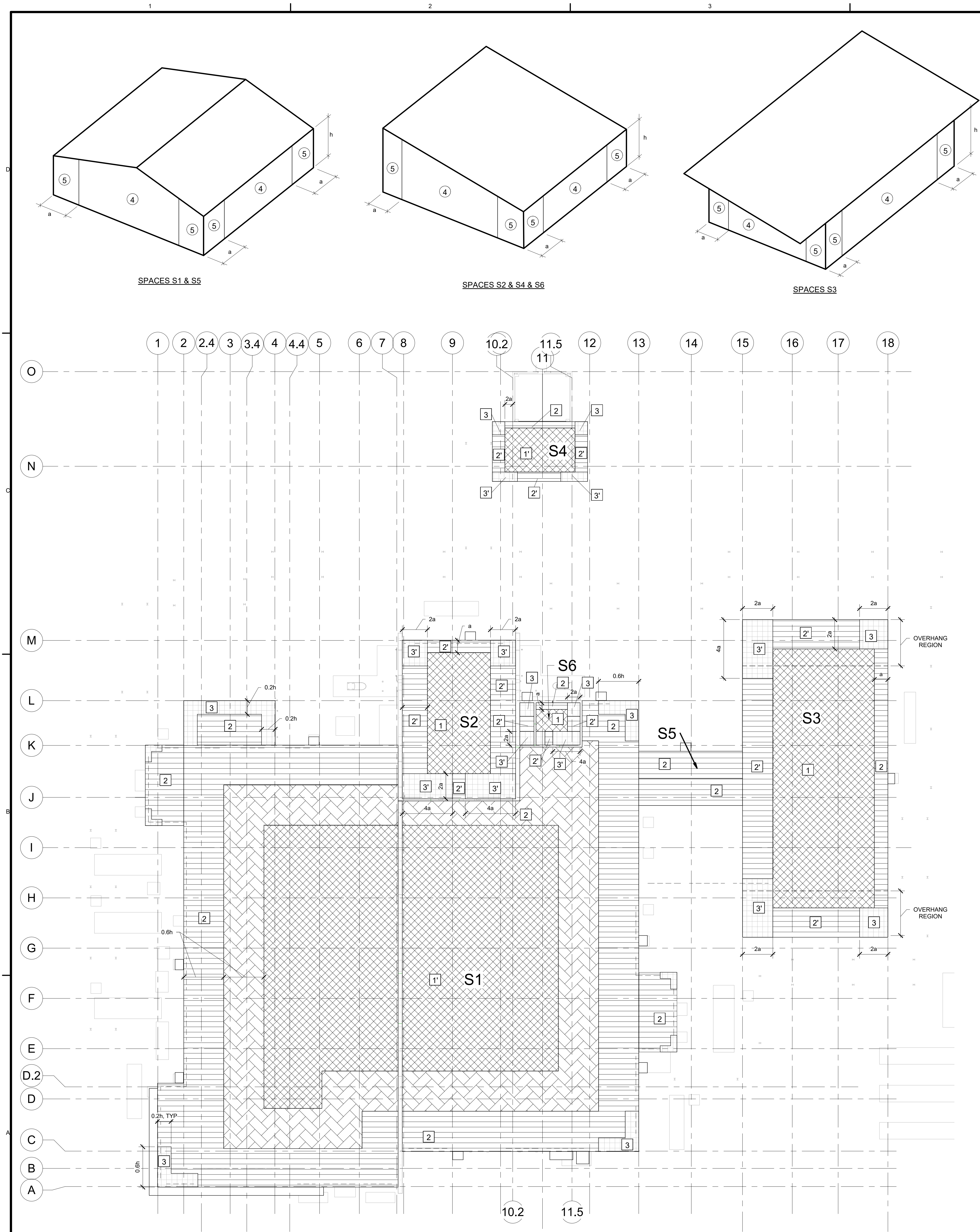




ULTIMATE COMPONENTS AND CLADDING WIND PRESSURE (PSF)					
SPACE S1					
LOCATION	ZONE	EFFECTIVE WIND AREA (SF)			
		10	100	200	500
WALL (a=12.8ft)	4	+29/-31	+24/-26	+24/-25	+22/-24
	5	+29/-38	+24/-30	+24/-28	+22/-24
	1'	+16/-29	+16/-29	+16/-25	+16/-20
ROOF (0.6h = 19.2ft)	1	+16/-50	+16/-40	+16/-37	+16/-32
	2	+16/-66	+16/-53	+16/-48	+16/-42
	3	+16/-90	+16/-62	+16/-53	+16/-42

