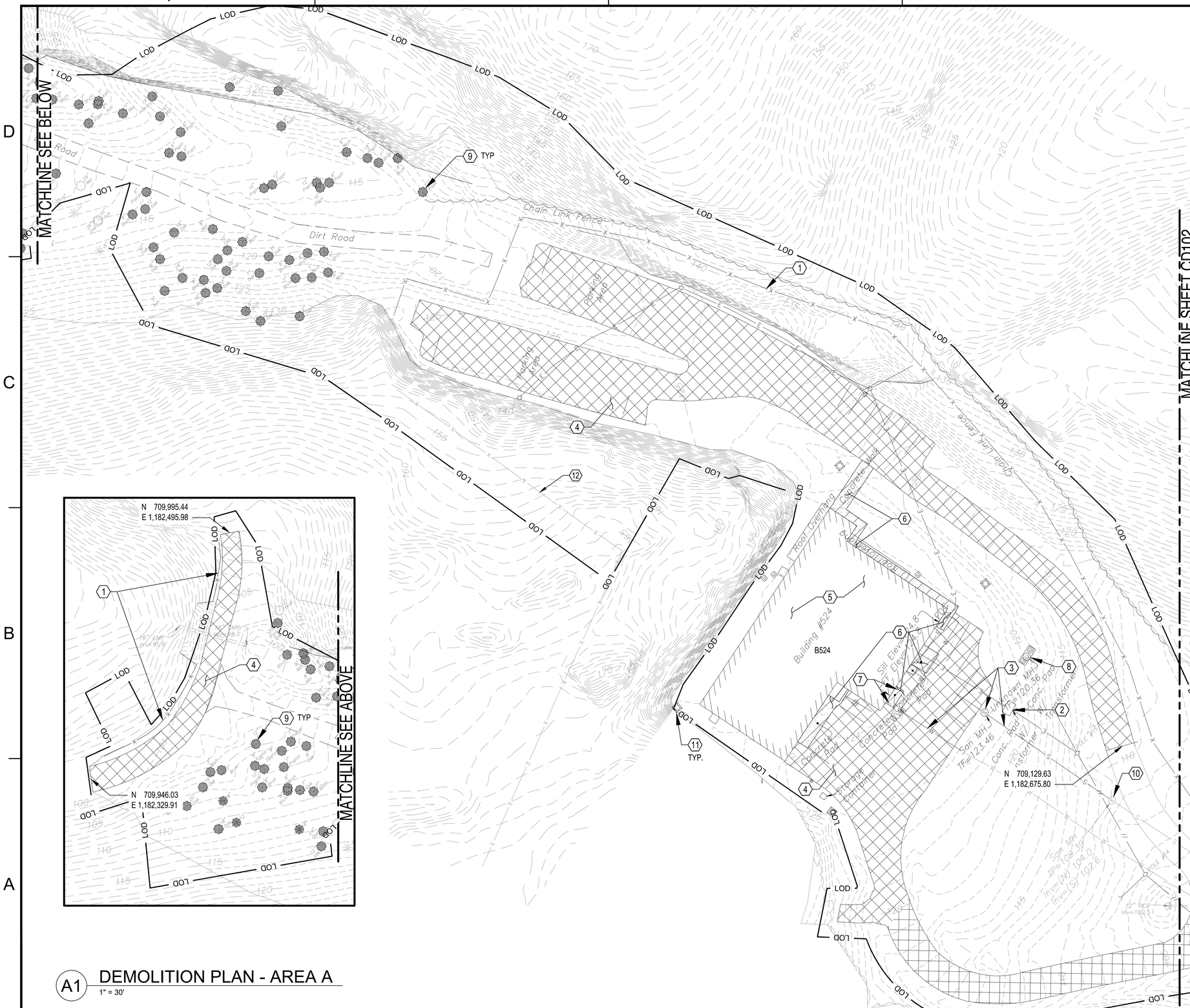


A1 DEMOLITION PLAN - AREA A

1" = 30'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR ADDITIONAL NOTES.
2. REFER TO ES101 AND ES111 FOR EROSION AND SEDIMENT CONTROL PLANS
3. RESTORE DISTURBED AND DAMAGED PAVEMENT TO REMAIN TO ORIGINAL CONDITION AFTER CONSTRUCTION
4. DEVELOP AND SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY CONTRACTING OFFICER.
5. SAW CUT EXISTING PAVEMENT AT LIMITS OF REMOVAL. PROVIDE NEAT SAW CUT LINES, REPLACE OR PATCH AREAS DAMAGED DURING SAW CUTTING.
6. FEATURES SHOWN ARE EXISTING. DEMOLISHED FEATURES ARE SHOWN IN BOLD. FEATURES TO REMAIN ARE SCREENED. PROTECT FEATURES TO REMAIN.
7. REFER TO SHEETS ED101 TO ED105 FOR ELECTRICAL DEMOLITION INFORMATION.

KEYED NOTES

1. DEMOLISH PERIMETER CHAIN LINK FENCE
2. DEMOLISH TRANSFORMER PAD, SEE GENERAL NOTE 7
3. DEMOLISH UNDERGROUND WATER LINE. CAP AT EXISTING FIRE HYDRANT TO REMAIN. DEMOLISH SANITARY MANHOLE ADJACENT TO HYDRANT. DEMOLISH SANITARY LINE BACK TO SANITARY MANHOLE TO REMAIN.
4. DEMOLISH ASPHALT PAVEMENT, FULL DEPTH
5. DEMOLISH BUILDING, FOOTINGS AND FOUNDATIONS
6. DEMOLISH CONCRETE PAVEMENT, FULL DEPTH
7. DEMOLISH BOLLARDS
8. DEMOLISH UNDERGROUND FUEL OIL TANK AND ASSOCIATED FUEL PIPING
9. REMOVE TREE
10. PROTECT SANITARY MANHOLE TO REMAIN
11. DEMOLISH GROUNDING POLE
12. PROTECT EXISTING PERIMETER FENCE TO REMAIN

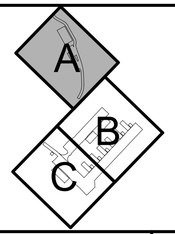
LEGEND

ASPHALT PAVEMENT REMOVAL, APPROX. 4" OF ASPHALT ON 10" OF CRUSHED STONE

CONCRETE PAVEMENT REMOVAL, APPROX. 4" OF CONCRETE ON 4" OF CRUSHED STONE (SIDEWALKS)

