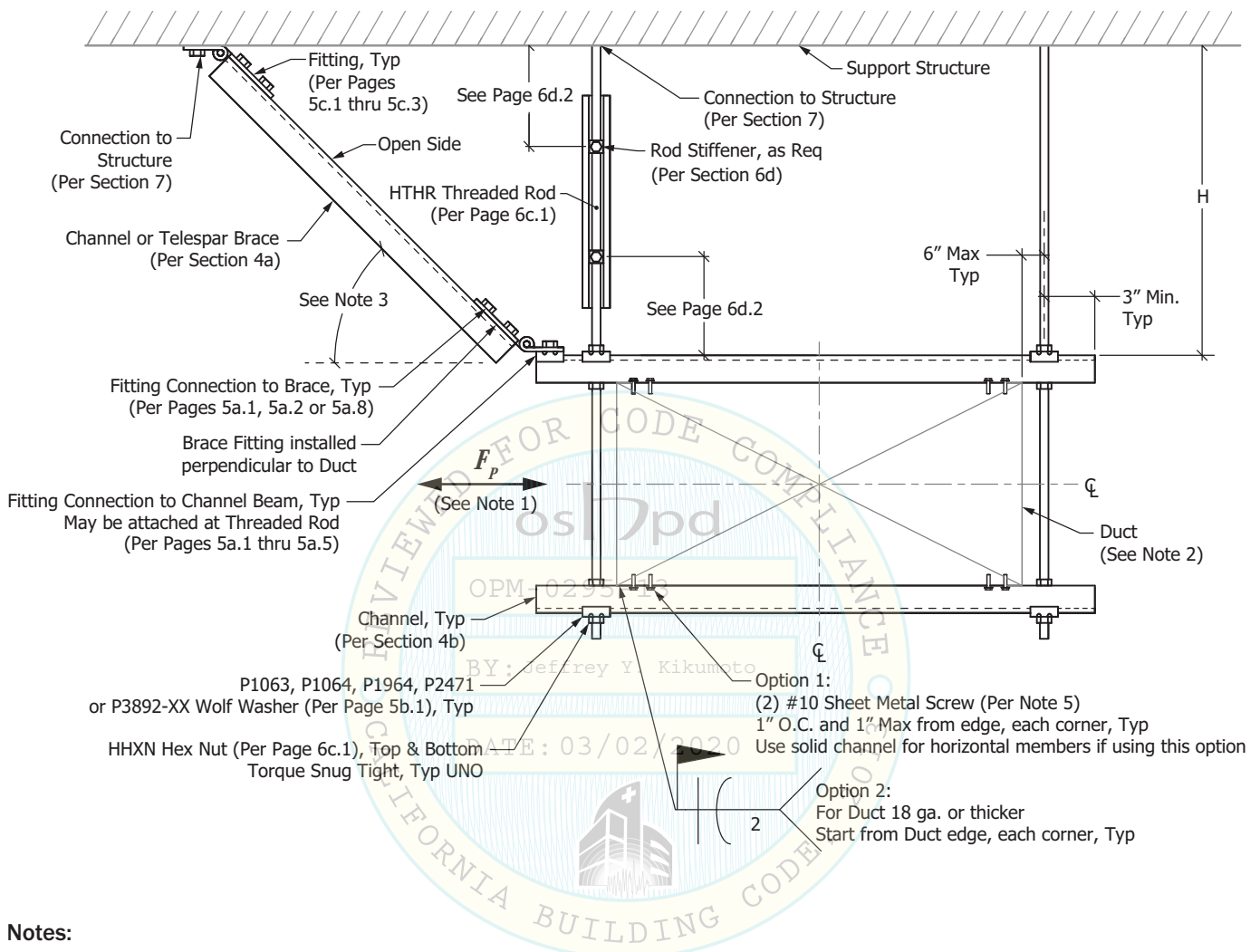


## Restraint Details - Rectangular Duct (Trapeze)

### TRAPEZE SUPPORT TRANSVERSE RESTRAINT TYPE:

See section 7 for structural attachments for hangers and brace



**Notes:**

- 1)  $F_p$  shall be calculated for each case.  $F_p$  shall not exceed the maximum capacities for any of the components used to support the system.
- 2) Maximum duct size per General Notes (Page 1g.1). See Appendix for weight of Duct.
- 3) Braces that project to the overhead structure shall be installed between 30° and 60° from horizontal. Where an adjacent wall occurs, braces that project to that wall shall be installed directly horizontal (0°).
- 4) Fittings and Hardware shown are for graphical representation only. Final configuration may use any fitting or hardware component included in this OPM provided it has sufficient capacity and is used for its correct intent.
- 5) Approved Sheet Metal Screws (#10 Size): ITW Buildex (ESR-1976 & ESR 3223), Simpson Strong-Tie (ESR-3006), Darts (ER-5202), Elco (ESR-3294), and Hilti (ESR-2196).

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**3c.1**