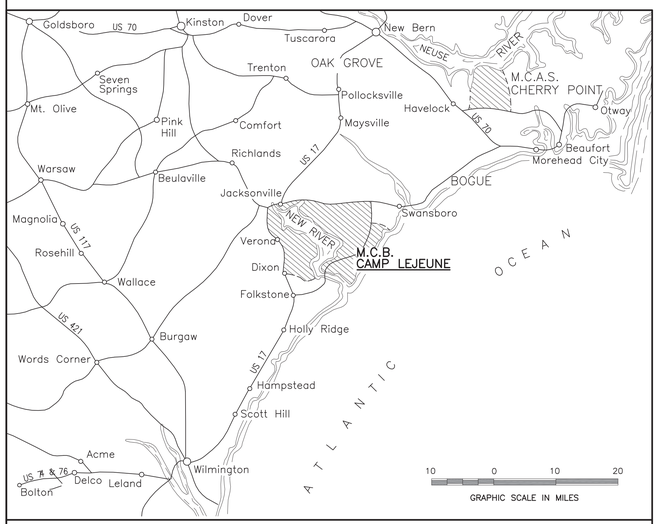
SYM	REVISIONS	DATE	APPROVED

IR DEMO PACKAGE FY24, MCB CAMP LEJEUNE

CONSTRUCTION CONTRACT NO. N40085-23-B-0036



VICINITY MAP – CAMP LEJEUNE, N.C.

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G-001

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

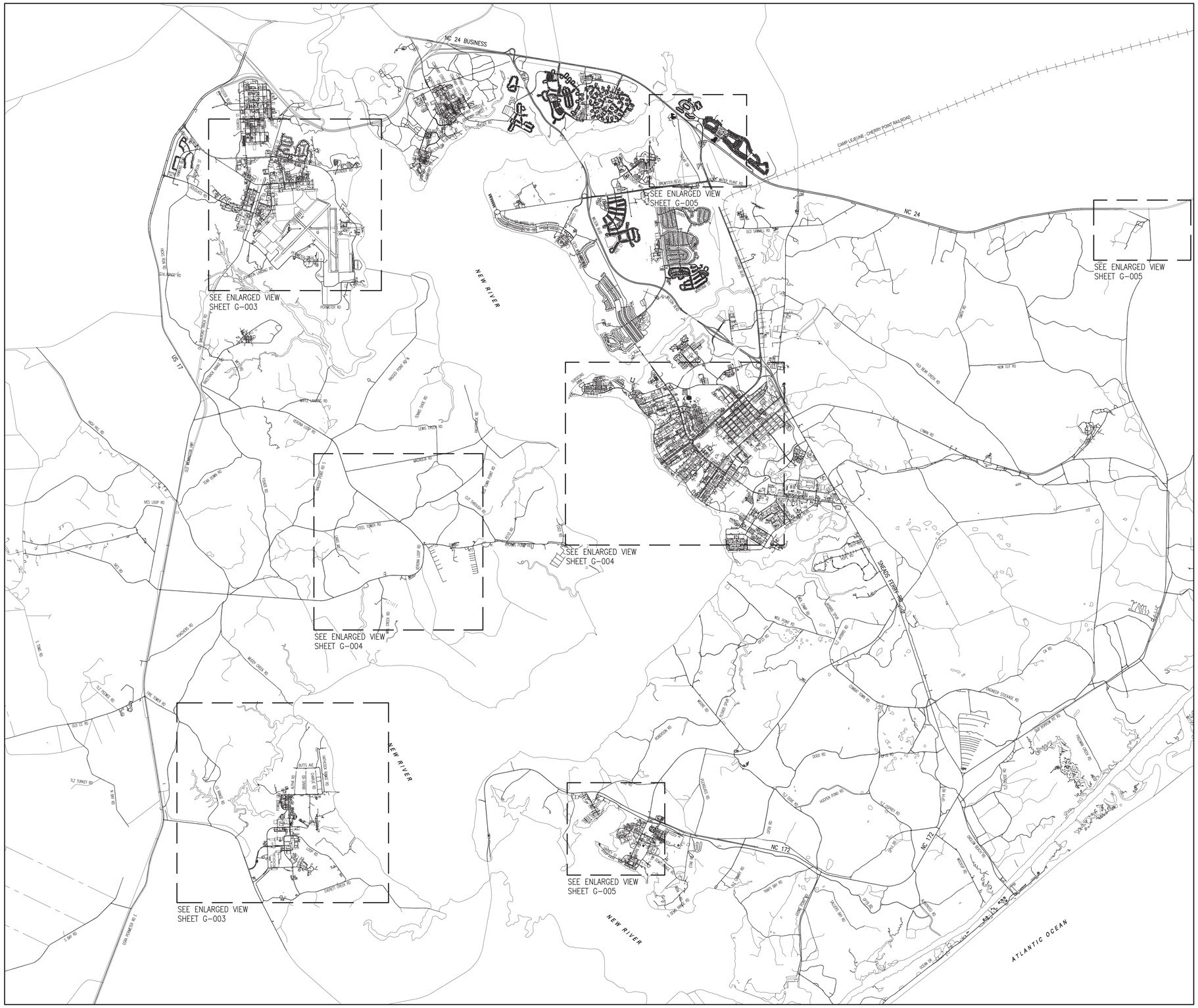
DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
COVER SHEET

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041076
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 01 OF 114

SYM	REVISIONS	DATE	APPROVED



OVERALL SITE LOCATION MAP

SCALE: 1" = 3000'

N

3000 0 1500 3000 6000

GRAPHIC SCALE: 1" = 3000'

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G-002

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AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
OVERALL SITE LOCATION MAP

APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

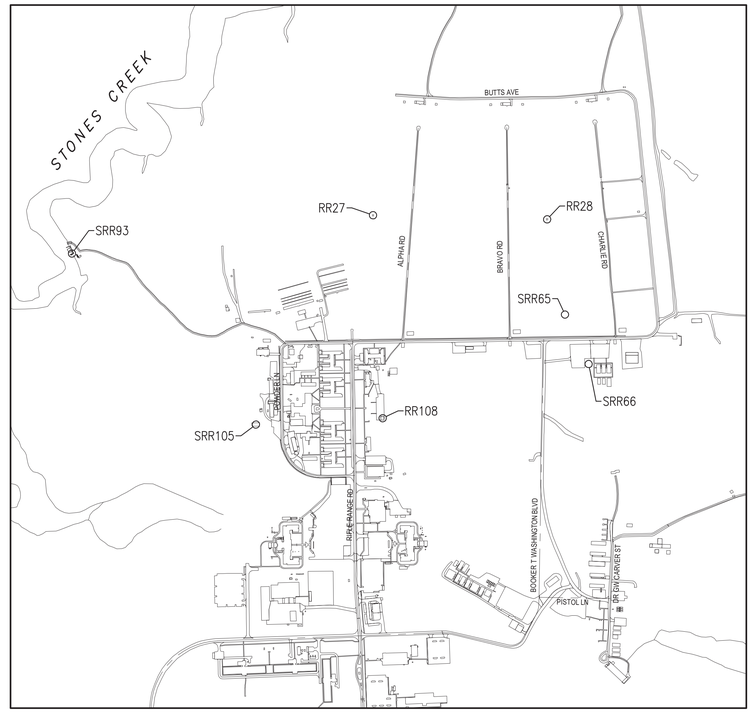
SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041077
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 02 OF 114

SYM	REVISIONS	DATE	APPROVED

SITE LOCATION MAP - AIR STATION AREA

SCALE: 1" = 600'

N



SITE LOCATION MAP - RIFLE RANGE AREA

SCALE: 1" = 500'

N

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G-003

600 0 300 600 1200
GRAPHIC SCALE: 1" = 600'

500 0 250 500 1000
GRAPHIC SCALE: 1" = 500'

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
SITE LOCATION MAPS

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041078
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 03 OF 114

SYM	REVISIONS	DATE	APPROVED

SITE LOCATION MAP - MAINSIDE AREA

SCALE: 1" = 600'

N

SITE LOCATION MAP - VERONA LOOP AREA

SCALE: 1" = 1000'

N

600 0 300 600 1200

GRAPHIC SCALE: 1" = 600'

1000 0 500 1000 2000

GRAPHIC SCALE: 1" = 1000'

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G-004

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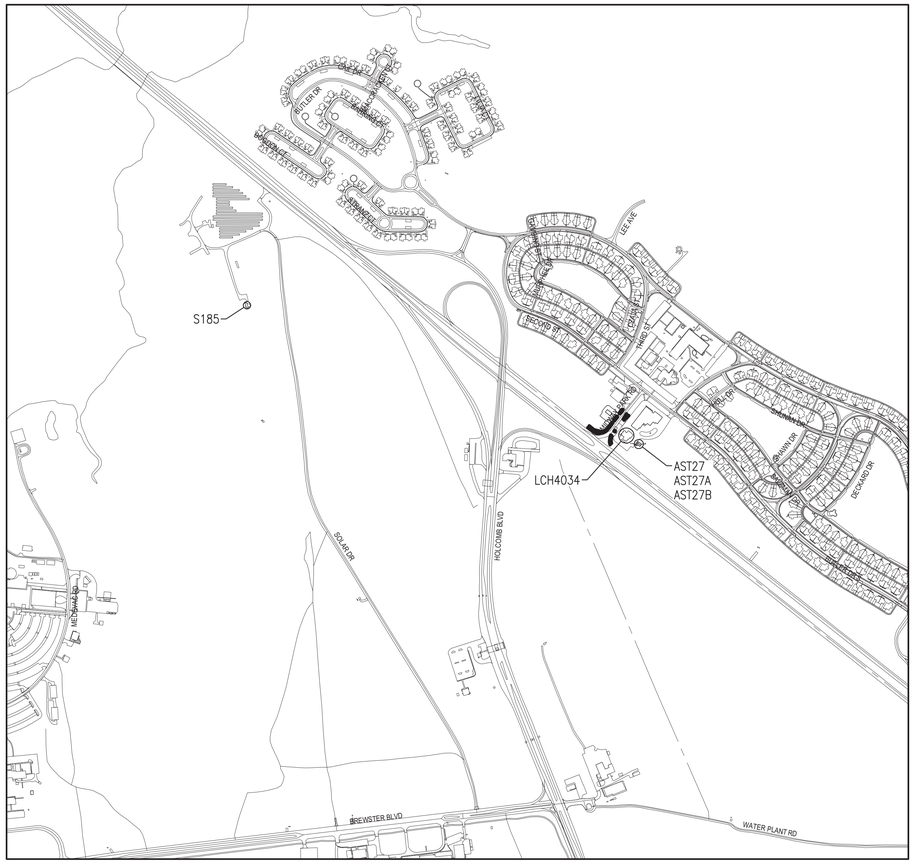
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

SITE LOCATION MAPS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041079
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 04 OF 114

SYM	REVISIONS	DATE	APPROVED



N

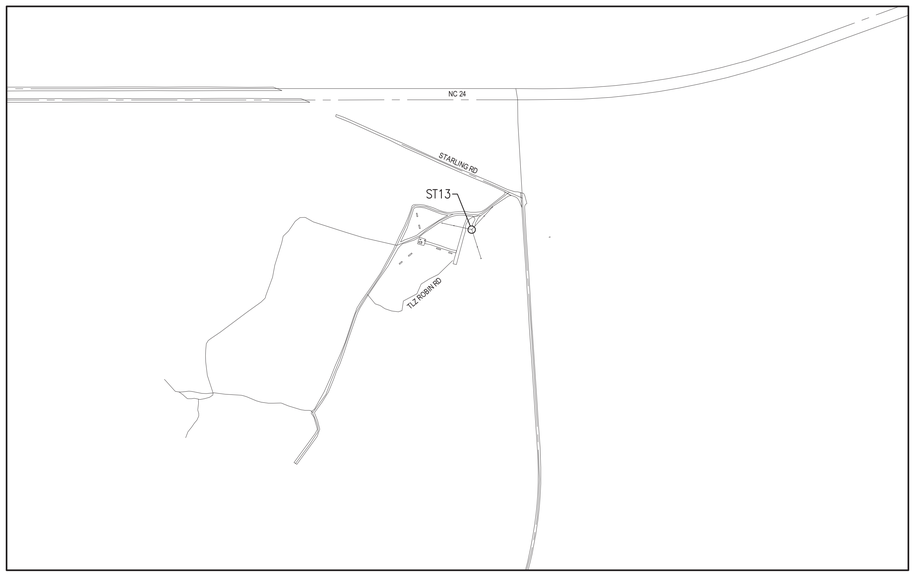
SITE LOCATION MAP - MIDWAY PARK AREA

SCALE: 1" = 500'

N

SITE LOCATION MAP - COURTHOUSE BAY AREA

SCALE: 1" = 500'



N

SITE LOCATION MAP - NC24 AREA

SCALE: 1" = 500'

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G-005

500 0 250 500 1000
GRAPHIC SCALE: 1" = 500'

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IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
SITE LOCATION MAPS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041080

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 05 OF 114

SYM	REVISIONS	DATE	APPROVED

CIVIL LEGEND

DESCRIPTION	EXISTING / DEMO	NEW
WATER VALVE/POST INDICATOR VALVE	PIV	
TELECOMMUNICATIONS MANHOLE	T	
SANITARY SEWER MANHOLE	S	
STORM DRAIN MANHOLE	D	
CLEANOUT	CO	
STORM DRAIN INLET		
FIRE HYDRANT		
TELECOMMUNICATIONS PEDESTAL	TPED	
UTILITY POLE/POLE WITH LIGHT		
GUY WIRE		
DITCH/SWALE CENTERLINE		
SANITARY SEWER (GRAVITY)	—S—	
SANITARY SEWER (FORCE MAIN)	—FM—	
STORM SEWER	—D—	
DOMESTIC/FIRE WATER	—W—/—FW—	
FIRE DEPARTMENT CONNECTION (LINE)	—FDC—	
UNDERGROUND GAS	—G—	
UNDERGROUND NATURAL GAS	—NG—	
UNDERGROUND FUEL PIPING	—UGF—	
OVERHEAD ELECTRICAL	—OHE—	
UNDERGROUND ELECTRICAL	—UGE—	—UGE—
UNDERGROUND FIBER OPTIC	—FO—	
UNDERGROUND STEAM	—ST/UGS—	
OVERHEAD STEAM	—OHS—	
DUAL TEMPERATURE THERMAL	—HCW—	
UNDERGROUND COMMUNICATIONS	—UGC—	
OVERHEAD COMMUNICATIONS	—OHC—	
FENCE	x	
CONCRETE		
ASPHALT		
GRAVEL		
SURVEY CONTROL POINT		+ XX.XX
SPOT ELEVATIONS	× 5.00	
CONTOUR LINES	–25–	25
TREE LINE		
SOURCE/DESTINATION UNKNOWN		
SIGN		
DEMOLITION ITEMS		

CIVIL ABBREVIATIONS

AC, A/C	AIR CONDITIONING EQUIPMENT
APPROX.	APPROXIMATE/APPROXIMATELY
AST	ABOVE-GROUND STORAGE TANK
AT	ANTI-TERRORISM
BLDG	BUILDING
BOL	BOLLARD
CI	CAST IRON (PIPE)
CJ	CONTRACTION JOINT
CMH	COMMUNICATIONS MANHOLE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
DIA, Ø	DIAMETER
DI	(STORM DRAIN) DROP INLET
DI	DUCTILE IRON (PIPE)
DMH	DRAINAGE MANHOLE
EJ	EXPANSION JOINT
EL/ELEV	ELEVATION
EMH	ELECTRIC MANHOLE
EOP	EDGE OF PAVEMENT
EX, EXIST	EXISTING
FDC	FIRE DEPARTMENT CONNECTION
FES	FLARED END SECTION
FFE	FINISH FLOOR ELEVATION
FH	FIRE HYDRANT
FM	SANITARY SEWER FORCE MAIN
FO	FIBER OPTIC
GV	GATE VALVE
GEN.	GENERATOR
HOR	HORIZONTAL
HVAC	HEATING, VENTILATION AND AIR CONDITIONING
INV	INVERT
IRS	IRON ROD SET (SURVEY CONTROL)
JBOX	ELECTRIC JUNCTION BOX
LF	LINEAR FOOT/FEET
MAG	MAG NAIL (SURVEY CONTROL)
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
NTS	NOT TO SCALE
OHE	OVERHEAD ELECTRIC
OC	ON CENTER
OD	OUTSIDE DIAMETER
OWS	OIL/WATER SEPARATOR
PIV	POST INDICATOR VALVE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
STA	STATION
SMH	SANITARY SEWER MANHOLE
TBM	TEMPORARY SITE BENCHMARK
TC	TOP OF CURB
TEMP	TEMPORARY
TMH	TELEPHONE MANHOLE
TOB	TOP OF BANK
TON	TOP OF (VALVE) NUT
TYP	TYPICAL
UGC	UNDERGROUND COMMUNICATIONS
UGE	UNDERGROUND ELECTRIC
UON	UNLESS OTHERWISE NOTED
WV	WATER VALVE
XFMR	PAD-MOUNTED ELECTRIC TRANSFORMER
YH	YARD HYDRANT

GENERAL DEMOLITION NOTES

1. DEMOLITION OPERATIONS SHALL BE COMPLETED IN COMPLIANCE WITH ALL STATE AND FEDERAL REGULATIONS AND AS SPECIFIED.
2. THE PLANS DEPICT THE GENERAL INTENT OF DEMOLITION. THE CONTRACTOR SHALL PROTECT ALL EXISTING FEATURES THAT ARE NOT SLATED FOR DEMOLITION. ANY ITEM DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED TO ITS ORIGINAL CONDITION OR REPLACED WITH NEW.
3. DIMENSIONS AND CONDITIONS SHOWN ARE APPROXIMATE AND ARE ACCURATE AS OF THE TIME OF SITE INSPECTION. THE CONTRACTOR SHALL CONFIRM TO HIS OWN SATISFACTION SITE CONDITIONS INCLUDING A VERIFICATION OF CONDITIONS SHOWN AND NOT SHOWN.
4. ADJACENT STRUCTURES AND UTILITIES MUST REMAIN IN OPERATION DURING DEMOLITION ACTIVITIES. EXISTING ROADS SHALL REMAIN OPEN AND ACCESSIBLE BY VEHICULAR AND PEDESTRIAN TRAFFIC. IF ROADWAY CLOSURE IS REQUIRED, APPROVAL SHALL BE SECURED FROM THE CONTRACTING OFFICER. THE CONTRACTOR SHALL PROVIDE BARRICADES, LIGHTS, SIGNAGE AND OTHER PROTECTIVE DEVICES IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
5. THE CONTRACTOR SHALL PROVIDE FENCING, BARRICADES OR OTHER PROTECTIVE DEVICES TO MAINTAIN A SECURED WORK AREA AT ALL TIMES.
6. PRIOR TO STARTING DEMOLITION ON ANY STRUCTURES OR UTILITIES, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS OF ANY STRUCTURES AND UTILITIES. THE CONTRACTOR SHALL DEVELOP A PLAN OF DEMOLITION THAT ENSURES ALL ACTIVITIES ARE COMPLETED IN A SAFE MANNER. PROVIDE ANY TEMPORARY SHORING, SHEETING OR SUPPORT REQUIRED TO COMPLETE WORK IN A SAFE MANNER. DEMOLITION SHALL GENERALLY BE COMPLETED FROM THE TOP OF THE STRUCTURE DOWN.
7. COMPLETELY REMOVE ALL STRUCTURE AND UTILITIES INDICATED, BOTH ABOVE GROUND AND BELOW GROUND.
8. ALL EXCAVATIONS CREATED BY DEMOLITION ACTIVITIES, INCLUDING PAVEMENT AND STONE BASE REMOVAL, SHALL BE BACKFILLED WITH COMMON FILL, SHALL BE GRADED TO CREATE POSITIVE DRAINAGE, AND SHALL BE VEGETATED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN. GRAVEL AND PAVED SURFACES SHALL BE RESTORED TO THEIR ORIGINAL CONDITION. SEE PROJECT SPECIFICATION FOR SPECIFIC COMPACTION REQUIREMENTS.
9. ALL EROSION CONTROL FEATURES SHOWN SHALL BE INSTALLED PRIOR TO DEMOLITION ACTIVITIES STARTING.
10. THE CONTRACTOR SHALL MINIMIZE DUST GENERATED FROM DEMOLITION ACTIVITIES BY WET METHODS OR OTHER APPROVED METHODS.
11. WHERE ROADS, SIDEWALKS, ETC ARE INDICATED TO BE CUT AND PATCHED, EACH SHALL BE REMOVED AND REPLACED ALONG NEAT SAWCUT LINES, AND TO THE NEAREST JOINT WHERE IT EXISTS.
12. CERTAIN AREAS OF WORK ARE LOCATED WITHIN RESTRICTED AREAS. ACCESS TO THESE AREAS SHALL BE COORDINATED WITH THE CONTRACTING OFFICER.
13. ANY FILL MATERIAL REQUIRED TO ESTABLISH THE FINISH GRADES SHOWN SHALL BE OBTAINED FROM A PROPERLY PERMITTED BORROW PIT. ANY EXCESS SOIL MATERIAL GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF OFF OF THE GOVERNMENT PROPERTY.
14. IF DURING DEMOLITION, ANY SOILS ARE ENCOUNTERED THAT ARE SUSPECTED OF BEING CONTAMINATED, WORK SHALL CEASE AND THE CONTRACTING OFFICER SHALL BE CONTACTED FOR RESOLUTION.
15. CONSTRUCTION AND MATERIALS INDICATED ARE GENERAL IN NATURE AND ARE NOT INTENDED TO FULLY DESCRIBE THE EXISTING CONSTRUCTION PRESENT. THE CONTRACTOR IS RESPONSIBLE TO INSPECT ALL FACILITIES TO BE DEMOLISHED TO HIS OWN SATISFACTION AND INCLUDE ALL NECESSARY COSTS TO COMPLETELY REMOVE EACH FACILITY AS DESCRIBED.
16. MISCELLANEOUS SIGNAGE EXISTS WITHIN THE LIMITS OF DISTURBANCE ON MOST OF THE PROJECT SITES. WHERE SUCH SIGNAGE EXISTS, IT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR, UNLESS NOTED OTHERWISE ON THE PLANS.

UTILITY DEMOLITION NOTES

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL SECURE THE SERVICES OF A PROFESSIONAL UTILITY LOCATE CONTRACTOR TO MARK ALL EXISTING UTILITIES IN THE AREA OF WORK. UTILITY MARKINGS SHALL BE MAINTAINED FOR THE DURATION OF DEMOLITION ACTIVITIES. THE CONTRACTOR SHALL NOTIFY 811 SERVICE TO LOCATE ALL PRIVATE UTILITIES IN THE WORK AREA PRIOR TO STARTING DEMOLITION.
2. ALL UTILITY LINES TO REMAIN SHALL REMAIN ACTIVE AND SHALL BE PROTECTED DURING DEMOLITION ACTIVITIES.
3. EXISTING UTILITIES SHALL NOT BE INTERRUPTED WITHOUT THE APPROVAL OF THE CONTRACTING OFFICER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE, TO ORIGINAL CONDITION, ANY UTILITIES DAMAGED DURING DEMOLITION ACTIVITIES FROM THE CONTRACTOR'S OPERATIONS.
5. ALL COSTS ASSOCIATED WITH LOCATING, DISCONNECTING ABANDONING AND CAPPING OF UTILITY LINES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE REMOVAL OF ALL UTILITIES INDICATED WITH THEIR RESPECTIVE UTILITY PURVEYORS.
7. ALL PIPES AND CONDUITS THAT ARE TO BE ABANDONED IN PLACE, SHALL BE CAPPED OR PLUGGED TO SECURE ALL OPEN ENDS TO FORM A WATERTIGHT SEAL.
8. ALL ELECTRICAL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE.
9. ALL COMMUNICATION SYSTEM WORK SHALL BE COORDINATED WITH BASE TELEPHONE THROUGH THE CONTRACTING OFFICER.
   - 9.1. THE CONTRACTOR SHALL PROVIDE SIXTY (60) DAYS MINIMUM NOTICE PRIOR TO DEMOLITION AT ANY STRUCTURE, TO ALLOW BASE TELEPHONE TO RESPOND.
   - 9.2. BASE TELEPHONE WILL, UPON NOTICE, DISCONNECT ALL COMMUNICATIONS SERVICE(S) TO THE FACILITY PRIOR TO THE START OF DEMOLITION ACTIVITIES.
   - 9.3. ALL COMMUNICATIONS WIRING AND EQUIPMENT LEFT IN PLACE, UNLESS OTHERWISE NOTIFIED BY BASE TELEPHONE, SHALL BE CONSIDERED ABANDONED, AND SHALL BE REMOVED BY THE CONTRACTOR AS PART OF DEMOLITION ACTIVITIES.
   - 9.4. REFERENCE SPECIFICATION SECTION 33 82 00 "TELECOMMUNICATIONS OUTSIDE PLANT (OSP)" FOR ADDITIONAL REQUIREMENTS.
10. ALL WORK ASSOCIATED WITH THE NATURAL GAS SERVICES TO ANY STRUCTURE TO BE DEMOLISHED SHALL BE COORDINATED WITH PIEDMONT NATURAL GAS, THROUGH THE CONTRACTING OFFICER. NO WORK SHALL BE PERFORMED TO THE NATURAL GAS LINES OR SERVICES WITHOUT THE EXPRESS CONSENT OF PIEDMONT NATURAL GAS.
11. FOR PROPANE TANKS TO BE REMOVED, THE CONTRACTOR SHALL REMOVE ALL FUEL PIPING. THE CONTRACTOR SHALL COORDINATE REMOVAL OF THE TANK, THROUGH THE CONTRACTING OFFICER, WITH THE TANK SUPPLIER.
12. PRIOR TO DEMOLITION OF EXISTING HVAC SYSTEMS, THE CONTRACTOR SHALL CONTACT BASE MAINTENANCE CONTRACTOR (EMI) THROUGH THE CONTRACTING OFFICER TO RECOVER ALL REFRIGERANTS FROM EXISTING MECHANICAL SYSTEMS. POINT OF CONTACT: SCOTTY SHOLAR, PH: 910-389-7853 OR MIKE SCHELL, PH: 910-934-0187.

FUEL TANK REMOVAL REQUIREMENTS

1. PRIOR TO TANK REMOVAL, THE CONTRACTOR SHALL NOTIFY BASE ENVIRONMENTAL MANAGEMENT DEPARTMENT (EMD) THROUGH THE CONTRACTING OFFICER. PROVIDE THIRTY (30) DAYS MINIMUM NOTICE AHEAD OF ANY DEMOLITION ACTIVITIES.
2. THE CONTRACTOR SHALL NOTIFY JASON BUTTS, PH: 910-451-9641, WHO SHALL COORDINATE THE EMPTYING OF THE TANK(S) BY THE GOVERNMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROPERLY REMOVE AND DISPOSE OF ANY RESIDUAL FUEL/SLUDGE REMAINING IN THE TANK(S).
4. THE TANK SHALL BE TRIPLE RINSED TO REMOVE VAPORS PRIOR TO DISPOSAL.
5. WASTEWATER FROM RINSING OPERATIONS MUST BE CONTAINERIZED AND DISPOSED OF IN ACCORDANCE WITH ALL BASE, STATE AND FEDERAL REGULATIONS, ALL AT THE EXPENSE OF THE CONTRACTOR.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO DISPOSE OF THE TANK OFF-BASE, IN AN APPROVED MANNER.
7. THE TANK I.D. NUMBER FOR EACH TANK REMOVED SHALL BE REPORTED TO THE CONTRACTING OFFICER.

SURVEY NOTES:

1. TOPOGRAPHIC AND PHYSICAL SURVEY WAS PERFORMED BY AVOLIS ENGINEERING, P.A. IN JUNE THROUGH AUGUST 2024.
2. UTILITIES SHOWN ARE BASED UPON ABOVE GROUND FEATURES, AVAILABLE UTILITY PLANS, GIS INFORMATION, AS-BUILT DRAWINGS AND UTILITY LOCATE SERVICES BY GEOPHYSICAL METHODS (LEVEL B PER ASCE 38-02 STANDARDS) COMPLETING BY PROFESSIONAL LOCATING SERVICES, LLC OF JACKSONVILLE, NC. MARKED UTILITIES WERE SURVEYED TO DOCUMENT LOCATIONS.
3. ELEVATIONS SHOWN ARE IN FEET AND REFER TO NORTH AMERICAN VERTICAL DATUM (NAVD) 1988 AND ARE BASED UPON CAMP LEJEUNE CONTROL AS SHOWN.
4. COORDINATES SHOWN REFER TO NORTH CAROLINA STATE PLANE COORDINATES SYSTEM, NAD 1983/2011.
5. TEMPORARY BENCHMARKS WHERE PLACED AT OR ADJACENT TO THE CONSTRUCTION SITE AS INDICATED.

EROSION CONTROL SYMBOL LEGEND:

—SLT— · · · —SLT—	= SILT FENCE, SEE DETAIL A, SHEET CG503
	= GRAVEL CONTROL ENTRANCE, SEE DETAIL B, SHEET CG503
	= CHECK DAM, SEE DETAIL C, SHEET CG503
	= DROP INLET PROTECTION, SEE DETAIL D, SHEET CG503

TOTAL LIMITS OF DISTURBANCE (ALL SITES)
469,403 SF, 10.776 ACRES

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
(1) THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
(2) THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.
(B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
(C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER HIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

G-006

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS
AE PROJECT # 24014

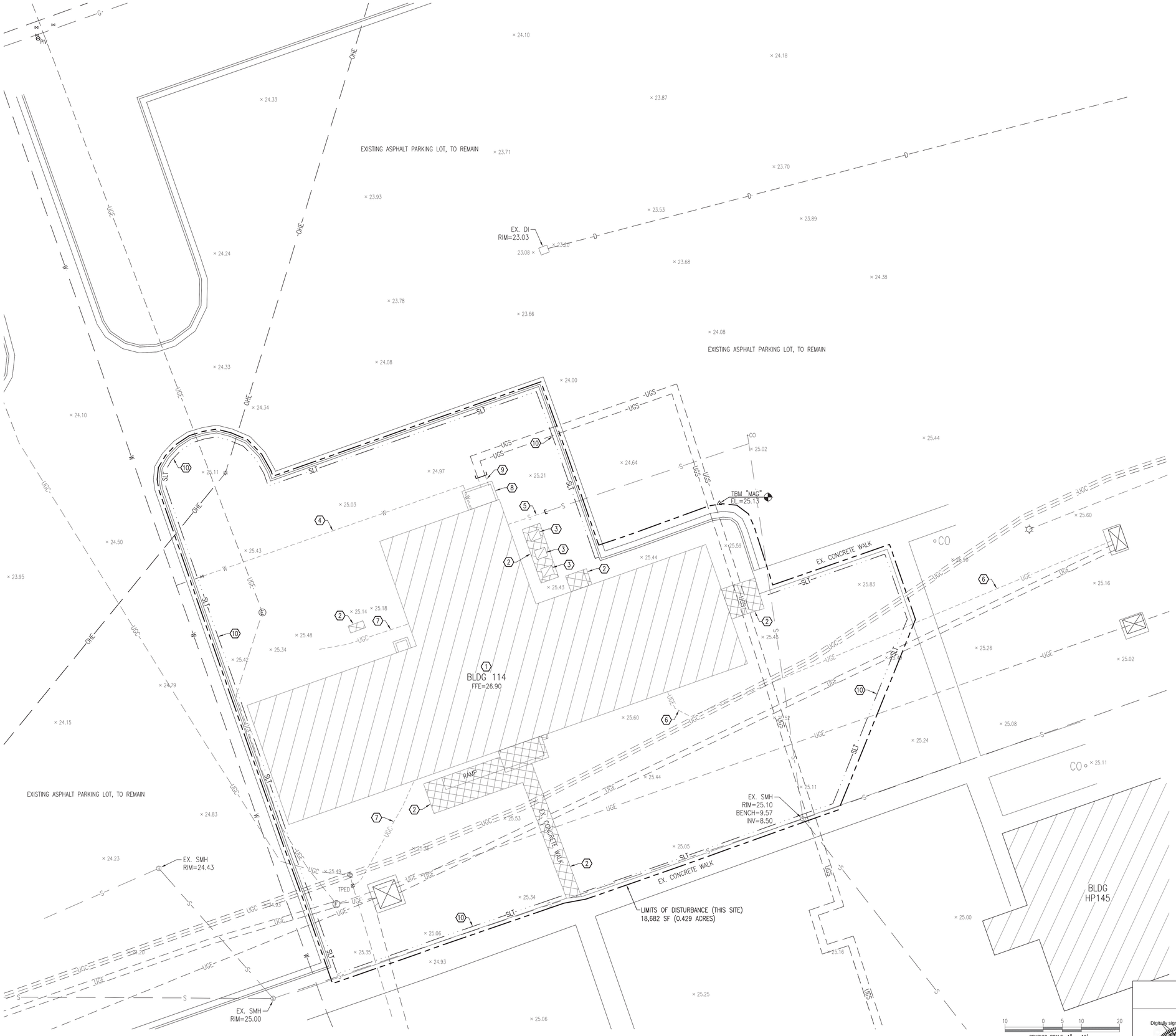
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
NOTES & LEGEND

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041081
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 06 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

GRAPHIC SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING HVAC UNIT.
4. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT EXISTING VALVE. SEE DETAIL D, SHEET CU501.
5. REMOVE EXISTING SEWER SERVICE. CAP AT POINT SHOWN. SEE DETAIL C, SHEET CU501.
6. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
7. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
8. REMOVE EXISTING STEAM/UTILITY SERVICE PIT.
9. REMOVE EXISTING UNDERGROUND STEAM SERVICE. CAP 3' OUTSIDE WALL OF EXISTING STEAM PIT.
10. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

BUILDING 114 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING 114 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

DISCLOSURE OF INFORMATION
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C-101

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
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SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS

AE PROJECT # 24014

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

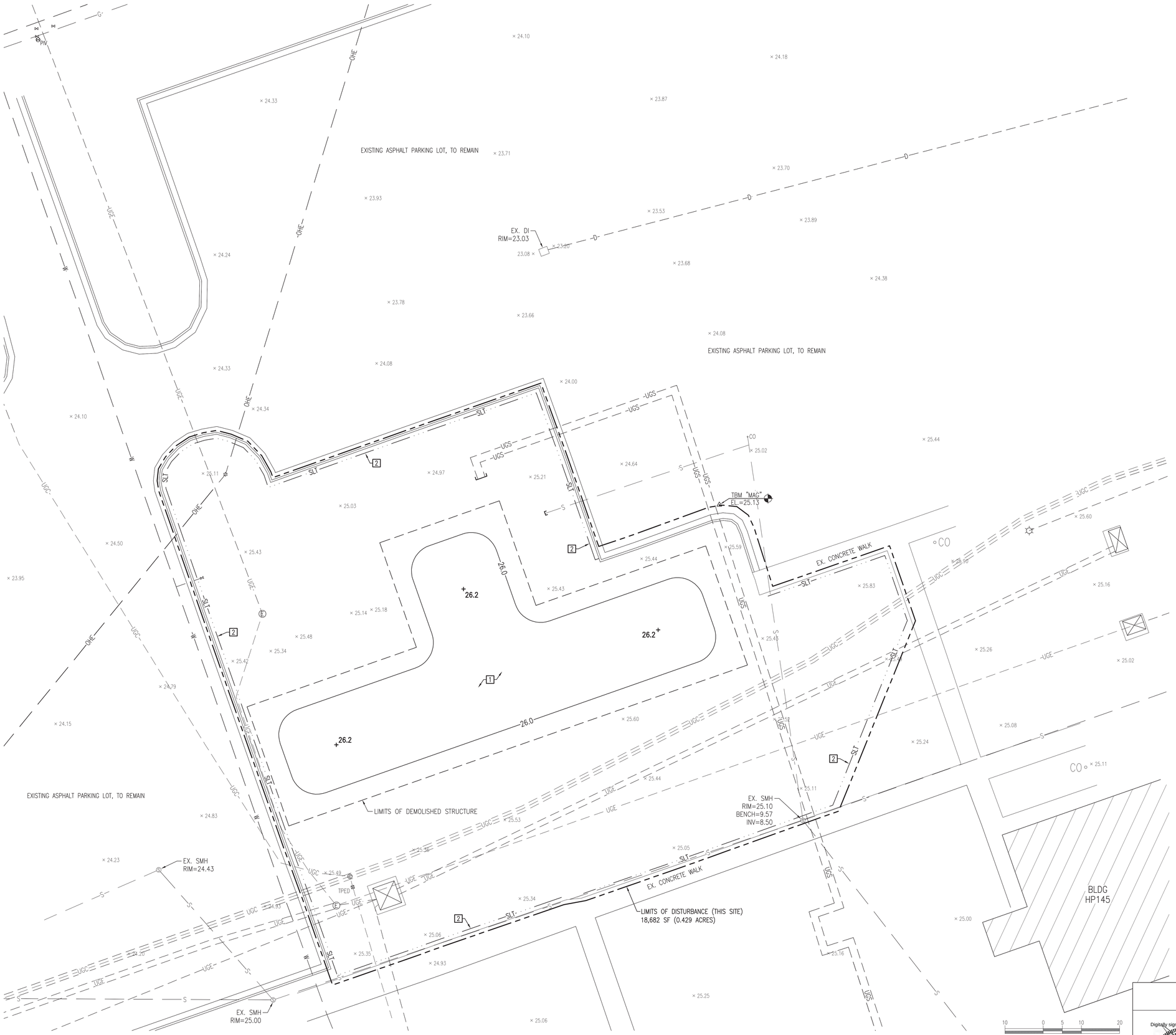
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 114

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041082

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 07 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.

DISCLOSURE OF INFORMATION
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C-102

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SITE MAPPING AND SITE DESIGN BY:
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P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15788 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

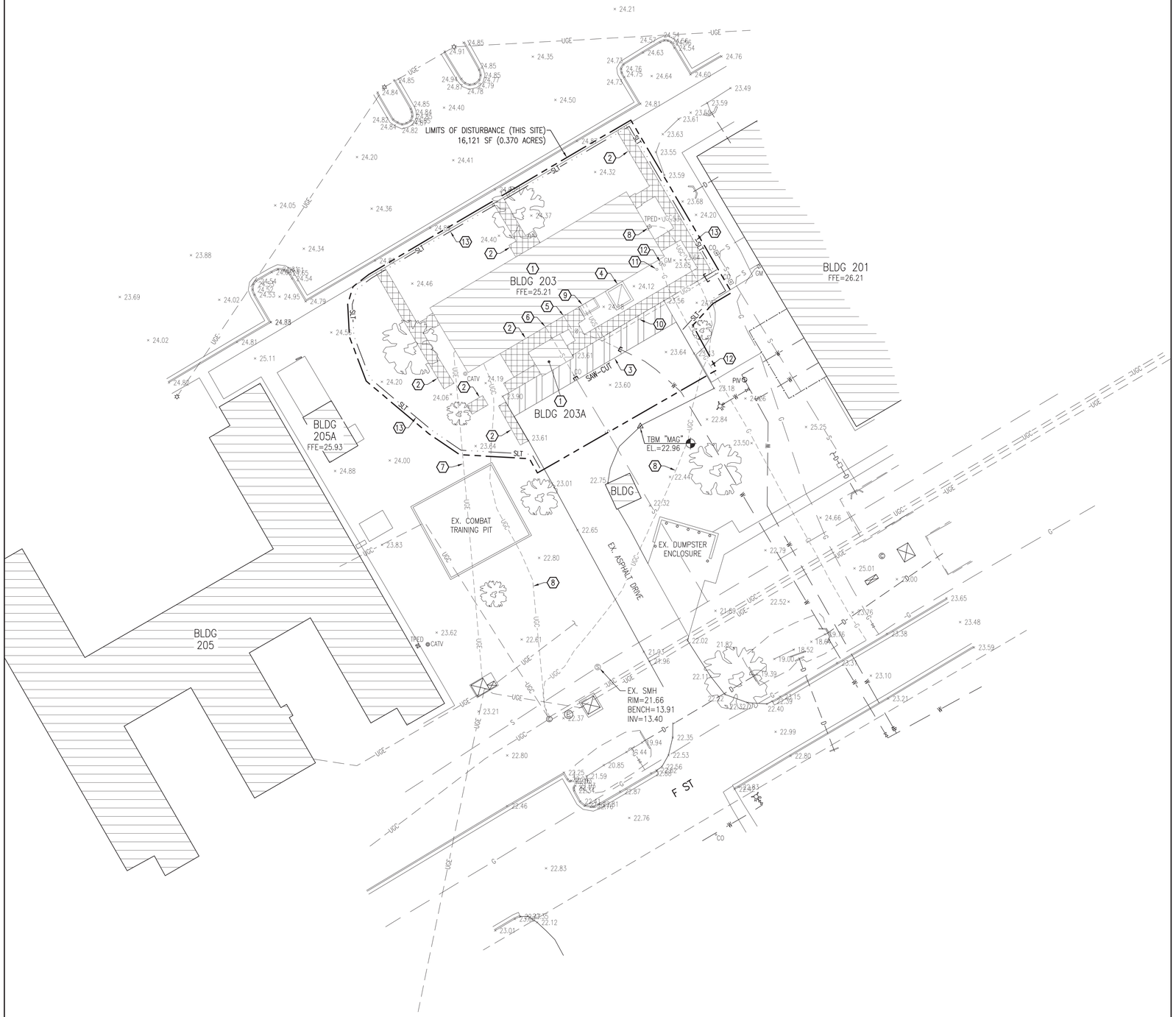
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 114

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041083
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 08 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 20'

N

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

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GENERAL CONSTRUCTION NOTES:

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2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. SAW-CUT AND REMOVE EXISTING ASPHALT PAVEMENT AND STONE BASE.
4. REMOVE EXISTING HVAC UNIT.
5. REMOVE EXISTING DOMESTIC WATER SERVICE. CAP AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
6. REMOVE EXISTING SEWER SERVICE. CAP AT POINT SHOWN. SEE DETAIL C, SHEET CU501.
7. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE. EXISTING PAD-MOUNTED TRANSFORMER TO REMAIN.
8. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
9. REMOVE EXISTING STEAM/UTILITY SERVICE PIT.
10. REMOVE EXISTING UNDERGROUND STEAM SERVICE. CAP AT POINT SHOWN.
11. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 2.
12. EXISTING UNDERGROUND GAS SERVICE TO BE REMOVED BY GAS PURVEYOR. COORDINATE REMOVAL WITH GAS UTILITY PURVEYOR.
13. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.

BUILDING 203 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING 203 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

BUILDING 203A HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING 203A HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

DISCLOSURE OF INFORMATION
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C-103

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

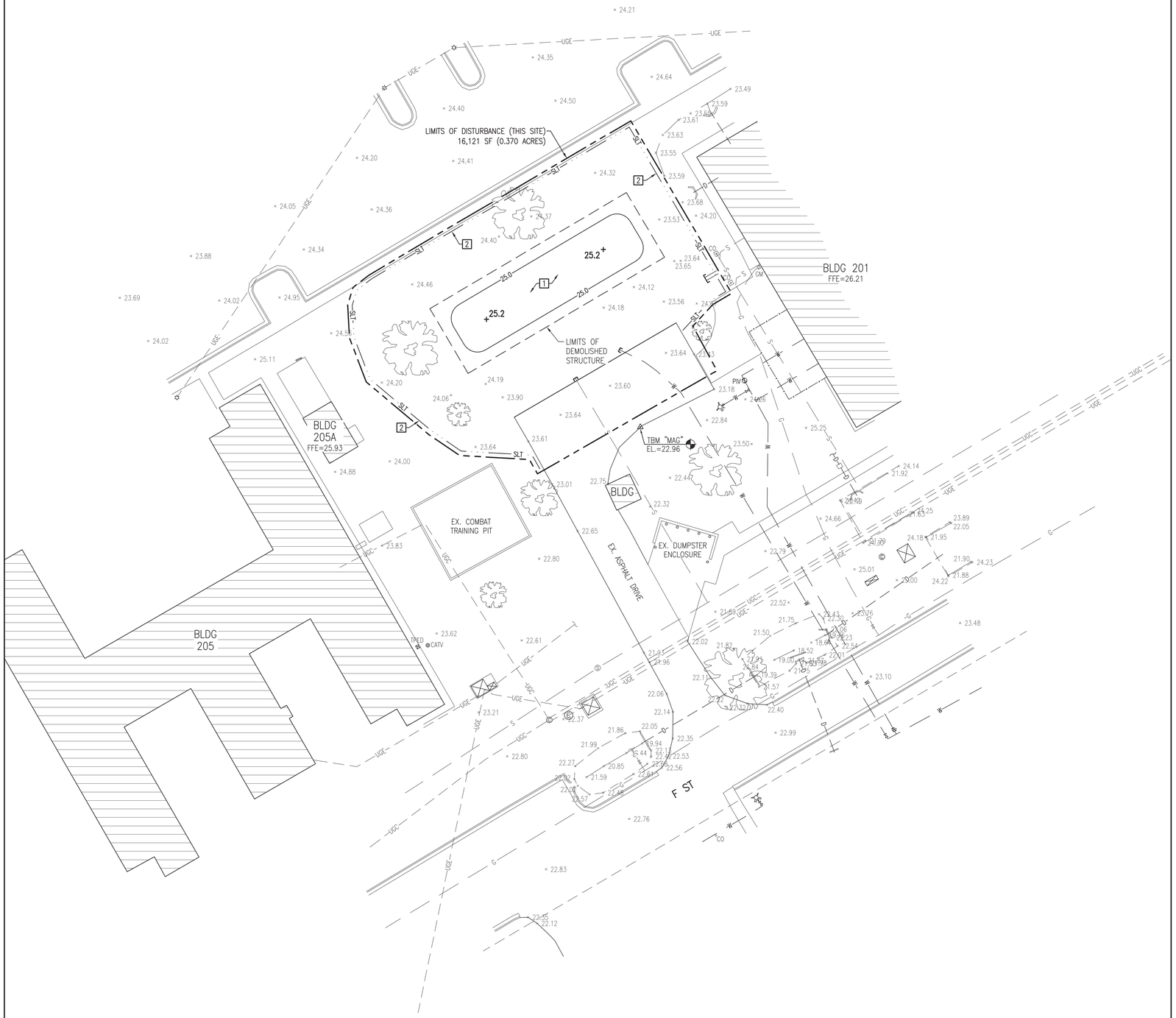
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
10-2024

AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 203, 203A

SIZE E1 | CODE IDENT. NO – | NAVFAC DRAWING NO. 60041084
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 09 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 20'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

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C-104

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 203, 203A

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041085
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 10 OF 114

SYM	REVISIONS	DATE	APPROVED

GENERAL CONSTRUCTION NOTES:

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4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. SAW-CUT AND REMOVE EXISTING ASPHALT PAVEMENT AND STONE BASE.
4. REMOVE EXISTING STEPS, ACCESS RAMP AND RAIL SYSTEM, COMPLETE
5. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT EXISTING VALVE. SEE DETAIL D, SHEET CU501.
6. REMOVE EXISTING FIRE WATER SERVICE. REMOVE POST INDICATOR VALVE ASSEMBLY. TERMINATE AT EXISTING VALVE. SEE DETAIL D, SHEET CU501.
7. REMOVE EXISTING SEWER SERVICE. CAP AT EXISTING MAIN. SEE DETAIL C, SHEET CU501.
8. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
9. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.
10. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
11. REMOVE EXISTING OVERHEAD COMMUNICATIONS SERVICE.
12. REMOVE EXISTING STEAM/UTILITY SERVICE PIT.
13. REMOVE EXISTING UNDERGROUND STEAM SERVICE. CAP AT POINT SHOWN.
14. REMOVE EXISTING UNDERGROUND HYDRONICS LINES COMPLETE.
15. EXISTING UNDERGROUND GAS SERVICE TO BE REMOVED BY GAS PURVEYOR. COORDINATE REMOVAL WITH GAS UTILITY PURVEYOR.
16. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 6.
17. REMOVE EXISTING SIGN.
18. REMOVE EXISTING FLAG POLE.
19. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
20. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

BUILDING 401 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING 401 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

BLDG 401
FFE=VARIES

BLDG 401A
FFE=28.87

FFE=25.52

EX. CANOPY

EX. SMH
RIM=24.74
INV=7.97

TBM "MAC"
EL.=22.82

LIMITS OF DISTURBANCE (THIS SITE)
42,845 SF (0.984 ACRES)

L ST

SITE DEMOLITION PLAN
SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-105

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Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0819

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15736 ENGINEER JOHN K. AVOLIS
10-28-24

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 401, 401A

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041086
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 11 OF 114

AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

LIMITS OF DEMOLISHED STRUCTURE

LIMITS OF DISTURBANCE (THIS SITE)
42,845 SF (0.984 ACRES)

EX. SMH
RIM=24.74
INV=7.97

TBM "MAG"
EL.=22.82

WARV

L ST

SITE GRADING PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

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C-106

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Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

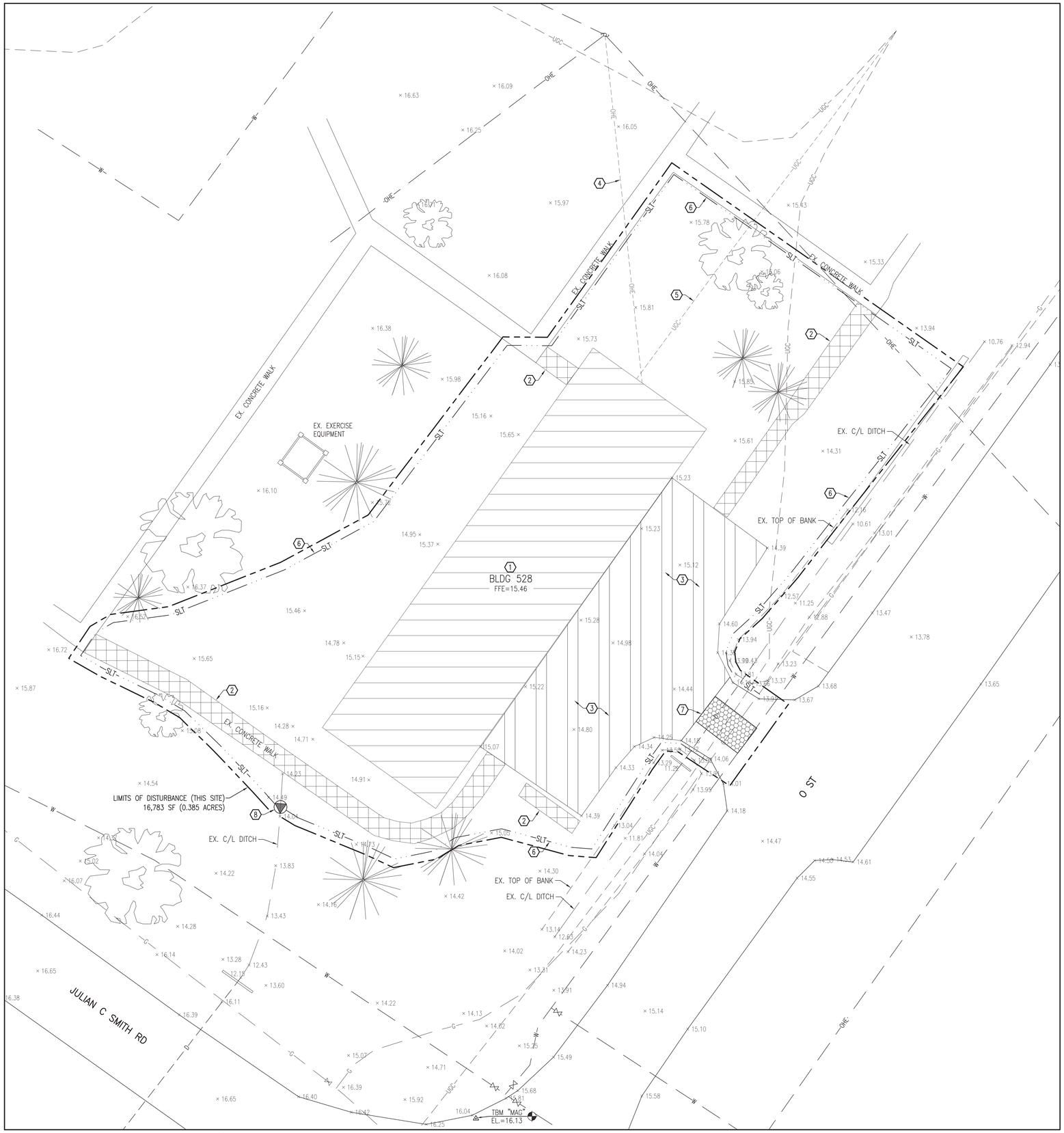
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 401, 401A

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041087
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 12 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. SAW-CUT AND REMOVE EXISTING ASPHALT PAVEMENT AND STONE BASE.
4. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.
5. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
6. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
7. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.
8. PROVIDE CHECK DAM. SEE DETAIL C, SHEET CG503.

BUILDING 528 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING 528 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

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C-107

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS
10/2024

AE PROJECT # 24014

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

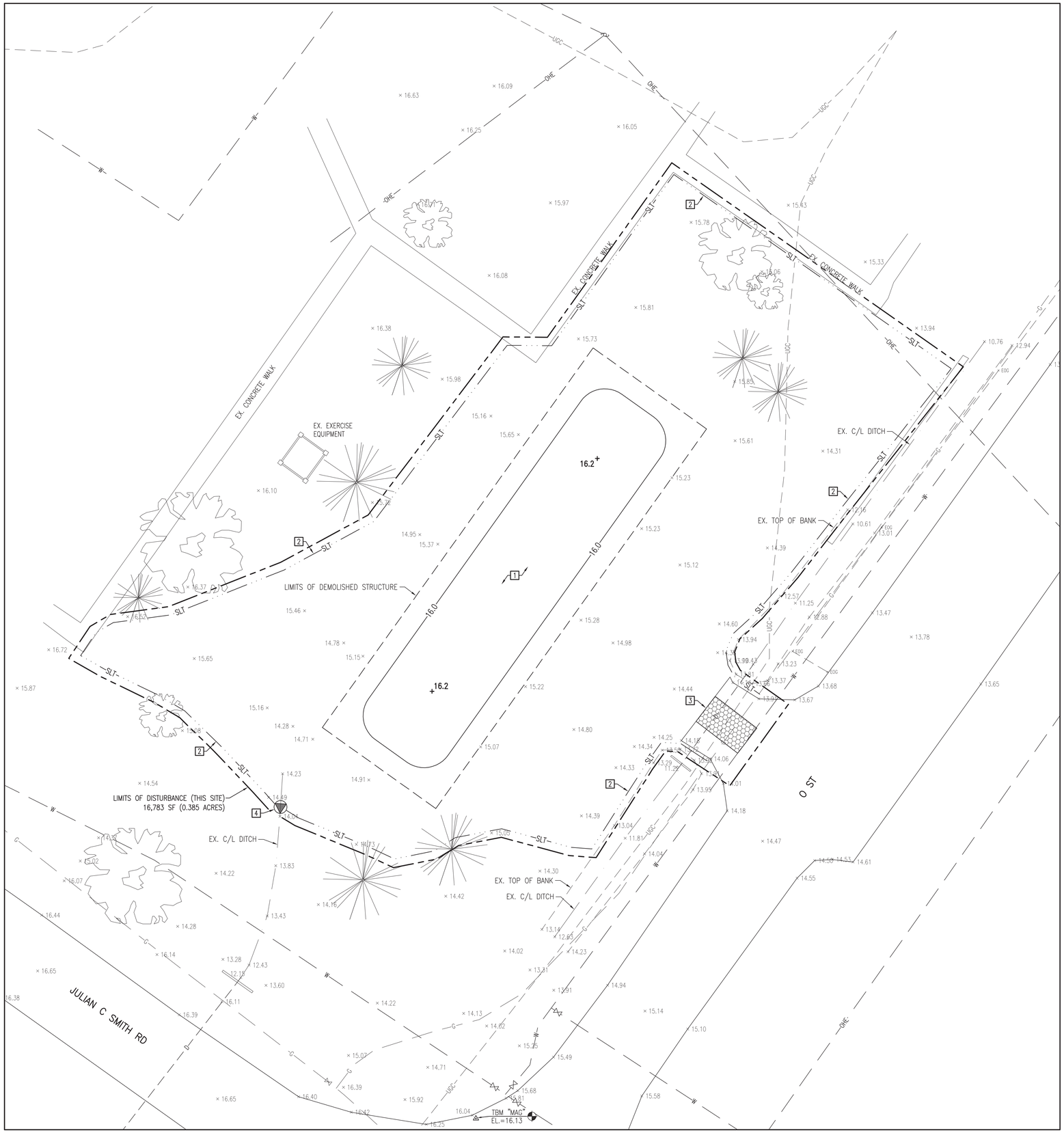
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 528

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041088

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 13 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CC503.
4. PROVIDE CHECK DAM. SEE DETAIL C, SHEET CC503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
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C-108

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tel 757-474-0812 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

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DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS
10/3/2024

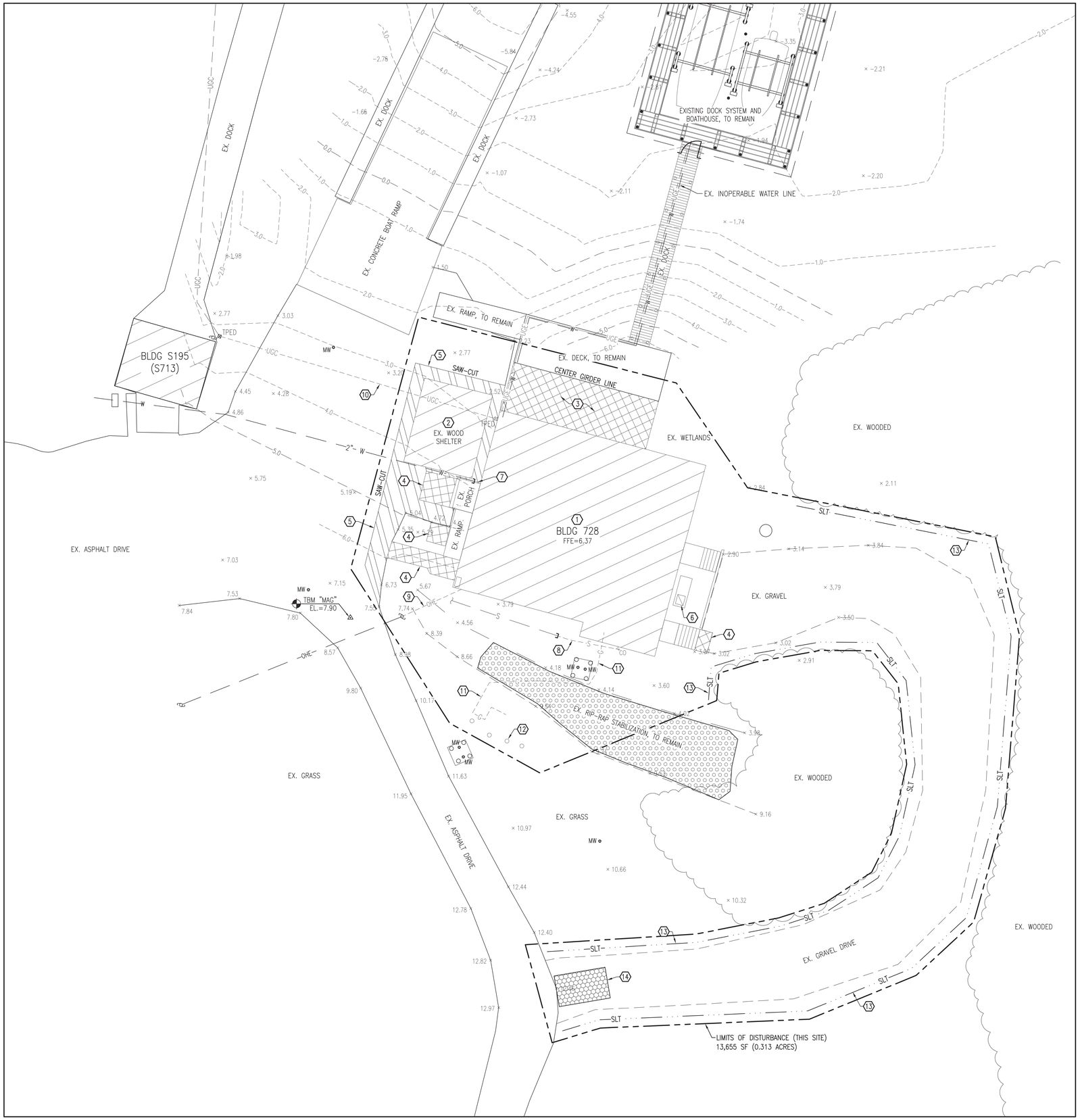
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 528

APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041089
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 14 OF 114

AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. DEMOLISH WOOD SHELTER AND FOUNDATIONS.
3. DEMOLISH EXISTING WOOD DECK AND FOUNDATIONS TO CENTER GIRDER LINE.
4. REMOVE EXISTING CONCRETE.
5. SAW-CUT AND REMOVE EXISTING ASPHALT PAVEMENT AND STONE BASE.
6. REMOVE EXISTING HVAC UNIT.
7. REMOVE EXISTING DOMESTIC WATER SERVICE. CAP AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
8. REMOVE EXISTING SEWER SERVICE. CAP AT POINT SHOWN. SEE DETAIL C, SHEET CU501.
9. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE. EXISTING POLE AND AREA LIGHT TO REMAIN.
10. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
11. REMOVE EXISTING UNDERGROUND GAS SERVICE. COORDINATE REMOVAL WITH GAS UTILITY PURVEYOR.
12. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 4.
13. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
14. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

NOTE:
GROUNDWATER MONITORING WELLS AND A GROUNDWATER REMEDIATION SYSTEM EXISTS IN THE AREA OF WORK. EXERCISE CARE NOT TO DISTURB THESE SYSTEMS IN ANY MANNER. MONITORING WELLS MUST BE PROTECTED THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY REPORT ANY DAMAGE TO THE CONTRACTING OFFICER.