TREE REMOVAL

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT · JOSHUA D. CORUM · 36275 · LICENSED PROFESSIONAL ENGINEER · 6/23/25 · SEAL

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571.218.1000
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A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3-14-2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT

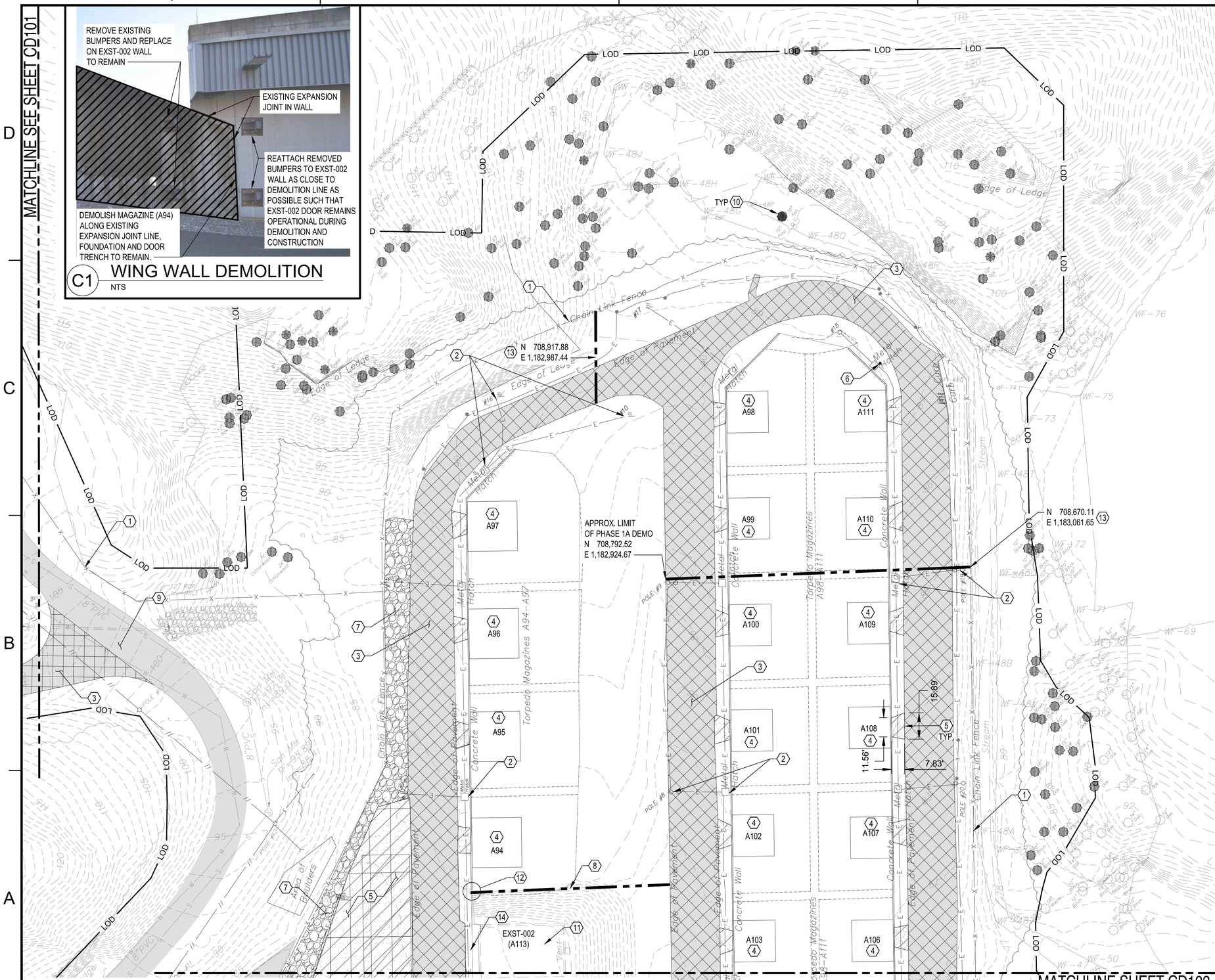
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE

CIVIL
DEMOLITION PLAN - AREA A

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893854
SHEET 48 OF 152
CD101

FILE NAME: C:\pw_workdir\dms0031\jdiney.corum@jacobs.com\d0919642\P1102_C0101.dwg LAYOUT NAME: C0101 DEMOLITION PLAN PLOTTED: Tuesday, June 17, 2025 - 11:06am USER: CORUMJ

C1 WING WALL DEMOLITION
NTS



A1 DEMOLITION PLAN - AREA B
1" = 30'

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR ADDITIONAL NOTES.
2. REFER TO ES101 AND ES111 FOR EROSION AND SEDIMENT CONTROL PLANS
3. RESTORE DISTURBED AND DAMAGED PAVEMENT TO REMAIN TO ORIGINAL CONDITION AFTER CONSTRUCTION
4. DEVELOP AND SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY CONTRACTING OFFICER.
5. SAW CUT EXISTING PAVEMENT AT LIMITS OF REMOVAL. PROVIDE NEAT SAW CUT LINES, REPLACE OR PATCH AREAS DAMAGED DURING SAW CUTTING.
6. FEATURES SHOWN ARE EXISTING. DEMOLISHED FEATURES ARE SHOWN IN BOLD. FEATURES TO REMAIN ARE SCREENED. PROTECT FEATURES TO REMAIN.
7. REFER TO SHEETS ED101 TO ED105 FOR ELECTRICAL DEMOLITION INFORMATION.

