



**11601 Shadow Creek Pkwy  
Suite 111-232**

**Pearland, TX 77584**

**[www.onepegroup.com](http://www.onepegroup.com)**

**Email: [info@onepegroup.com](mailto:info@onepegroup.com) | T.P: +1(713)489-4500**

## Profile

The One P.E. Group LLC, Is A Civil / Structural Professional Engineering Consulting Firm. The Head Office Is In Pearland, Texas. The Main Purpose Of The Company Is To Full Fill The Engineering Needs Of Our Customers In Public, Private, Industrial, And Oil & Gas Energy Sectors.

## Mission Statement

*"To Deliver Success And To Exceed Expectation Of Customers, Employees And Stakeholders"*

## Vision Statement

*" To Provide Delightful Life For Everyone Through Efficient, Affordable, And Plus High Quality Of Professional Engineering Services While Being The Clear Choice To Our Customers And Employees".*

## Core Values 'EYES'

*"Ethical Behavior"* : We Conduct Business According To The Code Of Ethical Behavior Within And Outside The Company.

*"Yielding Expectation"*: We Yield Customers' And Employees' Expectation As A Whole To Deliver Success For Everyone.

*"Engineering Excellent"*: We Deliver Excellent Professional Engineering Support And Demonstrate Technical Leadership Of The Company

*"Safety Of People"*: We Assure Safety Of Customers, Employees, And The Stakeholders At All The Time And Everywhere.

## Who Are We?

We Are A Group Of Professional Engineers And Drafters, We Have Gained More Than 40 Years Of Cumulative Industrial Experience In Various Civil /

Structural Engineering Design & Construction Projects, And Oil & Gas Energy Sectors

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## Business Philosophy

The One P.E. Group LLC Strongly Believes In The Company's Core Value 'EYES' To Achieve Our Vision And Mission. Company Also Equally Believes In Quality Of Life, Personal And Professional Development Of Employees For Success Of The Company.

## ***Core Expertise Areas Are:***

### **Multiple States P.E Services**

- ❖ Review Engineering Design Drawings To Comply With Design Code Requirements
- ❖ Perform QA/QC Checks And Witness Stamp On The Construction Drawings.



- ❖ Produce Engineering Calculation And Analysis Report.
- ❖ Support For Structural Failure Analysis, Inspection, And Repair Procedures

### **Civil / Structural Engineering**

- ❖ Designs Of Steel, Concrete, And Wood Structure
- ❖ Residential And Retail Shop Design
- ❖ Design Of Shallow And Deep Foundation
- ❖ Equipment Foundations Analysis And Design



- ❖ Storage Deck Analysis And Design

- ❖ Anchor Bolt Design
- ❖ Lateral Support Frame Design
- ❖ Slope Stability Analysis
- ❖ Retaining Wall Design
- ❖ Excavation Support Design
- ❖ Bridge And Deck Structure Design
- ❖ Culvert, Manhole, Drainage Structure And Railing Design
- ❖ Cut And Fill Soil Estimation

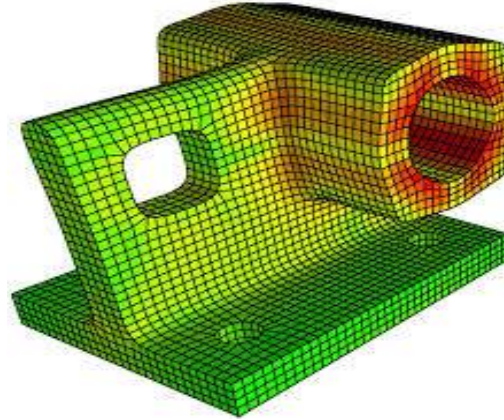
### **Windstorm Inspection And Forensic Investigation**

- ❖ Windstorm Inspection And Certification
- ❖ Forensic Civil/Structural Engineering Investigation
- ❖ Structural Failure Analysis And Repair Procedures

