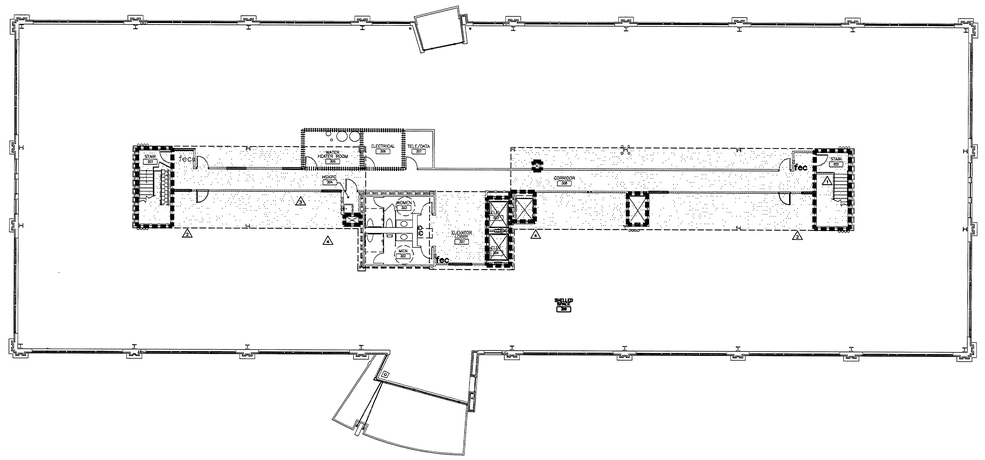
ADDRESS: 1444 S POTOMAC ST

RSN (Alternative Reference #): 205685

TITLE: REVISION - CORE AND SHELL - MEDICAL CENTER OF AURORA

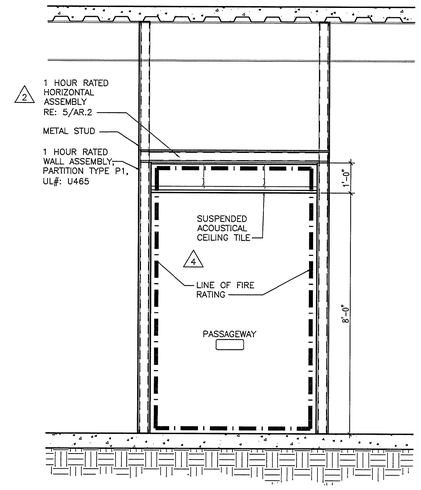
KEYWORD: LT



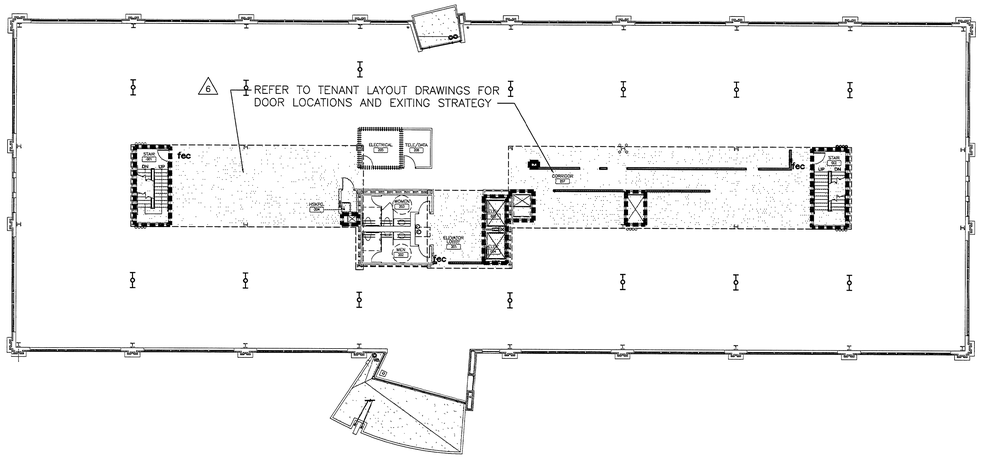
1 THIRD FLOOR LIFE SAFETY PLAN
AR-2 1/16" = 1'-0"

1–HR (45 MIN. DOORS) 1
1–HR EXIT PASSAGEWAY (60 MIN. DOORS)
1–HR SHAFT WALL
SPRAYED FIRE RESISTIVE MATERIAL ON ALL SHAFT STRUCTURAL SUPPORT MEMBERS
fec FIRE EXTINGUISHER CABINET RE: 10/A7.2 1

GLOBAL ELEVATION: 5,625'–2"
DRAWING ELEVATION: 126'–8"



4 WALL SECTION
AR.2 1/2" = 1'–0"



2 SECOND FLOOR LIFE SAFETY PLAN
AR-2 1/16" = 1'-0"

1–HR (45 MIN. DOORS) 1
1–HR EXIT PASSAGEWAY (60 MIN. DOORS)
1–HR SHAFT WALL
SPRAYED FIRE RESISTIVE MATERIAL ON ALL SHAFT STRUCTURAL SUPPORT MEMBERS
fec FIRE EXTINGUISHER CABINET RE: 10/A7.2 1

GLOBAL ELEVATION: 5,611'–10"
DRAWING ELEVATION: 113'–4"

GA FILE NO. FC 4490	GENERIC	1 HOUR FIRE	35 to 39 STC SOUND

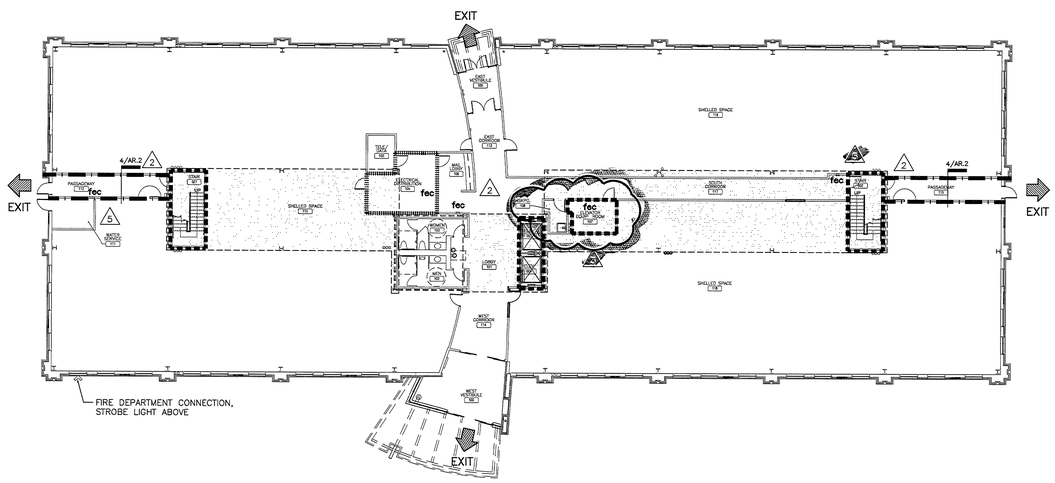
STEEL CHANNEL JOISTS, GYPSUM WALLBOARD

Base layer ⅝" type X gypsum wallboard applied at right angles to channel shaped steel joists 24" o.c. with 1¼" Type S drywall screws 24" o.c. **Face** layer ⅝" type X gypsum wallboard or gypsum veneer base applied at right angles to joists with 1⅞" Type S drywall screws 12" o.c. at joints and intermediate joists and 1⅛" Type G drywall screws 12" o.c. placed 2" back on either side of end joints. Joints offset 24" from base layer joints. Steel joists supporting ⅝" wood structural panels applied at right angles to joists with screws.

Approx. Ceiling Weight: 5 psf
Fire Test: FM FC 172, 2-25-72; ITS, 8-6-98
Sound Test: Estimated

SOURCE: GYPSUM ASSOCIATION'S FIRE RESISTANCE DESIGN MANUAL – 17TH ADDITION, DATED APRIL 2003

2 5 DETAIL
AR-2 NOT TO SCALE



3 FIRST FLOOR LIFE SAFETY PLAN
AR-2 1/16" = 1'-0"

1–HR (45 MIN. DOORS) 1
1–HR EXIT PASSAGEWAY (60 MIN. DOORS)
1–HR SHAFT WALL
SPRAYED FIRE RESISTIVE MATERIAL ON ALL SHAFT STRUCTURAL SUPPORT MEMBERS
fec FIRE EXTINGUISHER CABINET RE: 10/A7.2 1

GLOBAL ELEVATION: 5,598'–6"
DRAWING ELEVATION: 100'–0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

REVISION
2005-158034 LT
ASN 205685

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED AJS
DATE APPROVED DEC 20 2005

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET , UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEP04	
95% CONST. DOCUMENTS	09OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
ADDENDUM #1	11NOV04	1
PROPOSAL REQUEST #1	08DEC04	2
PROPOSAL REQUEST #2	23FEB05	3
RFI #22	08MAR05	4
RFI #31	12APR05	5
PROPOSAL REQUEST #12	06OCT05	6

STATE OF COLORADO
DAVID MICHAEL DEL RAY
B-1720
12/12/05
LICENSED ARCHITECT

MEDICAL OFFICE BUILDING

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

PROGRESS RECORD DOCUMENTS

LIFE SAFETY PLANS
1ST, 2ND & 3RD FLOORS

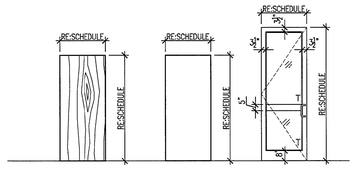
DATE	13 DEC 05
DRAWN BY	DEL
CHK'D BY	JDD
X-REF FILE	FLOOR PLANS

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:
AR.2

D.P.A. PROJECT # 02419.00

1 A1.1 DOOR TYPES / FRAME TYPES



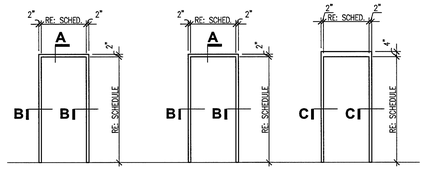
D1 — 1 3/4" SOLID CORE WOOD DOOR; MAPLE VENEER; NON-RATED

D2 — HOLLOW METAL DOOR

D3 — ALUMINUM STOREFRONT DOOR W/ GLAZING

DOOR TYPES

SCALE: 1/4"=1'-0"



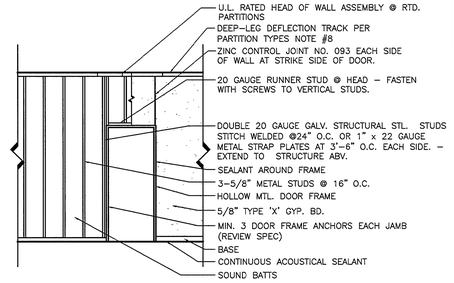
A — HOLLOW METAL INTERIOR NON RATED DOOR FRAME

B — HOLLOW METAL INTERIOR RATED STAIR DOOR FRAME

C — HOLLOW METAL EXTERIOR NON RATED DOOR FRAME

HOLLOW METAL FRAME TYPES

SCALE: 1/4"=1'-0"



TYPICAL DOOR FRAME INSTALLATION

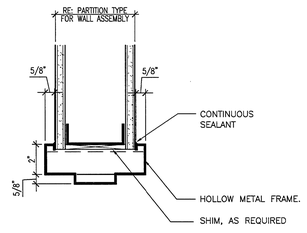
SCALE: 1/4"=1'-0"

2 A1.1 DOOR SCHEDULE

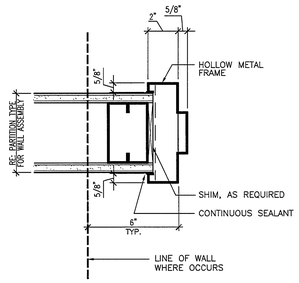
OPENING NO.	ROOM NAME	Door Size	DOOR OR GLAZED OPENING TYPE	DOOR OR GLAZED OPENING MAT.	FRAME TYPE	FRAME MAT.	FRAME FIN.	LABEL	HDW (1)	REMARKS
001-A	STAIR 001	36 x 84	D1	WD	B	HM	PT	60 MIN.	4	RE: Note 1 (2)
001-B	STAIR 001	36 x 84	D1	WD	B	HM	PT	60 MIN.	4	RE: Note 1 (2)
001-C	STAIR 001	36 x 42 (1)	--	--	--	--	PT	--		RE: 4/A6.2
002-A	STAIR 002	36 x 84	D1	WD	B	HM	PT	60 MIN.	4	RE: Note 1 (2)
002-B	STAIR 002	36 x 84	D1	WD	B	HM	PT	60 MIN.	4	RE: Note 1 (2)
100-A	WEST VESTIBULE	PR 72 x 84	D3	ALUM	--	ALUM	--	--	9	Auto Opp RE: 1/A1.2 (S20) RE: Note 1 (2)
100-B	WEST VESTIBULE	PR 72 x 84	D3	ALUM	--	ALUM	--	--	9	Auto Opp RE: 1/A1.2 (SIM) RE: Note 1 (2)
102	MEN	36 x 84	D1	WD	A	HM	PT	--	8	--
103	WOMEN	36 x 84	D1	WD	A	HM	PT	--	8	--
104-A	ELECT. DIST.	36 x 84	D1	WD	B	HM	PT	45 MIN.	4	RE: Note 1 (2)
104-B	ELECT. DIST.	36 x 84	D1	WD	B	HM	PT	45 MIN.	4	RE: Note 1 (2)
105	TELE/DATA	36 x 84	D2	HM	B	HM	PT	45 MIN	6	--
107	ELEV. EQUIP. ROOM	36 x 84	D1	WD	B	HM	PT	~~60 MIN~~	4	Re: ASME A17.1 2.7.3.4 RE: (2) Note 1 (1)
108	HOUSE KEEPING	36 x 84	D1	WD	A	HM	PT	--	5	--
109-A	EAST VESTIBULE	PR 36 x 84	D4	ALUM	--	ALUM	--	--	0.1 (3)	Push Plate Opener RE: 1/A1.2 (S21) RE: Note 1 (2)
109-B	EAST VESTIBULE	PR 36 x 84	D4	ALUM	--	ALUM	--	--	0.2 (3)	Push Plate Opener RE: 1/A1.2 (SIM) RE: Note 1 (2)
111	WATER SERVICE	36 x 84	D2	HM	C	HM	PT	--	2	--
112-A	PASSAGEWAY	36 x 84	D1	WD	B	HM	PT	60 MIN.	3	RE: Note 1 (2)
112-B	PASSAGEWAY	36 x 84	D2	HM (6)	C	HM	PT	--	1	RE: Note 1 (2)
112-C	PASSAGEWAY	36 x 84	D1	WD	B	HM	PT	60 MIN	4	RE: Note 1 (2)
113-A	CORRIDOR	36 x 84	D1	WD (6)	A	HM	PT	--	7	-- (1)
113-B	CORRIDOR	(1) 36 x 84	D1	WD	A	HM	PT	--	7	-- (1)
114-A	CORRIDOR	36 x 84	D1	WD	A	HM	PT	--	7	-- (1)
114-B	CORRIDOR	36 x 84	D1	WD	A	HM	PT	--	7	-- (1)
115-A	PASSAGEWAY	36 x 84	D1	WD	B	HM	PT	60 MIN.	3	RE: Note 1 (2)
115-B	PASSAGEWAY	36 x 84	D2	HM (6)	C	HM	PT	--	1	RE: Note 1 (2)
116	PASSAGEWAY	36 x 84	D1	WD	B	HM	PT	~~60 MIN~~	3	RE: Note 1 (2)
117	PASSAGEWAY	36 x 84	D1	WD	B	HM	PT	~~60 MIN~~	4	RE: Note 1 (2)
202	MEN	36 x 84	D1	WD	A	HM	PT	--	8	--
203	WOMEN	36 x 84	D1	WD	A	HM	PT	--	8	--
204	HOUSE KEEPING	36 x 84	D1	WD	A	HM	PT	--	5	--
205	ELECTRICAL ROOM	36 x 84	D1	WD	B	HM	PT	45 MIN.	6	--
206	TELE/DATA	36 x 84	D1	WD	A	HM	PT	--	5	--
207-A	NOT USED	36 x 84	D1	WD	--	HM	PT	--		-- (2)
207-B	NOT USED	36 x 84	D1	WD	--	HM	PT	--		-- (2)
207-C	NOT USED	36 x 84	D1	WD	--	HM	PT	--		-- (2)
207-D	NOT USED	36 x 84	D1	WD	--	HM	PT	--		-- (2)
302	MEN	36 x 84	D1	WD	A	HM	PT	--	8	--
303	WOMEN	36 x 84	D1	WD	A	HM	PT	--	8	--
304	HOUSE KEEPING	36 x 84	D1	WD	A	HM	PT	--	5	--
305	WATER HEATER ROOM	36 x 84	D1	WD	B	HM	PT	45 MIN.	6	--
306	ELECTRICAL ROOM	36 x 84	D1	WD	B	HM	PT	45 MIN.	6	--
307	TELE/DATA	36 x 84	D1	WD	A	HM	PT	--	5	--
308-A	CORRIDOR	36 x 84	D1	WD	A	HM	PT	--	7	--
308-B	CORRIDOR	36 x 84	D1	WD	A	HM	PT	--	7	--
308-C	CORRIDOR	36 x 84	D1	WD	A	HM	PT	--	7	--
308-D	CORRIDOR	36 x 84	D1	WD	A (1)	HM	PT	--	7 (1)	--