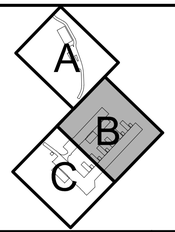
KEYED NOTES

1. DEMOLISH PERIMETER CHAIN LINK FENCE
2. DEMOLISH ELECTRICAL POLES AND METAL HATCHES, SEE NOTE 7
3. DEMOLISH ASPHALT PAVEMENT, FULL DEPTH
4. DEMOLISH BUILDING (NOT SURVEYED), FOOTINGS AND FOUNDATIONS
5. DEMOLISH CONCRETE PAVEMENT, FULL DEPTH
6. DEMOLISH BOLLARDS
7. DEMOLISH RIPRAP
8. APPROXIMATE LIMIT OF PHASE 2 MAGAZINE DEMOLITION
9. PROTECT ASPHALT PAVEMENT TO REMAIN
10. REMOVE TREE
11. PROTECT MAGAZINE TO REMAIN
12. DEMOLITION OF A94 WING WALL ADJACENT TO A113 TO REMAIN, REFER TO DEMOLITION DIAGRAM C1, THIS SHEET
13. APPROXIMATE LIMIT OF PHASE 1A PAVEMENT AND FENCE DEMOLITION
14. PROTECT DOOR TRENCH AND DRAINS TO REMAIN. REMOVE AND SALVAGE ICE MELT SENSORS AND CONDUIT EMBEDDED IN APRON FOR REINSTALLATION.

LEGEND

- ASPHALT PAVEMENT REMOVAL, APPROX. 6" OF ASPHALT ON 12" OF CRUSHED STONE
- CONCRETE PAVEMENT REMOVAL, APPROX. 8" CONCRETE W/ W.W.F. ON 6" CRUSHED STONE
- TREE REMOVAL

KEYPLAN



GRAPHIC SCALE
1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT — JOSHUA D. CORUM — 36275 — LICENSED PROFESSIONAL ENGINEER — 6/23/25 — SEAL

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ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025
ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PLAN - AREA B

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893855
SHEET 49 OF 152
CD102

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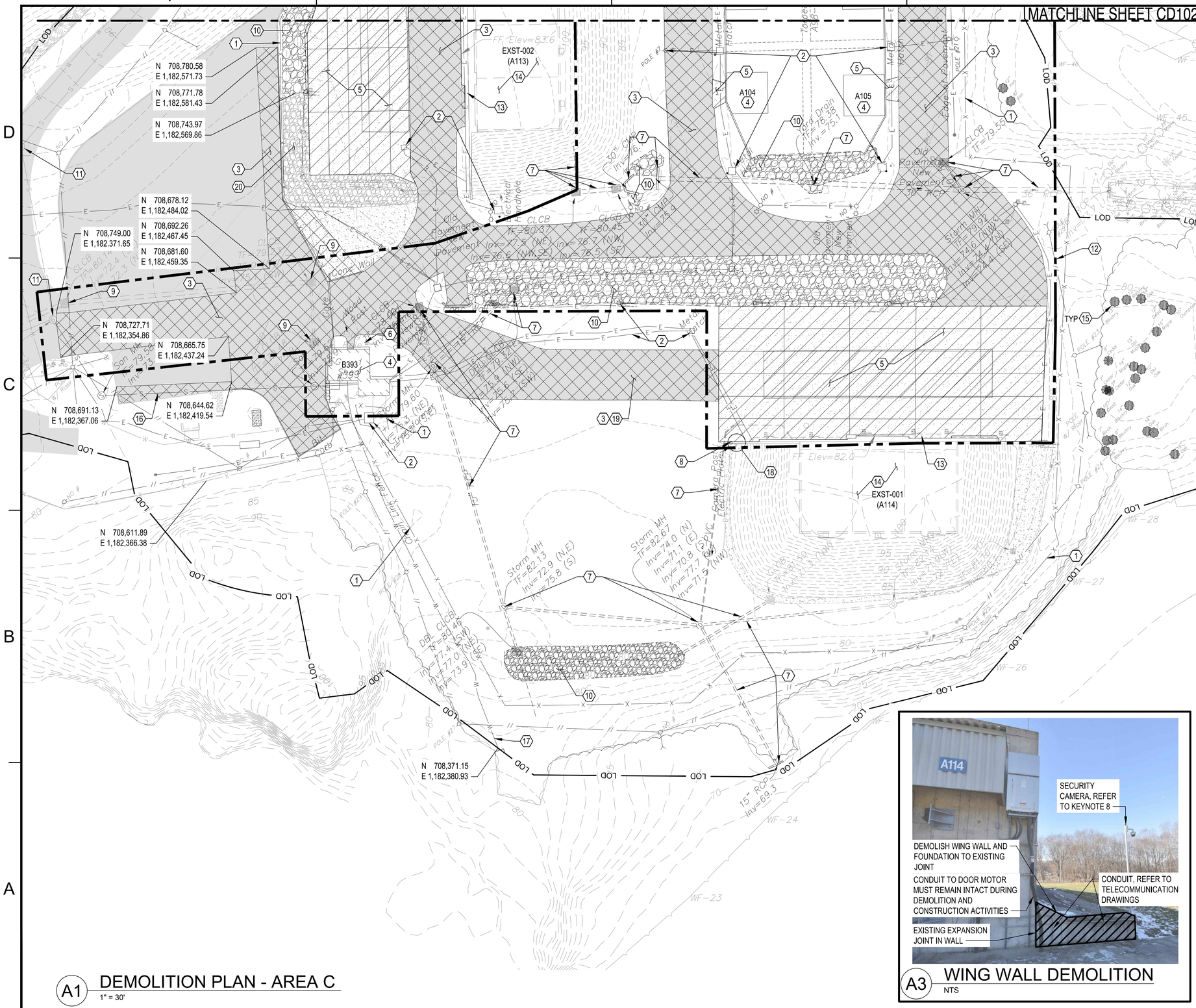


A1 DEMOLITION PLAN - AREA C
1" = 30'

A3 WING WALL DEMOLITION
NTS

GENERAL SHEET NOTES

1. REFER TO SHEET C-001 FOR ADDITIONAL NOTES.
2. REFER TO ES101 AND ES111 FOR EROSION AND SEDIMENT CONTROL PLANS
3. RESTORE DISTURBED AND DAMAGED PAVEMENT TO REMAIN TO ORIGINAL CONDITION AFTER CONSTRUCTION
4. DEVELOP AND SUBMIT A TRAFFIC CONTROL PLAN FOR APPROVAL BY CONTRACTING OFFICER.
5. SAW CUT EXISTING PAVEMENT AT LIMITS OF REMOVAL. PROVIDE NEAT SAW CUT LINES, REPLACE OR PATCH AREAS DAMAGED DURING SAW CUTTING.
6. FEATURES SHOWN ARE EXISTING. DEMOLISHED FEATURES ARE SHOWN IN BOLD. FEATURES TO REMAIN ARE SCREENED. PROTECT FEATURES TO REMAIN.
7. REFER TO SHEETS ED101 TO ED105 FOR ELECTRICAL DEMOLITION INFORMATION.

