City of Aurora
Building Codes Division
15151 E Alameda Pkwy
Aurora, CO 80012
(303) 739-7420

Notice

This material is subject to copyright protection pursuant to Federal Law: 17 United States Code Section 106.

CATH LAB #4 Renovation
Medical Office Building

1455 SOUTH POTOMAC STREET
AURORA, CO 80012

ISSUED FOR CONSTRUCTION

December 09, 2009

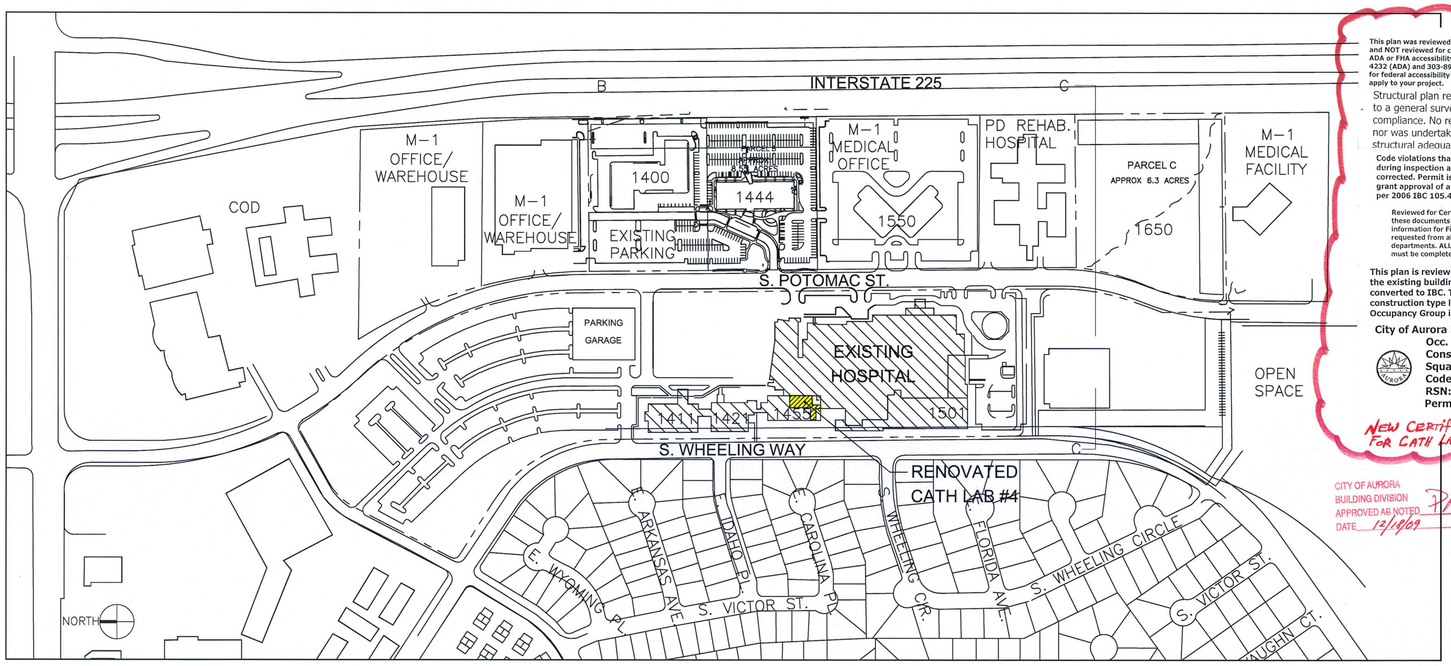
PW PROJECT #142542.002
CLIENT – CER #09–080