(2) NOTE 1: ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT

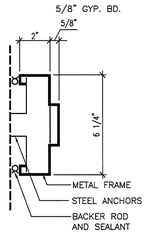
3 A1.1 FRAME DETAILS



A — HOLLOW METAL HEAD
SCALE: 3" = 1'-0"



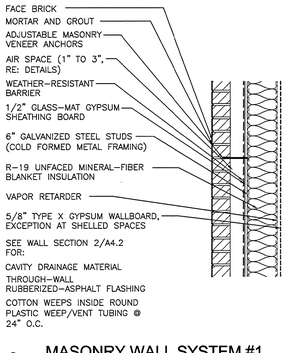
B — HOLLOW METAL JAMB
SCALE: 3" = 1'-0"



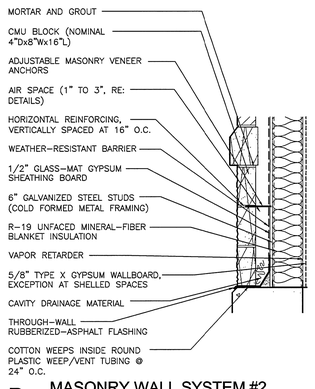
C — JAMB TO MASONRY
SCALE: 3" = 1'-0"

4 A1.1 TYPICAL BUILDING ASSEMBLIES

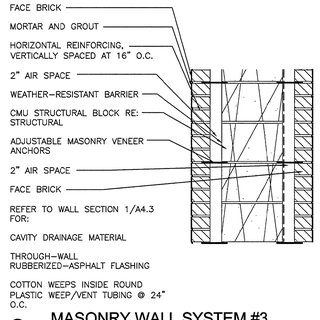
NOTED AS UNDERLINED TEXT: EXAMPLE: MASONRY WALL SYSTEM #1



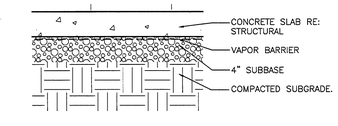
A — MASONRY WALL SYSTEM #1
1"=1'-0"



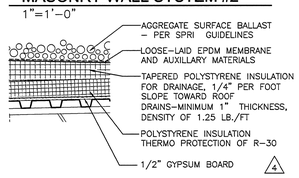
B — MASONRY WALL SYSTEM #2
1"=1'-0"



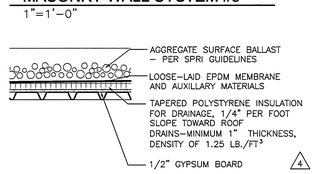
C — MASONRY WALL SYSTEM #3
1"=1'-0"



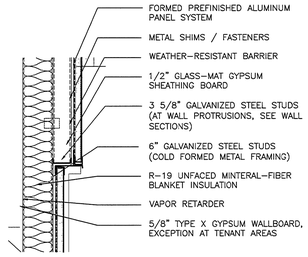
F — BELOW SLAB SURFACE SYSTEM #1
1"=1'-0"



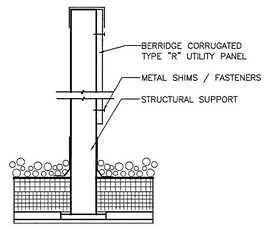
G — EPDM ROOF SYSTEM #1
1"=1'-0"



H — EPDM ROOF SYSTEM #2
1"=1'-0"



D — METAL PANEL WALL SYSTEM #1
1"=1'-0"



E — METAL PANEL WALL SYSTEM #2
1"=1'-0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED (5)
DATE APPROVED DEC 20 2005

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET . UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEP04	
95% CONST. DOCUMENTS	090CT04	
CONSTRUCTION DOCUMENTS	26OCT04	
ADDENDUM #1	11NOV04	1
PROPOSAL REQUEST #1	08DEC04	2
RFI #11	21JAN05	3
RFI #15	10FEB05	4
PROPOSAL REQUEST #4	23FEB05	5
RFI #30	12APR05	6
PROPOSAL REQUEST #11	02SEP05	7

STATE OF COLORADO
DAVID MICHAEL RHYNE
B-1720
12/8/05
LICENSED ARCHITECT

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

Health ONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

DOOR SCHEDULE
DOOR TYPES / ASSEMBLIES

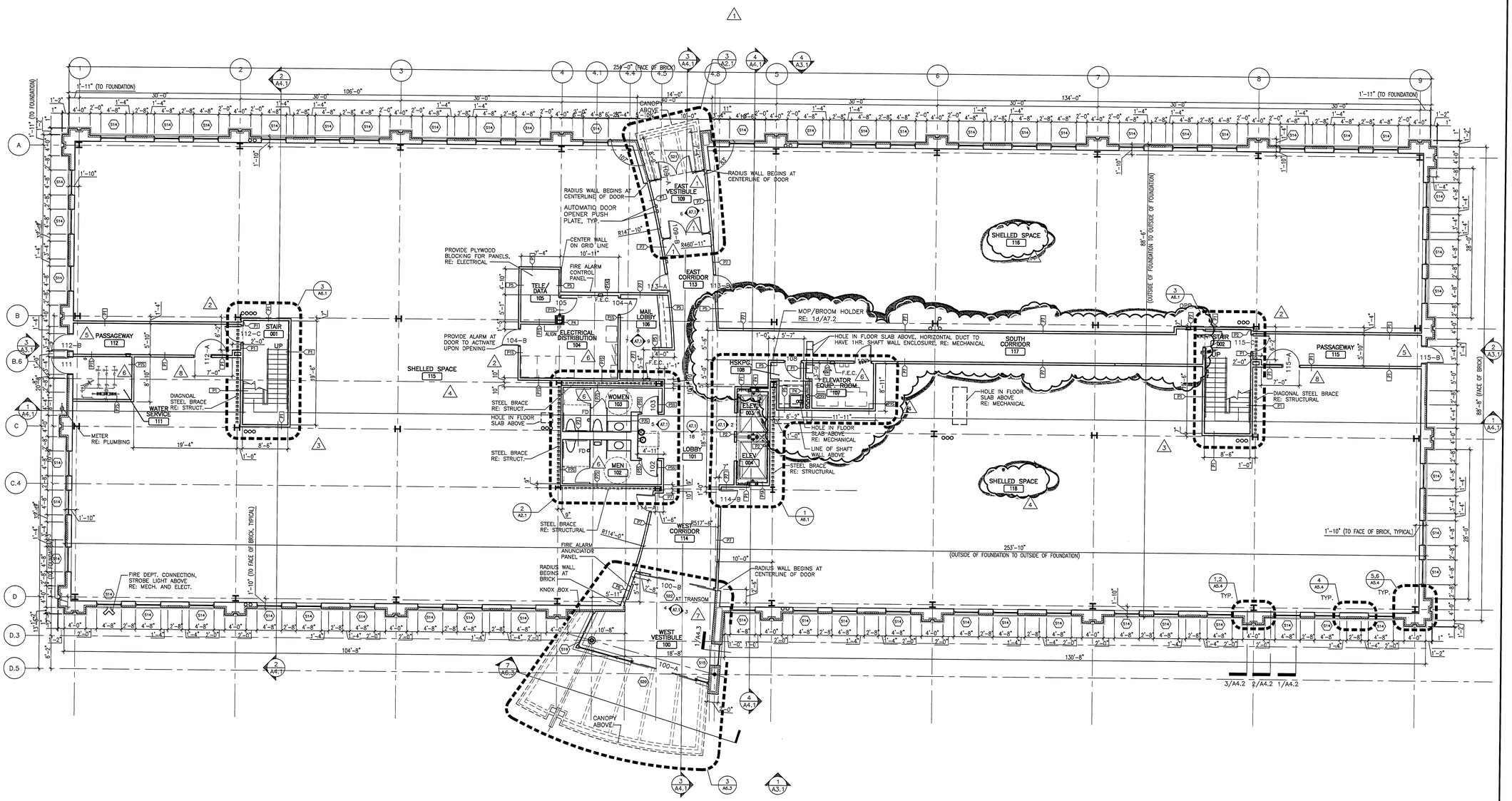
DATE	12 DEC 05
DRAWN BY	DEL
CHK'D BY	JDD
X-REF FILE	NONE

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

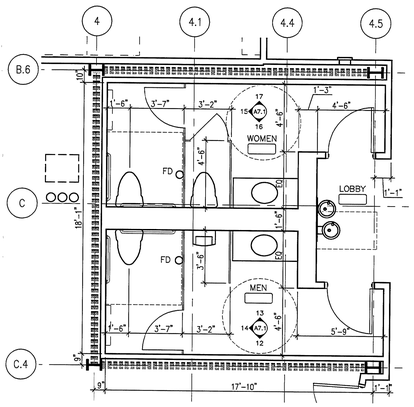
A1.1

D.P.A. PROJECT # 02419.00

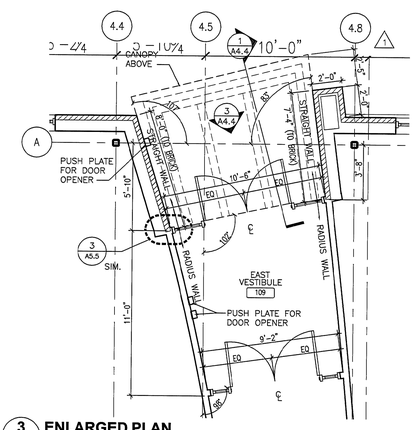


1 FIRST FLOOR PLAN
A2.1 1/8" = 1'-0"

FIRST FLOOR ELEVATION = 5,598'-6"



2 ENLARGED PLAN
A2.1 1/4" = 1'-0"



3 ENLARGED PLAN
A2.1 1/4" = 1'-0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED DEC 2 0 2005

PLAN NOTES

1. DIMENSIONS ON ARCHITECTURAL DRAWINGS LOCATING STRUCTURAL ELEMENTS ARE TO CENTERLINE OF COLUMNS AND BEAMS UNLESS NOTED OTHERWISE.
2. DIMENSIONS LOCATING EXTERIOR WALL SYSTEMS ARE TO EXTERIOR FINISHED FACE OR INTERIOR FINISHED FACE, UNLESS NOTED OTHERWISE.
3. DIMENSIONS LOCATING INTERIOR GYPSUM BOARD PARTITIONS ARE TO FINISHED FACE OF PARTITION, UNLESS NOTED OTHERWISE.
4. DOOR ASSEMBLIES IN INTERIOR PARTITIONS ARE 6" FROM FINISHED FACE OF ADJACENT PARTITION TO EDGE OF DOOR LEAF.
5. FURNITURE INDICATED ON PLANS ARE FOR REFERENCE ONLY AND ARE NOT PROVIDED UNDER THIS CONTRACT.

xref: noteplan.dwg

LINE REFERENCE

- ABOVE FLOOR LINE
- CENTERLINE
- EQUIPMENT
- WALL/ PARTITION REFER TO PARTITION LEGEND

xref: noteline.dwg

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET , UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8900 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEP04	
95% CONST. DOCUMENTS	08OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
ADDENDUM #1	11NOV04	1
PROPOSAL REQUEST #1	08DEC04	2
PROPOSAL REQUEST #3	14JAN05	3
PROPOSAL REQUEST #4	23FEB05	4
PROPOSAL REQUEST #6	24MAR05	5
RFI #32	28APR05	6
PROPOSAL REQUEST #11	14SEP05	7
RFI #...		8

STATE OF COLORADO
DAVID MICHAEL RHYNE
B-1720
12/16/05
LICENSED ARCHITECT

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

Health ONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

FIRST FLOOR PLAN

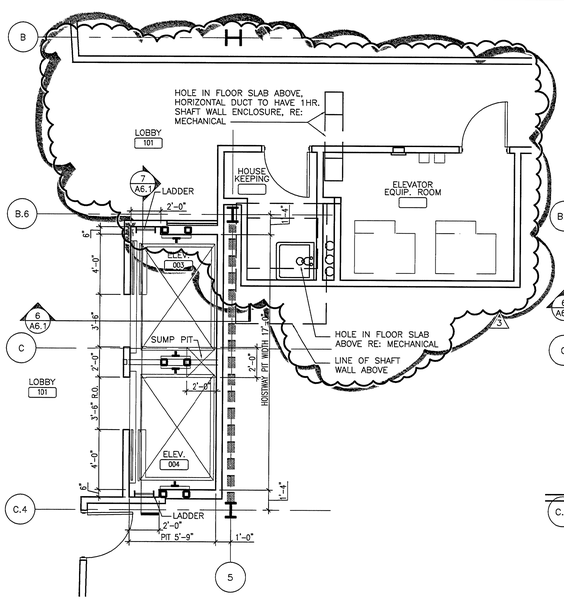
DATE	12 DEC 05
DRAWN BY	DEL
CHK'D BY	JDD
X-REF FILE	A2-1fpl.dwg

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

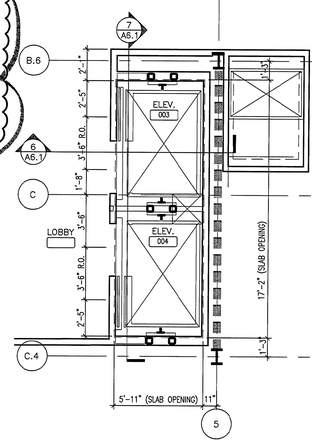
SHEET NUMBER:

A2.1

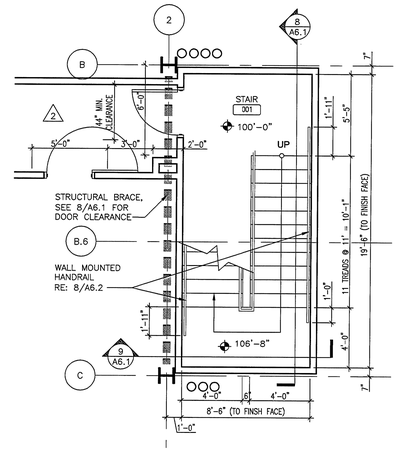
D.P.A. PROJECT # 02419.00



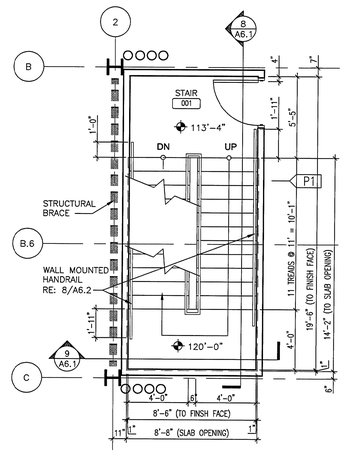
1 ELEVATOR - FIRST FLOOR PLAN
A6-1 1/4" = 1'-0"



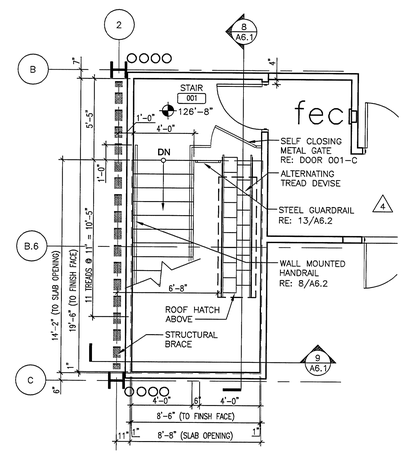
2 ELEVATOR - 2ND AND 3RD FLOOR
A6-1 1/4" = 1'-0"



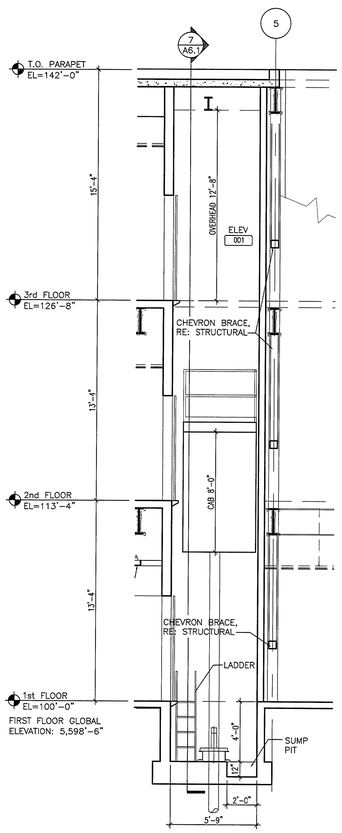
3 STAIR 1 - 1ST FLOOR PLAN
A6-1 1/4" = 1'-0"



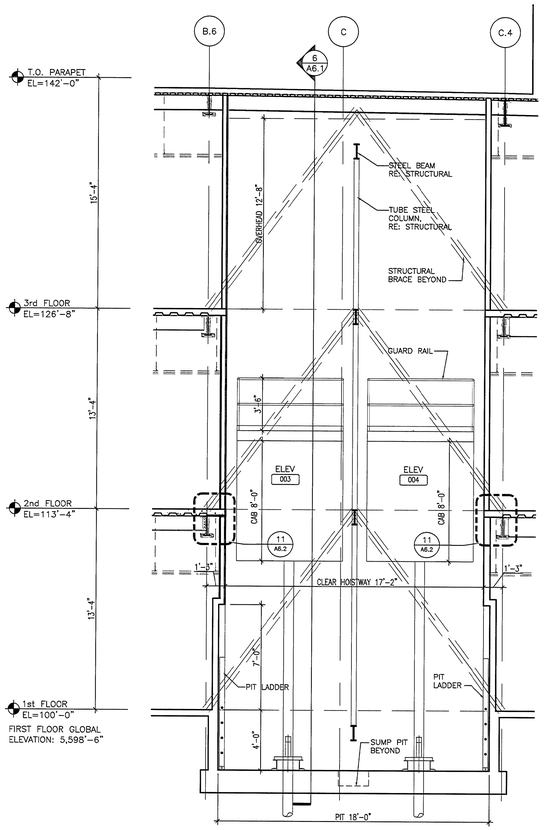
4 STAIR 1 - 2ND FLOOR PLAN
A6-1 1/4" = 1'-0"



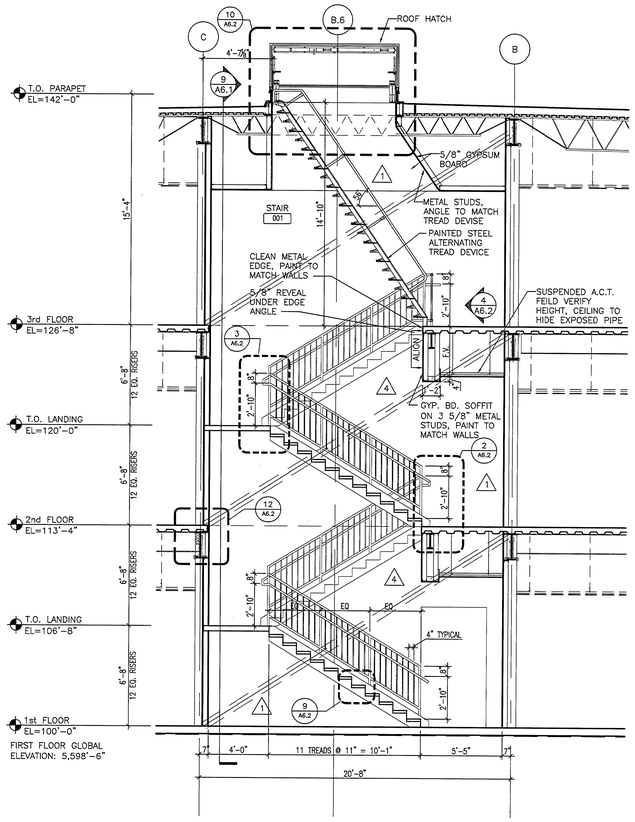
5 STAIR 1 - 3RD FLOOR PLAN
A6-1 1/4" = 1'-0"



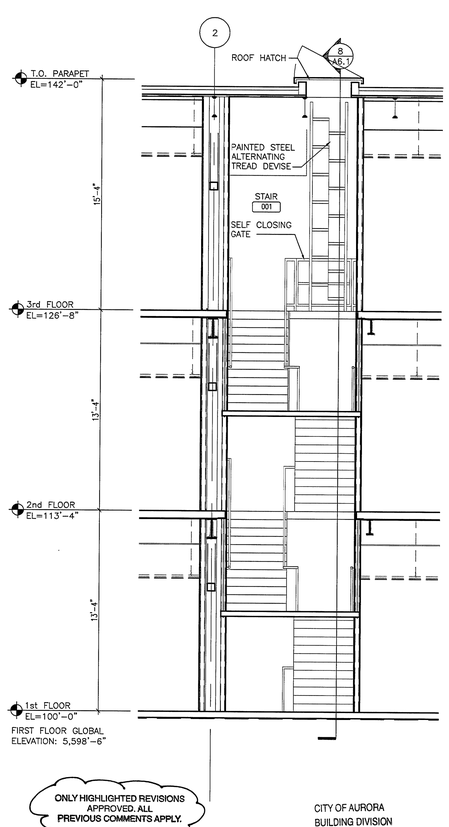
6 ELEVATOR - SECTION
A6-1 1/4" = 1'-0"



7 ELEVATOR - SECTION
A6-1 1/4" = 1'-0"



8 STAIR 1 - SECTION
A6-1 1/4" = 1'-0"



9 STAIR 1 - SECTION
A6-1 1/4" = 1'-0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED DEC 2 0 2005

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET , UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961
weyland enterprises, inc.
MedCap PROPERTIES

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEP04	
95% CONST. DOCUMENTS	08OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
ADDENDUM #1	11NOV04	1
PROPOSAL REQUEST #1	08DEC04	2
~~PROPOSAL REQUEST #4~~	23FEB05	VOID
PROPOSAL REQUEST #15	11NOV05	4

STATE OF COLORADO
DAVID MICHAEL RHYNE
B-1720
12/12/05
LICENSED ARCHITECT

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

VERTICAL CIRCULATION

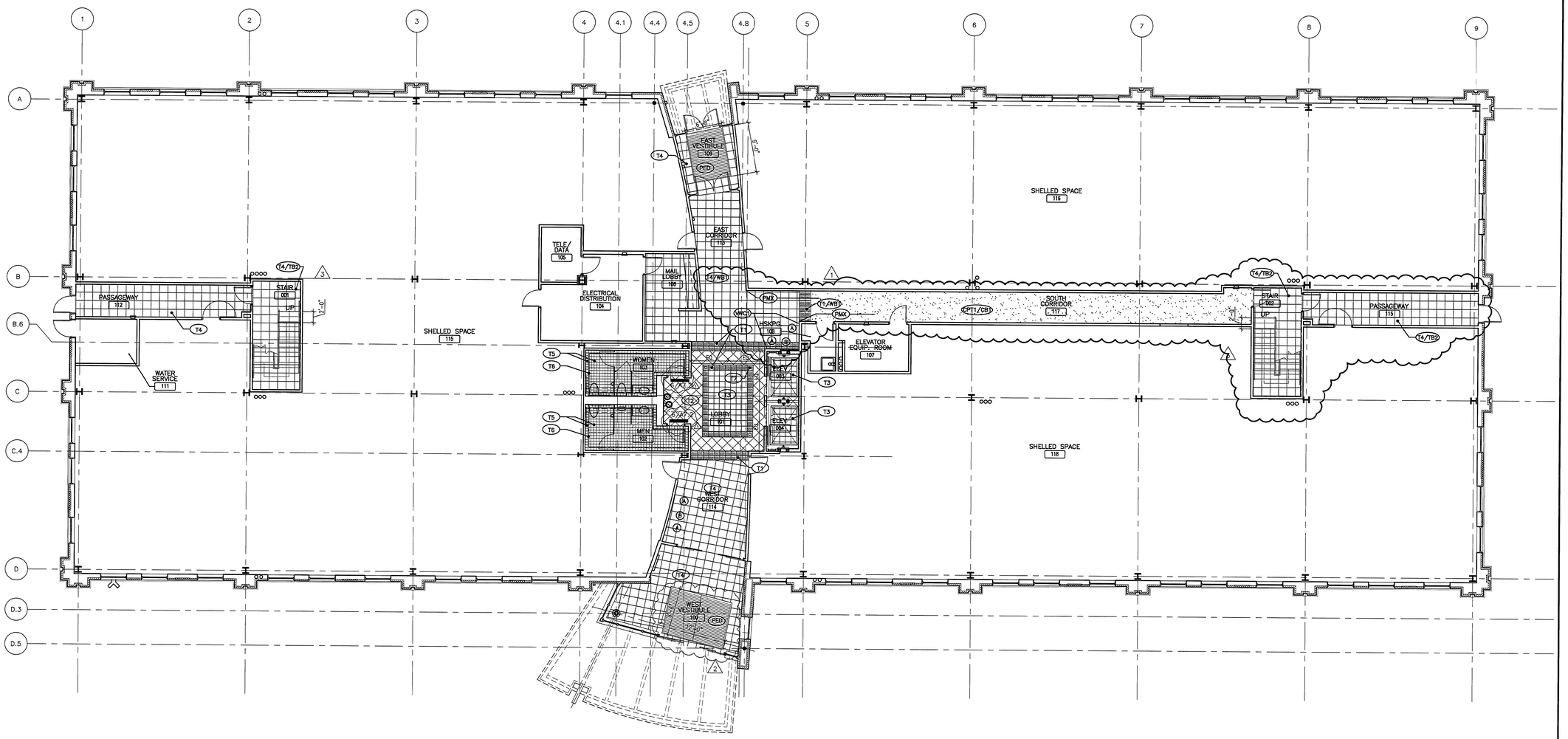
DATE	23 FEB 05
DRAWN BY	DEL
CHK'D BY	JDD
X-REF FILE	plans

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

A6.1

D.P.A. PROJECT # 02419.00



1 FIRST FLOOR FINISH PLAN
A8.1 1/8" = 1'-0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED AS
DATE APPROVED DEC 20 2005

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET, UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEP04	
95% CONST. DOCUMENTS	09OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
PROPOSAL REQUEST #4	23FEB04	1
SUBMITTAL #56	09AUG05	2
PROPOSAL REQUEST #13	23SEP05	3

STATE OF COLORADO
DAVID MICHAEL RHYNE
B-1720
LICENSED ARCHITECT

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

Health ONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

FIRST FLOOR INTERIOR FINISH PLAN

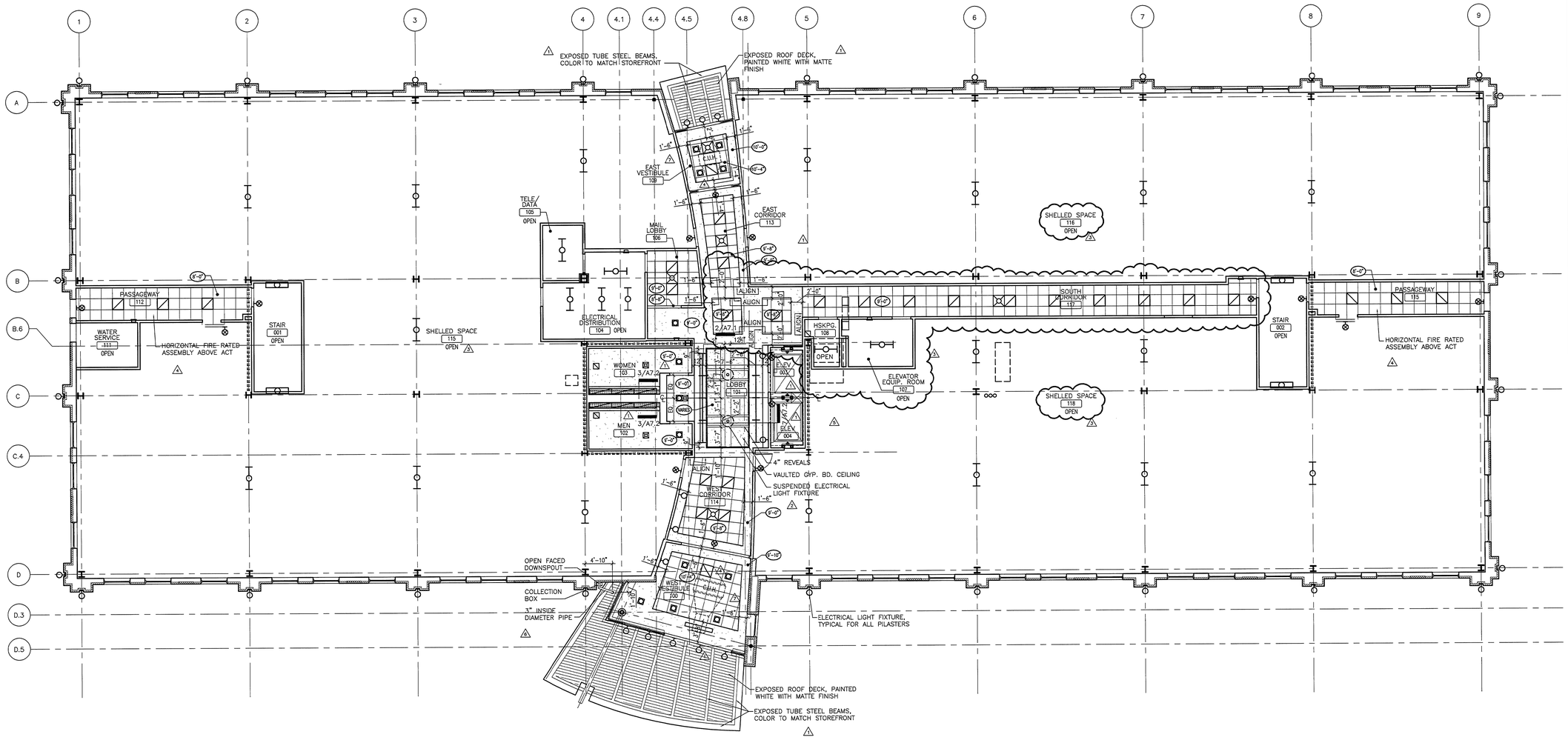
DATE	13 DEC 05
DRAWN BY	SB/AR
CHK'D BY	JDD
X-REF FILE	A2-1fpl.dwg