KEYED NOTES

1. DEMOLISH PERIMETER CHAIN LINK FENCE
2. DEMOLISH ELECTRICAL POLES, METAL HATCHES AND EQUIPMENT PADS, SEE GENERAL NOTE 7
3. DEMOLISH ASPHALT PAVEMENT AND CURB, FULL DEPTH
4. DEMOLISH BUILDING, FOOTINGS AND FOUNDATIONS
5. DEMOLISH CONCRETE PAVEMENT, FULL DEPTH
6. DEMOLISH BOLLARDS
7. DEMOLISH STORM DRAINS, CATCH BASINS AND HEADWALLS
8. SECURITY CAMERA, REFER TO TELECOMMUNICATIONS DRAWINGS
9. PROTECT CATCH BASIN TO REMAIN
10. DEMOLISH RIPRAP
11. PROTECT SANITARY MANHOLE TO REMAIN
12. APPROXIMATE LIMITS OF PHASE 3 DEMOLITION
13. PROTECT DOOR TRENCH AND DRAINS TO REMAIN. REMOVE AND SALVAGE ICE MELT SENSORS AND CONDUIT EMBEDDED IN APRON FOR REINSTALLATION.
14. PROTECT MAGAZINE TO REMAIN
15. REMOVE TREE
16. DEMOLISH SANITARY SEWER AND MANHOLES BACK TO MANHOLE TO REMAIN AND GROUT FILL MANHOLE WALL AT PIPE CONNECTION
17. DEMOLISH WATER SERVICE LINE AND CAP AT LOCATION INDICATED
18. DEMOLITION OF EXST-001 WING WALL ADJACENT TO TYPE H MAGAZINE, REFER TO DEMOLITION DIAGRAM A3, THIS SHEET
19. PHASE 1B PAVEMENT DEMOLITION
20. PROTECT RIP-RAP TO REMAIN

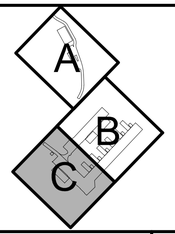
LEGEND

ASPHALT PAVEMENT REMOVAL, APPROX. 6" OF ASPHALT ON 12" OF CRUSHED STONE

CONCRETE PAVEMENT REMOVAL, APPROX. 8" CONCRETE W/ W.W.F. ON 6" CRUSHED STONE

TREE REMOVAL

KEYPLAN



GRAPHIC SCALE

1"=30' 0' 30' 60'

PLAN NORTH

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED PROFESSIONAL ENGINEER
9/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC
PM/DM	SMS/CWJ				
BRANCH MANAGER	DLB				
CHIEF ENG/ARCH	JWJ				
FIRE PROTECTION	HPN				

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

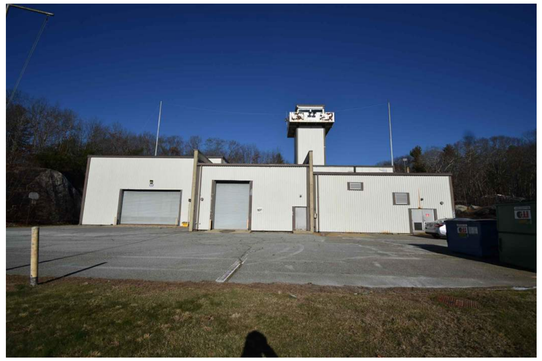
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT

P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE

CIVIL
DEMOLITION PLAN - AREA C

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893856
SHEET 50 OF 152
CD103

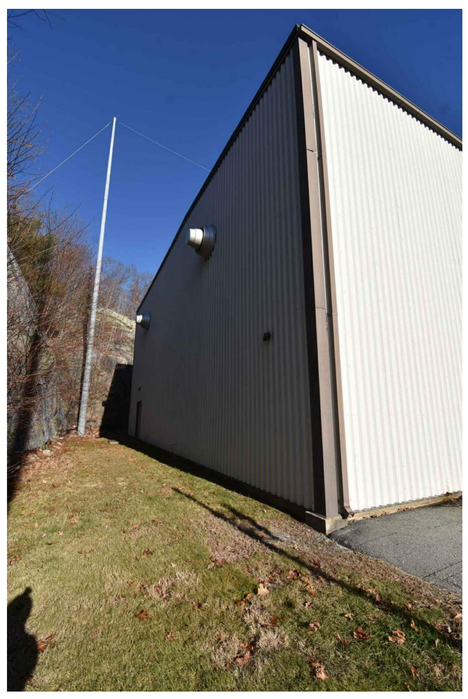
FILE NAME: C:\pw_workdir\dem0033\joincy.corum@jacobs.com\d0919642\P1102_CD103.dwg LAYOUT NAME: CD103 DEMOLITION PLAN PLOTTED: Tuesday, June 17, 2025 - 11:13am USER: CORUMJ



BUILDING 524 - EXTERIOR C1
CD100 CD901

BUILDING 524 - EXTERIOR C2
CD100 CD901

BUILDING 524 - EXTERIOR C3
CD100 CD901



BUILDING 524 - EXTERIOR A1
CD100 CD901

BUILDING 524 - EXTERIOR A2
CD100 CD901

BUILDING 524 - EXTERIOR A3
CD100 CD901

GENERAL SHEET NOTES

BUILDING 524 - TWO STORY WITH TOWER AND HIGH-BAY GARAGES

- SQUARE FOOTAGE (APPROXIMATE): FIRST FLOOR 12,000, SECOND FLOOR 5,500, TOWER 300
- HEIGHT: VARIES, ASSUME 20'-0" MINIMUM
- EXTERIOR WALL: METAL PANEL ON STRUCTURAL STEEL
- ROOF: LOW SLOPE TPO ROOF AND LOW SLOPE BALLASTED OVER CSA BAY
- WINDOWS: ALUMINUM FRAMED WINDOWS ON ALL SIDES OF TOWER
- INTERIOR WALLS: CMU, METAL STUD AND GYPSUM BOARD
- FLOOR: VINYL TILE
- CEILING: ACOUSTICAL CEILING TILE
- DOORS: HOLLOW METAL EXTERIOR, WOOD DOORS INTERIOR

SYM	DESCRIPTION	DATE	APPR.

