

FKP Architects

ARCHITECT OF RECORD

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ARCHITECT - PAUL C. GLORIOT

CONSULTANT

T M A D  
TAYLOR  
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• STRUCTURAL  
• MECHANICAL  
• ELECTRICAL  
• CIVIL

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Project No. 2305-163-07



REVISIONS

APPROVAL



Office of Statewide Health  
Planning & Development  
FACILITIES DEVELOPMENT DIVISION

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"

DRAWING TITLE

LOWER LEVEL MECHANICAL  
PLAN AREA - C

DRAWING NUMBER

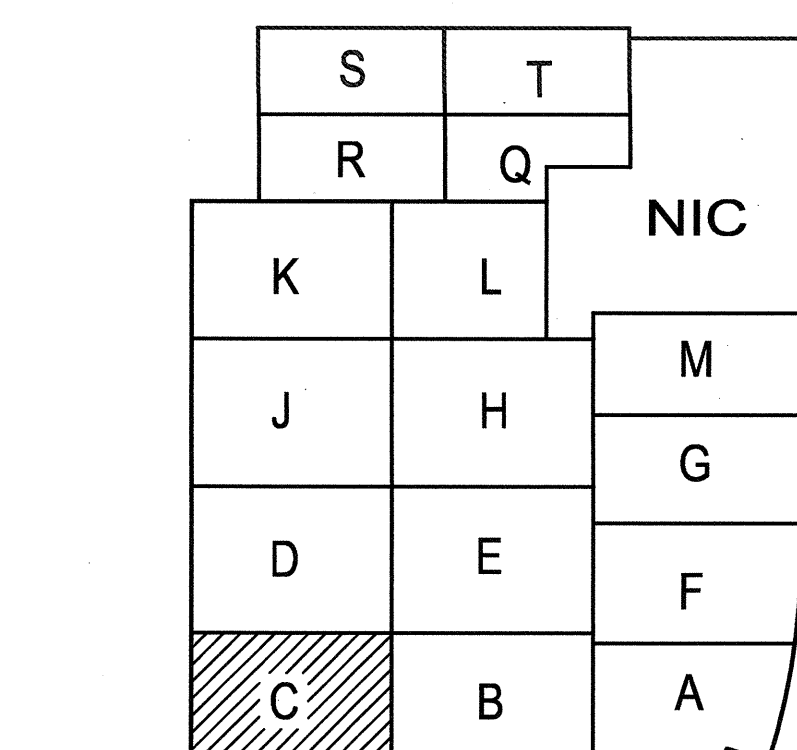
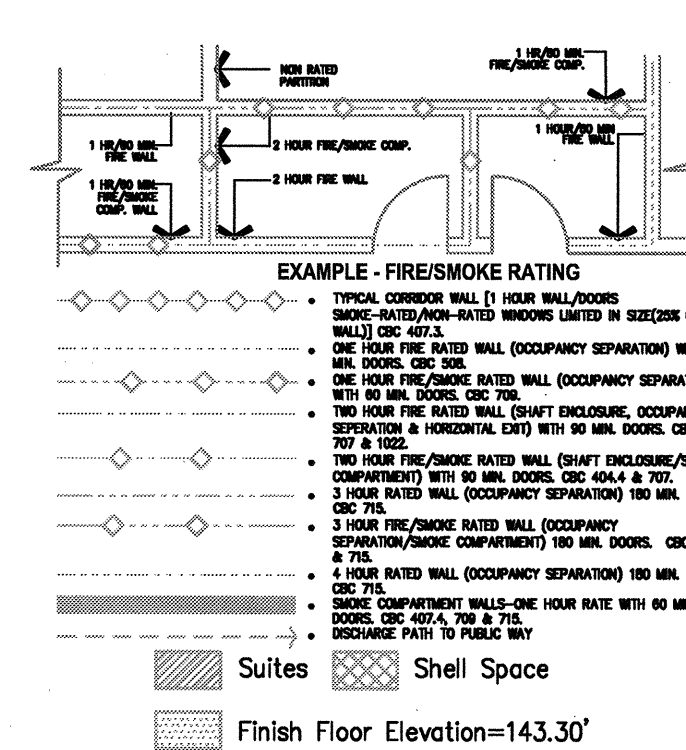
M3.0C

LOWER LEVEL MECHANICAL PLAN AREA - C

DESIGN KEY NOTES:

