
Versailles

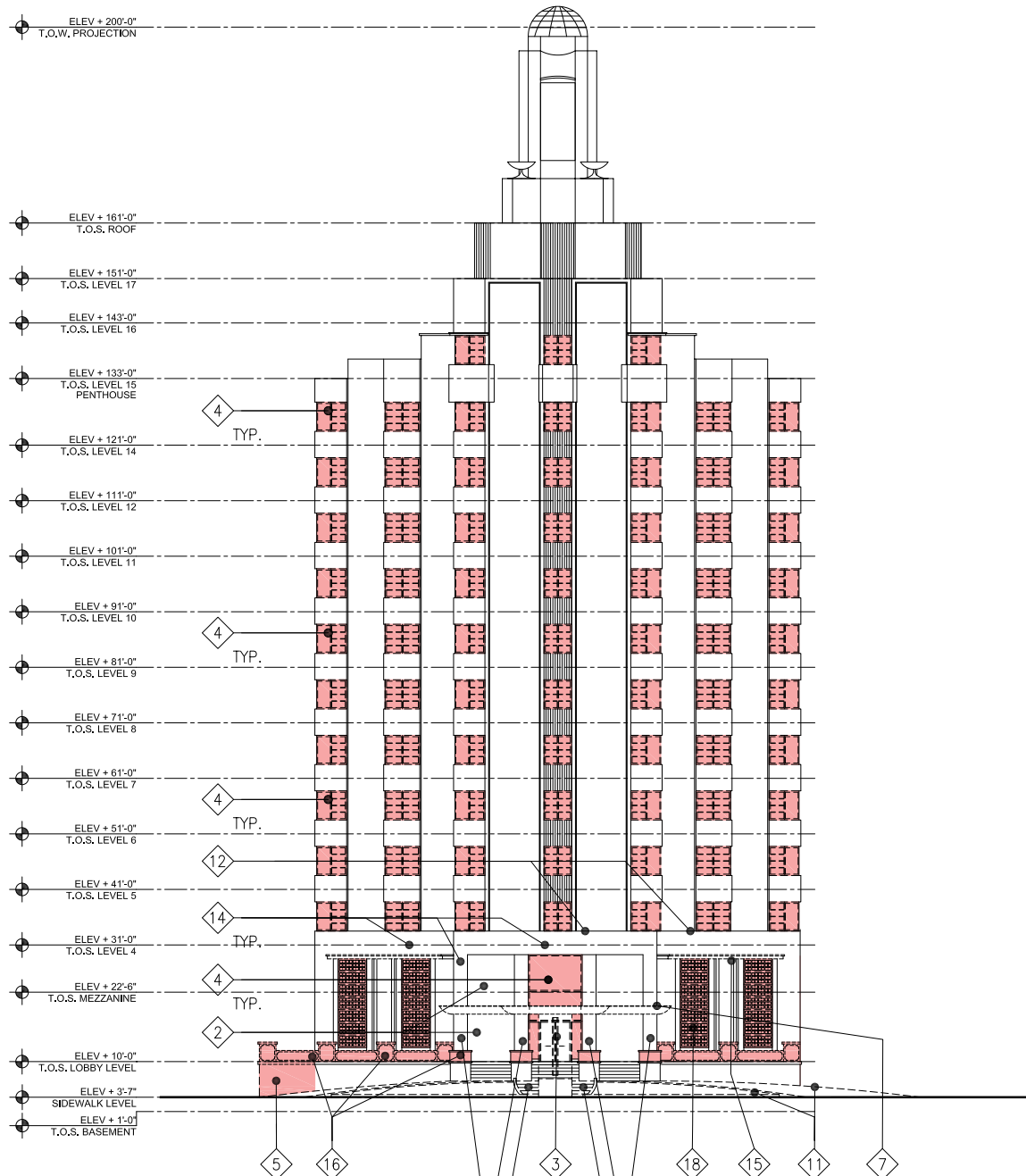
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