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED
PROFESSIONAL ENGINEER
SEAL

Jacobs
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SUITE 500
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571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/11/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES JC	DRW NM	CHK RC	
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

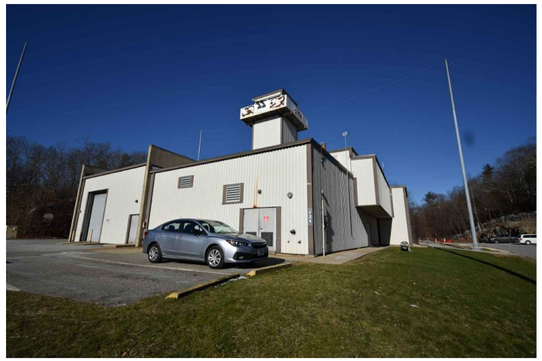
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

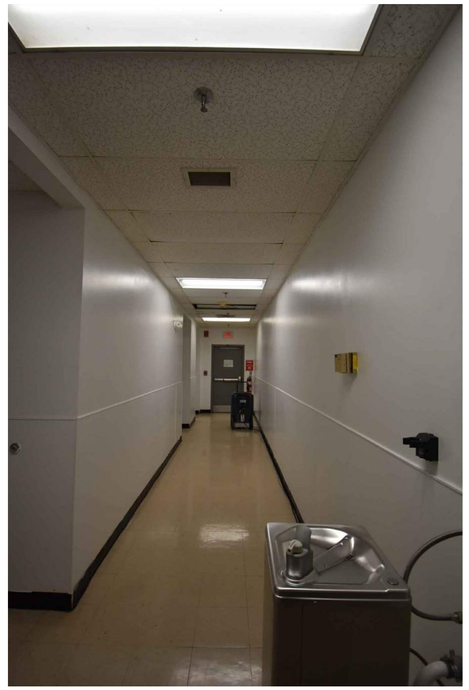
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - OPS BUILDING

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893857
SHEET 51 OF 152
CD901

FILE NAME: C:\pw_workdir\dms003\\jdiney.corum@jacobs.com\d0919642\P1102_CD901.dwg LAYOUT NAME: CD901 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:18am USER: CORUMJ

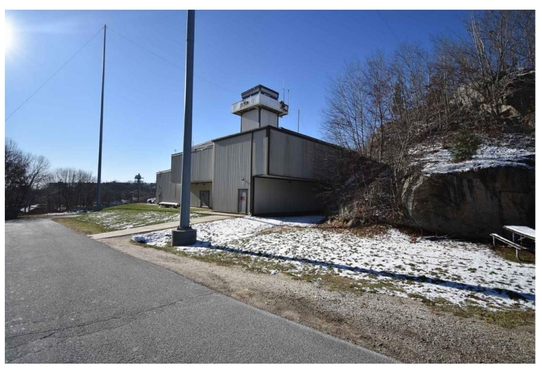


BUILDING 524 - EXTERIOR C1
CD100 CD902

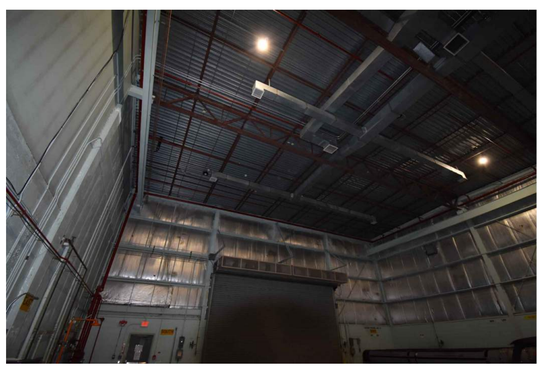


BUILDING 524 - INTERIOR C2
CD100 CD902

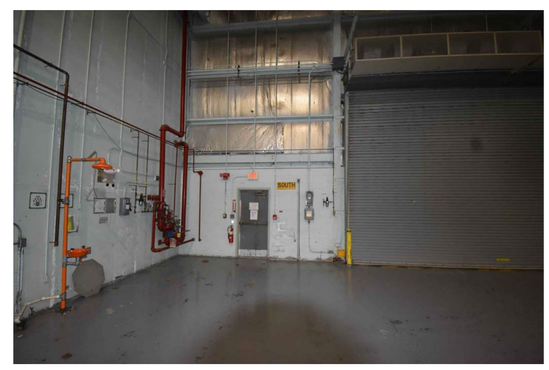
BUILDING 524 - INTERIOR C3
CD100 CD902



BUILDING 524 - EXTERIOR A1
CD100 CD902



BUILDING 524 - INTERIOR A2
CD100 CD902



BUILDING 524 - INTERIOR A3
CD100 CD902

GENERAL SHEET NOTES

BUILDING 524 - TWO STORY WITH TOWER AND HIGH-BAY GARAGES

- SQUARE FOOTAGE (APPROXIMATE): FIRST FLOOR 12,000, SECOND FLOOR 5,500, TOWER 300
- HEIGHT: VARIES, ASSUME 20'-0" MINIMUM
- EXTERIOR WALL: METAL PANEL ON STRUCTURAL STEEL
- ROOF: LOW SLOPE TPO ROOF AND LOW SLOPE BALLASTED OVER CSA BAY
- WINDOWS: ALUMINUM FRAMED WINDOWS ON ALL SIDES OF TOWER
- INTERIOR WALLS: CMU, METAL STUD AND GYPSUM BOARD
- FLOOR: VINYL TILE
- CEILING: ACOUSTICAL CEILING TILE
- DOORS: HOLLOW METAL EXTERIOR, WOOD DOORS INTERIOR

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED
PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/11/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH
OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

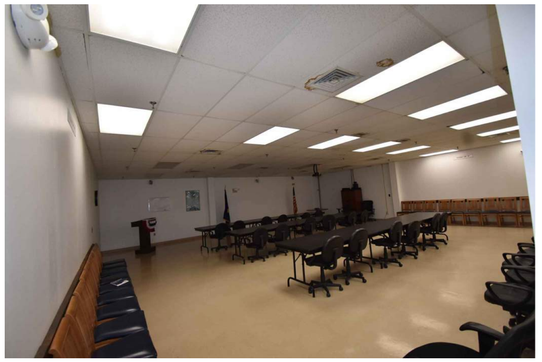
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
MID-ATLANTIC