BUILDING 728 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

SPECIAL ENVIRONMENTAL NOTE:
THIS PROJECT SITE IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. ALL MECHANIZED EQUIPMENT WORK IN THE WETLAND AREAS AROUND BUILDING 728 MUST BE COMPLETED ON WOOD MATTING TO PROTECT THE SUBSTRATE.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-109

Digitally signed by John K Avolis
SEAL 18738 REGISTERED PROFESSIONAL ENGINEER JOHN K. AVOLIS NORTH CAROLINA
AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

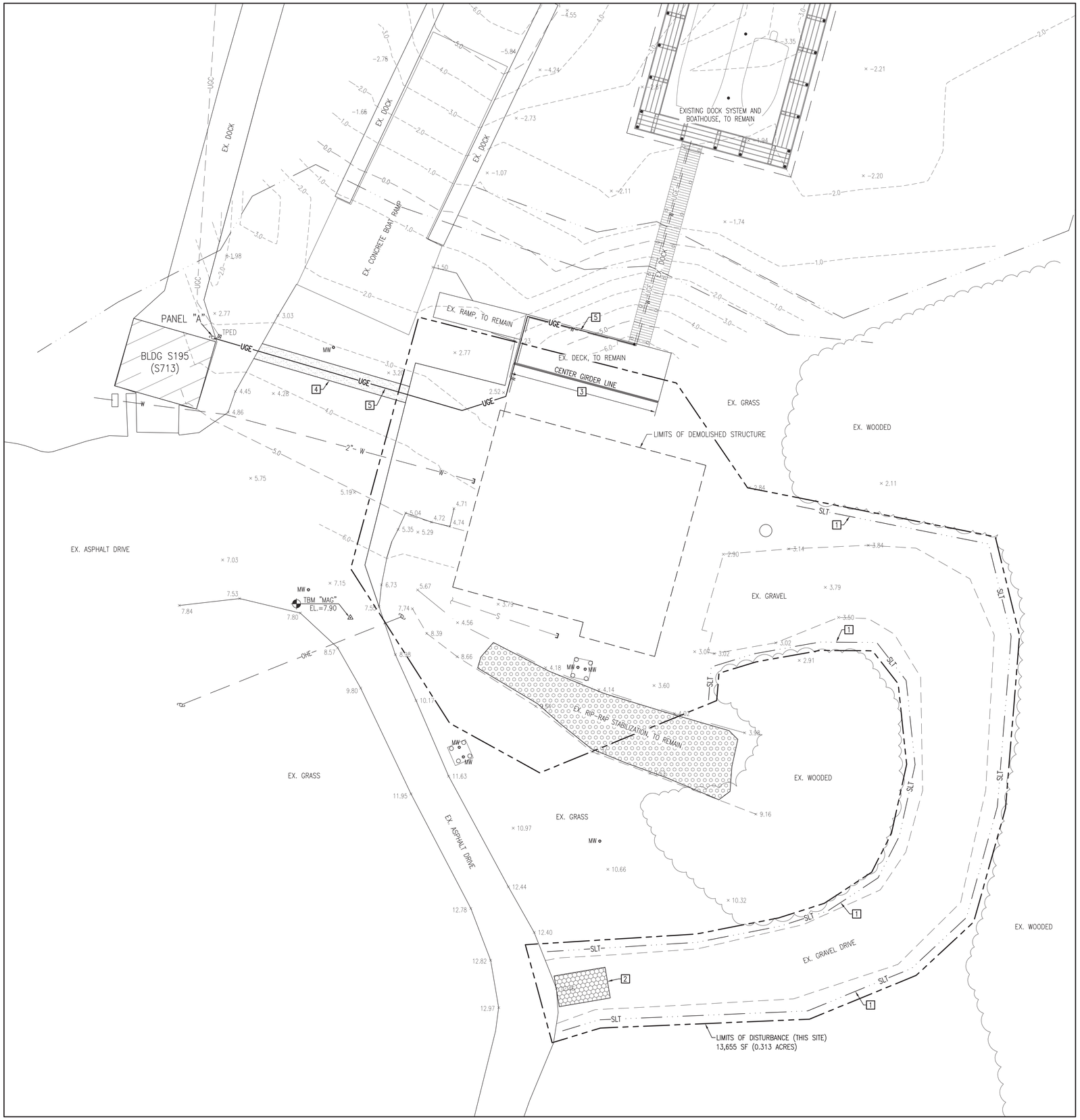
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 728

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041090
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 15 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
2. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.
3. PROVIDE NEW RAILING TO MATCH EXISTING.
4. ASPHALT CUT AND PATCH. SEE DETAIL B, SHEET CS501.
5. INTERCEPT EXISTING ELECTRICAL SERVICE AT HEAD OF FINGER PIER. PROVIDE NEW ELECTRICAL SERVICE CONSISTING OF 2#6 & 1#10G IN BURIED 3/4" CONDUIT EXTENDED AND CONNECTED TO PANEL "A". PROVIDE NEW 60 AMP, 2-POLE BREAKER AT PANEL "A". MAKE SYSTEM OPERABLE. PERFORM THIS WORK PRIOR TO OTHER SITE DEMOLITION, TO MAINTAIN POWER TO BOATHOUSE.

NOTE:
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C-110

NRW ENGINEERING, P.C.
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tel 757-474-0812 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

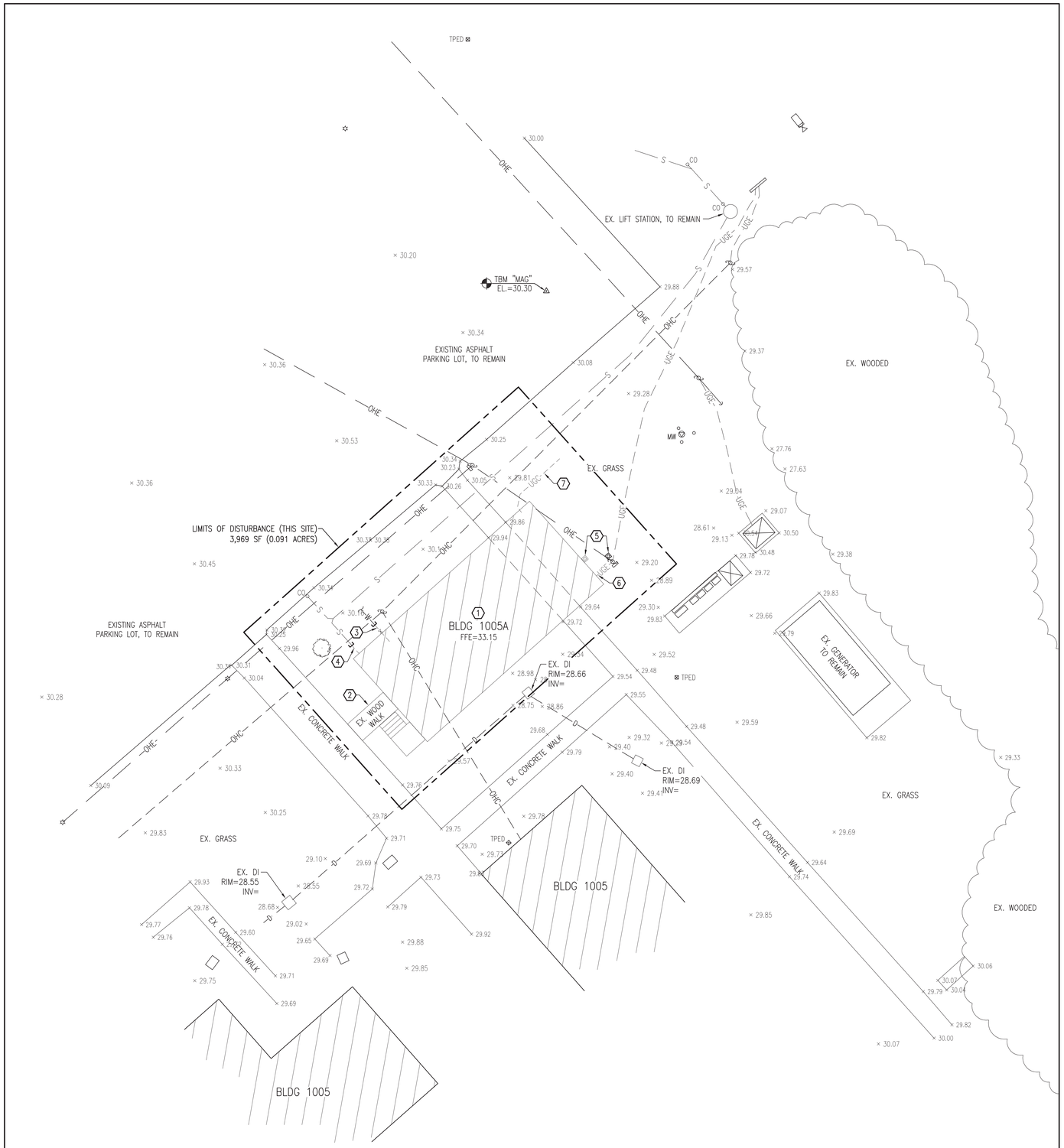
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 728

AE PROJECT # 24014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041091
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 16 OF 114

SYM	REVISIONS	DATE	APPROVED

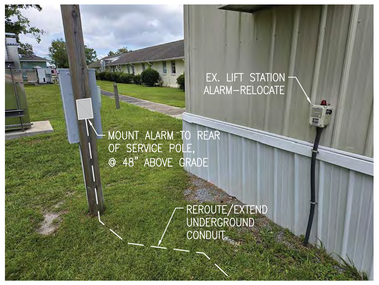


SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'



(5) LIFT STATION ALARM RELOCATION

NO SCALE

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING WOOD WALKWAY AND METAL STAIRCASE.
3. REMOVE EXISTING DOMESTIC WATER SERVICE. CAP AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
4. REMOVE EXISTING SEWER SERVICE. CAP AT POINT SHOWN. SEE DETAIL C, SHEET CU501.
5. RELOCATE EXISTING LIFT STATION ALARM – SEE PHOTO AND NOTES, THIS SHEET.
6. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
7. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.

NOTE:
GROUNDWATER MONITORING WELLS EXIST IN THE AREA OF WORK. EXERCISE CARE NOT TO DISTURB THESE WELLS IN ANY MANNER. MONITORING WELLS MUST BE PROTECTED THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY REPORT ANY DAMAGE TO THE CONTRACTING OFFICER.

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C-111

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

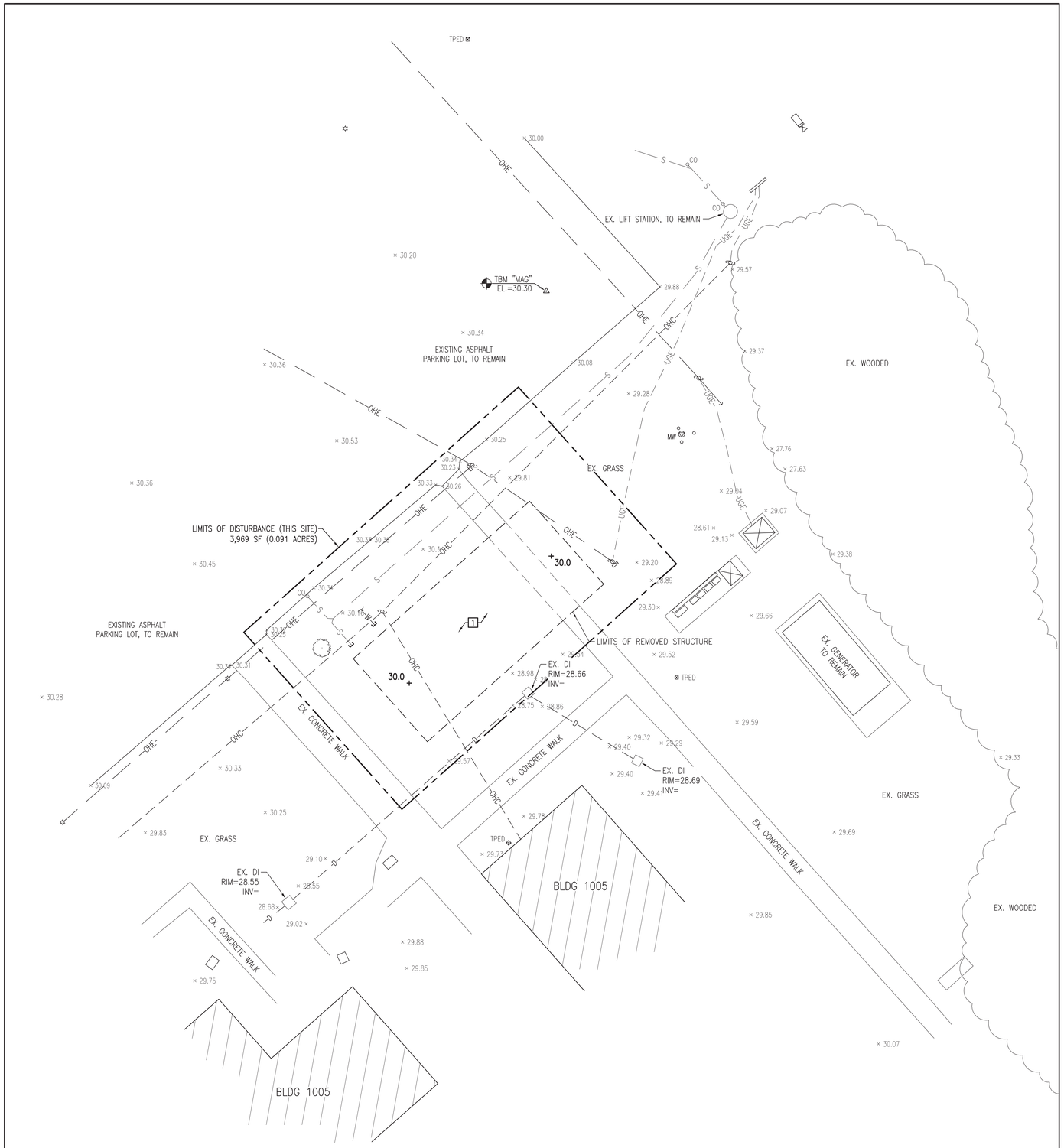
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1005A

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041092
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 17 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

NOTE:
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C-112

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 16739 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

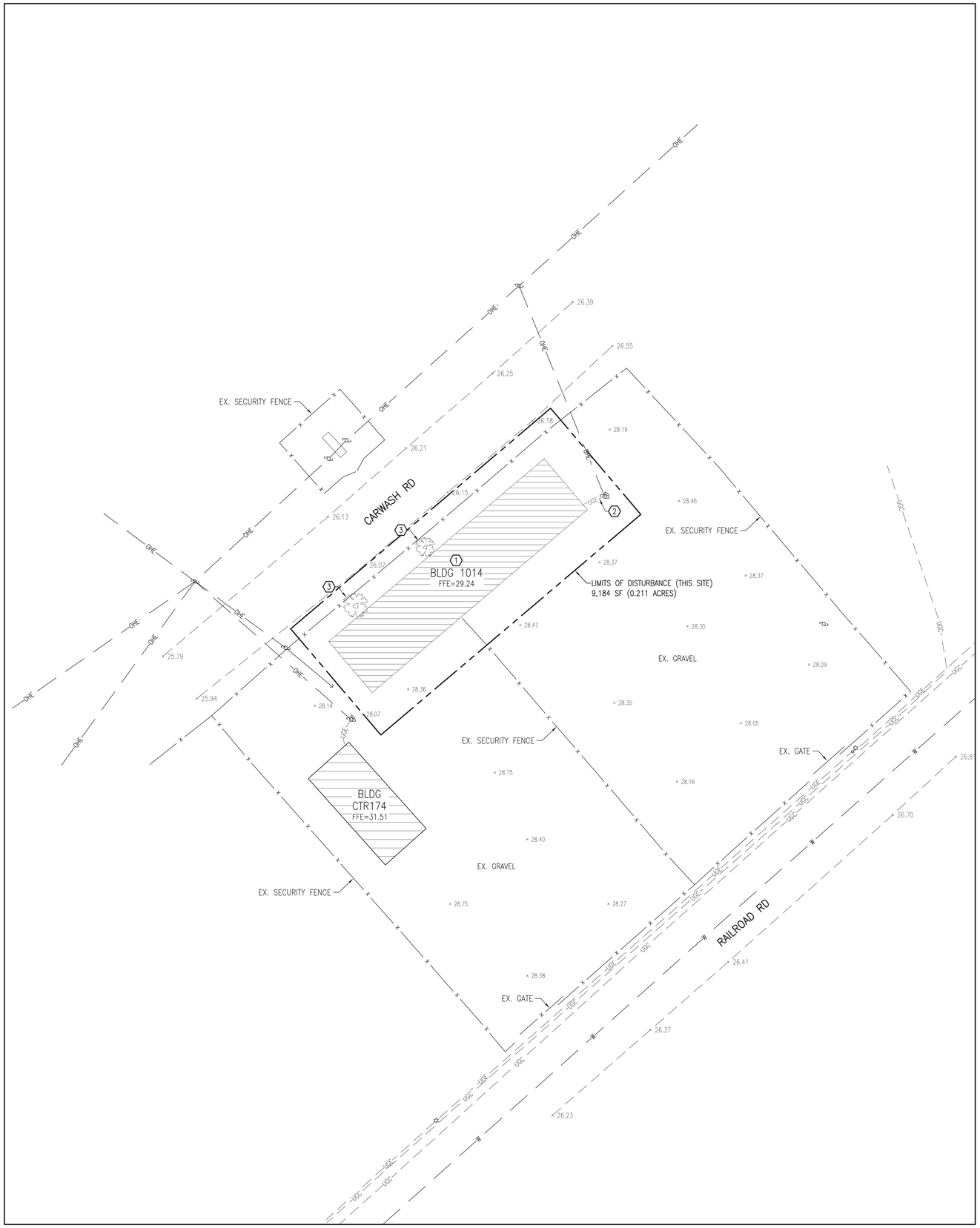
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1005A

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041093
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 18 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 20'

N

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

(1) DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.

(2) REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.

(3) REMOVE EXISTING TREE.

BUILDING 1014 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING 1014 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

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C-113

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15736 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

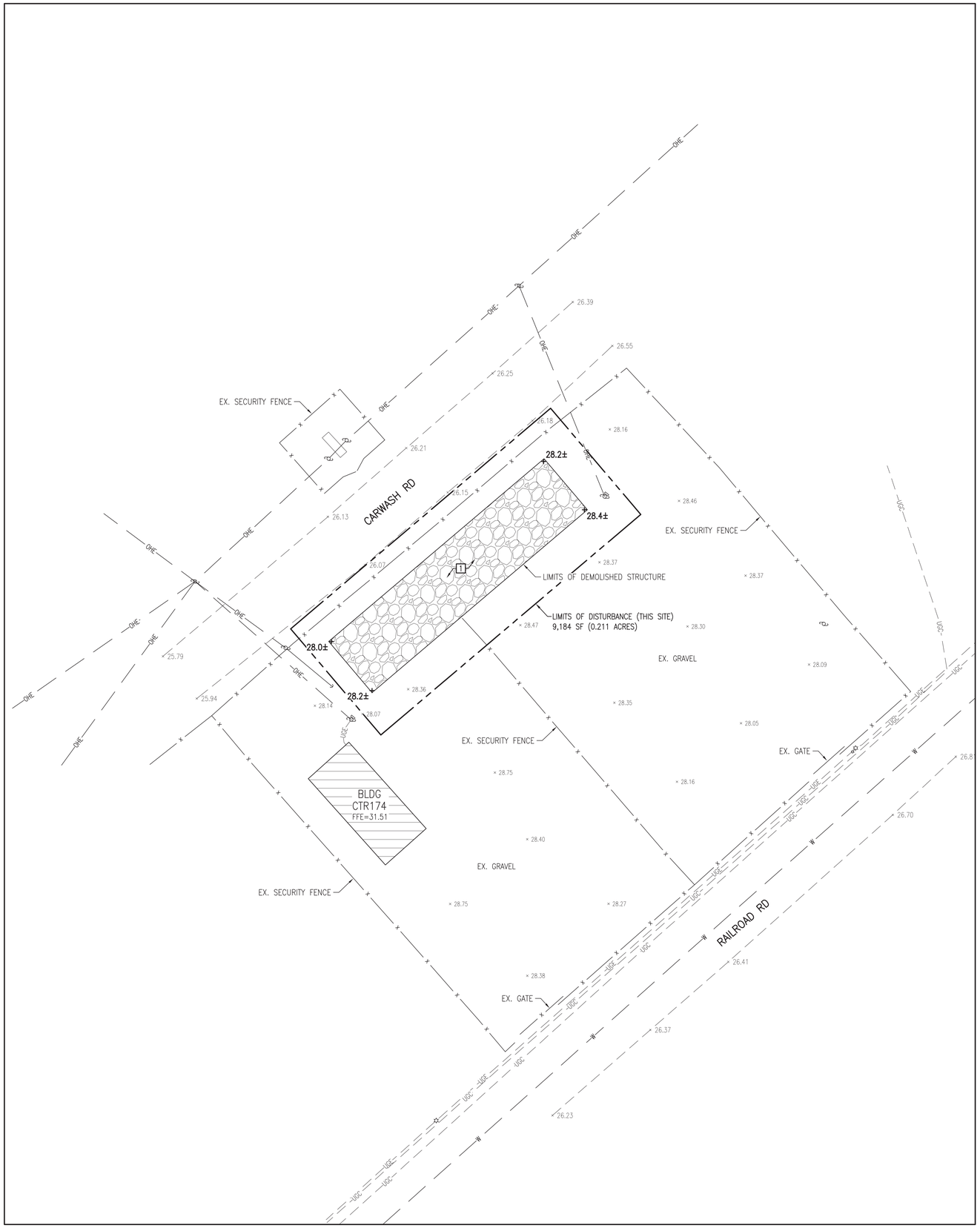
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041094

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 19 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 20'

N

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 BACKFILL TO REMOVE SIGNIFICANT VOIDS, INFILL WITH GRAVEL, GRADE TO FINISH GRADES SHOWN. SEE DETAIL D, SHEET CS501.

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

AE PROJECT # 24014

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-114

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

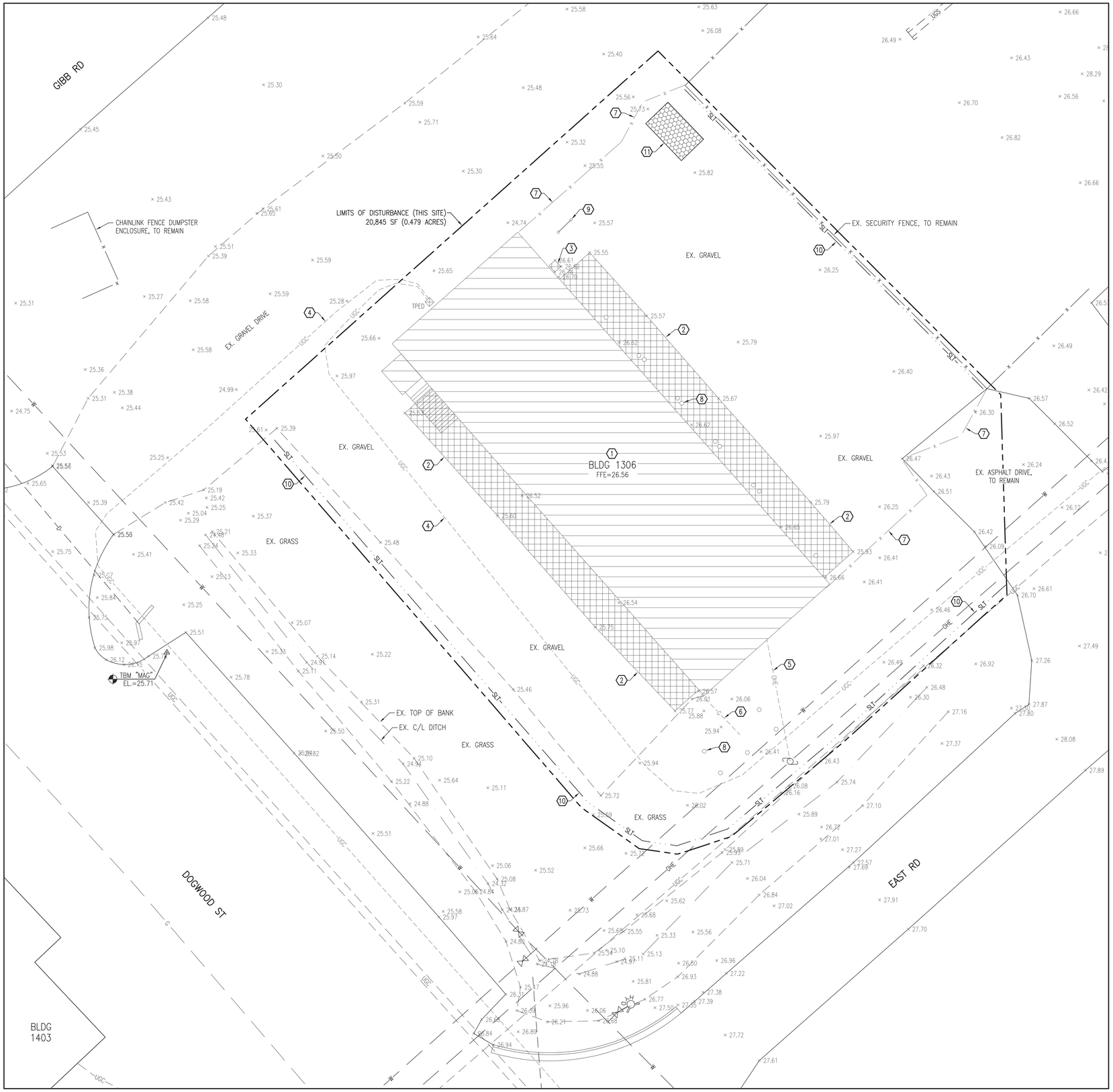
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18739 ENGINEER JOHN K. AVOLIS
10/2024

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041095
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 20 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE APRON.
3. REMOVE EXISTING CONCRETE.
4. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
5. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.
6. REMOVE EXISTING REMNANT UNDERGROUND GAS SERVICE PIPING.
7. REMOVE EXISTING SECURITY FENCE AND GATES TO EXTENTS INDICATED.
8. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 15.
9. REMOVE EXISTING EXERCISE EQUIPMENT.
10. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
11. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

BUILDING 1306 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-115

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

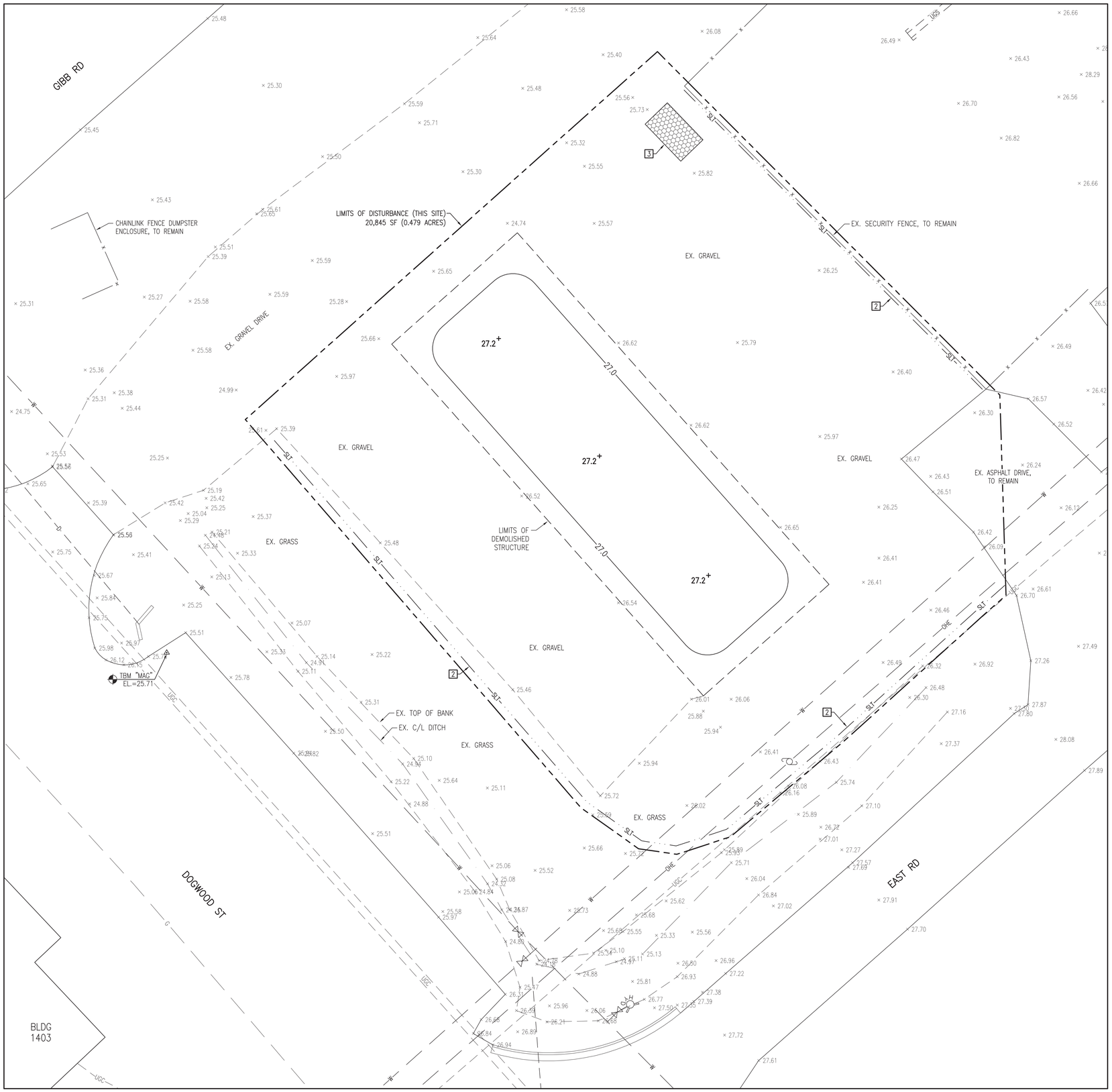
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS
10-30-2024

AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1306

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041096
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 21 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-116

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

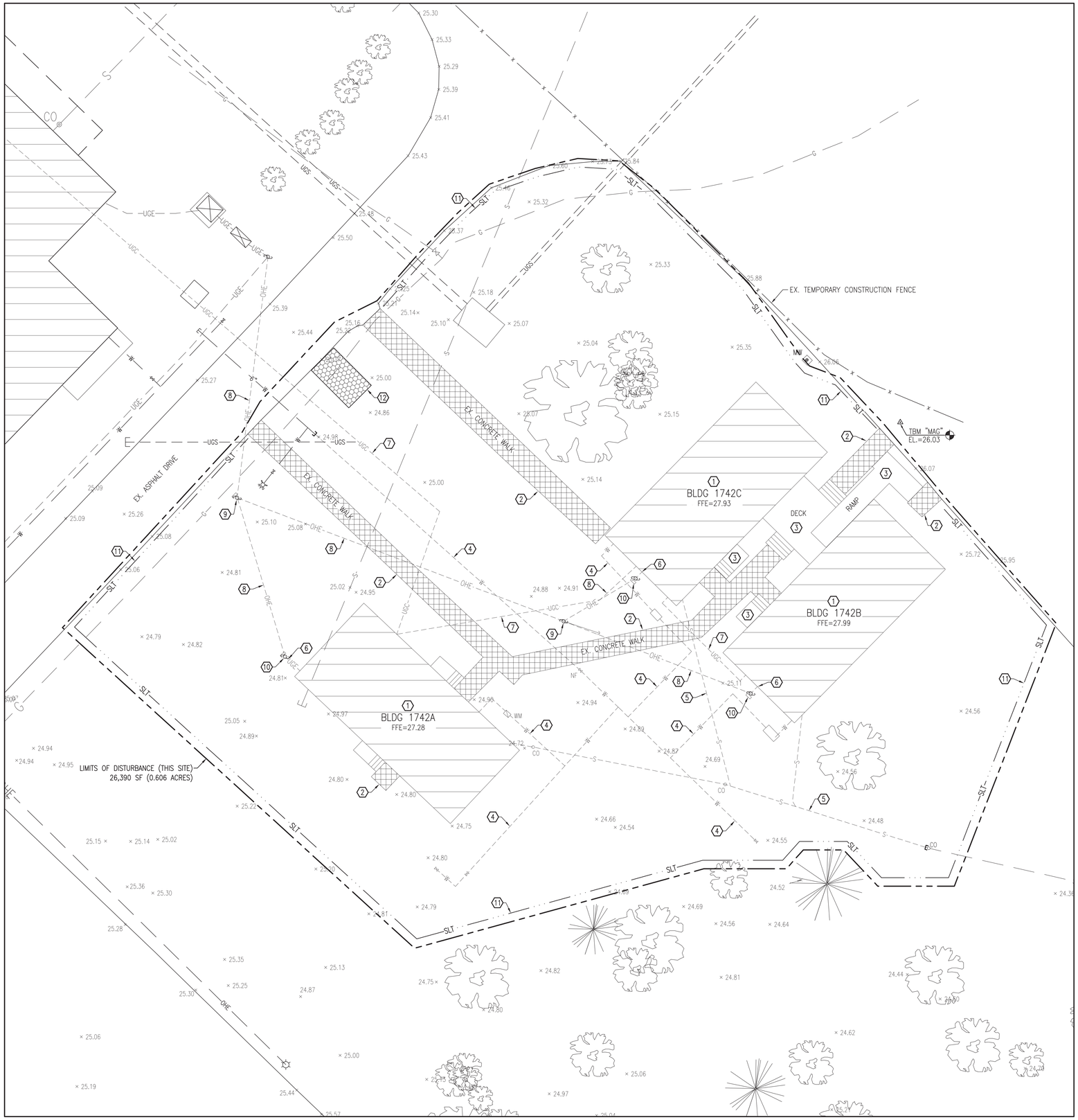
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15736 JOHN K. AVOLIS
AE PROJECT # 24014

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1306

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041097
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 22 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING DECK, STEPS, AND ACCESS RAMP SYSTEM, COMPLETE.
4. REMOVE EXISTING DOMESTIC WATER SERVICE, INCLUDING ABOVE-GRADE ENCLOSURES. CAP AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
5. REMOVE EXISTING SEWER SERVICE. CAP AT POINT SHOWN. SEE DETAIL C, SHEET CU501.
6. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
7. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
8. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.
9. REMOVE EXISTING UTILITY POLE.
10. REMOVE EXISTING ELECTRIC SERVICE POLE AND PANEL(S).
11. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
12. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

NOTE:
GROUNDWATER MONITORING WELLS EXIST IN THE AREA OF WORK. EXERCISE CARE NOT TO DISTURB THESE WELLS IN any MANNER. MONITORING WELLS MUST BE PROTECTED THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY REPORT ANY DAMAGE TO THE CONTRACTING OFFICER.

BUILDING 1742A HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

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C-117

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
SEAL 15739 NORTH CAROLINA PROFESSIONAL ENGINEER JOHN K. AVOLIS
10/3/2024

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

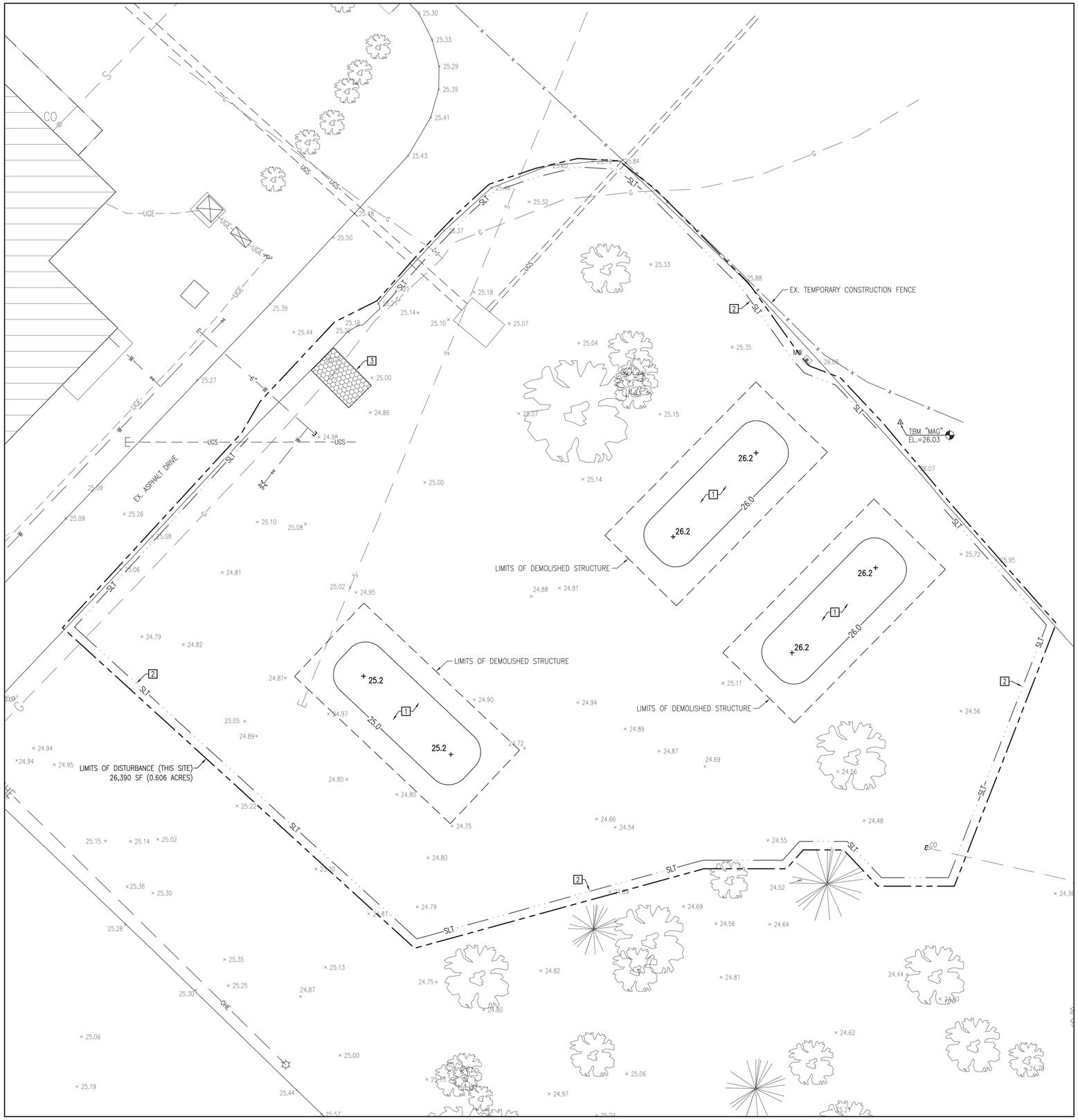
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 1742A, 1742B, 1742C

SIZE E1 | CODE IDENT. NO – | NAVFAC DRAWING NO. 60041098
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 23 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

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4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

NOTE:
GROUNDWATER MONITORING WELLS EXIST IN THE AREA OF WORK. EXERCISE CARE NOT TO DISTURB THESE WELLS IN ANY MANNER. MONITORING WELLS MUST BE PROTECTED THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY REPORT ANY DAMAGE TO THE CONTRACTING OFFICER.

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C-118

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

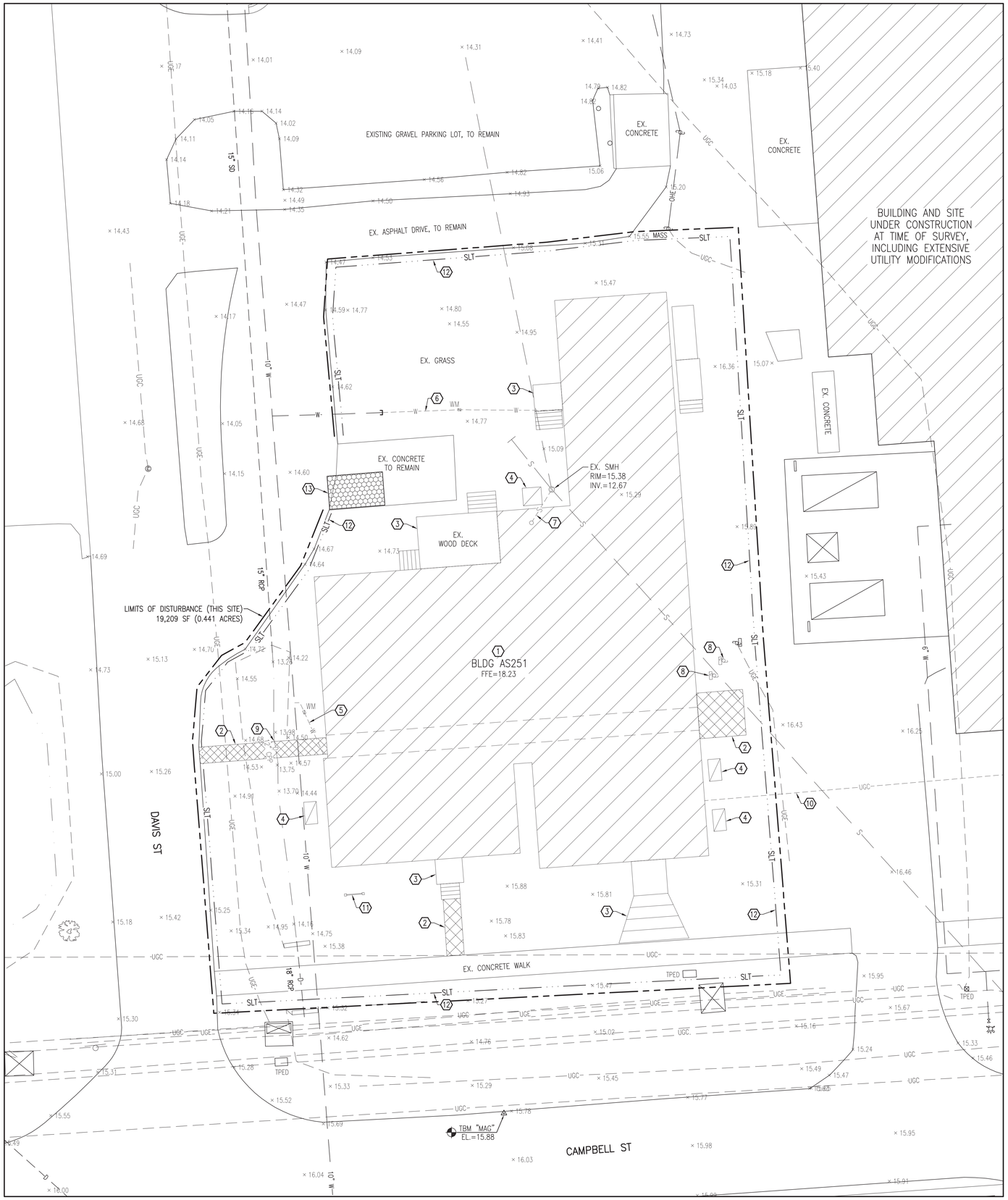
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
10/2024

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 1742A, 1742B, 1742C

AE PROJECT # 24014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041099
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 24 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING WOOD DECK AND STEPS, COMPLETE.
4. REMOVE EXISTING HVAC UNIT.
5. REMOVE EXISTING DOMESTIC WATER SERVICE. CAP AT EXISTING MAIN. SEE DETAIL D, SHEET CU501.
6. REMOVE EXISTING DOMESTIC WATER SERVICE. CAP AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
7. REMOVE EXISTING SEWER SERVICE. PLUG AT EXISTING MANHOLE. SEE DETAIL C, SHEET CU501.
8. REMOVE EXISTING SERVICE POLE, AND UNDERGROUND ELECTRIC SERVICE, IF PRESENT.
9. REMOVE EXISTING STORM DRAIN PIPE. RESTORE DITCH FLOW LINE.
10. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
11. REMOVE EXISTING SIGN.
12. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
13. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
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(252) 633-0068
LICENSE NO. C-0706

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C-119

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

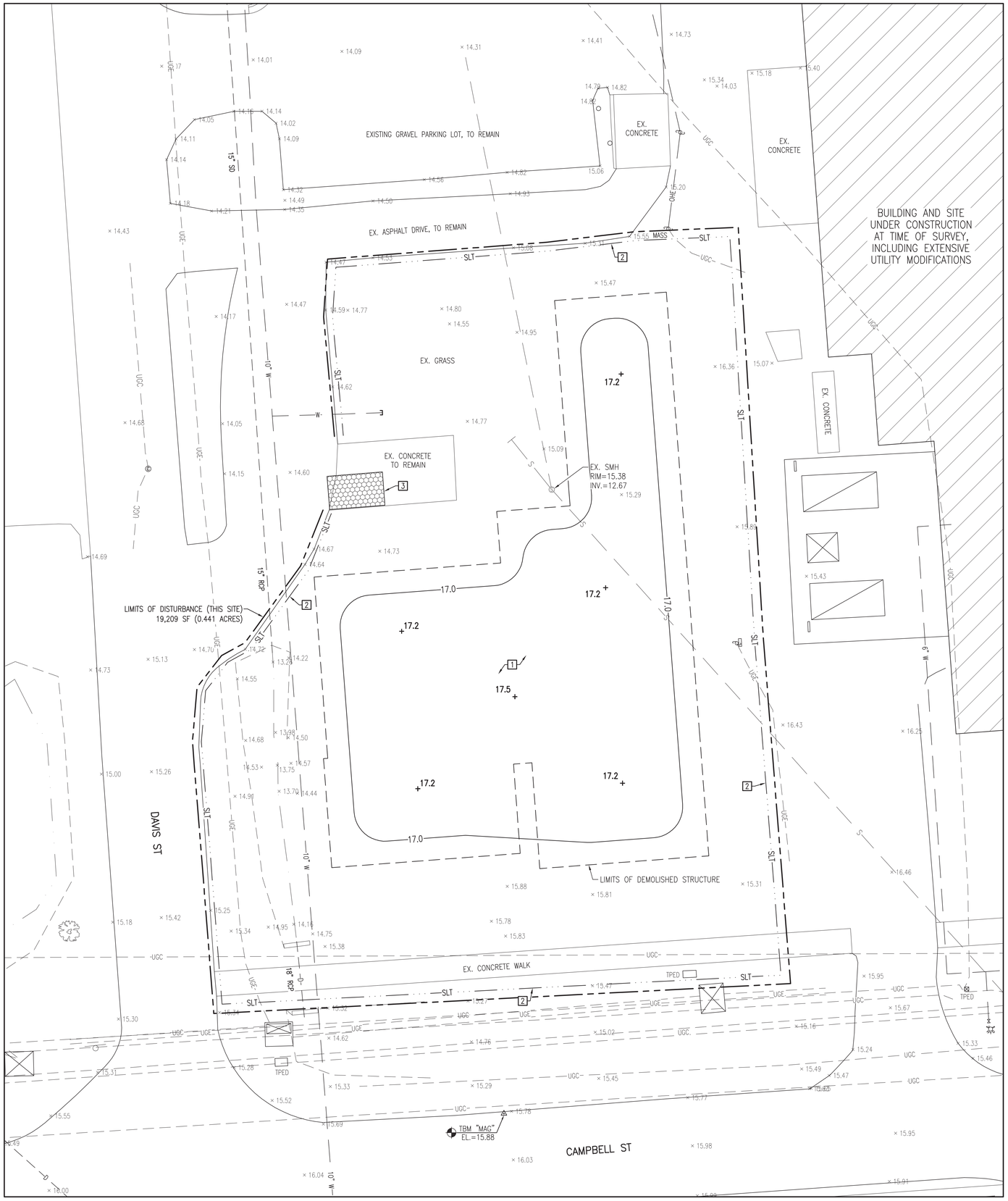
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS251

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041100
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 25 OF 114

AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-120

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

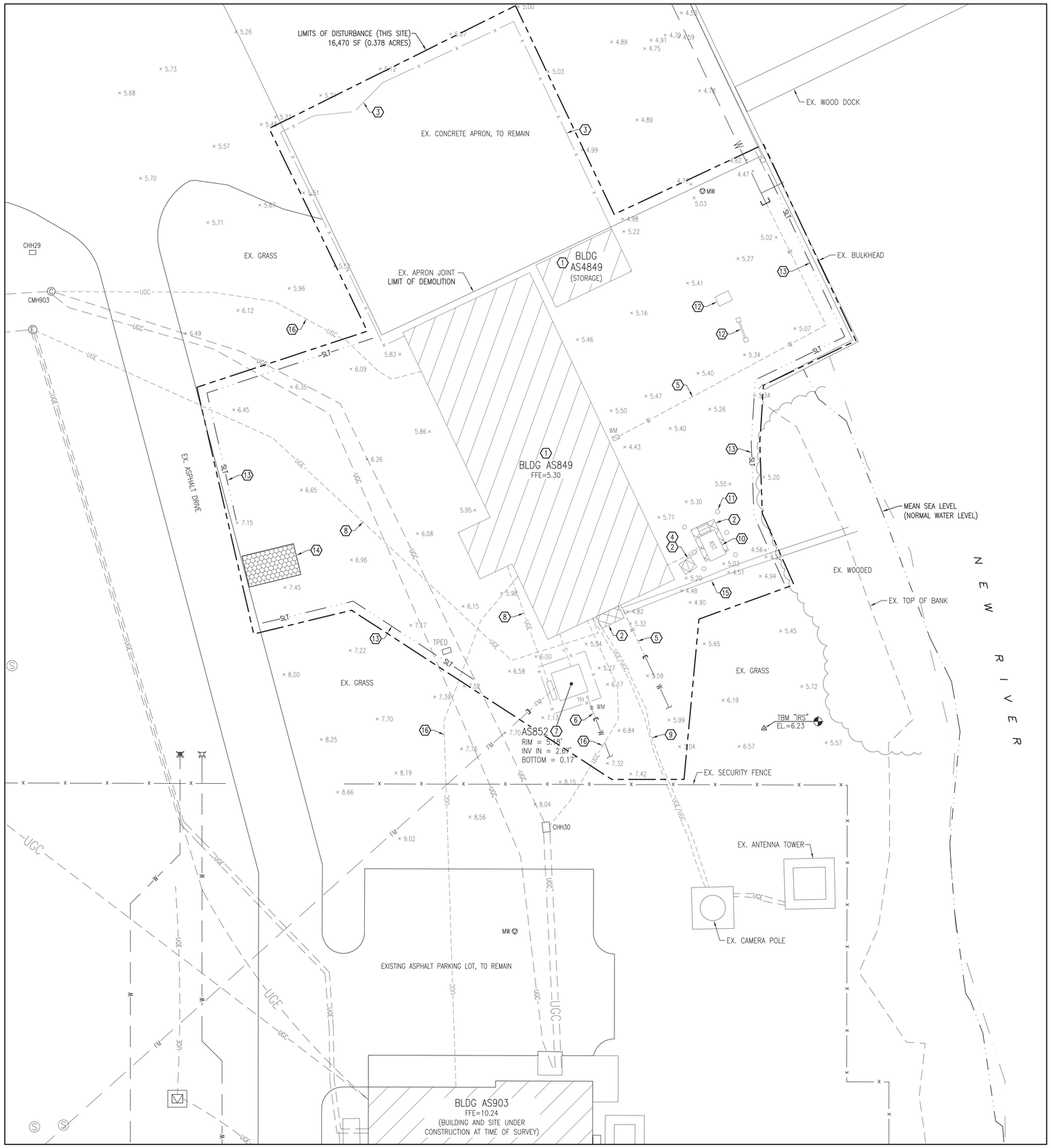
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS251

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15736 ENGINEER JOHN K. AVOLIS
10-28-24

AE PROJECT # 24014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041101
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 26 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING SECURITY FENCE AND GATES.
4. REMOVE EXISTING HVAC UNIT.
5. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
6. REMOVE EXISTING YARD HYDRANT AND UNDERGROUND WATER SERVICE. TERMINATE AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
7. REMOVE EXISTING SEWER LIFT STATION COMPLETE, INCLUDING PIT, PUMPS, PANEL, AND SERVICE TO BLDG AS849. CAP FORCE MAIN AT POINT SHOWN. SEE DETAIL C, SHEET CU501.
8. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
9. SUSPECTED POWER/COMMUNICATIONS TO CAMERA POLE – APPEARS TO HAVE BEEN DISCONNECTED PRIOR TO SURVEY. VERIFY CONNECTION/ACTIVITY STATUS BEFORE DEMOLITION.
10. REMOVE EXISTING FUEL STORAGE TANK AND UNDERGROUND SERVICE PIPING.
11. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 6.
12. REMOVE EXISTING EXERCISE EQUIPMENT.
13. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
14. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.
15. REMOVE EXISTING CONCRETE-LINED DITCH.
16. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.

DEMOLITION OF BLDG AS849 MAY RESULT IN DISCONNECTION OF ELECTRICAL/COMM. SERVICE TO CAMERA POLE

BUILDING AS849 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING AS849 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-121

Digitally signed by John K Avolis
SEAL 15738 NORTH CAROLINA PROFESSIONAL ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Land Runners Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

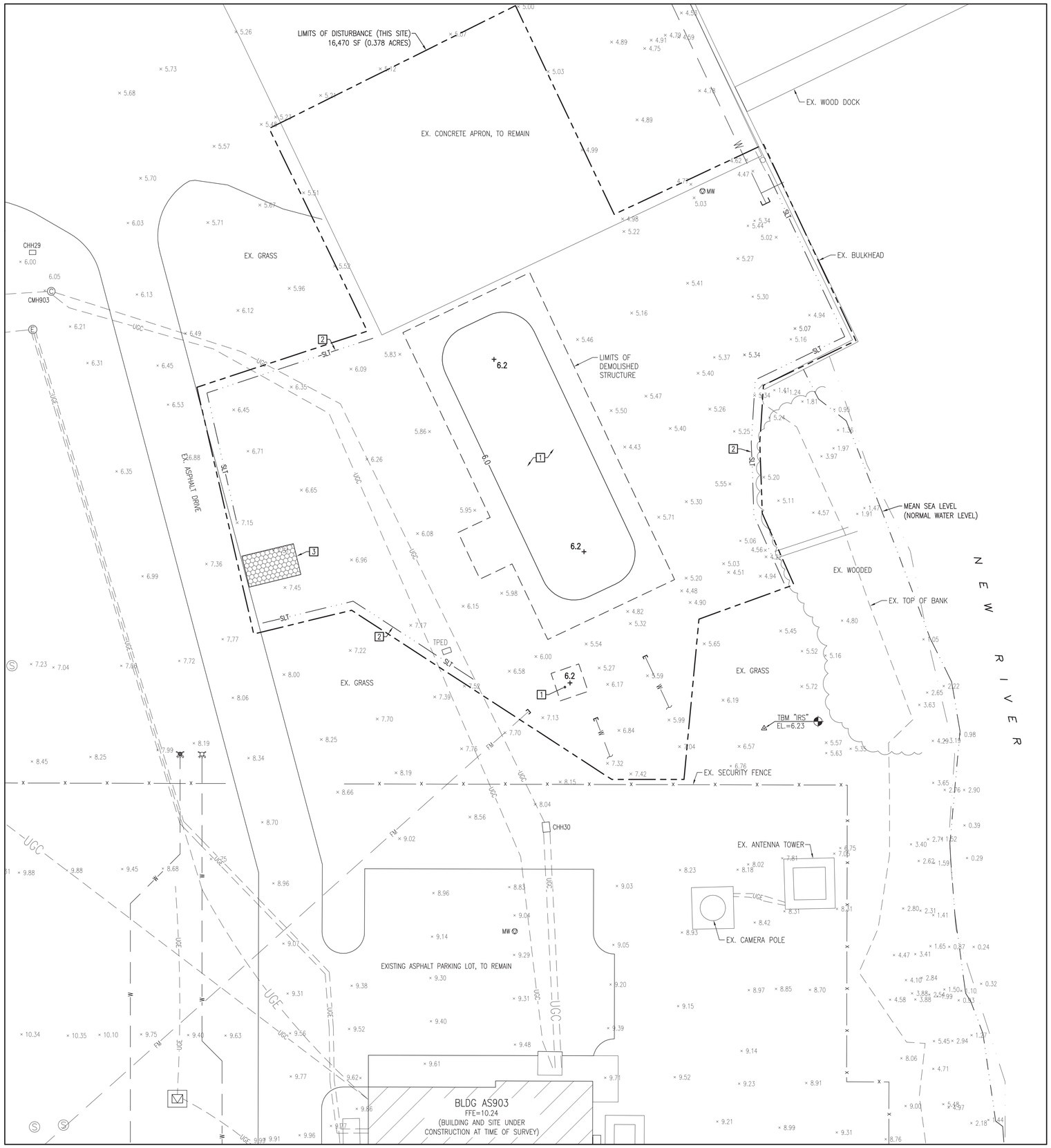
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES AS849, AS852

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041102

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 27 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

DEMOLITION OF BLDG AS849 MAY RESULT IN DISCONNECTION OF ELECTRICAL/COMM. SERVICE TO CAMERA POLE

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis

SEAL 15738 JOHN K. AVOLIS REGISTERED PROFESSIONAL ENGINEER

AE PROJECT # 24014

DISCLOSURE OF INFORMATION
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C-122

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel: 757-474-0813 fax: 757-474-0919

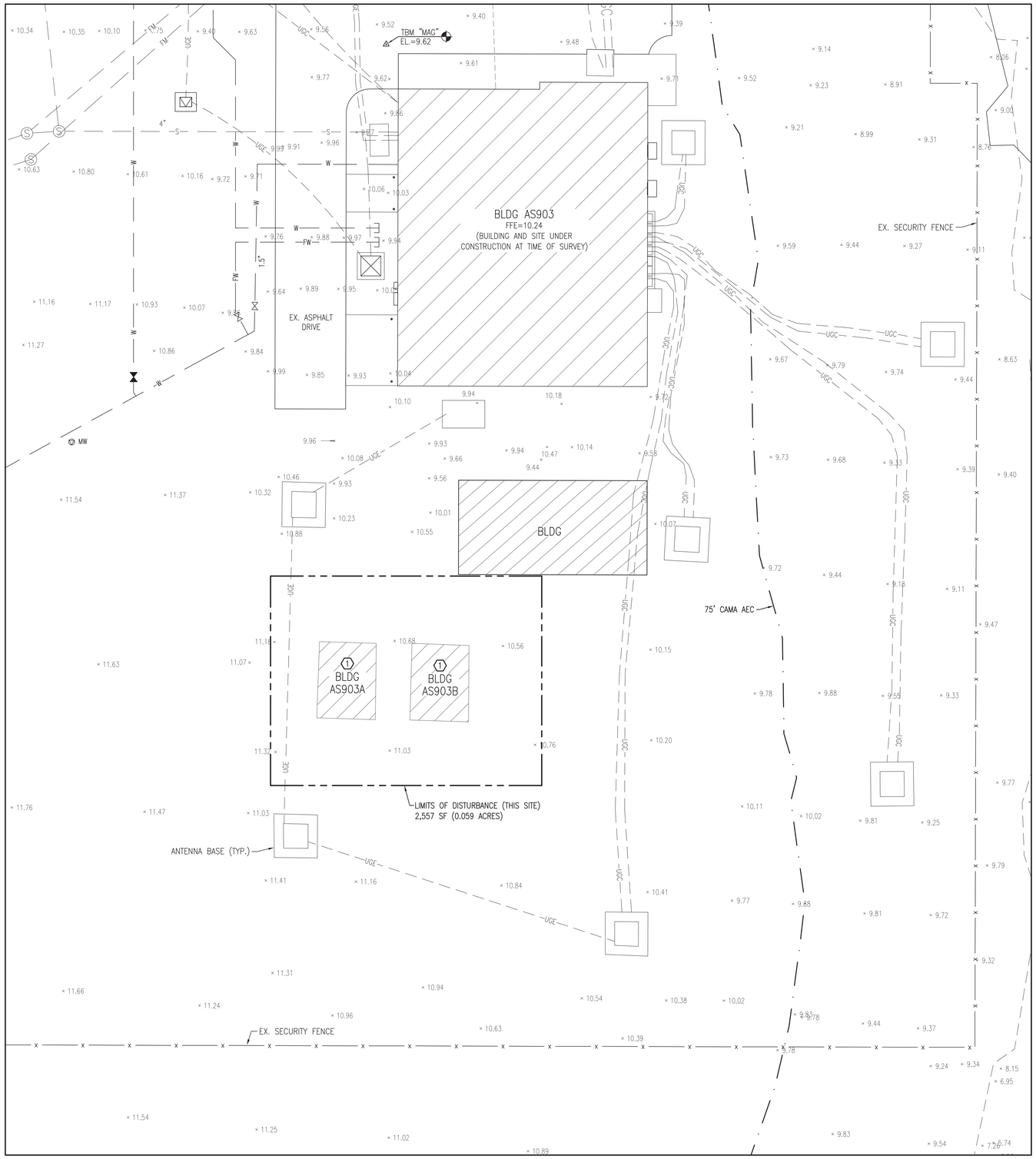
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES AS849, AS852

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041103
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 28 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

(1) DEMOLISH EXISTING BUILDING – SEE PHOTOGRAPHS, THIS SHEET.