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

A8.1

D.P.A. PROJECT # 02419.00



1 FIRST FLOOR REFLECTED CEILING PLAN

A9.1 1/8" = 1'-0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED AS
DATE APPROVED DEC 2 0 2005

CEILING PLAN LEGEND

- 2X2 RECESSED FLUOR. FIXT.
- SURFACE MOUNTED STRIP FLUORESCENT LIGHT FIXTURE
- WALL MOUNTED FIXTURE
- STRIP, SURFACE MOUNTED FLUORESCENT FIXTURE
- RECESSED CAN FIXTURE
- EXIT SIGN
- WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE (2)
- GYPSUM BOARD SOFFIT OR CEILING
- ACOUSTICAL TILE
- 8'-0" CEILING HEIGHT ABOVE FINISH FLOOR
- MECHANICAL DIFFUSER (SUPPLY)
- MECHANICAL DIFFUSER (RETURN)

xref: noteceiling.dwg

CEILING NOTES

1. ALL CEILING HEIGHTS ARE 9'-0" U.N.O.
2. ALL DIMENSIONS ARE TO FINISHED FACE OF PARTITION OR SOFFIT.
3. PROVIDE SUPPORT AS REQUIRED ABOVE CEILING FOR ANY CEILING MOUNTED EQUIPMENT
4. COORDINATE LENGTH OF CASEWORK SOFFITS WITH CASEWORK ELEVATIONS.
5. CENTER CEILING GRID OR PANELS IN ROOM, AS INDICATED.

xref: noteceiling.dwg

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET . UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961
weyland enterprises, inc.
MedCap PROPERTIES

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEP04	
95% CONST. DOCUMENTS	09OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
ADDENDUM #1	11NOV04	1
PROPOSAL REQUEST #3	14JAN05	2
PROPOSAL REQUEST #4	23FEB05	3
RFI #22	08MAR05	4
RFI #49	29JUN05	5
RFI #51	05JUL05	6
RFI #71	03NOV05	7

STATE OF COLORADO
DAVID MICHAEL RHYNE
B-1720
12/12/05
LICENSED ARCHITECT

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

FIRST FLOOR REFLECTED CEILING PLAN

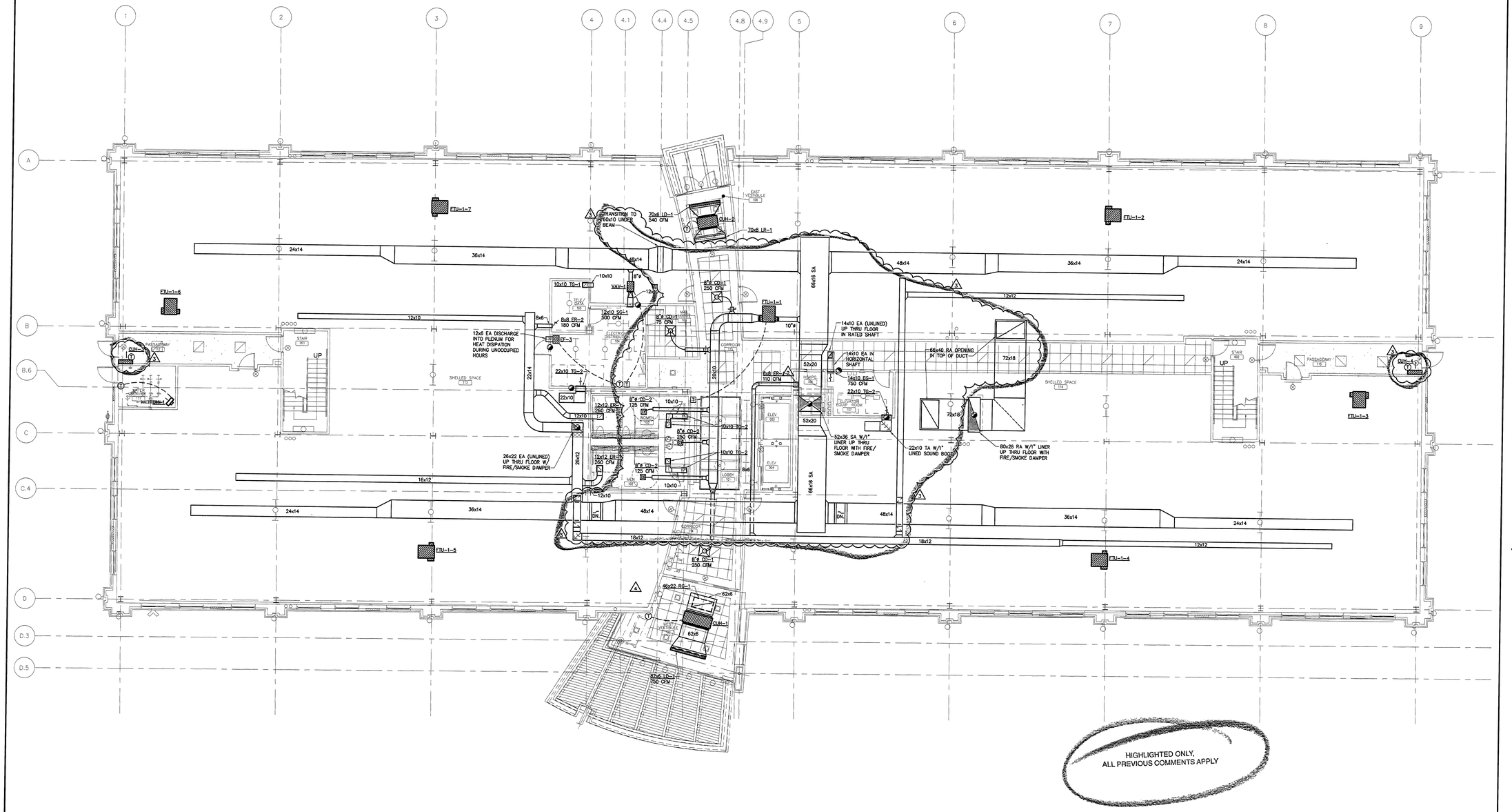
DATE	13 DEC 05
DRAWN BY	DEL
CHK'D BY	JDD
X-REF FILE	A2-1fpl.dwg

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

A9.1

D.P.A. PROJECT # 02419.00



HIGHLIGHTED ONLY,
ALL PREVIOUS COMMENTS APPLY

FIRST FLOOR HVAC PLAN

SCALE: 1/8"=1'-0"

HVAC GENERAL NOTES:

1. RECTANGULAR DUCTWORK, SUPPLY, RETURN, AND TRANSFER SHALL BE SHEETMETAL AND SHALL BE LINED WITH 1" DUCT LINER. ROUND DUCTWORK SHALL BE SHEETMETAL AND WRAPPED WITH 2" DUCT WRAP. EXHAUST DUCTWORK SHALL BE SHEETMETAL AND SHALL BE UNLINED. ALL DUCTWORK SHALL MEET OR EXCEED SMANCA STANDARDS FOR 2" PRESSURE CLASSIFICATION. GIVEN DIMENSIONS ARE INSIDE DIMENSIONS.
2. ALL DUCTWORK SHALL BE SEALED AIRTIGHT WITH DUCT SEALANT (SMACNA SEAL CLASS "A") AND SHALL CONFORM TO LOCAL BUILDING CODES.
3. FLEXIBLE DUCTWORK SHALL BE INSULATED AND SHALL BE THE SAME SIZE AS THE NECK OF THE DIFFUSER. FLEX DUCT SHALL NOT EXCEED 8'-0" IN LENGTH AND SHALL CONFORM TO LOCAL BUILDING CODES.
4. ALL SPIN-IN FITTINGS SHALL BE CONICAL AND SHALL HAVE MANUAL VOLUME DAMPERS, WHERE SHOWN.
5. RECTANGULAR BRANCH DUCT TAKE-OFFS SHALL HAVE 45° TAKE-OFFS AND ROUND DUCT TAKE-OFFS SHALL BE CONICAL.
6. ALL ELBOWS, BOTH HORIZONTAL AND VERTICAL, SHALL BE LONG RADIUS ELBOWS WHEREVER POSSIBLE, OR SHALL HAVE TURNING VANES WHERE SHOWN.
7. BALANCE AIR SYSTEM TO QUANTITIES SHOWN, AND SUBMIT A MINIMUM OF (6) COPIES OF THE BALANCE REPORT TO THE ENGINEER FOR REVIEW. PROVIDE COPY TO BUILDING OFFICIAL FOR COMMENTS AND ACCEPTANCE.
8. ALL OUTSIDE AIR INTAKES SHALL BE A MINIMUM OF 10'-0" FROM ANY EXHAUST OR FLUE OUTLETS, PLUMBING VENTS, ETC... PER LOCAL BUILDING CODE REQUIREMENTS.
9. PROVIDE FLEXIBLE CONNECTION ON INTAKE AND DISCHARGE OF MECHANICAL EQUIPMENT. FLEX CONNECTION SHALL CONFORM TO LOCAL BUILDING CODE PROVISIONS.
10. CEILING SPACE IS USED AS A RETURN AIR PLENUM AND SHALL CONFORM WITH LOCAL BUILDING CODE PROVISIONS.
11. CONTRACTOR TO PROVIDE TRANSITION TO VAV TERMINAL UNITS, COILS, FANS OR OTHER EQUIPMENT.
12. ALL DUCTWORK VISIBLE THROUGH RETURN AIR GRILLES IS TO BE PAINTED FLAT BLACK.
13. COORDINATE LOCATIONS OF THERMOSTATS WITH ARCHITECT PRIOR TO INSTALLATION.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED DEC 2 0 2005

PLOT DATE: December 13, 2005 @ 9:27m
FILE LOCATION: N:\03098\M2-1.dwg; LAYOUT NAME: Layout1

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027

0137 MAIN STREET, UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

The Ballard Group, Inc.
Mechanical Consulting Engineers
(303) 988-4514

ISSUE/REVISION	DATE	NO.
50% CONSTRUCTION DOCUMENTS	21 SEP 04	
95% CONSTRUCTION DOCUMENTS	08 OCT 04	
100% CONSTRUCTION DOCUMENTS	25 OCT 04	
ADDENDUM 1	03 NOV 04	1
PROPOSAL REQUEST #2	27 DEC 04	2
PROPOSAL REQUEST #4	22 FEB 05	3
RFI #22	22 FEB 05	4
PROPOSAL REQUEST #10	08-23-05	5

COLORADO REGISTERED
STEVEN D. DAVIS
29089
12-13-05
PROFESSIONAL ENGINEER

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

Health ONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DRAWINGS

FIRST FLOOR HVAC PLAN

DATE	10-26-04
DRAWN BY	RWW
CHK'D BY	SDF
X-REF FILE	N:\03098\M2-1.DWG

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

M2.1

D.P.A. PROJECT # 02419.00

ROOFTOP UNIT SCHEDULE (GAS FIRED HEATING & COOLING – POWER EXHAUST)

CODE	MANUFACTURER & MODEL NO.	COOLING CAPACITY					HEATING CAPACITY		SUPPLY FAN			RETURN FAN		ELECTRICAL												DIMENSIONS				REMARKS
		TOTAL MBH	SENSIBLE MBH	AMBIENT °F	ENT. EVAP. db	ENT. EVAP. wb	MBH INPUT @ S.L.	MBH OUTPUT @ ALT.	CFM	MIN. OSA CFM	TSP	ESP	CFM	TSP	VOLTS	ø	COMPRESSOR NO.	COMPRESSOR KW	COMPRESSOR RLA	COND. FLA	SF HP	SF FLA	EF HP	EF FLA	MCA	HEIGHT	LENGTH	WIDTH	WEIGHT	
RTU-1	MAMMOTH CLHBEP-1803-G1500-811-VAV	1986.0	1986.0	95°	83°	60°	1880.0	1245.0	65000	13000	3.62"	2.5"	58000	1.68"	460	3	1 2	– –	72.0 58.0 EA.	15.2	75	96.0	40	52.0	386.6	126"	616"	136"	37,000#	①②③④⑤⑥⑦⑧

① 24" HIGH ROOF CURB, UNIT HEIGHT SCHEDULED DOES NOT INCLUDES CURB ②OVERSIZE MOTOR. ③ ECONOMIZER. ④ POWER EXHAUST. ⑤ HAIL & COIL GUARDS. ⑥ NON FUSED DISCONNECT SWITCH WITH EXTERNAL HANDLE. ⑦ FUEL TYPE TO ROOFTOP UNIT SHALL BE NATURAL GAS AT A PRESSURE OF 14" W.C. (MINIMUM), PROVIDE GAS PRESSURE REDUCER AS REQUIRED.
⑧ PHOTOHELIC TYPE SMOKE DETECTOR IN SUPPLY AND RETURN AIR DUCTWORK SHALL SHUT-DOWN ROOFTOP UNIT AND ALL FAN TERMINAL UNITS ASSOCIATED WITH ROOFTOP UNIT UPON DETECTION OF SMOKE PER IMC SECTION 606 & NFPA 90A. FURNISHED AND WIRED BY E.C. AND INSTALLED BY M.C.