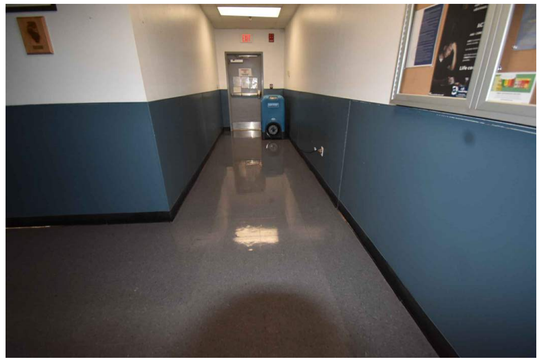
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - OPS BUILDING

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893858
SHEET 52 OF 152
CD902

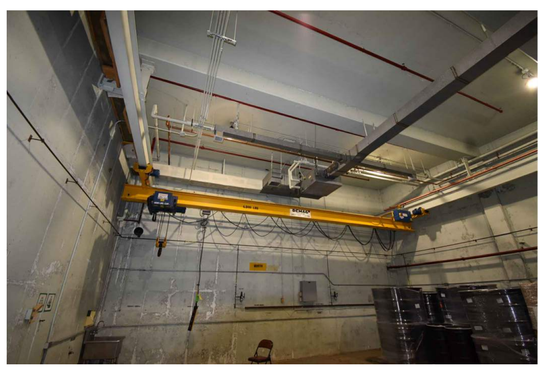
FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD902.dwg LAYOUT NAME: CD902 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:20am USER: CORUMJ



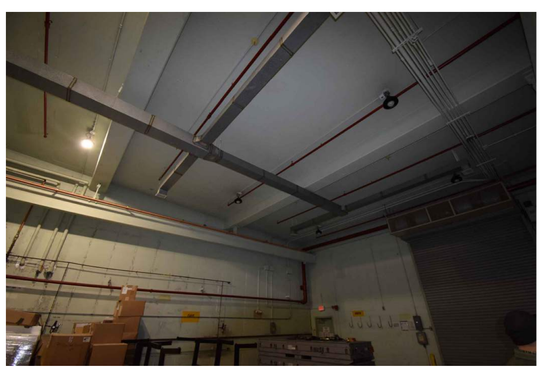
BUILDING 524 - INTERIOR (C1)
CD100 | CD903



BUILDING 524 - INTERIOR (C2)
CD100 | CD903



BUILDING 524 - INTERIOR (A1)
CD100 | CD903



BUILDING 524 - INTERIOR (A2)
CD100 | CD903

GENERAL SHEET NOTES

BUILDING 524 - TWO STORY WITH TOWER AND HIGH-BAY GARAGES

- SQUARE FOOTAGE (APPROXIMATE): FIRST FLOOR 12,000, SECOND FLOOR 5,500, TOWER 300
- HEIGHT: VARIES, ASSUME 20'-0" MINIMUM
- EXTERIOR WALL: METAL PANEL ON STRUCTURAL STEEL
- ROOF: LOW SLOPE TPO ROOF AND LOW SLOPE BALLASTED OVER CSA BAY
- WINDOWS: ALUMINUM FRAMED WINDOWS ON ALL SIDES OF TOWER
- INTERIOR WALLS: CMU, METAL STUD AND GYPSUM BOARD
- FLOOR: VINYL TILE
- CEILING: ACOUSTICAL CEILING TILE
- DOORS: HOLLOW METAL EXTERIOR, WOOD DOORS INTERIOR

SYM	DESCRIPTION	DATE	APPR.

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/11/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH
CLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC

PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - OPS BUILDING

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893859
SHEET 53 OF 152
CD903

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD903.dwg LAYOUT NAME: CD903 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:22am USER: CORUMJ

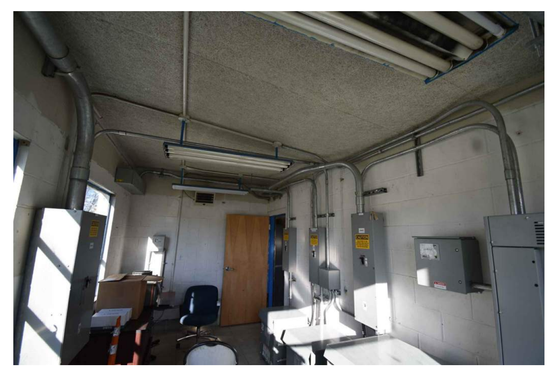
BUILDING 393 EXTERIOR C1
CD100 CD904

BUILDING 393 EXTERIOR C2
CD100 CD904

BUILDING 393 EXTERIOR C3
CD100 CD904

BUILDING 393 INTERIOR A1
CD100 CD904

BUILDING 393 INTERIOR A2
CD100 CD904



BUILDING 393 INTERIOR A3
CD100 CD904

GENERAL SHEET NOTES

BUILDING 393 - SINGLE STORY

- SQUARE FOOTAGE (APPROXIMATE): 800
- HEIGHT: 11'-0" HIGH ALONG RIDGE
- EXTERIOR WALL: 8" CMU
- ROOF: LOW SLOPE GABLE AND SHED CONCRETE ROOFS
- WINDOWS: SINGLE PANE WIRED GLASS WINDOWS AROUND BUILDING
- INTERIOR WALLS: CMU
- FLOOR: VINYL TILE
- CEILING: INSULATION ADHERED TO UNDERSIDE OF ROOF SLAB
- DOORS: HOLLOW METAL EXTERIOR, WOOD DOORS INTERIOR

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED
PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH
OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

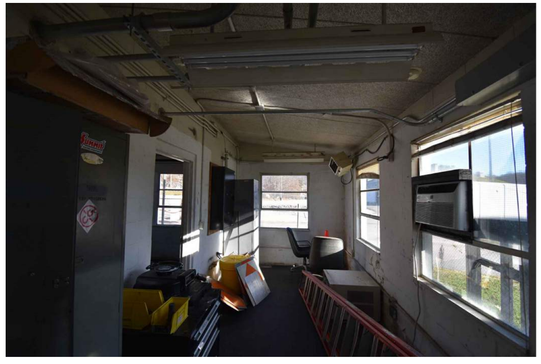
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - SENTRY BUILDING