SITE PHOTOS - AS903A, AS903B

NO SCALE

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15739 JOHN K. AVOLIS
AE PROJECT # 24014

DISCLOSURE OF INFORMATION

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C-123

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES AS903A, AS903B

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041104
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 29 OF 114

SYM	REVISIONS	DATE	APPROVED

GENERAL CONSTRUCTION NOTES:

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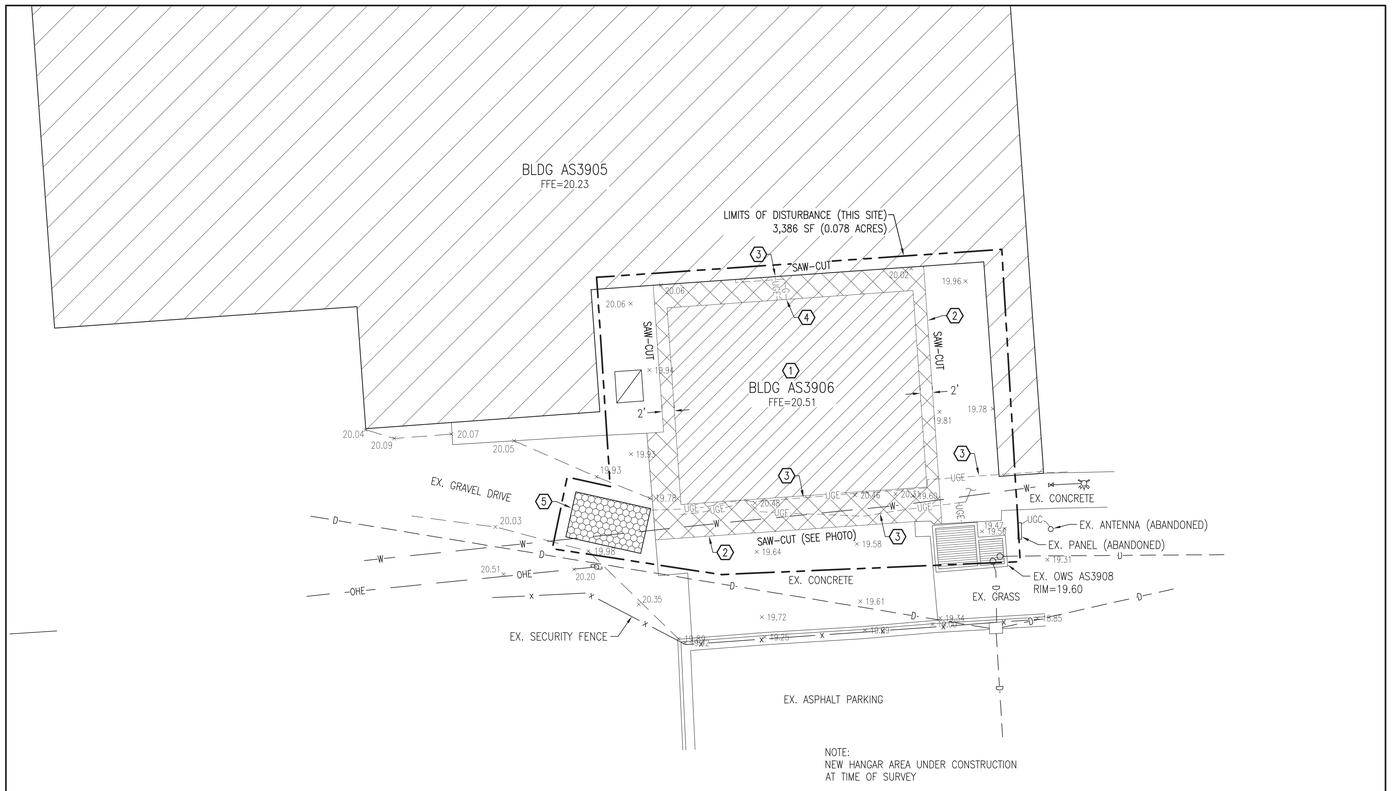
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING, SEE STRUCTURAL PLANS.
2. SAW-CUT AND REMOVE EXISTING CONCRETE TO LIMITS SHOWN.
3. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE. SEE NOTE, THIS SHEET.
4. REMOVE EXISTING GAS SERVICE. COORDINATE WITH UTILITY PURVEYOR AND CONTRACTING OFFICER.
5. INSTALL GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG501.

DEMOLITION OF BLDG AS3906 MAY RESULT IN DISCONNECTION OF ELECTRICAL SERVICE TO OWS AS3908



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

SITE PHOTO - AS3906

NO SCALE

DISCLOSURE OF INFORMATION
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C-124

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS
10-30-2023

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3906

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041105
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 30 OF 114

SYM	REVISIONS	DATE	APPROVED

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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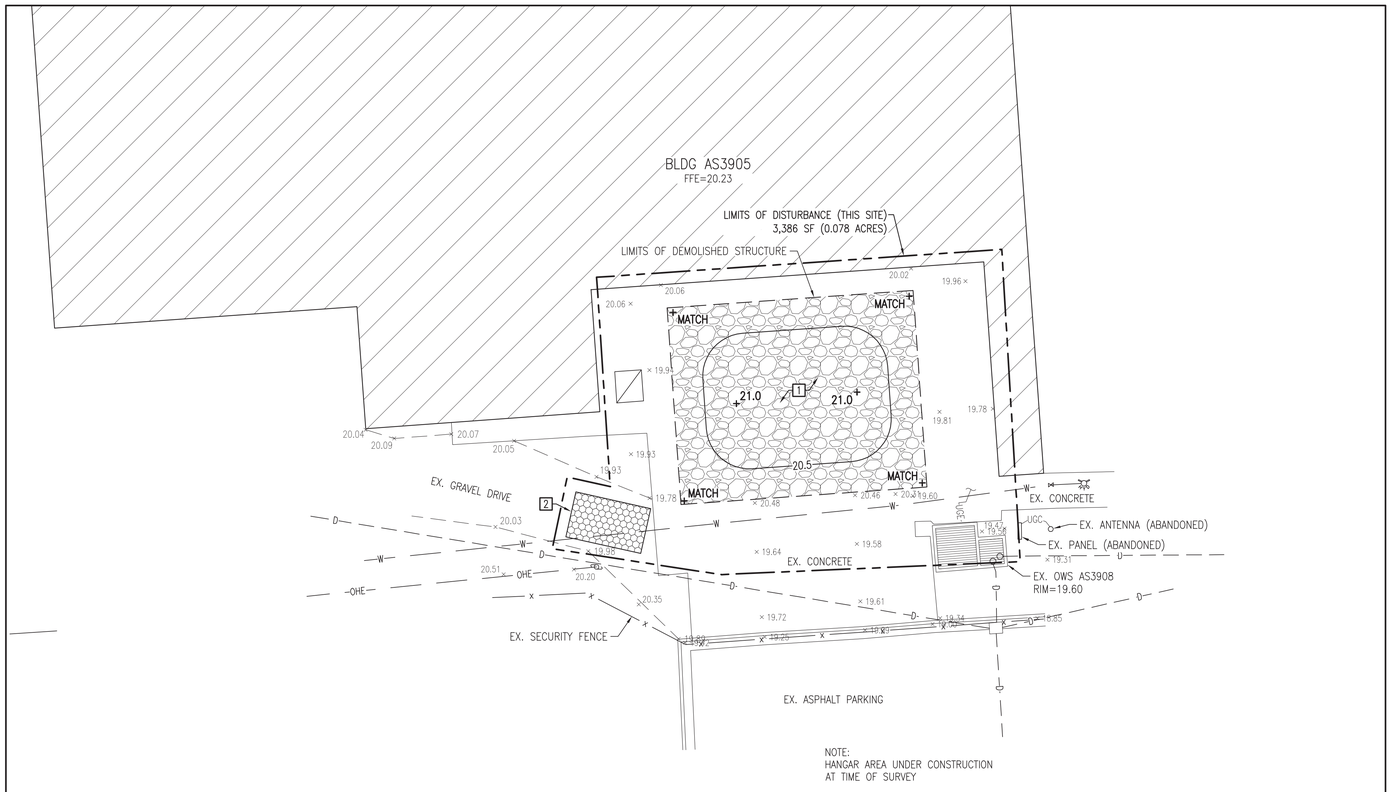
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

[1] BACKFILL TO REMOVE SIGNIFICANT VOIDS, INFILL WITH GRAVEL, GRADE TO FINISH GRADES SHOWN. SEE DETAIL D, SHEET CS501.
[2] INSTALL GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

DEMOLITION OF BLDG AS3906 MAY RESULT IN DISCONNECTION OF ELECTRICAL SERVICE TO OWS AS3908



SITE GRADING PLAN
SCALE: 1" = 10'

N

10 0 5 10 20
GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS
10/2024

AE PROJECT # 24014

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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(B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
(C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER HIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

C-125

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

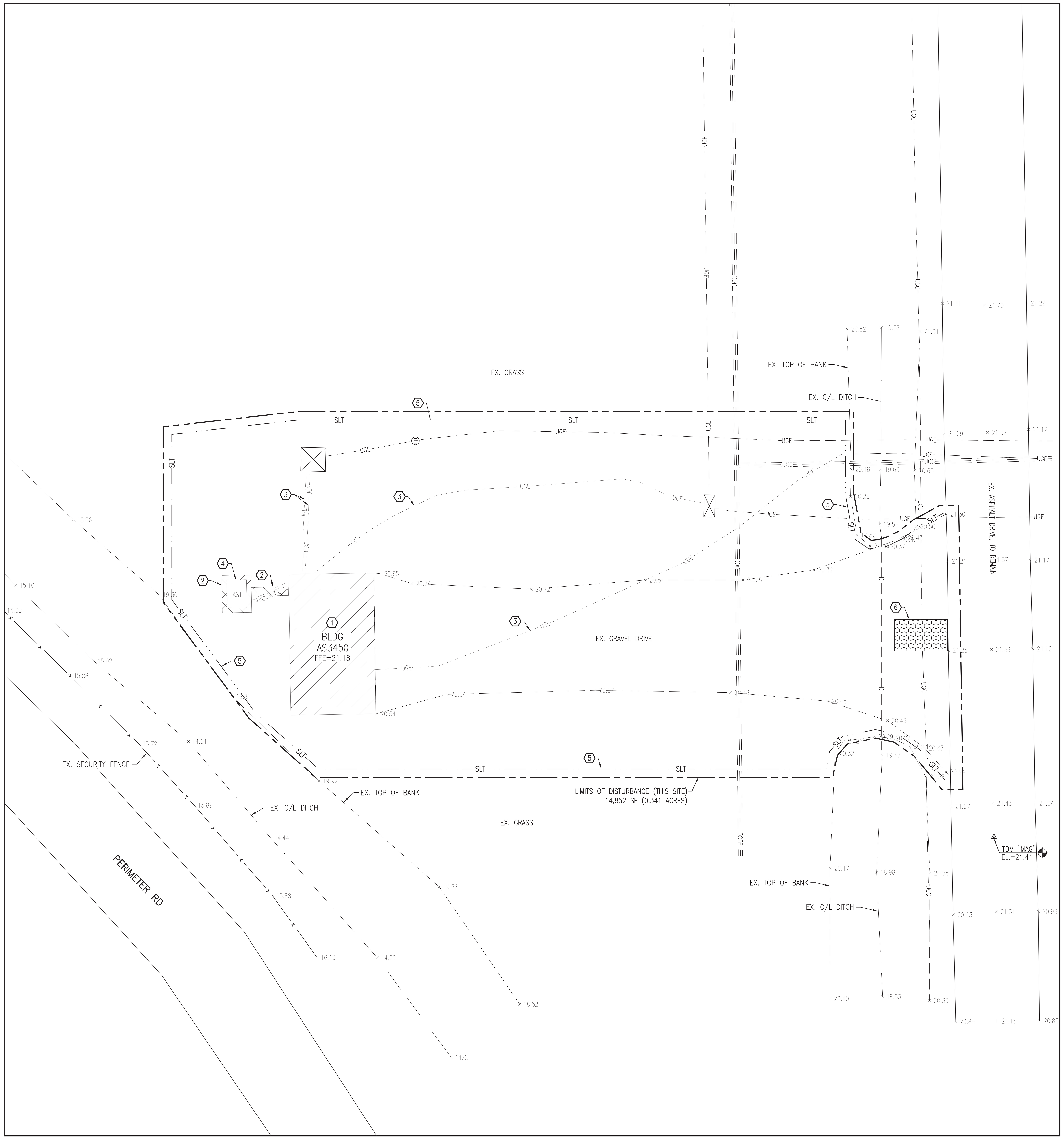
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3906

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041106
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 31 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
4. REMOVE EXISTING FUEL STORAGE TANK AND UNDERGROUND SERVICE PIPING.
5. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
6. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

BUILDING AS3450 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

DISCLOSURE OF INFORMATION
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GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS 10-30-2024

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
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tel 757-474-0612 fax 757-474-0919

C-126

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA

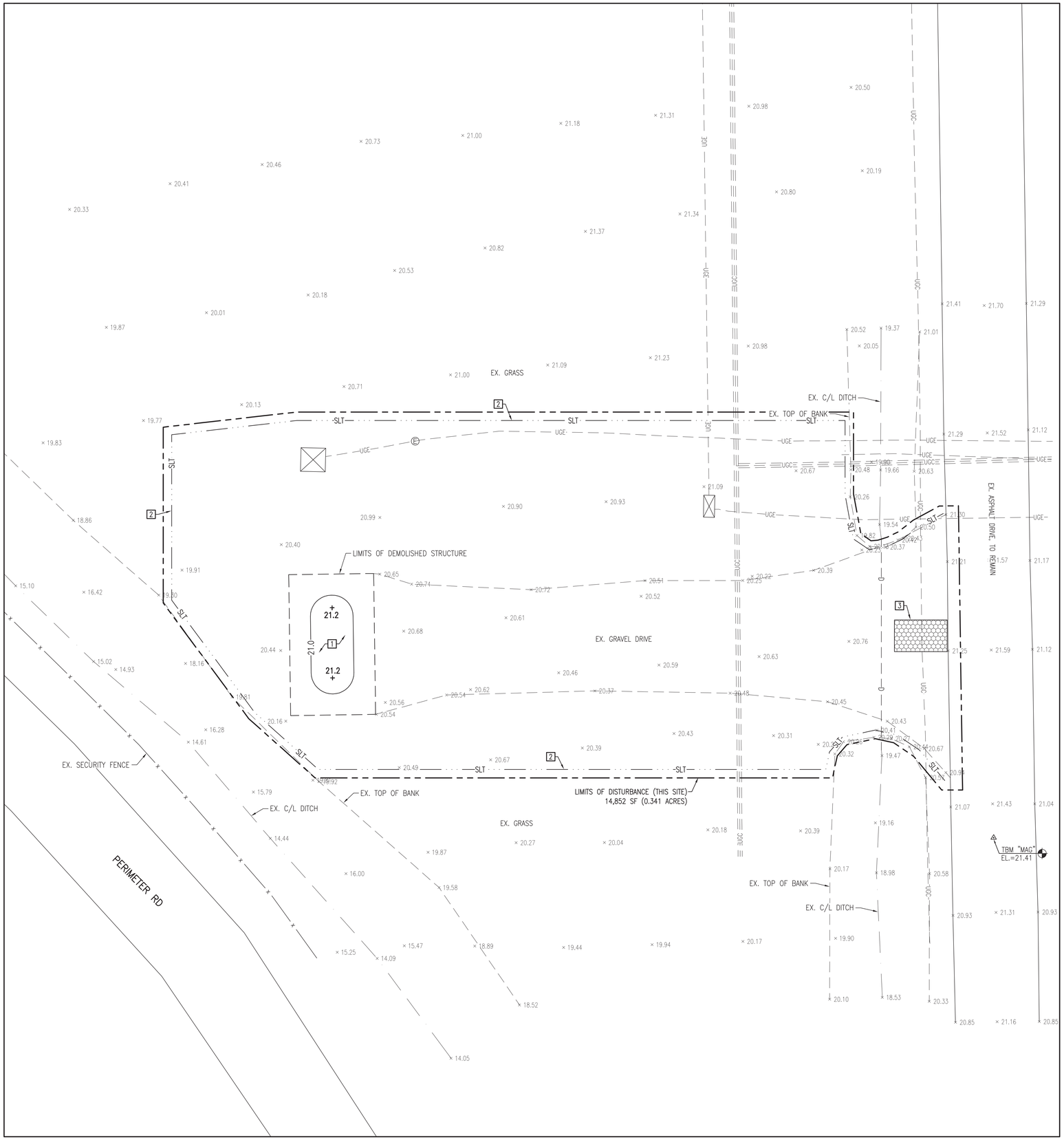
DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE AS3450

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	–	60041107
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 32 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15798 ENGINEER JOHN K. AVOLIS
10/30/2024

AE PROJECT # 24014

DISCLOSURE OF INFORMATION
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C-127

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Consulting Structural Engineers
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tel 757-474-0812 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

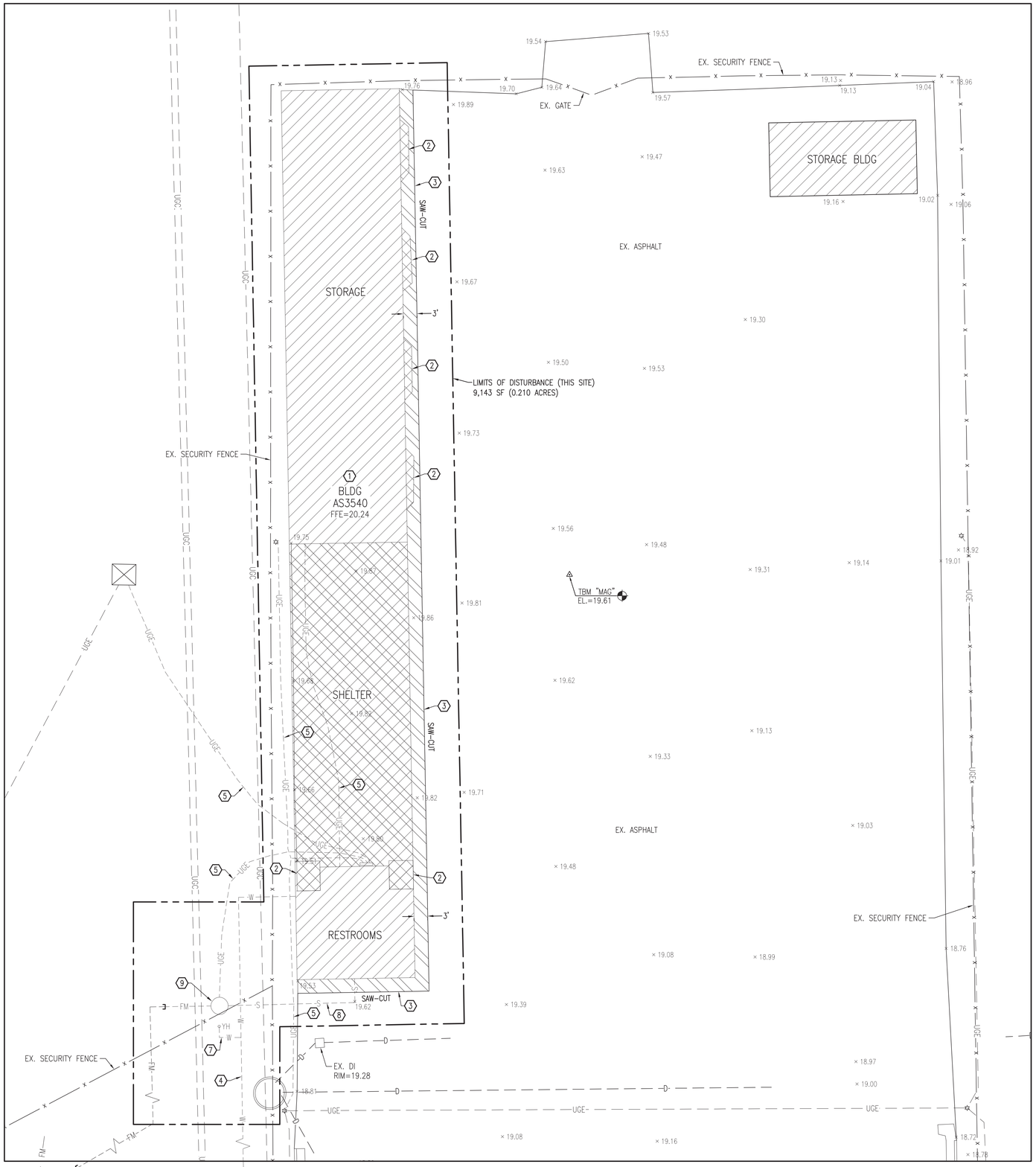
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3450

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041108
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 33 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

GRAPHIC SCALE: 1" = 10'

DEMOLITION OF BLDG AS3540 MAY RESULT IN DISCONNECTION OF ELECTRICAL SERVICE TO EXISTING SITE LIGHTING, TO REMAIN

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. SAW-CUT AND REMOVE EXISTING ASPHALT PAVEMENT AND STONE BASE.
4. REMOVE EXISTING DOMESTIC WATER SERVICE, APPROX. 505LF. TERMINATE AT EXISTING VALVE. FIELD VERIFY ROUTING. SEE DETAIL D, SHEET CU501.
5. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
6. CAP EXISTING FORCE MAIN 10' OUTSIDE EXISTING SEWER MANHOLE, PLUG EXISTING MANHOLE – SEE DETAIL C, SHEET CU501. ABANDON IN PLACE REMAINDER OF FORCE MAIN, APPROX. 400LF.
7. REMOVE EXISTING YARD HYDRANT AND UNDERGROUND WATER SERVICE.
8. REMOVE EXISTING UNDERGROUND SEWER SERVICE.
9. LOCATE AND REMOVE EXISTING LIFT STATION, COMPLETE. CAP FORCE MAIN 10' BEYOND PIT. REFERENCE NAVFAC DWG NO 4270067 & 4270068 FOR DETAILS OF LIFT STATION CONSTRUCTION.

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C-128

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0919

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K AVOLIS
AE PROJECT # 24014

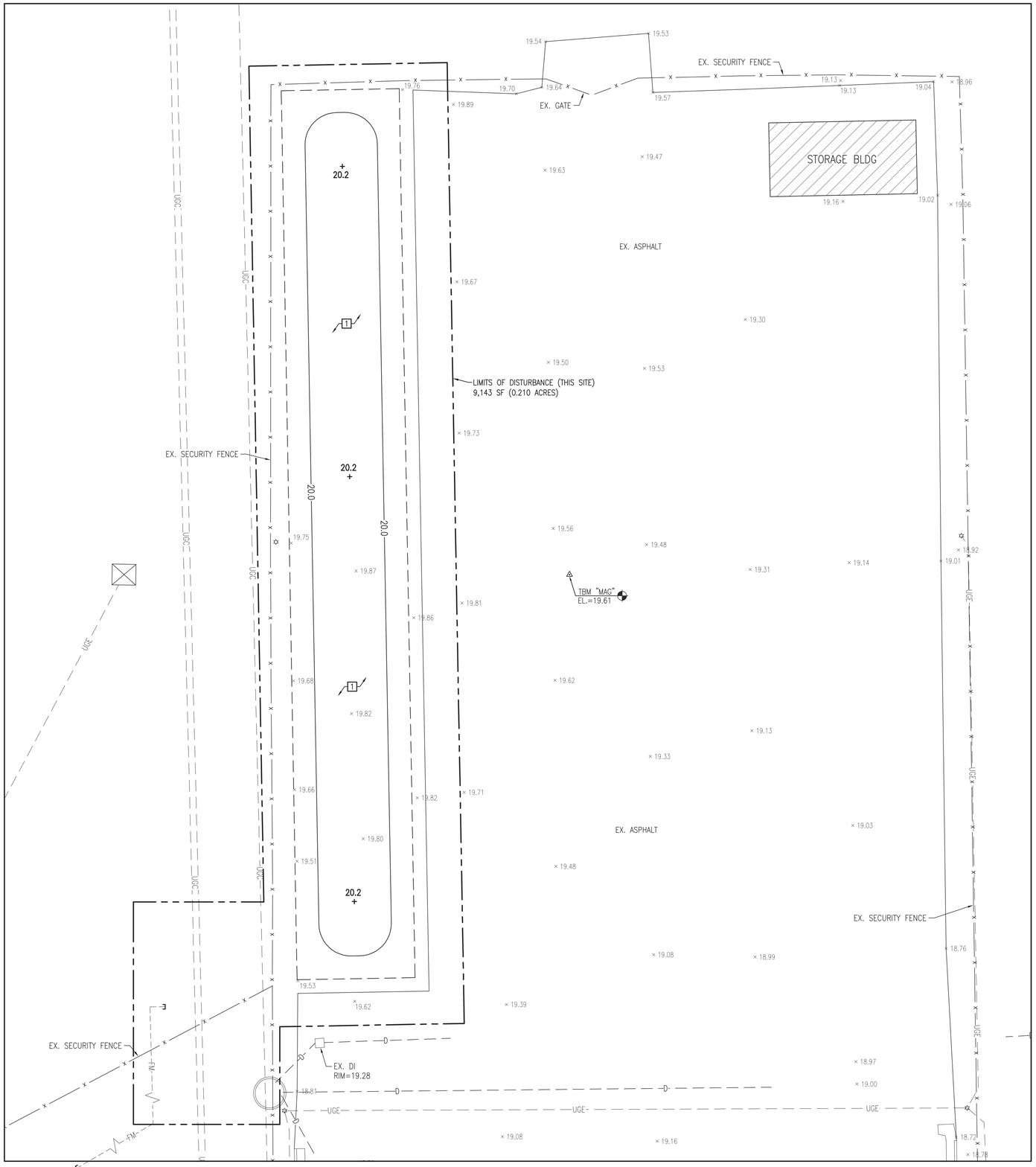
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3540

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041109
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED
SPEC. 05-23-0036
SHEET 34 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

DEMOLITION OF BLDG AS3540 MAY RESULT IN DISCONNECTION OF ELECTRICAL SERVICE TO EXISTING SITE LIGHTING, TO REMAIN

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

DISCLOSURE OF INFORMATION

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C-129

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3540

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041110
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 35 OF 114

SYM	REVISIONS	DATE	APPROVED

SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING DOMESTIC WATER SERVICE. CAP AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
3. REMOVE EXISTING SEWER SERVICE. CAP AT EXISTING MAIN. SEE DETAIL C, SHEET CU501.
4. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
5. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.
6. REMOVE EXISTING UTILITY POLE.
7. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
8. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
9. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

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C-130

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tel 757-474-0813 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15736 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3990

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041111
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 36 OF 114

SYM	REVISIONS	DATE	APPROVED

SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15736 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-131

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

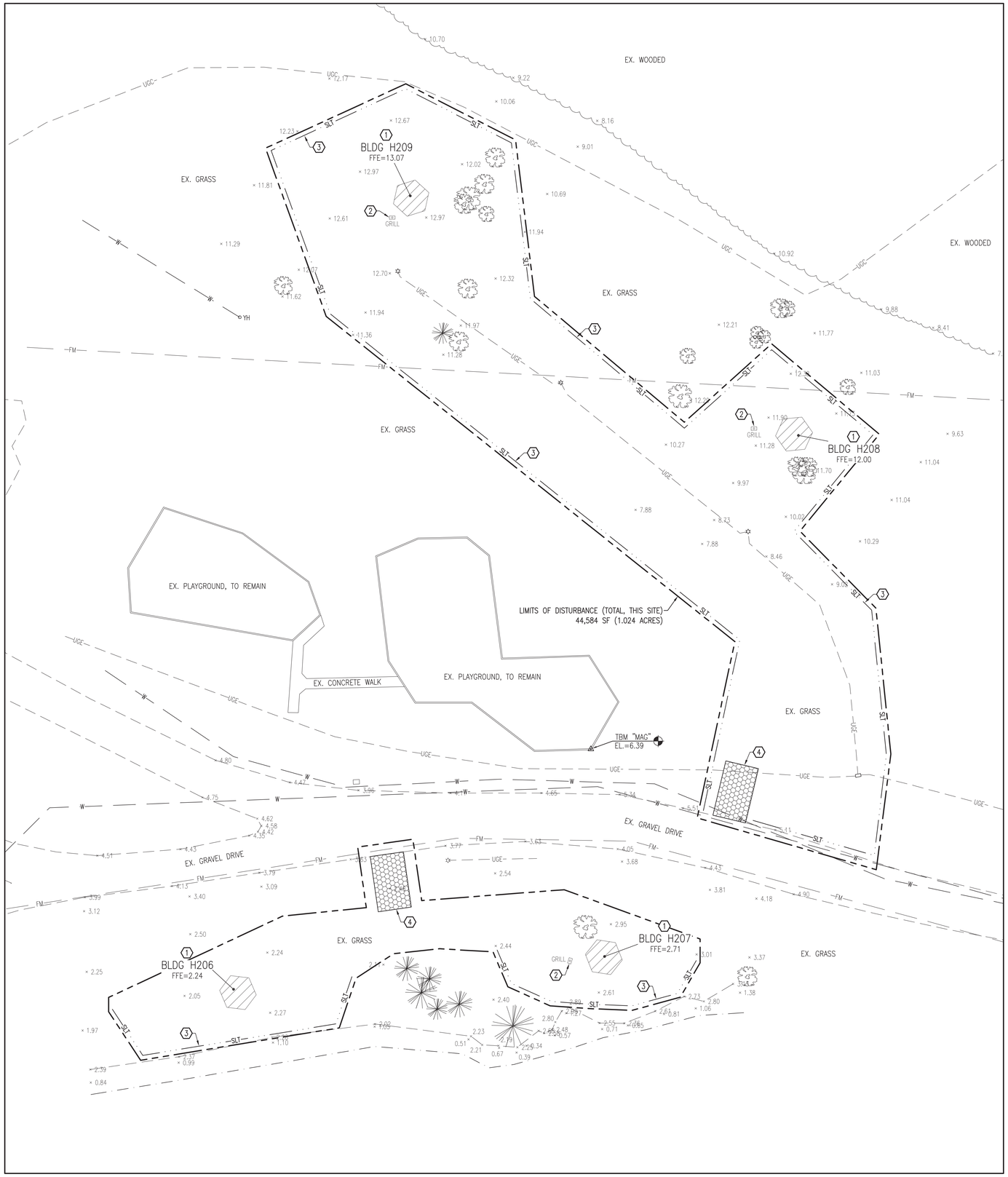
DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3990

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041112
		CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 37 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 20'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING FIXED BBQ GRILL.
3. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
4. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE PHOTOS - H207 (OTHER STRUCTURES SIMILAR)

NO SCALE

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-132

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

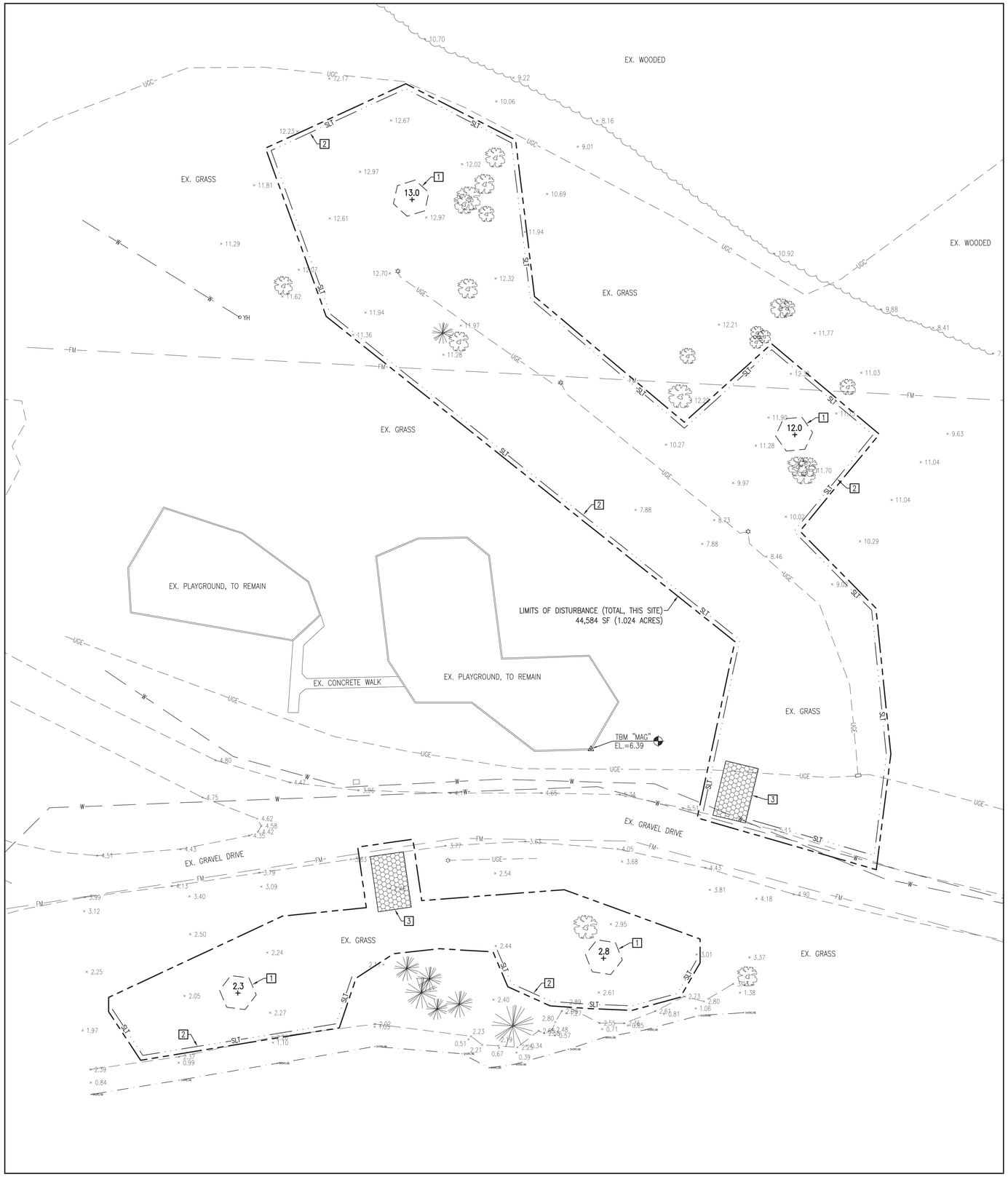
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES H206, H207, H208, H209

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041113
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 38 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 20'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CC503.

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C-133

20 0 10 20 40

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

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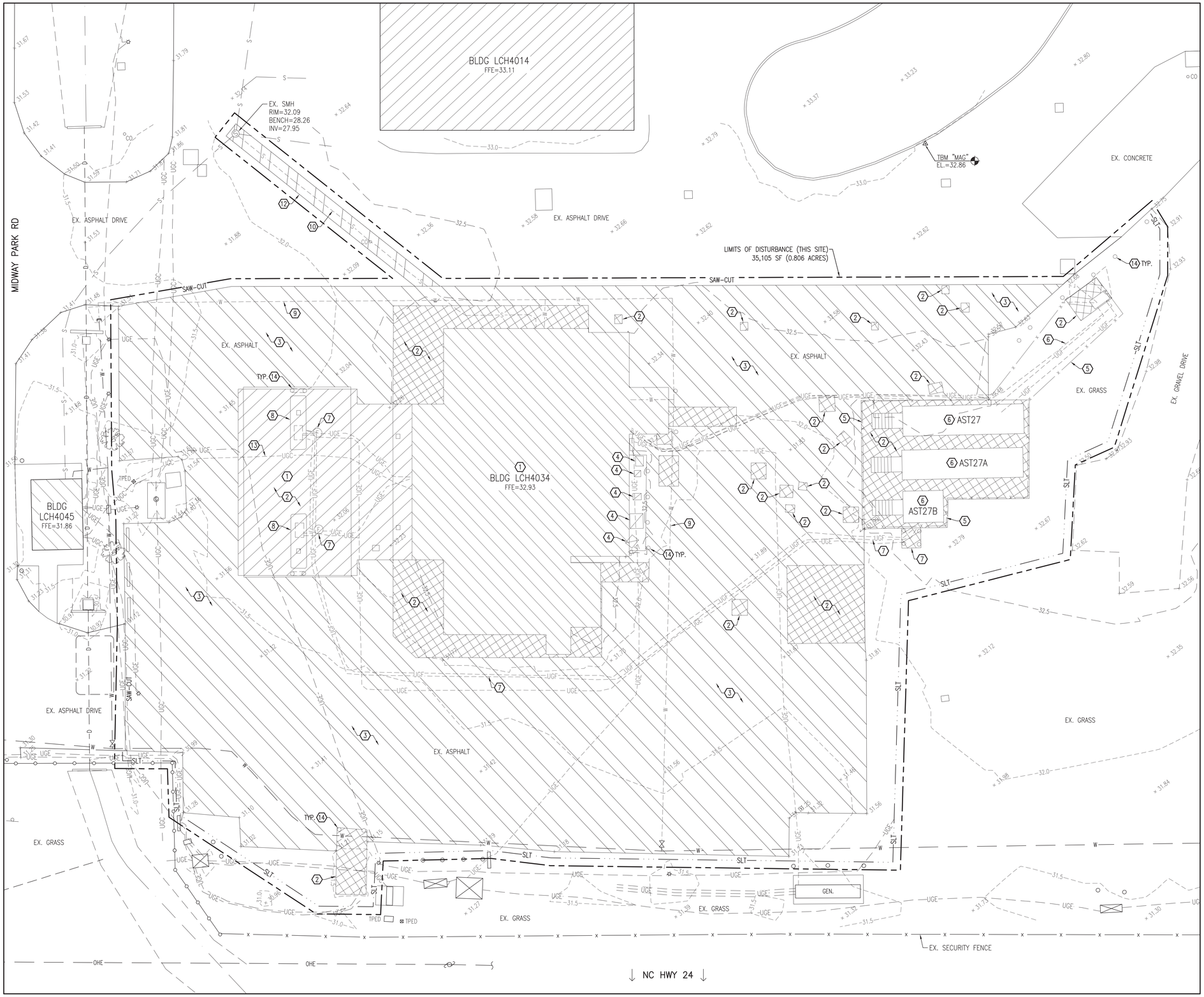
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES H206, H207, H208, H209

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041114
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 39 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
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LICENSE NO. C-0706

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. SAW-CUT AND REMOVE EXISTING ASPHALT PAVEMENT AND STONE BASE.
4. REMOVE EXISTING HVAC UNIT.
5. REMOVE EXISTING SECURITY FENCE AND GATES.
6. REMOVE EXISTING FUEL STORAGE TANK AND UNDERGROUND SERVICE PIPING.
7. REMOVE EXISTING FUEL PIPING AND VAULTS, COMPLETE.
8. REMOVE EXISTING FUEL ISLANDS AND PUMPS, COMPLETE.
9. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT EXISTING VALVE. SEE DETAIL D, SHEET CU501.
10. REMOVE EXISTING SEWER SERVICE. PLUG AT EXISTING MANHOLE. SEE DETAIL C, SHEET CU501.
11. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
12. CUT AND PATCH EXISTING ASPHALT PAVEMENT TO FACILITATE UTILITY REMOVAL. SEE DETAIL B, SHEET CS501.
13. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
14. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 22, THIS SITE.
15. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

BUILDING LCH4034 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

NOTE:
GROUNDWATER MONITORING WELLS EXIST IN THE AREA OF WORK. EXERCISE CARE NOT TO DISTURB THESE WELLS IN ANY MANNER. MONITORING WELLS MUST BE PROTECTED THROUGHOUT CONSTRUCTION ACTIVITIES. IMMEDIATELY REPORT ANY DAMAGE TO THE CONTRACTING OFFICER.

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C-134

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tel 757-474-0813 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
10-28-24

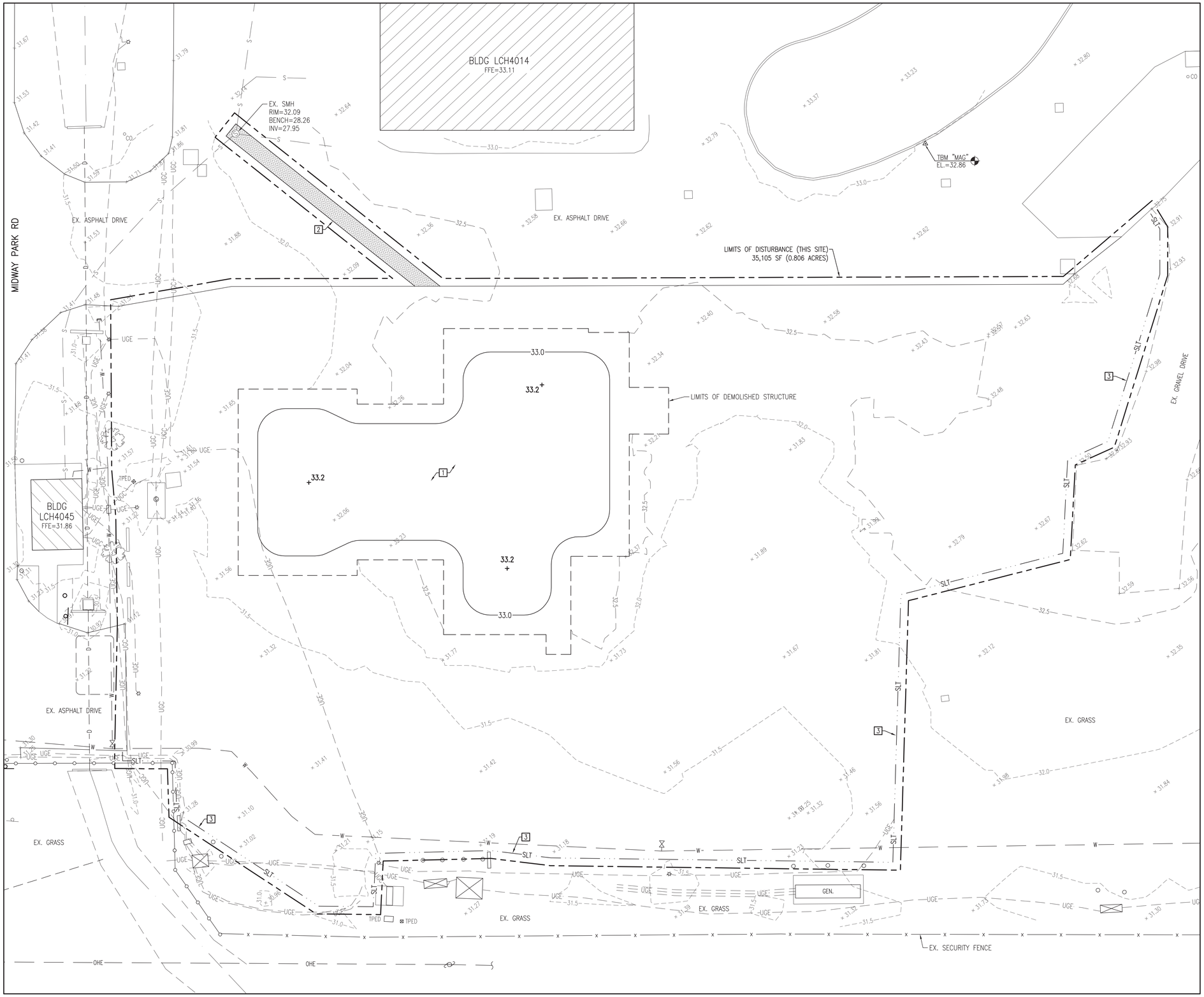
AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES LCH4034, AST27, AST27A, AST27B

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041115
		CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 40 OF 114

SYM	REVISIONS	DATE	APPROVED



↓ NC HWY 24 ↓

SITE GRADING PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. CUT AND PATCH EXISTING ASPHALT PAVEMENT TO FACILITATE UTILITY REMOVAL. SEE DETAIL B, SHEET CS501.
3. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

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C-135

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

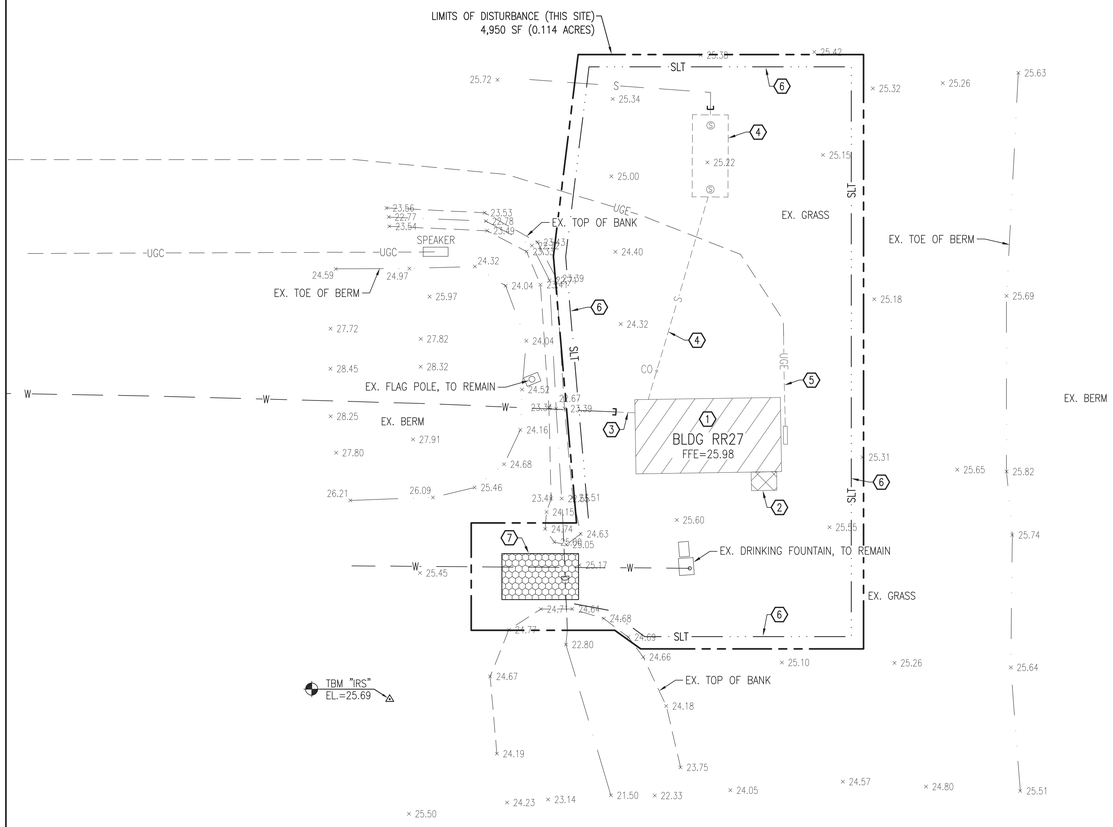
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
10-3-2024

AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES LCH4034, AST27, AST27A, AST27B

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041116
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 41 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

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DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
4. REMOVE EXISTING SEWER SERVICE AND SEPTIC TANK COMPLETE – LEECH FIELD TO REMAIN. CAP OUTLET PIPING AS INDICATED.
5. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
6. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
7. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

BUILDING RR27 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING RR27 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

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C-136

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tel 757-474-0612 fax 757-474-0919

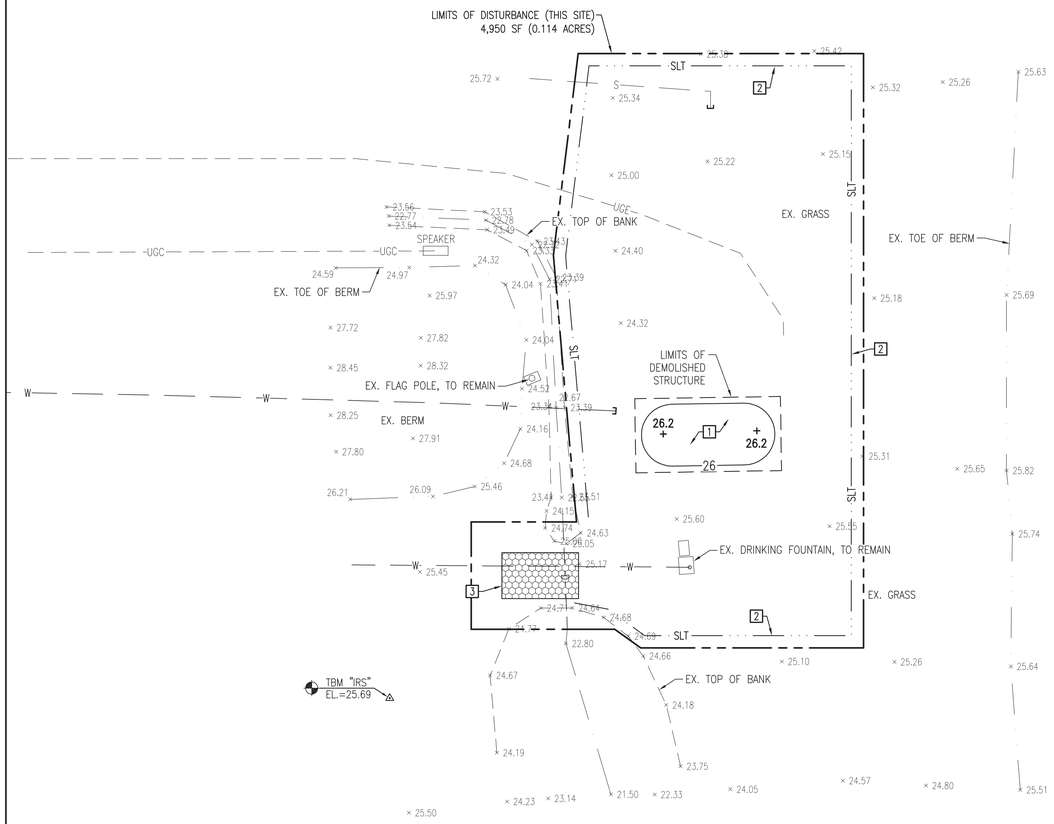
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR27

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041117
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 42 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
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C-137

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

APPROVED: PWO OR OICC DATE

SATISFACTORY TO: DATE

AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR27

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041118
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 43 OF 114

SYM	REVISIONS	DATE	APPROVED

SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CC501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
4. REMOVE EXISTING SEWER SERVICE AND SEPTIC TANK COMPLETE – LEECH FIELD TO REMAIN. CAP OUTLET PIPING AS INDICATED.
5. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
6. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.
7. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CC503.

BUILDING RR28 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING RR28 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

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C-138

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0008
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 16738 ENGINEER JOHN K. AVOLIS
10-30-2024

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

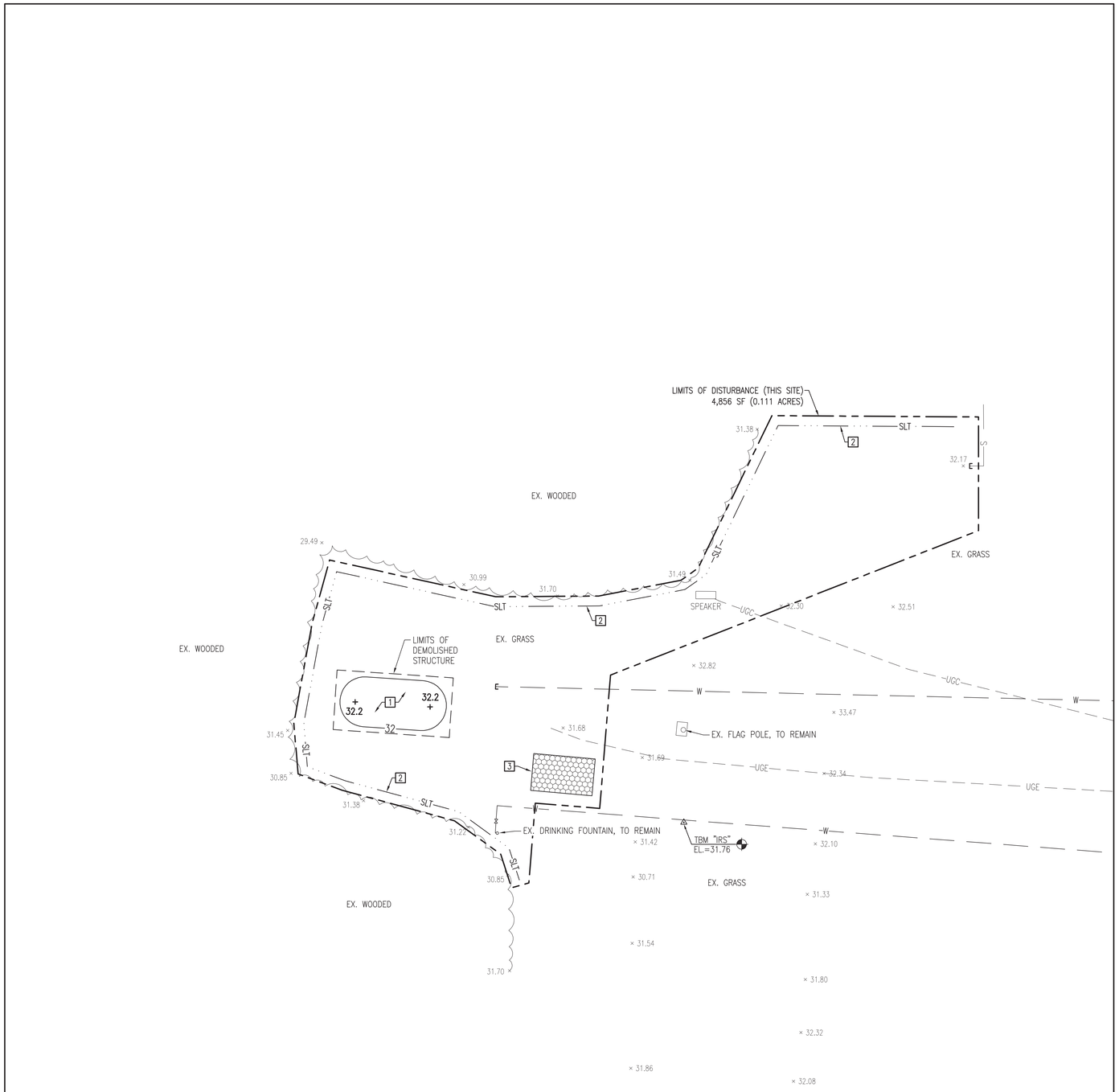
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR28

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	–	60041119
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 44 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

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C-139

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

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NEW BERN, NC 28561
(252) 633-0008
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS
10-30-2024

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

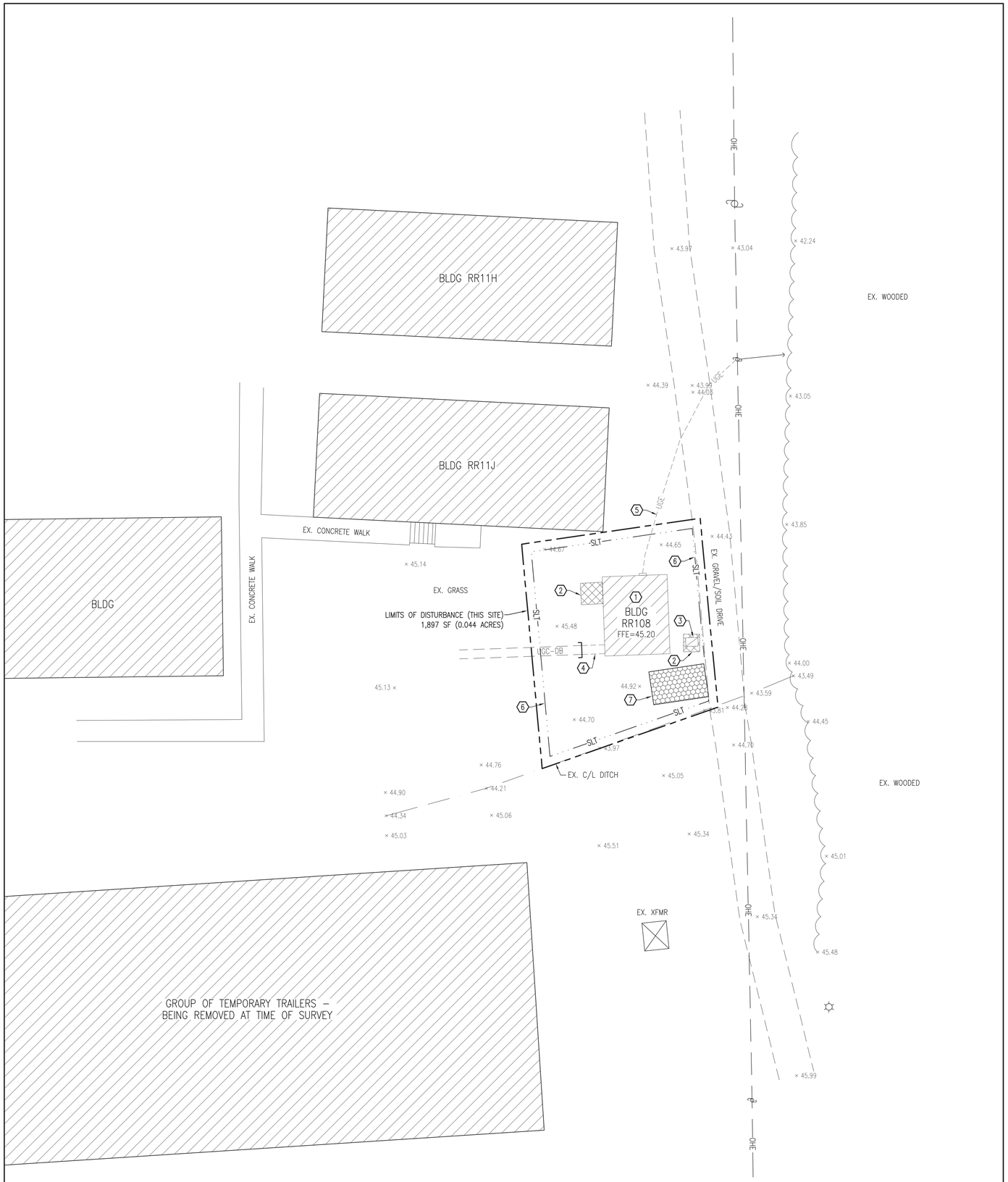
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR28

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041120
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 45 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING HVAC UNIT.
4. REMOVE EXISTING ABANDONED COMMUNICATIONS DUCT BANK TO POINT INDICATED.
5. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
6. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.
7. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CC503.

