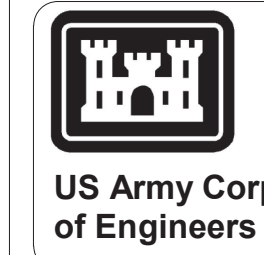


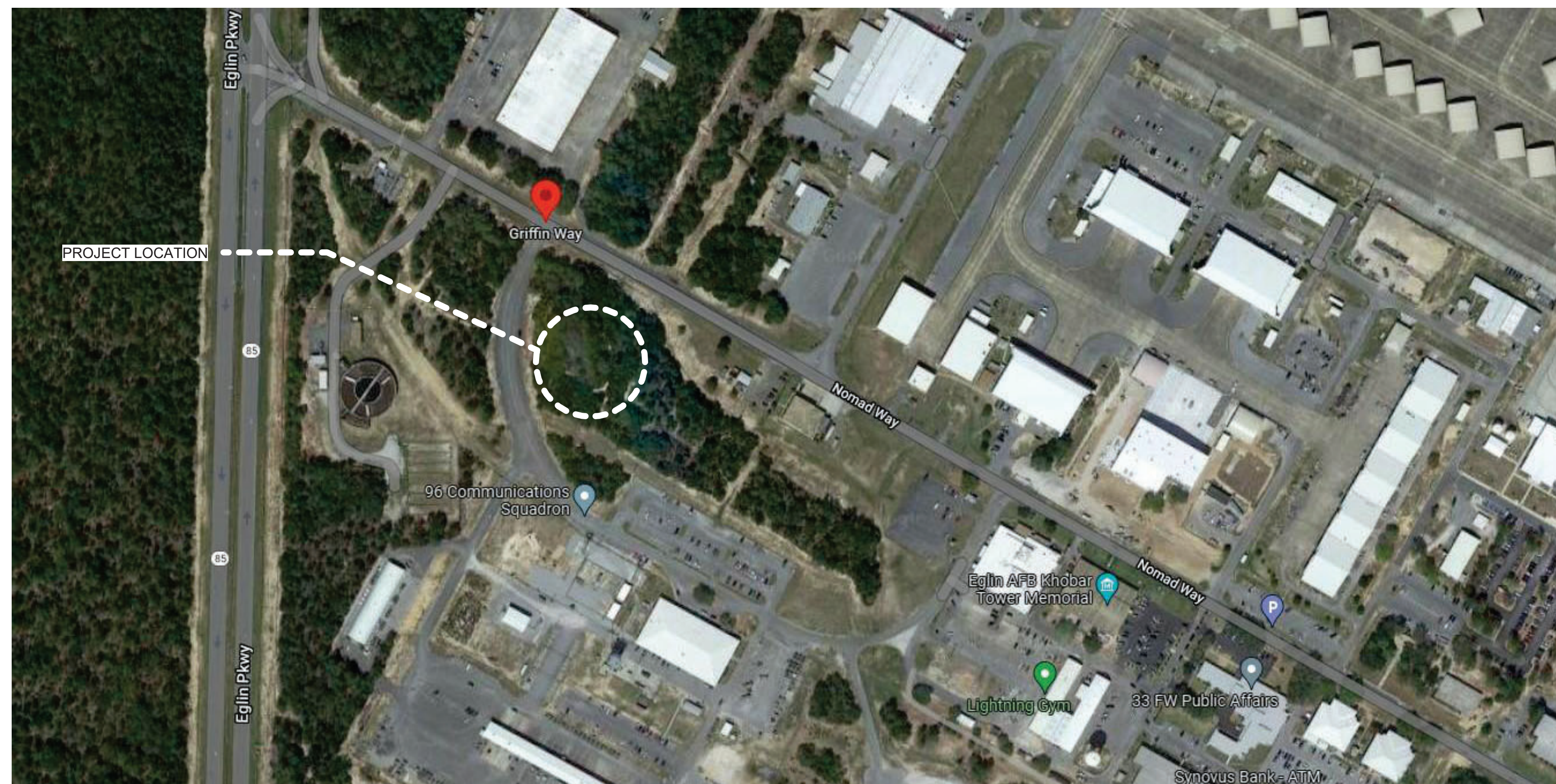


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EGLIN AFB, FL LRSO HARDWARE SOFTWARE DEVELOPMENT FACILITY TASK ORDER NO.: W9127823F0197



