

ARCHITECT - PAUL C. GLORIO

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Project No. 2305-163-07



1	2.2.10	OSHPD Change Order #
28	05/19/2010	CHANGE ORDER #
166	01/24/2011	CHANGE ORDER #

REVIEWED IN ACCORDANCE WITH
THE REQUIREMENTS OF T24, C
APPROVED

FEB 10 2011

RANGE ORDER# 139
 INSTRUCTION BULLETIN# _____
 DOWNSIDE APPROVAL# _____
 AIRCRAFT # _____

APPROVAL

PROJECT NAME

CHILDREN'S HOSPITAL
OF ORANGE COUNTY

455 S. Main St.
Orange, CA 92868-3874

TOWER II



PROJECT NUMBER

12011.00
Increment #7

OSHPD - PROJECT NUMBER
IL 072072-30

ISSUE

OSHPD PERMIT

DATE 01/27/2010

SCALE _____

1/4"=1'-0"

LOWER LEVEL MECHANICAL
PLAN AREA - M

DRAWING NUMBER

M3.0M



KEY PLAN

GENERAL NOTES:

1. FOR PIPING NOTES AND ENLARGED BASEMENT
REFER TO SHEET M5.06

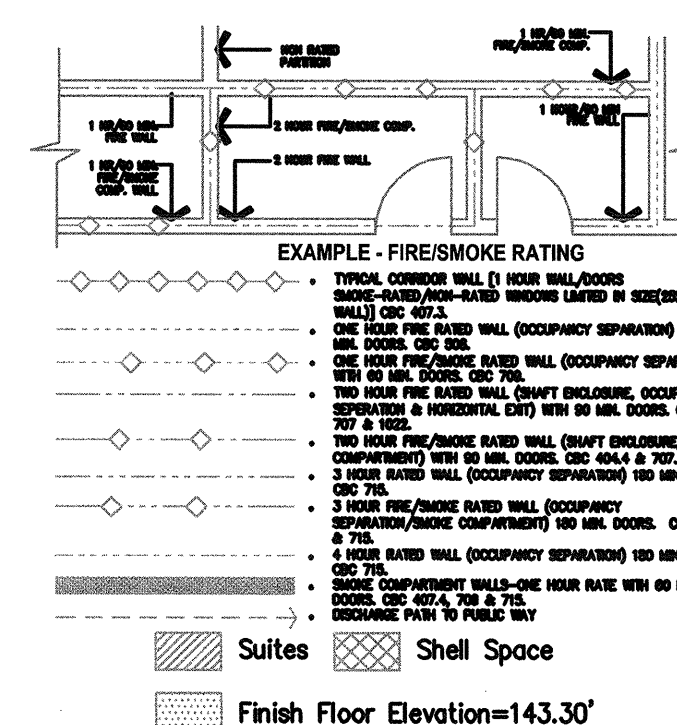
DESIGN KEY NOTES:

- ① 14" STAINLESS STEEL DUCT CONNECTED TO AUTOMATIC WASHER - EXHAUST 1000 CFM.
- ② STAINLESS STEEL METAL LINER ALL CEILING PLUS 2 FEET ON WALL ALL AROUND.
- ③ (2) 36x18 STAINLESS STEEL EXHAUST AIR GRILLE WITH 24x14 DUCT CONNECTION.
- ④ (3) 4" STAINLESS EXHAUST AIR DUCT CONNECTED TO DISINFECTED CLEANER.
- ⑤ 20x20 STAINLESS STEEL EXHAUST AIR GRILLE WITH STAINLESS STEEL MANUAL DAMPER, RIGID STAINLESS STEEL 12" Ø DUCT CONNECTION.
- ⑥ 26"x3" STAINLESS STEEL CANOPY HOOD WITH (4) 24x12 OPENING FOR AIR TRANSFER.
- ⑦ 14"x3" STAINLESS STEEL CANOPY HOOD WITH (2) EXHAUST STAINLESS STEEL GRILLE 24x16 FOR 1000 CFM.
- ⑧ DDC CONTROL PANEL (PER CONTRACT & PROJECT REQUIREMENTS)
- ⑨ THREE WAY CONTROL VALVE FOR HEAT COIL.