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C-140

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR108

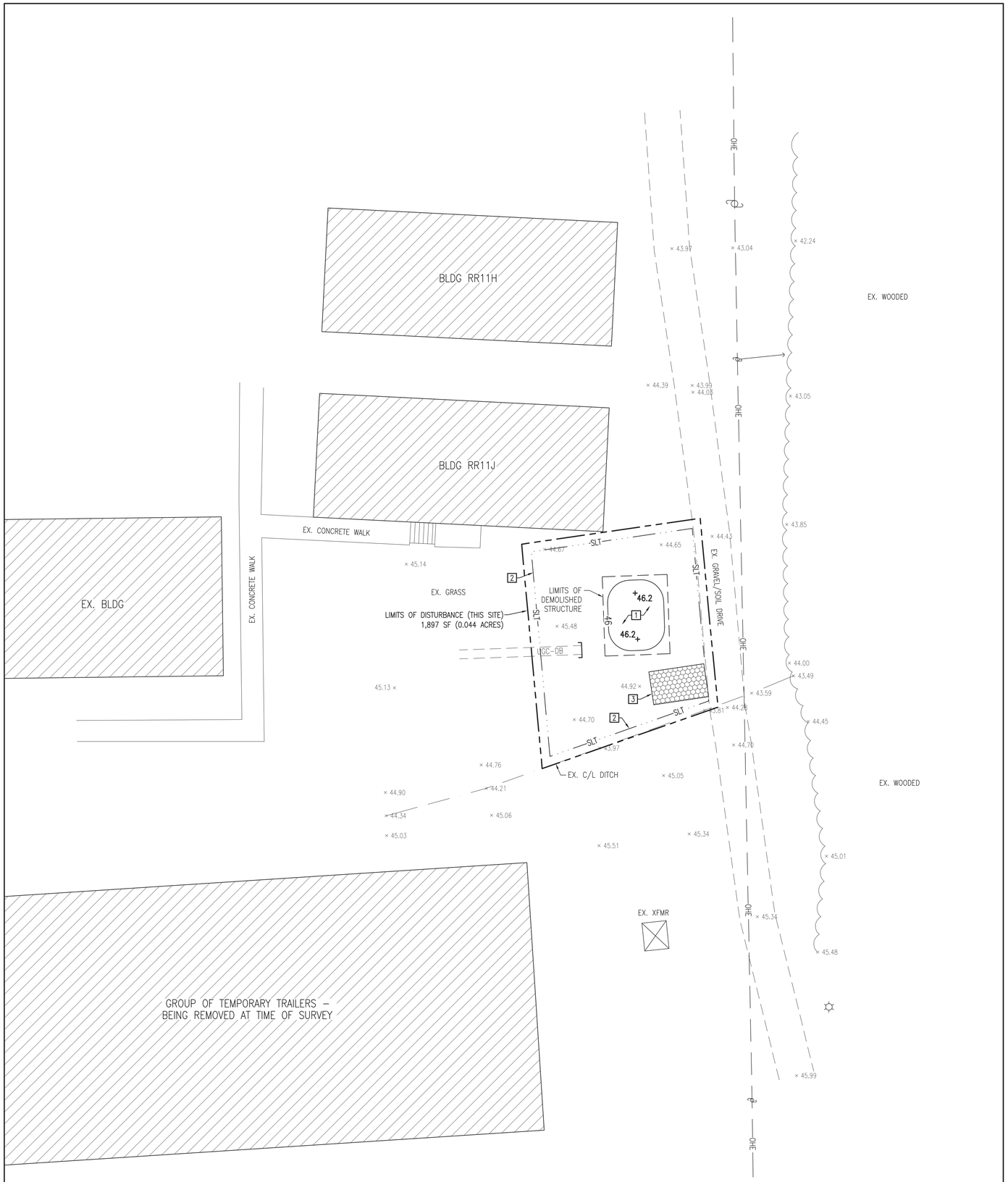
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041121

CONST. CONTR. NO. N40085-23-B-0036

AE PROJECT # 24014

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 46 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

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NEW BERN, NC 28561
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LICENSE NO. C-0706

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C-141

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Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

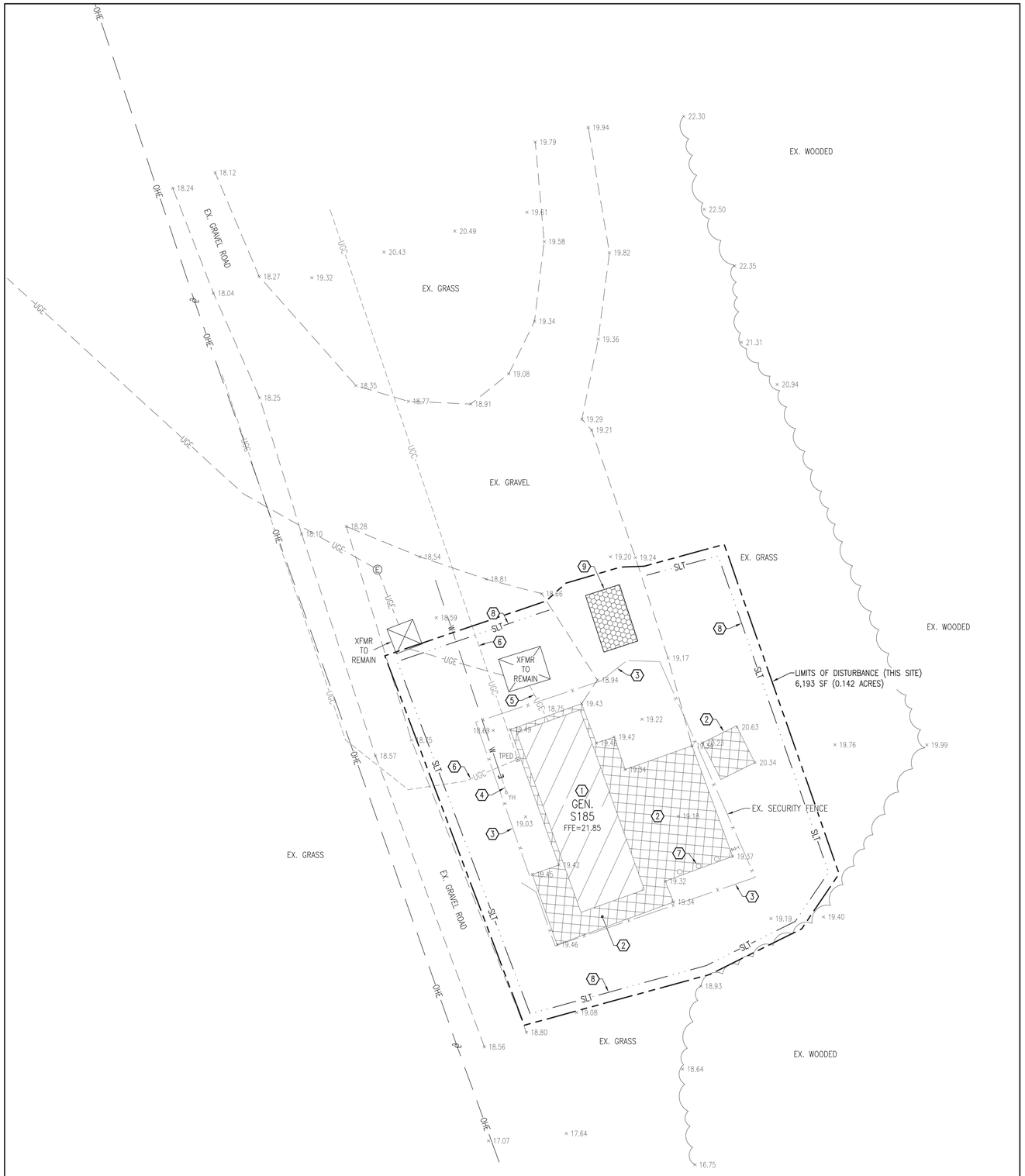
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR108

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041122

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 47 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING GENERATOR S185 – SEE PHOTOGRAPHS, THIS SHEET.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING SECURITY FENCE AND GATES.
4. REMOVE EXISTING YARD HYDRANT AND UNDERGROUND WATER SERVICE. TERMINATE AT POINT SHOWN. SEE DETAIL D, SHEET CU501.
5. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
6. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
7. REMOVE STEEL BOLLARD AND FOUNDATION – TYPICAL OF 3.
8. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
9. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE PHOTOS - S185

NO SCALE

DISCLOSURE OF INFORMATION

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C-142

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS

AE PROJECT # 24014

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

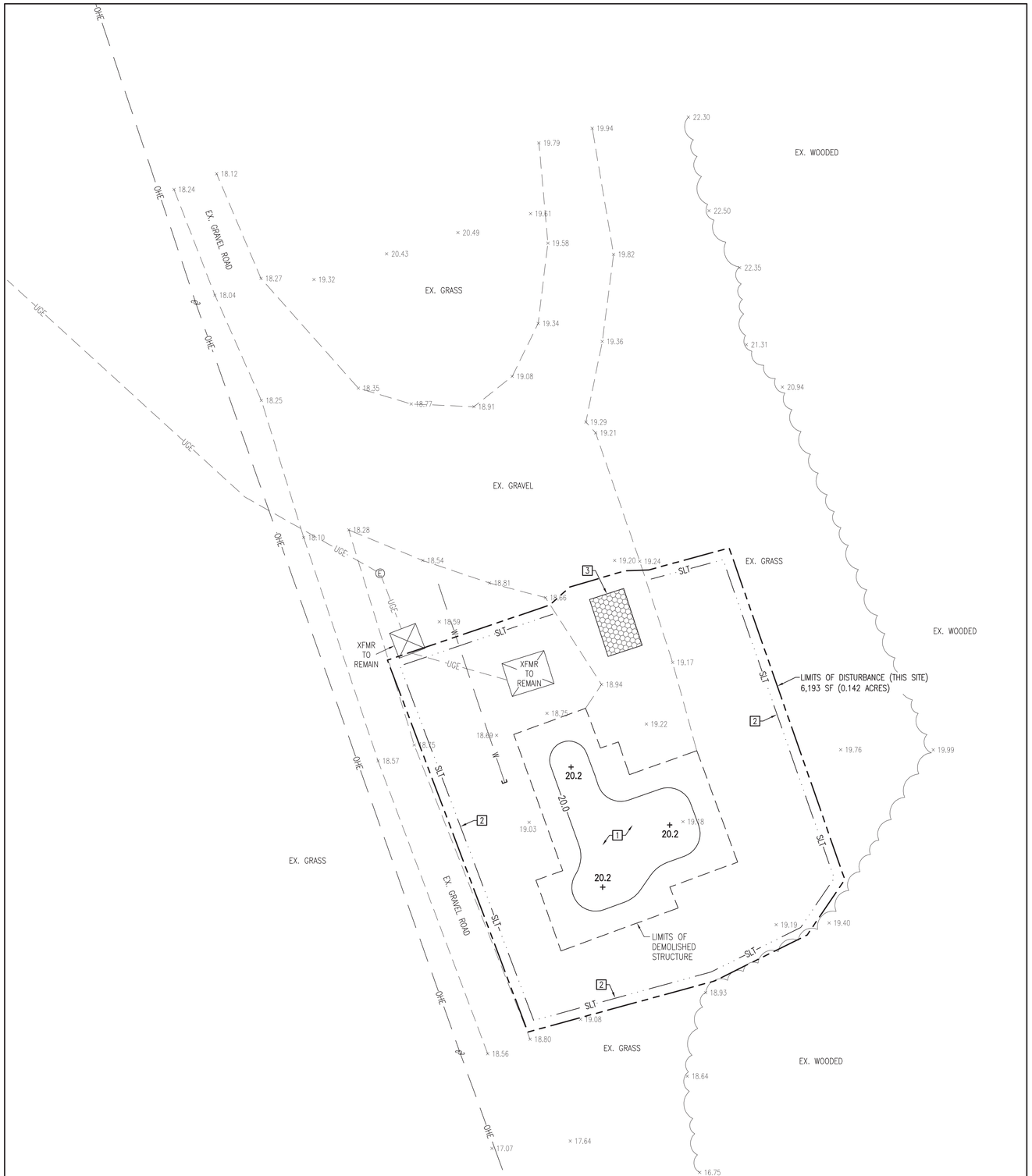
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE S185

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041123

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 48 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

DISCLOSURE OF INFORMATION

CONTRACTOR SHALL COMPLY AS FOLLOWS:

(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-143

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

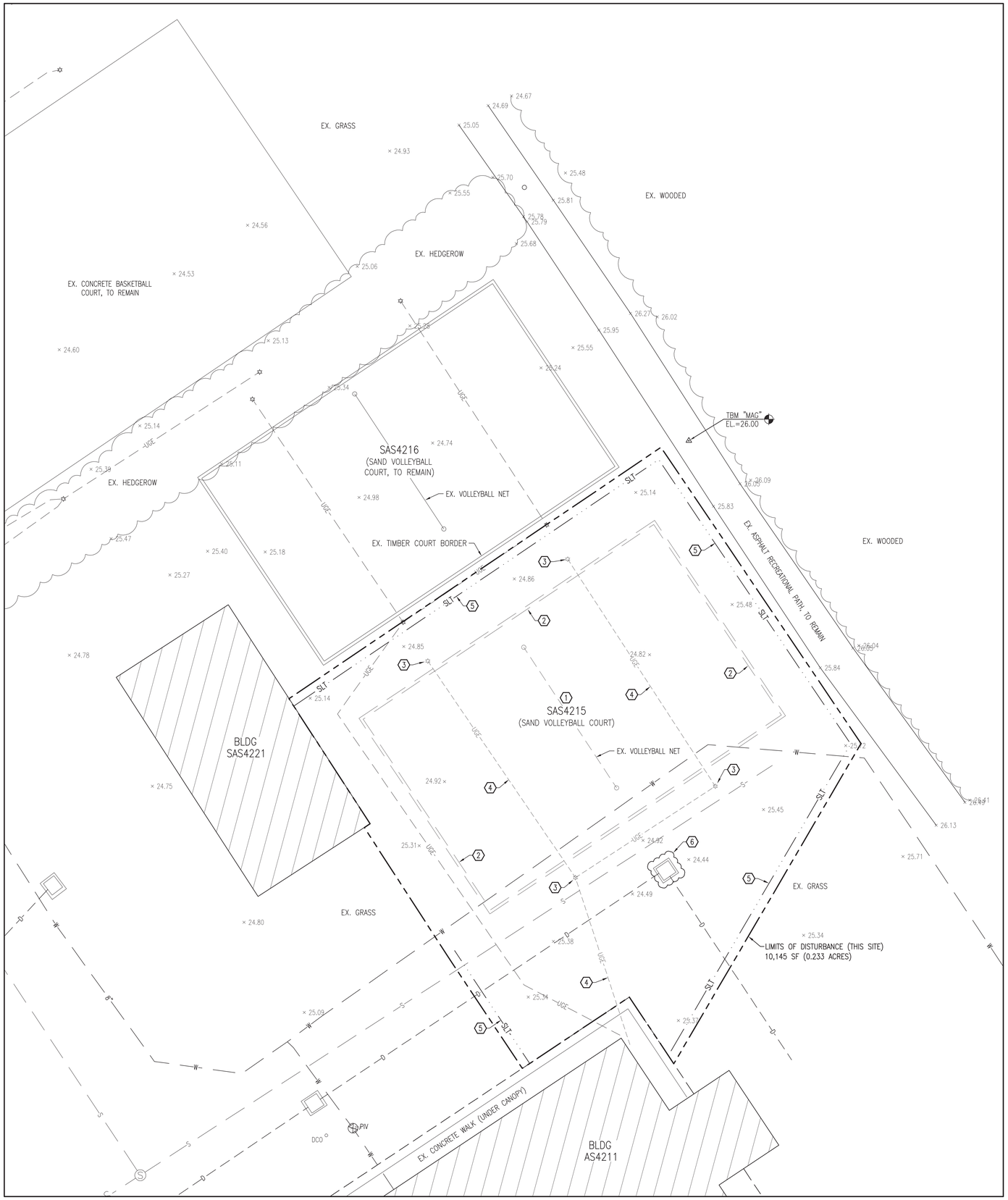
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE S185

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041124
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 49 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING SAND VOLLEYBALL COURT SAS4215, INCLUDING NET, POLES, AND PLAY SURFACE.
2. REMOVE PARTIALLY BURIED REMNANT TIMBER COURT BORDER.
3. REMOVE EXISTING UTILITY POLE AND LIGHT FIXTURE.
4. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
5. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
6. PROVIDE DROP INLET PROTECTION. SEE DETAIL D, SHEET CG503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-144

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748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

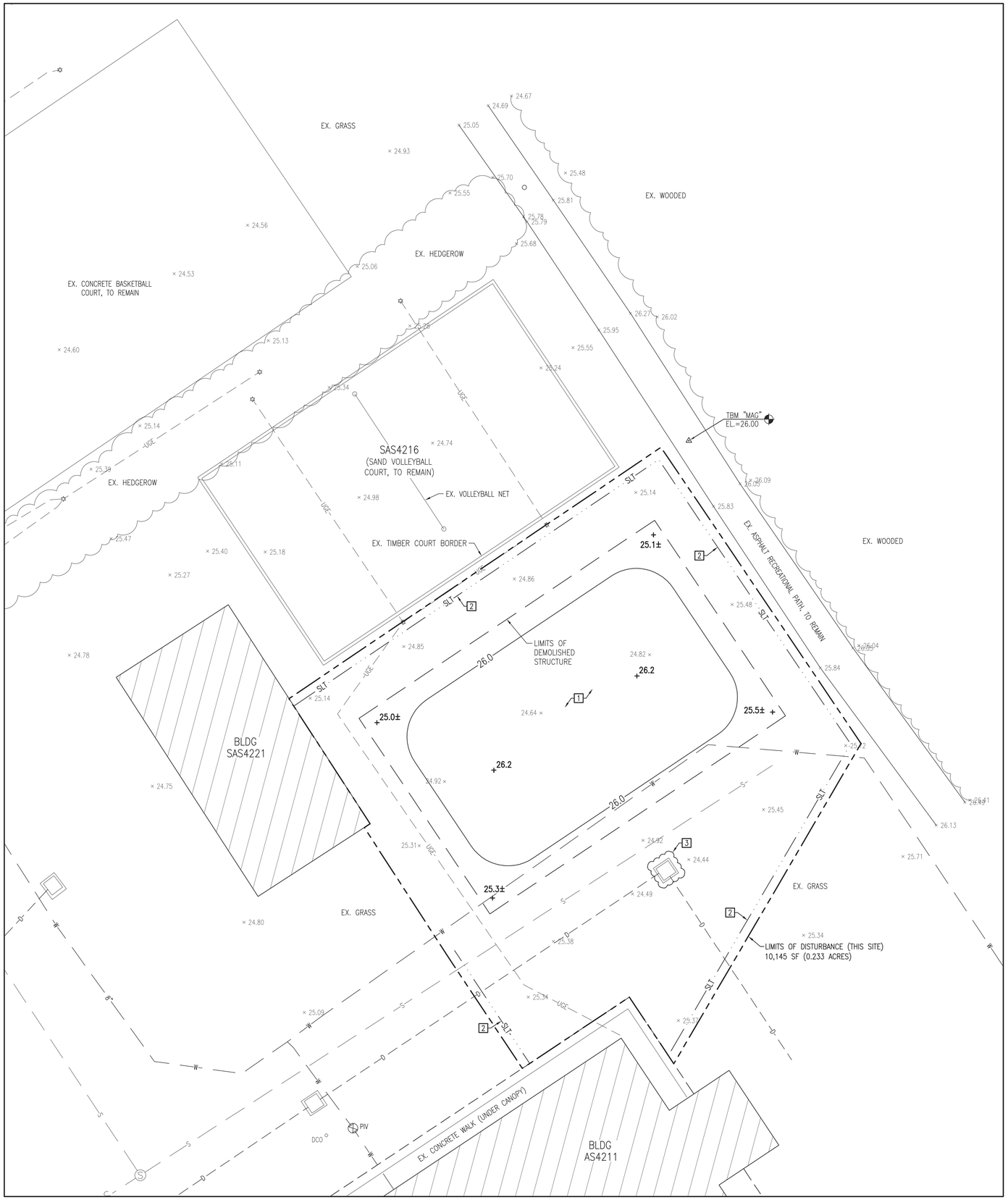
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SAS4215

AE PROJECT # 24014

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041125
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 50 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE DROP INLET PROTECTION. SEE DETAIL D, SHEET CG503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-145

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SAS4215

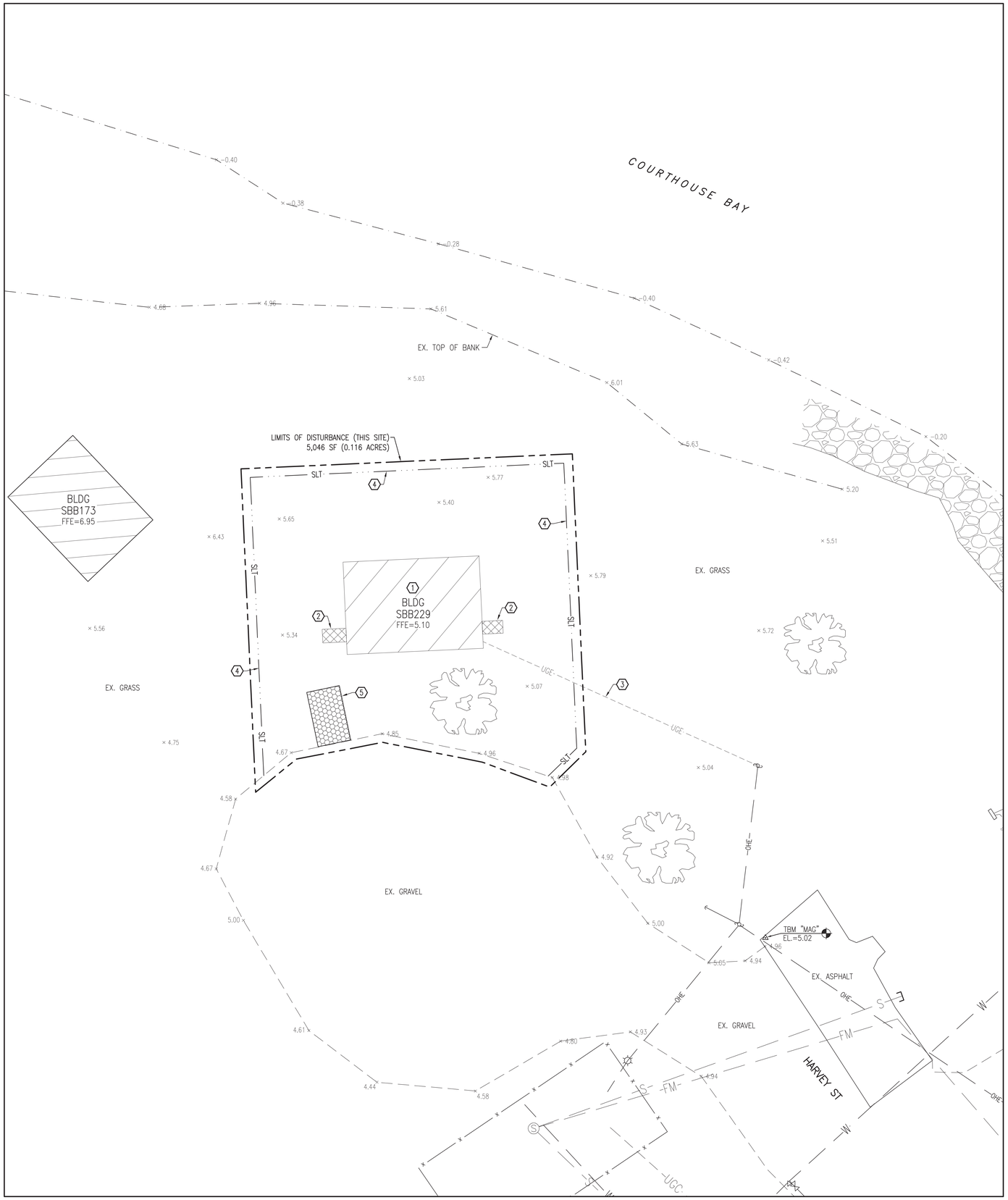
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

AE PROJECT # 24014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041126
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 51 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
4. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
5. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

BUILDING SBB229 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-146

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Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
10-30-2024

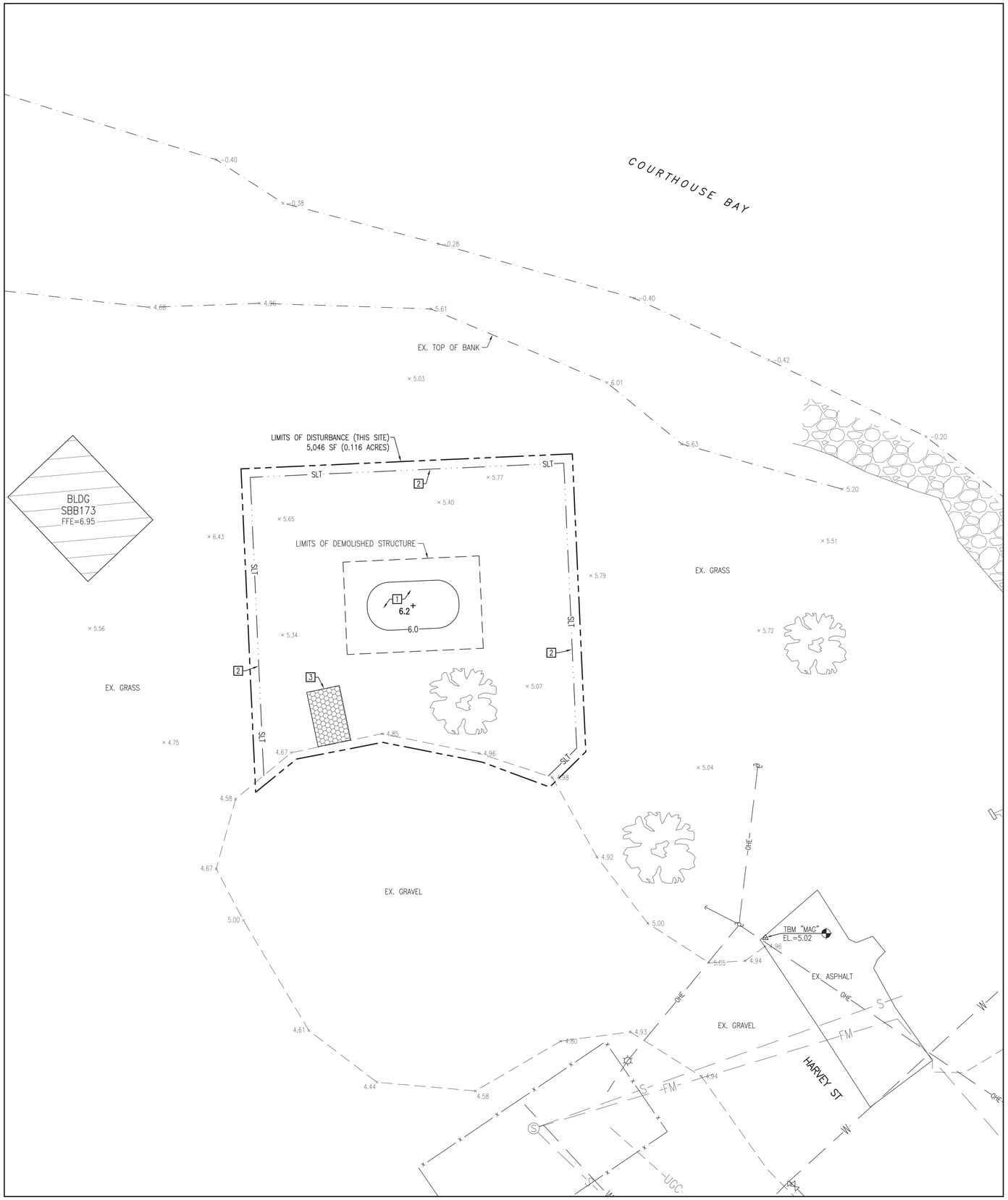
DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SBB229

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041127
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 52 OF 114

AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

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6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

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2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
SEAL 15738 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

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C-147

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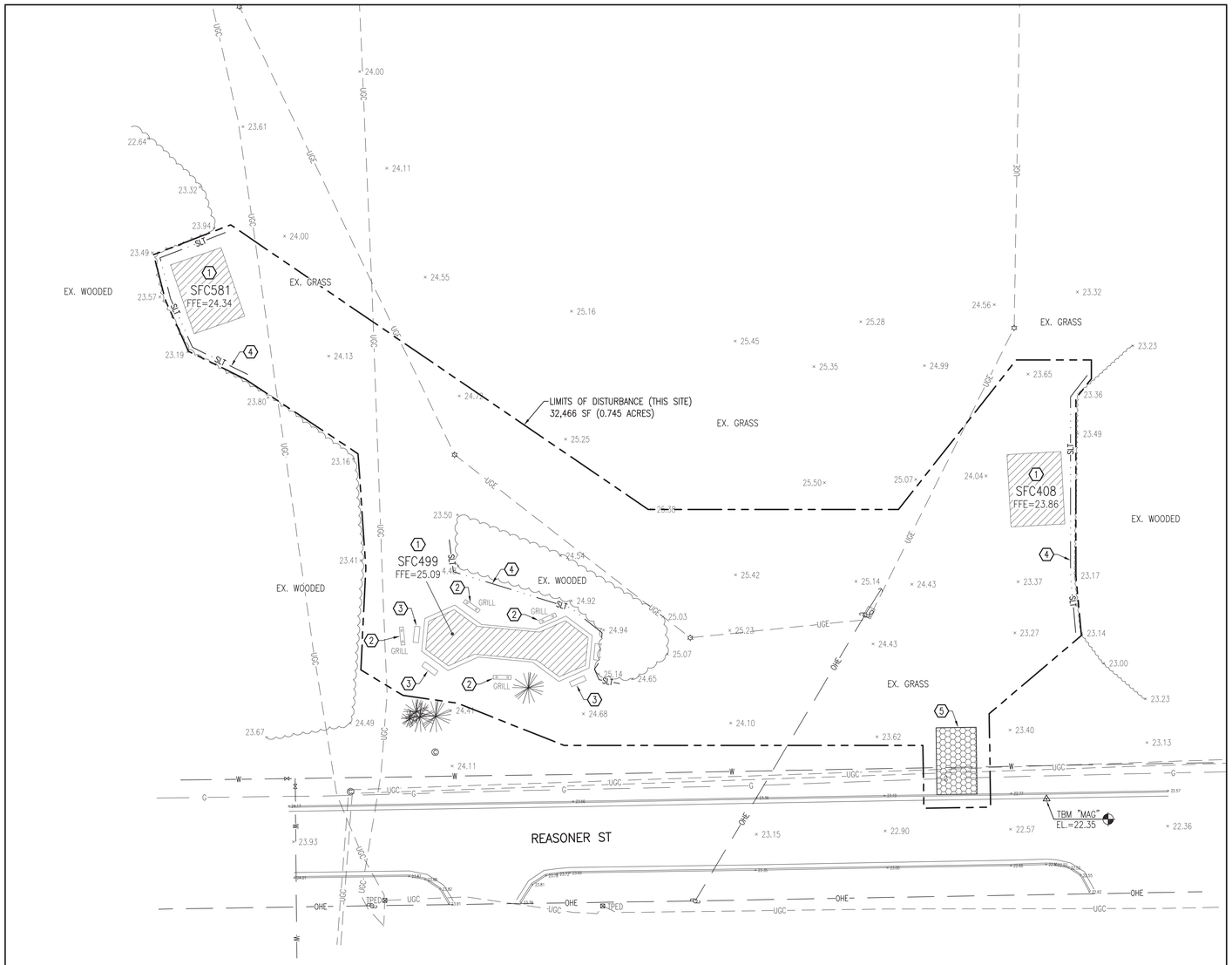
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SBB229

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041128
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 53 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 20'

N

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING FIXED BBQ GRILL.
3. REMOVE EXISTING FIXED BENCH SEAT.
4. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
5. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE PHOTO - SFC499

NO SCALE

SITE PHOTO - SFC408 (SFC581 SIMILAR)

NO SCALE

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C-148

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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Digitally signed by John K Avolis

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

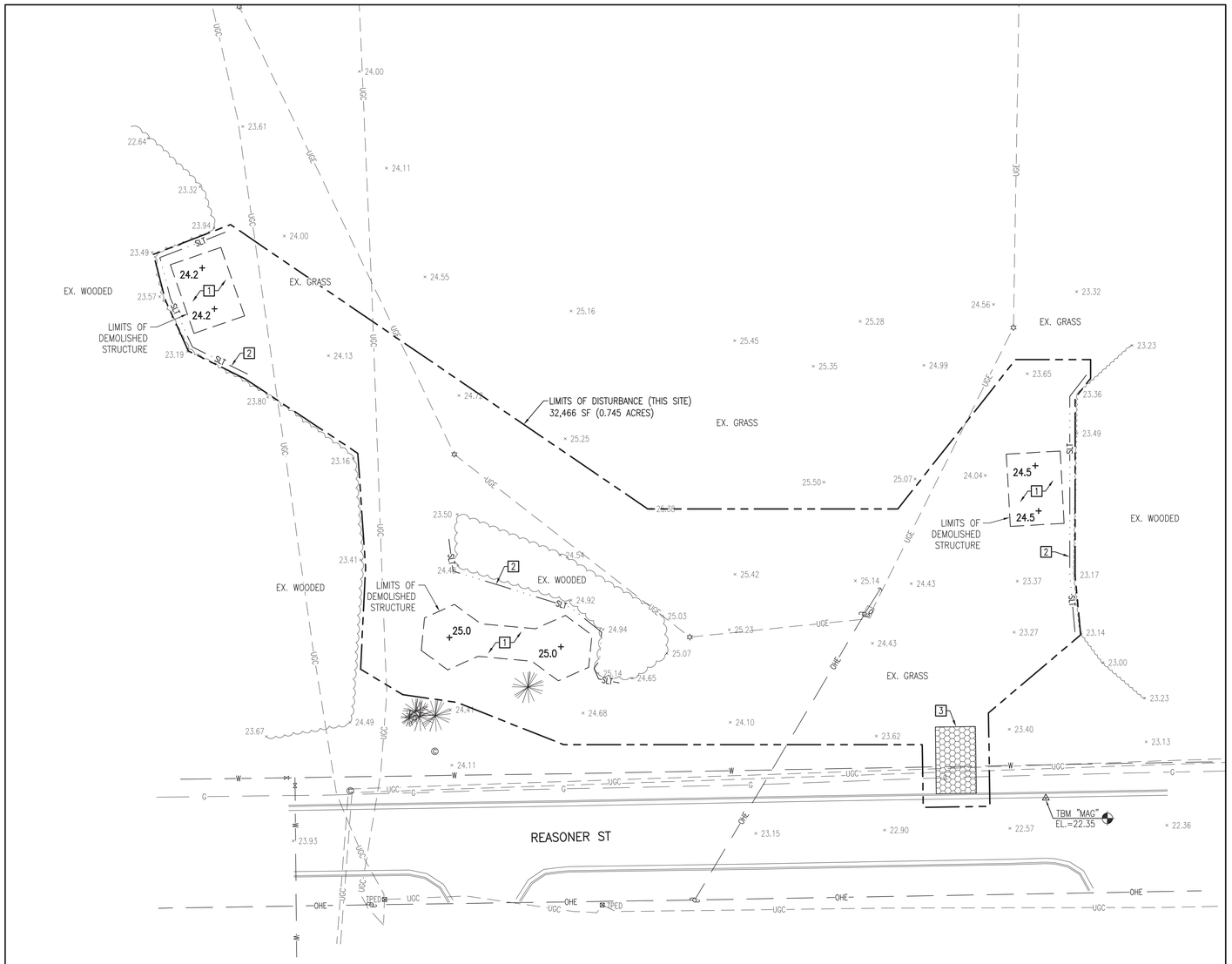
DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES SFC408, SFC499, SFC581

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041129
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 54 OF 114

AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 20'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-149

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:
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NEW BERN, NC 28561
(252) 633-0008
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 16738 ENGINEER JOHN K. AVOLIS
10/30/2024

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

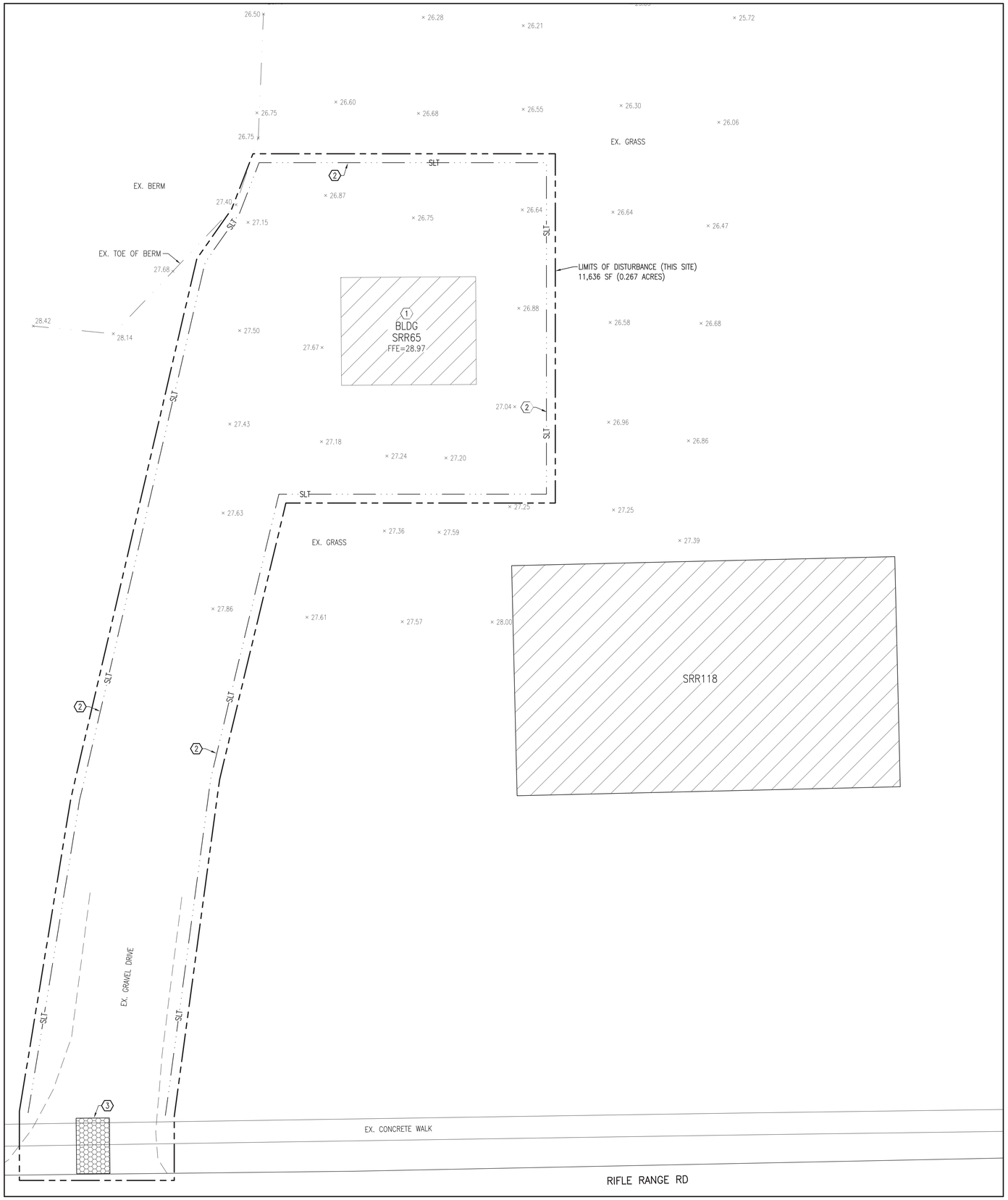
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES SFC408, SFC499, SFC581

SIZE E1 | CODE IDENT. NO – | NAVFAC DRAWING NO. 60041130
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 55 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE PHOTO - SRR65

NO SCALE

STRUCTURE SRR65 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

DISCLOSURE OF INFORMATION
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C-150

10 0 5 10 20
GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18738 JOHN K. AVOLIS
AE PROJECT # 24014

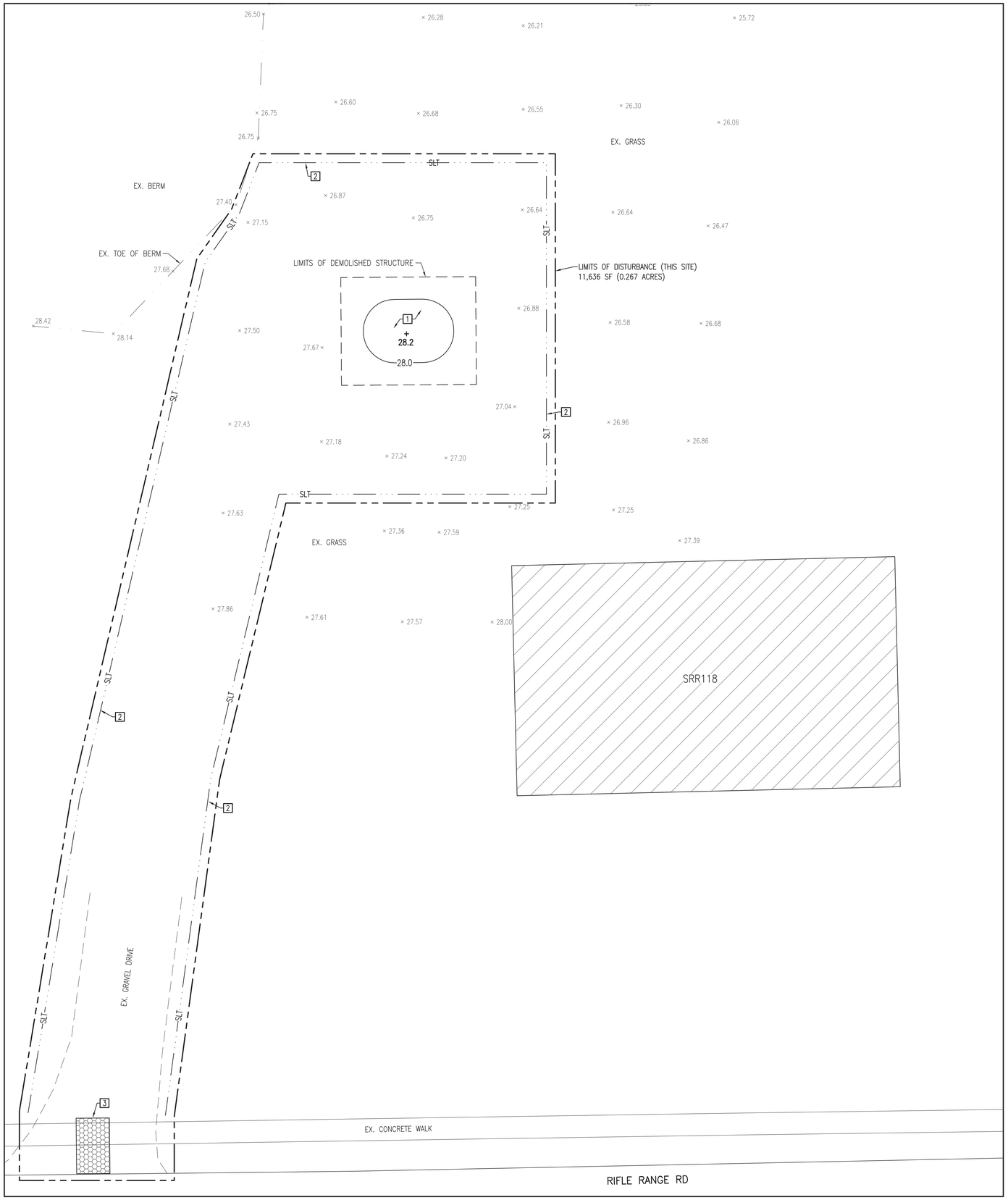
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SRR65

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	–	60041131
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 56 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

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C-151

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

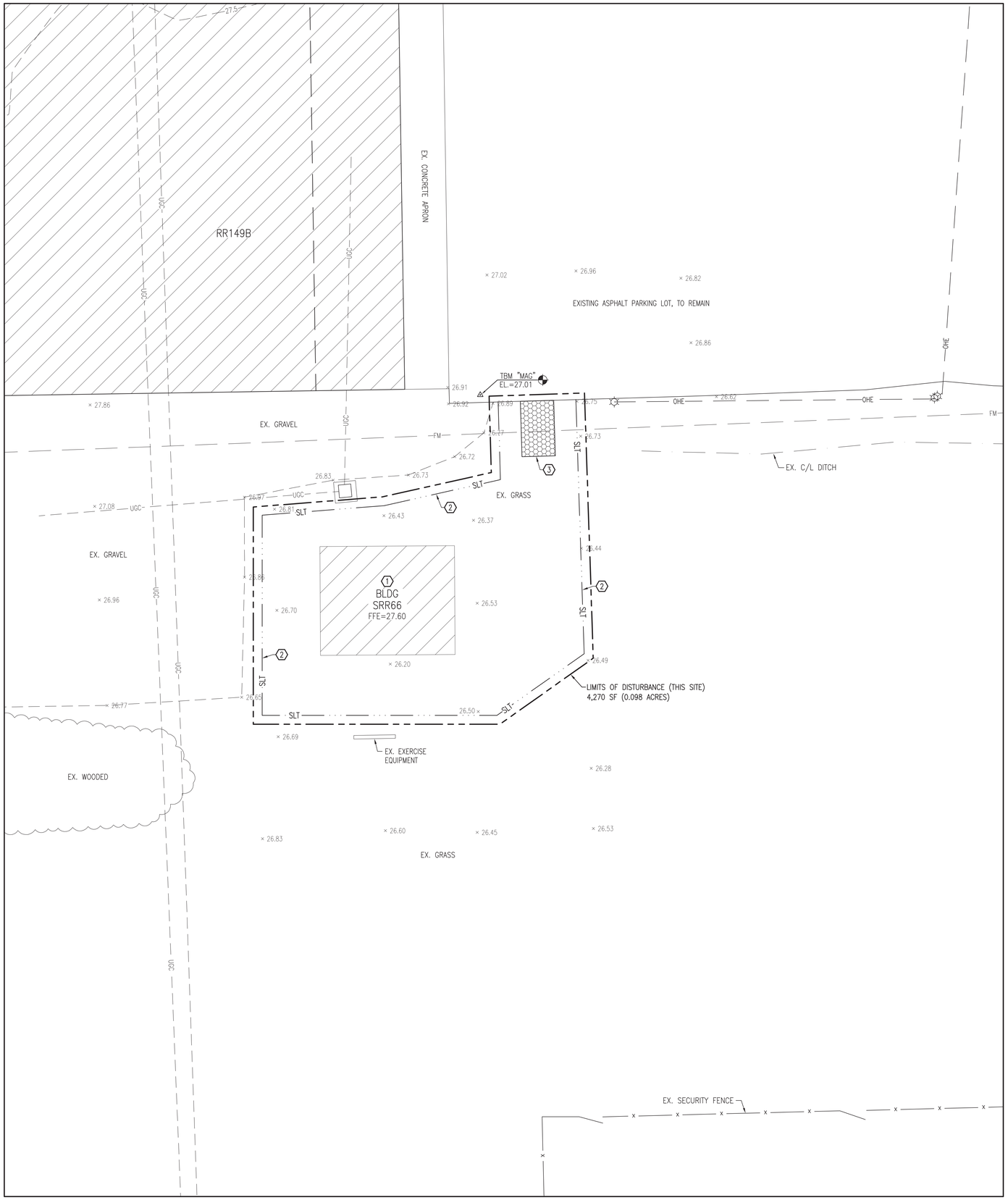
DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE SRR65

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041132
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 57 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

(1) DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.

(2) PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

(3) PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE PHOTO - SRR66

NO SCALE

STRUCTURE SRR66 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

DISCLOSURE OF INFORMATION

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C-152

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

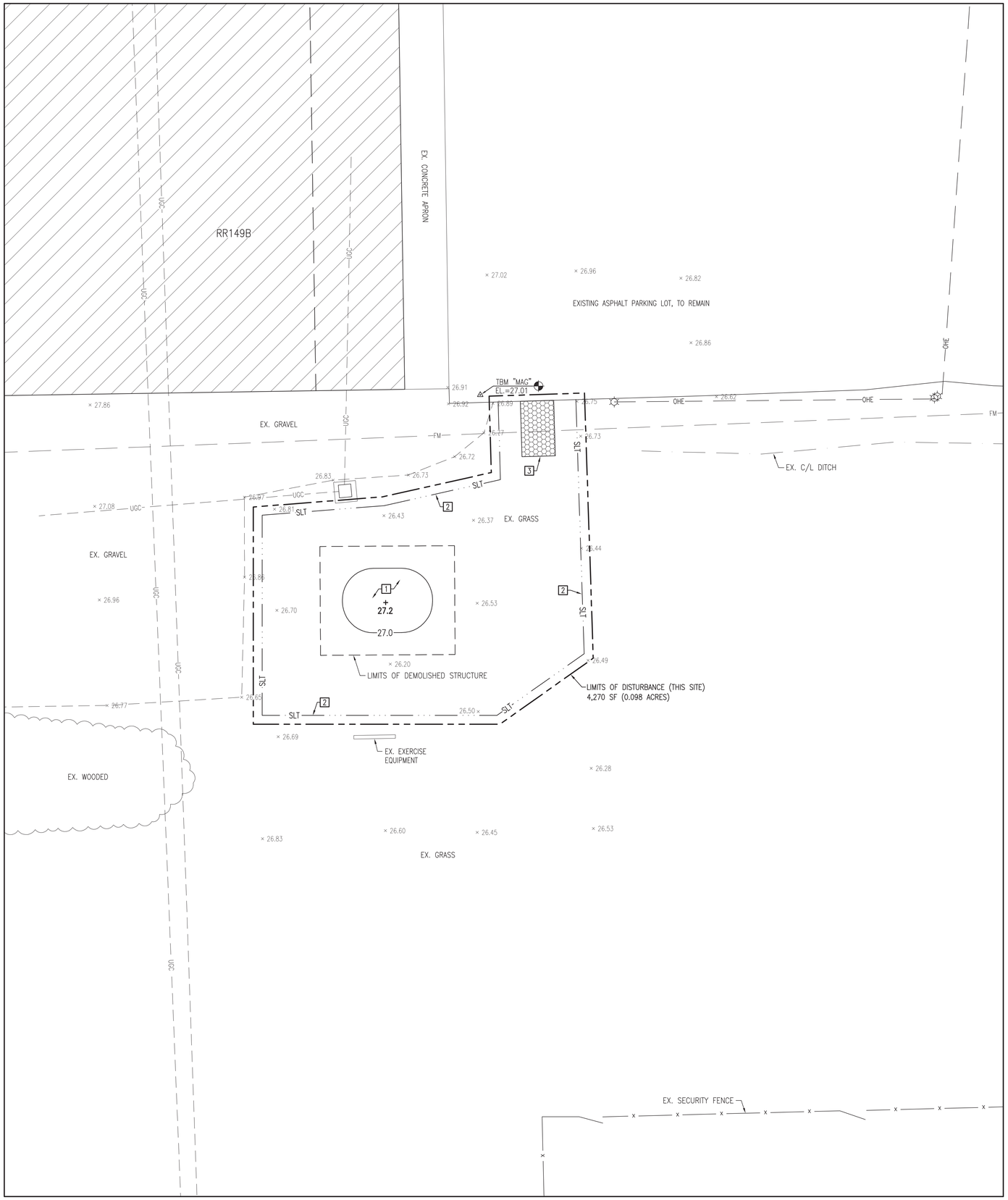
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SRR66

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041133
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 58 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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NEW WORK ITEMS (THIS SHEET):

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C-153

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18738 JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

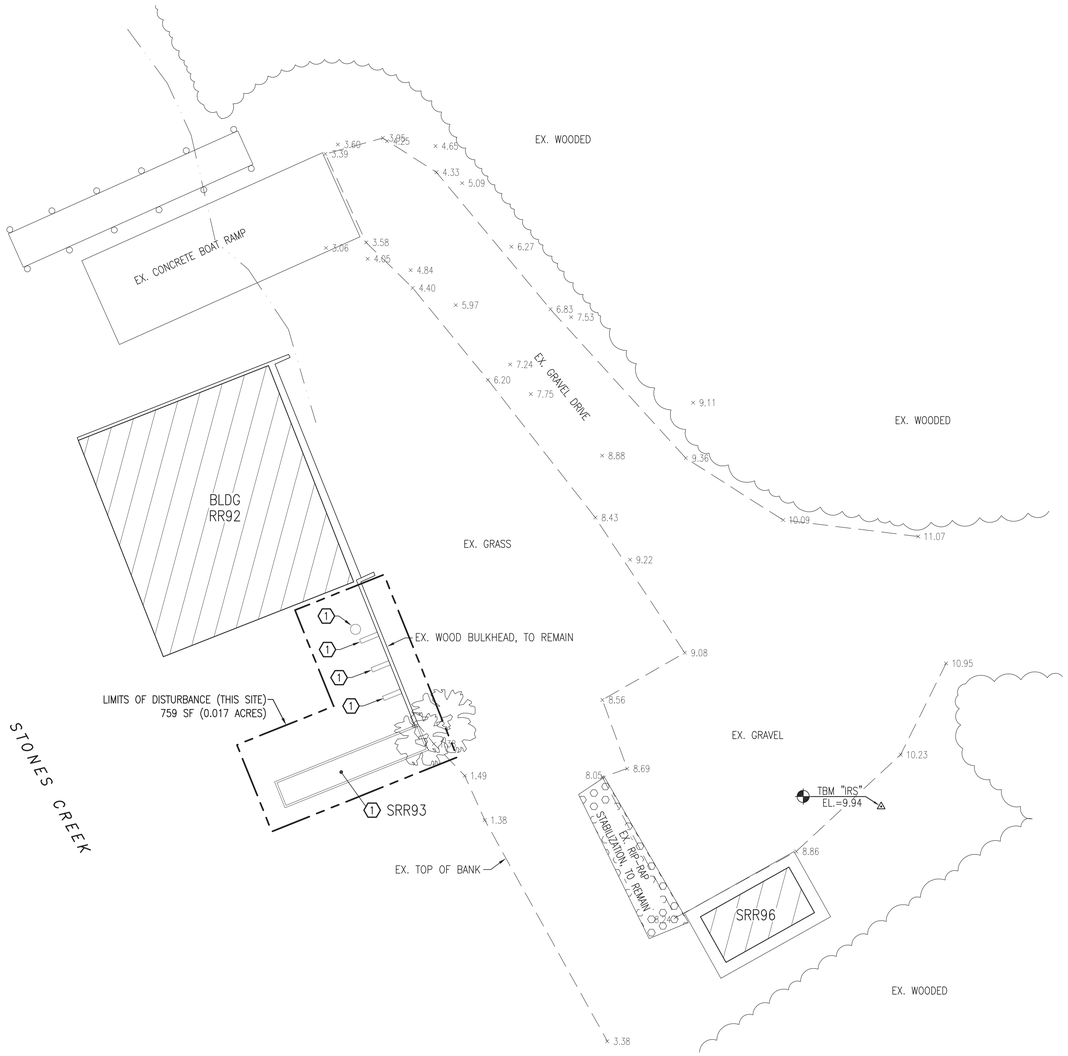
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SRR66

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041134
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 59 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

(1) DEMOLISH EXISTING REMNANT DOCK STRUCTURE – SRR93 (LABELED SRR90 IN FIELD).

SPECIAL ENVIRONMENTAL NOTE:
THIS PROJECT SITE IS LOCATED IN AN ENVIRONMENTALLY SENSITIVE AREA. ALL MECHANIZED EQUIPMENT WORK MUST BE COMPLETED FROM THE ADJACENT UPLAND SHORELINE. THE CREEK BOTTOM MAY NOT BE EXCAVATED TO REMOVE TIMBER PILES. REMOVE TIMBER PILES BY PULLING. ALLOW NO TO ENTER THE WATER BODY.

SITE PHOTO - SRR93

NO SCALE

DISCLOSURE OF INFORMATION
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C-154

10 0 5 10 20
GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K AVOLIS
AE PROJECT # 24014

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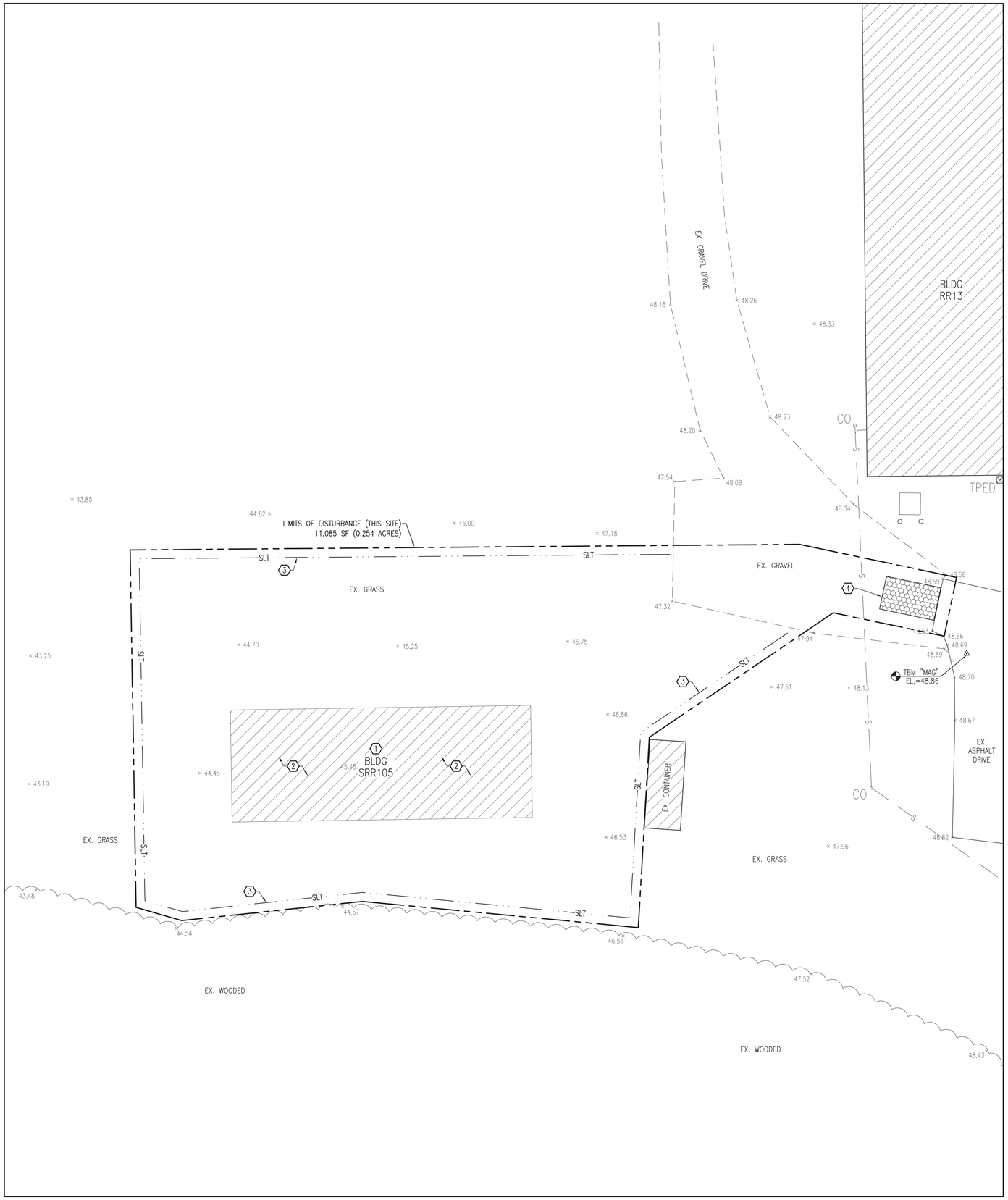
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SRR93

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041135
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 60 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE GRAVEL SURFACE UNDER BUILDING FOOTPRINT.
3. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
4. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

NOTE:
REMOVE MISCELLANEOUS DEBRIS AROUND STRUCTURE TO LEAVE A CLEAN SITE FOLLOWING DEMOLITION ACTIVITIES.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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C-155

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
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SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

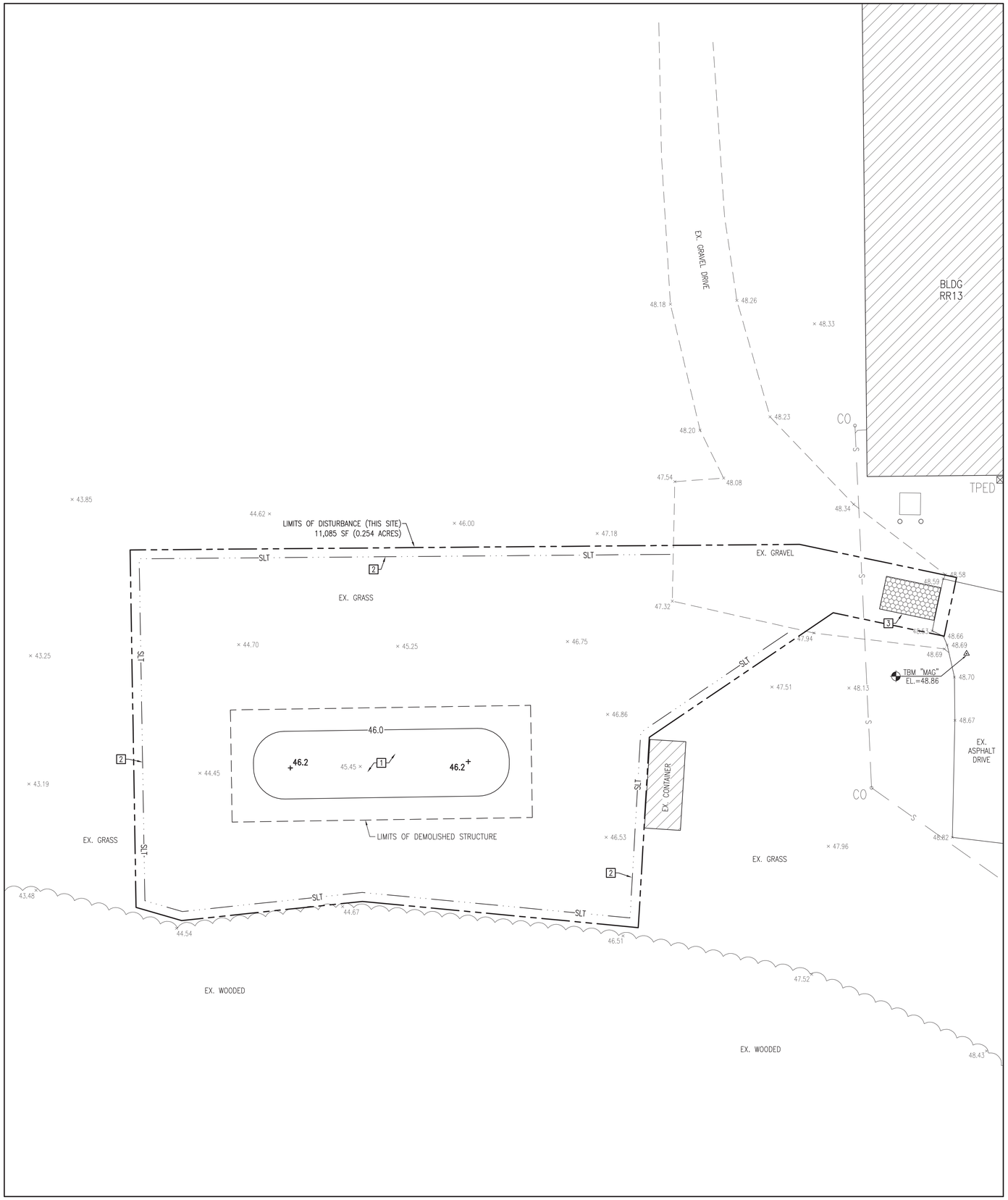
STRUCTURE SRR105

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041136

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 61 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

NOTE:
REMOVE MISCELLANEOUS DEBRIS AROUND STRUCTURE TO LEAVE A CLEAN SITE FOLLOWING DEMOLITION ACTIVITIES.

