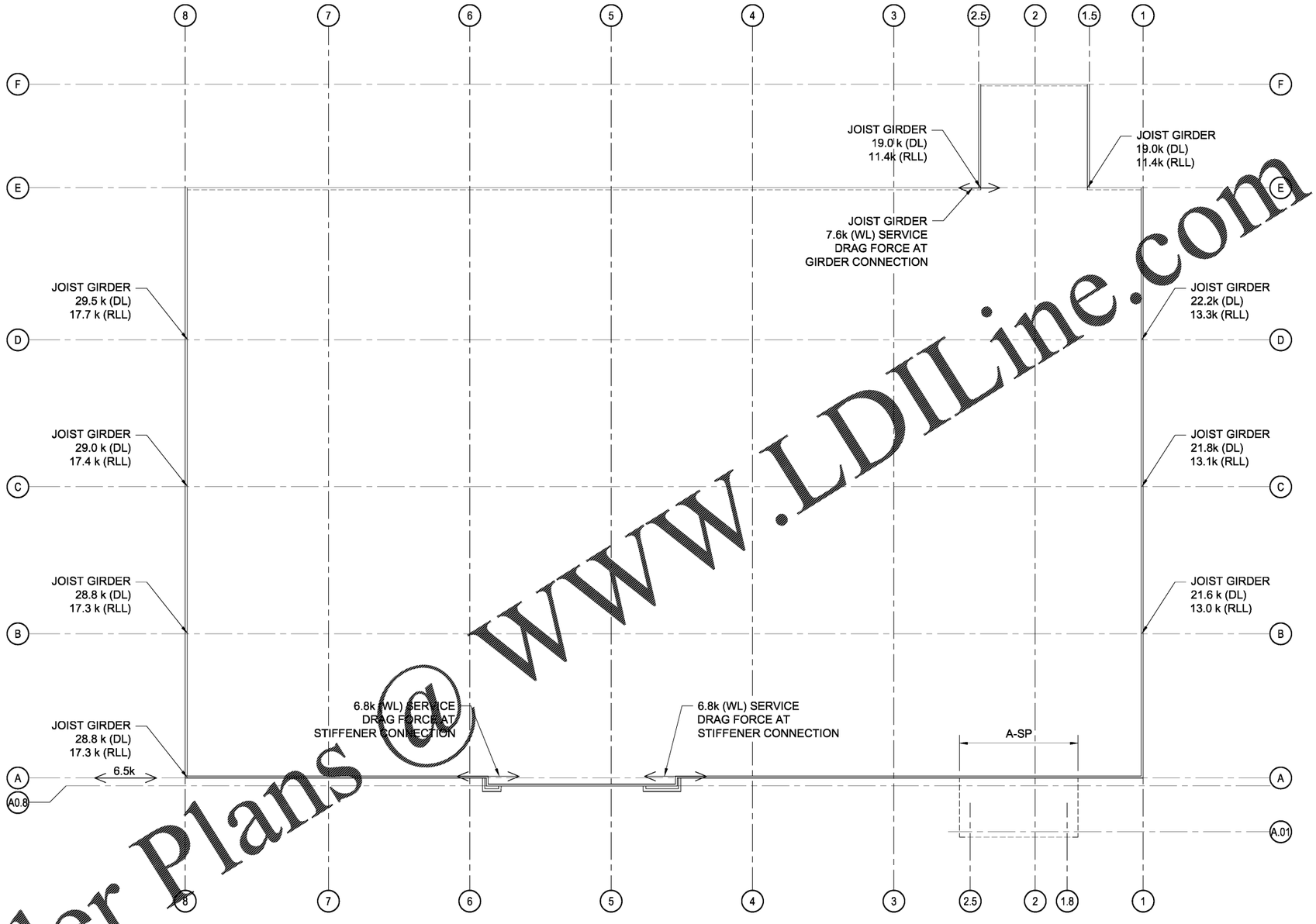

1 PRECAST WALL LOADING DIAGRAM

PRECAST WALL LOADING DATA				
GRID	DISTRIBUTED GRAVITY LOADS (PLF)		DISTRIBUTED IN-PLANE DIAPHRAGM LATERAL LOADS (PLF)	
	DEAD (DL)	ROOF LIVE (RLL)	WIND (WL)	SEISMIC (EL)
A	536	536	195	34
A-SP	736	736	265	43
E	565	565	221	41
F	385	385	219	59
1	60	60	328	35
2	60	60	228	37
8	60	60	383	41

NOTES:

1. WIND LOADS (WL) ARE SERVICE LEVEL LOADS.
2. SEISMIC LOADS (EL) ARE SERVICE LEVEL LOADS.
3. WALLS WITH NO IN-PLATE LATERAL LOADS INDICATED ARE NOT REQUIRED TO BE DESIGNED TO CARRY IN-PLANE LATERAL LOADS.
4. PRECAST SUPPLIER TO DESIGN ALL EMBEDS FOR OUT-OF-PLANE WIND AND SEISMIC LOADS PER THE SPECIFIED BUILDING CODE REQUIREMENTS. REFER TO SHEET S001 FOR ADDITIONAL INFORMATION.
5. ALL PANELS AND CONNECTIONS SHALL BE DESIGNED TO TRANSFER IN-PLANE SHEAR FORCES FROM THE ROOF LEVEL TO THE PANEL FOUNDATIONS.
6. REFER TO DETAILS FOR ADDITIONAL PRECAST WALL LOADING NOT INDICATED IN THIS DIAGRAM.
7. GRID DESIGNATION "-SP" INDICATES ADDITIONAL WALL PANEL LOADING (GRID 'X' AND GRID "X-SP" LOADING SHALL BE APPLIED SIMULTANEOUSLY). REFER TO DETAILS FOR ADDITIONAL INFORMATION.

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SHEET

TYPICAL DETAILS

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S004