SOLICITATION NO.: W9127826RA012
CONTRACT NO.: W9127825R0036
ISSUE DATE: JANUARY 2026
VOLUME:

MARK	DESCRIPTION	DATE
1	AMND.0001 - ASUS PUMP SELECTION UPDATES	03/23/2026

DESIGNED BY: C. HILBRENNER	ISSUE DATE: JANUARY 2026
DRAWN BY: C. HILBRENNER	SOLICITATION NO.: W9127826RA012
CHECKED BY: D. SOSA	CONTRACT NO.: W9127825R0036
SUBMITTED BY: D. SOSA	
ANSI D	
US ARMY CORPS OF ENGINEERS MOBILE DISTRICT 109 ST JOSEPH ST, MOBILE, AL 36602	
KNIGHT ARCHITECTS, INC 4660 VILLAGE CT, ATLANTA, GA 30338	

EGLIN AFB, FL
LRSO HARDWARE SOFTWARE DEVELOPMENT FACILITY
TASK ORDER NO.: W9127823F0197
COVER SHEET

SHEET ID
G-001

AMENDMENT NO. 0007

1 SHEAR WALL / METAL STUD WALL SCHEDULE

WALL TYPE	FRAMING INFORMATION				TOP & BOTTOM TRACK CONNECTION	HOLDDOWN CAPACITY	HOLDDOWN ANCHOR SIZE AND TYPE	SHEATHING INFORMATION			REMARKS
	TYPICAL STUD	TOP TRACK	BOTTOM TRACK	BOUNDARY MEMBER				SHEATHING	PANEL EDGE SCREW SPACING	PANEL FIELD SCREW SPACING	
1	600S200-54 @ 16"	600T200-54	600T150-54	(2) 600S200-54	(1) 0.157"Ø @ 8" OC + CLIP	2,500 LBS	5/8" DIA CIP ANCHOR	(1) 0.030" STEEL SHEET	#8 @ 6" OC	#8 @ 12" OC	1. CLIP ANGLE SHALL BE INSTALLED ON EACH STUD TOP AND BOTTOM. THE MINIMUM CLIP ANGLE CAPACITY SHALL BE 1,700 LBS PARALLEL TO THE AXIS OF THE STUD. 2. THE SINGLE PLY OF STEEL SHEETING MUST BE INSTALLED ON THE EXTERIOR FACE OF STUDS.
2	600S200-54 @ 16"	600T200-54	600T150-54	(2) 600S200-54	(1) 0.157"Ø @ 8" OC + CLIP	5,000 LBS	7/8" DIA CIP ANCHOR	(1) 0.030" STEEL SHEET	#8 @ 6" OC	#8 @ 12" OC	1. CLIP ANGLE SHALL BE INSTALLED ON EACH STUD TOP AND BOTTOM. THE MINIMUM CLIP ANGLE CAPACITY SHALL BE 1,700 LBS PARALLEL TO THE AXIS OF THE STUD. 2. THE SINGLE PLY OF STEEL SHEETING MUST BE INSTALLED ON THE EXTERIOR FACE OF STUDS.
3	600S200-54 @ 16"	600T200-54	600T150-54	(2) 600S200-54	(1) 0.157"Ø @ 8" OC + CLIP	3,800 LBS	5/8" DIA CIP ANCHOR	(1) 0.030" STEEL SHEET	#8 @ 6" OC	#8 @ 12" OC	1. CLIP ANGLE SHALL BE INSTALLED ON EACH STUD TOP AND BOTTOM. THE MINIMUM CLIP ANGLE CAPACITY SHALL BE 1,700 LBS PARALLEL TO THE AXIS OF THE STUD. 2. THE SINGLE PLY OF STEEL SHEETING MAY BE INSTALLED ON EITHER FACE OF STUDS.
4	600S200-54 @ 16"	600T200-54	600T150-54	(2) 600S200-54	(1) 0.157"Ø @ 8" OC + CLIP	5,000 LBS	7/8" DIA CIP ANCHOR	(1) 0.030" STEEL SHEET	#8 @ 6" OC	#8 @ 12" OC	1. CLIP ANGLE SHALL BE INSTALLED ON EACH STUD TOP AND BOTTOM. THE MINIMUM CLIP ANGLE CAPACITY SHALL BE 1,700 LBS PARALLEL TO THE AXIS OF THE STUD. 2. THE SINGLE PLY OF STEEL SHEETING MAY BE INSTALLED ON EITHER FACE OF STUDS.
2	BEARING WALL	600S200-54 @ 16"	600T200-54	600S200-54	(2) 0.157"Ø @ EACH STUD + CLIP			5/8" GYPSUM WALL BOARD	#8 @ 7" OC	#8 @ 12" OC	1. CLIP ANGLE SHALL BE INSTALLED ON EACH STUD TOP AND BOTTOM. THE MINIMUM CLIP ANGLE CAPACITY SHALL BE 1,700 LBS PARALLEL TO THE AXIS OF THE STUD. 2. GYPSUM BOARD ON EACH FACE OF STUDS.
	PANEL BLOCKING	600S200-54	600T200-54	600S200-54	(4) 0.157"Ø @ 6" OC			EXTERIOR FACE: (1) 0.030" STEEL SHEET INTERIOR FACE: 5/8" GYPSUM WALL BOARD	#8 @ 6" OC (EACH FACE)	#8 @ 12" OC (EACH FACE)	1. SEE DETAILS A1/S-525 & J10/S-528 FOR ADDL INFO 2. THE SINGLE PLY OF STEEL SHEETING MUST BE INSTALLED ON THE EXTERIOR FACE OF STUDS. THE INTERIOR FACE OF STUDS MUST HAVE GYPSUM BOARD INSTALLED. 3. DIAGONAL STRUT TO MATCH TYP WALL STUD

