DESIGN CRITERIA WORKSHEET

PACO Boundary Element

DATE: mm / dd / yyyy

PACO STEEL & ENGINEERING

PROJECT INFORMATION

Project Name and Location: _____

Company Name: _____

Adress/Phone Number/Fax No. _____

Contact Person: _____

Email Address: _____

GEOMETRY & LOADING

1. WALL THICKNESS per Architectural Drawing _____ in.

2. Story HEIGHT & LOADING

Level	Height (ft)	P_{DL} (KIP)	P_{LL} (KIP)	P_{RLL} (KIP)	P_{SL} (KIP)	P_{EQ} (KIP)	P_{wind} (KIP)
8							
7							
6							
5							
4							
3							
2							
1							

BOUNDARY ELEMENT DESIGN CRITERIA

3. Required DESIGN CODE : _____

4. S_{DS} = _____

5. Ω_0 = _____

6. Is Ω_0 included in seismic load? Yes ☐ No ☐

7. Axial Seismic Load is at (please check) ASD Level ☐ Strength Level (LRFD) ☐

$$P_{EQ\,(ASD)} = \frac{P_{EQ\,(LRFD)}}{1.4}$$

8. Is allowable stress increase per ASCE 7-16 Section 2.4.5 considered in determining the values of Seismic Loads at ASD Level? Yes ☐ No ☐

9. Axial Wind Load is at (please check) ASD Level ☐ Strength Level (LRFD) ☐

$$P_{WIND\,(ASD)} = \frac{P_{WIND\,(LRFD)}}{1.6}$$

10. Could the boundary element be braced at mid-height about its weak axis? Yes ☐ No ☐

11. Preferred splice plate connections at floor levels

- All Field Bolted ☐
- Lower BE, Shop Welded - Upper BE, Field Bolted ☐
- Lower BE, Shop Welded - Upper BE, Field Welded ☐

Other Requirements/Comments :

FAX WORKSHEET to (310) 608-1112 or EMAIL to sales@pacosteel.com