PERKINS & WILL
Architecture . Interiors . Planning

ccrd partners

MARTIN / MARTIN CONSULTING ENGINEERS

FACILITY/OWNER	ARCHITECT/INTERIOR DESIGN	MEP ENGINEER	STRUCTURAL ENGINEER
MEDICAL CENTER OF AURORA SOUTH CAMPUS 1501 SOUTH POTOMAC STREET AURORA, CO 80012 (303) 873–4895 OFFICE (303) 944–9690 CELL CONTACT: GREG MENKE	PERKINS & WILL – CRA 10100 N. CENTRAL EXPWY DALLAS, TX 75231 (214) 283–8700 (214) 283–8701 FAX CONTACT: JOHN MENNO NAP CONTACT: L. THOMAS SCHMIDT	CCRD PARTNERS 8301 E. PRENTICE AVENUE, SUITE 200 GREENWOOD VILLAGE, CO 80111 (303)694–4755 (303)694–5125 FAX CONTACT: MARK MONTGOMERY	MARTIN/MARTIN INC. 12499 WEST COLFAX AVE. LAKEWOOD, CO 80215 (303)431–6100 (303)431–6866 FAX CONTACT: LAWRENCE KEMP



01 EXISTING SITE PLAN
0 8' 16' 32'
SCALE: 1" = 200'

This plan was reviewed for adopted codes and NOT reviewed for compliance with ADA or FHA accessibility. Contact 800-949-4232 (ADA) and 303-894-7822x325 (FHA) for federal accessibility requirements that apply to your project.

Structural plan review is limited to a general survey for code compliance. No review is implied nor was undertaken to verify structural adequacy.

Code violations that are found during inspection are required to be corrected. Permit issuance does not grant approval of a code violation per 2006 IBC 105.4.

Reviewed for Certificate of Occupancy, these documents DO provide sufficient information for Final Inspections to be requested from all required city departments. ALL Final city inspections must be completed and approved.

This plan is reviewed to IBC but the existing building is NOT converted to IBC. The construction type listed is UBC, Occupancy Group is IBC.

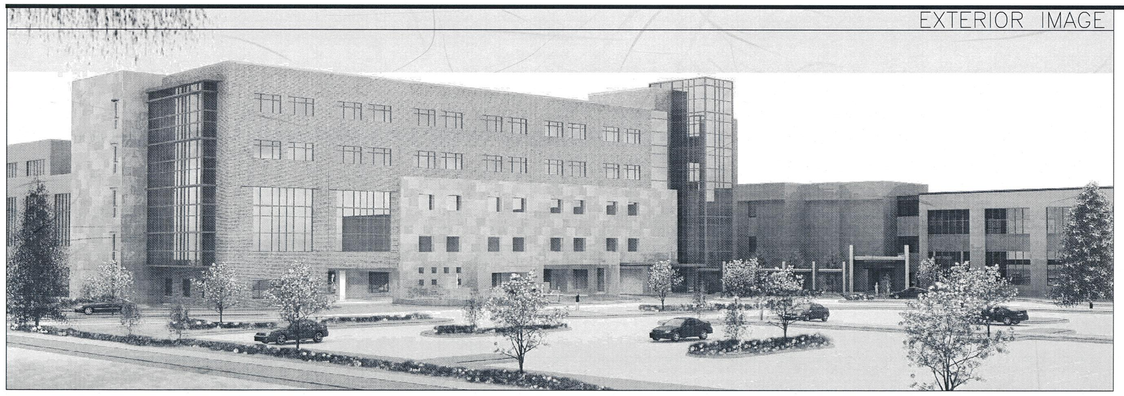
City of Aurora Plan Review
Occ. Type: I-2
Const. Type: IIN (UBC) SPR. IN CATH LAB #4
Square Footage: 2051 SF
Code: 06 I-Codes / 08 NEC
RSN: 511471 & 511473
Permit No. 09-443744 LT.
09-448746 LT.

NEW CERTIFICATE OF OCC. REQUIRED FOR CATH LAB # 4 – 1455 S. POTOMAC ST.

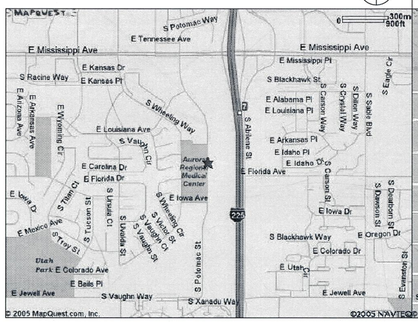
THIS PLAN SET INCLUDES BOTH ADDRESSES: 1455 & 1501 S. POTOMAC