10 0 5 10 20
GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS
AE PROJECT # 24014

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C-156

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Consulting Structural Engineers
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tel 757-474-0612 fax 757-474-0919

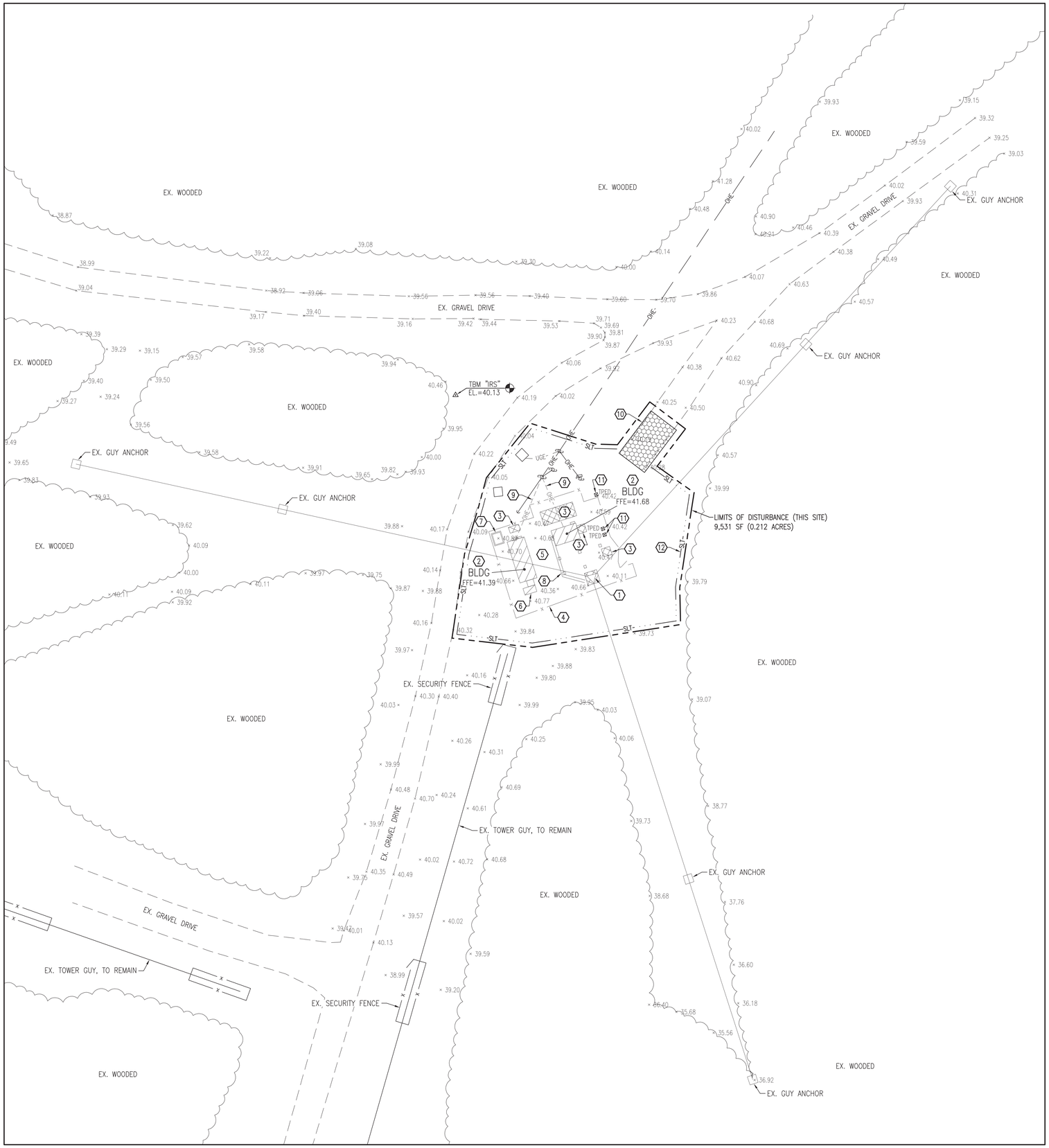
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SRR105

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041137
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 62 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 20'

N

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING TOWER ST13, INCLUDING GUYS AND ANCHORS – SEE STRUCTURAL PLANS. REMOVE ALL ELECTRICAL AND COMMUNICATIONS INTERCONNECTIONS TO OTHER SITE FACILITIES.
2. REMOVE EXISTING BUILDING – SEE STRUCTURAL PLANS. REMOVE ALL ELECTRICAL AND COMMUNICATIONS INTERCONNECTIONS TO OTHER SITE FACILITIES.
3. REMOVE EXISTING CONCRETE.
4. REMOVE EXISTING SECURITY FENCE AND GATES.
5. REMOVE EXISTING GRAVEL SURFACE WITHIN FENCED AREA.
6. REMOVE EXISTING HVAC UNIT.
7. REMOVE EXISTING CONCRETE UTILITY PIT.
8. REMOVE EXISTING OVERHEAD CABLE BRIDGE.
9. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.
10. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.
11. EXISTING COMMUNICATIONS PEDESTAL, TO REMAIN.
12. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CC503.

STRUCTURE ST13 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

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C-157

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

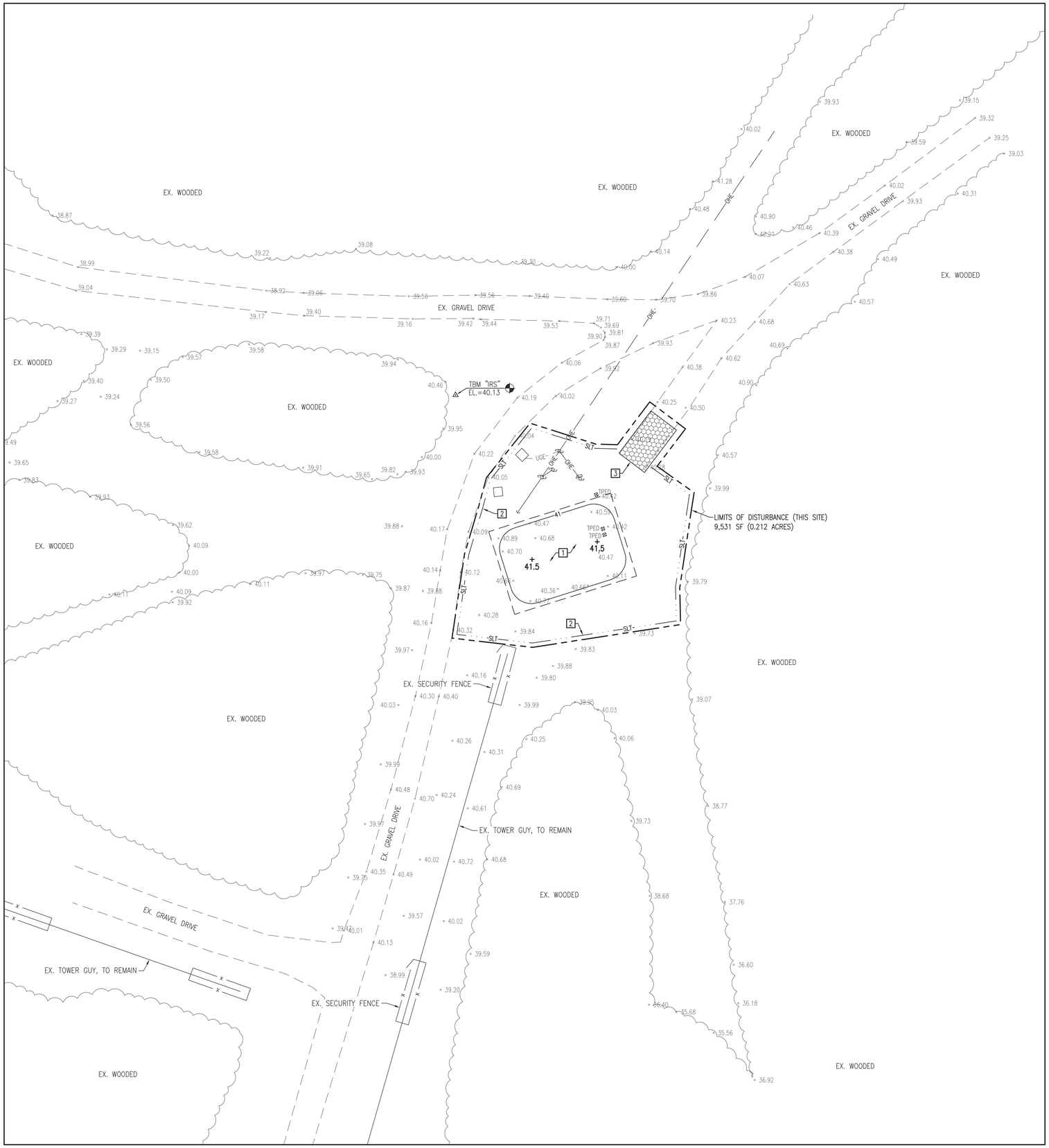
DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE ST13

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	–	60041138
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 63 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 20'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

GRAPHIC SCALE: 1" = 20'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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C-158

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

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APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

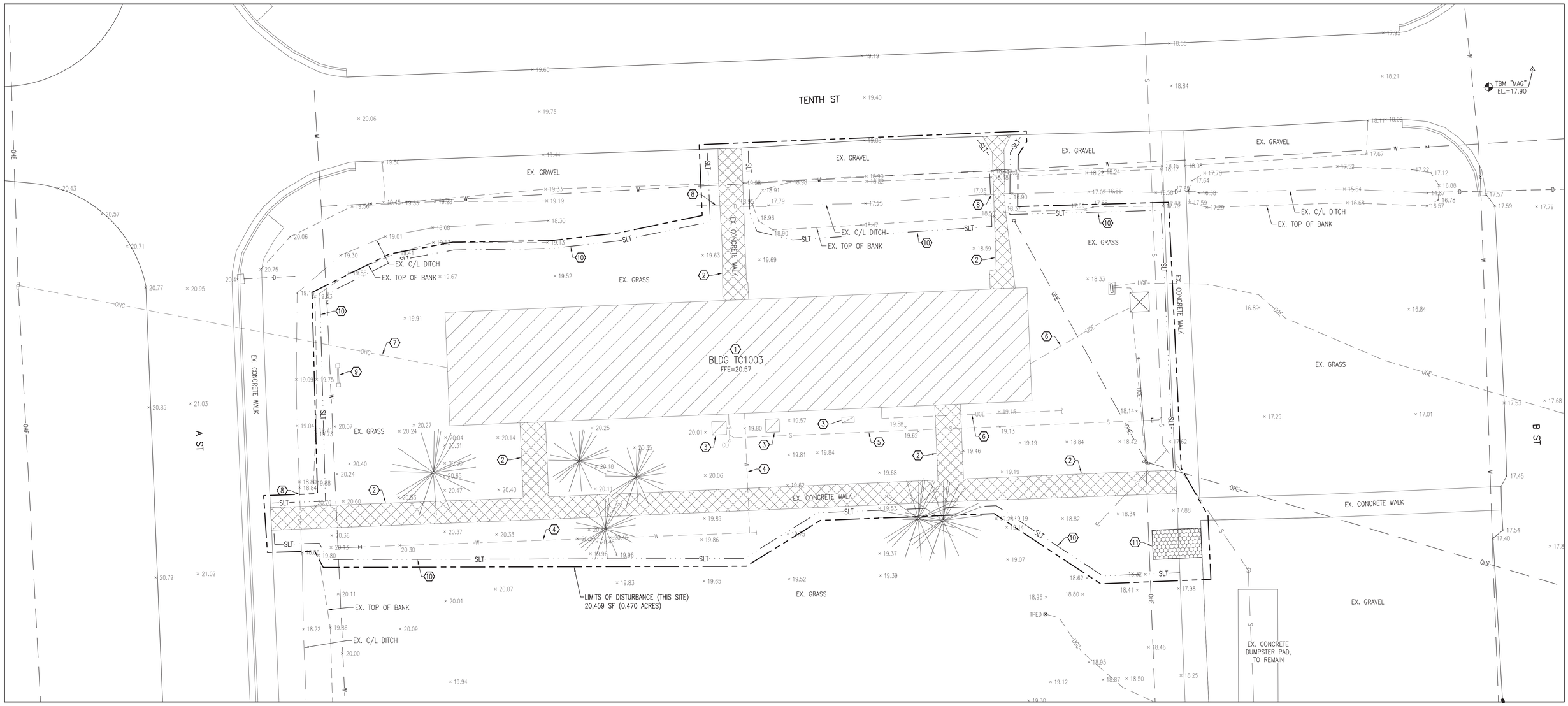
Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE ST13

SIZE E1 | CODE IDENT. NO – | NAVFAC DRAWING NO. 60041139
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 64 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

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6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING HVAC UNIT.
4. REMOVE EXISTING DOMESTIC WATER SERVICE. TERMINATE AT EXISTING VALVE. SEE DETAIL D, SHEET CU501.
5. REMOVE EXISTING SEWER SERVICE. EXISTING SEWER MAIN HAS BE RECONFIGURED IN THIS AREA. LOCATE AND CAP AT EXISTING MAIN. SEE DETAIL C, SHEET CU501.
6. REMOVE EXISTING UNDERGROUND ELECTRIC SERVICE.
7. REMOVE EXISTING OVERHEAD COMMUNICATIONS SERVICE.
8. REMOVE EXISTING STORM DRAIN PIPE. RESTORE DITCH FLOW LINE.
9. REMOVE EXISTING SIGN.
10. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
11. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

BUILDING TC1003 HAS BEEN DETERMINED TO CONTAIN LEAD BASED PAINT – SEE STRUCTURAL PLANS AND "LEAD PAINT SURVEY" FOR DETAILS

BUILDING TC1003 HAS BEEN DETERMINED TO CONTAIN ASBESTOS CONTAINING MATERIALS – SEE STRUCTURAL PLANS AND "ASBESTOS SURVEY" FOR DETAILS

10 0 5 10 20
GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
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C-159

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 18738 ENGINEER JOHN K. AVOLIS
AE PROJECT # 24014

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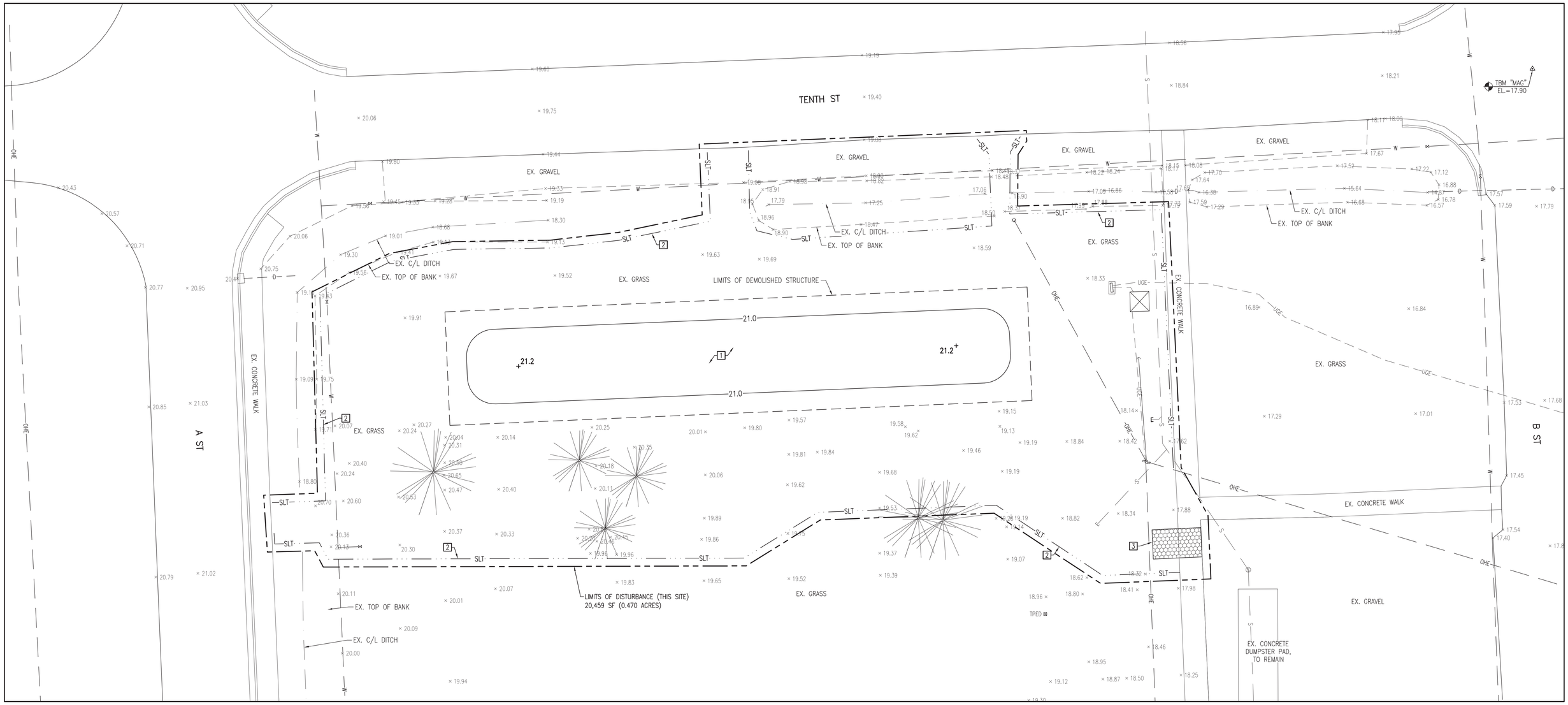
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE TC1003

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041140
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 65 OF 114

SYM	REVISIONS	DATE	APPROVED



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2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
3. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE GRADING PLAN

SCALE: 1" = 10'

N

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

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(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

DISCLOSURE OF INFORMATION

CONTRACTOR SHALL COMPLY AS FOLLOWS:

(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
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(2) THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE
(B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
(C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER HIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

C-160

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

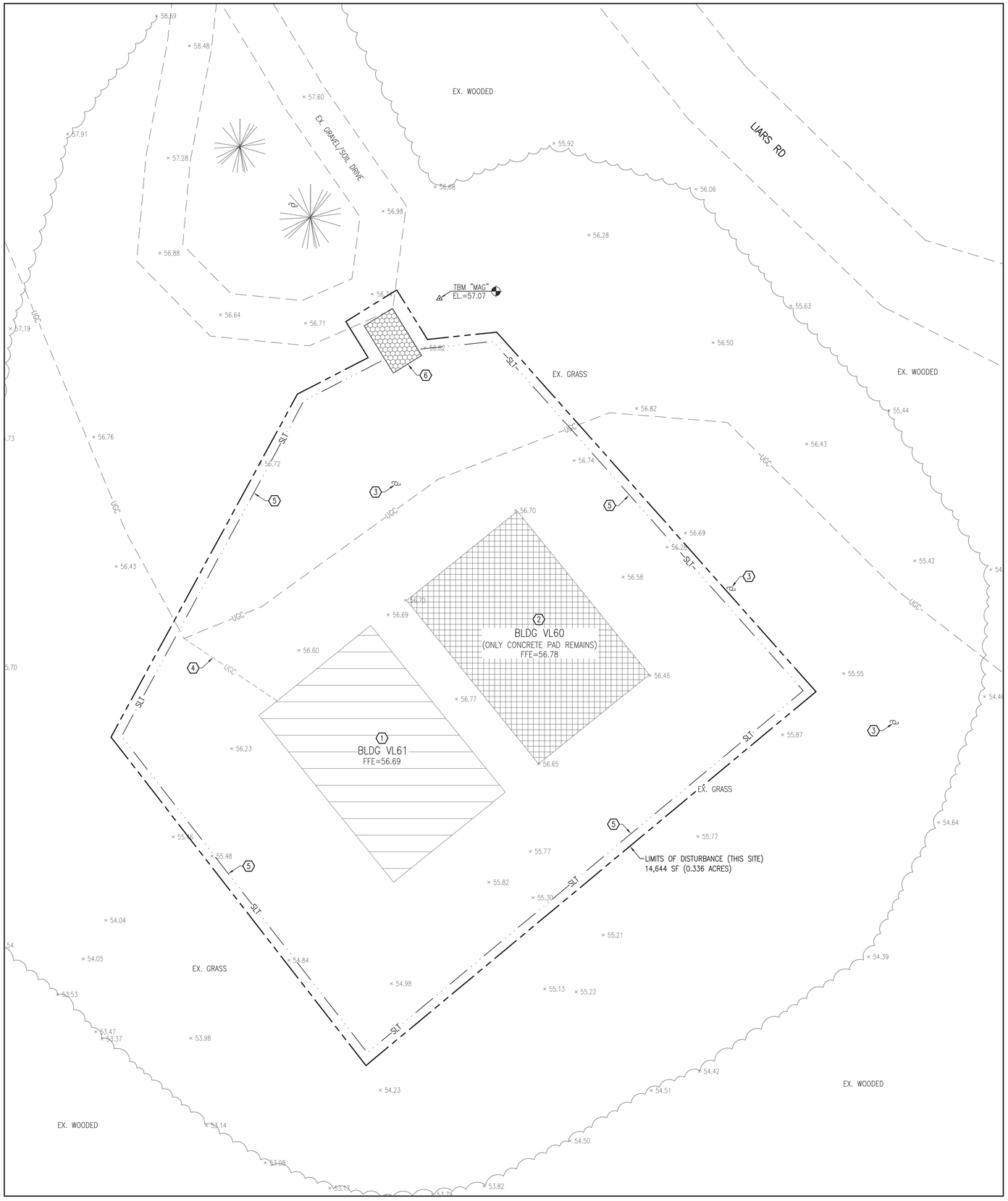
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE TC1003

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041141
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 66 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING UTILITY POLE.
4. REMOVE EXISTING UNDERGROUND COMMUNICATIONS SERVICE.
5. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.
6. PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

SITE PHOTO - VL60, VL61

NO SCALE

DISCLOSURE OF INFORMATION

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C-161

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
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LICENSE NO. C-0706

Digitally signed by John K Avolis

NORTH CAROLINA PROFESSIONAL SEAL 15738 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

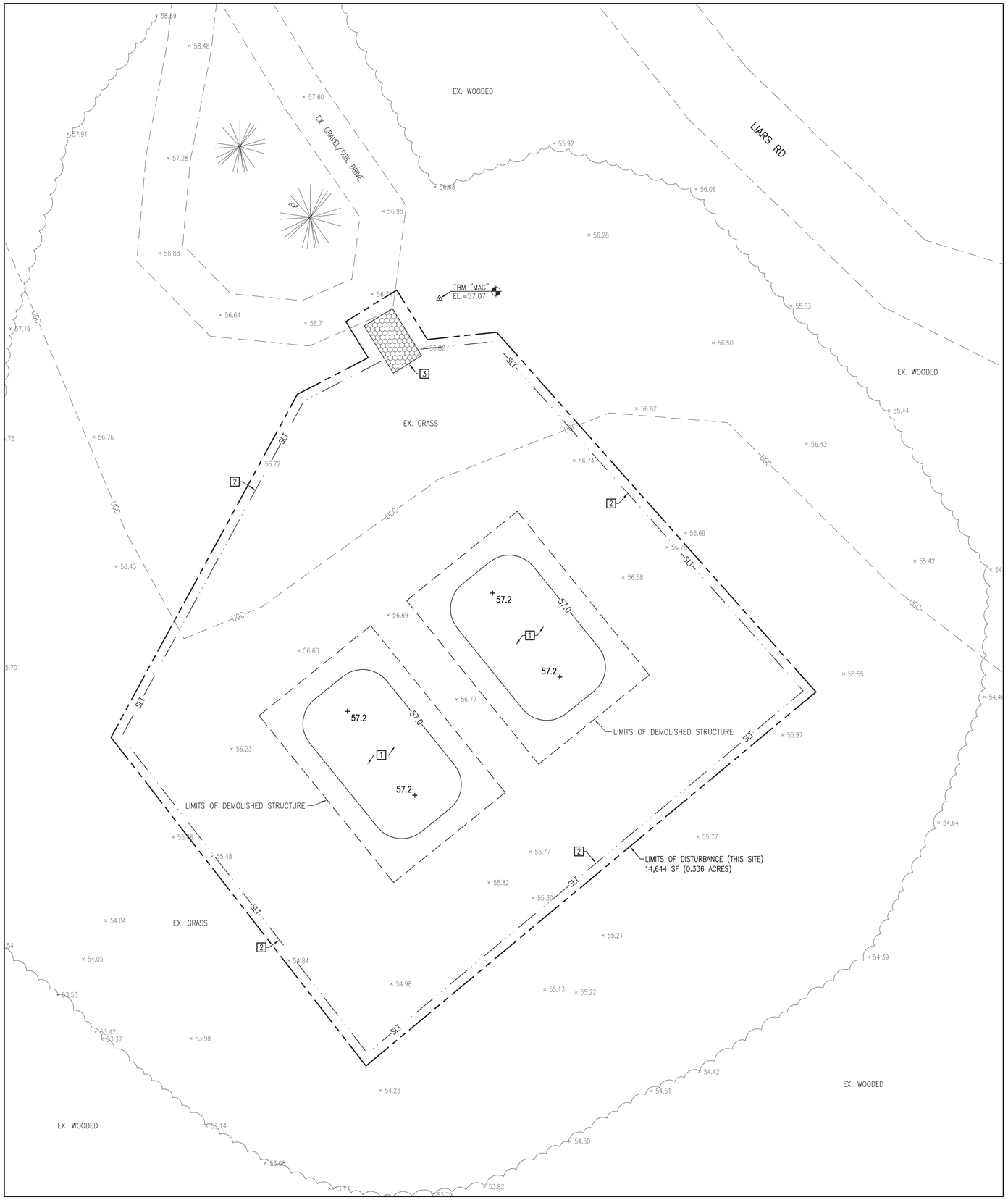
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES VL60, VL61

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041142
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 67 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

3 PROVIDE GRAVEL CONTROL ENTRANCE. SEE DETAIL B, SHEET CG503.

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15733 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
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C-162

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0919

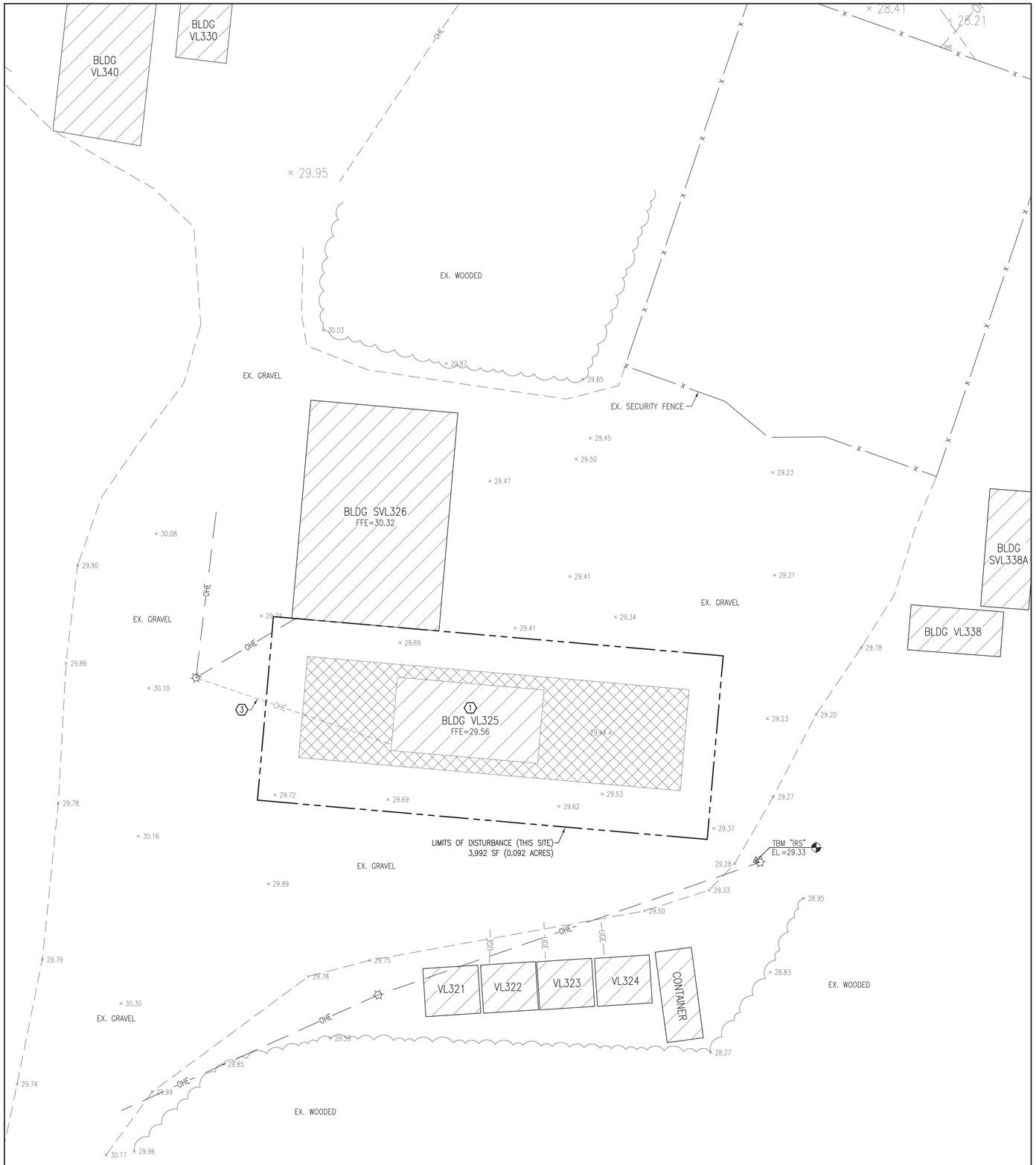
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES VL60, VL61

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041143
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED
SPEC. 05-23-0036
SHEET 68 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING BUILDING – SEE STRUCTURAL PLANS.
2. REMOVE EXISTING CONCRETE.
3. REMOVE EXISTING OVERHEAD ELECTRIC SERVICE.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
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C-163

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

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MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

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DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE VL325

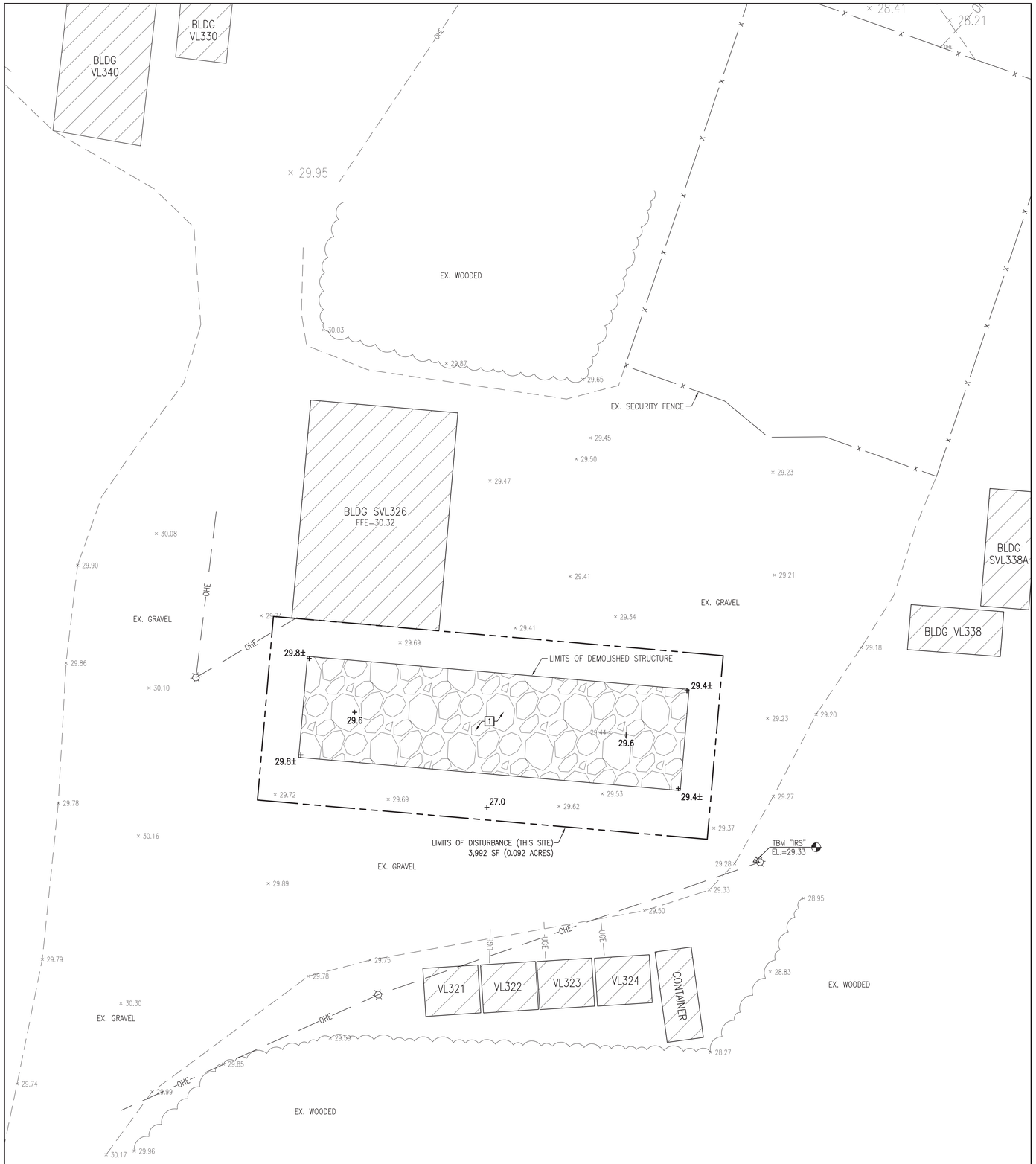
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041144

CONST. CONTR. NO. N40085-23-B-0036

AE PROJECT # 24014

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 69 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 BACKFILL TO REMOVE SIGNIFICANT VOIDS, INFILL WITH GRAVEL, GRADE TO FINISH GRADES SHOWN. SEE DETAIL D, SHEET CS501.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
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C-164

10 0 5 10 20
GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 18738 JOHN K. AVOLIS
AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0612 fax 757-474-0919

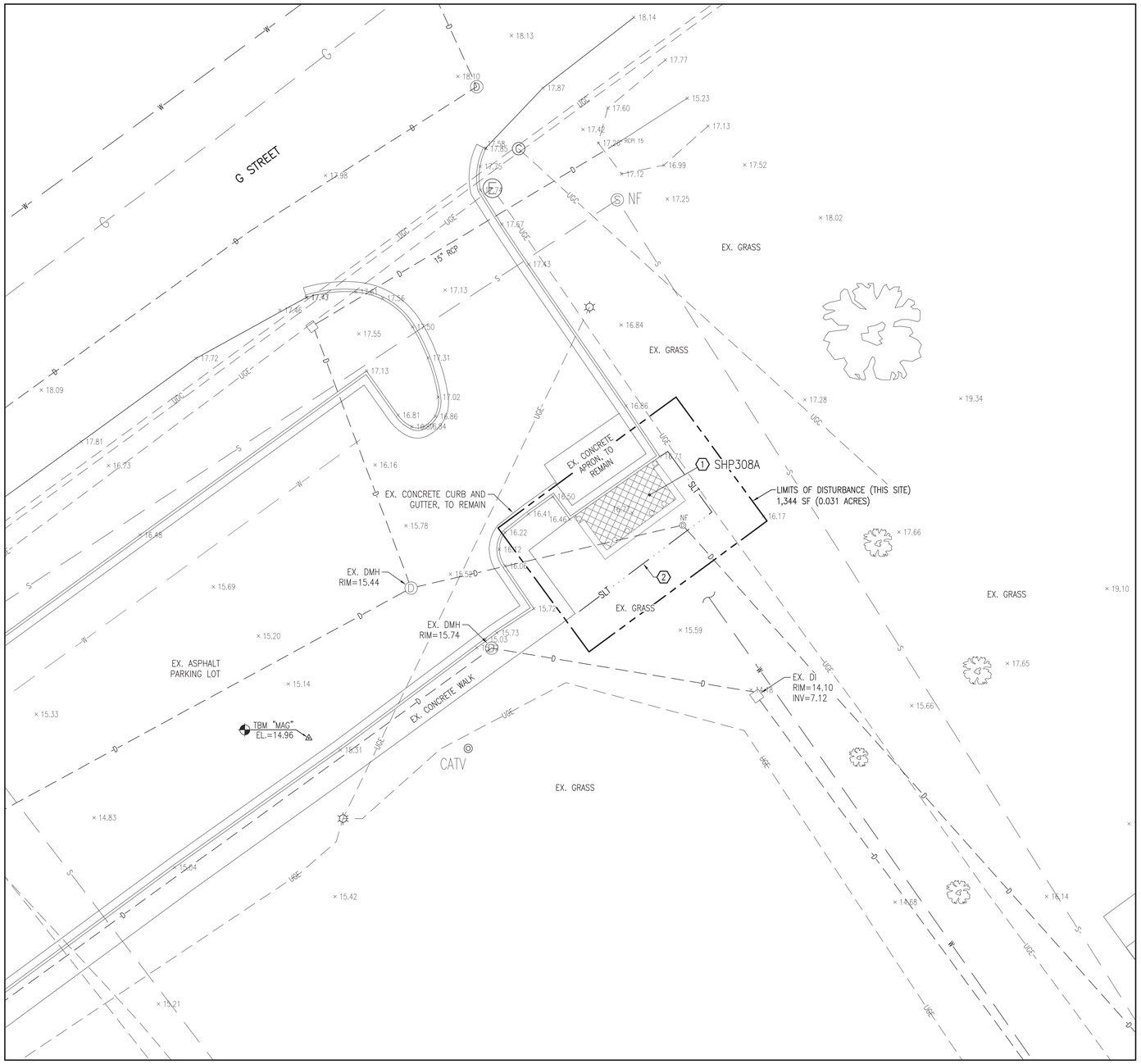
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE VL325

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041145
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 70 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N

SITE PHOTOS - SHP306A

NO SCALE

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING STRUCTURE SHP306A – SEE PHOTOGRAPHS, THIS SHEET.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

DISCLOSURE OF INFORMATION
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C-165

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:
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P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0812 fax 757-474-0919

Digitally signed by John-K Avolis
SEAL 15736 JOHN K. AVOLIS REGISTERED PROFESSIONAL ENGINEER

AE PROJECT # 24014

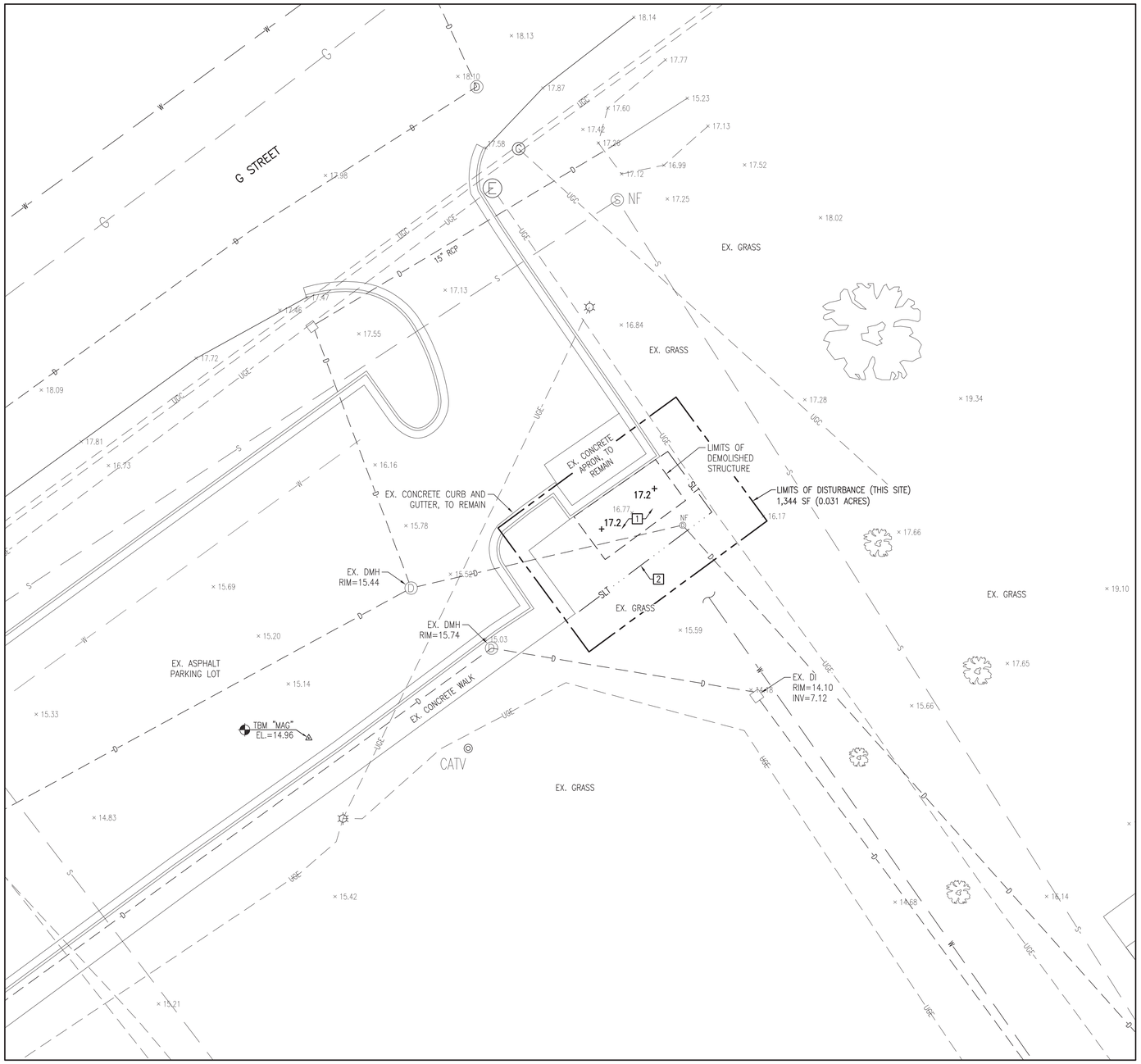
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SHP306A

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041146
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 71 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

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5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1 FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.

2 PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

DISCLOSURE OF INFORMATION

CONTRACTOR SHALL COMPLY AS FOLLOWS:

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C-166

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

AVOLIS ENGINEERING, P.A.
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NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

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NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
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DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE SHP306A

SIZE E1 | CODE IDENT. NO -

NAVFAC DRAWING NO. 60041147

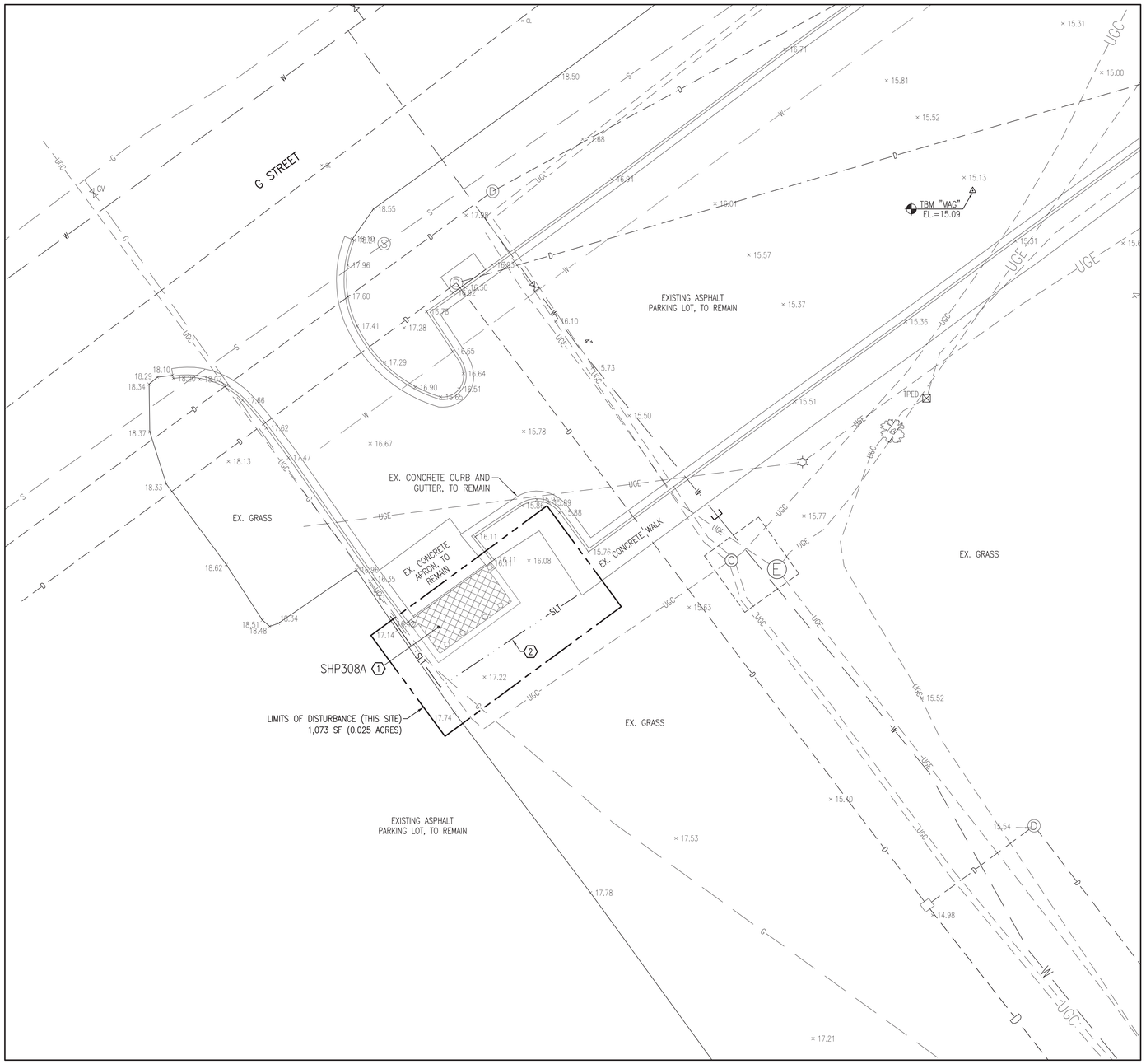
CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED

SPEC. 05-23-0036

SHEET 72 OF 114

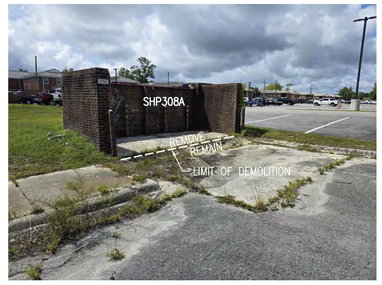
SYM	REVISIONS	DATE	APPROVED



SITE DEMOLITION PLAN

SCALE: 1" = 10'

N



SITE PHOTOS - SHP308A

NO SCALE

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

DEMOLITION WORK ITEMS (THIS SHEET):

1. DEMOLISH EXISTING STRUCTURE SHP308A – SEE PHOTOGRAPHS, THIS SHEET.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
(1) THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
(2) THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.
(B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
(C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER HIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

C-167

GRAPHIC SCALE: 1" = 10'

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10-2024

AE PROJECT # 24014

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

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DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

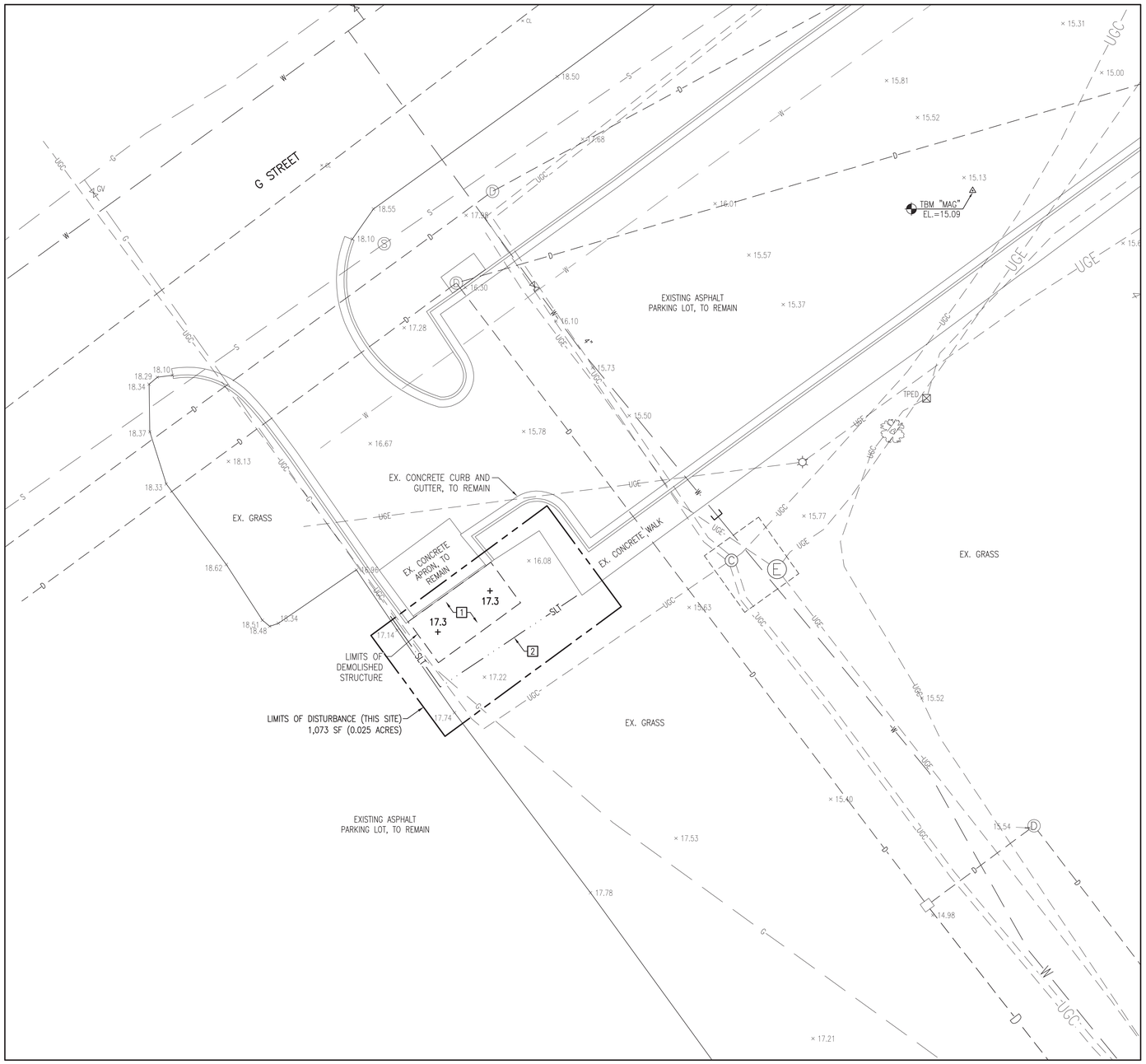
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SHP308A

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	–	60041148

CONST. CONTR. NO. N40085-23-B-0036

SCALE: NOTED SPEC. 05-23-0036 SHEET 73 OF 114

SYM	REVISIONS	DATE	APPROVED



SITE GRADING PLAN

SCALE: 1" = 10'

N

GENERAL CONSTRUCTION NOTES:

1. THE LOCATION AND DEPTHS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR MUST INVESTIGATE THE AREA OF WORK TO IDENTIFY TO HIS OWN SATISFACTION THE EXTENT OF UTILITIES PRESENT INCLUDING THE UTILITIES INDICATED TO BE PRESENT, THOSE NOT SHOWN, AND THOSE SHOWN TO BE IN A DIFFERENT LOCATION.
2. PHYSICAL SITE FEATURES OUTSIDE THE AREA OF WORK, OR THOSE FEATURES NOT RELEVANT TO THE WORK BEING PERFORMED, ARE NOT SHOWN FOR CLARITY.
3. THE CONTRACTOR MUST MAINTAIN TRAFFIC FLOW DURING THE COURSE OF CONSTRUCTION. THE CONTRACTOR WILL DEVELOP A TRAFFIC CONTROL PLAN TO BE SUBMITTED TO THE CONTRACTING OFFICER FOR APPROVAL PRIOR TO START OF CONSTRUCTION.
4. ALL EXISTING VEGETATED AREAS DISTURBED DURING CONSTRUCTION MUST BE RESTORED IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN – SEE SHEET CG501.
5. COMPLETE ALL TRENCH SECTION IN ACCORDANCE WITH DETAIL B, SHEET CU501.
6. GRADE EVENLY BETWEEN ALL SPOT ELEVATIONS SHOWN.

NEW WORK ITEMS (THIS SHEET):

1. FILL AND GRADE AREA TO FINISH GRADES SHOWN AND VEGETATE IN ACCORDANCE WITH THE PROJECT VEGETATION PLAN.
2. PROVIDE SILT FENCE. SEE DETAIL A, SHEET CG503.

DISCLOSURE OF INFORMATION

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C-168

10 0 5 10 20

GRAPHIC SCALE: 1" = 10'

SITE MAPPING AND SITE DESIGN BY:

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 15738 JOHN K. AVOLIS

AE PROJECT # 24014

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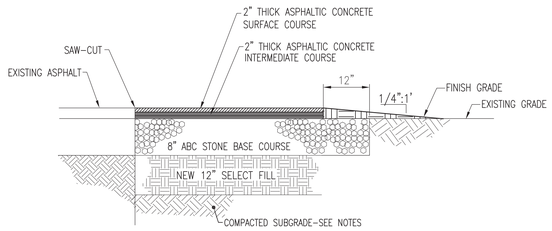
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SHP308A

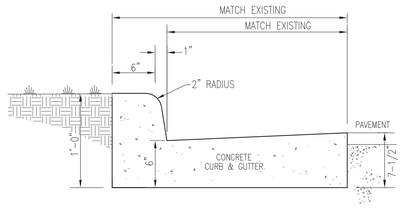
SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041149
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 74 OF 114

SYM	REVISIONS	DATE	APPROVED



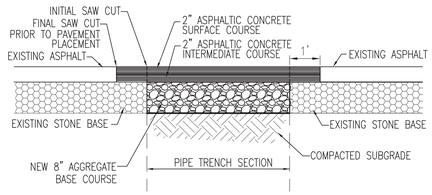
NOTES:
1. ANY VOIDS CREATED BY DEMOLITION ACTIVITIES SHALL BE FILLED WITH SELECT FILL PRIOR TO INSTALLING THE PAVEMENT SECTION.

A PAVEMENT SECTION
NOT TO SCALE

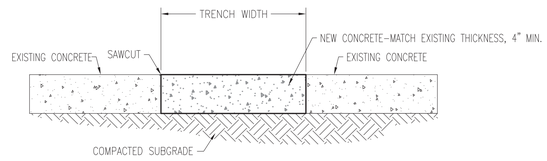


NOTES:
1. CONTRACTION JOINTS SHALL BE PLACED 10'-0" O.C. TO A MINIMUM DEPTH OF 1-1/2".
2. CONTRACTION JOINTS SHALL BE FILLED COMPLETELY WITH A JOINT FILLER SUITABLE FOR THE APPLICATION.
3. EXPANSION JOINTS SHALL BE PLACED 80' O.C. AND ADJACENT TO ALL FIXED OBJECTS (WALLS, WALKS, ETC.)
4. PROVIDE AT ELEVATIONS SHOWN. SLOPE CURB & GUTTER EVENLY BETWEEN SPOT ELEVATIONS.

E CURB AND GUTTER PATCH
NOT TO SCALE

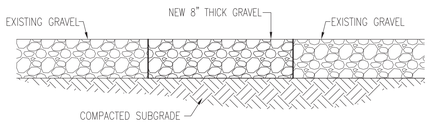


B ASPHALT PATCH
NOT TO SCALE



NOTE: REMOVE CONCRETE AT JOINTS WHEN JOINTS ARE LOCATED WITHIN 5 FEET OF AREA OF WORK. CONCRETE FINISH & JOINT PATTERN SHALL MATCH EXISTING.

C CONCRETE SLAB PATCH
NOT TO SCALE



D GRAVEL PATCH
NOT TO SCALE

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CS501

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NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
DETAILS

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041150
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 75 OF 114

SITE MAPPING AND SITE DESIGN BY:
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(252) 633-0068 LICENSE NO. C-0706

AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED

EROSION AND SEDIMENT CONTROL NOTES

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE NORTH CAROLINA EROSION AND SEDIMENT CONTROL PLANNING DESIGN MANUAL (REVISED JUNE 2006).
2. THE CONTRACTOR SHALL APPLY PERMANENT OR TEMPORARY SOIL STABILIZATION TO ALL DENUDED OR DISTURBED AREAS WITHIN 7 DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. SOIL STABILIZATION MUST ALSO BE APPLIED TO DENUDED OR DISTURBED AREAS WHICH MAY NOT BE AT FINAL GRADE BUT WHICH WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. SOIL STABILIZATION MEASURES INCLUDE VEGETATIVE ESTABLISHMENT, MULCHING AND THE EARLY APPLICATION OF GRAVEL BASE MATERIAL ON AREAS TO BE PAVED.
3. ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION.
4. THE NPDES CONSTRUCTION PERMIT REQUIRES EROSION CONTROL DEVICES AND STORM OUTFALLS BE INSPECTED WEEKLY (EVERY 7 CALENDAR DAYS) AND WITHIN 24 HOURS OF A 0.5 INCH RAIN EVENT. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT THESE INSPECTIONS AND MAINTAIN RECORDS UNTIL THE AREA HAS STABILIZATION, EVIDENT BY 95% VEGETATIVE GROWTH FOR AREAS PROVIDED SEEDING. TO FACILITATE RAINFALL MONITORING A RAIN GAUGE IS REQUIRED TO BE ON SITE. ONCE STABILIZATION HAS BEEN ACCOMPLISHED INSPECTION RECORDS ARE TO BE FORWARDED TO THE GOVERNMENT AND ALL TEMPORARY EROSION/SEDIMENTATION CONTROL DEVICES REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH ALL PERMITS AND PLANS, ANY CHANGES MUST BE APPROVED BY THE STATE PRIOR TO EXECUTION. A COPY OF THE EROSION AND SEDIMENTATION CONTROL PLAN, LETTER OF APPROVAL, AND NPDES CONSTRUCTION PERMIT MUST BE MAINTAINED BY THE CONTRACTOR AT THE ONSITE OFFICE.
5. THE CONTRACTOR SHALL LIMIT SITE ACCESS BY CONSTRUCTION VEHICLES TO ENTRANCES PROTECTED BY A STONE CONSTRUCTION ENTRANCE. SEDIMENT SHALL BE REMOVED FROM PAVED AREAS ON A DAILY BASIS.
6. STOCKPILES OF SOIL AND OTHER ERODIBLE MATERIALS SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE CONTRACTOR IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION FOR STOCKPILES ON SITE AS WELL AS FOR MATERIALS TRANSPORTED FROM THE PROJECT SITE.
7. THE CONTRACTOR SHALL MONITOR AND TAKE PRECAUTIONS TO CONTROL DUST INCLUDING (BUT NOT LIMITED TO) USE OF WATER, MULCH, OR CHEMICAL DUST ADHESIVES AND CONTROL OF CONSTRUCTION SITE TRAFFIC.
8. FILTER EFFLUENT FROM DE-WATERING OPERATIONS THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE. IF DEWATERING IS REQUIRED, DISPOSE DEWATERING EFFLUENT WITHOUT DISCHARGE TO WATERS OF THE STATE OF NORTH CAROLINA (E.G. STORM DRAIN SYSTEMS, DRAINAGE SWALES, ETC). THE DEWATERING EFFLUENT WILL NOT BE ALLOWED TO POND, EXCEPT IN AREAS APPROVED BY THE CONSTRUCTION MANAGER. THE DEWATERING EFFLUENT SHALL NOT CONTAIN RAW SEWAGE FROM THE SEWAGE SYSTEM, DISCHARGE OF DEWATERING EFFLUENT INTO THE SANITARY SEWER SYSTEM IS NOT ALLOWED.
9. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ANY ADDITIONAL CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED NECESSARY BY THE PLAN APPROVING AUTHORITY.
10. TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE NOT TO BE REMOVED UNTIL ALL DISTURBED AREAS ARE STABILIZED. AFTER STABILIZATION IS COMPLETE. ALL MEASURES SHALL BE REMOVED WITHIN 30 DAYS. TRAPPED SEDIMENT SHALL BE SPREAD AND SEEDED.
11. ANY SEDIMENT THAT HAS BEEN TRANSPORTED BEYOND THE PROJECT LIMITS SHALL BE REMOVED. RESPONSIBLE MAINTENANCE CONTACT: DEPUTY PUBLIC WORKS OFFICER
12. OBTAIN BORROW MATERIALS REQUIRED IN EXCESS OF THOSE FURNISHED FROM EXCAVATIONS FROM SOURCES OUTSIDE OF GOVERNMENT PROPERTY. NO SOIL FROM CONSTRUCTION SITES SHALL LEAVE MARINE CORPS BASE CAMP LEJEUNE WITH THE EXCEPTION OF ENVIRONMENTAL REMEDIAL ACTIVITIES. SEE SOIL REMOVAL NOTE.

