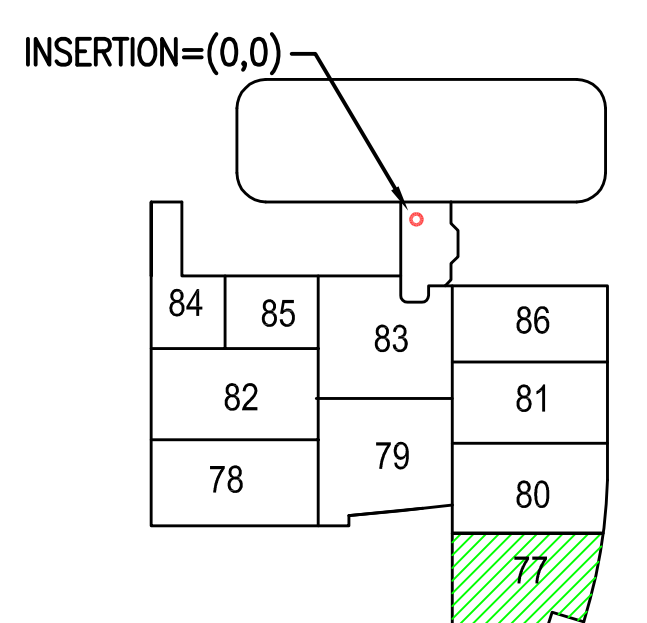
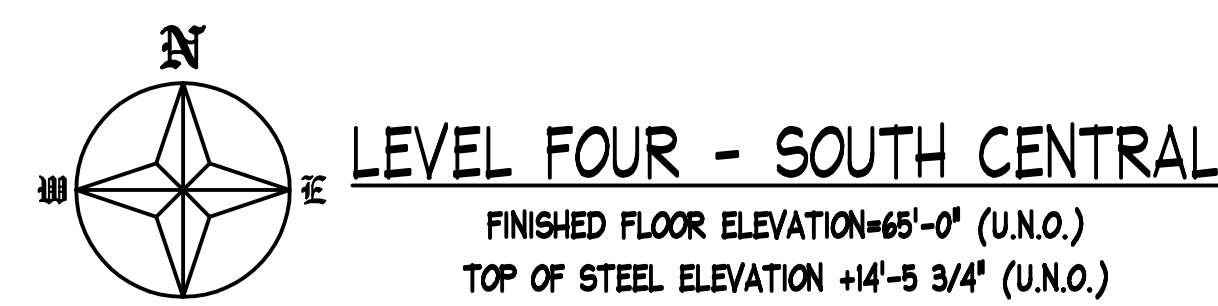