GENERAL SHEET NOTES:

- FOR STRUCTURAL NOTES, LEGENDS, AND ABBREVIATIONS SEE SHEETS S-001 THROUGH S-011.



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06-05-2026
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PE TRUSS, SEE ROOF FRAMING PLAN

DIAGONAL STRUT, SEE METAL STUD WALL SCHEDULE

BUILT-UP PANEL BLOCKING BETWEEN TRUSSES, SEE DETAIL J10/S-528

ADD BLOCKING AT 2'-0" OC AT FIRST AND SECOND END PANELS OF EACH SHEAR WALL

DOUBLE STUD AT EACH VERTICAL PANEL JOINT

WALL STUD, SEE SCHEDULE

BOUNDARY MEMBER, SEE SCHEDULE

DOUBLE BRACE AT EACH HORIZONTAL PANEL JOINT

BLOCK ALL FREE PANEL EDGES WITH SCHEDULED WALL STUD

PANEL EDGE SCREW SPACING, SEE SCHEDULE

#8 SCREWS TYPICAL

ORIENT PANELS VERTICALLY, ELIMINATE HORIZONTAL JOINTS WHERE POSSIBLE

PANEL FIELD SCREW SPACING, SEE SCHEDULE

MIN DISTANCE FROM EDGE OF PANEL TO SCREW = 3/8"

STRUCTURAL PANELS, SEE SCHEDULE

CLIP ANGLE CONNECTOR, SEE SCHEDULE AND DETAIL E10/S-527, TYPICAL T&B

HOLDDOWNS AND ANCHOR BOLTS, SEE SCHEDULE

LOAD DISTRIBUTION/COLLECTOR MEMBER

TOP TRACK, SEE SCHEDULE

BOUNDARY MEMBER, SEE SCHEDULE

JAMB STUD

HEADER, SEE SHEET S-529 FOR DETAILS

PROVIDE SCREWS AT EDGE SPACING AT EACH BOUNDARY MEMBER, FULL HEIGHT

BOTTOM TRACK, SEE SCHEDULE

0.157 DIA X 1" EMBED PAF, SEE BOTTOM TRACK CONNECTION IN SCHEDULE FOR PAF QUANTITY AND SPACING

EXTENT OF SHEAR WALL

A1 SHEAR WALL ELEVATION

NTS

DESIGNED BY: J. DANNE
DRAWN BY: L. GRELLNER
CHECKED BY: B. COOK
SUBMITTED BY: D. SOSA

US ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
109 ST JOSEPH ST, MOBILE, AL 36602

EGLIN AFB, FL
LRSO HARDWARE SOFTWARE DEVELOPMENT FACILITY
TASK ORDER NO.: W9127232F0197

COLD FORM DETAILS

SHEET ID

S-525

File Path: \\LRSO\lrsos\AFB\Right Hardware Software_S525.rvt

Plot Date: 6/4/2026 4:00:10 PM

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