EROSION CONTROL SEQUENCE OF CONSTRUCTION

1. INSTALL RCP DRIVEWAY CULVERTS AND TEMPORARY CONSTRUCTION ENTRANCES.
2. INSTALL CULVERT INLET PROTECTION AND EROSION CONTROL PRODUCT AROUND CULVERTS AND CHECK DAMS IN ALL EXISTING DITCHES AND SWALES AS INDICATED.
3. INSTALL TEMPORARY SILT FENCE AROUND THE PERIMETER OF THE SITE AS INDICATED ON THE EROSION & SEDIMENT CONTROL PLAN PHASE 1.
4. INSTALL EXCAVATED DROP INLET PROTECTION/SEDIMENT TRAP AS SHOWN.
5. CLEAR AND GRUB THE SITE WITHIN LIMIT OF DISTURBANCE. ROUGH GRADE SITE, CONSTRUCT CHANNELS, INSTALL PROPOSED STORM DRAIN SYSTEM AND INLET PROTECTION. INSTALL OUTLET PROTECTION AT PROPOSED CULVERTS. NO STORMWATER SHALL BE CONVEYED TO BASINS UNTIL BASINS ARE 75% STABILIZED.
6. INSTALL BUILDING PAD, UTILITIES, AND SITE WORK.
7. FINISH SLOPES AROUND BUILDINGS UPON COMPLETION OF ROUGH GRADING. LEAVE SLIGHTLY ROUGH AND VEGETATE AND MULCH IMMEDIATELY.
8. COMPLETE FINAL GRADING FOR PARKING AREAS AND DRIVES AND STABILIZE WITH GRAVEL.
9. COMPLETE FINAL GRADING FOR THE BUILDING.
10. COMPLETE FINAL GRADING OF THE GROUNDS, TOPSOIL CRITICAL AREAS AND PERMANENTLY VEGETATE, LANDSCAPE AND MULCH.
11. INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY AND WITHIN 24 HOURS OF A 0.5 INCH-MEASURED RAINFALL EVENT. A RAIN GAUGE SHALL BE INSTALLED TO MEASURE RAINFALL EVENTS. REPAIR ANY DAMAGE IMMEDIATELY TO EROSION AND SEDIMENT CONTROL MEASURES.
12. INSPECT AND INSTALL ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH NCDEQ'S NEW SELF INSPECTION PROGRAM FOR EROSION AND SEDIMENTATION CONTROL. COPIES OF THE SELF INSPECTION REPORTS SHALL BE PROVIDED TO THE ROICC'S OFFICE.
13. AFTER SITE IS STABILIZED, REMOVE ALL TEMPORARY MEASURES AND INSTALL SOD ON DISTURBED AREAS.

TEMPORARY SEEDING SCHEDULE

NOTE:
TEMPORARY SEED MIX SHALL BE USED FOR ALL AREAS EXPOSED GREATER THAN 15 WORKING DAYS AND SUBJECT TO FURTHER DISTURBANCE. AN ADEQUATE COVER SHALL HAVE 50 SPRIGS OF BERMUDA OR SERICEA LESPEDEZA PER ONE SQUARE FOOT.

TEMPORARY SEEDING AND MULCHING:
THE KINDS OF SEED AND FERTILIZER, AND THE RATES OF APPLICATION OF SEED, FERTILIZER, AND LIMESTONE, SHALL BE AS STATED BELOW. DURING PERIODS OF OVERLAPPING DATES, THE KINDS OF SEED TO BE USED SHALL BE DETERMINED BY THE ENGINEER. ALL ARE IN POUNDS PER ACRE (KILOGRAMS PER HECTARE).

TEMPORARY SUMMER SEED MIX

	SPECIES	RATE (LB. /ACRE)
MARCH 1 – SEPT. 1	GERMAN MILLET	120

TEMPORARY WINTER SEED MIX

	SPECIES	RATE (LB. /ACRE)
SEPT. 1 – MARCH 1	WINTER RYE (GRAIN)	200
	KOBE LESPEDEZA	120

APPROVED TALL FESCUE CULTIVARS:

		AMIGO	ANTHEM
ADVENTURE	ADVENTURE II	ARID	AUSTIN
APACHE	APACHE II	BONANZA II	CHAPEL HILL
BROOKSTONE	BONANZA	CORONADO	CROSSFIRE II
CHESAPEAKE	CHIEFTAIN	FALCON	FALCON II
DEBUTANTE	DUSTER	FINELAWN I	GENESIS
FINELAWN PETITE	FINELAWN	HOUNDOG	JAGUAR
GRANDE	GUARDIAN	KITTY HAWK	MONARCH
JAGUAR III	KENTUCKY 31	OLYMPIC	PACER
MONTAUK	MUSTANG	PYRAMID	REBEL
PHOENIX	PIXIE	RENEGADE	SAFARI
REBEL JR.	REBEL II	TITAN	TOMAHAWK
SHENANDOAH	TEMPO	VEGAS	WOLFPACK
TRAILBLAZER	TRIBUTE		
WRANGLER			

FERTILIZER SHALL BE 10-20-20 ANALYSIS. UPON WRITTEN APPROVAL OF THE ENGINEER, A DIFFERENT ANALYSIS OF FERTILIZER MAY BE USED PROVIDED THE 1-2-2 RATIO IS MAINTAINED AND THE RATE OF APPLICATION ADJUSTED TO PROVIDE THE SAME AMOUNT OF PLANT FOOD AS 10-20-20 ANALYSIS.

TEMPORARY SEEDING:
FERTILIZER SHALL BE THE SAME ANALYSIS AS SPECIFIED FOR "SEEDING AND MULCHING" AND APPLIED AT THE RATE OF 400 POUNDS (450 KILOGRAMS) AND SEEDED AT THE RATE OF 50 POUNDS (55 kg) PER HECTARE. SWEET SUDAN GRASS, GERMAN MILLET OR BROWNTOP MILLET SHALL BE USED IN SUMMER MONTHS AND RYE GRAIN DURING THE REMAINDER OF THE YEAR. THE ENGINEER WILL DETERMINE THE EXACT DATES FOR USING EACH KIND OF SEED.

TEMPORARY SEEDING SCHEDULE (CONT.)

FERTILIZER TOPDRESSING:
FERTILIZER USED FOR TOPDRESSING ON ALL ROADWAY AREAS EXCEPT SLOPES 2:1 AND STEEPER SHALL BE 10-20-20. UPON WRITTEN APPROVAL OF THE ENGINEER, A DIFFERENT ANALYSIS OF FERTILIZER MAY BE USED PROVIDED GRADE AND SHALL BE APPLIED AT THE RATE OF APPLICATION ADJUSTED TO PROVIDE THE SAME AMOUNT OF PLANT FOOD AS 10-20-20 ANALYSIS.

FERTILIZER USED FOR TOPDRESSING ON SLOPES 2:1 AND STEEPER AND WASTE AND BORROW AREAS SHALL BE 16-8-8 GRADE AND SHALL BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE (560 KG PER HECTARE). UPON WRITTEN APPROVAL OF THE ENGINEER, A DIFFERENT ANALYSIS OF FERTILIZER MAY BE USED PROVIDED THE 2-1-1 RATIO IS MAINTAINED AND THE RATE OF APPLICATION ADJUSTED TO PROVIDE THE SAME AMOUNT OF PLANT FOOD AS 16-8-8 ANALYSIS.

THE KINDS OF SEED AND PROPORTIONS SHALL BE THE SAME AS SPECIFIED FOR "TEMPORARY SEEDING AND MULCHING", WITH THE EXCEPTION THAT NO CENTIPEDE SEED WILL BE USED IN THE SEED MIX FOR SUPPLEMENTAL SEEDING. THE RATE OF APPLICATION FOR SUPPLEMENTAL SEEDING MAY VARY FROM 25# TO 75# PER ACRE (28KG TO 85KG PER HECTARE). THE ACTUAL RATE PER ACRE (HECTARE) WILL BE DETERMINED BY THE ENGINEER PRIOR TO THE TIME OF TOPDRESSING AND THE CONTRACTOR WILL BE NOTIFIED IN WRITING OF THE RATE PER ACRE (HECTARE), TOTAL QUANTITY NEEDED, AND AREAS ON WHICH TO APPLY THE SUPPLEMENTAL SEED. MINIMUM TILLAGE EQUIPMENT, CONSISTING OF SOD SEEDER SHALL BE USED FOR INCORPORATING SEED INTO THE SOIL AS TO PREVENT DISTURBANCE OF EXISTING VEGETATION. A CLODBUSTER (BALL AND CHAIN) MAY BE USED WHERE DEGREE OF SLOPE PREVENTS THE USE OF A SOD SEEDER.

MOWING:
THE MINIMUM MOWING HEIGHT ON THIS PROJECT SHALL BE 4 INCHES (100 MM).

CRIMPING STRAW MULCH:
CRIMPING SHALL BE REQUIRED ON THIS PROJECT FOR ALL SEEDING OPERATIONS PER
NCDENR.

STRAW MULCH TO BE OF SUFFICIENT LENGTH AND QUALITY TO WITHSTAND THE CRIMPING
OPERATION AND PROVIDE ADEQUATE GROUND COVER.

CRIMPING EQUIPMENT INCLUDING POWER SOURCE SHALL BE SUBJECT TO THE APPROVAL
OF THE ENGINEER PROVIDING THAT MAXIMUM SPACING OF CRIMPER BLADES SHALL NOT
EXCEED 8 INCHES (200 MM).

SOIL AMENDMENTS:
TO BE INCORPORATED INTO THE TOP 3 INCHES OF SOIL IN AREAS WITH SLOPES 2:1 OR FLATTER

- APPLY FERTILIZER (10-10-10) AT A RATE OF 1000 LB/ACRE
- APPLY LIME (GROUND AGRICULTURAL LIMESTONE) AT A RATE OF 4000 LB/ACRE
- APPLY SUPERPHOSPHATE (0-49-0) AT A RATE OF 200 LB/ACRE

MULCH:
APPLY 4,000 LB/ACRE GRAIN STRAW OR EQUIVALENT COVER. ANCHOR MULCH WITH ROVING, NETTING OR BY TACKING WITH ASPHALT EMULSION AT A RATE OF 400 GAL./ACRE

WATER:
MINIMUM OF 1" OF RAINFALL A WEEK (IF NOT SUPPLIED NATURALLY, CONTRACTOR SHALL SUPPLY THE REMAINING AMOUNT UNTIL GROUND COVER HAS BEEN ESTABLISHED).

MAINTENANCE:
REFERTILIZE IN THE SECOND YEAR UNLESS THE GROWTH IS FULLY ADEQUATE. MOW WHEN
THE AVERAGE PLANT HEIGHT EXCEEDS 6 INCHES. RESEED, FERTILIZE AND MULCH DAMAGED AREAS IMMEDIATELY.

TEMPORARY SEED BED PREPARATION

1. RIP THE ENTIRE AREA TO 6" DEPTH.
2. REMOVE ALL LOOSE ROCK, ROOTS, AND OTHER OBSTRUCTIONS LEAVING SURFACE REASONABLY SMOOTH AND UNIFORM.
3. APPLY AGRICULTURAL LIME, FERTILIZER, AND SUPERPHOSPHATE IN ACCORDANCE WITH "SEEDING SCHEDULE" AND MIX WITH SOIL.
4. CONTINUE TILLAGE UNTIL A WELL -PULVERIZED, FIRM, REASONABLY UNIFORM SEEDBED IS PREPARED 4 TO 6 INCHES DEEP.
5. SEED ON A FRESHLY PREPARED SEEDBED AND COVER SEED LIGHTLY WITH SEEDING EQUIPMENT OR CULTIPACK AFTER SEEDING. SEED ACCORDING TO "SEEDING SCHEDULE."
6. MULCH IN ACCORDANCE WITH "SEEDING SCHEDULE" IMMEDIATELY AFTER SEEDING.
7. INSPECT ALL SEEDING FOR COMPLIANCE WITH THE REQUIREMENTS OF THE "SEEDING SCHEDULE". MAKE NECESSARY REPAIRS AND RESEED WITHIN THE PLANTING SEASON, IF POSSIBLE, OR THE DAMAGED AREA SHALL BE REESTABLISHED FOLLOWING THE ORIGINAL LIME, FERTILIZER, AND SEEDING REQUIREMENTS.

PERMANENT GROUND COVER

PROVIDE CENTIPEDE SOD FOR ALL DENUDED AREAS.

GROUND COVER NOTE

PURSUANT TO G.S. 133-A57(2), THE ANGLE FOR GRADED SLOPES AND FILLS SHALL BE NO GREATER THAN THE ANGLE THAT CAN BE RETAINED BY VEGETATIVE COVER OR OTHER ADEQUATE EROSION-CONTROL DEVICES OR STRUCTURES. IN ANY EVENT, SLOPES LEFT EXPOSED WILL BE PLANTED OR OTHERWISE PROVIDED WITH TEMPORARY OR PERMANENT GROUND COVER, DEVICES, OR STRUCTURES SUFFICIENT TO RESTRAIN EROSION.
PURSUANT TO G.S. 113A-57(3), PROVISIONS FOR PERMANENT GROUNDCOVER SUFFICIENT TO RESTRAIN EROSION MUST BE ACCOMPLISHED FOR ALL DISTURBED AREAS (AS SHOWN BELOW) FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.

GROUND STABILIZATION

THE NPDES PERMIT (SECTION II. 8.2) HAS RECENTLY REVISED THE REQUIREMENTS FOR GROUND STABILIZATION. STABILIZATION SHALL BE ACCOMPLISHED AS FOLLOWS:

PERIMETER DIKES, SWALES, DITCHES AND SLOPES	WITHIN 7 DAYS
HIGH QUALITY WATER (HQW) ZONES	WITHIN 7 DAYS
SLOPES STEEPER THAN 3:1	WITHIN 7 DAYS
SLOPES 3:1 OR FLATTER	WITHIN 14 DAYS
ALL OTHER AREAS W/ SLOPES FLATTER THAN 4:1	WITHIN 14 DAYS

SOIL REMOVAL NOTES

1. NO SOIL FROM CONSTRUCTION SITES SHALL LEAVE MARINE CORPS BASE CAMP LEJEUNE WITH THE EXCEPTION OF ENVIRONMENTAL REMEDIAL ACTIVITIES. DISPOSE OF ANY SURPLUS SOIL THAT CANNOT BE REUSED ON ITS ORIGINATING SITE TO ONE OF THE FOLLOWING LOCATIONS:
   A. AREAS MANAGED BY G-3/5 FOR REUSE ON TRAINING AREA FOR VARIOUS MAINTENANCE ACTIVITIES.
   B. 3.1 ACRE STORAGE EAST OF OP-4 ON SNEADS FERRY ROAD
   C. 3.5 ACRE STORAGE WITHIN TLZ CONDOR OFF VERONA LOOP ROAD
2. PRIOR TO DELIVERING SOIL TO THESE STOCKPILE LOCATIONS, THE FOLLOWING MUST BE CONDUCTED:

A. COORDINATE WITH G-3/5, MR. DAVE LYNCH OR MR. BILL VAN PELT, MCI EAST-MCB CLJ AT (910) 451-5772/8779, TO DETERMINE CAPACITY AVAILABLE AT THE STORAGE LOCATIONS.

B. ALL SOILS WILL BE CLEAR OF DELETERIOUS ORGANIC MATERIAL SUCH AS BRUSH, STUMPS, ROOTS AND TIMBER AND REUSE AND CONSTRUCTION DEBRIS.

C. CONTACT POINT OF CONTACTS LISTED ABOVE 7 TO 10 DAYS IN ADVANCE TO COORDINATE DELIVERY OF MATERIAL AT THE STORAGE LOCATIONS.

D. SOIL CONTAINING DEBRIS OR CHEMICALS CANNOT BE DISPOSED AT THE STOCKPILE LOCATIONS. IF CONTAMINATED SOILS ARE SUSPECTED OR CONFIRMED THROUGH PRESENCE OF UXO, ODORS, OR VISUAL STAINING, AFFECTED SOILS MUST BE PROPERLY TESTED, MANIFESTED, AND DISPOSED OF IN ACCORDANCE WITH RCRA REGULATIONS. CONTACT BASE EMD, ER PROGRAMS MANAGER, FOR MORE INFORMATION.

NOTE:
ALL FILL MATERIAL NEEDED TO EXECUTE THIS PROJECT MUST BE OBTAINED FROM AN NCDEQ NCDEMLR PERMITTED BORROW PIT.

NOTE:
NO WETLANDS OR SURFACE WATERS EXIST WITHIN THE LIMITS OF CONSTRUCTION.

A EROSION CONTROL NOTES
NOT TO SCALE

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
(A) THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF MEDIUM (E.G., FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS:
(1) THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
(2) THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.
(B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
(C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER HIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

CG501

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068
LICENSE NO. C-0706

Digitally signed by John K Avolis
SEAL 15736 JOHN K. AVOLIS REGISTERED PROFESSIONAL ENGINEER
AE PROJECT # 24014

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
DETAILS

SIZE E1 | CODE IDENT. NO - | NAVFAC DRAWING NO. 60041151
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 76 OF 114

SYM	REVISIONS	DATE	APPROVED

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT

Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes

Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	-7 days for slopes greater than 50' in length and with slopes steeper than 4:1 -7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	-7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones -10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
· Temporary grass seed covered with straw or other mulches and tackifiers · Hydroseeding · Rolled erosion control products with or without temporary grass seed · Appropriately applied straw or other mulch · Plastic sheeting	· Permanent grass seed covered with straw or other mulches and tackifiers · Geotextile fabrics such as permanent soil reinforcement matting · Hydroseeding · Shrubs or other permanent plantings covered with mulch · Uniform and evenly distributed ground cover sufficient to restrain erosion · Structural methods such as concrete, asphalt or retaining walls · Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

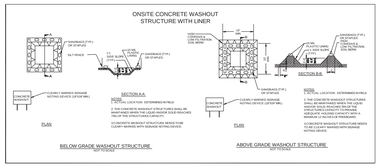
1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



CONCRETE WASHOUTS

1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leavings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leavings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

NCG01 GROUND STABILIZATION AND MATERIALS HANDLING

EFFECTIVE: 04/01/19

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION A: SELF-INSPECTION

Self-inspections are required during normal business hours in accordance with the table below. When adverse weather or site conditions would cause the safety of the inspection personnel to be in jeopardy, the inspection may be delayed until the next business day on which it is safe to perform the inspection. In addition, when a storm event of equal to or greater than 1.0 inch occurs outside of normal business hours, the self-inspection shall be performed upon the commencement of the next business day. Any time when inspections

Inspect	Frequency (during normal business hours)	Inspection records must include:
(1) Rain gauge maintained in good working order	Daily	Daily rainfall amounts. If no daily rain gauge observations are made during weekend or holiday periods, and no individual-day rainfall information is available, record the cumulative rain measurement for those un-attended days (and this will determine if a site inspection is needed). Days on which no rainfall occurred shall be recorded as "zero." The permittee may use another rain-monitoring device approved by the Division.
(2) E&SC Measures	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the measures inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Indication of whether the measures were operating properly, 5. Description of maintenance needs for the measure, 6. Description, evidence, and date of corrective actions taken.
(3) Stormwater discharge outfalls (SDOs)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	1. Identification of the discharge outfalls inspected, 2. Date and time of the inspection, 3. Name of the person performing the inspection, 4. Evidence of indicators of stormwater pollution such as oil sheen, floating or suspended solids or discoloration, 5. Indication of visible sediment leaving the site, 6. Description, evidence, and date of corrective actions taken.
(4) Perimeter of site	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If visible sedimentation is found outside site limits, then a record of the following shall be made: 1. Actions taken to clean up or stabilize the sediment that has left the site limits, 2. Description, evidence, and date of corrective actions taken, and 3. An explanation as to the actions taken to control future releases.
(5) Streams or wetlands onsite or offsite (where accessible)	At least once per 7 calendar days and within 24 hours of a rain event ≥ 1.0 inch in 24 hours	If the stream or wetland has increased visible sedimentation or a stream has visible increased turbidity from the construction activity, then a record of the following shall be made: 1. Description, evidence and date of corrective actions taken, and 2. Records of the required reports to the appropriate Division Regional Office per Part III, Section C, Item (2)(a) of this permit.
(6) Ground stabilization measures	After each phase of grading	1. The phase of grading (installation of perimeter E&SC measures, clearing and grubbing, installation of storm drainage facilities, completion of all land-disturbing activity, construction or redevelopment, permanent ground cover). 2. Documentation that the required ground stabilization measures have been provided within the required timeframe or an assurance that they will be provided as soon as possible.

NOTE: The rain inspection resets the required 7 calendar day inspection requirement.

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION B: RECORDKEEPING

1. E&SC Plan Documentation

The approved E&SC plan as well as any approved deviation shall be kept on the site. The approved E&SC plan must be kept up-to-date throughout the coverage under this permit. The following items pertaining to the E&SC plan shall be kept on site and available for

Item to Document	Documentation Requirements
(a) Each E&SC measure has been installed and does not significantly deviate from the locations, dimensions and relative elevations shown on the approved E&SC plan.	Initial and date each E&SC measure on a copy of the approved E&SC plan or complete, date and sign an inspection report that lists each E&SC measure shown on the approved E&SC plan. This documentation is required upon the initial installation of the E&SC measures or if the E&SC measures are modified after initial installation.
(b) A phase of grading has been completed.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate completion of the construction phase.
(c) Ground cover is located and installed in accordance with the approved E&SC plan.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate compliance with approved ground cover specifications.
(d) The maintenance and repair requirements for all E&SC measures have been performed.	Complete, date and sign an inspection report.
(e) Corrective actions have been taken to E&SC measures.	Initial and date a copy of the approved E&SC plan or complete, date and sign an inspection report to indicate the completion of the corrective action.

In addition to the E&SC plan documents above, the following items shall be kept on the site and available for inspectors at all times during normal business hours, unless the Division provides a site-specific exemption based on unique site conditions that make this requirement not practical:

(a) This General Permit as well as the Certificate of Coverage, after it is received.

(b) Records of inspections made during the previous twelve months. The permittee shall record the required observations on the Inspection Record Form provided by the Division or a similar inspection form that includes all the required elements. Use of electronically-available records in lieu of the required paper copies will be allowed if shown to provide equal access and utility as the hard-copy records.

3. Documentation to be Retained for Three Years

All data used to complete the e-NOI and all inspection records shall be maintained for a period of three years after project completion and made available upon request. [40 CFR 122.41]

PART III
SELF-INSPECTION, RECORDKEEPING AND REPORTING

SECTION C: REPORTING

1. Occurrences that Must be Reported

Permittees shall report the following occurrences:

(a) Visible sediment deposition in a stream or wetland.

(b) Oil spills if:
- They are 25 gallons or more,
- They are less than 25 gallons but cannot be cleaned up within 24 hours,
- They cause sheen on surface waters (regardless of volume), or
- They are within 100 feet of surface waters (regardless of volume).

(c) Releases of hazardous substances in excess of reportable quantities under Section 311 of the Clean Water Act (Ref: 40 CFR 110.3 and 40 CFR 117.3) or Section 102 of CERCLA (Ref: 40 CFR 302.4) or G.S. 143-215.85.

(d) Anticipated bypasses and unanticipated bypasses.

(e) Noncompliance with the conditions of this permit that may endanger health or the environment.

2. Reporting Timeframes and Other Requirements

After a permittee becomes aware of an occurrence that must be reported, he shall contact the appropriate Division regional office within the timeframes and in accordance with the other requirements listed below. Occurrences outside normal business hours may also be reported to the Department's Environmental Emergency Center personnel at (800) 858-0368.

Occurrence	Reporting Timeframes (After Discovery) and Other Requirements
(a) Visible sediment deposition in a stream or wetland	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the sediment and actions taken to address the cause of the deposition. Division staff may waive the requirement for a written report on a case-by-case basis. • If the stream is named on the NC 303(d) list as impaired for sediment-related causes, the permittee may be required to perform additional monitoring, inspections or apply more stringent practices if staff determine that additional requirements are needed to assure compliance with the federal or state impaired-waters conditions.
(b) Oil spills and release of hazardous substances per Item 1(b)-(c) above	• ***Within 24 hours***, an oral or electronic notification. The notification shall include information about the date, time, nature, volume and location of the spill or release.
(c) Anticipated bypasses (40 CFR 122.41(m)(3))	• ***A report at least ten days before the date of the bypass, if possible***. The report shall include an evaluation of the anticipated quality and effect of the bypass.
(d) Unanticipated bypasses (40 CFR 122.41(m)(3))	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that includes an evaluation of the quality and effect of the bypass.
(e) Noncompliance with the conditions of this permit that may endanger health or the environment(40 CFR 122.41(l)(7)]	• ***Within 24 hours***, an oral or electronic notification. • ***Within 7 calendar days***, a report that contains a description of the noncompliance, and its causes; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time noncompliance is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance. [40 CFR 122.41(l)(6). • Division staff may waive the requirement for a written report on a case-by-case basis.

PART II, SECTION G, ITEM (4)
DRAW DOWN OF SEDIMENT BASINS FOR MAINTENANCE OR CLOSE OUT

Sediment basins and traps that receive runoff from drainage areas of one acre or more shall use outlet structures that withdraw water from the surface when these devices need to be drawn down for maintenance or close out unless this is infeasible. The circumstances in which it is not feasible to withdraw water from the surface shall be rare (for example, times with extended cold weather). Non-surface withdrawals from sediment basins shall be allowed only when all of the following criteria have been met:

(a) The E&SC plan authority has been provided with documentation of the non-surface withdrawal and the specific time periods or conditions in which it will occur. The non-surface withdrawal shall not commence until the E&SC plan authority has approved these items,
(b) The non-surface withdrawal has been reported as an anticipated bypass in accordance with Part III, Section C, Item (2)(c) and (d) of this permit,
(c) Dewatering discharges are treated with controls to minimize discharges of pollutants from stormwater that is removed from the sediment basin. Examples of appropriate controls include properly sited, designed and maintained dewatering tanks, weir tanks, and filtration systems,
(d) Vegetated, upland areas of the sites or a properly designed stone pad is used to the extent feasible at the outlet of the dewatering treatment devices described in Item (c) above,
(e) Velocity dissipation devices such as check dams, sediment traps, and riprap are provided at the discharge points of all dewatering devices, and
(f) Sediment removed from the dewatering treatment devices described in Item (c) above is disposed of in a manner that does not cause deposition of sediment into waters of the United States.

NCG01 SELF-INSPECTION, RECORDKEEPING AND REPORTING

EFFECTIVE: 04/01/19

A **EROSION CONTROL NOTES**
NOT TO SCALE

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
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(B) REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE FOR RELEASE.
(C) THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER HIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

CG502

NRW ENGINEERING, P.C.
Consulting Structural Engineers
748 Lord Dunmore Dr., #101, Virginia Beach, VA 23464
tel 757-474-0813 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	J.K. AVOLIS, P.E.
DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

Digitally signed by John K Avolis
SEAL 15738 PROFESSIONAL ENGINEER JOHN K. AVOLIS

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

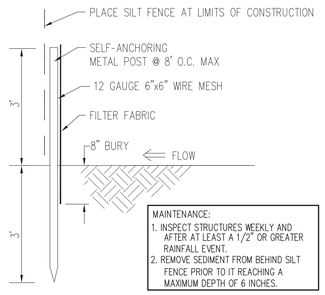
DETAILS

SIZE E1 | CODE IDENT. NO -
NAVFAC DRAWING NO. 60041152
CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 77 OF 114

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

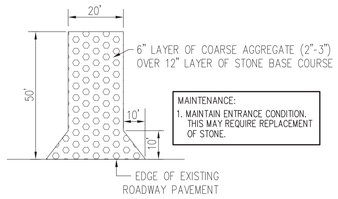
AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED



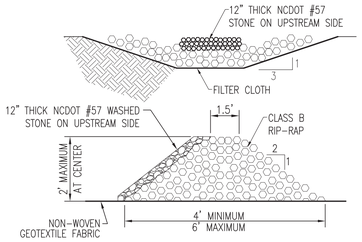
A SILT FENCE

NOT TO SCALE



B GRAVEL CONTROL ENTRANCE

NOT TO SCALE



MAINTENANCE

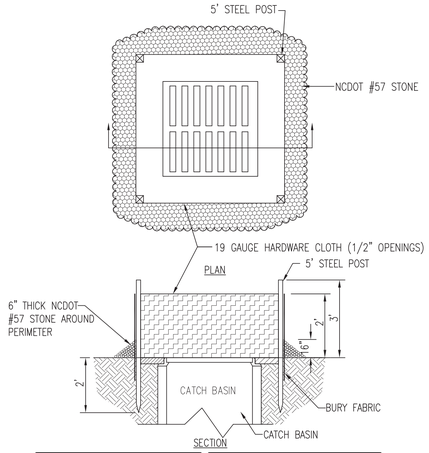
1. CONSTRUCT CHECK DAM OF RIP RAP STONE PLACED IN ACCORDANCE WITH DETAIL.

2. SEDIMENT BEHIND THE CHECK DAM SHALL BE REMOVED PRIOR TO THE LEVEL REACHING WITHIN 6" OF THE CENTERLINE CREST OF THE DAM.

3. SHOULD SCOUR DEVELOP AT THE DOWNSTREAM END, IT SHALL BE REPAIRED IMMEDIATELY.

C CHECK DAM

NOT TO SCALE



NOTE:
UNIFORMLY GRADE A SHALLOW DEPRESSION APPROACHING THE INLET.

NOTE:
PROVIDE DROP INLET PROTECTION AT ALL DRAINAGE STRUCTURES.

MAINTENANCE:
1. INSPECT STRUCTURES WEEKLY AND AFTER AT LEAST A 1/2" OR GREATER RAINFALL EVENT.
2. CLEAR DEBRIS AND REPLACE STONE AS NEEDED.
3. REMOVED ACCUMULATED SEDIMENT WHEN IT REACHES A MAXIMUM DEPTH OF 6 INCHES.

D DROP INLET PROTECTION

NOT TO SCALE

DISCLOSURE OF INFORMATION
CONTRACTOR SHALL COMPLY AS FOLLOWS:
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CG503

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
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CAMP LEJEUNE, NORTH CAROLINA

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DR.	J.K. AVOLIS, P.E.
CHK.	J.C. AVOLIS, P.E.
SUBMITTED BY:	J. WALKER
DESIGN DIR.	T.H. BURTON, PE
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 15739 ENGINEER JOHN K. AVOLIS

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

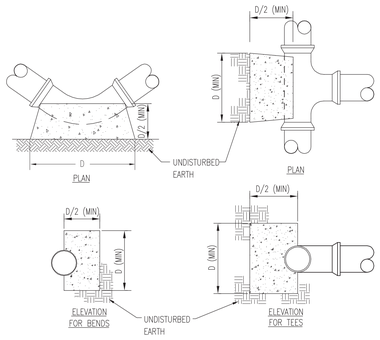
DETAILS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041153
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 78 OF 114

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

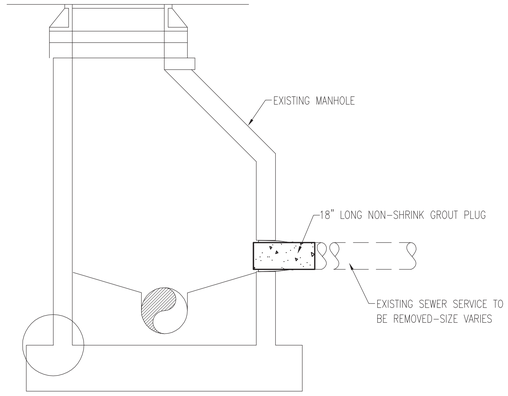
AE PROJECT # 24014

SYM	REVISIONS	DATE	APPROVED



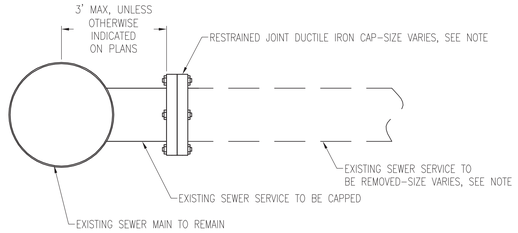
THRUST BLOCK DIMENSION D (IN FEET)					
NOM. PIPE DIA.	DEAD END	90° BEND	45° BEND	22 1/2° BEND	11 1/4° BEND
2"	1.0	1.2	1.0	0.7	0.7
4"	1.3	1.6	1.2	0.9	0.8
6"	2.1	2.3	1.7	1.2	0.8
8"	2.4	3.2	2.2	1.6	1.1

A THRUST BLOCK
NOT TO SCALE



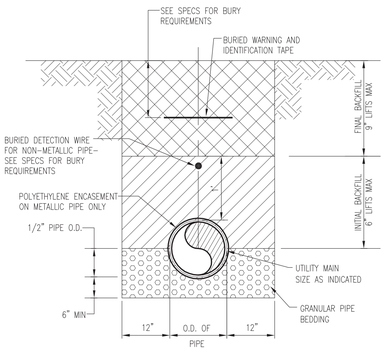
TERMINATION AT EXISTING MANHOLE

C SEWER MAIN TERMINATION
NOT TO SCALE

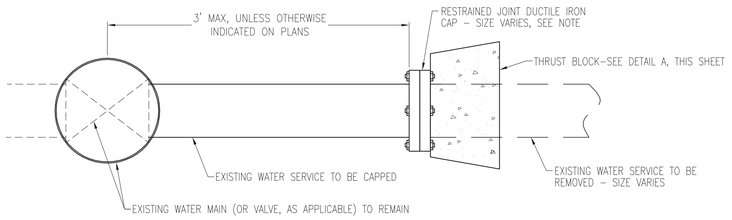


NOTE:
THE CONTRACTOR SHALL EXCAVATE AND CONFIRM THE EXISTING SEWER SERVICE PIPE DIAMETER AND MATERIAL PRIOR TO ORDERING THE CAP.

TERMINATION AT EXISTING SEWER MAIN WITH LATERAL



B TRENCH SECTION
NOT TO SCALE



NOTE:
THE CONTRACTOR SHALL EXCAVATE AND CONFIRM THE EXISTING WATER SERVICE PIPE DIAMETER AND MATERIAL PRIOR TO ORDERING THE CAP.

D CAP AT EXISTING WATER SERVICE
NOT TO SCALE

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CU501

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tel 757-474-0612 fax 757-474-0919

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. J.K. AVOLIS, P.E.
DR. J.K. AVOLIS, P.E.
CHK. J.C. AVOLIS, P.E.
SUBMITTED BY: J. WALKER
DESIGN DIR. T.H. BURTON, PE
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

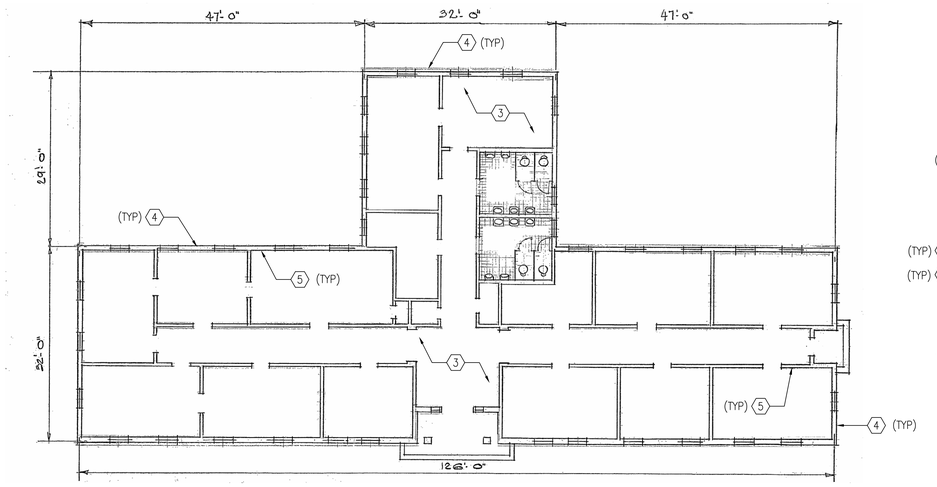
DETAILS

Digitally signed by John K Avolis
NORTH CAROLINA PROFESSIONAL SEAL 35739 ENGINEER JOHN K. AVOLIS

SITE MAPPING AND SITE DESIGN BY:
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
(252) 633-0068 LICENSE NO. C-0706

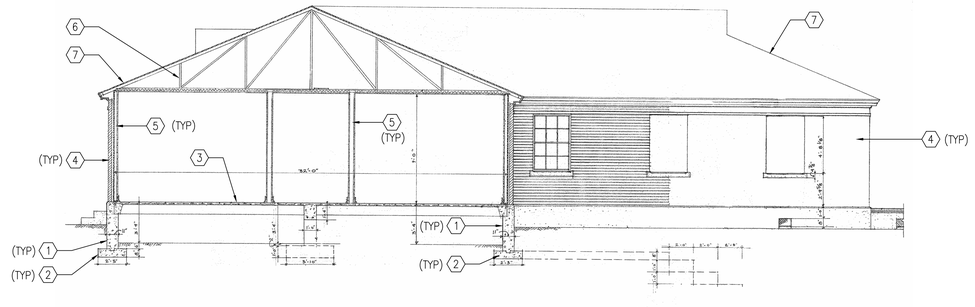
AE PROJECT # 24014

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	-	60041154
		CONST. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 79 OF 114



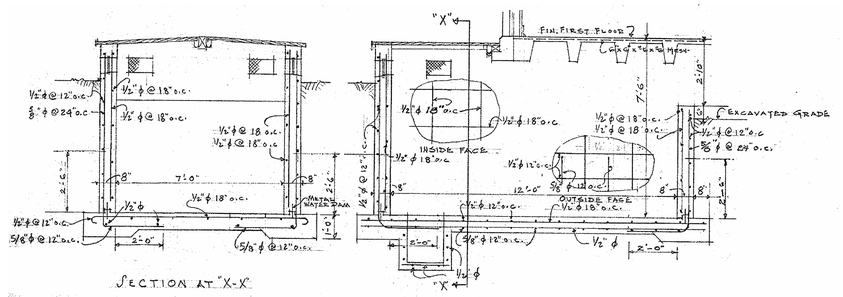
STRUCTURE 114 DEMOLITION FLOOR PLAN

NOT TO SCALE



STRUCTURE 114 DEMOLITION BUILDING SECTION

NOT TO SCALE



STRUCTURE 114 STEAM PIT DEMOLITION SECTIONS

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

9 PHOTO

10 PHOTO

11 PHOTO

12 PHOTO

13 PHOTO

STRUCTURE 114 EXISTING CONDITION PHOTOS

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOUNDATION WALL.
2. EXISTING CONCRETE FOOTING.
3. EXISTING CONCRETE PAN JOIST FLOOR SLAB.
4. EXISTING BRICK VENEER.
5. EXISTING 3⅝" STRAN-STEEL LIGHT GAUGE STUD WALL.
6. EXISTING STRAN-STEEL LIGHT GAUGE TRUSSES AT 24" OC.
7. EXISTING STANDING SEAM METAL ROOF OVER 2x WOOD ROOF SHEATHING.

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.
* ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN:
  EXTERIOR RESIDUAL CAULKING – 408LF
  12" CREAM VCT & MASTIC – 774SF

  (ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* WHITE CONCRETE FOUNDATION

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

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LICENSE NO. C-0706
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P.O. BOX 15564
NEW BERN, NC 28561
PH.(252) 633-0068

NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD101

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

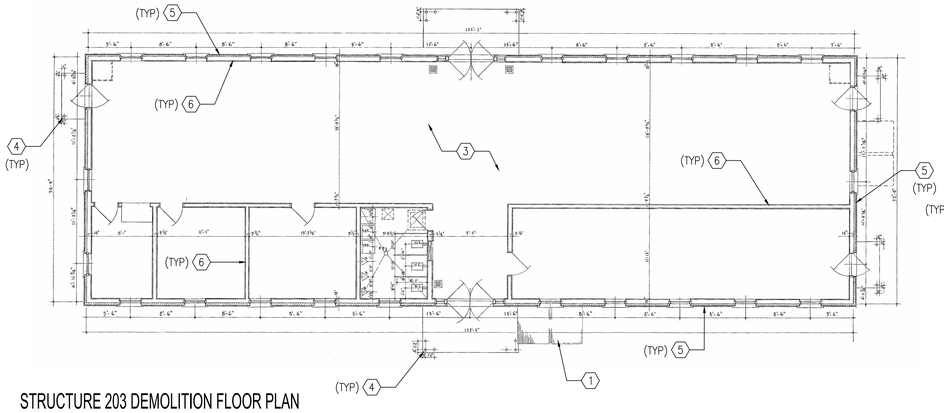
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 114 DEMOLITION FLOOR PLAN, BUILDING SECTIONS AND EXISTING CONDITION PHOTOS

DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE E1 | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 60041155 | CONSTR. CONTR. NO. N40085-23-B-0036

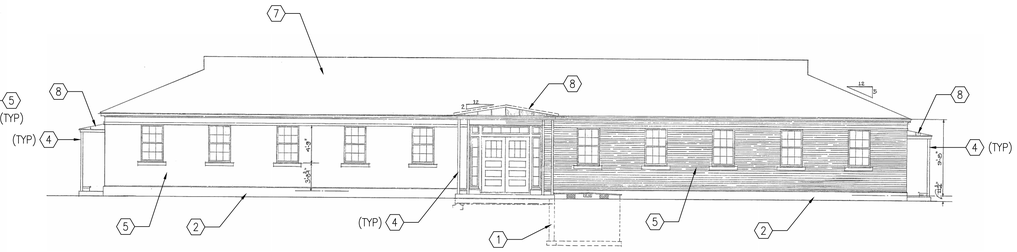
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 80 OF 114

REVISIONS			
SYM		DATE	APPROVED



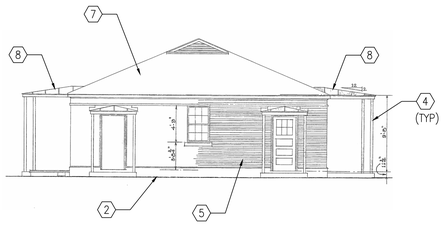
STRUCTURE 203 DEMOLITION FLOOR PLAN

NOT TO SCALE



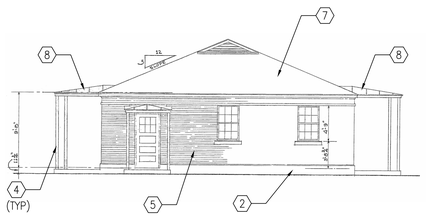
STRUCTURE 203 DEMOLITION FRONT AND REAR ELEVATION

NOT TO SCALE



STRUCTURE 203 DEMOLITION END ELEVATION

NOT TO SCALE



STRUCTURE 203 DEMOLITION END ELEVATION

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

PLAN NOTES

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2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE STEAM PIT ON CONCRETE FOUNDATION MAT.
2. EXISTING CONCRETE FOUNDATION WALL ON CONCRETE FOOTING.
3. EXISTING 5"± CONCRETE SLAB-ON-GRADE.
4. EXISTING 3"ø STEEL COLUMN.
5. EXISTING BRICK VENEER.
6. EXISTING STRAN-STEEL LIGHT GAUGE STUD WALL
7. EXISTING ASPHALT SHINGLES ON WOOD SHEATHING SUPPORTED STRAN-STEEL ROOF TRUSS AT 24" OC±.
8. EXISTING STANDING SEAM METAL ROOF.

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

* EXTERIOR TEXTURED CONCRETE- APPROXIMATELY 780SF.
* ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN:
  EXTERIOR RESIDUAL DOOR/WINDOW CAULKING- 368LF
  JOINT MATERIAL AT INTERIOR WALL SEAMS - 96SF

  (ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* WHITE INTERIOR PLASTER
* WHITE INTERIOR GYPSUM BOARD
* BLACK INTERIOR WOOD BASE
* WHITE INTERIOR WOOD DOOR FRAME
* WHITE EXTERIOR STEEL COLUMNS
* YELLOW EXTERIOR CONCRETE

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

9 PHOTO

10 PHOTO

11 PHOTO

12 PHOTO

STRUCTURE 203 EXISTING CONDITION PHOTOS

NOT TO SCALE

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B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

A-E
LICENSE NO. C-0706
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
PH.(252) 633-0068

NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022630 10-30-2024 KEVIN M. ROOMSBURG

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC — DATE
SATISFACTORY TO: — DATE

SD102

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

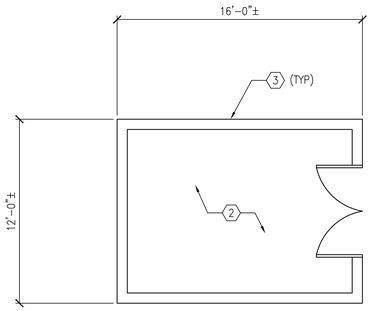
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE 203 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041156

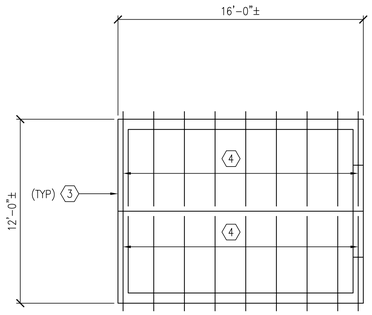
CONSTR. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 81 OF 114



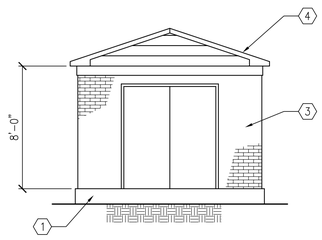
STRUCTURE 203A DEMOLITION FLOOR PLAN

NOT TO SCALE



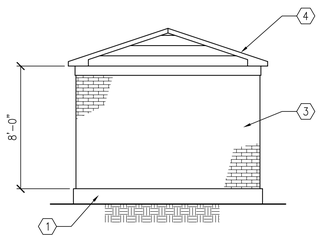
STRUCTURE 203A DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



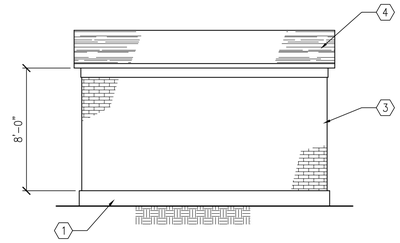
STRUCTURE 203A DEMOLITION FRONT ELEVATION

NOT TO SCALE



STRUCTUIRE 203A DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURE 203A DEMOLITION SIDE ELEVATION

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

STRUCTURE 203A EXISTING CONDITION PHOTOS

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOUNDATION WALL ON CONCRETE FOOTING.
2. EXISTING 5"± CONCRETE SLAB-ON-GRADE.
3. EXISTING 8"± SOLID BRICK WALL.
4. EXISTING ASPHALT SHINGLES ON WOOD SHEATHING SUPPORTED WOOD ROOF RAFTERS AND CEILING JOISTS AT 24" OC±.

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

* EXTERIOR TEXTURED CONCRETE– APPROXIMATELY 96SF.
* ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN:
  EXTERIOR CAULKING AT DOOR JAMB AND GABLE END TRIM– 20LF

  (ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* WHITE EXTERIOR WOOD

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

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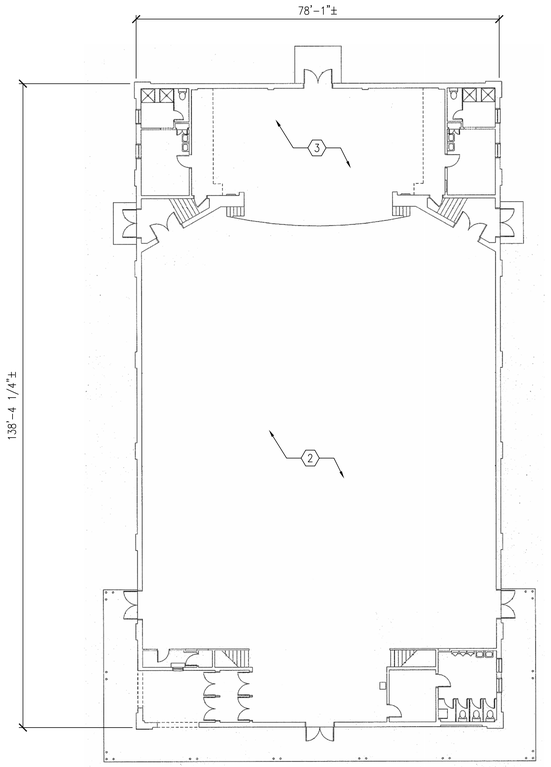
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 203A DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

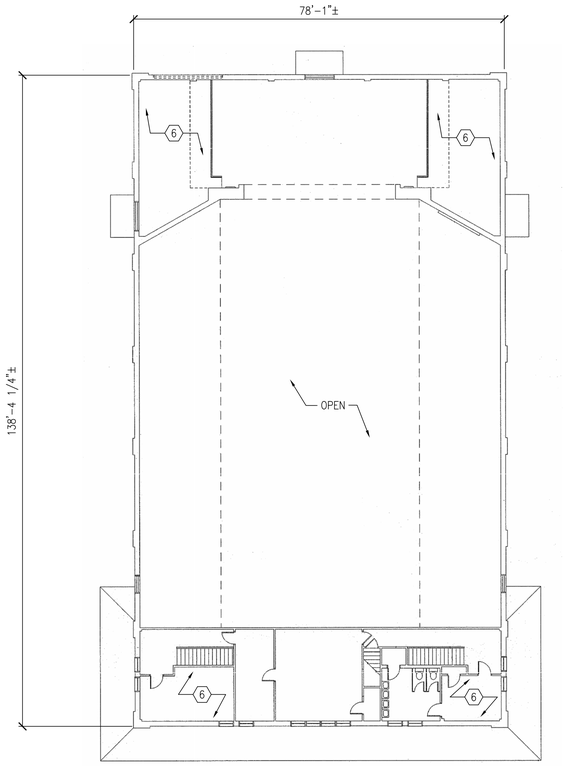
SIZE E1 | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 60041157
CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036

SD103



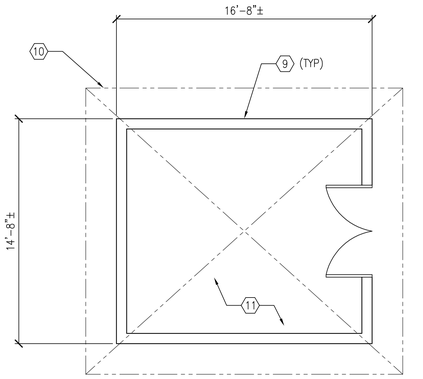
STRUCTURE 401 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



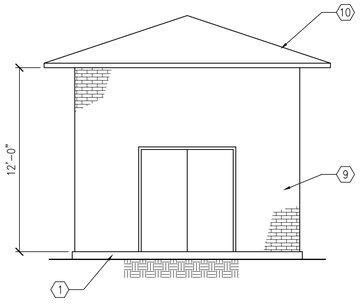
STRUCTURE 401 DEMOLITION MEZZANINE FLOOR PLAN

NOT TO SCALE



STRUCTURE 401A DEMOLITION FLOOR PLAN

NOT TO SCALE



STRUCTURE 401A DEMOLITION FRONT ELEVATION

NOT TO SCALE

1 PHOTO

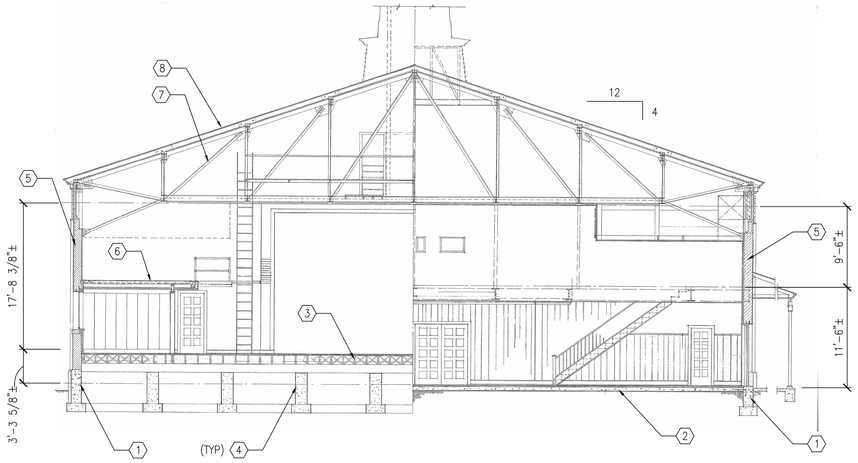
2 PHOTO

3 PHOTO

4 PHOTO

STRUCTURE 401A EXISTING CONDITION PHOTOS

NOT TO SCALE



STRUCTURE 401 DEMOLITION BUILDING SECTION

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS FOR STRUCTURE 401A AND SHEET SD201 FOR STRUCTURE 401.

KEYNOTES:

1. EXISTING CONCRETE FOUNDATION WALL ON CONCRETE FOOTING.
2. EXISTING 4"± CONCRETE SLAB-ON-GRADE.
3. EXISTING 2x12 WOOD STAGE FLOOR FRAMING AT 16" OC.
4. EXISTING CONCRETE PIERS ON CONCRETE FOOTINGS.
5. EXISTING SOLID BRICK WALL.
6. EXISTING 4"± CONCRETE MEZZANINE SLAB SUPPORTED ON STEEL BEAMS.
7. EXISTING WOOD ROOF TRUSS AT 24"± OC.
8. EXISTING ASPHALT SHINGLES ON WOOD ROOF SHEATHING.
9. EXISTING BRICK VENEER WITH ASSUMED 2x6 WOOD STUD WALLS
10. EXISTING ASPHALT SHINGLES ON ASSUMED WOOD ROOF SHEATHING ON ASSUMED 2x WOOD ROOF FRAMING AT 24" OC.
11. ASSUMED EXISTING CONCRETE SLAB-ON-GRADE.