FAN TERMINAL UNIT SCHEDULE (ELECTRIC HEAT)

CODE	MANUFACTURER & MODEL NO.	TERMINAL UNIT TOTAL CFM	PRIMARY AIR CFM MAX	PRIMARY AIR CFM MIN	MIN. O.P. INLET S.P.	FAN CFM	FAN ESP	FAN ELECTRICAL HP	FAN ELECTRICAL VOLTS	FAN ELECTRICAL ø	FAN ELECTRICAL RPM	HEATING COIL ELECTRICAL KW	STEPS	EAT	LAT	VOLTS	ø	DIMENSIONS H	L	W	INLET	OUTLET	OPER. WEIGHT	CONTROL	REMARKS
FTU-1-1	ENVIRO-TEC VFR-EH SIZE 10	1075	860	215	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-2	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-3	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-4	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-5	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-6	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-1-7	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-1	ENVIRO-TEC VFR-EH SIZE 10	1000	800	200	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-2	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-3	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-4	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-5	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-6	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-2-7	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-1	ENVIRO-TEC VFR-EH SIZE 10	1000	800	200	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-2	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-3	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-4	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-5	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-6	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION
FTU-3-7	ENVIRO-TEC VFR-EH SIZE 10	1200	960	240	1.0"	480	0.5"	1/3	277	1	1750	6.0	SCR	60°	100°	277	1	17"	42"	45"	10"ø	14x10	200#	①	②③④⑤ PARALLEL OPERATION

① FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS. AT MAXIMUM AIRFLOW, PRIMARY AIR AND FAN SUPPLIED PLENUM AIR SHALL SUPPLY 55°F AIR TO AIR DEVICES. WHEN UNIT IS AT MINIMUM PRIMARY AIRFLOW AND SPACE TEMPERATURE CANNOT BE SATISFIED, THE ELECTRIC HEATING COIL SHALL ENERGIZE TO MAINTAIN SPACE TEMPERATURE SETPOINT. DURING UNOCCUPIED HOURS, THE UNIT'S FAN AND ELECTRIC HEATING COILS SHALL BE DE-ENERGIZED AND THE PRIMARY AIR DAMPER SHALL MODULATE TO MAINTAIN THE UNOCCUPIED SPACE TEMPERATURE SETPOINT.
② UNIT MOUNTED FUSED DISCONNECT ③ VARIABLE SPEED CONTROL ④ MINIMUM DAMPER POSITION SHALL BE 25% OF COOLING SETPOINT
⑤ INTERLOCK WITH RTU-1 DUCT DETECTOR TO SHUTDOWN ON DETECTION OF SMOKE

CABINET UNIT HEATER SCHEDULE (ELECTRIC)

CODE	MANUF. & MODEL NO.	LOCATION	MBH	ELEMENT KW	ELEMENT VOLTS	ELEMENT ø	ELEMENT AMPS	CFM	ARRANGMENT	DIMENSION L	DIMENSION W	DIMENSION HT	DIMENSION WT	CONTROL	REMARKS
CUH-1	RAYWALL T6-12	VESTIBULE WEST	41.0	12	208	3	36.3	750	HORIZ. DUCTED	66"	25"	9"	250#	WALL T'STAT	①
CUH-2	RAYWALL T4-06	VESTIBULE EAST	20.5	6	208	3	18.8	540	HORIZ. DUCTED	46"	25"	9"	150#	WALL T'STAT	①
CUH-3	RAYWALL T3-02	PASSAGEWAY 112	6.8	2	208	1	10.6	250	VERTICAL SURFACE	33"	25"	9"	110#	INTEGRAL T'STAT	①
CUH-4	RAYWALL T3-02	PASSAGEWAY 135	6.8	2	208	1	10.6	250	VERTICAL SURFACE	33"	25"	9"	110#	INTEGRAL T'STAT	①

① UNIT MOUNTED DISCONNECT

UNIT HEATER SCHEDULE (ELECTRIC)

CODE	MANUF. & MODEL NO.	MBH	ELEMENT KW	ELEMENT VOLTS	ELEMENT ø	ELEMENT AMPS	CFM	EAT	LAT	MOTOR HP	MOTOR VOLTS	MOTOR ø	MOTOR RPM	WEIGHT	CONTROL	REMARKS
UH-1	RAYWALL TASKMASTER 5103	11.3	3.3	208	1	13.7	400	60°	86°	1/125	208	1	1550	25#	WALL T'STAT	① HORIZONTAL DISCHARGE
UH-2	RAYWALL TASKMASTER 5107	25.6	7.5	208	3	9.1	700	60°	94°	1/50	208	3	1550	50#	WALL T'STAT	① HORIZONTAL DISCHARGE

① UNIT MOUNTED DISCONNECT

FAN SCHEDULE

CODE	MANUFACTURER & MODEL NO.	TYPE	SERVICE	CFM	TSP @ S.L.	RPM @ S.L.	ELECTRICAL HP	ELECTRICAL VOLTS	ELECTRICAL ø	ELECTRICAL RPM	WEIGHT	VIBRATION ISOLATION	REMARKS
EF-1	COOK 330 CPV	UTILITY	CENTRAL EXHAUST	11250	1.0"	650	5	460	3	1750	850#	NONE	① ②
EF-2	COOK 100 ACE-B	CENT. ROOF	ELEV. MACH. ROOM EXH.	750	0.5"	1550	1/4	120	1	1750	50#	NONE	③ ④
EF-3	COOK GEMINI GC-620	CEILING	1ST FLOOR ELECT. EXH.	500	0.125"	1200	233 W.	120	1	1070	30#	NONE	④ ⑤
EF-4	COOK GEMINI GC-620	CEILING	2ND FLOOR ELECT. EXH.	500	0.125"	1200	233 W.	120	1	1070	30#	NONE	④ ⑤
EF-5	COOK GEMINI GC-620	CEILING	3RD FLOOR ELECT. EXH.	500	0.125"	1200	233 W.	120	1	1070	30#	NONE	④ ⑤

① PROVIDE VARIABLE FREQUENCY DRIVE MOTOR ② CONTROL PER DDC OCCUPANCY SCHEDULE. ③ PROVIDE ROOF CURB, BACKDRAFT DAMPER, BIRDSCREEN & INTEGRAL DISCONNECT.
④ CONTROL WITH REVERSE-ACTING THERMOSTAT ⑤ PROVIDE INTEGRAL BACKDRAFT DAMPER, METAL GRILLE AND UNIT MOUNTED SPEED CONTROLLER SWITCH.

GRILLES, REGISTERS & DIFFUSERS SCHEDULE

CODE	MANUFACTURER & MODEL NO.	SERVICE	FACE SIZE	NECK SIZE	VOLUME DAMPER	MOUNTING	FINISH	MATERIAL	REMARKS
CD-1	TITUS TDC	SUPPLY	24x24	AS SHOWN	NO	LAY-IN	WHITE	STEEL	
CD-2	TITUS TDC	SUPPLY	NECK + 6"	AS SHOWN	NO	GYP. CLG.	WHITE	STEEL	
SD-1	TITUS TBD-30	SUPPLY	48x8	AS SHOWN	NO	LAY-IN	WHITE	STEEL	(4) 1" SLOTS
SG-1	TITUS 300 RL	SUPPLY	NECK + 2"	AS SHOWN	NO	SIDEWALL	WHITE	STEEL	
LD-1	TITUS CT-480	SUPPLY	NECK + 2"	70x6	NO	LAY-IN	WHITE	STEEL	
LR-1	TITUS CT-480	RETURN	NECK + 2"	70x8	NO	LAY-IN	WHITE	STEEL	
RG-1	TITUS PAR	RETURN	NECK + 2"	AS SHOWN	NO	LAY-IN	WHITE	STEEL	
EG-1	TITUS 350 RL	EXHAUST	NECK + 2"	AS SHOWN	NO	EXPOSED	WHITE	STEEL	
ER-1	TITUS 350 RL	EXHAUST	NECK + 2"	AS SHOWN	YES	GYP. CLG.	WHITE	STEEL	
ER-2	TITUS 350 RL	EXHAUST	NECK + 2"	AS SHOWN	YES	SIDEWALL	WHITE	STEEL	
TG-1	TITUS PAR	TRANSFER	NECK + 2"	AS SHOWN	NO	LAY-IN	WHITE	STEEL	
TG-2	TITUS 350 RL	TRANSFER	NECK + 2"	AS SHOWN	NO	SURFACE	WHITE	STEEL	

① PROVIDE SOUND BOOT, SEE DETAIL 1/M3.2

HIGHLIGHTED ONLY,
ALL PREVIOUS COMMENTS APPLY

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED DEC 20 2005

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET . UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

The Ballard Group, Inc.
Mechanical Consulting Engineers
(303) 988-4514

ISSUE/REVISION	DATE	NO.
50% CONSTRUCTION DOCUMENTS	21 SEP 04	
95% CONSTRUCTION DOCUMENTS	08 OCT 04	
100% CONSTRUCTION DOCUMENTS	26 OCT 04	
ADDENDUM 1	09 NOV 04	1
PROPOSAL REQUEST #2	27 DEC 04	2
PROPOSAL REQUEST #4	22 FEB 05	3
RFI #22	22 FEB 05	4
PROPOSAL REQUEST #10	06-23-05	5

COLORADO REGISTERED PROFESSIONAL ENGINEER
STEVEN D. FOSS
29089
12-13-05
PROFESSIONAL ENGINEER

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DRAWINGS

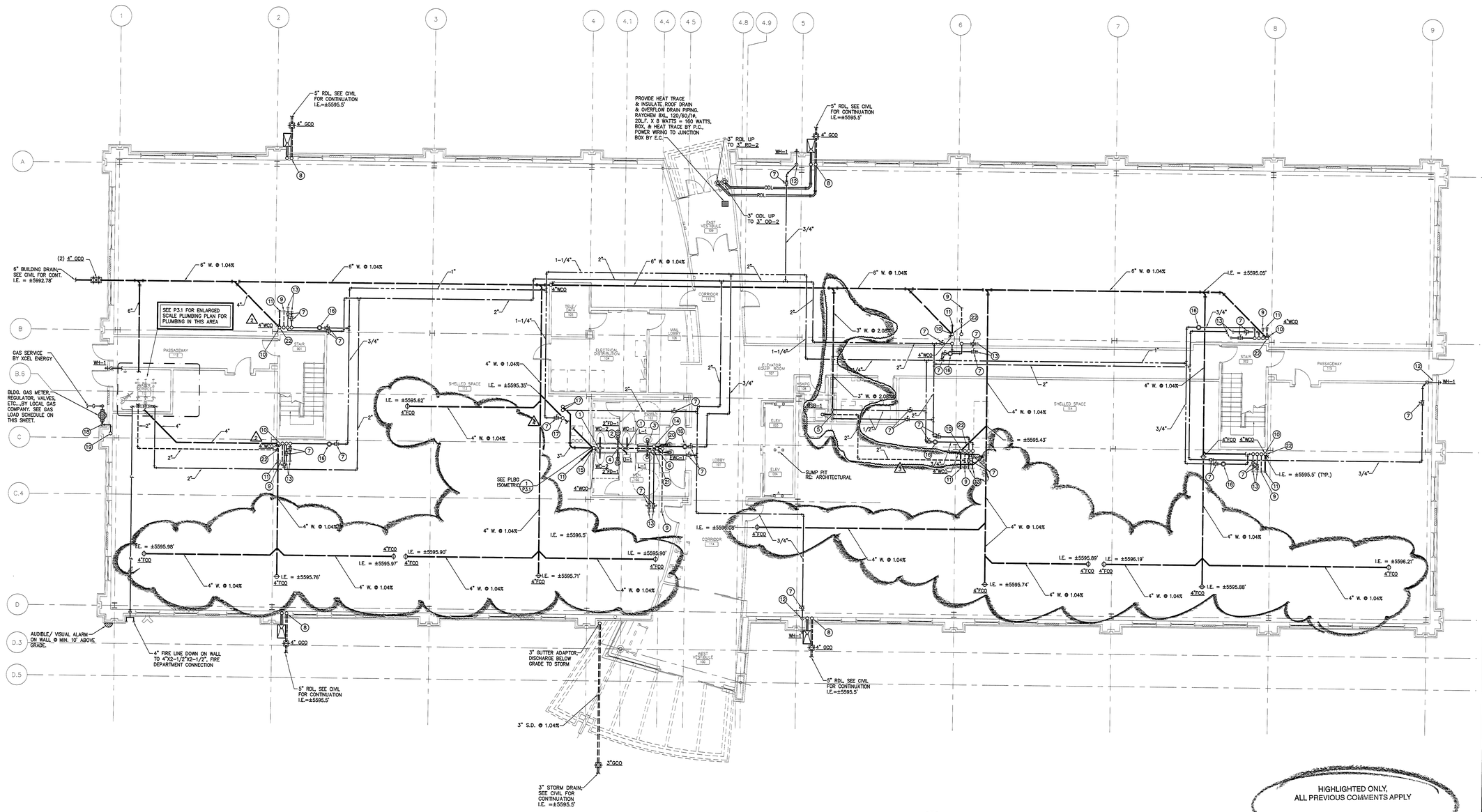
HVAC SCHEDULES
HVAC PLAN

DATE	10-26-04
DRAWN BY	RWW
CHK'D BY	SDF
X-REF FILE	N:\03098\M3-1.DWG

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:
M3.1
D.P.A. PROJECT # 02419.00

PLOT DATE: December 13, 2005 @ 9:28am
FILE LOCATION: N:\03098\M3-1.dwg, LAYOUT NAME: Layout1



PLUMBING GENERAL NOTES:

1. FIELD VERIFY EXACT LOCATION OF ALL CONNECTION POINTS PRIOR TO CONSTRUCTION.
2. ROUGH-IN AND FINAL CONNECT ALL FIXTURES, EQUIPMENT, ETC.
3. CONTRACTOR SHALL INSPECT SITE TO THOROUGHLY FAMILIARIZE HIMSELF WITH THE AREA OF WORK. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS AND ACTUAL CONDITIONS SHALL BE REPORTED TO THE ARCHITECT/ ENGINEER FOR RESOLUTION PRIOR TO BID PRICING. NO EXTRAS WILL BE ALLOWED DUE TO LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
4. ALL WORK SHALL BE PER LOCAL BUILDING AND HEALTH DEPARTMENT REQUIREMENTS.

GAS LOAD SCHEDULE

APPLIANCE	LOAD
(N) GAS WATER HEATERS (2) (396 MBH)	792 MBH
(N) RTU	1880 MBH
TOTAL	2672 MBH REQUIRED AT S.L. (2.0 PSI) M.C. TO COORDINATE GAS LOAD WITH XCEL ENERGY.