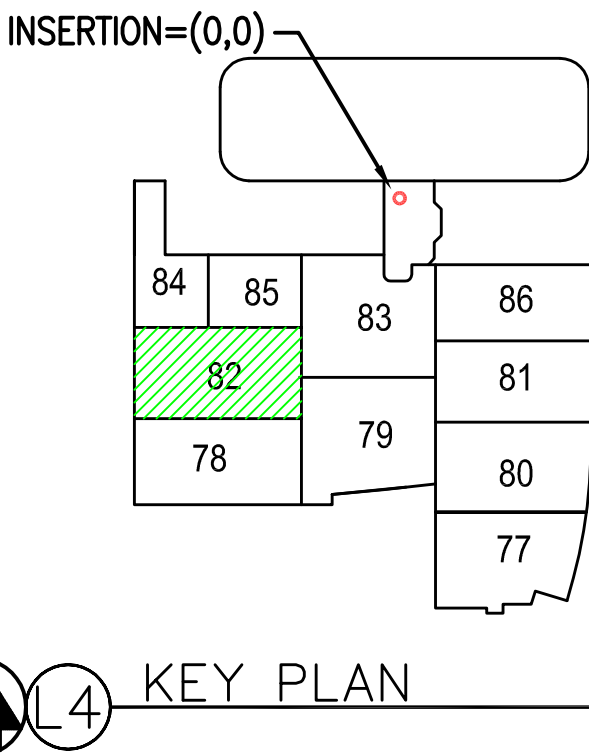
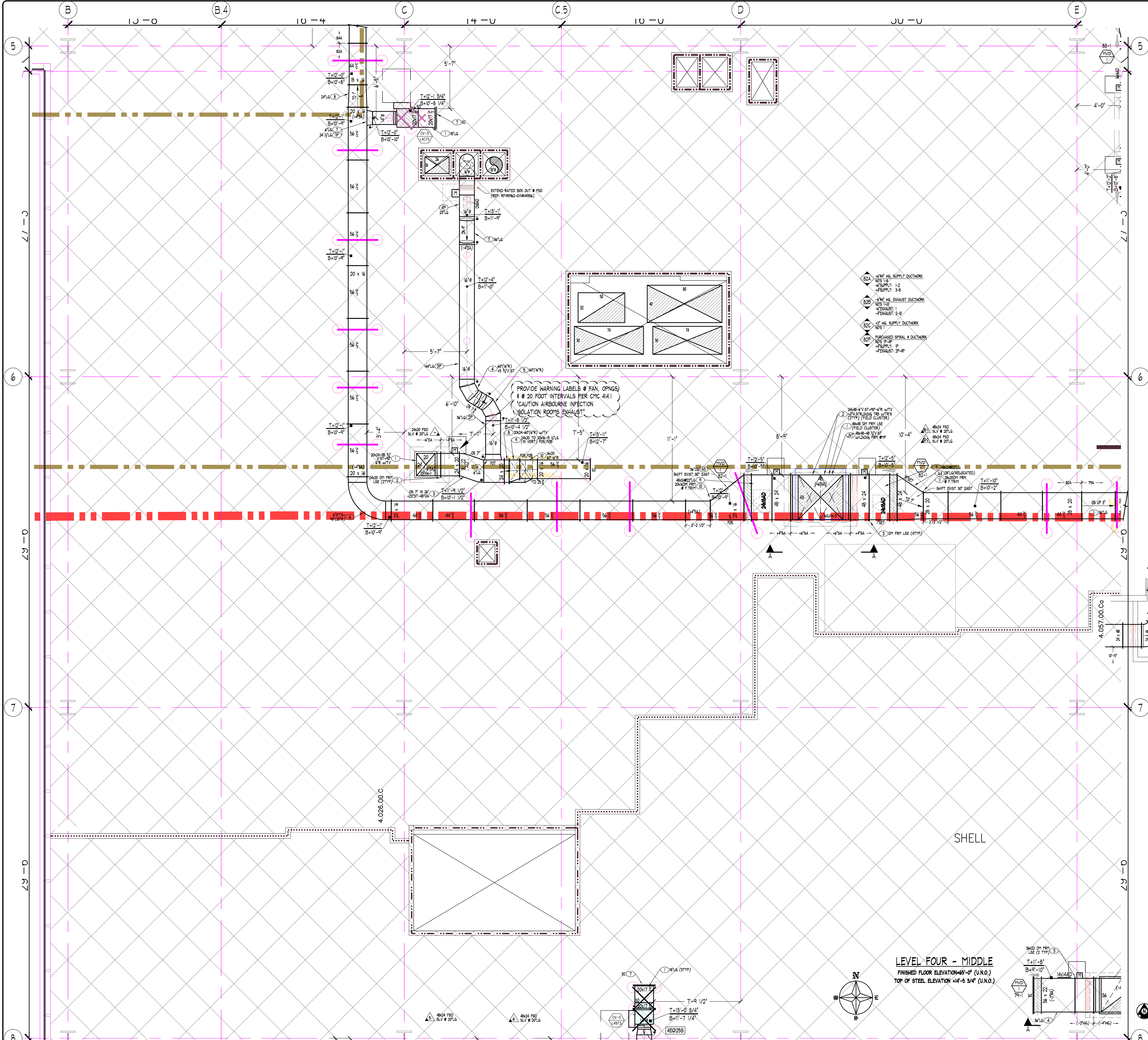
"PROJECT RECORD DRAWING"

[illegible]



  KEY PLAN

JOB NO: 9507		PAY ITEM 79
PROJECT: CHILDRENS HOSPITAL ORANGE, CA		
TITLE: LEVEL FOUR AREA E HVAC SYSTEM LAOYOT		
REFERENCE DRAWINGS ARCH: A3.40 STRUCT: S3.5A&B MECH: M3.4E		
BY: BP	DRAWING NO.	
DATE: 1-27-10	79 OF 115	



LEVEL FOUR - MIDDLE
FINISHED FLOOR ELEVATION +65'-0" (U.N.O.)
TOP OF STEEL ELEVATION +14'-5 3/4" (U.N.O.)