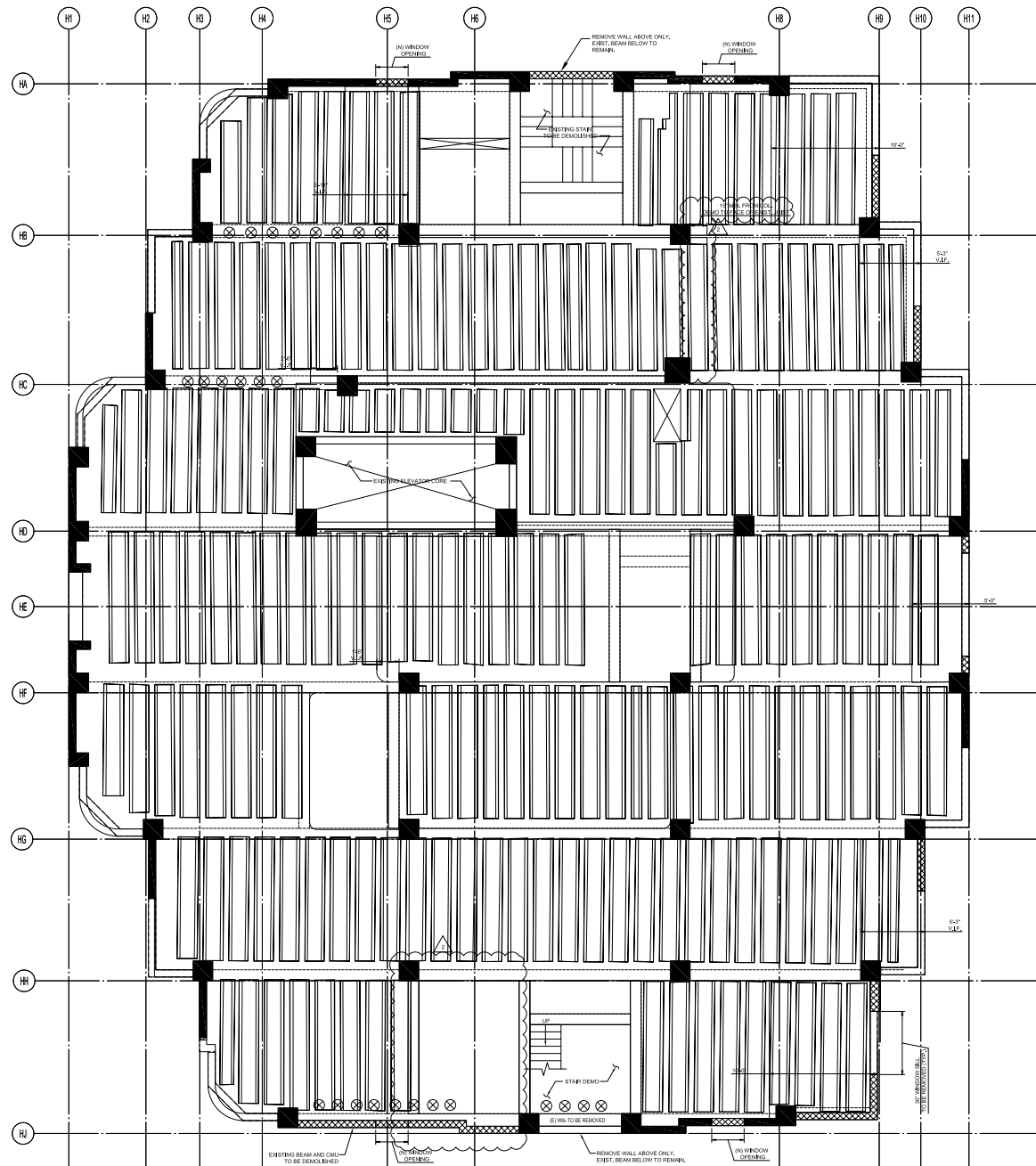
Shoring Plan
Dec 2019