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/16/09

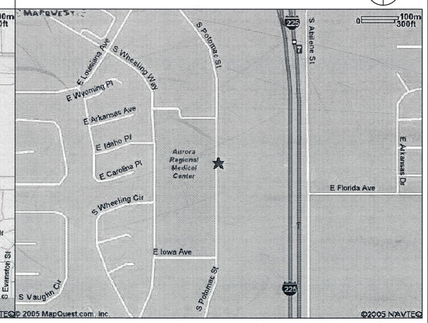
EXTERIOR IMAGE



OVERALL MAP



VICINITY MAP



PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

STATE OF COLORADO
TRUBY L. SCHMIDT
203601
LICENSED ARCHITECT
12-10-09

NO.	/ ISSUE	DATE

Revisions

Sheet Information	
Date	12–09–2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

SITE PLAN
VICINITY MAP

Sheet

G-0000

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 – 2:59pm
P:\Dallas\142542.000 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\G–0000.dwg
SCHMIDTT

Cath Lab #4 Renovation

Medical Center of Aurora - South Campus
Medical Office Building

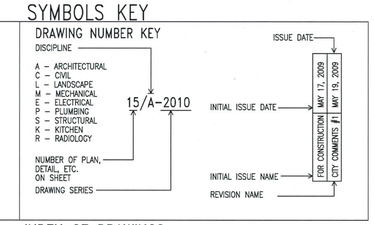
1455 SOUTH POTOMAC STREET
AURORA, CO 80012

DECEMBER 09, 2009

PWCRA PROJECT #142542.002
CLIENT – CER #09-080

ISSUED FOR CONSTRUCTION

SYMBOLS KEY



INDEX OF DRAWINGS

NOTE:
ALL SITEWORK SHALL BE DONE UNDER A SEPARATE PERMIT.

GENERAL

		ISSUE CONSTRUCTION DOCUMENTS DATE 12-09-09
G-0000	COVER SHEET	●
G-0001	INDEX OF DRAWINGS	●

SITE (FOR REFERENCE ONLY)

~~G-1001~~	~~FIRE LANE PLAN AND NOTES~~	●

STRUCTURAL

S1	NOTES	●
S2	ELEVATION AND DETAILS	●

ARCHITECTURAL

D-2001	INTERIM LIFE SAFETY AND DEMOLITION PLAN – PARTIAL FIRST FLOOR	●
A-0000	GENERAL NOTES, ABBREVIATIONS, CODE SUMMERY AND SYMBOLS	●
A-0101	CODE COMPLIANCE DETAILS	●
A-0102	CODE COMPLIANCE DETAILS	●
A-0111	CODE COMPLIANCE PLAN – PARTIAL FIRST FLOOR	●
A-2001	ARCHITECTURAL NEW CONSTRUCTION PLAN – PARTIAL FIRST FLOOR	●
A-2101	EQUIPMENT AND WOODWORK PLAN – PARTIAL FIRST FLOOR	●
A-2201	INTERIOR FINISH PLAN – PARTIAL FIRST FLOOR	●
A-2400	ARCHITECTURAL REFLECTED CEILING PLAN – PARTIAL FIRST FLOOR	●
A-5200	ARCHITECTURAL INTERIOR ELEVATIONS	●
A-5600	TOILET ACCESSORIES & MISCELLANEOUS INTERIOR DETAILS	●
A-8100	PARTITION DETAILS	●
A-8101	PARTITION TYPE SCHEDULE	●
A-8200	DOOR/WINDOW SCHEDULE & DETAILS	●

ISSUED UNDER PERMIT # 09-443935 CT. FOR DEMO

MECHANICAL ELECTRICAL AND PLUMBING

M-0001	MECHANICAL LEGENDS AND NOTES	●
MD-2001	DEMOLITION PLAN – HVAC	●
M-2001	FIRST FLOOR PLAN – HVAC	●
M-3001	MECHANICAL SCHEDULES AND DETAILS	●

E-0001	ELECTRICAL LEGENDS AND NOTES	●
ED-2001	FLOOR PLAN POWER AND SPECIAL SYSTEMS DEMOLITION	●
ED-3001	FLOOR PLAN LIGHTING DEMOLITION	●
E-2001	FLOOR PLAN POWER	●
E-3001	FLOOR PLAN LIGHTING	●
E-4001	FLOOR PLAN SPECIAL SYSTEMS	●
E-5001	ELECTRICAL ONE-LINE DIAGRAM	●
E-5002	ELECTRICAL ONE-LINE DIAGRAM	●
E-5003	ELECTRICAL ONE-LINE DIAGRAM	●
E-6001	ELECTRICAL DETAILS	●
E-7001	ELECTRICAL SCHEDULES	●

