

General Notes:

1. TYP. ROOF SLAB IS $4^{1}/_{2}$ " NORMAL WEIGHT CONCRETE ON 3" — 20 GAUGE COMPOSITE METAL DECK. TOTAL THICKNESS $7^1/_2$ ". REINFORCE WITH #4@12 E.W. PROVIDE ADDITIONAL #4 X 8'-0" LONG @ 12" O.C. OVER ALL GIRDERS AND AT ALL SLAB EDGES. TOP OF STEEL ELEVATION IS $7^{1}/_{2}$ " BELOW TOP OF SLAB ELEVATION SHOWN, U.O.N.

- 2. OUTLINE OF 6 COOLING TOWERS (4 CURRENT, 2 FUTURE). SEE DRAWINGS BY OTHERS FOR ADDITIONAL INFORMATION ON COOLING TOWERS AND ASSOCIATED LADDERS AND
- ACCESS PLATFORMS. 3. OUTLINE OF ARCHITECTURAL SCREEN WALL SURROUNDING
- ROOF-TOP COOLING TOWERS. SEE ARCH. DRAWINGS FOR ADDITIONAL INFORMATION NOT SHOWN HERE. 4. W18 GALVANIZED OUTRIGGER FOR HOISTING EQUIPMENT UP
- TO LEVEL 2 OVERHEAD DOOR. W18 OUTRIGGER HAS AN ALLOWABLE CAPACITY OF 3 TONS (6,000 LBS.). 5. ALL BUILDING COLUMNS SHALL BE TERMINATED AT ROOF LEVEL WITH 2" THICK, FULLY WELDED STEEL CAP PLATE TO FACILITATE POSSIBLE FUTURE VERTICAL EXPANSION.
- CONCRETE ROOF SLAB (EL. 120'-0"). 6. 6"Ø X-STRONG PIPE POST WITH WELDED CAP PLATE AND BASE PLATE, BOLTED TO TOP FLANGE OF ROOF BEAMS TO

TOP OF CAP PLATE SHALL BE FLUSH W/ TOP OF

- SUPPORT DUNNAGE STEEL FOR COOLING TOWERS. (20
- 7. FOR COST ESTIMATING PURPOSES, ASSUME THE FOLLOWING: A) CARRY ALLOWANCE FOR 1100 SHEAR STUDS $(\frac{3}{4})$ øx5"
- LONG) FOR LEVEL 3 FRAMING. 8. 3'x3' HATCH IN ROOF SLAB TO PROVIDE ROOF ACCESS
- FOR MAINTENANCE PERSONNEL. 9. SEE DRAWINGS BY OTHERS FOR ROOF MOUNTED FANS & EQUIPMENT REQUIRING OPENINGS IN CONC. ROOF SLAB. STRENGTHEN AROUND OPENINGS

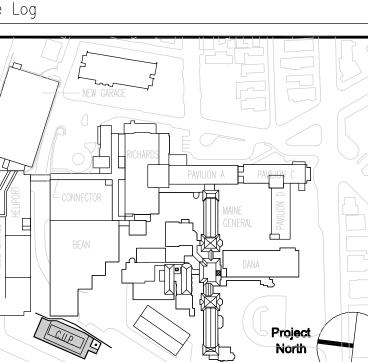
PER DETAIL TS-14/S103.



Simpson Gumpertz & Heger Inc.

Building 1, Suite 500 Waltham, MA 02453 San Francisco, CA The Landmark at One Market Telephone: Suite 600 San Francisco, CA Rockville, MD







A rchitecture Planning Engineering Interior Design

TRO

Maine Medical Center Central Utility Plant Portland, Maine

CENTRAL UTILITY PLANT (CUP)
ROOF PLAN