Procedure

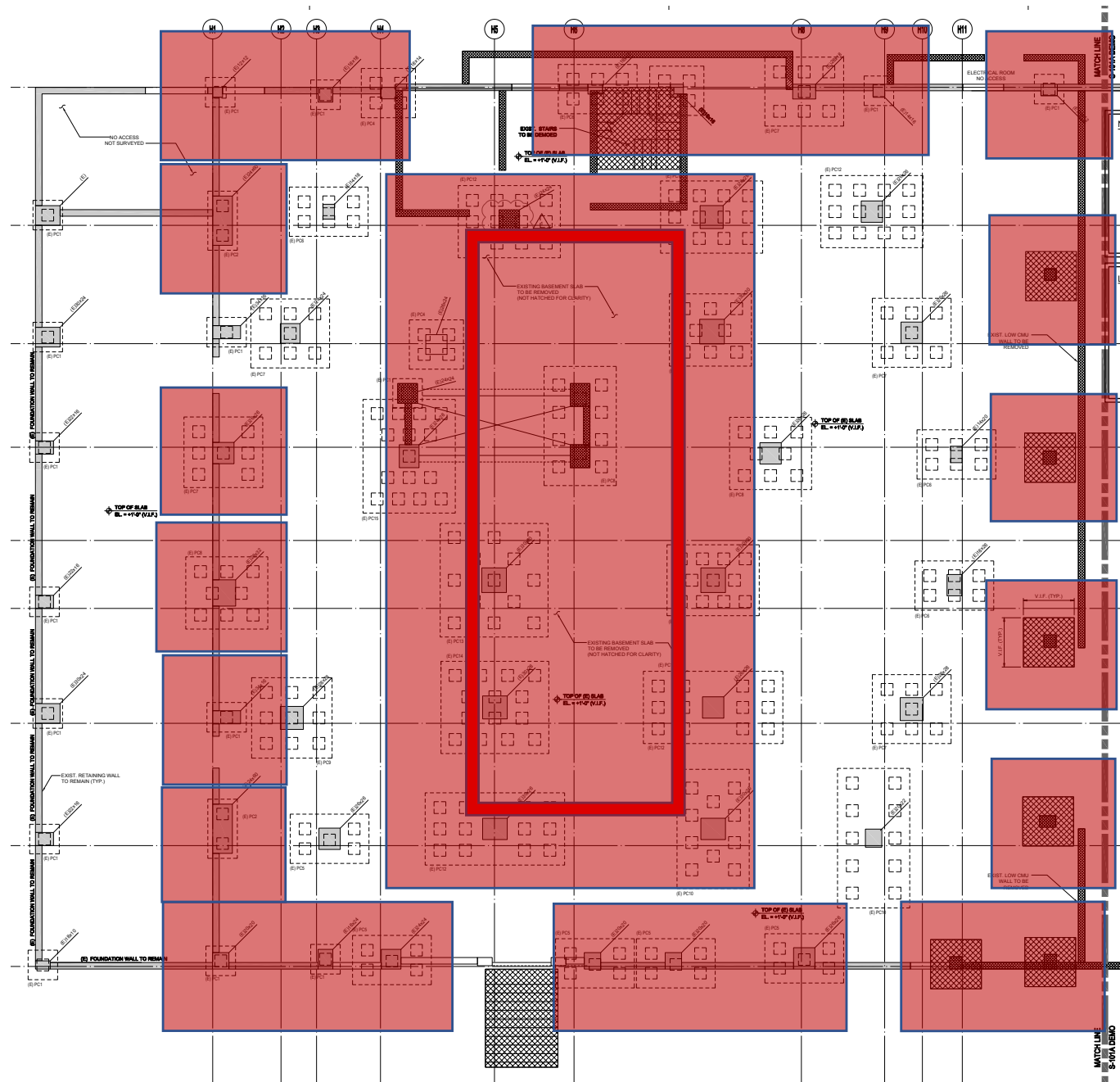
1. Repair existing columns from foundation up to facilitate shoring operations
2. Brace entire building
3. Support Cupola
4. Supplement foundations based on new structural design
5. Install new shear walls and columns from foundation to underside of 2nd floor
6. Remove 2nd and 3rd floors
7. Enlarge existing columns per new structural design to underside of 2nd floor
8. Rebuild 2nd floor based on new design
9. Remove 4th floor
10. Install new shear walls and columns to 3rd floor
11. Rebuild 3rd floor
12. Remove 5th floor
13. Install new shear walls and columns to 4th floor
14. Rebuild 4th floor
15. Repeat to roof