- (10) MPS DRIP LEG STEAM TRAP CONNECT CONDENSATE RETURN TO SPARROW PIPE CONNECTION.
- (11) MPR CONNECTED TO PUMPED PCR WITH SPARROW PIPE CONNECTION.
- (12) 1" MPR WITH ¾" MPR SERVING STERILIZER (TYP. FOR 2 & 2 FOR FUTURE UNITS)
- (13) 1 1/2" MPS & 1" MPR SERVING AUTOMATIC WASHING MACHINE.
- (14) 2 1/2" COPPER INSULATED CONDENSATE DRAIN TO FLOOR SINK.
- (15) 1 1/2" COPPER INSULATED CONDENSATE DRAIN TO FLOOR SINK.
- (16) S.S. SECONDARY DRAIN PAN WITH ¾" Ø DRAIN LINE TO EXPOSE AREA TERMINATED @ 6" ABOVE FINISH FLOOR.
- (17) PROVIDE 3 WAY CONTROL VALVE FOR CV BOX REHEAT COIL.
- (18) OPPOSED BLADES MVD, HEAVY DUTY.
- (19) CONNECT 14" S.S. WITH TRANSITION TO 10" TO AUTOMATIC CTR. WASH BLOWER.

- (20) S.S. MOTORIZED DAMPER TO BE INTERLOCKED FOR OPENING WITH CARP WASH GLOVER.
- (21) TRANSFERRING AIR TO CART WASH CEILING SPACE TO MAKE-UP AIR FOR CART WASH BLOWER.
- (22) 14"Ø UNDERGROUND EXHAUST AIR DUCT IN CONCRETE EXHAUST DUCT WITH 4" STUB-OUT ABOVE FINISHED FLOOR (FOR AUTOPSY TABLE CONNECTION).
- (23) TWO 31"/22"x14" S.S. EXHAUST AIR DUCT IN THE WALL DOWN TO UNDERGROUND AND CONNECT TO THE UNDERGROUND 4"x36" PLENUM. UNDERGROUND DUCT SHALL BE WRAPPED WITH MIN. TWO LAYER 10 MIL PROTECTION.
- (24) 6"Ø S.S. EXHAUST AIR DUCT CONNECTED TO THE VENTED CABINET.
- (25) 4"Ø S.S. EXHAUST AIR DUCT CONNECTED TO THE BACKSIDE OF THE LAB VENTED EQUIPMENT.
- (26) PRESSURE MONITOR PANEL BETWEEN ANTE ROOM & AUTOPSY.
- (27) PRESSURE MONITOR PANEL BETWEEN AUTOPSY ROOM AND BODY HOLDING.
- (28) PRESSURE MONITOR PANEL BETWEEN MYCOLOGY AND

- (29) 1" MPS and 3/4" MPR SERVING STEAM GUN.
- (30) CSFD ELECTRICAL TO BE LOCATED OUTSIDE OF ELECTRIC ROOM.
- (31) LPS(CS) & LPR(CS) SERVING THE NORTH ZONE OF PANCAKE 100' - 120 RUN BACK TO CRU.
- (32) 2 HR FIRE RATED DUCTWRAP.
- (33) 1" CHWS/R SERVING THE FCU-B11 W/ 3/4" CONDENSATE DRAIN TO THE HOUSE KEEPING SINK. PROVIDE SECONDARY DRAIN PAN AND SECONDARY CONDENSATE DRAIN TERMINATED @ CEILING LEVEL.
- (34) 3" S CHWS/R CONNECTED TO 6" S CHWS/R W/ SHUT-OFF VALVES.
- (35) 1" CHWS/R SERVING THE FCU-B10 W/ 3/4" CONDENSATE DRAIN TO TAILPIECE OF THE SINK WASTE LINE SINK IN TOILET STAFF FEMALE B.036.03. PROVIDE S.S. SINK DRAIN PAN AND SECONDARY CONDENSATE DRAIN TERMINATED @ CEILING LEVEL.
- (36) SEE INCREMENT 7 M3.5K FOR EXHAUST AIR FANS AND TERMINATION ON ROOF.
- (37) 1" CHWS/R W/ CIRCUIT SETTER SERVING X-RAY



LOWER LEVEL MECHANICAL PLAN AREA = M

DESIGN KEY NOTES

6

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