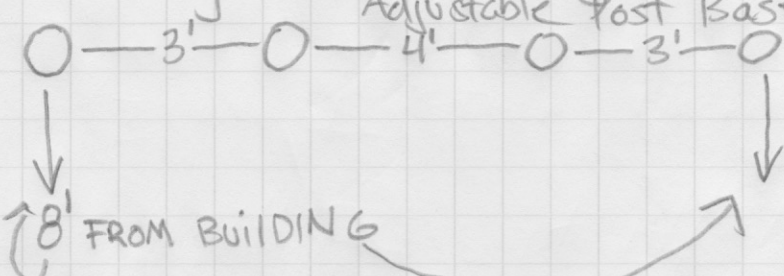
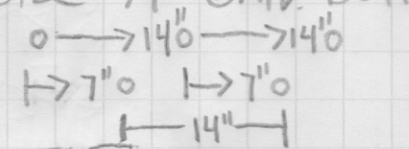



* TYPE OF FOUNDATION SYSTEM (existing columns)

- DIAMETER of concrete tube Footings $\rightarrow 10''$
- Depth below grade $\rightarrow 4'$
- Anchorage of column to footing \rightarrow Simpson Strong Tie 4x4 Adjustable Post Base
- Tube/PIER spacing 

* FRAMING MEMBERS

- COLUMNS 4x4 PT (pressure treated) centered on PIERS
- LEDGER SIZE 2x8 PT
 - FASTENER SIZE $\frac{1}{4}''$ GALV BOLTS w/ lead sheaths @ 4''
 - SPACING 
- GIRDER SIZE  2x6" doubled with $\frac{1}{2}''$ PT PLYWOOD
 - Total SPAN 11' with 4 footings spaced AS SHOWN ABOVE
- Joist Size 2x8" PT - SPACED 16" ON CENTER
 - TOTAL SPAN 9' supported BY GIRDER AT 8' AS SHOWN IN DRAWING ABOVE
- FASTENED with Joist Hangers AND NAILED IN ENDS

* GUARD RAILS + HANDRAILS

- GUARD RAILS 36" OFF DECK
- BALUSTER 4" SPACING
- HANDRAIL Height 34"-36" ABOVE TREAD NOSING

* STAIR DETAILS

- TREAD DEPTH 12"
- TREAD Height $7\frac{3}{4}''$ OR less TO MAKE EVEN RISES
- TREAD NOSING 1"
- WIDTH OF STAIRS 11"