PLUMBING KEYNOTES:

1. 4" W. DOWN, 2" V. RISE, AND 1" CW TO WATER CLOSET.
2. 2" W. DOWN, 1-1/2" V. RISE, AND 3/4" CW TO URINAL.
3. 2" W. DOWN, 1-1/2" V. RISE, 1/2" HW, AND 1/2" CW TO LAVATORY.
4. 2" W. DOWN AND 2" V. RISE FROM FLOOR DRAIN.
5. 3" W. DOWN, 2" V. RISE, 1/2" HW, AND 1/2" CW TO MOP SERVICE BASIN.
6. 2" W. DOWN, 1-1/2" V. RISE, AND 1/2" CW TO ELECTRIC WATER COOLER.
7. LINE SIZE BALL VALVES ABOVE CEILING.
8. 5" RDL & 5" ODL DOWN IN WALL ON WARM SIDE OF INSULATION, 5" RDL TO TO OFFSET BELOW GRADE, 5" ODL TO OFFSET TO 5" D.S. NOZZLE @ 18" ABOVE SPLASH BLOCK.
9. 3" V. CAPPED FOR FUTURE
10. WET STACK, SEE 3/P3.1
11. 4" W. CAPPED FOR FUTURE.
12. 3/4" CW DOWN IN WALL ON WARM SIDE OF INSULATION TO 3/4" WH-1.
13. 2" CW & 1-1/4" HW CAPPED FOR FUTURE.
14. WATER RISERS, SEE 1/P3.1
15. WASTE STACK.
16. BALANCING VALVE ABOVE CEILING (BALANCE TO 2.0 GPM).
17. 3" WASTE, 1-1/4" HWC & 2" CW RISE.
18. 2" GAS W/ PLUG VALVE ON HOUSE SIDE OF METER & ENTER BUILDING MIN. 12" ABOVE GRADE.
19. 2" GAS RISE.
20. VENT STACK.
21. TOILET CORE SHUT-OFF VALVES W/ ACCESS PANEL.
22. OFFSET WASTE AROUND COLUMN BELOW GRADE.

FIRST FLOOR PLUMBING PLAN

SCALE: 1/8"=1'-0" FINISHED FLOOR ELEVATION: ±5598.5'

HIGHLIGHTED ONLY, ALL PREVIOUS COMMENTS APPLY

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED DEC 2 0 2005

PLOT DATE: December 13, 2005 @ 8:30am
FILE LOCATION: N:\03098\P2-1.dwg LAYOUT NAME: P2-1

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET, UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8980 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

The Ballard Group, Inc.
Mechanical Consulting Engineers
(303) 988-4514

ISSUE/REVISION	DATE	NO.
50% CONSTRUCTION DOCUMENTS	21 SEP 04	
95% CONSTRUCTION DOCUMENTS	08 OCT 04	
100% CONSTRUCTION DOCUMENTS	26 OCT 04	
ADDENDUM 1	09 NOV 04	1
PROPOSAL REQUEST #2	27 DEC 04	2
PROPOSAL REQUEST #4	22 FEB 05	3
RFI #22	22 FEB 05	4
PROPOSAL REQUEST #10	08-23-05	5

COLORADO REGISTERED TERRY M. DAVIS 29089 12/13/05 PROFESSIONAL ENGINEER

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

HealthONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DRAWINGS

FIRST FLOOR PLUMBING PLAN

DATE	10-26-04
DRAWN BY	SMB
CHK'D BY	TRH
X-REF FILE	N:\03098\P2-1.DWG

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

P2.1

D.P.A. PROJECT # 02419.00

GENERAL ELECTRICAL LEGEND

(Not all symbols listed below are used on these drawings)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
LIGHTING			
	RECESSED FLUORESCENT LUMINAIRE, L-Y-N		RECESS MOUNTED WALL LUMINAIRE
	RECESSED FLUORESCENT LUMINAIRE, FLANGED	PC	PORCELAIN KEYLESS LAMPHOLDER, BRYANT #5228 W/ 100W A19 LP. LAMP. "PC" INDICATES PULLCHAIN
	SURFACE OR PENDANT MOUNTED LUMINAIRE		TRACK LIGHTING
	SURFACE OR PENDANT MOUNTED STRIP OR INDUSTRIAL LUMINAIRE		EMERGENCY LIGHTING UNIT
A	SHADING INDICATES EM SYSTEM, LOWER CASE SUBSCRIPT INDICATES SWITCHING, UPPER CASE, SUBSCRIPT INDICATES LUMINAIRE TYPE (TYP)		EXIT LIGHT, ARROWS AS INDICATED, FACES INDICATED BY SHADING
	SURFACE MOUNTED CEILING LUMINAIRE (EXTERIOR BOLLARD LUMINAIRE ON SITE PLAN)		POLE MOUNTED LUMINAIRE
	SURFACE MOUNTED WALL LUMINAIRE		SPOT LIGHT
	RECESS MOUNTED CEILING LUMINAIRE		DARKROOM SAFE LIGHT (TWO COMPARTMENT SHOWN)
	RECESS MOUNTED CEILING LUMINAIRE-DIRECTIONAL		UNDERCOUNTER LIGHTING
POWER			
	SINGLE RECEPTACLE		MOTOR STARTER
	DUPLEX RECEPTACLE	PM	PLUG-MOLD (MULTI-OUTLET ASSEMBLY)
GFI	DUPLEX RECEPTACLE, GROUND FAULT PROTECTION	WM	WIREMOLD (SURFACE RACEWAY)
IG	DUPLEX RECEPTACLE, ISOLATED GROUND		CONNECTION TO PREWIRED EQUIPMENT
	DOUBLE DUPLEX RECEPTACLE		FLEXIBLE WIRING CABLE
	DUPLEX RECEPTACLE, HALF SWITCHED		CONDUIT, CONCEALED
	DUPLEX RECEPTACLE, CEILING MOUNTED		CONDUIT, EXPOSED
	DUPLEX RECEPTACLE, FLOOR MOUNTED		CONDUIT, UNDERGROUND OR CONCEALED IN FLOOR
	DOUBLE DUPLEX RECEPTACLE, FLOOR MOUNTED		CONDUIT TURNING DOWN
	SPECIAL RECEPTACLE		CONDUIT TURNING UP
	SPECIAL RECEPTACLE, FLOOR MOUNTED		CONDUIT CAPPED
T	THERMOSTAT	A-1,3,5	BRANCH CIRCUIT HOME RUN, NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS, SUBSCRIPT INDICATES PANEL & CIRCUITS
	JUNCTION BOX, WALL OR CEILING MOUNTED		GROUND BAR
J	JUNCTION BOX, FLOOR MOUNTED		ELECTRICAL PANELBOARD, CONTROL PANEL OR OTHER CABINET, AS NOTED
	FLEXIBLE WIRING DISTRIBUTION BOX		MAIN SWITCHBOARD/DISTRIBUTION CENTER
M	MOTOR	T	TRANSFORMER
	DISCONNECT SWITCH (NON-FUSED)	CT	CURRENT TRANSFORMER CABINET
	DISCONNECT SWITCH (FUSED)	M	UTILITY METER
	COMBINATION STARTER/DISCONNECT	GANN	GENERATOR ANNUNCIATOR PANEL
SWITCHING			
S_P	SINGLE POLE SWITCH (SUBSCRIPT DENOTES SWITCHING)	S_{LV}	LOW VOLTAGE SWITCH
S_2	TWO POLE SWITCH	S_{VS}	VARIABLE SPEED SWITCH
S_3	THREE-WAY SWITCH	S_{EP}	EXPLOSION PROOF SWITCH
S_4	FOUR-WAY SWITCH	S_{TO}	THERMAL OVERLOAD SWITCH
S_K	KEY OPERATED SWITCH	S_{MC}	MOMENTARY CONTACT SWITCH
S_M	MANUAL SWITCH, HORSEPOWER RATED		COMBINATION SWITCH AND DUPLEX RECEPTACLE
S_D	DIMMER SWITCH	P	PHOTOCELL CONTROL
S_P	SWITCH WITH PILOT LIGHT (PILOT LIGHT IS "ON" WHEN SWITCH IS "ON")		PUSHBUTTON
S_P	SWITCH WITH PILOT LIGHT LOCATOR (CONTINUOUSLY LIGHTED HANDLE)	TC	TIME CLOCK
			OCCUPANCY SENSOR
REFERENCE SYMBOLS			
	DETAIL NOTE REFERENCE		EXISTING TO REMAIN
	KITCHEN EQUIPMENT REFERENCE		EXISTING TO BE REMOVED
	MECHANICAL EQUIPMENT REFERENCE		EXISTING TO BE RELOCATED
			EXISTING TO REMAIN – REPLACE DEVICE

ABBREVIATIONS			
A	AMPERES	MCP	MOTOR CIRCUIT PROTECTOR
AC	ABOVE COUNTER, MOUNT HORIZONTALLY TO CENTERLINE OF DEVICE=6" ABOVE COUNTER OR BACK SPLASH	MEC	SEE MECHANICAL EQUIPMENT SCHEDULE
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AFG	ABOVE FINISHED GRADE	MLO	MAIN LUGS ONLY
ANN	ANNUNCIATOR	MTS	MANUAL TRANSFER SWITCH
ARF	ABOVE RAISED FLOOR	NC	NORMALLY CLOSED
ASSD	AIR SAMPLING SMOKE DETECTION	NIC	NOT IN CONTRACT
ATS	AUTOMATIC TRANSFER SWITCH	NL	NIGHT LIGHT
BFG	BELOW FINISHED GRADE	NO	NORMALLY OPEN
C	CONDUIT	NTS	NOT TO SCALE
CATV	CABLE TELEVISION	OC	ON CENTER
CB	CIRCUIT BREAKER	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
CCTV	CLOSED CIRCUIT TELEVISION	OFOI	OWNER FURNISHED, OWNER INSTALLED
(E)	EXISTING	OSWF	ON SITE WORK FORCE
EM	EMERGENCY	PB	PULL BOX
EMDC	EMERGENCY MAIN DISTRIBUTION CENTER	SB	STAND-BY
EP	EXPLOSION PROOF	SDC	SUB-DISTRIBUTION CENTER
EPO	EMERGENCY POWER OFF	TP	TAMPER PROOF
EVO	EMERGENCY VENTILATION ON/OFF	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
EWC	ELECTRIC WATER COOLER	TYP	TYPICAL
FA	FIRE ALARM	UF	UNDER FLOOR
G	GROUND	UG	UNDER GROUND
GCP	GENERATOR CONTROL PANEL	UON	UNLESS OTHERWISE NOTED
GFI	GROUND FAULT INTERRUPTING	UPS	UNINTERRUPTABLE POWER SUPPLY
HOA	HAND OFF AUTOMATIC	V	VOLTS
IG	ISOLATED GROUND	VFD	VARIABLE FREQUENCY DRIVE
MAX	MAXIMUM	W/	WITH
MCB	MAIN CIRCUIT BREAKER	W/O	WITHOUT
MCC	MOTOR CONTROL CENTER	WP	WEATHER PROOF
MDC	MAIN DISTRIBUTION CENTER	XFMR	TRANSFORMER

SYSTEMS LEGEND

(Not all symbols listed below are used on these drawings)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	TELEPHONE TERMINAL CABINET		COMBINATION CLOCK/SPEAKER OUTLET
	TELEPHONE TERMINAL BACKBOARD	W	PAGING SYSTEM SPEAKER 'W' INDICATES MUSIC SYSTEM ONLY
	TELEPHONE OUTLET W=WALL, P=PAY		VOLUME CONTROL
TP	TELEPHONE OUTLET, FLOOR MOUNTED		MICROPHONE STATION
TP	TELEPHONE/POWER POLE		INTERCOM STATION
	DATA OUTLET		DOOR CONTACT
	DATA OUTLET, FLOOR MOUNTED	CR	CARD READER
MD	COMBINATION TELEPHONE/DATA OUTLET	M/R/US	MOTION DETECTOR M=INFRARED, US=ULTRASONIC, IR/US=COMBINATION
TD	COMBINATION TELEPHONE/DATA OUTLET, FLOOR MOUNTED		SECURITY CAMERA
	BELL	ES	ELECTRIC DOOR STRIKE
	CHIME	SCP	SECURITY CONTROL PANEL
	BUZZER	ML	MAGNETIC DOOR LOCK
	TELEVISION OUTLET	GB	GLASS BREAK DETECTOR
	CLOCK OUTLET	KP	KEYPAD
			BEACON B=BLUE, R=RED

FIRE ALARM SYSTEM LEGEND

(Not all symbols listed below are used on these drawings)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
FACP	FIRE ALARM CONTROL PANEL	RDU	REMOTE DISPLAY UNIT
ANN	FIRE ALARM ANNUNCIATOR PANEL	ASSD	AIR SAMPLING SMOKE DETECTOR
GZM	GRAPHIC ZONE MAP		AIR SAMPLING POINT
F	FIRE ALARM SYSTEM DEVICE (ANY TYPE)	F IR	REMOTE INDICATOR LIGHT
F M	MANUAL PULL STATION	F FR	FAN SHUT DOWN RELAY
F I/PE	FIRE ALARM DETECTOR I=IONIZATION, PE=PHOTOELECTRIC	F DH	DOOR HOLDER, MAGNETIC
F HT(R)	THERMAL DETECTOR 'H'=FIXED TEMPERATURE, TR=FIXED TEMPERATURE & RATE OF RISE (TEMP. RATING)		SPRINKLER FLOW FIRE ALARM
F I/V/R	FLAME DETECTOR UV=ULTRAVIOLET, IR=INFRARED	F TS	SPRINKLER TAMPER SWITCH
F D/R	DUCT SMOKE DETECTOR S=SUPPLY, R=RETURN	F FS	SPRINKLER FLOW SWITCH
F	BEAM TYPE SMOKE DETECTOR – TRANSMITTER		FIRE ALARM VOICE EVACUATION SPEAKER 'S' INDICATES RISER CIRCUIT DESIGNATION
F	BEAM TYPE SMOKE DETECTOR – RECEIVER		FIRE ALARM VOICE EVACUATION SPEAKER (W/STROBE) 'S' INDICATES RISER CIRCUIT DESIGNATION
F	FIRE ALARM STROBE	F J/K	TELEPHONE JACK F=FIREMAN'S, W=WARDEN'S
F H	FIRE ALARM HORN	F MM	FIRE ALARM MONITOR MODULE
F C	FIRE ALARM CHIME	F CM	FIRE ALARM CONTROL MODULE
F H/S	FIRE ALARM DEVICE, H/S=HORN/STROBE COMBINATION, S/S=SPEAKER/STROBE COMBINATION, C/S=CHIME/STROBE COMBINATION	EOLR	END OF LINE RESISTOR
F RTS	DUCT SMOKE DETECTOR REMOTE INDICATOR LIGHT AND REMOTE TEST STATION	FSD	INDICATES A FIRE ALARM DEVICE CONTROLLING A FIRE/SMOKE DAMPER

ONE-LINE DIAGRAM LEGEND

(Not all symbols listed below are used on these drawings)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DISCONNECT SWITCH	A	PANELBOARD "A"
	DISCONNECT SWITCH, FUSED	DM	DIGITAL METERING PANEL
	CIRCUIT BREAKER	VS	VOLTMETER TEST SWITCH
	FUSE	AS	AMMETER TEST SWITCH
	GROUND	V	VOLTMETER
##	STEP DOWN TRANSFORMER, ## INDICATES KVA	A	AMMETER
##	K-RATED STEP DOWN TRANSFORMER, ## INDICATES KVA	XFMR	SEE TRANSFORMER SCHEDULE FOR FEEDER SIZE
	CURRENT TRANSFORMER	MEC	SEE MECHANICAL EQUIPMENT SCHEDULE FOR BREAKER/FEEDER SIZE
	POTENTIAL TRANSFORMER	FEDR	SEE FEEDER SCHEDULE FOR FEEDER SIZE
	SERVICE ENTRANCE TRANSFORMER	G	ENGINE GENERATOR
M	UTILITY METER		CONTACTOR/RELAY/CAPACITOR (AS NOTED)
	EQUIPMENT ENCLOSURE		TRANSFER SWITCH – ATS=AUTOMATIC, MTS=MANUAL
	SERVICE WEATHERHEAD	GFI	GROUND FAULT INTERRUPTER
	SHORT CIRCUIT CURRENT AVAILABLE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSER
	KIRK KEY INTERLOCK, SUBSCRIPT INDICATES INTERLOCKED GROUP	ST	SHUNT TRIP
	ELECTRICAL INTERLOCK, SUBSCRIPT INDICATES INTERLOCKED GROUP		TERMINATIONS LB=LOAD BREAK, NLB=NO LOAD BREAK
	MECHANICAL INTERLOCK		DRAW-OUT DEVICE
EO	ELECTRICALLY OPERATED		PLUG-IN DEVICE