- 14" STAINLESS STEEL DUCT CONNECTED TO AUTOMATIC WASHER - EXHAUST 1000 CFM.
- STAINLESS STEEL METAL LINER ALL CEILING PLUS 2 FEET ON WALL ALL AROUND.
- 26x18 STAINLESS STEEL EXHAUST AIR GRILLE WITH 24x14 DUCT CONNECTION.
- 3" STAINLESS EXHAUST AIR DUCT CONNECTED TO DISINFECTED CLEANER.
- 20x20 STAINLESS STEEL EXHAUST AIR GRILLE WITH STAINLESS STEEL MANUAL DAMPER, RIGID STAINLESS STEEL 12" DUCT CONNECTION.
- 26x3' STAINLESS STEEL CANOPY HOOD WITH (4) 24x12 OPENING FOR AIR TRANSFER.
- 14x3' STAINLESS STEEL CANOPY HOOD WITH (2) EXHAUST STAINLESS STEEL GRILLE 24x16 FOR 1000 CFM.
- DDC CONTROL PANEL (PER CONTRACT & PROJECT REQUIREMENTS)
- THREE WAY CONTROL VALVE FOR HEAT COIL.
- MPS DRIP LEG STEAM TRAP CONNECT CONDENSATE RETURN TO SPARROW PIPE CONNECTION.
- MPR CONNECTED TO PUMPED PCR WITH SPARROW PIPE CONNECTION.
- 1" MPS WITH 3/4" MPR SERVING STERILIZER (TYP. FOR 2 & 2 FOR FUTURE UNITS)
- 1 1/2" MPS & 1" MPR SERVING AUTOMATIC WASHING MACHINE.
- 2 1/2" COPPER INSULATED CONDENSATE DRAIN TO FLOOR SINK.
- 1 1/2" COPPER INSULATED CONDENSATE DRAIN TO FLOOR SINK.
- S.S. SECONDARY DRAIN PAN WITH 3/4" DRAIN LINE TO EXPOSE AREA TERMINATED @ 6" ABOVE FINISH FLOOR.
- PROVIDE 3 WAY CONTROL VALVE FOR CV BOX REHEAT COIL.
- OPPOSED BLADES MVD, HEAVY DUTY.
- CONNECT 14" S.S. WITH TRANSITION TO 10" TO AUTOMATIC CART WASH BLOWER.

- S.S. MOTORIZED DAMPER TO BE INTERLOCKED FOR OPERATION WITH CART WASH BLOWER.
- TRANSFERRING AIR TO CART WASH CEILING SPACE TO MAKE-UP AIR FOR CART WASH BLOWER.
- 14" UNDERGROUND EXHAUST AIR DUCT IN CONCRETE ENCASUREMENT WITH 4" STUB-OUT ABOVE FINISHED FLOOR (FOR AUTOPSY TABLE CONNECTION.)
- TWO 3-1/2"x14" S.S. EXHAUST AIR DUCT IN THE WALL WITH LINEAR DIFFUSERS, RIGHT ABOVE THE SINK WITH 200 CFM EACH DIFFUSER.
- 6" S.S. EXHAUST AIR DUCT CONNECTED TO THE VENTED CABINET.
- 4" S.S. EXHAUST AIR DUCT CONNECTED TO THE BACKSIDE OF THE LAB VENTED EQUIPMENT.
- PRESSURE MONITOR PANEL BETWEEN ANTE ROOM & AUTOPSY.
- PRESSURE MONITOR PANEL BETWEEN AUTOPSY ROOM AND BODY HOLDING.
- PRESSURE MONITOR PANEL BETWEEN MYCOLOGY AND MICROBIOLOGY.
- 1" MPS AND 3/4" MPR SERVING STEAM GUN.
- CSFD ACTUATOR TO BE LOCATED OUTSIDE OF ELECTRICAL ROOM.
- LPS(CS) & LPR(CS) SERVING THE NORTH ZONE OF PANCAKE 100' - 120 RUN BACK TO CRU.
- 2 HR FIRE RATED DUCTWRAP.
- 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.
- 3" CHWS/R CONNECTED TO 6" CHWS/R W/ SHUT-OFF VALVES.
- 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. SECONDARY DRAIN PAN AND SECONDARY CONDENSATE DRAIN TERMINATED @ CEILING LEVEL.
- SEE INCREMENT 7 M3.5K FOR EXHAUST AIR FANS AND TERMINATION ON ROOF.
- 1" CHWS/R W/ CIRCUIT SETTER SERVING X-RAY IRRADIATOR.



A1 Key Plan  
N.T.S.

DESIGN KEY NOTES

KEY PLAN