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON JULY 29TH 2024 WITH THE FOLLOWING RESULTS:

* BUILDING 401- EXTERIOR WINDOW/DOOR CAULK- APPROXIMATELY 300LF.
* BUILDING 401A- NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* BLACK METAL RAILING
* GREEN GYPSUM BOARD IN ATTIC
* BLACK INTERIOR WOOD
* WHITE EXTERIOR STEEL COLUMNS
* EXTERIOR WHITE CONCRETE
* INTERIOR WHITE BRICK
* STRUCTURE 401A- NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

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SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

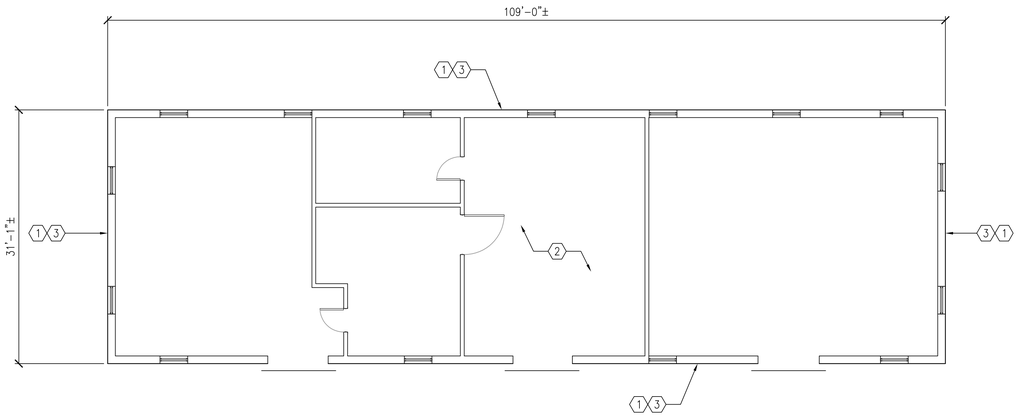
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 401 AND 401A DEMOLITION PLANS, ELEVATION, SECTION AND EXISTING CONDITION PHOTOS

SIZE E1 | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 60041158
CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 83 OF 114

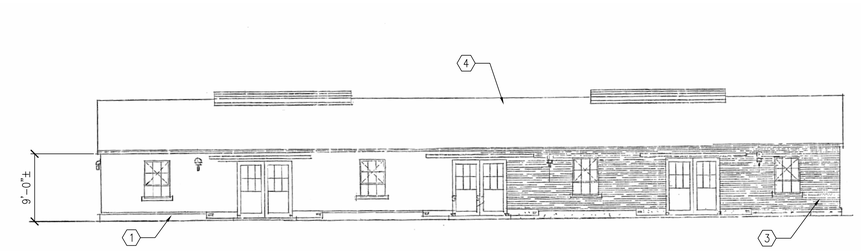
SD104

REVISIONS			
SYM		DATE	APPROVED



STRUCTURE 528 DEMOLITION FLOOR PLAN

NOT TO SCALE



STRUCTURE 528 DEMOLITION FRONT ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'–0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOUNDATION WALL SUPPORTED ON CONCRETE FOOTING.
2. EXISTING 5"± CONCRETE SLAB–ON–GRADE.
3. EXISTING BRICK VENEER ON LIGHT GAUGE METAL STUDS.
4. EXISTING ASPHALT SHINGLES ON 2x WOOD ROOF SHEATHING SUPPORTED ON LIGHT GAUGE METAL TRUSSES AT 24"± OC.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

- WHITE INTERIOR BRICK
- RED INTERIOR BRICK
- CREAM INTERIOR GYPSUM BOARD
- RED INTERIOR WOOD
- WHITE INTERIOR WOOD
- WHITE EXTERIOR CONCRETE
- YELLOW STEEL DOOR FRAME
- GRAY ROOF VENT

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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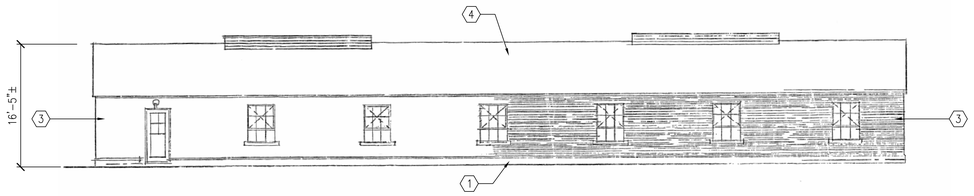
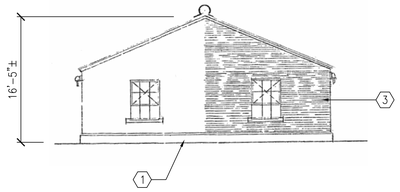


STRUCTURE 528 DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURE 528 DEMOLITION END ELEVATIONS

NOT TO SCALE

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

- CAULK AT ROOF VENT– APPROXIMATELY 36LF.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

1 PHOTO

2 PHOTO

3 PHOTO

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6 PHOTO

7 PHOTO

8 PHOTO

9 PHOTO

10 PHOTO

11 PHOTO

12 PHOTO

STRUCTURE 528 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022650 10-30-2024 KEVIN M. ROOMSBURG

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NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

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DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

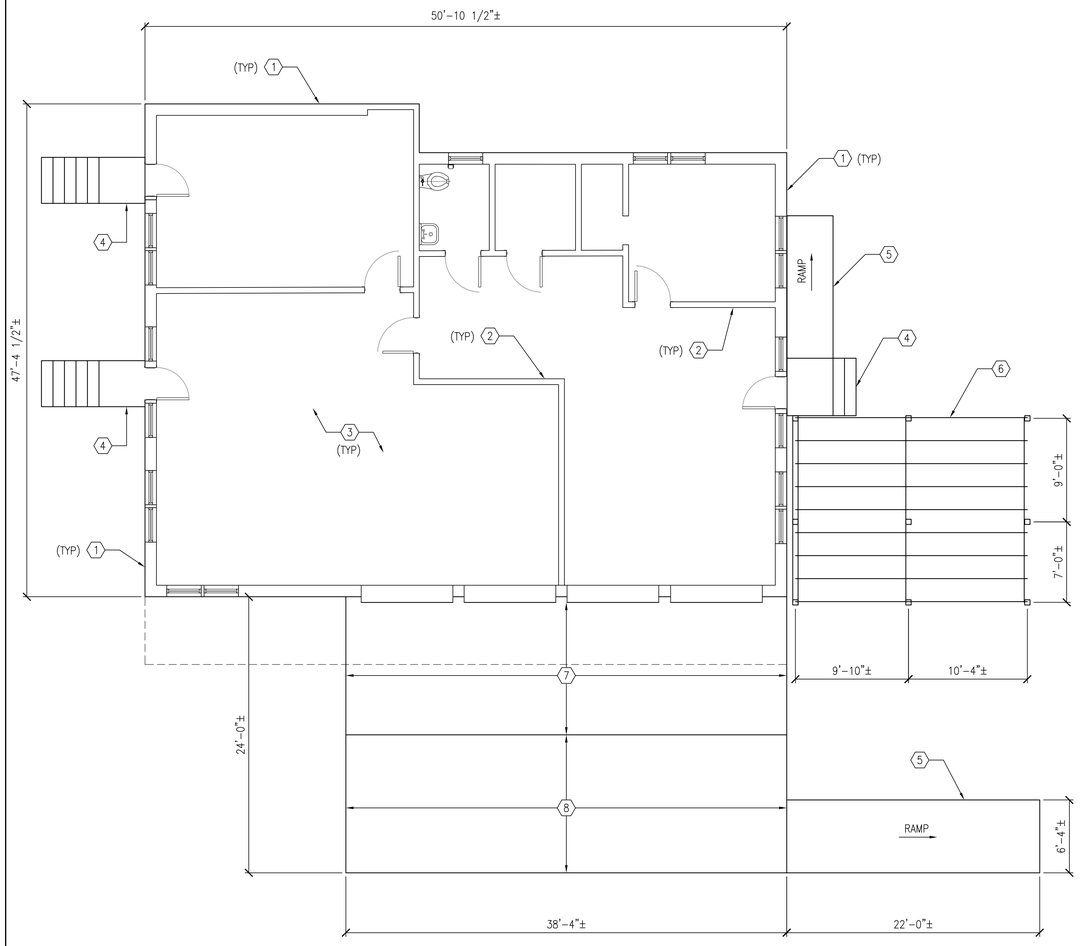
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 528 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041159

CONSTR. CONTR. NO. N40085-23-B-0036

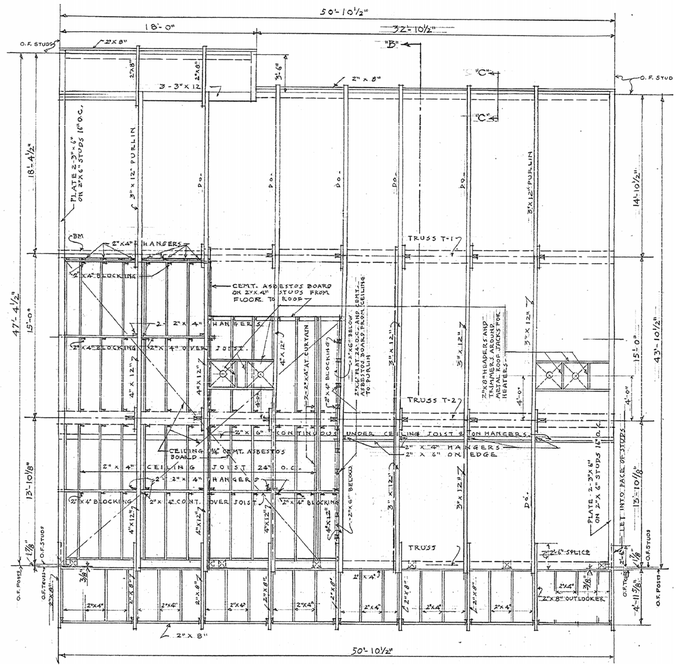
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 84 OF 114

SD105



STRUCTURE 728 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



STRUCTURE 728 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING 2x WOOD STUD FRAMED WALL WITH VINYL SIDING.
2. EXISTING 2x WOOD STUD FRAMED WALL
3. EXISTING 2x WOOD FRAMED FLOOR.
4. EXISTING 2x WOOD FRAMED STAIRS
5. EXISTING 2x WOOD FRAMED RAMP TO REMAIN.
6. EXISTING CORRUGATED METAL ROOF DECK ON 2x6 WOOD ROOF FRAMING ON 6x6 WOOD POST.
7. EXISTING 2x8 WOOD FRAMED DECK TO BE DEMOLISHED.
8. EXISTING 2X8 WOOD FRAMED DECK TO REMAIN. REFER TO CIVIL DRAWINGS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

<u>LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:</u>

* WHITE GYPSUM BOARD
* WHITE WOOD STRUCTURE

<u>REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED</u>. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

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9 PHOTO

STRUCTURE 728 EXISTING CONDITION PHOTOS - BUILDING 401

NOT TO SCALE

<u>DISCLOSURE OF INFORMATION</u>

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

A·E LICENSE NO. C-0706
AVOLIS ENGINEERING, P.A.
P.O. BOX 15564
NEW BERN, NC 28561
PH.(252) 633-0068

NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG
10-30-2024

NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-3564

SD106

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 728 DEMOLITION PLANS AND EXISTING CONDITION PHOTOS

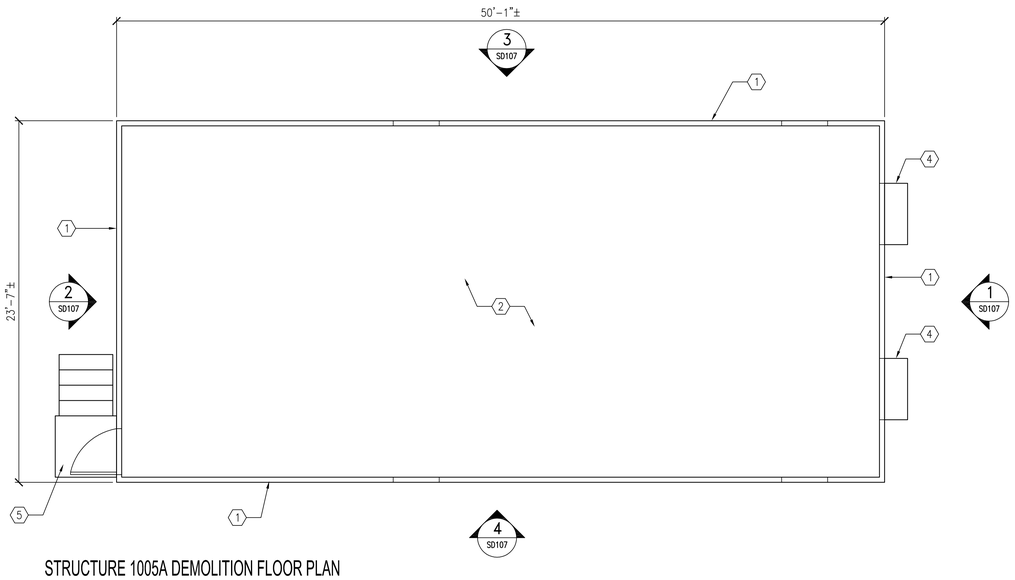
DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041160

CONSTR. CONTR. NO. N40085-23-B-0036

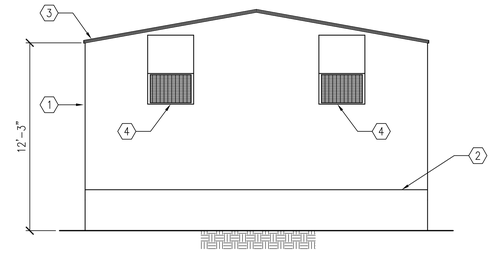
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 85 OF 114

REVISIONS			
SYM		DATE	APPROVED



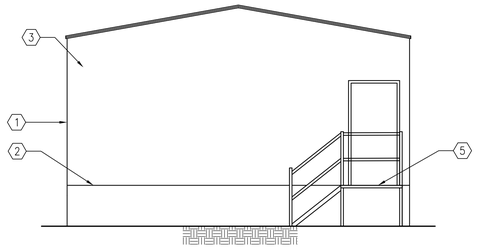
STRUCTURE 1005A DEMOLITION FLOOR PLAN

NOT TO SCALE



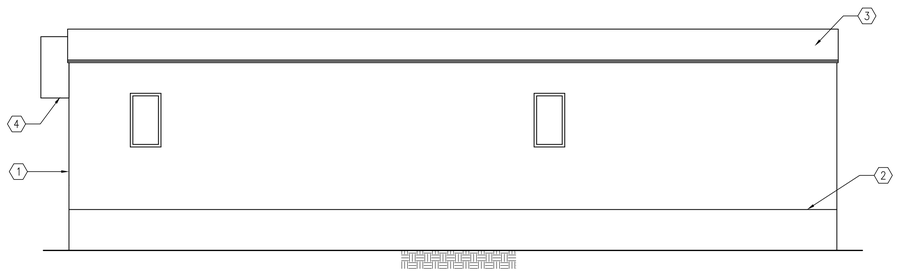
1 STRUCTURE 1005A DEMOLITION ELEVATION

NOT TO SCALE SD107



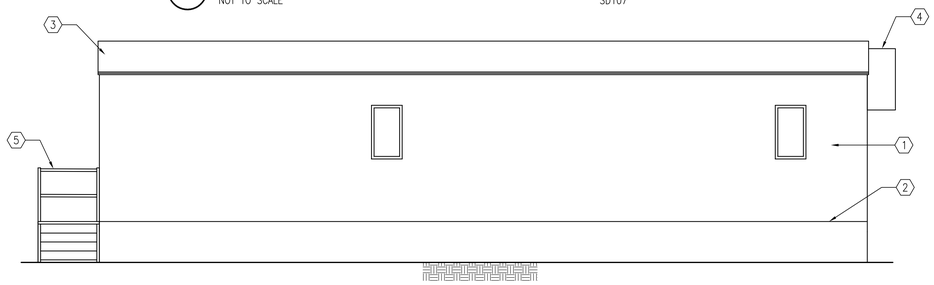
2 STRUCTURE 1005A DEMOLITION ELEVATION

NOT TO SCALE SD107



3 STRUCTURE 1005A DEMOLITION ELEVATION

NOT TO SCALE SD107



4 STRUCTURE 1005A DEMOLITION ELEVATION

NOT TO SCALE SD107

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING MODULAR STRUCTURE EXTERIOR WALLS WITH EXTERIOR CORRUGATED METAL SIDING.
2. EXISTING MODULAR STRUCTURE FLOOR ON STEEL FOUNDATION FRAME ON CMU PIERS.
3. EXISTING MODULAR CORRUGATED STEEL ROOF.
4. EXISTING AIR CONDITION UNIT.
5. EXISTING ALUMINUM STAIRS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/29/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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1 PHOTO

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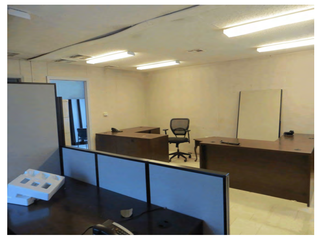
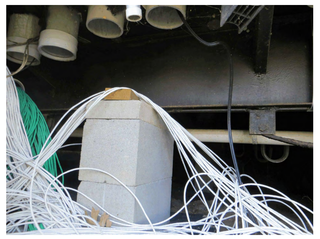


7 PHOTO



8 PHOTO

9 PHOTO

STRUCTURE 1005A EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

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PH.(252) 633-0068

NRW ENGINEERING
NRW Engineering, P.C.
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Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022630 10-30-2024 KEVIN M. ROOMSBURG

SD107

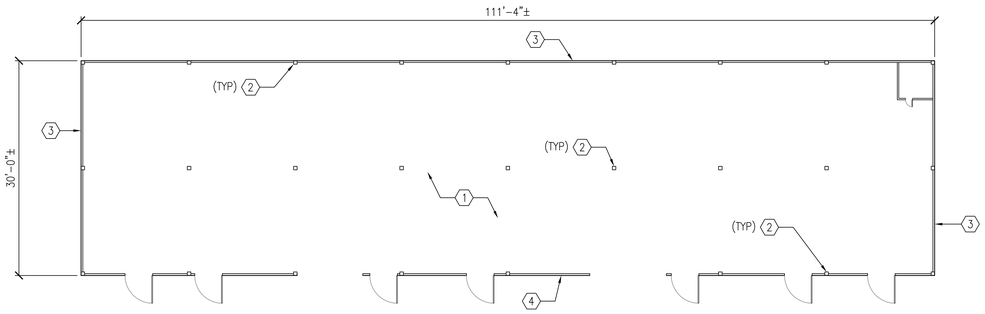
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1005A DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

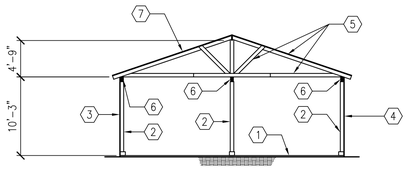
DES. K. ROOMSBURG, P.E.			
DR. J. SAWYER			
CHK. K. ROOMSBURG, P.E.			
SUBMITTED BY:			
DESIGN DIR. T. H. BURTON, P.E.			
APPROVED: PWO OR OICC DATE	SIZE E1	CODE IDENT. NO 80091	NAVFAC DRAWING NO. 60041161
			CONSTR. CONTR. NO. N40085-23-B-0036
SATISFACTORY TO: DATE	SCALE: NOTED	SPEC. 05-23-0036	SHEET 86 OF 114

REVISIONS			
SYM		DATE	APPROVED



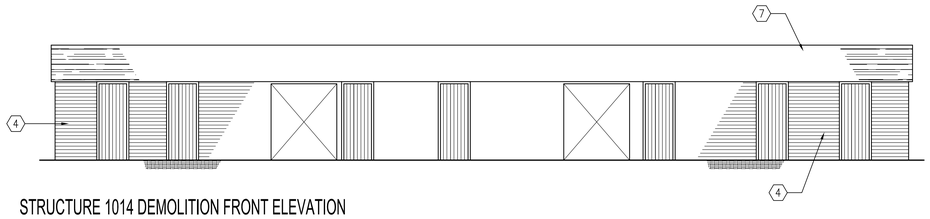
STRUCTURE 1014 DEMOLITION FLOOR PLAN

NOT TO SCALE



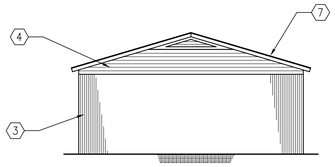
STRUCTURE 1014 DEMOLITION BUILDING SECTION

NOT TO SCALE



STRUCTURE 1014 DEMOLITION FRONT ELEVATION

NOT TO SCALE



STRUCTURE 1014 DEMOLITION END ELEVATION

NOT TO SCALE

1 PHOTO

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STRUCTURE 1014 EXISTING CONDITION PHOTOS

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE.
2. EXISTING 6x6 WOOD POST.
3. EXISTING 2x6 WOOD STUD WALL WITH CORRUGATED METAL SIDING
4. EXISTING 2x6 WOOD STUD WALL WITH 1X WOOD SIDING.
5. EXISTING 2x6 WOOD ROOF FRAMING AT 24" OC.
6. EXISTING (3) 2x8 WOOD BEAM
7. EXISTING CORRUGATED METAL ROOF DECK.

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

* COATING ON EXTERIOR WALL PANELS- APPROXIMATELY 3,510SF.
* ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN: EXTERIOR CAULKING GROUND DEBRIS- 5SF

(ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* WHITE WOOD

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

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NORTH CAROLINA PROFESSIONAL 022650 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

SD108

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

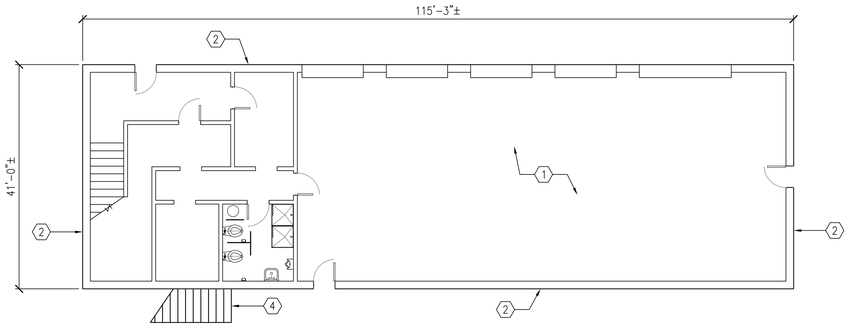
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE 1014 DEMOLITION PLAN, ELEVATIONS, SECTION AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041162

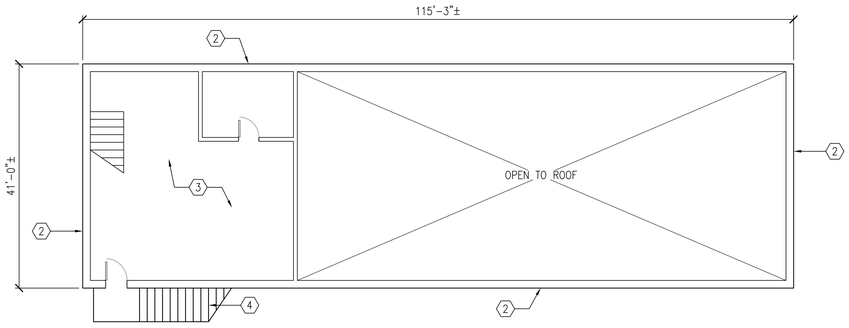
CONSTR. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 87 OF 114



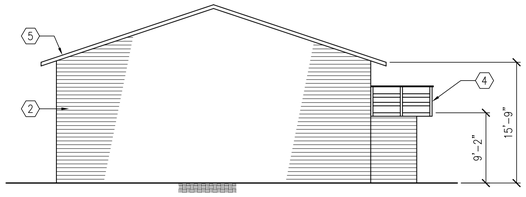
STRUCTURE 1306 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



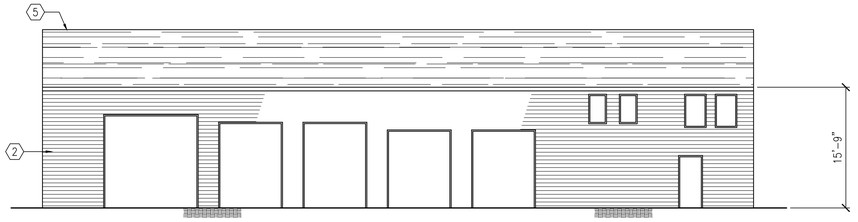
STRUCTURE 1306 DEMOLITION SECOND FLOOR PLAN

NOT TO SCALE



STRUCTURE 1306 DEMOLITION END ELEVATION

NOT TO SCALE



STRUCTURE 1306 DEMOLITION SIDE ELEVATION

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE.
2. EXISTING 2X WOOD FRAMED WALLS WITH VINYL SIDING.
3. EXISTING WOOD FRAMED SECOND FLOOR FRAMING SUPPORTED ON 2x WOOD JOISTS.
4. EXISTING WOOD FRAMED STAIRS.
5. EXISTING ASPHALT SHINGLES OVER PLYWOOD SHEATHING SUPPORTED ON WOOD TRUSS AND RAFTERS ON GIRDER TRUSS/BEAMS ON TIMBER POST.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/29/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* YELLOW WOOD COLUMNS
* GREEN STEEL DOOR SYSTEM
* GRAY CONCRETE FLOOR
* WHITE INTERIOR WOOD
* YELLOW STEEL COLUMNS

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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1 PHOTO

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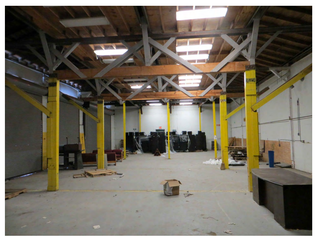

5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

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STRUCTURE 1306 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

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NORTH CAROLINA PROFESSIONAL 022639 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

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Virginia Beach, VA 23464-2664

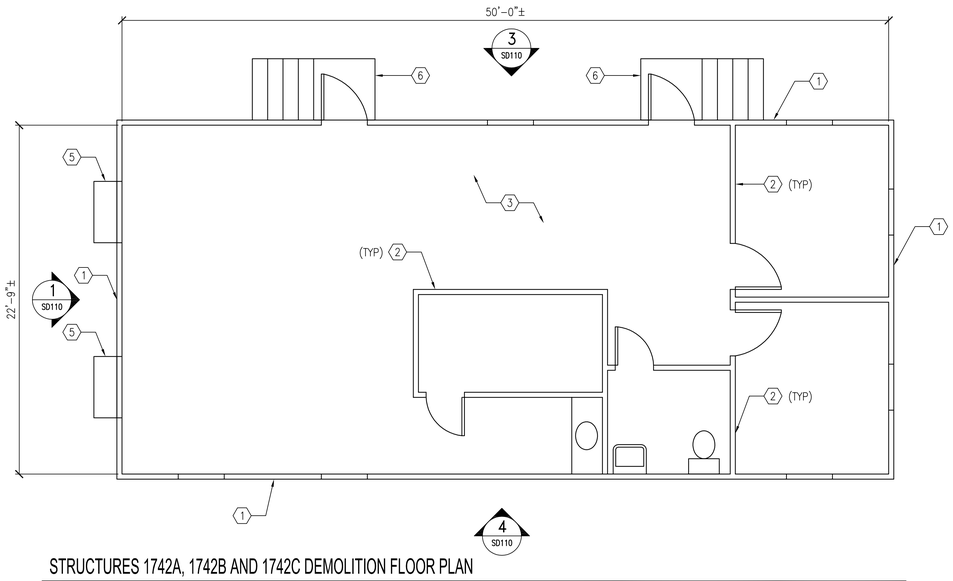
SD109

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

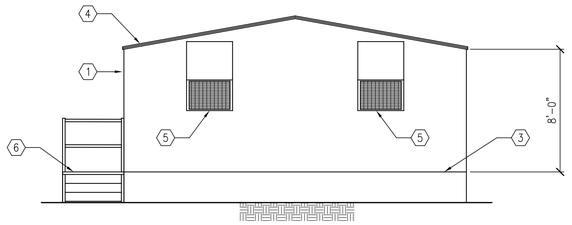
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE 1306 DEMOLITION PLANS, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041163
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 88 OF 114



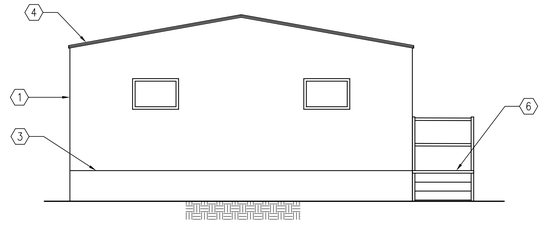
STRUCTURES 1742A, 1742B AND 1742C DEMOLITION FLOOR PLAN

NOT TO SCALE



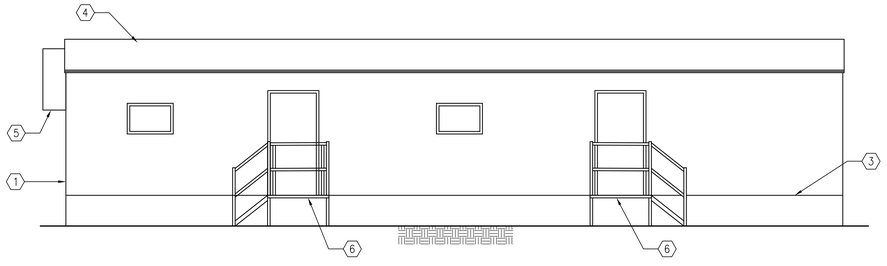
1 STRUCTURES 1742A, 1742B AND 1742C DEMOLITION ELEVATION

NOT TO SCALE SD110



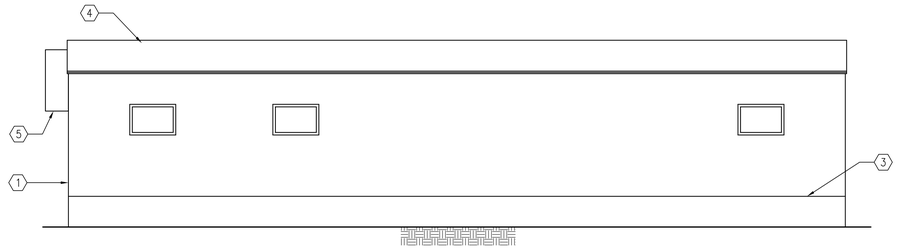
2 STRUCTURES 1742A, 1742B AND 1742C DEMOLITION ELEVATION

NOT TO SCALE SD110



3 STRUCTURES 1742A, 1742B AND 1742C DEMOLITION ELEVATION

NOT TO SCALE SD110



4 STRUCTURES 1742A, 1742B AND 1742C DEMOLITION ELEVATION

NOT TO SCALE SD110

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURES = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURES.
3. DEMOLISH AND DISPOSE OF EXISTING 14'-0"± WIDE X 16'-0"± LONG 2x6 WOOD FRAMED DECK WITH TWO STAIRS, HANDRAILING AND RAMP BETWEEN MODULAR UNITS 1742B AND 1742C.
4. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING MODULAR STRUCTURE EXTERIOR WALLS WITH EXTERIOR CORRUGATED METAL SIDING.
2. EXISTING INTERIOR MODULAR WALLS
3. EXISTING MODULAR STRUCTURE FLOOR ON STEEL FOUNDATION FRAME ON CMU PIERS.
4. EXISTING MODULAR CORRUGATED STEEL ROOF.
5. EXISTING AIR CONDITION UNIT.
6. EXISTING ALUMINUM STAIRS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/3/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

9 PHOTO

STRUCTURES 1742A, 1742B AND 1742C EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

A-E LICENSE NO. C-0706
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Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

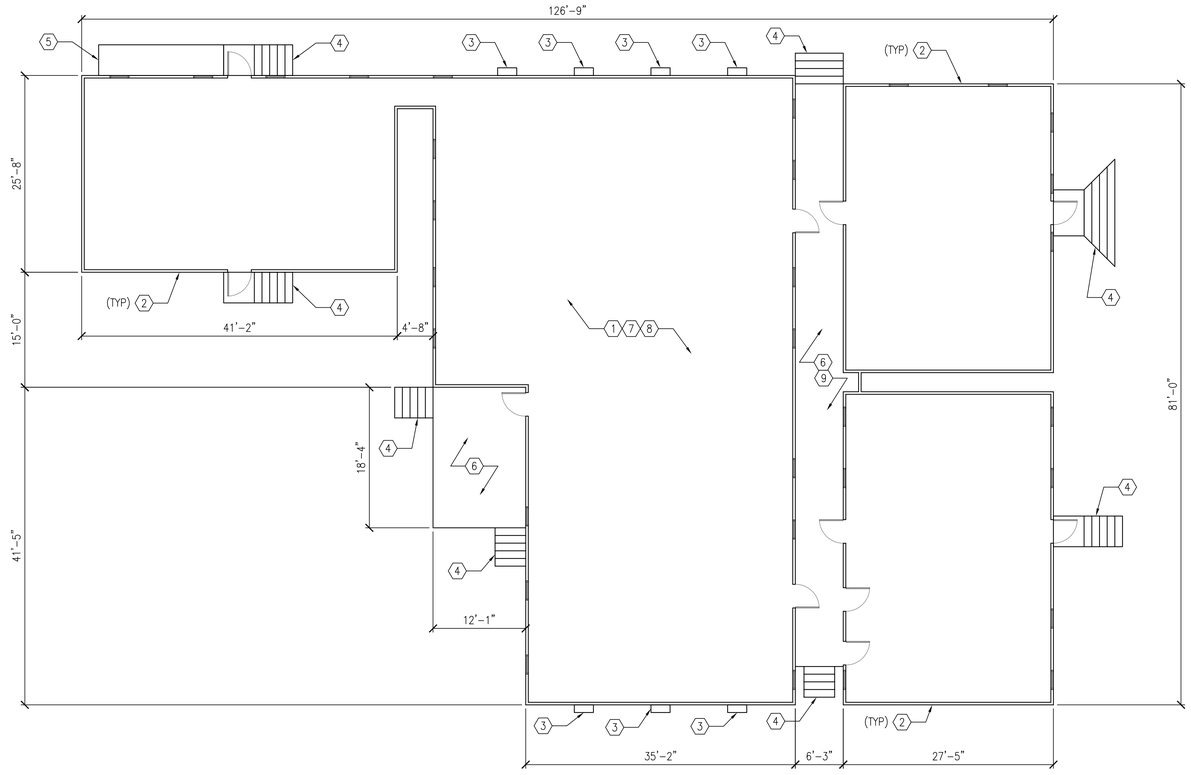
SD110

DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES 1742A, 1742B AND 1742C DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041164
		CONSTR. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 89 OF 114



STRUCTURE AS251 DEMOLITION PLAN

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

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6 PHOTO

7 PHOTO

8 PHOTO

9 PHOTO

10 PHOTO

11 PHOTO

12 PHOTO

STRUCTURE AS251 EXISTING CONDITION PHOTOS

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 8/12/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING MODULAR BUILDING FLOOR ON STEEL FOUNDATION FRAME ON CONCRETE BLOCK PIERS.
2. EXISTING 2x4 WOOD STUD WALL WITH T1-11 WOOD SIDING.
3. EXISTING AIR CONDITION UNIT.
4. EXISTING 2X WOOD FRAMED STAIRS.
5. EXISTING 2x WOOD FRAMED RAMP.
6. EXISTING 2x WOOD FRAMED DECK.
7. EXISTING CEILING HEIGHT = 8'-0"±.
8. EXISTING ASPHALT SHINGLES ON PLYWOOD ROOF SHEATHING SUPPORTED ON 2x WOOD FRAMED TRUSS AT 24"± OC ON 2x4 WOOD STUD WALLS.
9. CORRUGATED METAL ROOF DECK OVER WOOD WALKWAY

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

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NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

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CHK. K. ROOMSBURG, P.E.
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APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

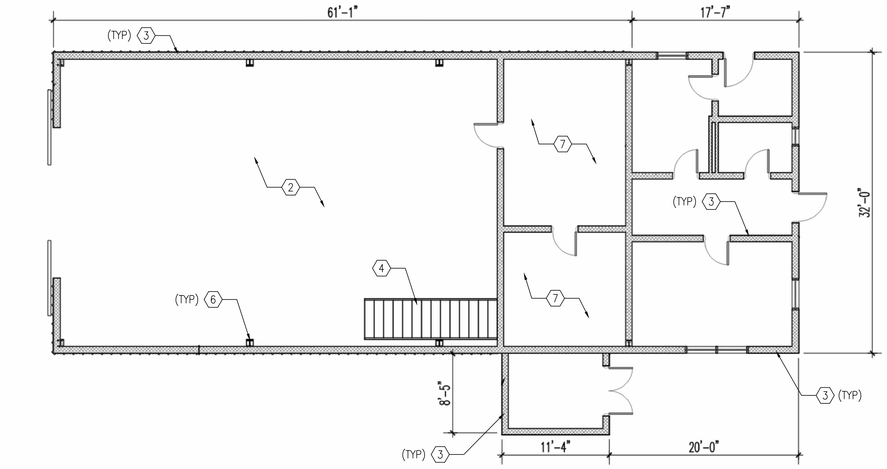
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS251 DEMOLITION PLAN
AND EXISTING CONDITION PHOTOS

SIZE E1 | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 60041165
CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 90 OF 114

SD111

REVISIONS			
SYM		DATE	APPROVED



STRUCTURE AS849 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 4/20/20 WITH THE FOLLOWING RESULTS:

* EXTERIOR EXPANSION JOINT AT MASONRY– APPROXIMATELY 48LF.
* ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN: DRYWALL AND JOINT MATERIAL INCLUDING SKIM COATS OF JOINT MATERIAL, CEILING REMNANTS IN SW ROOM AT PERIMETER, SECOND FLOOR LOFT – 40SF

  (ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* EXTERIOR WHITE CMU
* INTERIOR WHITE CMU
* CREAM INTERIOR WOOD

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

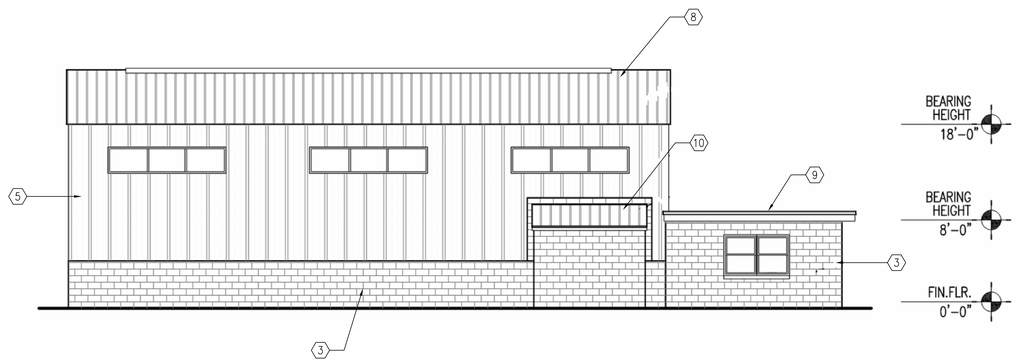
CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'–0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO SHEET SD701 FOR EXISTING CONDITION PHOTOS.

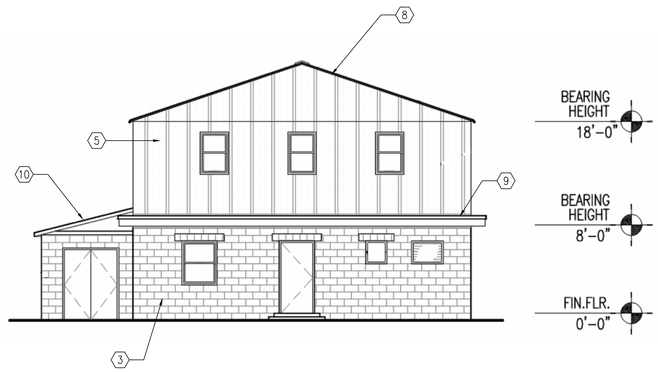
KEYNOTES:

1. EXISTING CONCRETE FOOTING.
2. EXISTING 5"± CONCRETE SLAB–ON–GRADE.
3. EXISTING 8"± CMU WALL.
4. EXISTING WOOD STAIRS.
5. EXISTING METAL SIDING ON WALL GIRTS SUPPORTED ON RIGID FRAMES.
6. EXISTING RIGID FRAME ON CMU PILASTER.
7. EXISTING SECOND FLOOR 2x WOOD FRAMING ABOVE.
8. EXISTING METAL ROOF DECK ON ROOF PURLINS SUPPORTED ON RIGID FRAMES.
9. EXISTING ASPHALT SHINGLES ON WOOD ROOF SHEATHING SUPPORTED ON WOOD 2X8 FRAMING AT 16" OC.
10. EXISTING ASPHALT SHINGLES ON WOOD ROOF SHEATHING SUPPORTED ON WOOD 2X6 FRAMING AT 16" OC.



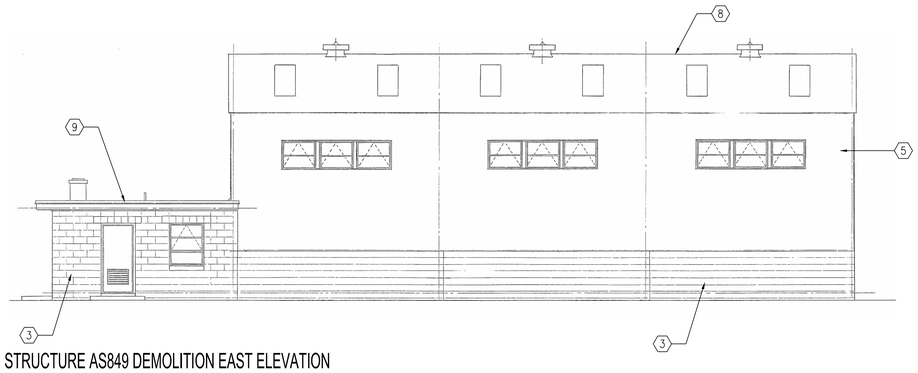
STRUCTURE AS849 DEMOLITION WEST ELEVATION

NOT TO SCALE



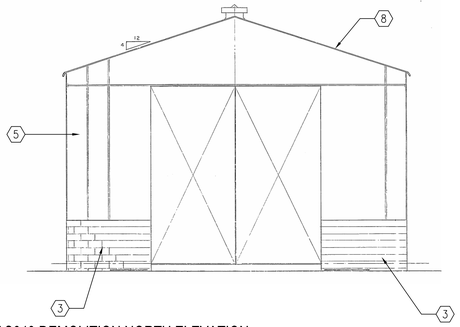
STRUCTURE AS849 DEMOLITION SOUTH ELEVATION

NOT TO SCALE



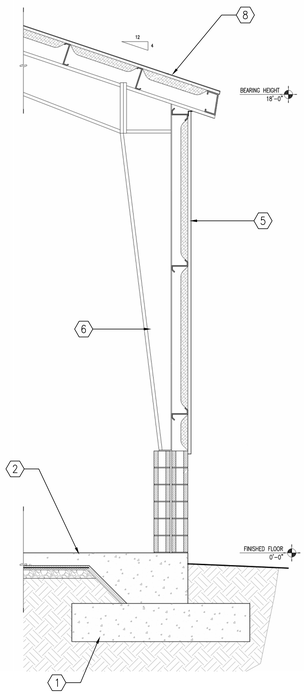
STRUCTURE AS849 DEMOLITION EAST ELEVATION

NOT TO SCALE



STRUCTURE AS849 DEMOLITION NORTH ELEVATION

NOT TO SCALE



STRUCTURE AS849 DEMOLITION WALL SECTION

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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NORTH CAROLINA PROFESSIONAL 022650 10-30-2024 ENGINEER KEVIN M. ROOMSBURG

SD112

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS849 DEMOLITION
PLAN, SECTION AND ELEVATIONS

DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
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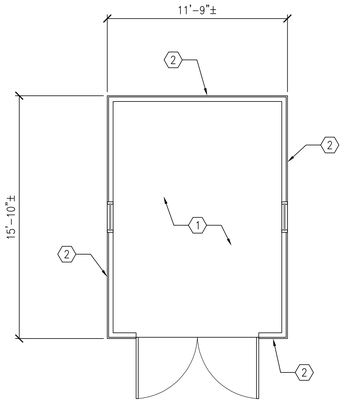
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041166
		CONSTR. CONTR. NO. N40085-23-B-0036

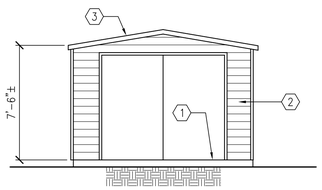
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 91 OF 114

REVISIONS			
SYM		DATE	APPROVED



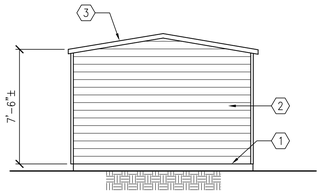
STRUCTURES AS903A AND AS903B DEMOLITION PLAN

NOT TO SCALE



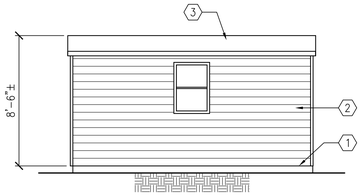
STRUCTURES AS903A AND AS903B DEMOLITION FRONT ELEVATION

NOT TO SCALE



STRUCTURES AS903A AND AS903B DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURES AS903A AND AS903B DEMOLITION SIDE ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURES = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURES.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING WOOD FRAMED FLOOR.
2. EXISTING VINYL SIDING ON 2x4 WOOD STUDS AT 24"± OC.
3. EXISTING METAL CORRUGATED METAL ROOF DECK SUPPORTED ON 2x4 WOOD RAFTERS AT 24" OC.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 8/12/24 WITH THE FOLLOWING RESULTS:

* NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND TO SAMPLE DURING INSPECTION PERFORMED ON 8/12/24

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NO SUSPECT LEAD BASED PAINT WAS FOUND TO SAMPLE DURING INSPECTION PERFORMED ON 8/12/24

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

STRUCTURES AS903A AND AS903B EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

A-E LICENSE NO. C-0706
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022650 10-30-2024 KEVIN M. ROOMSBURG

NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

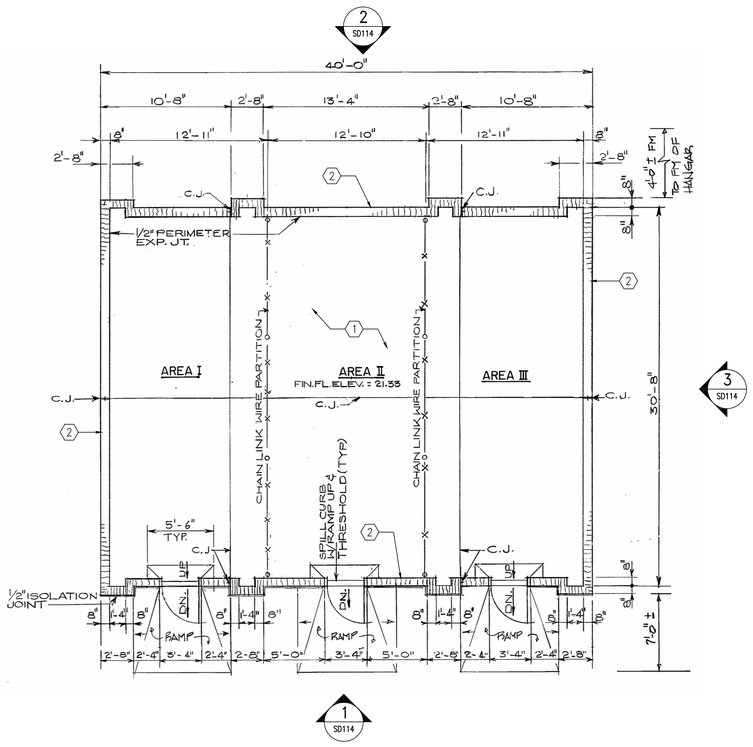
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES AS903A AND AS903B DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041167

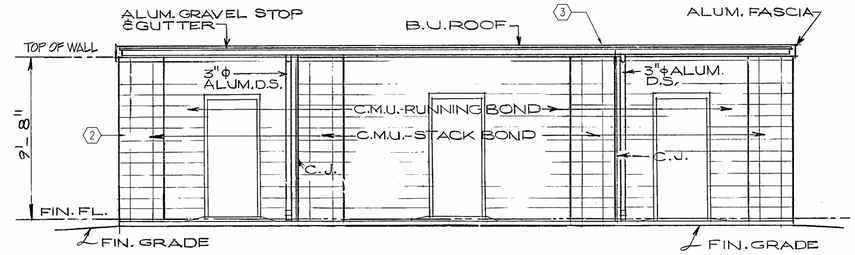
CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED SPEC. 05-23-0036 SHEET 92 OF 114

SD113



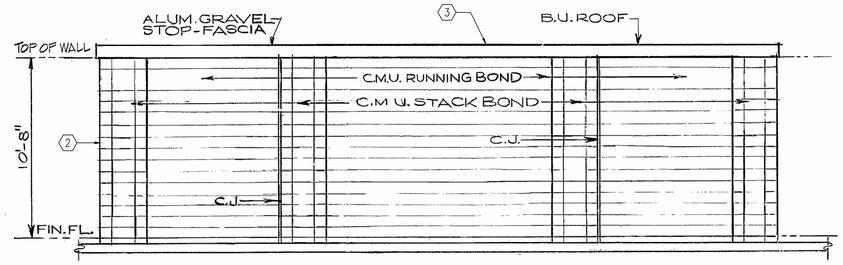
STRUCTURE AS3906 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



1 STRUCTURE AS3906 DEMOLITION FRONT ELEVATION

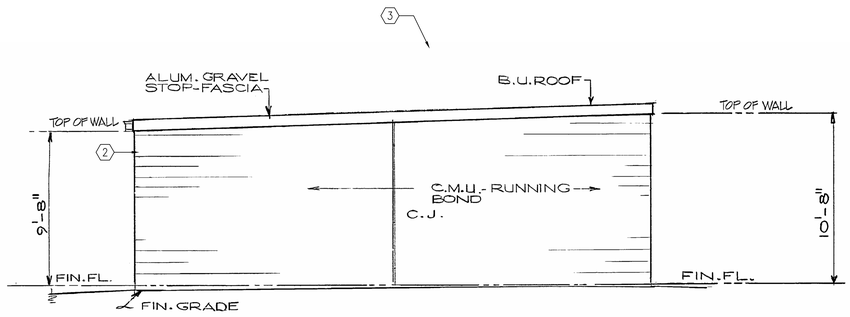
NOT TO SCALE SD114



TN
PN

2 STRUCTURE AS3906 DEMOLITION REAR ELEVATION

NOT TO SCALE SD114



3 STRUCTURE AS3906 DEMOLITION RIGHT ELEVATION

NOT TO SCALE SD114

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO SHEET SD115 FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING 5"± CONCRETE SLAB-ON-GRADE.
2. EXISTING 8" CMU WALL.
3. EXISTING BUILT-UP-ROOF.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 11/4/21 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURES DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

A·E LICENSE NO. C-0706
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NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL 022650 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD114

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3906 DEMOLITION
PLAN AND ELEVATIONS

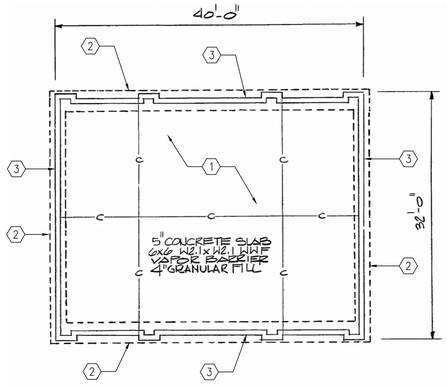
DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041168

CONSTR. CONTR. NO. N40085-23-B-0036

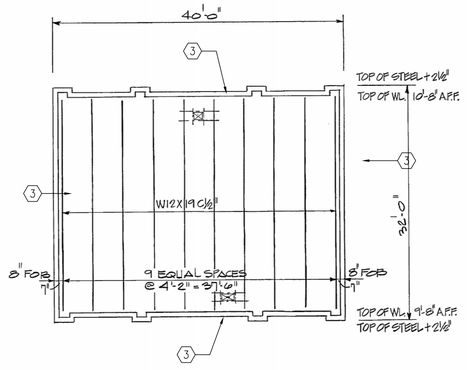
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 93 OF 114

REVISIONS			
SYM		DATE	APPROVED



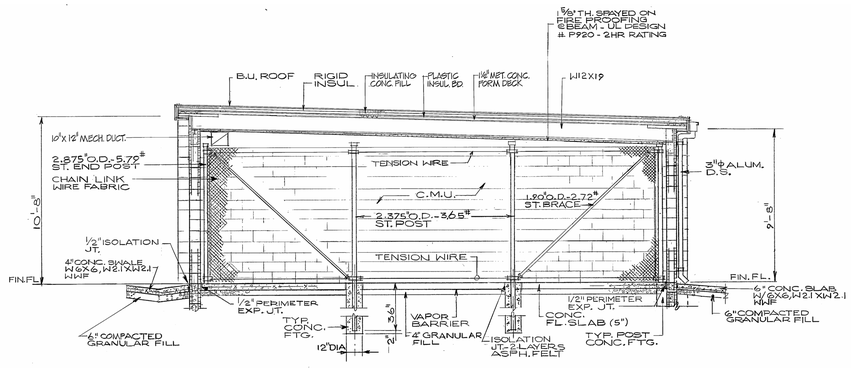
STRUCTURE AS3906 DEMOLITION FOUNDATION PLAN

NOT TO SCALE



STRUCTURE AS3906 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



STRUCTURE AS3906 DEMOLITION BUILDING SECTION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING 5"± CONCRETE SLAB-ON-GRADE.
2. EXISTING REINFORCED CONCRETE FOOTING.
3. EXISTING 8" CMU WALL.

1 PHOTO

2 PHOTO

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10 PHOTO

11 PHOTO

STRUCTURE AS3906 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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LICENSE NO. C-0706

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NORTH CAROLINA PROFESSIONAL 022639 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD115

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Virginia Beach, VA 23464-2664

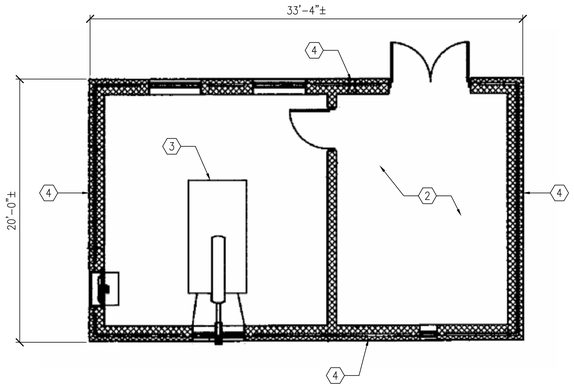
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3906 DEMOLITION PLANS, SECTION AND EXISTING CONDITION PHOTOS

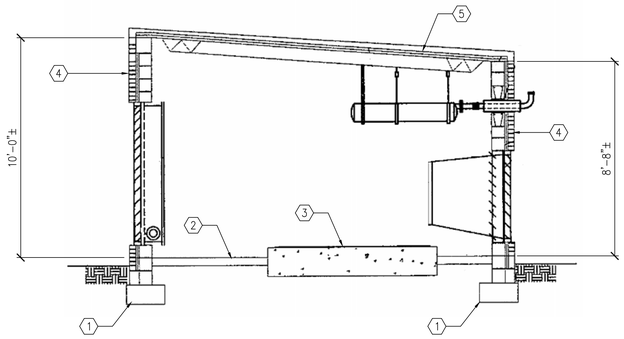
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041169
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 94 OF 114

REVISIONS			
SYM		DATE	APPROVED



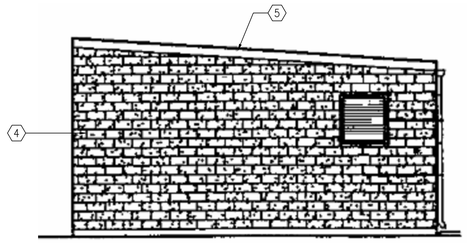
STRUCTURE AS3450 DEMOLITION PLAN

NOT TO SCALE



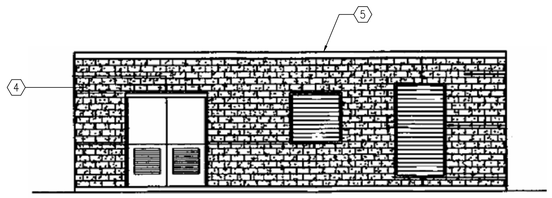
STRUCTURE AS3450 DEMOLITION BUILDING SECTION

NOT TO SCALE



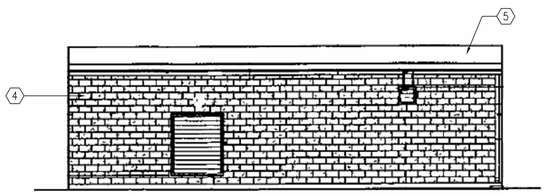
STRUCTURE AS3450 DEMOLITION END ELEVATION

NOT TO SCALE



STRUCTURE AS3450 DEMOLITION FRONT ELEVATION

NOT TO SCALE



STRUCTURE AS3450 DEMOLITION REAR ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOOTING.
2. EXISTING 6"± CONCRETE SLAB-ON-GRADE.
3. EXISTING 16"± CONCRETE GENERATOR PAD.
4. EXISTING 4" MASONRY VENEER ON 8" CMU WALL.
5. EXISTING METAL ROOF DECK ON STEEL BAR JOISTS AT 5'-0" OC BEARING ON 8" CMU WALLS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* WHITE INTERIOR STEEL

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

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IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

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11 PHOTO

12 PHOTO

13 PHOTO

STRUCTURE AS3450 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

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NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD116

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3450 DEMOLITION PLAN, SECTION, ELEVATIONS AND EXISTING CONDITION PHOTOS

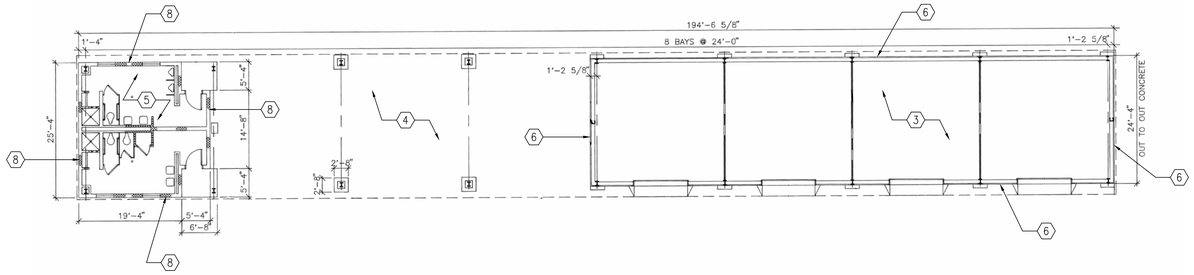
DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041170

CONSTR. CONTR. NO. N40085-23-B-0036

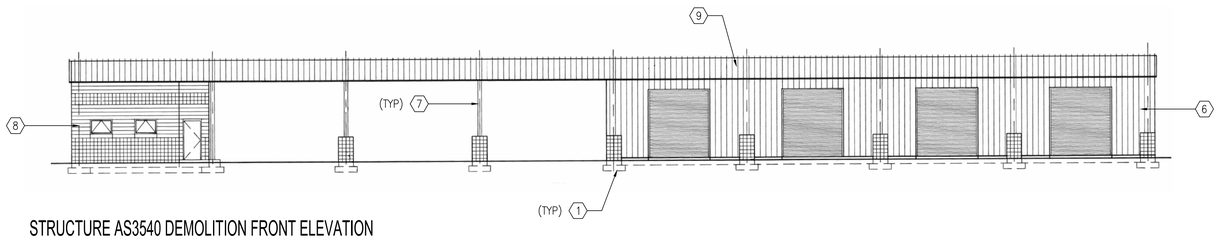
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 95 OF 114

REVISIONS			
SYM		DATE	APPROVED



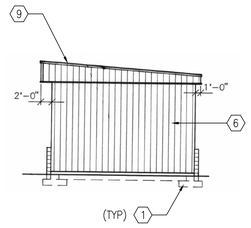
STRUCTURE AS3540 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



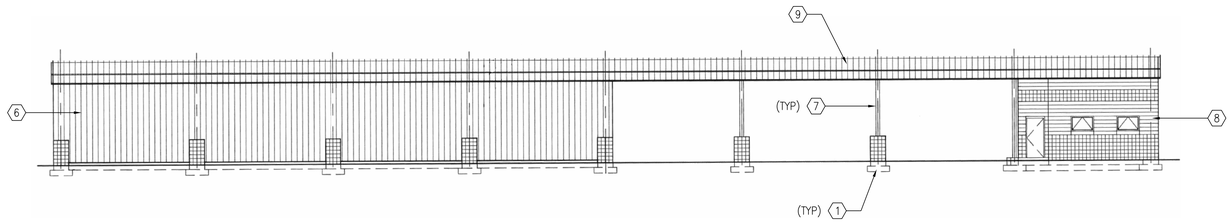
STRUCTURE AS3540 DEMOLITION FRONT ELEVATION

NOT TO SCALE



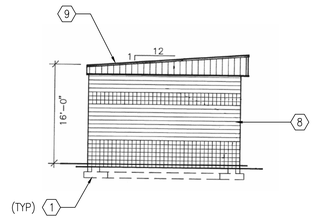
STRUCTURE AS3540 DEMOLITION RIGHT SIDE ELEVATION

NOT TO SCALE



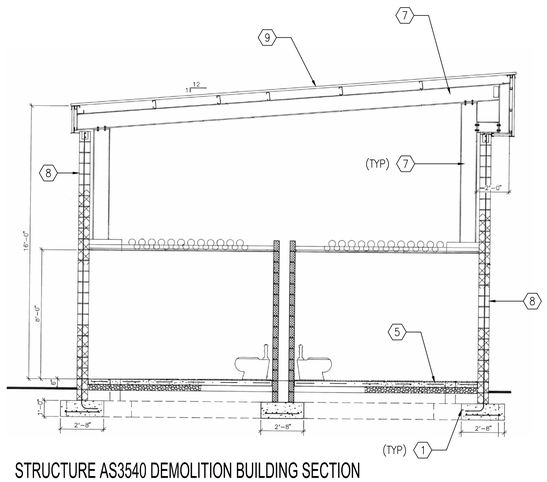
STRUCTURE AS3540 DEMOLITION REAR ELEVATION

NOT TO SCALE



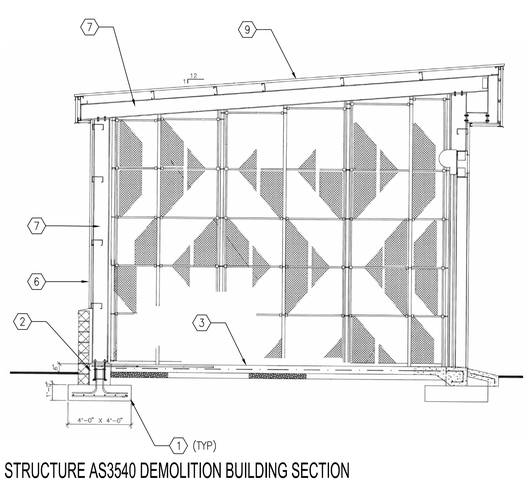
STRUCTURE AS3540 DEMOLITION LEFT SIDE ELEVATION

NOT TO SCALE



STRUCTURE AS3540 DEMOLITION BUILDING SECTION

NOT TO SCALE



STRUCTURE AS3540 DEMOLITION BUILDING SECTION

NOT TO SCALE

PLAN NOTES

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2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO SHEET SD702 FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOOTING.
2. EXISTING CONCRETE PIER.
3. EXISTING 6"± CONCRETE SLAB-ON-GRADE.
4. EXISTING ASPHALT PAVING.
5. EXISTING 4"± CONCRETE SLAB-ON-GRADE.
6. EXISTING METAL SIDING ON STEEL WALL GIRTS.
7. EXISTING STEEL RIGID FRAME.
8. EXISTING CMU.
9. EXISTING METAL ROOF DECK ON ROOF PURLINS SUPPORTED ON STEEL RIGID FRAME.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 8/12/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

A-E LICENSE NO. C-0706
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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022639 10-30-2024 KEVIN M. ROOMSBURG

SD117

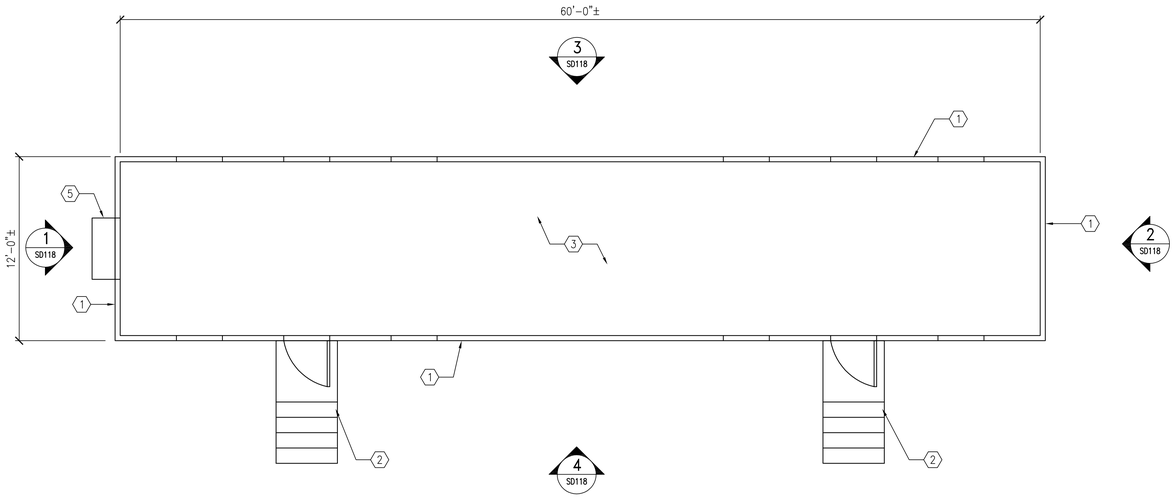
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3540 DEMOLITION PLAN, SECTION AND ELEVATIONS

DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

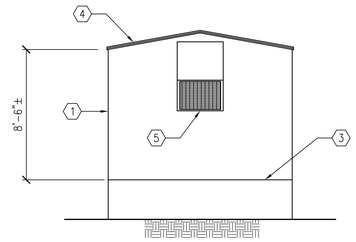
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041171
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 96 OF 114

REVISIONS			
SYM		DATE	APPROVED



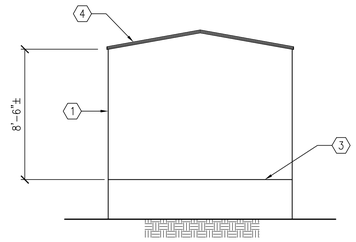
STRUCTURE AS3990 DEMOLITION FLOOR PLAN

NOT TO SCALE



1 STRUCTURE AS3990 DEMOLITION ELEVATION

NOT TO SCALE SD118



2 STRUCTURE AS3990 DEMOLITION ELEVATION

NOT TO SCALE SD118

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING MODULAR WALLS WITH CORRUGATED METAL SIDING.
2. EXISTING WOOD STAIRS.
3. EXISTING MODULAR STRUCTURE FLOOR ON STEEL FOUNDATION FRAME ON CMU PIERS.
4. EXISTING MODULAR CORRUGATED STEEL ROOF.
5. EXISTING AIR CONDITION UNIT.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 8/12/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

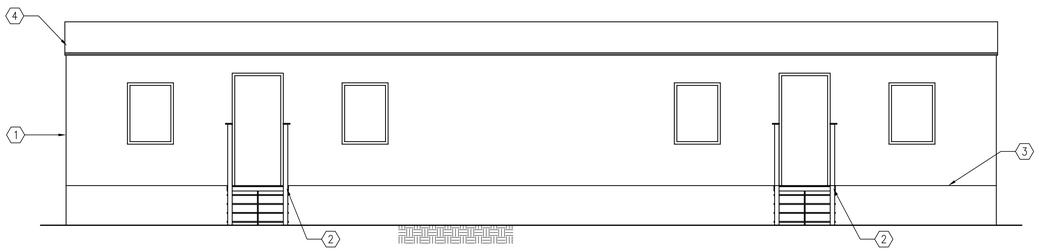
LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

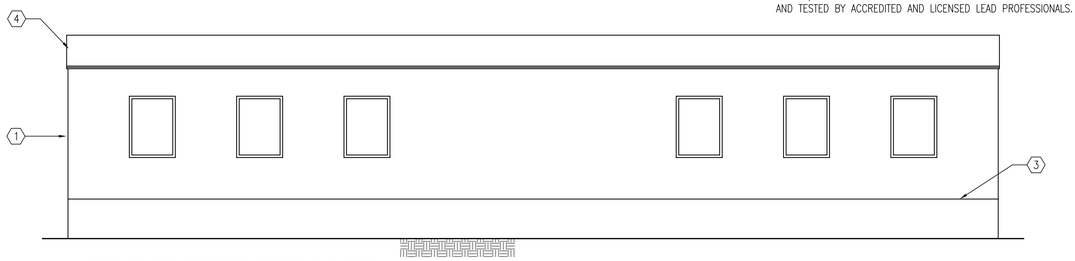
REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION. IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.