INSERTION=(0,0)

NOTES

1. ELEVATIONS SHOWN ON THIS DRAWING ARE TO THE EXISTING FINISHED FLOOR. ALL ELEVATIONS MUST BE CORRECTED TO THE FINISHED FLOOR ELEVATION.

ABBREVIATIONS

SYMBOL	DESCRIPTION
1/2" DIA. SUPPLY DUCTWORK	1/2" DIA. SUPPLY DUCTWORK
1/2" DIA. RETURN DUCTWORK	1/2" DIA. RETURN DUCTWORK
1/2" DIA. EXHAUST DUCTWORK	1/2" DIA. EXHAUST DUCTWORK
1/2" DIA. CONDENSATE PIPING	1/2" DIA. CONDENSATE PIPING
1/2" DIA. GAS PIPING	1/2" DIA. GAS PIPING
1/2" DIA. WATER PIPING	1/2" DIA. WATER PIPING
1/2" DIA. VENT PIPING	1/2" DIA. VENT PIPING
1/2" DIA. DRAIN PIPING	1/2" DIA. DRAIN PIPING
1/2" DIA. RAIN PIPING	1/2" DIA. RAIN PIPING
1/2" DIA. FUEL PIPING	1/2" DIA. FUEL PIPING
1/2" DIA. AIR PIPING	1/2" DIA. AIR PIPING
1/2" DIA. VACUUM PIPING	1/2" DIA. VACUUM PIPING
1/2" DIA. OTHER PIPING	1/2" DIA. OTHER PIPING

SYMBOL LEGEND

SYMBOL	DESCRIPTION
1/2" DIA. SUPPLY DUCTWORK	1/2" DIA. SUPPLY DUCTWORK
1/2" DIA. RETURN DUCTWORK	1/2" DIA. RETURN DUCTWORK
1/2" DIA. EXHAUST DUCTWORK	1/2" DIA. EXHAUST DUCTWORK
1/2" DIA. CONDENSATE PIPING	1/2" DIA. CONDENSATE PIPING
1/2" DIA. GAS PIPING	1/2" DIA. GAS PIPING
1/2" DIA. WATER PIPING	1/2" DIA. WATER PIPING
1/2" DIA. VENT PIPING	1/2" DIA. VENT PIPING
1/2" DIA. DRAIN PIPING	1/2" DIA. DRAIN PIPING
1/2" DIA. RAIN PIPING	1/2" DIA. RAIN PIPING
1/2" DIA. FUEL PIPING	1/2" DIA. FUEL PIPING
1/2" DIA. AIR PIPING	1/2" DIA. AIR PIPING
1/2" DIA. VACUUM PIPING	1/2" DIA. VACUUM PIPING
1/2" DIA. OTHER PIPING	1/2" DIA. OTHER PIPING

MATERIAL LISTS

DATE	NO.	DESCRIPTION	QTY.	UNIT
10-25-22	5	1/2" DIA. SUPPLY AIR DUCTWORK (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. RETURN AIR DUCTWORK (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. EXHAUST AIR DUCTWORK (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. CONDENSATE PIPING (PVC) OF 200' L.S.	200	LF
		1/2" DIA. GAS PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. WATER PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. VENT PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. DRAIN PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. RAIN PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. FUEL PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. AIR PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. VACUUM PIPING (STEEL) OF 200' L.S.	200	LF
		1/2" DIA. OTHER PIPING (STEEL) OF 200' L.S.	200	LF

