

FKP Architects

ARCHITECT OF RECORD

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Project No. 2305-163-07

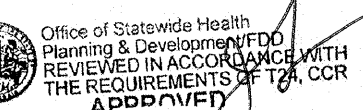


Changes on these drawings do not consist of materially altered changes to approved drawings and don't require a change order.
OSHPD review ACO
OSHPD review FLSO
OSHPD review DSE

REVISIONS

1/24/2011 CHANGE ORDER #104

APPROVAL



CHANGE ORDER #104
DEFINITION OF THE PROJECT
DEFERRED APPROVAL
1/24/2011

PROJECT NAME

**CHILDREN'S HOSPITAL
OF ORANGE COUNTY**

455 S. Main St.
Orange, CA 92668-3874

TOWER II RECEIVED
JUNE 08 2011
MCCARTHY



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 - F**

DRAWING NUMBER

M3.0F

RFI 3540- Relocate
steam drip legs,
chilled water drain
and 3" chilled water
pipe per MEOR
report dated 4/15/11

RFI 3870-
Penetration E3

RFI 3267 Floor mount
pipe supports

RFI 3498- HX 1
& 2 VFD
location and
mounting

RFI #5396

RFI #6056

RFI #5095
Relocate North to
allow clearances
for installation.

RFI #6058

LOWER LEVEL MECHANICAL PLAN AREA - F

GENERAL NOTES:

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

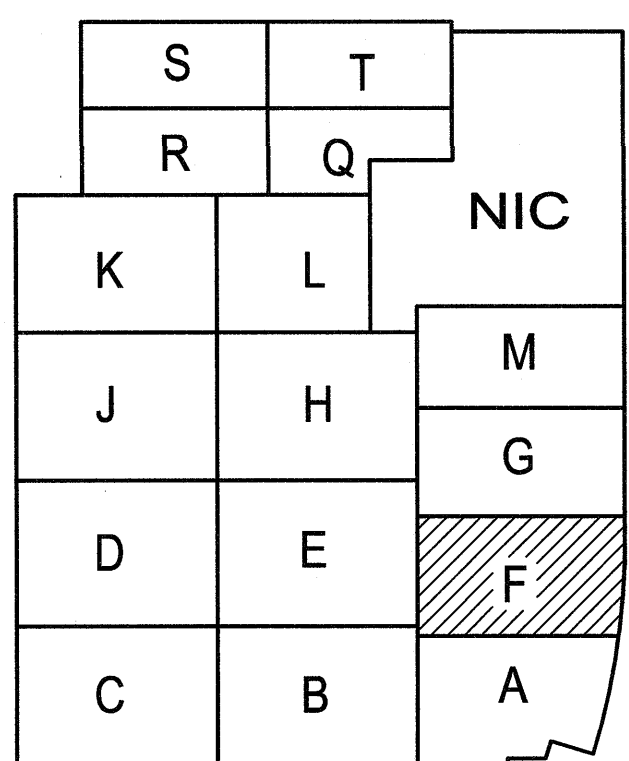
DESIGN KEY NOTES:

- 14" STAINLESS STEEL DUCT CONNECTED TO AUTOMATIC WASHER - EXHAUST 1000 CFM.
- STAINLESS STEEL METAL LINER ALL CEILING PLUS 2 FEET ON WALL ALL AROUND.
- (2) 36x18 STAINLESS STEEL EXHAUST AIR GRILLE WITH 24x14 DUCT CONNECTION.
- (3) 4" 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.
- 36x18 S.S. TRANSFER AIR GRILLES & S.S. SLEEVE, WALL MOUNTED AT 7' ABOVE FINISHED FLOOR. GRILLES SHALL BE BOTH SIDE OF THE WALL.
- (2) EXHAUST STAINLESS STEEL GRILLES 24x16 500 CFM EA.
- 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. BAROMETRIC BACKDRAFT DAMPER
- 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 DOWN TO UNDERGROUND AND CONNECT TO THE UNDERGROUND 4"x36" PLENUM. UNDERGROUND DUCT SHALL BE WRAPPED WITH MIN. TWO LAYER 10 MIL PROTECTION.
- 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.
- 3" CHWS/R CONNECTED TO 6" CHWS/R W/ SHUT-OFF VALVES.
- 1" CHWS/R SERVING THE FCU-B11 W/ 3/4" CONDENSATE DRAIN TO TAILPIPE OF THE SINK WASTE LINE SINK IN TOILET STAFF FEMALE B.O.36.03. 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.

KEY PLAN

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6/1/2011
HERNANDEZ