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893860
SHEET 54 OF 152
CD904

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD904.dwg LAYOUT NAME: CD904 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:24am USER: CORUMJ

BUILDING 393 EXTERIOR C1
CD100 CD905



BUILDING 393 INTERIOR A1
CD100 CD905

GENERAL SHEET NOTES

BUILDING 393 - SINGLE STORY

- SQUARE FOOTAGE (APPROXIMATE): 800
- HEIGHT: 11'-0" HIGH ALONG RIDGE
- EXTERIOR WALL: 8" CMU
- ROOF: LOW SLOPE GABLE AND SHED CONCRETE ROOFS
- WINDOWS: SINGLE PANE WIRED GLASS WINDOWS AROUND BUILDING
- INTERIOR WALLS: CMU
- FLOOR: VINYL TILE
- CEILING: INSULATION ADHERED TO UNDERSIDE OF ROOF SLAB
- DOORS: HOLLOW METAL EXTERIOR, WOOD DOORS INTERIOR

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED
PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
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571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
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ACTIVITY
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OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

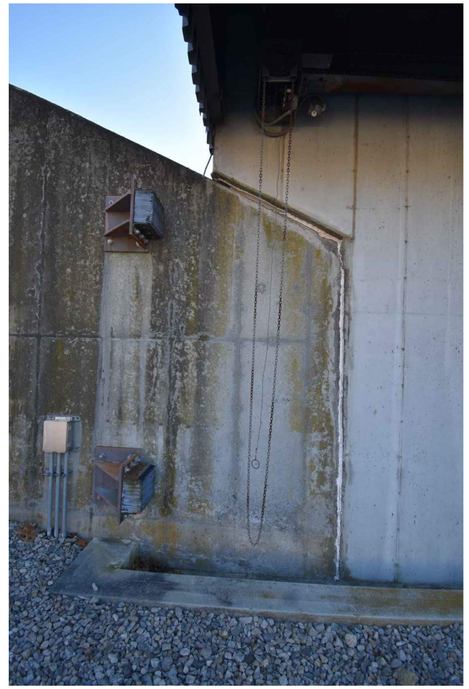
DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - SENTRY BUILDING

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893861
SHEET 55 OF 152
CD905

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD905.dwg LAYOUT NAME: CD905 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:25am USER: CORUMJ

MAGAZINES A94 - A97 (C1) CD100 | CD906

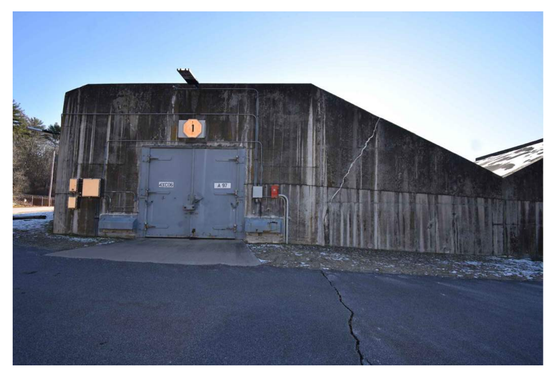


MAGAZINE A94 (C2) CD100 | CD906

MAGAZINE A94 (C3) CD100 | CD906

MAGAZINE A95 (A1) CD100 | CD906

MAGAZINE A96 (A2) CD100 | CD906



MAGAZINE A97 (A3) CD100 | CD906

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT · JOSHUA D. CORUM · 36275 · 6/23/25 · LICENSED PROFESSIONAL ENGINEER

SEAL

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FAX: 571.218.1600

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC

PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - MAGAZINES

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12893862
SHEET 56 OF 152
CD906

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD906.dwg LAYOUT NAME: CD906 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:27am USER: CORUMJ

MAGAZINE A97 C1 CD100 CD907

MAGAZINE A96 C2 CD100 CD907

MAGAZINES A98 - A104 C3 CD100 CD907

MAGAZINE A98 A1 CD100 CD907

MAGAZINE A99 A2 CD100 CD907

MAGAZINE A100 A3 CD100 CD907

SYM	DESCRIPTION	DATE	APPR

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED
PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH
OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW	NM	CHK	RC

PM/DM	SMS/CWJ
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	JWJ
FIRE PROTECTION	HPN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - MAGAZINES

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893863
SHEET 57 OF 152
CD907

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD907.dwg LAYOUT NAME: CD907 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:28am USER: CORUMJ

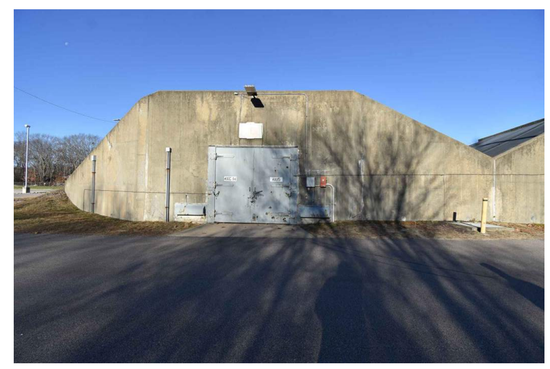
MAGAZINE A101 C1 CD100 CD908

MAGAZINE A102 C2 CD100 CD908

MAGAZINE A103 C3 CD100 CD908

MAGAZINE A104 A1 CD100 CD908

MAGAZINES A105 - A111 A2 CD100 CD908



MAGAZINE A105 A3 CD100 CD908

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
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ARLINGTON, VIRGINIA 22201
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FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/11/2025

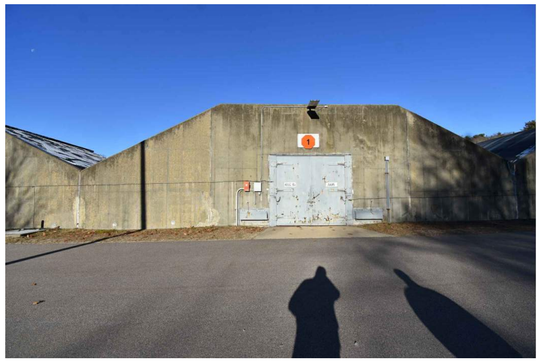
ACTIVITY
APPROVED BY LCDR ELIZABETH
OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - MAGAZINES