P-0001	PLUMBING SCHEDULES, LEGENDS AND NOTES	●
PD-1001	FLOOR PLAN PLUMBING DEMOLITION	●
PU-1001	FLOOR PLAN PLUMBING UNDERGROUND	●
P-2001	FIRST FLOOR PLAN PLUMBING	●
P-2002	PARTIAL SECOND FLOOR PLAN PLUMBING	
P-3001	FIRST FLOOR PLAN MEDICAL GAS	●
P-4001	PLUMBING RISERS AND DETAILS	●

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/17/09

09-443744
09-443746

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

In association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.5100
F: 303.431.6886

STATE OF COLORADO
TRUDY L. McDOUGAL
203601
LICENSED ARCHITECT
12.09.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

INDEX OF DRAWINGS

Sheet

G-0001

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 – 2:57pm
P:\Dallas\142542.000 MOA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\G-0001.dwg
SCHMIDTT

ABBREVIATIONS LEGEND

ABBREVIATIONS WHEN USED IN COMPOSITION MAY INCLUDE PERIODS FOR CLARIFICATION

AB	ANCHOR BOLT
A/C	AIR CONDITION(ING)(ED)
ACS PNL	ACCESS PANEL
ACST	ACOUSTIC(AL)
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
ADA	AMERICANS WITH DISABILITIES ACT
ADH	ADHESIVE
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AGGR	AGGREGATE
ANR	ANCHOR
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
ANOD	ANODIZE(D)
ANN	ANNUNCIATOR
APPROX	APPROXIMATE
ARCH	ARCHITECT(URAL), ARCHITECT
ASPH	ASPHALT
AUTO	AUTOMATIC
AWP	ACOUSTICAL WALL PANEL
B/B	BACK TO BACK
BB	BULLETIN BOARD
B BD	BASE BOARD
BD	BOARD
BE	BENCH
BITUM	BITUMINOUS
BLDG	BUILDING
BLKG	BLOCKING
BM	BEAM
B MK	BENCHMARK
BOT	BOTTOM
BOT/	BOTTOM OF
BR	BRICK
BRG	BEARING
BRZ	BRONZE
BSMT	BASEMENT
BUR	BUILT-UP ROOFING
BITUM	BITUMINOUS
CAB	CABINET
CB	CATCH BASIN
CEM	CEMENT
CG	CORNER GUARD
CH	COAT HOOK
CI	CAST IRON
CIP	CAST-IN-PLACE
CIRC	CIRCULATION
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR
cm	CENTIMETER
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONF	CONFERENCE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CPT	CARPET
CSK	COUNTERSUNK
CT	CERAMIC TILE
CTR	CENTER
CU	CUBIC
CW	COLD WATER
CCTV	CLOSED CIRCUIT TELEVISION
d	PENNY (NAIL)
D	DEEP, DEPTH
DBL	DOUBLE
DCT	DIAPER CHANGING TABLE
DEG	DEGREE
DEMO	DEMOLISH, DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIFF	DIFFUSER
DIM	DIMENSION
DISP	DISPENSER
DIV	DIVISION
DL	DEAD LOAD
DN	DOWN
DP	DAMPPROOFING
DR	DOOR
DS	DOWNSPOUT
DW	DISHWATER
DWG	DRAWING
DWV	DRAINAGE, WASTE AND VENT
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAST	ELASTOMERIC
ELEC	ELECTRIC(AL)
ELEV	ELEVATOR
EMER	EMERGENCY
ENCL	ENCLOSURE
ENGR	ENGINEER
ENTR	ENTRANCE
EO	ELECTRIC OUTLET
EOS	EDGE OF SLAB
EP	ELECTRICAL PANEL
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EMERGENCY SHOWER
ETC	ETCETERA
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EXC	EXCAVATION, EXCAVATE
EXH	EXHAUST
EXIST	EXISTING
EXP	EXPANSION
EXPO	EXPOSED
EXT	EXTERIOR, EXTERNAL
F/	FACE OF