LIGHTNING PROTECTION SYSTEM LEGEND

(Not all symbols listed below are used on these drawings)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AIR TERMINAL		INSPECTION SLEEVE
	GROUND ROD		GROUND ROD WITH INSPECTION SLEEVE
	BOND TO LIGHTNING PROTECTION CONDUCTOR	L	LIGHTNING PROTECTION CONDUCTOR
			BURIED LIGHTNING PROTECTION CONDUCTOR

NURSE CALL LEGEND

(Not all symbols listed below are used on these drawings)

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
1	SINGLE PATIENT STATION	PB E	EMERGENCY STATION PC=PULL CORD, PB=PUSHBUTTON
2	DOUBLE PATIENT STATION	H	DOME LIGHT, WALL MOUNTED
S	STAFF STATION		DOME LIGHT, CEILING MOUNTED
D	DUTY STATION	E	ELAPSE TIME CLOCK
M	MASTER STATION	R	TIME CLOCK REMOTE CONTROL
CB	CODE BLUE STATION	P S	PRESENCE STATION
NCAP	NURSE CALL ANNUNCIATOR PANEL	NCPP	NURSE CALL POWER PANEL

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	LAMPS	VOLT AMPS	MANUFACTURER	CATALOG NO.	VOLTAGE	FINISH	MOUNTING	RECESS
F1	2'X2' RECESSED DIRECT/INDIRECT RECESSED WITH BIAX LAMPS AND ELECTRONIC BALLAST CORRIDORS, TOILETS	2-FT40DL/835	90	LITHONIA COLUMBIA	AV 2 GT40 MDR 277 GEB10 STR-22-3-40TT-G-MPO-EBTT-277	277	WHITE	GRID	9-1/2"
F1E	SAME AS F1 WITH EMERGENCY BATTERY BALLAST CAPABLE OF 900 LUMEN OUTPUT	2-FT40DL/835	90	LITHONIA COLUMBIA	AV 2 GT40 MDR 277 GEB10 STR-22-3-40TT-G-MPO-EBTT-277	277	WHITE	GRID	9-1/2"
F2	6" DIAMETER FLUORESCENT DOWN LIGHT W ELECTRONIC BALLAST CORRIDORS	2-CF26DD/E/835	60	LITHONIA PRESCOLITE	AF7 -2/26TT-6AR-277-GEB CFTR3HE9-STF602G	277	--	RECESS	8"
F2E	SAME AS F2 W EMERGENCY BATTERY BALLAST	2-CF26DD/E/835	60	LITHONIA PRESCOLITE	AF7 -2/26TT-6AR-277-GEB CFTR3HE9-STF602G	277	--	RECESS	8"
F3	FLUORESCENT WALL SCONCE W ELECTRONIC BALLAST CORRIDORS	1-13MDF	20	ESTELUZ MINONA	A-800IF 4623-F-277-OA-BSS-STD	277	BY ARCH	WALL SURFACE	--
F4	RECESSED PERIMETER COVE LUMINAIRE PARABLOOK LOUVER, ELECTRONIC BALLAST TOILETS	2-T032/835	70	LITHONIA ALERA	RP 2 T8 SS 277 GEB 10 RS-PBLUD AL-218-P-R-LD-EBB-277-S	277	--	RECESS	6"
F4E	SAME AS F4 W EMERGENCY BATTERY BALLAST CAPABLE OF 900 LUMEN OUTPUT	2-T032/835	70	LITHONIA ALERA	RP 2 T8 SS 277 GEB 10 RS-PBLUD AL-218-P-R-LD-EBB-277-S	277	--	RECESS	6"
F5E	WALL BRACKET FLUORESCENT UP/DOWN LUMINAIRE W EMERGENCY BATTERY BALLAST CAPABLE OF 900 LUMENS – STAIRWELLS	2-T032/735	70	LITHONIA COLUMBIA	WC-2-32-12135-277-EL WH-232-EBB-277-EM	277	WHITE	WALL SURFACE	--
F6	OPEN FLUORESCENT STRIP – CHAIN MOUNT WITH ELECTRONIC BALLAST SHELL, UTILITY SPACES	2-T032/735	70	LITHONIA COLUMBIA	C-2-32-277-GEB-HC CS4-232-EBB-277	277	--	CHAIN	--
F6E	SAME AS F6 W EMERGENCY BATTERY BALLAST CAPABLE OF 900 LUMENS	2-T032/735	70	LITHONIA COLUMBIA	C-2-32-277-GEB-HC-EL CS4-232-EBB-277-EM	277	--	CHAIN	--
F6A	SAME AS F6 WITH BATTERY BACKED BALLAST – 120V ELEVATOR EQUIPMENT ROOM	2-T032/735	70	LITHONIA COLUMBIA	C-2-32-120-GEB-HC CS4-232-EBB-277-EM	120	--	CHAIN	--
F7	18" DIAMETER DECORATIVE SEMI FLUSH MOUNT MOUNTED LUMINAIRE	1- 75W A19	75	LOUIS POULSEN	PH3/3-P/V/75W/A-19 /F medium/120V/GLASS	120	GLASS	PENDANT	PER ARCH
F8	4" COVE MOUNTED LUMINAIRE W DIRECTIONAL REFLECTOR AND ELECTRONIC BALLAST CORRIDORS	2-FT032/835	70	LITHONIA COLUMBIA	S-2-32-277-GEB-EL W SARS-48 REFLECTOR NS-10320CT	277	--	ARCH COVE	--
F8E	SAME AS F8 WITH EMERGENCY BALLAST CAPABLE OF 900 LUMENS	2-FT032/835	70	LITHONIA COLUMBIA	S-2-32-277-GEB-EL W SARS-48 REFLECTOR NS-10320CT	277	--	ARCH COVE	--
F9	2'X4' RECESSED TROFFER WITH ACRYLIC LENS AND ELECTRONIC BALLAST	3-FT032/735	105	LITHONIA COLUMBIA	2SPB-G-332-A12125-MVOLT-1/3-GEB-PMS1836 -LP735 STB-24-3230-FSXEBBUH-277	277	--	2X4 GRID	4-1/2"
F10	3' COVE MOUNTED LUMINAIRE W DIRECTIONAL REFLECTOR AND ELECTRONIC BALLAST CORRIDORS	2-FT025/835	70	LITHONIA COLUMBIA	S-2-25-277-GEB W SARS-48 REFLECTOR NS-10250CT	277	--	ARCH COVE	--
H1	WALL MOUNTED DIRECT/INDIRECT UPLIGHT CANOPY	1-M70/C/U/MED	95	WINDIRECT	P3-MSW-M70-277V-MS3-SDW -PG-STD	277	BY ARCH	SURFACE	
H2	WALL MOUNTED METAL HALIDE WALL SCONCE COLUMNS	1-M50/C/U/MED		STANZA	5301-ML-20-M150-277-LBPS-MB-STD	277	BY ARCH	SURFACE	--
WP1	BUILDING MOUNTED ARCHITECTUAL WALLPACK	1-175W MHG	200	LITHONIA COLUMBIA	WSR175M FT 277 DDBT	277	BRONZE	SURFACE	--
X2A	SINGLE FACE EXIT SIGN W BATTERY BACKUP AND UNIVERSAL MOUNTING	INTEGRAL	3	LITHONIA DUAL LIT	LE-S-W-1-R-120/277 SESOWE	277	GREEN ON WHITE	SURFACE	--

NOTES:

1. CATALOG NUMBER REFERS TO FIRST NAME LISTED UNDER MANUFACTURER PER LUMINAIRE TYPE. REMAINING MANUFACTURERS LISTED ARE CONSIDERED EQUIVALENT PRODUCTS FOR THIS PROJECT AND SHALL MEET ALL CRITERIA LISTED INCLUDING THAT CALLED FOR BY THE SPECIFIC LUMINAIRE CATALOG NUMBER. CATALOG NUMBERS DO NOT NECESSARILY REPRESENT COMPLETE CATALOG NUMBERS. ALL ITEMS LISTED IN THE DESCRIPTION SHALL BE PROVIDED.
2. ALL LIGHTING REQUIRING A BALLAST SHALL BE PROVIDED WITH HIGH POWER FACTOR BALLAST.
3. ALL LENSES LISTED AS .125" MINIMUM SHALL BE 9.1 oz/sq ft.
4. PROVIDE QUANTITY OF BALLASTS FOR INDIVIDUAL LUMINAIRES AS REQUIRED TO ACCOMMODATE SWITCHING ARRANGEMENTS AS SHOWN ON THE DRAWINGS.
5. ALL DIMMER BALLASTS SHALL BE LUTRON.

MECHANICAL EQUIPMENT SCHEDULE

KEY	ITEM	MOTORS HP	MOTORS FLA	OTHER WATTS	EQUIV. LD (VA)	VOLTAGE VLTS	PH	SETS	FEEDER SIZE	°C	PROTECTION BREAKER	DISC. SW.	FUSE	DISC. SW.	FUSE	REMARKS
RTU-1	ROOF TOP UNIT		386.6		321,413	480	3	2	3 # 350 ,1 # 1 G	2 1/2	600 A 3 P					1
ITU	FAN TERMINAL UNIT	1/3		6000	6,859	277	1	1	2 # 8 ,1 # 10 G	1	40 A 1 P					3
CUH-1	CABINET UNIT HEATER			6000	6,000	208	3	1	3 # 12 ,1 # 12 G	3/4	20 A 3 P					3
CUH-2	CABINET UNIT HEATER			6000	6,000	208	3	1	3 # 12 ,1 # 12 G	3/4	20 A 3 P					3
CUH-3	CABINET UNIT HEATER			2122	2,122	208	1	1	2 # 12 ,1 # 12 G	3/4	15 A 2 P					3
CUH-4	CABINET UNIT HEATER			6000	6,000	208	3	1	3 # 12 ,1 # 12 G	3/4	20 A 3 P					3
UH-1	UNIT HEATER			3300	3,300	208	1	1	2 # 12 ,1 # 12 G	3/4	20 A 2 P					3
UH-2	UNIT HEATER			7500	7,500	208	3	1	3 # 10 ,1 # 10 G	3/4	25 A 3 P					3
ELEV-P	PASSENGER ELEVATOR	40			43,232	480	3	1	3 # 2 ,1 # 8 G	1 1/4	90 A 3 P			100 A 3 P	75	4
ELEV-P	PASSENGER ELEVATOR	40			43,232	480	3	1	3 # 2 ,1 # 8 G	1 1/4	90 A 3 P			100 A 3 P	75	4
EF-1	EXHAUST FAN – ROOF	5			6,319	480	3	1	3 # 12 ,1 # 12 G	3/4	15 A 3 P			30 A 3 P	10	1
EF-2	EXHAUST FAN – ELEV MACH RM (ROOF)	1/4			696	120	1	1	2 # 12 ,1 # 12 G	3/4	20 A 1 P					5
EF-3	EXHAUST FAN – 1ST FL ELEC ROOM			233	233	120	1	1	2 # 12 ,1 # 12 G	3/4	20 A 1 P					5
EF-4	EXHAUST FAN – 2ND FL ELEC ROOM			233	233	120	1	1	2 # 12 ,1 # 12 G	3/4	20 A 1 P					5
EF-5	EXHAUST FAN – 3RD FL ELEC ROOM			233	233	120	1	1	2 # 12 ,1 # 12 G	3/4	20 A 1 P					5
PP-1	CIRC PUMP	2/5			864	120	1	1	2 # 12 ,1 # 12 G	3/4	20 A 1 P					5
CWH-1	WATER HEATER	1/3			864	120	1	1	2 # 12 ,1 # 12 G	3/4	20 A 1 P					5

NOTES:

1. VSC (VARIABLE SPEED CONTROLLER) WITH LOCAL DISCONNECT FURNISHED WITH EQUIPMENT.
2. COMBINATION STARTER/DISCONNECT.
3. UNIT PROVIDED WITH INTEGRAL DISCONNECTING MEANS.
4. PROVIDE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE.
5. PROVIDE THERMAL OVERLOAD SWITCH.

TRANSFORMER SCHEDULE

KEY (6)	HV FLA 480 V	LV FLA 208 V	HV PROT (1) CCT BRKR	HV PROT (1) SWITCH	HV PROT (1) FUSE	HIGH VOLTAGE FEEDER (3) CONDUCTORS	°C	LV PROT (2) CCT BRKR	LV PROT (2) SWITCH	LV PROT (2) FUSE	LOW VOLTAGE FEEDER (3) CONDUCTORS	°C	GROUNDING (4) CND/RS	°C	DIMENSIONS (5) HIGH	WIDE	DEEP	WEIGHT (5)	BTUH OPT (5)	REMARKS
T112.5	135.3	312.3	175 A 3 P	200 A 3 P	FRS-R- 175	3 # 2/0 ,1 # 6 G	2	400 A 3 P	400 A 3 P	FRN-R- 400	4 # 500 ,1 # 3 G	3-1/2	1 # 1/0	3/4	42.00	36.00	24.00	1050	14830	

NOTES:

1.) PRIMARY O.C. PROTECTION PER NEC 450-3 (b) (1)
2.) SECONDARY O.C. PROTECTION PER NEC 450-3 (b) (2)
3.) ALL CONDUCTORS ARE COPPER. SEE PLANS FOR INCREASED CONDUCTOR SIZES DUE TO VOLTAGE DROP ETC.
4.) BONDING AND GROUNDING CONDUCTOR PER NEC 250-66-1999
5.) DIMENSIONS, WEIGHTS & BTUH OUTPUT SHOWN ARE FOR REFERENCE ONLY. ACTUAL DIMENSIONS MAY VARY FROM MANUFACTURER TO MANUFACTURER.
6.) BRANCH CIRCUITS TO HAVE A DEDICATED NEUTRAL FOR EACH CIRCUIT ON K-RATED TRANSFORMERS.
7.) FOR K-RATED TRANSFORMERS, PROVIDE PARALLEL NEUTRAL CONDUCTORS LUGS AT TRANSFORMERS, LOW VOLTAGE PANELBOARD, DISCONNECTS OR LOAD.

This sheet of drawings has not been reviewed for code compliance.

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET, UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.

