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CASE STUDY

AALs Reduced By 50% With Archipelago Enrichment

DATA FIELDS	BEFORE ENRICHMENT	AFTER ENRICHMENT
Data Quality Score	31	81
TIV	$110,838,072	$118,857,345
AAL	$375,267	$107,401
BUILDING CHARACTERISTICS		
Latitude | Longitude		37.XXXXX | -122.XXXXXXX
Square Footage	238,000	220,000
Number of Stories - Above Ground	13	12
Building Footprint Class		Rectangle
BUILDING ENVELOPE		
Roofing Material		Polymer-modified bitumen membrane
Roof Geometry		Low slope (x < 10°)
Roof Drainage System		Internal drains with backup
Roofing Material Installation Year		2012
Roofing Material Replacement Year	2020	2020
Cladding/Wall System		Cast-in-place concrete walls
Window & Frame Type		Glass glazing and frame (not designed for pressure and missile resistance)
Glass Percentage		> 60%
FIRE PROTECTION		
Building Sprinkler		Yes
Building Sprinkler Type		Wet pipe
Remote Monitoring of Sprinkler System		Yes
Back-up Generator	Yes	Yes - diesel
Back-up Generator Location		Roof
Fire Protection Inspection Program	Yes	Yes - annual
HAZARD		
Seismic Zone	Yes	California A1
Liquefaction Susceptibility		Very High
Site Soil Classification		Soft Soils
Flood Zone		FEMA-X500
Distance to Nearest Fault		8.65
OCCUPANCY		
ATC Construction Class ID		ATC-13
Multi-Tenant	Yes	Yes
General Occupancy	Offices/Retail	Professional Services
CONSTRUCTION		
Construction		RM concrete masonry block- bearing wall w/ flexible diaphragm
Specific Construction Class	RC cast-in-place moment resisting frame	RC cast-in-place moment resisting frame
RMS Construction Class ID		RMS-3A1
AIR Construction Class ID		AIR-139
Building Foundation		Continuous wall footings w/ individual column footing
Year of Structural Upgrade		2012
Description of Structural Upgrade		Floors 9 to 12 were constructed on top of the original building

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