REVISIONS

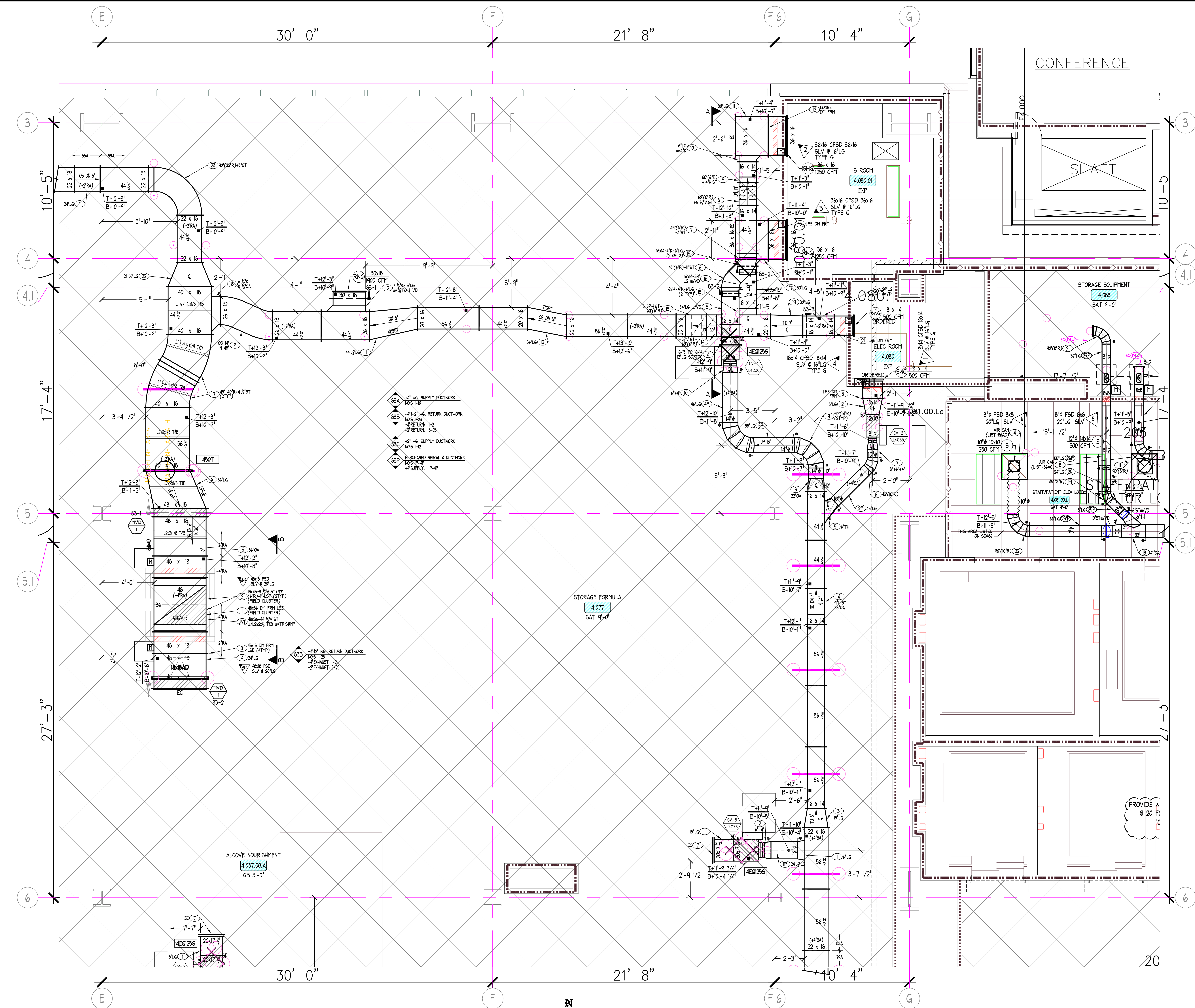
DATE	NO.	DESCRIPTION
10-25-22	5	1/2" DIA. SUPPLY AIR DUCTWORK (STEEL) OF 200' L.S.

