

19-64 Crown Hill

Phase I – Post Permit Revision #4 – 2023-10-31

CLARK
BARNES

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ARCHITECTURAL

- A1.17 and A1.19
 - o Highlighted location of revised detail 6/A9.19

- A9.13
 - o Revised detail 6/A9.13 UL listing from UL-X528 (2-hr rating with gypsum board wrap) to UL BXUV.Y616 (2-hr intumescent fire-resistive coating) for constructability:
 - HSS 3" x 3" x 3/8" per structural, unchanged
 - 2-hr required, $T=0.07826/(A/P)$
 - A (cross sectional area) = 3.39 in²
 - P (heated perimeter of tube section) = 8.5 in
 - $T=0.196$ in
 - T within 0.167 to 0.340 range per UL listing table
 - A/P ration (0.39) within 0.23 to 0.47 range per UL listing table