MedCap PROPERTIES

CONSULTING MECHANICAL/ELECTRICAL ENGINEERS
1550 DOVER STREET, SUITE 2
LAKEWOOD, COLORADO 80215
303.232.6200 F.303.233.3701

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEPT04	
95% CONST. DOCUMENTS	08OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
~~PROPOSAL REQUEST #4~~ 1 CHANGE	12JAN05	1
PR 12	30SEP05	

COLORADO REGISTERED JOHN P. HUDDY 19781 PROFESSIONAL ENGINEER

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

Health ONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

ELECTRICAL LEGEND AND SCHEDULES

DATE	23 FEB 05
DRAWN BY	IPD
CHK'D BY	CAB
X-REF FILE	P-LEG

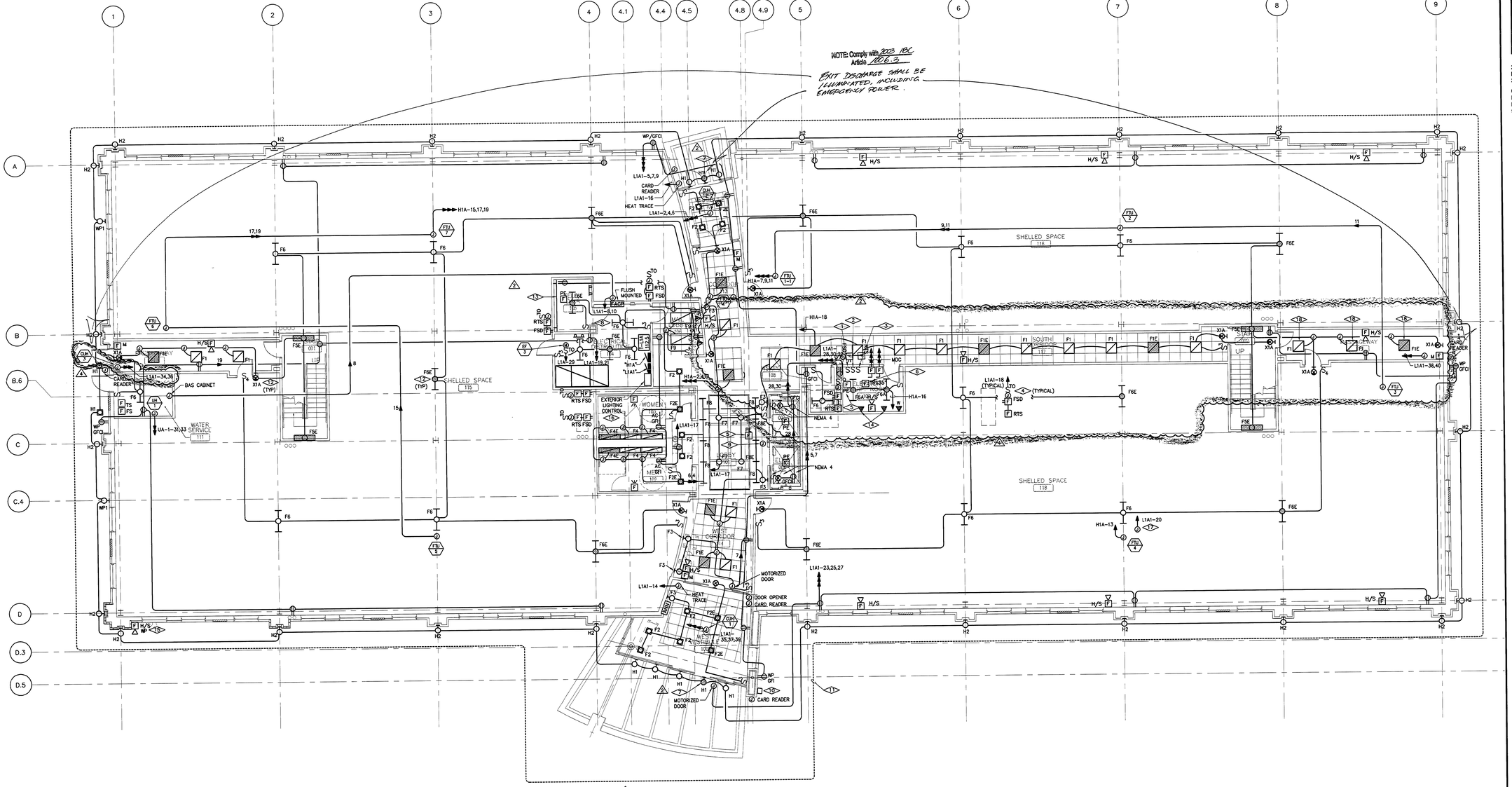
COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

E1.1

D.P.A. PROJECT # 02419.00

Cator, Ruma & Assoc. FILENAME:P:\HEALTH ONE\MEDICAL CENTER OF AURORA\2003-264 MEDICAL CENTER OF AURORA MOB\CAD\13\ELEC\P-LEG.DWG _ E1.1 PLOT: 12/15/2005 @ 1:58pm REV: 02/23/2005 CAD: GTA XREF: tb.dwg tb-a.dwg



FIRST FLOOR ELECTRICAL PLAN

SCALE: 1/8"=1'-0"

GENERAL NOTES:

1. WORK INCLUDED IN THE CONTRACT IS DENOTED IN BOLD. EXISTING CONDITIONS TO REMAIN ARE DENOTED LIGHTLY.
2. PROTECT STRUCTURE AND OWNER EQUIPMENT FROM DAMAGE. IMMEDIATELY REPLACE OR REPAIR, TO ORIGINAL CONDITION, DAMAGE CAUSED BY THE CONTRACTOR WHETHER EQUIPMENT APPEARS TO BE CURRENTLY IN USE OR NOT, UNLESS WRITTEN AUTHORIZATION FROM THE OWNER INDICATED OTHERWISE. PREPARE LISTING OF ALL EXISTING DAMAGED ITEMS AND SUBMIT TO OWNER PRIOR TO BEGINNING WORK.
3. INSTALL CONDUIT CONCEALED IN FINISHED AREAS UNLESS OTHERWISE NOTED. PAINT EXPOSED CONDUIT TO MATCH EXISTING FINISHES WITHIN THE SURROUNDING AREA.
4. DO NOT ROUTE CONDUIT WITHIN STRUCTURAL OR TOPPING SLABS OF FLOORS UNLESS SPECIFICALLY NOTED OTHERWISE AND WRITTEN APPROVAL IS OBTAINED FROM THE STRUCTURAL ENGINEER.
5. FIRE SEAL ALL FIRE RATED WALL AND FLOOR PENETRATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE RATED WALLS.
6. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
7. FIELD LOCATE EXISTING UNDERGROUND PUBLIC AND OWNER UTILITIES OF ALL TRADES AND BUILDING GROUNDING/LIGHTNING PROTECTION SYSTEMS PRIOR TO ANY EXCAVATION. REPLACE OR REPAIR DAMAGED UTILITIES AND GROUNDING/LIGHTNING PROTECTION SYSTEMS TO ORIGINAL CONDITION.
8. PROVIDE SEPARATE INSULATED GROUNDING CONDUCTOR IN ALL FEEDER, HOMERUN AND BRANCH CIRCUITS.

ELECTRICAL PLAN NOTES:

1. MAKE ALL FINAL ELECTRICAL CONNECTIONS TO EQUIPMENT REQUIRING ELECTRICAL CONNECTION. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ALL MECHANICAL AND OTHER EQUIPMENT INCLUDED IN THIS PROJECT.
2. PROVIDE FUSES SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.
3. DISCONNECT SWITCH LOCATIONS ARE SHOWN DIAGRAMMATICALLY AND SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS TO SUIT EQUIPMENT AND SPACE. DISCONNECT SWITCHES SHALL BE WITHIN SIGHT OF THE EQUIPMENT THEY SERVE AND MOUNTED AT 6'-5", MAXIMUM, TO TOP OF CABINET. MAINTAIN NEC WORK SPACE REQUIREMENTS.
4. RECEPTACLES INDICATED TO BE MOUNTED ABOVE COUNTER ARE TO BE MOUNTED HORIZONTALLY 6" ABOVE COUNTER.
5. PROVIDE 4" SQUARE OUTLET BOX, SINGLE GANG MUD RING AND BLANK SINGLE GANG COVER PLATE FOR ALL INDIVIDUAL TELEPHONE, DATA, COMBINATION TELE/DATA AND TELEVISION OUTLETS. ROUTE 1" CONDUIT WITH PULL WIRE TO 6" ABOVE ACCESSIBLE CEILING. PROVIDE INSULATED THROAT CONNECTOR ON CONDUIT END.
6. COORDINATE AND VERIFY EXACT MOUNTING LOCATIONS OF WALL AND FLOOR DEVICES WITH ARCHITECTURAL ELEVATIONS, AND ANY FURNITURE OR SPECIALTY EQUIPMENT SUPPLIER DRAWINGS PRIOR TO ROUGH-IN.
7. COORDINATE EXACT REQUIREMENTS AND LOCATIONS OF MECHANICAL EQUIPMENT WITH MECHANICAL DRAWINGS AND MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
8. PROVIDE HOSPITAL GRADE RECEPTACLES IN CORRIDORS.
9. NO RECEPTACLES SHALL BE MOUNTED BELOW +18" AFF.
10. REFER TO ARCHITECTURAL ELEVATIONS AND REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS OF DEVICES AND LUMINAIRES.
11. COORDINATE LUMINAIRE LOCATIONS WITH MECHANICAL PIPING, DUCTWORK, ETC. TO AVOID CONFLICTS. SEE SPECIFICATION FOR COORDINATION REQUIREMENTS.
12. CEILING MOUNT FIRE ALARM REMOTE INDICATORS/TEST SWITCH NEXT TO DUCT DETECTOR.
13. LOCATE SMOKE DETECTORS PER NFPA 72 AND MANUFACTURERS REQUIREMENTS. THE LOCATIONS OF SMOKE DETECTORS ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. DETECTORS SHALL NOT BE PLACED WITHIN 3'-0" OF ANY CEILING MOUNTED HVAC SUPPLY AIR DEVICE.
14. PROVIDE ANNUNCIATOR. SUBMIT TO ENGINEER AND BUILDING/FIRE DEPARTMENT(S) FOR REVIEW PRIOR TO INSTALLATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

DETAIL NOTES THIS SHEET:

1. PROVIDE LOCKABLE SNAP SWITCH FOR CAB LIGHTING RECEPTACLE POWER. PROVIDE 20A CIRCUIT L1A1-22.
2. PROVIDE LOCKABLE SNAP SWITCH FOR CAB VENTILATION POWER. PROVIDE 20A CIRCUIT L1A1-24.
3. PROVIDE LOCKABLE SNAP SWITCH FOR CAB HVAC POWER. PROVIDE 20A CIRCUIT L1A1-26.
4. FIRE/SMOKE DAMPER CONTROLLED BY ASSOCIATED DUCT DETECTOR. CONNECT TO FIRE/SMOKE CONTROL SYSTEM SEE "TYPICAL FIRE/SMOKE DAMPER CONTROL WIRING DIAGRAM".
5. SMOKE DETECTOR TO INITIATE ELEVATOR RECALL TO THE PRIMARY RECALL FLOOR. SMOKE DETECTOR ACTIVATED AT PRIMARY RECALL FLOOR SHALL INITIATE RECALL TO SECONDARY RECALL FLOOR.
6. HEAT DETECTOR TO INITIATE ELEVATOR EQUIPMENT SHUTDOWN VIA SHUNT TRIP OF ELEVATOR EQUIPMENT CIRCUIT BREAKER. PROVIDE ELEVATOR CIRCUIT BREAKER SHUNT TRIP COIL COMPATIBLE WITH FIRE ALARM CONTROL MODULE.
7. PROVIDE 90 MINUTE EMERGENCY BATTERY BALLAST. ⚠2
8. NOT USED.
9. PROVIDE BOX AND CONDUIT ROUGH IN FOR ELEVATOR CALL BUTTON PER ELEVATOR SUPPLIER REQUIREMENTS. COORDINATE FINAL LOCATION WITH ARCHITECT.
10. PROVIDE FIRE ALARM KNOX BOX. COORDINATE FINAL LOCATION WITH FIRE MARSHALL.
11. PROVIDE #2 GROUND RING FOR LIGHTNING PROTECTION SYSTEM. PROVIDE GROUND RODS AT EACH DOWN LEAD.
12. CIRCUIT EMERGENCY LIGHT TO UNSWITCHED LEG OF LIGHTING CIRCUIT.
13. PROVIDE FIRE TREATED TELEPHONE BACKBOARD PER SPECIFICATION REQUIREMENTS.
14. PROVIDE TELEPHONE OUTLET FOR ELEVATOR CONTROLLER REMOTE DIAGNOSTICS. COORDINATE FINAL LOCATION WITH ELEVATOR EQUIPMENT INSTALLER.
15. LOCATE WITHIN 10'-0" OF WATER ENTRY INTO BUILDING.
16. PROVIDE WATT STOPPER ELC TYPE LIGHTING CONTROL PANEL WITH PHOTOCELL CONTROL OR APPROVED EQUIVALENT. MOUNT PHOTOCELL ON ROOF AND ORIENT NORTH. PROVIDE UNIT WITH 6 CONTACTORS.
17. PROVIDE 120V CONNECTION TO VAV CONTROL POWER TRANSFORMER. COORDINATE FINAL LOCATION WITH CONTROLS CONTRACTOR.
18. PROVIDE FLANGED TROFFER FOR HARD CEILING. ⚠2

HIGHLIGHTED ONLY,
ALL PREVIOUS COMMENTS APPLY

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE APPROVED DEC 20 2005

Davis Partnership Architects
2301 BLAKE ST., STE. #100
DENVER, COLORADO 80205
303.861.8555 F.303.861.3027
0137 MAIN STREET , UNIT C106
POST OFFICE BOX 2711
EDWARDS, COLORADO 81632
970.926.8960 F.970.926.8961

weyland enterprises, inc.
MedCap PROPERTIES

CONSULTING MECHANICAL/ELECTRICAL ENGINEERS
1550 DOVER STREET, SUITE 2
LAKEWOOD, COLORADO 80215
303.232.6200 F.303.233.3701

ISSUE/REVISION	DATE	NO.
DESIGN DEVELOPMENT	17NOV03	
50% CONST. DOCUMENTS	21SEPT04	
95% CONST. DOCUMENTS	08OCT04	
CONSTRUCTION DOCUMENTS	26OCT04	
ADDENDUM #1	13JAN05	1
PROPOSAL REQUEST #1	08DEC04	2
PROPOSAL REQUEST #3	14JAN05	3
PROPOSAL REQUEST #4	22FEB05	4

COLORADO REGISTERED PROFESSIONAL ENGINEER
No. 19781
DEC 19 2005

MEDICAL CENTER OF AURORA SOUTH
AURORA, COLORADO

Health ONE

MEDICAL OFFICE BUILDING

PROGRESS RECORD DOCUMENTS

FIRST FLOOR ELECTRICAL PLAN

DATE	23 FEB 05
DRAWN BY	IPD
CHK'D BY	CAB
X-REF FILE	P-ELEC1

COPYRIGHT 2003 BY DAVIS PARTNERSHIP P.C., ARCHITECTS

SHEET NUMBER:

E2.1

D.P.A. PROJECT # 02419.00

Color, Ruma & Assoc. FILENAME..P..\HEALTH ONE\MEDICAL CENTER OF AURORA\2003-284 MEDICAL CENTER OF AURORA MOB\CAD\13\ELEC\P-ELEC1.DWG _ E2.1 PLOT: 12/15/2005 @ 1:57pm REV: 12/12/2005 CAD: OTA XREF: elec1.dwg bg1.dwg xbg-s-grid.dwg xbg1-1fpl.dwg tb.dwg dg1.dwg tb-a.dwg tb-b.dwg