3 STRUCTURE AS3990 DEMOLITION ELEVATION

NOT TO SCALE SD118



4 STRUCTURE AS3990 DEMOLITION ELEVATION

NOT TO SCALE SD118

1 PHOTO

2 PHOTO

3 PHOTO

7 PHOTO

8 PHOTO

9 PHOTO

STRUCTURE AS3990 EXISTING CONDITION PHOTOS

NOT TO SCALE

4 PHOTO

5 PHOTO

6 PHOTO

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

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NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD118

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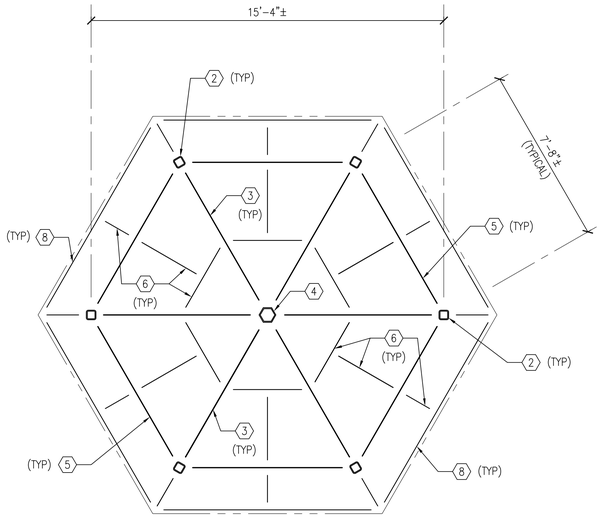
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE AS3990 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

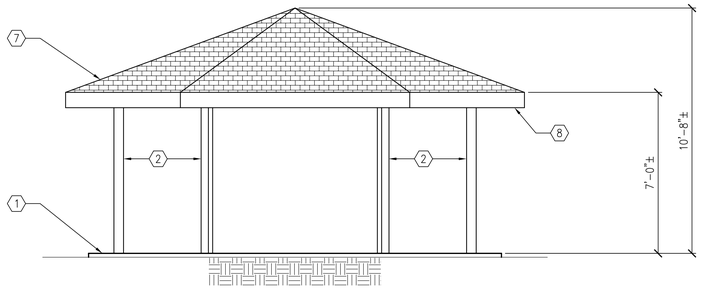
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041172
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 97 OF 114

REVISIONS			
SYM		DATE	APPROVED



STRUCTURES H206, H207, H208 AND H209 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



STRUCTURES H206, H207, H208 AND H209 DEMOLITION ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED SLAB IN THE EXISTING STRUCTURES = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING SLAB-ON-GRADE
2. EXISTING HSS 5x5 STEEL COLUMN.
3. EXISTING (2) 2½"x5 (LSV) STEEL TUBE SHAPE.
4. EXISTING STEEL PLATE SHAPE.
5. EXISTING 2½"x5" (LSV) STEEL TUBE SHAPE WITH 4x4 WOOD BLOCKING ON TOP.
6. EXISTING 4x4 WOOD FRAMING.
7. EXISTING ASPHALT SHINGLES OVER OSB PLYWOOD ROOF SHEATHING.
8. EXISTING 2x WOOD RIM BOARD.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

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STRUCTURES H206, H207, H208 AND H209 EXISTING CONDITIONS PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL 022650 10-30-2024 ENGINEER KEVIN M. ROOMSBURG

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

SD119

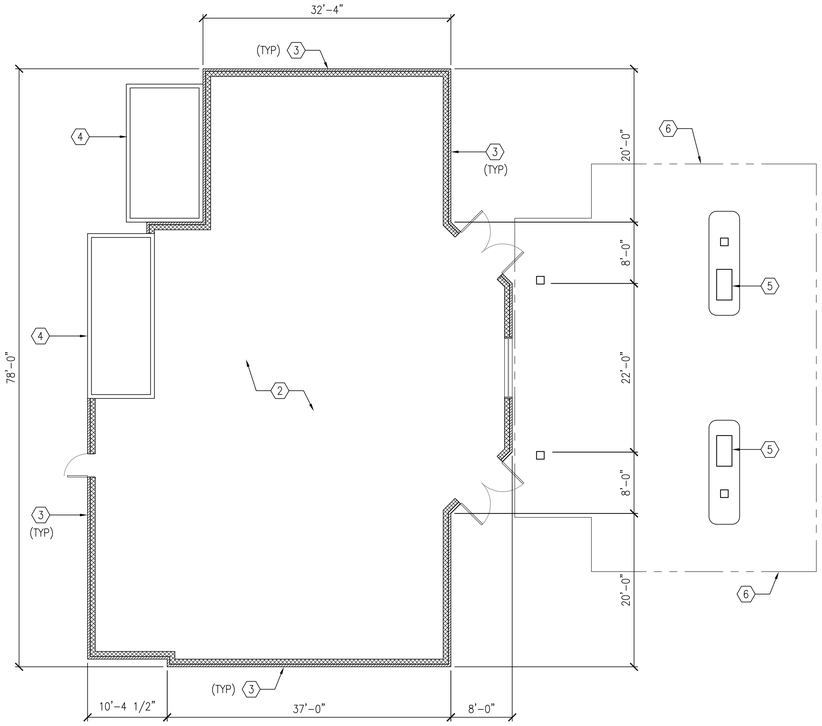
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES H206, H207, H208 AND H209 DEMOLITION PLAN, ELEVATION AND EXISTING CONDITIONS PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041173
		CONSTR. CONTR. NO. N40085-23-B-0036

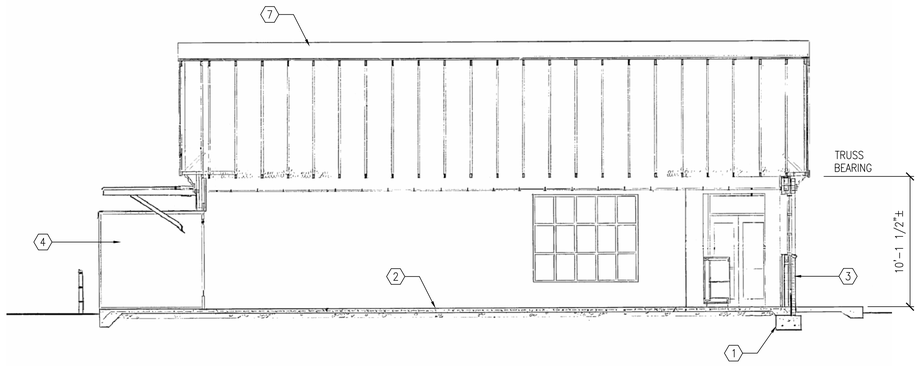
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 98 OF 114

REVISIONS			
SYM		DATE	APPROVED



STRUCTURE LCH4034 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



STRUCTURE LCH4034 DEMOLITION BUILDING SECTION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOOTING.
2. EXISTING 4"± CONCRETE SLAB-ON-GRADE.
3. EXISTING 4"± BRICK VENEER ON 8" CMU WALL.
4. EXISTING PREFAB COOLER.
5. EXISTING FUEL DISPENSER ON CONCRETE ISLAND.
6. EXISTING STEEL FRAMED CANOPY WITH METAL SIDING SUPPORTED ON 12"x12" STEEL COLUMNS.
7. EXISTING ASPHALT ROOF SHINGLES ON WOOD ROOF SHEATHING SUPPORTED ON 2x WOOD TRUSS AT 24" OC BEARING ON 8"± CMU WALLS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/29/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

<u>LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:</u>

* YELLOW STEEL BOLLARDS

<u>REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED.</u> ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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1 PHOTO

2 PHOTO

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STRUCTURE LCH4034 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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NORTH CAROLINA PROFESSIONAL 022650 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD120

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

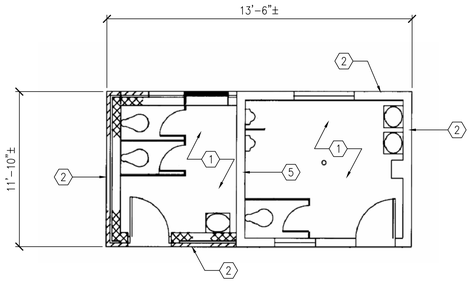
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE LCH4034 DEMOLITION PLAN, SECTION AND EXISTING CONDITION PHOTOS

DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041174
		CONSTR. CONTR. NO. N40085-23-B-0036

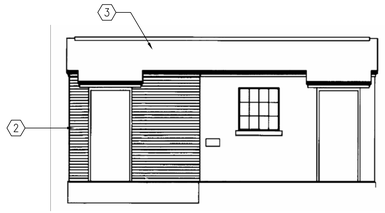
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 99 OF 114

REVISIONS			
SYM		DATE	APPROVED



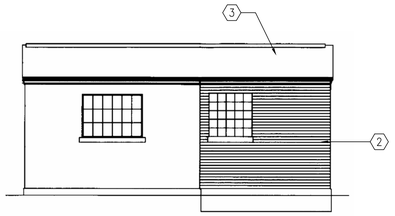
STRUCTURES RR27 AND RR28 DEMOLITION PLAN

NOT TO SCALE



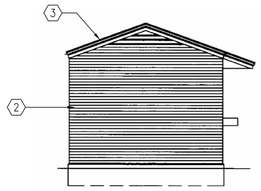
STRUCTURES RR27 AND RR28 DEMOLITION FRONT ELEVATION

NOT TO SCALE



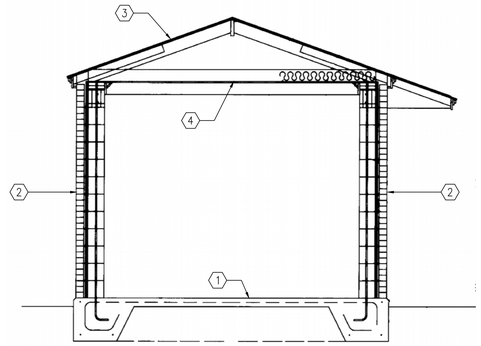
STRUCTURES RR27 AND RR28 DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURES RR27 AND RR28 DEMOLITION END ELEVATION

NOT TO SCALE



STRUCTURES RR27 AND RR28 DEMOLITION BUILDING SECTION

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

7 PHOTO

STRUCTURES RR27 AND RR28 EXISTING CONDITION PHOTOS

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING 4"± CONCRETE SLAB-ON-GRADE.
2. EXISTING 4" BRICK VENEER WITH 8" CMU WALL.
3. EXISTING ASPHALT SHINGLES OVER WOOD SHEATHING SUPPORTED 2x8 WOOD RAFTERS AT 16" OC BEARING ON 8" CMU WALL.
4. EXISTING 2x6 WOOD JOIST AT 16" OC.
5. EXISTING 8" CMU WALL.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 FOR RR27 & RR28 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

* ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN:
  EXTERIOR CAULKING AT DOOR PERIMETER (UNDER EXISTING)- 15LF

  (ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* WHITE INTERIOR BRICK
* WHITE METAL DOOR SYSTEM

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

LICENSE NO. C-0706
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NORTH CAROLINA PROFESSIONAL 022830 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD121

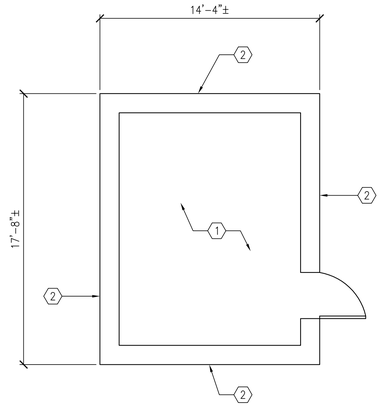
DEPARTMENT OF THE NAVY · NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES RR27 AND RR28 DEMOLITION PLAN, SECTION, ELEVATIONS AND EXISTING CONDITION PHOTOS

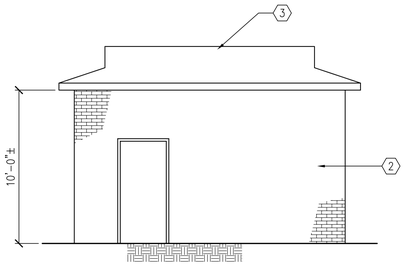
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041175
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 100 OF 114

REVISIONS			
SYM		DATE	APPROVED



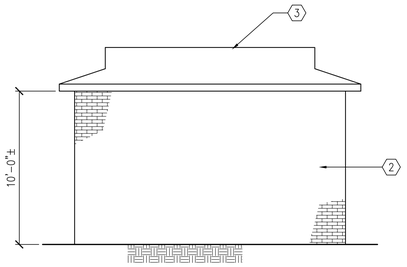
STRUCTURE RR108 DEMOLITION FLOOR PLAN

NOT TO SCALE



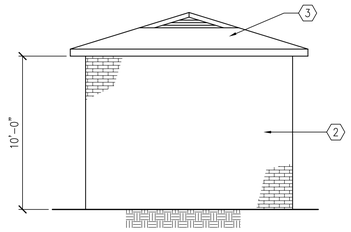
STRUCTURE RR108 DEMOLITION FRONT ELEVATION

NOT TO SCALE



STRUCTURE RR108 DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURE RR108 DEMOLITION END ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

(1) EXISTING CONCRETE SLAB-ON-GRADE.

(2) EXISTING 4" BRICK VENEER AND 8" CMU WALL.

(3) EXISTING ASPHALT SHINGLES ON WOOD SHEATHING SUPPORTED WOOD ROOF TRUSS/RAFTERS AT 24" OC± BEARING ON 8" CMU WALL.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

STRUCTURE RR108 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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NORTH CAROLINA PROFESSIONAL 022650 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

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DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

SD122

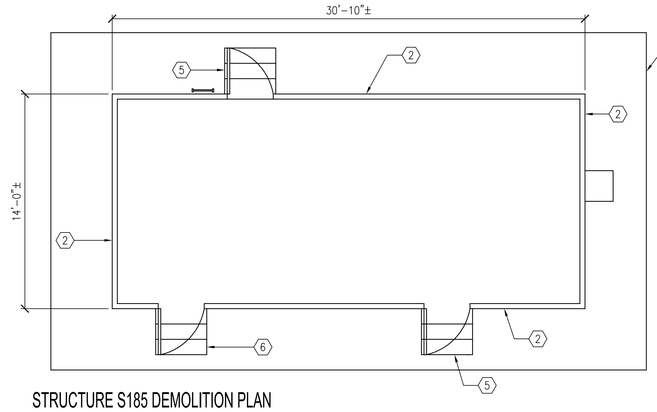
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE RR108 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041176
		CONSTR. CONTR. NO. N40085-23-B-0036

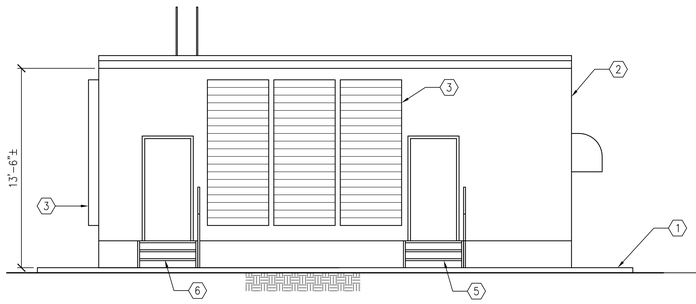
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 101 OF 114

REVISIONS			
SYM		DATE	APPROVED



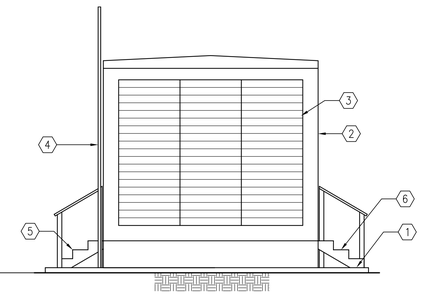
STRUCTURE S185 DEMOLITION PLAN

NOT TO SCALE



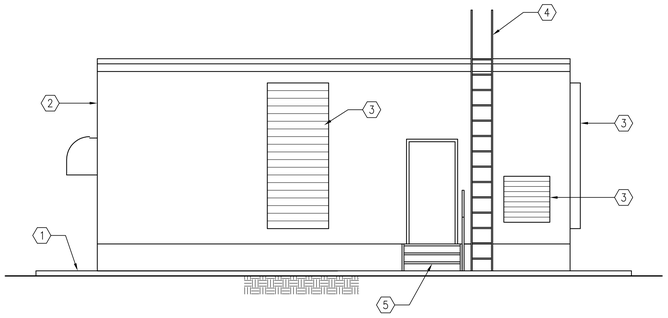
STRUCTURE S185 DEMOLITION FRONT ELEVATION

NOT TO SCALE



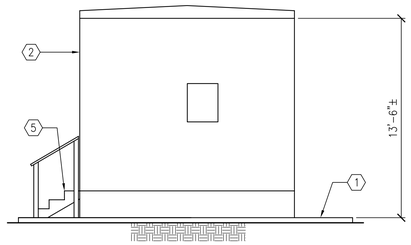
STRUCTURE S185 DEMOLITION LEFT END ELEVATION

NOT TO SCALE



STRUCTURE S185 DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURE S185 DEMOLITION RIGHT END ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS TOP OF EXISTING CONCRETE EQUIPMENT PAD = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE GENERATOR PAD.
2. EXISTING METAL PLATED BOX GENERATOR HOUSING.
3. EXISTING METAL LOUVERS.
4. EXISTING STEEL LADDER.
5. EXISTING WOOD STEPS AND HANDRAIL.
6. EXISTING ALUMINUM STEPS AND HANDRAIL

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/29/24 WITH THE FOLLOWING RESULTS:

* NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND DURING THE INSPECTION PERFORMED ON 7/29/24.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

STRUCTURE S185 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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LICENSE NO. C-0706
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PH.(252) 633-0068

NORTH CAROLINA PROFESSIONAL 022639 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

NRW ENGINEERING
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DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

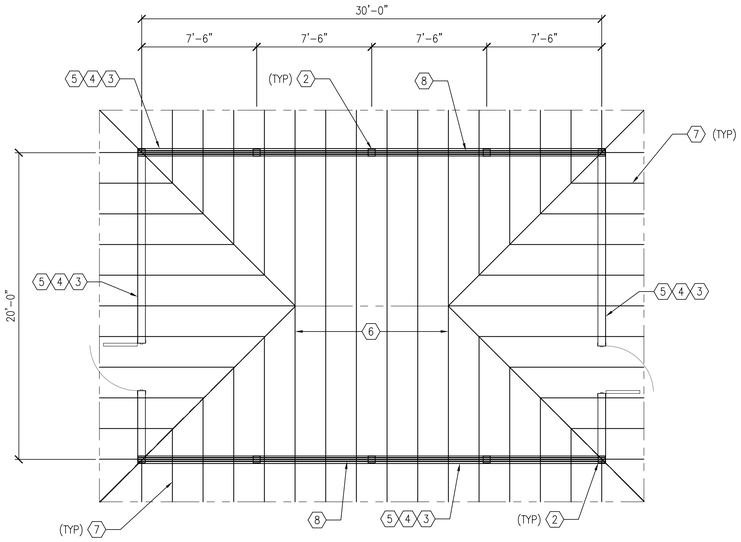
SD123

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE S185 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

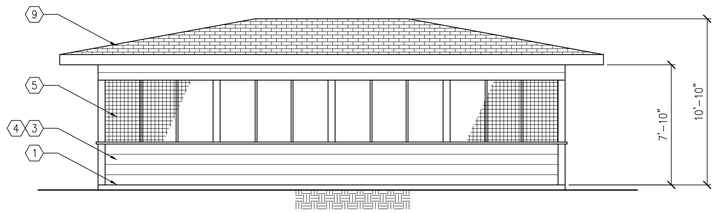
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041177
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 102 OF 114

REVISIONS			
SYM		DATE	APPROVED



STRUCTURE SBB229 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



STRUCTURE SBB229 DEMOLITION SIDE ELEVATION

NOT TO SCALE

STRUCTURE SBB229 DEMOLITION END ELEVATION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0"-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
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3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE.
2. EXISTING 6x6 WOOD POST.
3. EXISTING WOOD SIDING.
4. EXISTING 2x6 WOOD STUD WALL.
5. EXISTING SCREEN PANEL.
6. EXISTING 2x6 WOOD TRUSSES AT 24" OC.
7. EXISTING 2x6 WOOD RAFTERS AT 24" OC.
8. EXISTING (3) 3x6 WOOD BEAM.
9. EXISTING ASPHALT SHINGLES ON 2X WOOD SHEATHING SUPPORTED ON WOOD TRUSS/RAFTERS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

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1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

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7 PHOTO

8 PHOTO

9 PHOTO

10 PHOTO

STRUCTURE SBB229 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

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NORTH CAROLINA PROFESSIONAL 022650 10-30-2024 ENGINEER KEVIN M. ROOMSBURG

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

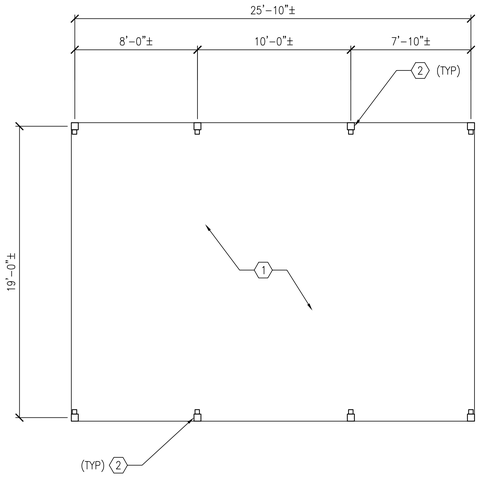
DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SBB229 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SD124

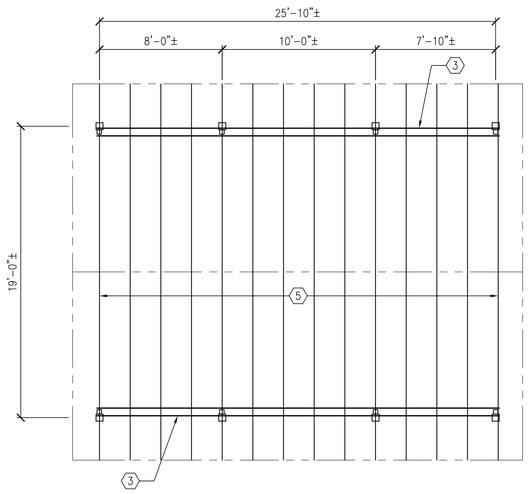
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041178
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 103 OF 114

REVISIONS			
SYM		DATE	APPROVED



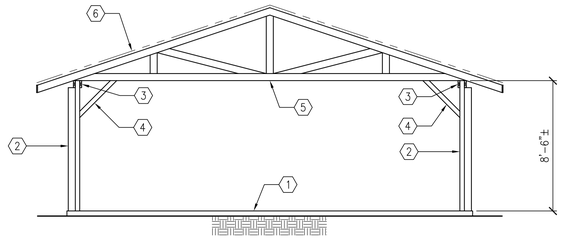
STRUCTURES SFC408 ANS SFC581 DEMOLITION FOUNDATION PLAN

NOT TO SCALE



STRUCTURES SFC408 ANS SFC581 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



STRUCTURES SFC408 AND SFC581 DEMOLITION SECTION

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURES = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURES.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE.
2. EXISTING 6x6 + 4x4 WOOD POST.
3. EXISTING (2) 2x6 WOOD BEAM.
4. EXISTING 4x4 DIAGONAL WOOD BRACING.
5. EXISTING WOOD TRUSSES AT 24" OC.
6. EXISTING ASPHALT SHINGLES ON PLYWOOD SHEATHING.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

<u>LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:</u>

* NO SUSPECT MATERIALS WERE FOUND DURING THE INSPECTION PERFORMED ON 7/18/24.

<u>REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED</u>, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

1 PHOTO

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STRUCTURES SFC408 AND SFC581 EXISTING CONDITION PHOTOS

NOT TO SCALE

<u>DISCLOSURE OF INFORMATION</u>

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

LICENSE NO. C-0706
AVOLIS ENGINEERING, P.A.
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PH.(252) 633-0068

NORTH CAROLINA PROFESSIONAL 022630 10-30-2024 ENGINEER KEVIN M. ROOMSBURG

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NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

SD125

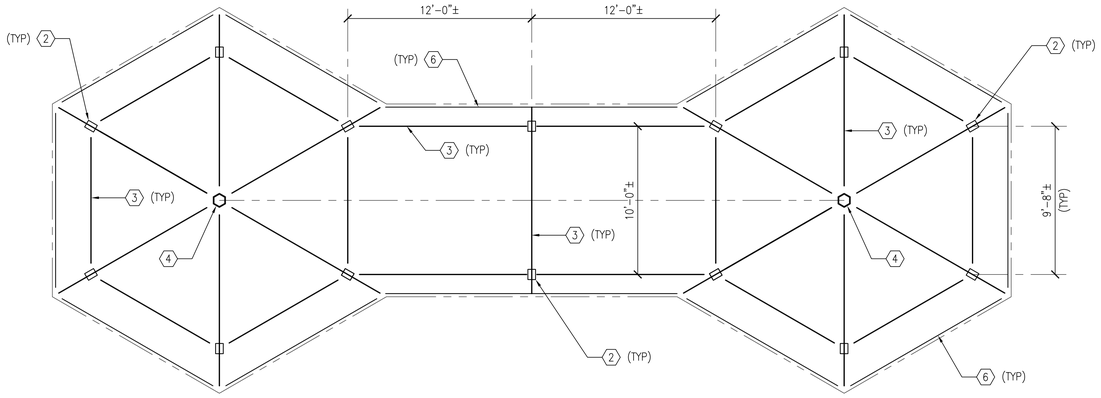
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES SFC408 AND SFC581 DEMOLITION
PLANS, SECTION AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041179
		CONSTR. CONTR. NO. N40085-23-B-0036

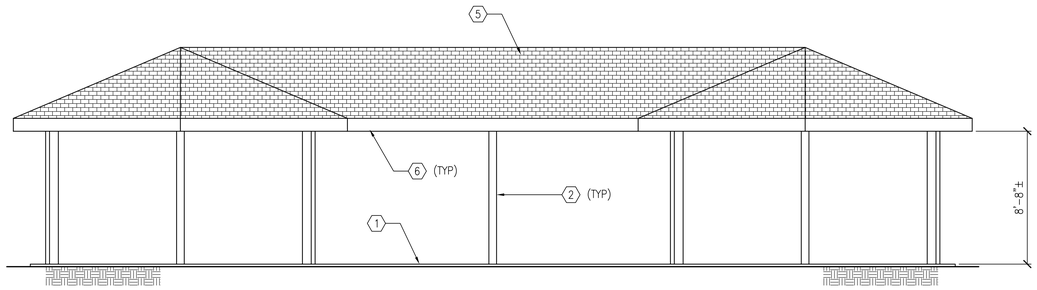
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 104 OF 114

REVISIONS			
SYM		DATE	APPROVED



STRUCTURE SFC499 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



STRUCTURE SFC499 DEMOLITION ELEVATION

NOT TO SCALE

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STRUCTURE SFC499 EXISTING CONDITIONS PHOTOS

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED SLAB IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE
2. EXISTING 6"x8" TIMBER COLUMN.
3. EXISTING GLULAM ROOF BEAMS.
4. EXISTING STEEL PLATE SHAPE.
5. EXISTING ASPHALT SHINGLES OVER 2x ROOF SHEATHING SUPPORTED ON GLULAM ROOF BEAMS.
6. EXISTING 2x RIM BOARD.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NO SUSPECT MATERIALS WERE FOUND DURING THE INSPECTION PERFORMED ON 7/18/24.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

DISCLOSURE OF INFORMATION

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NORTH CAROLINA PROFESSIONAL 022650 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

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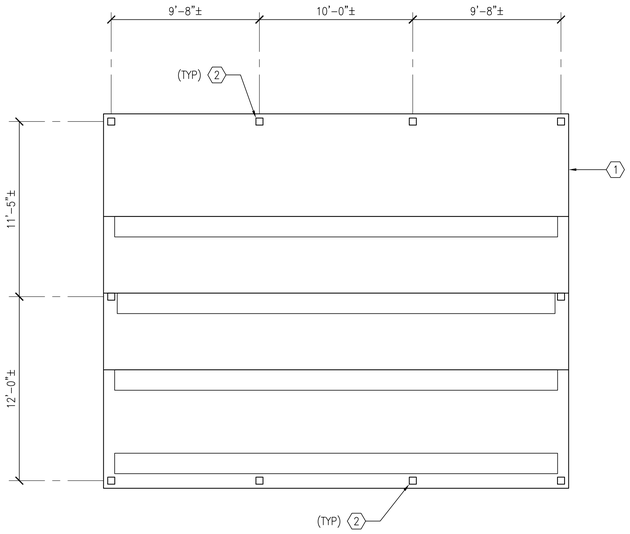
SD126

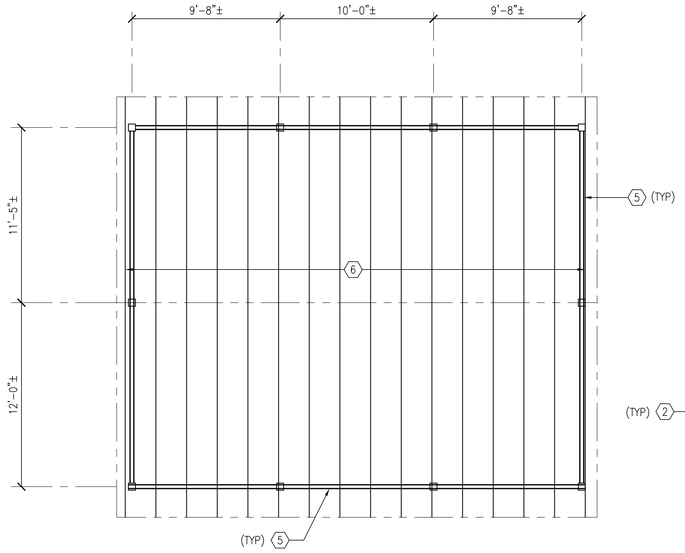
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. K. ROOMSBURG, P.E.	IR DEMO PACKAGE FY24
DR. J. SAWYER	MCB, CAMP LEJEUNE
CHK. K. ROOMSBURG, P.E.	STRUCTURE SFC499 DEMOLITION PLAN, ELEVATION AND EXISTING CONDITIONS PHOTOS
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC DATE	SIZE E1 · CODE IDENT. NO 80091 · NAVFAC DRAWING NO. 60041180
SATISFACTORY TO: DATE	CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED · SPEC. 05-23-0036	SHEET 105 OF 114



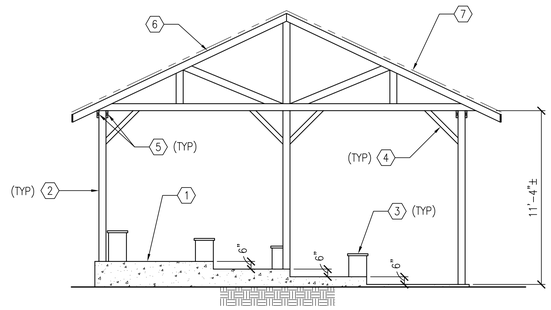
STRUCTURES SRR65 AND SRR66 DEMOLITION FOUNDATION PLAN

NOT TO SCALE



STRUCTURES SRR65 AND SRR66 DEMOLITION ROOF FRAMING PLAN

NOT TO SCALE



STRUCTURES SRR65 AND SRR66 DEMOLITION SECTION

NOT TO SCALE

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STRUCTURES SRR65 AND SRR66 EXISTING CONDITIONS PHOTOS

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED SLAB IN THE EXISTING STRUCTURES = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURES.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING SLAB-ON-GRADE WITH 6" STEPS
2. EXISTING 6"x6" TIMBER COLUMN.
3. EXISTING WOOD BENCH SEAT.
4. EXISTING 2x WOOD BRACING.
5. EXISTING (2) 2x6 WOOD BEAM AT PERIMETER
6. EXISTING WOOD TRUSS AT 24" OC.
7. EXISTING STANDING SEAM METAL ROOF OVER 2X WOOD ROOF SHEATHING.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 4/3/20 WITH THE FOLLOWING RESULTS:

* NO SUSPECT MATERIALS WERE FOUND DURING AN INSPECTION ON 4/3/20.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* RED WOOD
* WHITE WOOD
* GRAY CONCRETE
* WHITE CONCRETE

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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NORTH CAROLINA PROFESSIONAL 022630 ENGINEER 10-30-2024 KEVIN M. ROOMSBURG

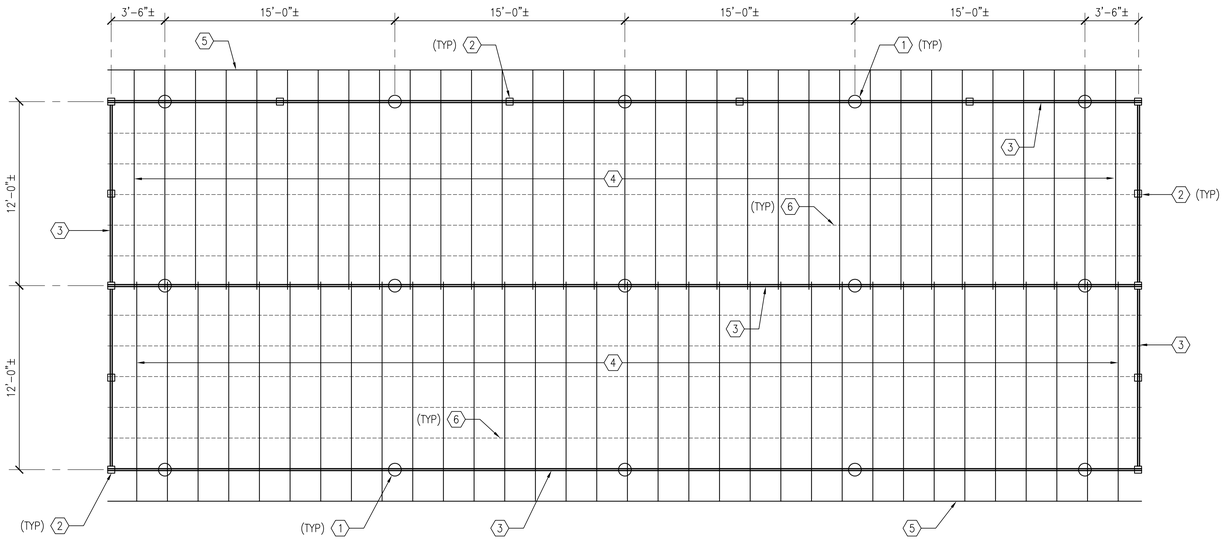
DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURES SRR65 AND SRR66 DEMOLITION PLAN, SECTION AND EXISTING CONDITIONS PHOTOS

SIZE E1 | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 60041181
CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036

SD127



STRUCTURE SRR105 DEMOLITION PLAN

NOT TO SCALE

1 PHOTO

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STRUCTURE SRR105 EXISTING CONDITIONS PHOTOS

NOT TO SCALE

REVISIONS			
SYM		DATE	APPROVED

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED GRADE IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL DEBRIS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING 10"ø TIMBER PILES
2. EXISTING 6"x6" TIMBER POST.
3. EXISTING (2) 2X6 WOOD BEAM.
4. EXISTING 2x6 WOOD JOISTS AT 24" OC.
5. EXISTING 2x6 RIM BOARD.
6. EXISTING 1x4 WOOD PURLIN AT 24" OC.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND DURING THE INSPECTION ON 7/18/24.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NO SUSPECT LEAD BASED PAINT WAS FOUND DURING THE INSPECTION ON 7/18/24.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED. ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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DES. K. ROOMSBURG, P.E.
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CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

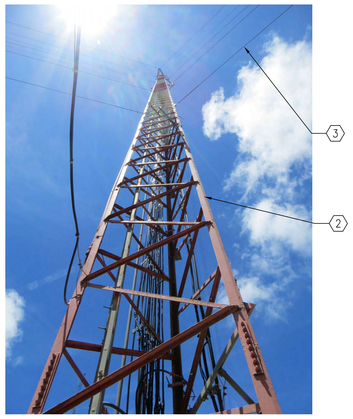
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE SRR105 DEMOLITION PLAN AND EXISTING CONDITIONS PHOTOS

SIZE E1 | CODE IDENT. NO 80091 | NAVFAC DRAWING NO. 60041182
CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED | SPEC. 05-23-0036

SD128

REVISIONS			
SYM		DATE	APPROVED

1 PHOTO



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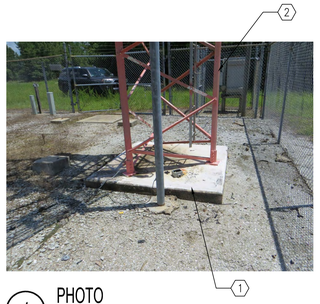

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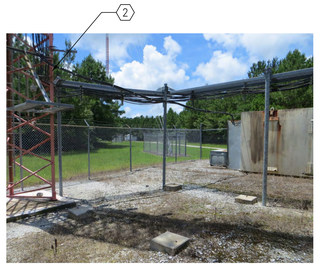

8 PHOTO

9 PHOTO

TOWER ST13 DEMOLITION PHOTOS

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED GRADE IN THE EXISTING TOWER = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL EQUIPMENT WITHIN THE TOWER COMPOUND.

KEYNOTES:

(1) EXISTING 6'-0"x6'-0" CONCRETE TOWER PAD.

(2) EXISTING ESTIMATED 310'-0"± TALL 3 LEG STEEL ANGLE FRAMED TOWER

(3) EXISTING STEEL CABLE GUY WIRES WITH GROUND ANCHORS.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/29/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* RED STEEL TOWER STRUCTURE
* WHITE STEEL TOWER STRUCTURE

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO TOWER DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

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2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

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LICENSE NO. C-0706
AVOLIS ENGINEERING, P.A.
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NORTH CAROLINA PROFESSIONAL 022639 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD129

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Virginia Beach, VA 23464-2664

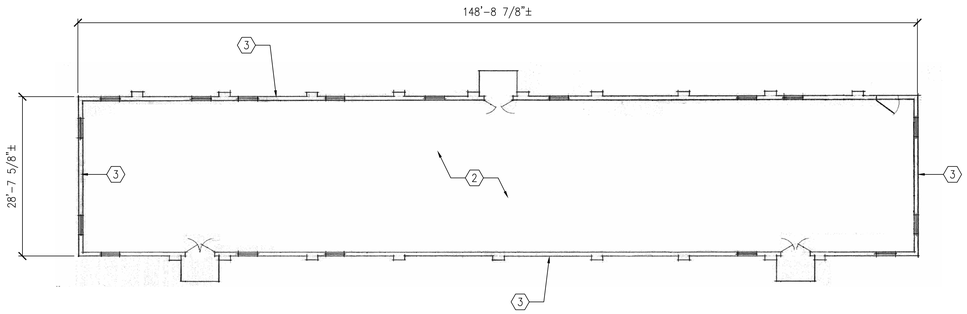
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
TOWER ST13 DEMOLITION PHOTOS

DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

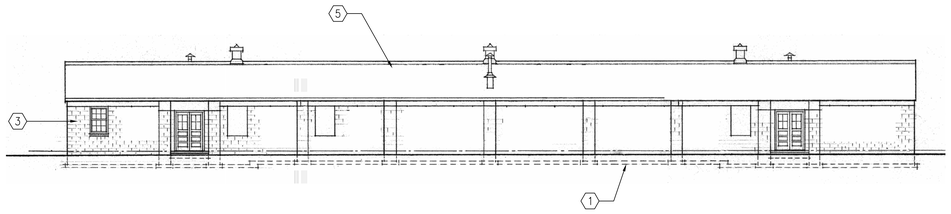
SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041183
		CONSTR. CONTR. NO. N40085-23-B-0036
SCALE: NOTED	SPEC. 05-23-0036	SHEET 108 OF 114

REVISIONS			
SYM		DATE	APPROVED



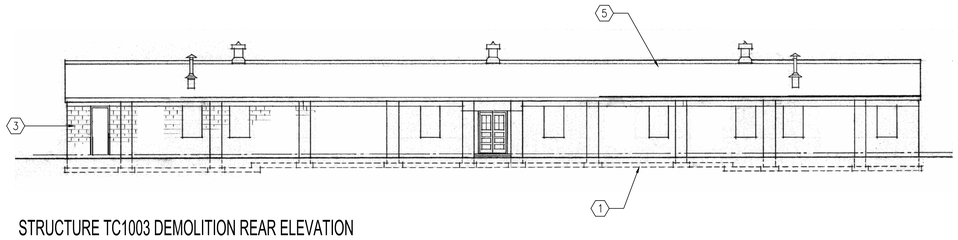
STRUCTURE TC1003 DEMOLITION FIRST FLOOR PLAN

NOT TO SCALE



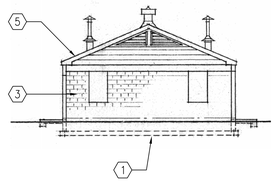
STRUCTURE TC1003 DEMOLITION FRONT ELEVATION

NOT TO SCALE



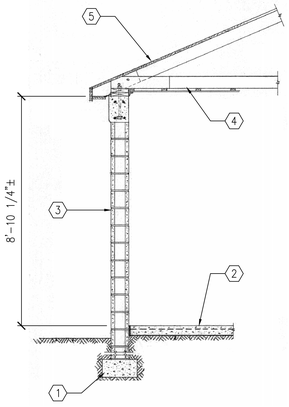
STRUCTURE TC1003 DEMOLITION REAR ELEVATION

NOT TO SCALE



STRUCTURE TC1003 DEMOLITION END ELEVATION

NOT TO SCALE



STRUCTURE TC1003 DEMOLITION WALL SECTION

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

7 PHOTO

8 PHOTO

STRUCTURE TC1003 EXISTING CONDITION PHOTOS

NOT TO SCALE

PLAN NOTES

1. DATUM FOR ALL ELEVATIONS GIVEN ON THIS PLAN IS FINISHED FLOOR IN THE EXISTING STRUCTURE = 0'-0". REFER TO CIVIL DRAWINGS FOR ACTUAL ELEVATION.
2. THE CONTRACTOR IS RESPONSIBLE FOR PROPER REMOVAL AND DISPOSAL OF ALL FURNISHINGS WITHIN THE STRUCTURE.
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOOTING.
2. EXISTING 4"± CONCRETE SLAB-ON-GRADE.
3. EXISTING 8"± CMU WALL.
4. EXISTING 2x6 WOOD TRUSS FRAMING AT 24" OC.
5. EXISTING STANDING SEAM METAL ROOF ON WOOD ROOF SHEATHING.

ASBESTOS INSPECTION PLAN NOTES:

ABATE NOTED ITEMS PER SPECIFICATIONS:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 8/12/24 WITH THE FOLLOWING RESULTS:

* EXTERIOR CAULK AT PILASTER EXPANSION JOINTS- APPROXIMATELY 50LF.
* ADDITIONAL ASBESTOS WAS IDENTIFIED IN CAMP LEJEUNE SURVEY IN:

  MISCELLANEOUS SEALANT AT EAST SIDE PHONE/ELECTRICAL BOX- APPROX. 1SF

  (ITEMS WERE EITHER NOT FOUND DURING CURRENT INSPECTION OR SAMPLED WITH NEGATIVE RESULTS)

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* EXTERIOR CREAM MASONRY
* GRAY STEEL WINDOW SECURITY BARS

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
IF ADDITIONAL COATINGS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE LEAD CONTAINING COATINGS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED LEAD PROFESSIONALS.

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NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022630 10-30-2024 KEVIN M. ROOMSBURG

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Virginia Beach, VA 23464-2664

DEPARTMENT OF THE NAVY · NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE TC1003 DEMOLITION PLAN, ELEVATIONS, SECTION AND EXISTING CONDITION PHOTOS

SD130

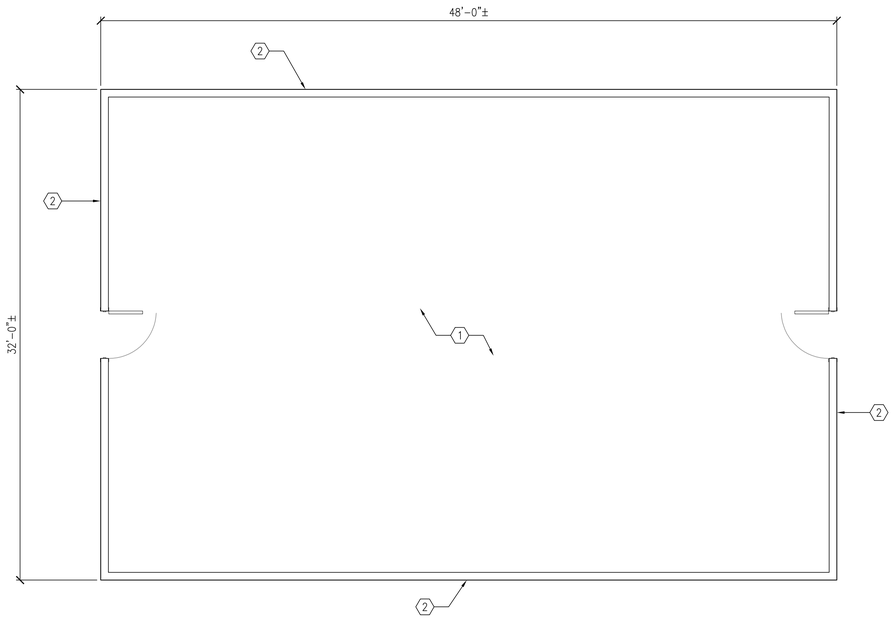
DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041184

CONSTR. CONTR. NO. N40085-23-B-0036

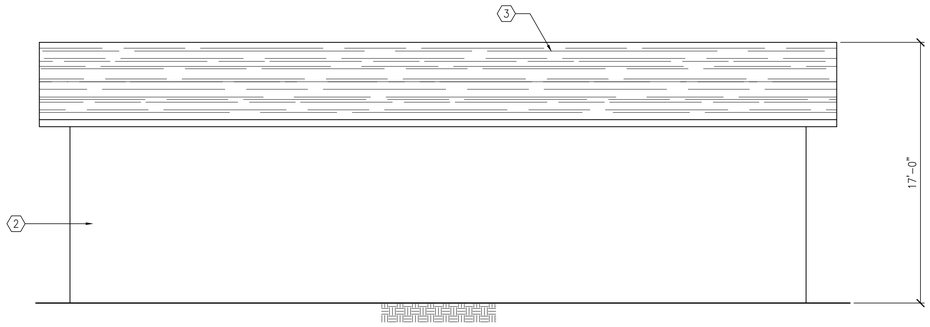
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 109 OF 114

REVISIONS			
SYM		DATE	APPROVED



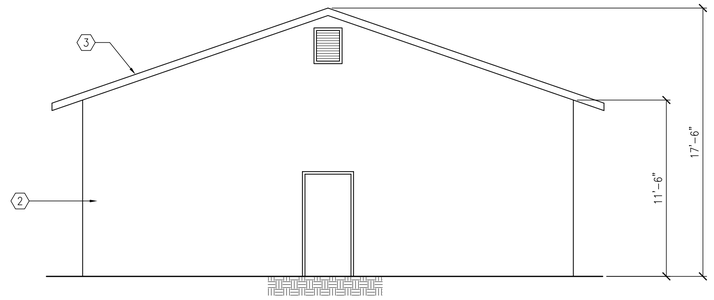
STRUCTURE VL61 DEMOLITION PLAN

NOT TO SCALE



STRUCTURE VL61 DEMOLITION SIDE ELEVATION

NOT TO SCALE



STRUCTURE VL61 DEMOLITION END ELEVATION

NOT TO SCALE

PLAN NOTES

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3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE.
2. EXISTING PLYWOOD SIDING OVER 2x4 WOOD STUDS AT 24"± OC.
3. EXISTING ASPHALT SHINGLE ROOF ON PLYWOOD SHEATHING SUPPORTED ON WOOD TRUSSES AT 24"± OC.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS ASBESTOS CONTAINING MATERIALS WHEN TESTED BY AN ACCREDITED LABORATORY.

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

LEAD INSPECTION PLAN NOTES:

LEAD WAS IDENTIFIED IN THE FOLLOWING COATINGS:

* NONE OF THE SAMPLES TAKEN WHERE IDENTIFIED AS LEAD BASED PAINT WHEN TESTED BY AN ACCREDITED LABORATORY.

REMOVAL OR ENCAPSULATION OF LEAD PAINT PRIOR TO STRUCTURE DEMOLITION IS NOT REQUIRED, ALL WORK SHOULD BE CONDUCTED BY WORKERS TRAINED IN "LEAD SAFE WORK PRACTICES" AS OUTLINED BY THE OCCUPATIONALLY SAFETY AND HEALTH ADMINISTRATION (OSHA).

CONTRACTOR TO REVIEW LEAD INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.
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1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

STRUCTURE VL61 EXISTING CONDITION PHOTOS

NOT TO SCALE

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Virginia Beach, VA 23464-2664

NORTH CAROLINA PROFESSIONAL 022650 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

SD131

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES.	K. ROOMSBURG, P.E.
DR.	J. SAWYER
CHK.	K. ROOMSBURG, P.E.
SUBMITTED BY:	
DESIGN DIR.	T. H. BURTON, P.E.
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

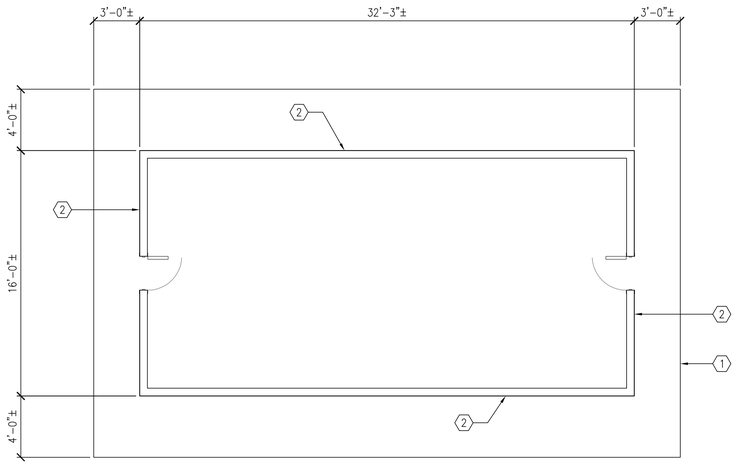
IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE VL61 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041185

CONSTR. CONTR. NO. N40085-23-B-0036

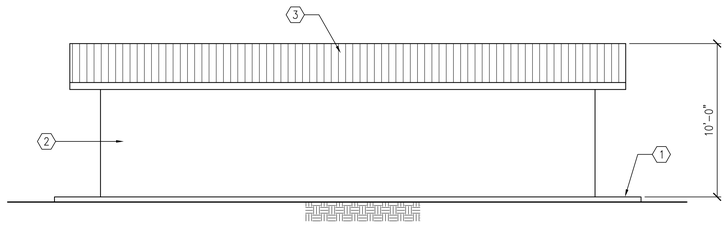
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 110 OF 114

REVISIONS			
SYM		DATE	APPROVED



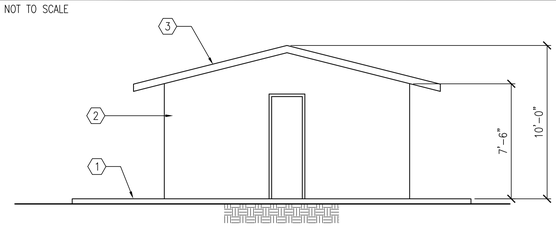
STRUCTURE VL325 DEMOLITION PLAN

NOT TO SCALE



STRUCTURE VL325 DEMOLITION SIDE ELEVATION

NOT TO SCALE



STRUCTURE VL325 DEMOLITION END ELEVATION

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

STRUCTURE VL325 EXISTING CONDITION PHOTOS

NOT TO SCALE

PLAN NOTES

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3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE SLAB-ON-GRADE.
2. EXISTING PLYWOOD SIDING OVER 2x4 WOOD STUDS.
3. EXISTING METAL CORRUGATED ROOF ON 2x6 WOOD PURLINS SUPPORTED ON 2x6 WOOD RAFTERS AT 24" OC.

ASBESTOS INSPECTION PLAN NOTES:

A SURVEY FOR LEAD AND ASBESTOS CONTAINING MATERIALS WAS CONDUCTED ON 7/18/24 WITH THE FOLLOWING RESULTS:

* NO SUSPECT ASBESTOS CONTAINING MATERIALS WERE FOUND DURING INSPECTION

IF ADDITIONAL SUSPECT MATERIALS ARE FOUND DURING DEMOLITION THAT ARE NOT ON THE SURVEY REPORT, CONTRACTOR TO ASSUME THESE MATERIALS ARE ASBESTOS CONTAINING MATERIALS UNTIL SAMPLED AND TESTED BY ACCREDITED AND LICENSED ASBESTOS PROFESSIONALS. CONTRACTOR TO REVIEW ASBESTOS INSPECTION REPORT AND SPECIFICATIONS BEFORE COMMENCING DEMOLITION.

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NORTH CAROLINA PROFESSIONAL 022630 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

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SD132

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

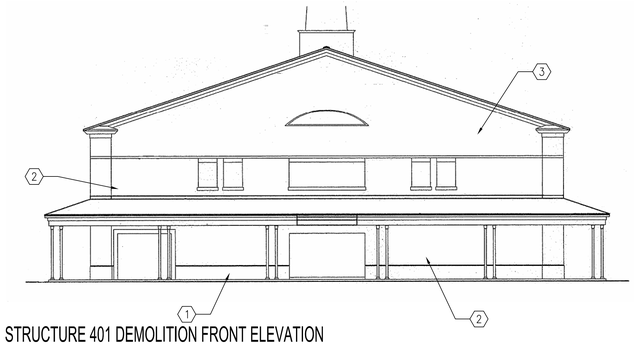
DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE
STRUCTURE VL325 DEMOLITION PLAN, ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041186
		CONSTR. CONTR. NO. N40085-23-B-0036

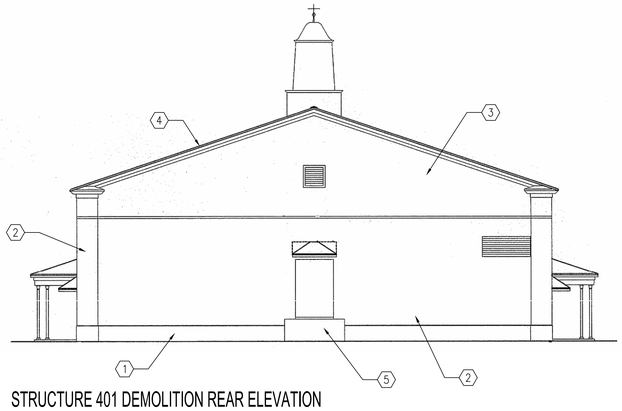
SCALE: NOTED | SPEC. 05-23-0036 | SHEET 111 OF 114

REVISIONS			
SYM		DATE	APPROVED



STRUCTURE 401 DEMOLITION FRONT ELEVATION

NOT TO SCALE



STRUCTURE 401 DEMOLITION REAR ELEVATION

NOT TO SCALE

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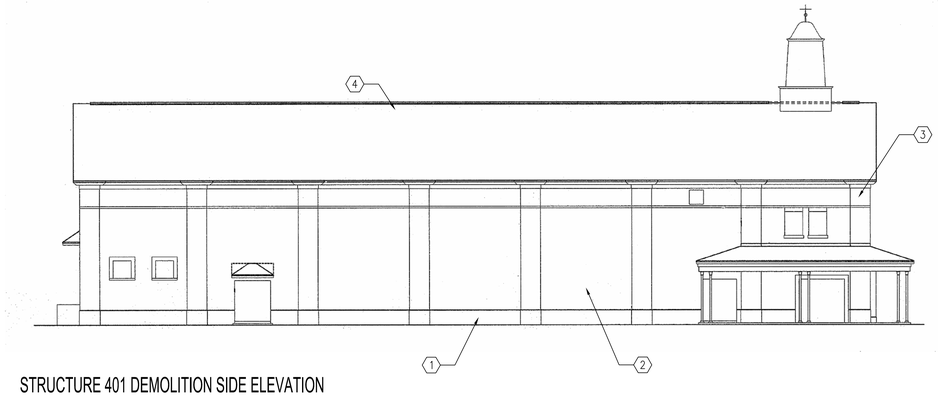
3. REFER TO THIS SHEET FOR EXISTING CONDITION PHOTOS.

KEYNOTES:

1. EXISTING CONCRETE FOUNDATION WALL ON CONCRETE FOOTING.
2. EXISTING BRICK VENEER.
3. EXISTING VINYL SIDING.
4. EXISTING ASPHALT SHINGLES ON WOOD ROOF SHEATHING SUPPORTED ON WOOD TRUSS AT 24" OC.
5. EXISTING CONCRETE RAMP AND STEEL FRAMED STAIRS, REFER TO EXISTING CONDITIONS PHOTO #8 THIS SHEET.



STRUCTURE 401 DEMOLITION SIDE ELEVATION

NOT TO SCALE

1 PHOTO

2 PHOTO

3 PHOTO

4 PHOTO

5 PHOTO

6 PHOTO

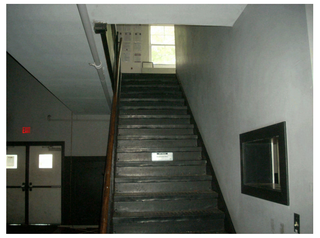
7 PHOTO

8 PHOTO

9 PHOTO

10 PHOTO

11 PHOTO



12 PHOTO

STRUCTURE 401 EXISTING CONDITION PHOTOS

NOT TO SCALE

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NORTH CAROLINA PROFESSIONAL 022830 ENGINEER KEVIN M. ROOMSBURG 10-30-2024

NRW ENGINEERING
NRW Engineering, P.C.
748 Lord Dunmore Drive, Suite 101
Virginia Beach, VA 23464-2664

DES. K. ROOMSBURG, P.E.
DR. J. SAWYER
CHK. K. ROOMSBURG, P.E.
SUBMITTED BY:
DESIGN DIR. T. H. BURTON, P.E.
APPROVED: PWO OR OICC DATE
SATISFACTORY TO: DATE

SD201

DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE

CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE 401 DEMOLITION ELEVATIONS AND EXISTING CONDITION PHOTOS

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041187

CONSTR. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 112 OF 114

REVISIONS			
SYM		DATE	APPROVED

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STRUCTURE AS849 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

1. THE CONTRACTING OFFICER HAS GIVEN PRIOR WRITTEN APPROVAL; OR
2. THE INFORMATION IS OTHERWISE IN THE PUBLIC DOMAIN BEFORE THE DATE OF RELEASE.

B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

C. THE CONTRACTOR AGREES TO INCLUDE A SIMILAR REQUIREMENT IN EACH SUBCONTRACT UNDER THIS CONTRACT. SUBCONTRACTORS SHALL SUBMIT REQUESTS FOR AUTHORIZATION TO RELEASE THROUGH THE PRIME CONTRACTOR TO THE CONTRACTING OFFICER.

LICENSE NO. C-0706

AVOLIS ENGINEERING, P.A.

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE AS849 EXISTING CONDITION PHOTOS

DES. K. ROOMSBURG, P.E.	
DR. J. SAWYER	
CHK. K. ROOMSBURG, P.E.	
SUBMITTED BY:	
DESIGN DIR. T. H. BURTON, P.E.	
APPROVED: PWO OR OICC	DATE
SATISFACTORY TO:	DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041188

CONSTR. CONTR. NO. N40085-23-B-0036

SCALE: NOTED | SPEC. 05-23-0036 | SHEET 113 OF 114

REVISIONS			
SYM		DATE	APPROVED

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STRUCTURE AS3540 EXISTING CONDITION PHOTOS

NOT TO SCALE

DISCLOSURE OF INFORMATION

THE CONTRACTOR SHALL COMPLY AS FOLLOWS:

A. THE CONTRACTOR SHALL NOT RELEASE TO ANYONE OUTSIDE THE CONTRACTOR'S ORGANIZATION ANY UNCLASSIFIED INFORMATION, REGARDLESS OF THE MEDIUM (E.G. FILM, TAPE, DOCUMENT), PERTAINING TO ANY PART OF THIS CONTRACT OR ANY PROGRAM RELATED TO THIS CONTRACT, UNLESS

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B. REQUESTS FOR APPROVAL SHALL IDENTIFY THE SPECIFIC INFORMATION TO BE RELEASED, THE MEDIUM TO BE USED, AND THE PURPOSE FOR THE RELEASE. THE CONTRACTOR SHALL SUBMIT ITS REQUEST TO THE CONTRACTING OFFICER AT LEAST 45 DAYS BEFORE THE PROPOSED DATE OF RELEASE.

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NORTH CAROLINA PROFESSIONAL 022630 10-30-2024 ENGINEER KEVIN M. ROOMSBURG

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DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND

MARINE CORPS BASE
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IR DEMO PACKAGE FY24
MCB, CAMP LEJEUNE

STRUCTURE AS3540 EXISTING CONDITION PHOTOS

APPROVED: PWO OR OICC DATE

SATISFACTORY TO: DATE

SIZE	CODE IDENT. NO	NAVFAC DRAWING NO.
E1	80091	60041189

CONSTR. CONTR. NO. N40085-23-B-0036

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