ULTIMATE COMPONENTS AND CLADDING WIND PRESSURE (PSF)					
SPACE S2					
LOCATION	ZONE	EFFECTIVE WIND AREA (SF)			
		10	100	200	500
WALL (a=6ft.)	4	+32/-34	+26/-29	+26/-28	+24/-26
	5	+32/-42	+26/-33	+26/-30	+24/-26
ROOF (a=6ft.) (2a=12ft.) (4a=24ft.)	1	+16/-37	+16/-37	+16/-37	+16/-37
	2	+16/-43	+16/-40	+16/-40	+16/-40
	2'	+16/-52	+16/-49	+16/-49	+16/-49
	3	+16/-58	+16/-40	+16/-40	+16/-40
	3'	+16/-61	+16/-52	+16/-52	+16/-52

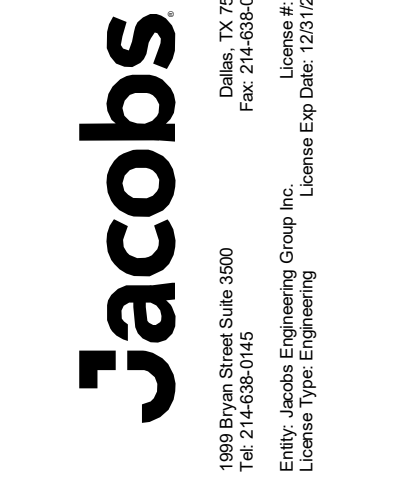
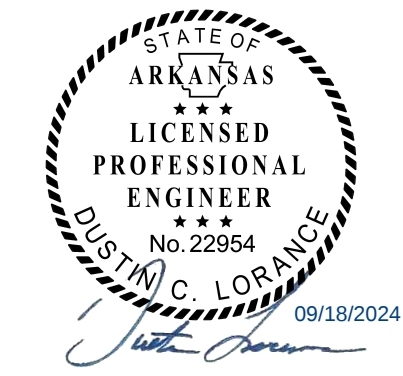
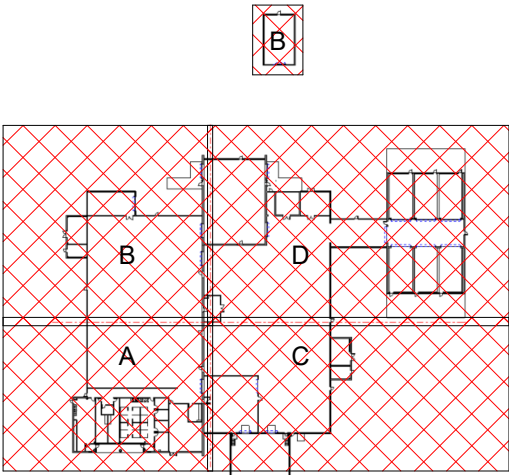
ULTIMATE COMPONENTS AND CLADDING WIND PRESSURE (PSF)					
SPACE S3					
LOCATION	ZONE	EFFECTIVE WIND AREA (SF)			
		10	100	200	500
WALL (a=7ft.)	4	+28/-30	+23/-25	+23/-24	+21/-23
	5	+28/-37	+23/-29	+23/-27	+21/-23
ROOF (a=7ft.) (2a=14ft.) (4a=28ft.)	1	+16/-33	+16/-33	+16/-33	+16/-33
	2	+16/-38	+16/-36	+16/-36	+16/-36
	2'	+16/-46	+16/-43	+16/-43	+16/-43
	3	+16/-51	+16/-36	+16/-36	+16/-36
	3'	+16/-72	+16/-46	+16/-46	+16/-46
	3 & 3' Overhang	+16/-87	+16/-56	+16/-46	+16/-33
	2 & 2' Overhang	+16/-64	+16/-46	+16/-41	+16/-33
	1 Overhang	+16/-48	+16/-46	+16/-40	+16/-30

