

EA. SIDE, TYP.SOLID P.T. TREADS & RISERS
(MATERIALS SELECTED BY
CONTRACTOR/OWNER)—

HANDRAILS SIDE, TYP.

3'-6" GUARD RAIL

EXISTING ROOF DECK (VIF)-

NEW DOOR OPENING (SEE PLAN)

PRETURN HANDRAIL TO POST EACH SIDE.

(NO EXISTING HANDRAIL ON EXISTING STAIR)

—CONNECT 42" HIGH GUARD RAIL TO EXISTING GUARD RAIL (VIF)

EXISTING EXTERIOR STAIR AND RAILS TO REMAIN (VIF)

EXISTING EXTERIOR WINDOW (VIF).

-EXISTING LAND TO REMAIN. L BE RESPONSID UPDATE ANY I BY CITY OFFICE

NDING AND STAIR
LANDLORD WILL
SIBLE TO
'ITEMS REQUIRED
FICIALS. TYP.

REMOVE PORTION OF EXISTING CONC. PAD, FENCE SIDING AND CORNER BD TO FACILITATE STRINGER, TREAD & RISER PLACEMENTS (VIF).—

14 RISERS @ 6 $\frac{7}{8}$ = 8'-0" (VIF)

-EXISTING STAIR
SUPPORTS &
FRAMING TO
REMAIN. (BEYON
TYP.

YOND)

-NEW P.T. LANDING TO MATCH EXISTING

STATUS

EXISTING EL 108'-

SECOND FLOOR -7" (VIF)

EXISTING CONCRETE PAD & SOLID WOOD FENCE (VIF).

13 TREADS = 11'-

0 11"

NOTE: STRUCTURAL DESIGN FOR STAIR LANDING AND RAILINGS BY OTHERS. NOTES 1 THRU 9 ON DWG A12 AND DWG A4 TYP.

EXISTING GAS METERS (SEE NOTE 25/A1) TYP.

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REV. || DATE

||9-22-16|| FMO COMMENTS REVISIONS

Stair Notes:

1. Contractor shall construct new stairs and landings to comply with code required structural floor loads, typ. Des details and construction of stairs & landings by owner retained contractor. (not part of this design)

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2 Stairs:

Minimum Tread width - 36 inches Minimum 11" Tread Depth Maximum 7" Riser Height Minimum 80" Clear Headroom Height Handrails both sides

Guard rails shall be minimum 42" high above walking surface (all open sides exceeding 30" above the floor require Guards) except as noted. Hand rails shall be not less than 34" nor more than 38" above the walking surface

3. Where the top of the guard also serves as the handrail on the open sides of the stair, the top of the guard shall not be less than 34 inches and not more than 38 inches measured vertically from a line connecting the leading edges of the treads.

4. Guards shall be 42 inches in height measured vertically above adjacent walking surfaces and shall not have openings which allow passage of a sphere 4 inches in diameter from the walking surface to the required guard

5. Handrails and guardrails shall be adequate in strength and attachments to resist a load of 50 pounds per lineal foot applied in any direction at the top and to transfer this load through the supports to the structure. they shall also be able to resist a single concentrated load of 200 pounds, applied in any direction at any point along the top, and to transfer this load through the supports to the structure. intermediate rails (all those except the handrail) balusters and panel fillers shall be designed to withstand a horizontal applied normal load of 50 pounds on an area equal to 1 square foot, including openings and space between rails.

6. Handrails shall return to a wall, guard or the walking surface or shall be continuous to the handrail of an adjacent stair flight or ramp run. Handrail shall extend at the required height to at least those points above the top and bottom risers. handrail ends shall be returned to wall, floor or terminate at newel posts. handrails with a circular cross section shall have an outside diameter of at least $1\frac{1}{4}$ " and not greater than 2". if the handrail is not circular, it shall have a perimeter dimension of at least 4" and not greater than $6\frac{1}{4}$ " with a minimum cross-section dimension of $2\frac{1}{4}$ " provided that graspable edges are rounded so as to provide a radius of not less than $\frac{1}{8}$ ". edges shall have a minimum radius of 0.01 inch. clearance space between the handrail and the wall or other surface shall be minimum of $2\frac{1}{4}$ " and shall be free of any sharp or abrasive elements.

7. Handrails shall have gripping surfaces that are continuous along their length and shall not be obstructed along their tops or sides, the bottoms of handrail gripping surfaces shall not be obstructed for more than 20% of their length, horizontal projections shall occur 1 $\frac{1}{2}$ " minimum below the bottom of the handrail gripping surface, handrail gripping surfaces shall have a cross section with outside diameter of 1 $\frac{1}{4}$ " min. and 2" max, non-circular handrail gripping surfaces shall have a perimeter dimension of 4" min. and 6 $\frac{1}{4}$ " max., and a cross section dimension of 2 $\frac{1}{4}$ " max.

8. Balusters (if selected) shall be the triangular areas at treads sha if selected) shall be arranged such that a 4" sphere cannot pass areas at treads shall not pass a 6"∅ sphere. thru any openings. openings forming

9. GC coordinate stair and landing details and finishes with





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JOHN	H. LEA	SURE	ARCHI	ГЕСТ.	INC.
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PROPOSED SICHUAN KITCHEN 612 CONGRESS STREET PORTLAND, MAINE RESTAURANT

Notes

See also details and notes on

drawing A4