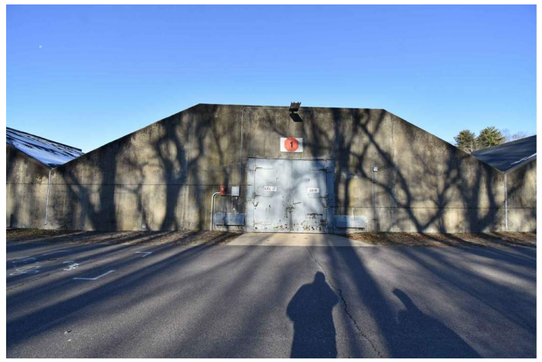
SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893864
SHEET 58 OF 152
CD908

FILE NAME: C:\pw_workdir\dms003\jdiney.corum@jacobs.com\d0919642\P1102_CD908.dwg LAYOUT NAME: CD908 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:29am USER: CORUMJ

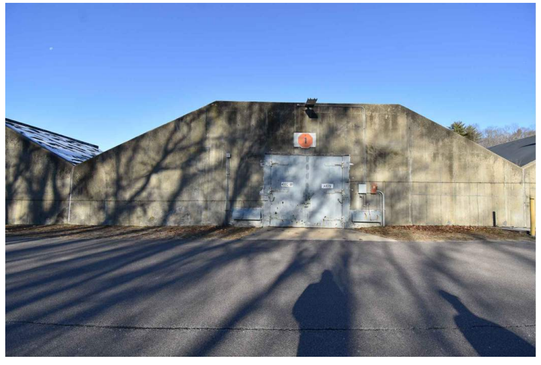


MAGAZINE A106 C1 CD100 CD909

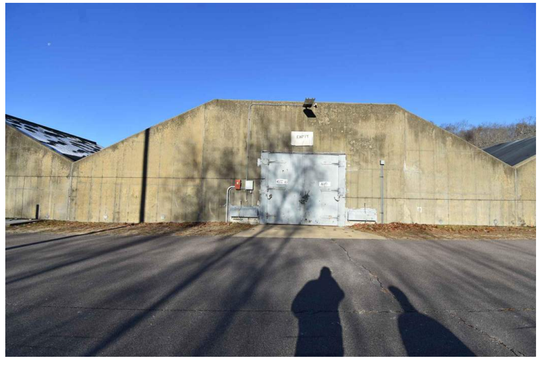
MAGAZINE A107 C2 CD100 CD909



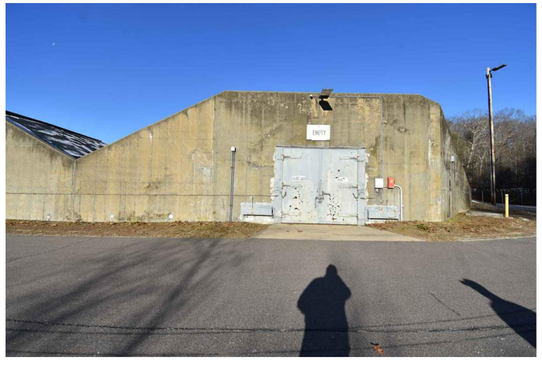
MAGAZINE A108 C3 CD100 CD909



MAGAZINE A109 A1 CD100 CD909



MAGAZINE A110 A2 CD100 CD909



MAGAZINE A111 A3 CD100 CD909

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
LICENSED
PROFESSIONAL ENGINEER
6/23/25
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/11/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH OLOKODE NAVFAC NLON FEAD DIRECTOR NEW LONDON, GROTON, CT

SATISFACTORY TO DATE 05/27/2025

DES	JC	DRW NM	CHK RC
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

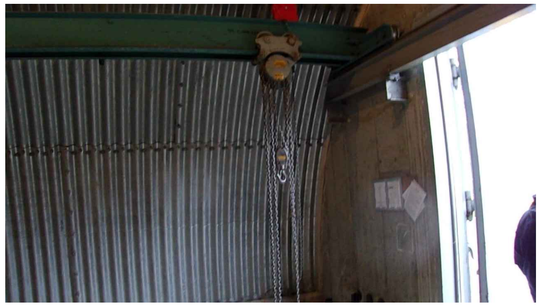
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION - NORFOLK, VA
MID-ATLANTIC

NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - MAGAZINES

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893865
SHEET 59 OF 152
CD909

FILE NAME: C:\pw_workdir\dms003\\jdiney.corum@jacobs.com\d0919642\P1102_CD909.dwg LAYOUT NAME: CD909 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:29am USER: CORUMJ



MAGAZINE INTERIOR C1 CD100 CD910

MAGAZINE INTERIOR C2 CD100 CD910

MAGAZINE INTERIOR C3 CD100 CD910

SYM	DESCRIPTION	DATE	APPR.

NAVFAC

STATE OF CONNECTICUT
JOSHUA D. CORUM
36275
6/23/25
LICENSED
PROFESSIONAL ENGINEER
SEAL

Jacobs
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VIRGINIA 22201
571.218.1000
FAX: 571.218.1600
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 3/14/2025

ACTIVITY
APPROVED BY LCDR ELIZABETH
OLOKODE NAVFAC NLON FEAD
DIRECTOR NEW LONDON, GROTON, CT
SATISFACTORY TO DATE 05/27/2025

DES JC	DRW NM	CHK RC	
PM/DM	SMS/CWJ		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	JWJ		
FIRE PROTECTION	HPN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
MID-ATLANTIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION - NORFOLK, VA
NAVAL SUBMARINE BASE NEW LONDON
GROTON, CONNECTICUT
P-1102 WEAPONS MAGAZINE & ORDNANCE OPERATIONS FACILITY
SITE
CIVIL
DEMOLITION PHOTOS - MAGAZINES

SCALE: AS NOTED
EPROJECT NO.: 1667770
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
12893866
SHEET 60 OF 152
CD910

FILE NAME: C:\pw_workdir\dms003\jcorum@jacobs.com\d0919642\P1102_CD910.dwg LAYOUT NAME: CD910 DEMOLITION PHOTOS PLOTTED: Tuesday, June 17, 2025 - 11:30am USER: CORUMJL