PROJECT RECORD DRAWING

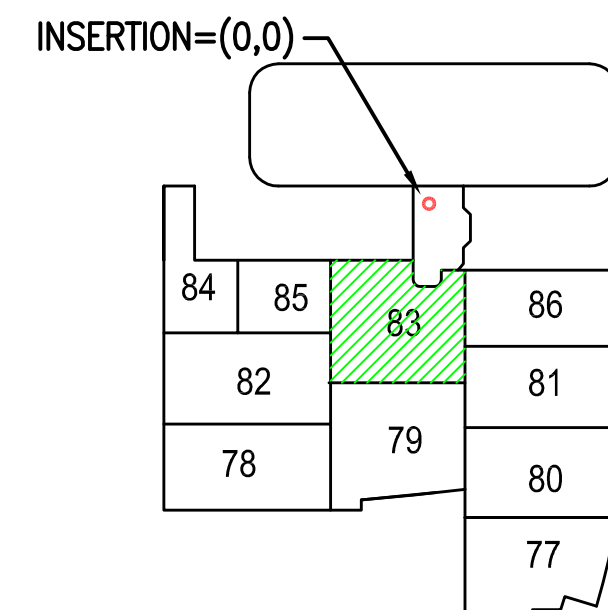
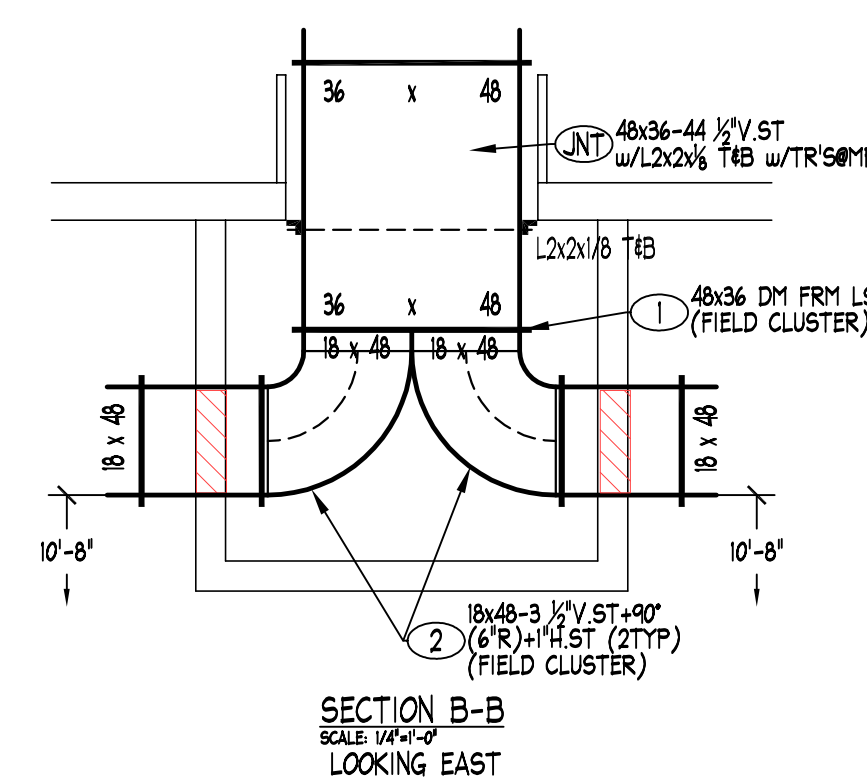
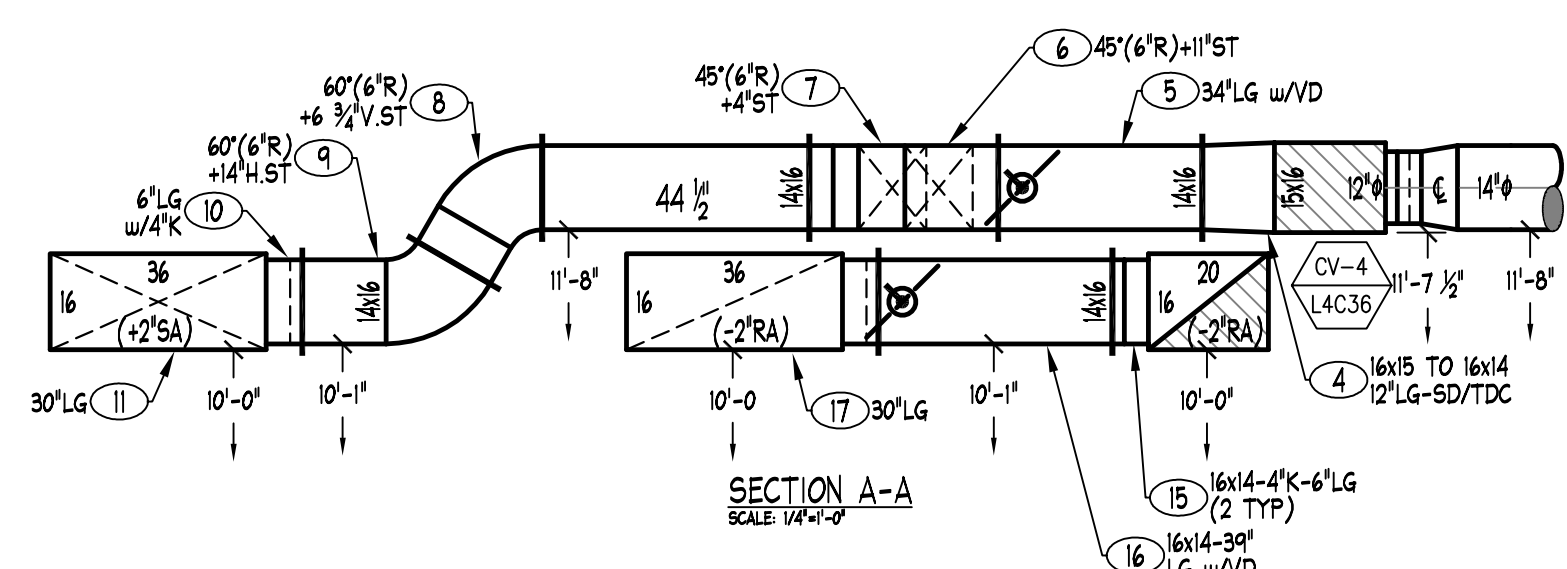
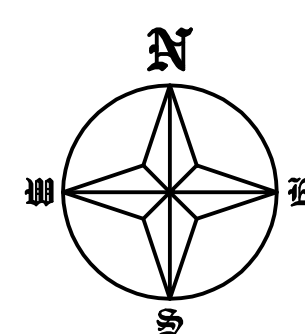
SHEET METAL
HARRIS & HART
TRACTORS & FABRICATORS