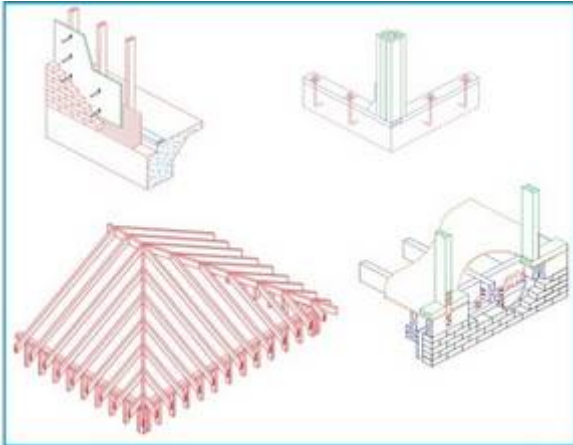


## CAD And Drafting Services

- ❖ Auto CAD Design Of Steel, Concrete, And Wood Structures
- ❖ Solidworks Modeling And Part Manufacturing Drawing
- ❖ Structural Connection Detailing
- ❖ Stairs And Ladder Detailing

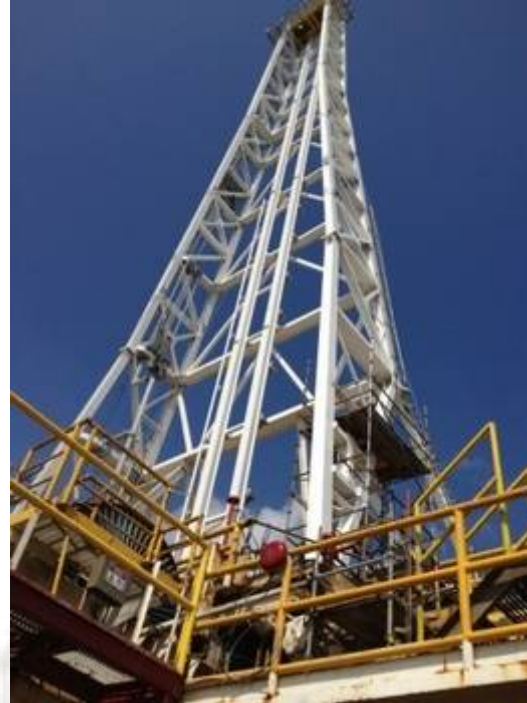


- ❖ Buckling Study Of Un-Stiffened, Stiffened, Curved, And Ring Stiffened Plate Panels
- ❖ Non-Linear Analysis Of Structure
- ❖ Seismic Load Assessment Of Structures



## Advanced Engineering Analysis

- ❖ Finite Element Modeling And Analysis
- ❖ Connection Design And Detailing
- ❖ Fatigue Design



- ❖ 3D Frame And Solids Model Analysis



- ❖ Blast Load Assessment Of Structures
- ❖ Blast Load Prediction Using Simple Methods And Advanced Computational Fluid Dynamics

## Oil & Gas Energy Support

- ❖ **Topside Structure Analysis And Design**
- ❖ **Hull Modeling & F.E Analysis**
- ❖ **Mooring Winch Foundation And Deck Analysis.**
- ❖ **Heavy Lifting Frames And Sling Design**
- ❖ **Jack-Up Rig Spud-Can Analysis & Design**
- ❖ **Texas Deck Analysis And Design**
- ❖ **Burner (Flare) Boom And Kingposts Supports Design**



- ❖ **Lifeboat Davit Foundation And Access Platforms Design**
- ❖ **ABS & DNV Class Submittal for review.**
- ❖ **Helideck Analysis And Design**

- ❖ **Crane Foundation Design And Analysis**
- ❖ **Minimum Scantling Verification.**
- ❖ **Smit Towing Bracket And Panama Chocks Installation Analysis**
- ❖ **Wave And Current Loading On The Fixed Offshore Structure As Per API 2A, WSD**
- ❖ **Dry Tow Block Arrangement Design**
- ❖ **Wind Turbine Foundation Design**
- ❖ **Solar Panel Foundation Design**



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**A MINORITY OWNED BUSINESS**