ULTIMATE COMPONENTS AND CLADDING WIND PRESSURE (PSF)					
SPACE S4					
LOCATION	ZONE	EFFECTIVE WIND AREA (SF)			
		10	100	200	500
WALL (a=3ft.)	4	+25/-27	+21/-23	+21/-23	+19/-21
	5	+25/-34	+21/-26	+21/-24	+19/-21
ROOF (a=3ft.) (2a=6ft.) (4a=12ft.)	1	+16/-30	+16/-30	+16/-30	+16/-30
	2	+16/-35	+16/-32	+16/-32	+16/-32
	2'	+16/-42	+16/-40	+16/-40	+16/-40
	3	+16/-46	+16/-32	+16/-32	+16/-32
	3'	+16/-65	+16/-42	+16/-42	+16/-42

ULTIMATE COMPONENTS AND CLADDING WIND PRESSURE (PSF)					
SPACE S5					
LOCATION	ZONE	EFFECTIVE WIND AREA (SF)			
		10	100	200	500
WALL (a=3ft)	4	+27/-29	+22/-24	+24/-23	+20/-22
	5	+27/-36	+22/-28	+22/-26	+20/-22
ROOF (0.6h = 14ft & 0.2h = 9ft)	1'	+16/-27	+16/-26	+16/-23	+16/-18
	1	+16/-46	+16/-36	+16/-34	+16/-29
	2	+16/-61	+16/-49	+16/-44	+16/-39
	3	+16/-83	+16/-57	+16/-49	+16/-39

ULTIMATE COMPONENTS AND CLADDING WIND PRESSURE (PSF)					
SPACE S6					
LOCATION	ZONE	EFFECTIVE WIND AREA (SF)			
		10	100	200	500
WALL (a=3ft)	4	+29/-32	+24/-27	+24/-26	+22/-24
	5	+29/-39	+24/-30	+24/-28	+22/-24
ROOF (a=3ft) (2a=6ft) (4a=24ft)	1	+16/-35	+16/-35	+16/-35	+16/-35
	2	+16/-40	+16/-37	+16/-37	+16/-37
	2'	+16/-48	+16/-45	+16/-45	+16/-45
	3	+16/-53	+16/-37	+16/-37	+16/-37
	3'	+16/-75	+16/-48	+16/-48	+16/-48

1. THE WIND LOAD PRESSURE ILLUSTRATED IN THE SCHEDULE MUST BE USED FOR THE DESIGN OF COMPONENTS AND CLADDING ELEMENTS NOT EXPLICITLY DESIGNED WITHIN THESE DOCUMENTS AND NOT SPECIFICALLY DESIGNED BY THE REGISTERED DESIGN PROFESSIONAL.
2. LOADS INDICATED ARE BASED ON THE STRENGTH DESIGN WIND SPEED OF ASCE 7-16.
3. POSITIVE PRESSURES ACT TOWARDS THE SURFACE AND NEGATIVE PRESSURES ACT AWAY FROM THE SURFACE.
4. THE WIND LOADS ARE BASED ON ZONES WHICH LOCATE THE SPECIFIC AREAS ON THE ROOF AND WALL SURFACES.



DESIGN		DATE		REVISION		CHK		APVD		BY		TM	
NO.	DATE	DR	KCM	APVD	JM	HB	CHK	APVD	JM	BY	KCM	TM	TM
0	09/18/2024	100% ISSUED FOR CONSTRUCTION											

GMLRS
Camden OSD
Calhoun County, Arkansas
Aerojet Rocketdyne

STRUCTURAL
COMPONENTS AND CLADDING WIND
LOADING DIAGRAM

SHEET NO
S-006

SCALE As indicated
DATE 09/18/2024
PROJ D3754502
DWG