HARRIS & HART INC.
1759 WEST 1200 SOUTH
OGDEN, UTAH 84404
PHONE: (801) 731-0577
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WEBSITE: WWW.HARRIS-HART.COM
E-MAIL TO: DETAILING DEPARTMENT:
taylor@harris-hart.com

JOB NO: 9507
PROJECT: CHILDRENS HOSPITAL
ORANGE, CA
TITLE: LEVEL FOUR AREA J
HVAC SYSTEM LAYOUT
REFERENCE DRAWINGS: ARCH4340 STRUCT: 52.5A&B MECH: M3.41
BY: BP
DATE: 1-27-10
SCALE: 3/8"=1'-0"



LEVEL FOUR - NORTH WEST
FINISHED FLOOR ELEVATION +48'-0" (U.N.O.)
TOP OF STEEL ELEVATION +44'-5 3/4" (U.N.O.)



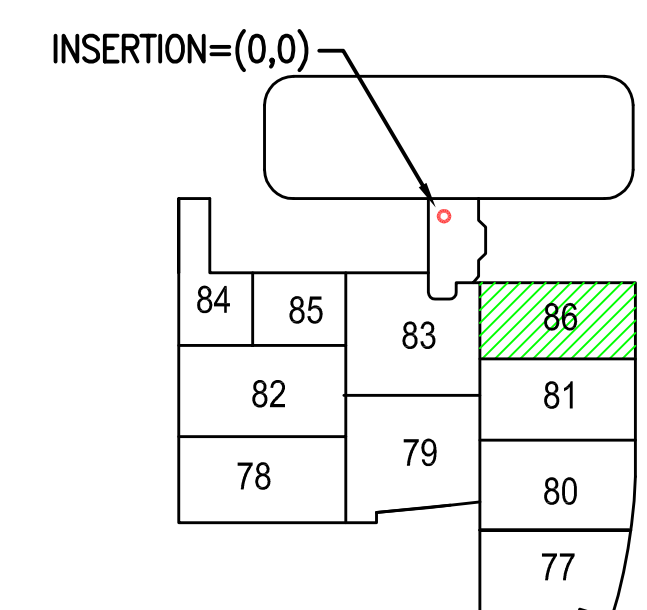
NOTES	
1. EXISTING AIRWAYS ON THE DRAWING ARE TO BE DUCT BODY. ALUMINUM MUST BE INSULATED AND DUCT INSULATION WHEN COORDINATING ELEVATIONS.	
ABBREVIATIONS	
3 & 4 DUCT CONNECTION	5 & 6 D
SPRINKLER FITTING	5 & 7
DUCT INSULATION	5 & 8
DUCT PRESSURE	5 & 9
DUCT	5 & 10
TRANSVERSE DUCT CONNECTION	5 & 11
TRANSVERSE DUCT CONNECTION	5 & 12
TRANSVERSE DUCT CONNECTION	5 & 13
TRANSVERSE DUCT CONNECTION	5 & 14
TRANSVERSE DUCT CONNECTION	5 & 15
TRANSVERSE DUCT CONNECTION	5 & 16
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TRANSVERSE DUCT CONNECTION	5 & 97
TRANSVERSE DUCT CONNECTION	5 & 98
TRANSVERSE DUCT CONNECTION	5 & 99
TRANSVERSE DUCT CONNECTION	5 & 100