West Elevation

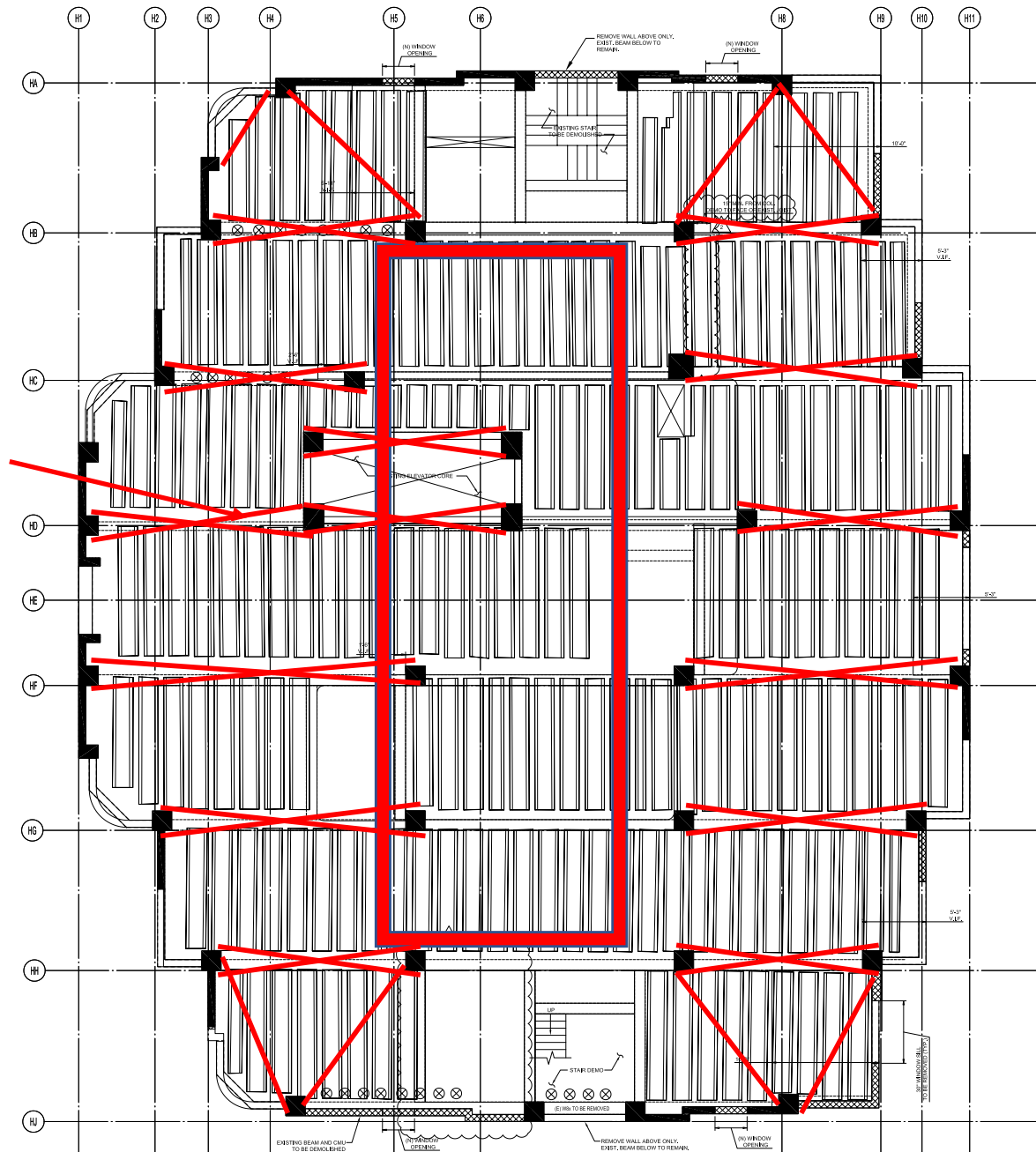


Typical Existing Floor Plate



Install piles and pile caps for the tower's new columns
 New pilecaps will encapsulate existing pilecaps

Moment
Frame Bracing



Building bracing for lateral loads