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
1	1" DUCT
2	2" DUCT
3	3" DUCT
4	4" DUCT
5	5" DUCT
6	6" DUCT
7	7" DUCT
8	8" DUCT
9	9" DUCT
10	10" DUCT
11	12" DUCT
12	14" DUCT
13	16" DUCT
14	18" DUCT
15	20" DUCT
16	24" DUCT
17	30" DUCT
18	36" DUCT
19	42" DUCT
20	48" DUCT
21	54" DUCT
22	60" DUCT
23	66" DUCT
24	72" DUCT
25	78" DUCT
26	84" DUCT
27	90" DUCT
28	96" DUCT
29	102" DUCT
30	108" DUCT
31	114" DUCT
32	120" DUCT
33	126" DUCT
34	132" DUCT
35	138" DUCT
36	144" DUCT
37	150" DUCT
38	156" DUCT
39	162" DUCT
40	168" DUCT
41	174" DUCT
42	180" DUCT
43	186" DUCT
44	192" DUCT
45	198" DUCT
46	204" DUCT
47	210" DUCT
48	216" DUCT
49	222" DUCT
50	228" DUCT
51	234" DUCT
52	240" DUCT
53	246" DUCT
54	252" DUCT
55	258" DUCT
56	264" DUCT
57	270" DUCT
58	276" DUCT
59	282" DUCT
60	288" DUCT
61	294" DUCT
62	300" DUCT
63	306" DUCT
64	312" DUCT
65	318" DUCT
66	324" DUCT
67	330" DUCT
68	336" DUCT
69	342" DUCT
70	348" DUCT
71	354" DUCT
72	360" DUCT
73	366" DUCT
74	372" DUCT
75	378" DUCT
76	384" DUCT
77	390" DUCT
78	396" DUCT
79	402" DUCT
80	408" DUCT
81	414" DUCT
82	420" DUCT
83	426" DUCT
84	432" DUCT
85	438" DUCT
86	444" DUCT
87	450" DUCT
88	456" DUCT
89	462" DUCT
90	468" DUCT
91	474" DUCT
92	480" DUCT
93	486" DUCT
94	492" DUCT
95	498" DUCT
96	504" DUCT
97	510" DUCT
98	516" DUCT
99	522" DUCT
100	528" DUCT

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JOB NO: 9507	PAY ITEM: 83
PROJECT:	CHILDRENS HOSPITAL ORANGE, CA
TITLE:	LEVEL FOUR AREA H HVAC SYSTEM LAYOUT
REFERENCE DRAWINGS	ARCH: A3.40 STRUCT: S2.5A80 MECH: M3.4H
BY: BP	DRAWING NO:
DATE: 1-27-10	83 OF 115
SCALE: 3/8"=1'-0"	

"PROJECT RECORD DRAWING"

 KEY PLAN

JOB NO: 9507		PAY ITEM: 86	
PROJECT:			
CHILDRENS HOSPITAL ORANGE, CA			
TITLE:			
LEVEL FOUR AREA M HVAC SYSTEM LAYOUT			
REFERENCE DRAWINGS		DRAWING NO.	
ARCH: A3.40		STRUCT: S2.546B MECH: M3.4M	
BY: BP		86 OF 115	
DATE:			