F/F	FACE TO FACE
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FAB	FABRIC
FABR	FABRICATE(D)
FACP	FIRE ALARM CONTROL PANEL
FC	FIRE CABINET
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHVC	FIRE HOSE VALVE CABINET
FHR	FIRE HOSE RACK
FIN	FINISH(ED)
FIN FLR EL	FINISHED FLOOR ELEVATION
FIXT	FIXTURE
FLASH	FLASHING
FLEX	FLEXIBLE
FLR	FLOOR
FLUOR	FLUORESCENT
FO	FINISHED OPENING
FP	FIRE PROTECTION
FRTW	FIRE RETARDANT TREATED WOOD
FT	FOOT (FEET)
FTG	FOOTING
FTR	FINNED TUBE RADIATION
FURN	FURNISH, FURNITURE
FURG	FURRING
FUT	FUTURE
GA	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GEN	GENERAL
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GD	GROUND
GL BLK	GLASS BLOCK
GLU LAM	GLUED LAMINATED WOOD
GYP PLAS	GYPSUM PLASTER
GR	GRADE
GT	GREASE TRAP
GYP	GYPSUM
H	HIGH
HB	HOSE BIBB
HC	HOLLOW CORE
HCP	HANDICAPPED
HDW	HARDWARE
HDWD	HARDWOOD
HM	HOLLOW METAL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HP	HIGH POINT
HR	HOUR
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
HYD	HYDRANT
ID	INSIDE DIAMETER
IN	INCH(ES)
INCAND	INCANDESCENT
INCL	INCLUDE(D), INCLUDING
INSUL	INSULATION
INT	INTERIOR
INTERM	INTERMEDIATE
INV	INVERT
JAN	JANITOR
JAN CLO	JANITOR'S CLOSET
JT	JOINT
KD	KNOCK(ED) DOWN
KO	KNOCK OUT
KIT	KITCHEN
KPL	KICK PLATE
L	LONG, LENGTH
LAM	LAMINATE(D)
LAU	LAUNDRY
LAV	LAVATORY
LB(s)	POUND(S)
LF	LINEAR FOOT, (FEET)
LH	LEFT HAND
LL	LIVE LOAD
LKR	LOCKER
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LNG	LONGITUDE, LONGITUDINAL
LP	LOW POINT
LT	LIGHT
LTG	LIGHTING
LVL	LEVEL
LWC	LIGHT WEIGHT CONCRETE
m	METER
MACH	MACHINE
MAINT	MAINTENANCE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MCB	METAL CORNER BEAD
MDO	MEDIUM DENSITY OVERLAY
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MEP	MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MIRR	MIRROR
MISC	MISCELLANEOUS
MKR BD	MARKER BOARD
mm	MILLIMETER
MO	MASONRY OPENING
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
MVBL	MOVABLE
N	NORTH
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O/O	OUT TO OUT
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER
OF/CI	OWNER FURNISHED, CONTRACTOR INSTALLED
OF/OI	OWNER FURNISHED, OWNER INSTALLED
OFD	OVERFLOW DRAIN
OFF	OFFICE
OH	OVERHEAD
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
PA	PUBLIC ADDRESS
PBD	PARTICLE BOARD
PCC	PRE-CAST CONCRETE
PERF	PERFORATED
PERP	PERPENDICULAR
PGBD	PEG BOARD
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLBG	PLUMBING
PLYWD	PLYWOOD
PNT	PAINT
PNL	PANEL
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATE(D)
PRKG	PARKING
PROJ	PROJECT
PROJ SCRN	PROJECTION SCREEN
PROP	PROPERTY
PSF	POUNDS PER SQUARE FOOT
PSH	PURSE SHELF
PSI	POUNDS PER SQUARE INCH
PT	POINT
PTD	PAPER TOWEL DISPENSER
PTN	PARTITION
PVC	POLYVINYL CHLORIDE
PVG	PAVING
QT	QUARRY TILE
QTY	QUANTITY
r	RISER
R	THERMAL RESISTANCE
RAD	RADIUS
RB	RUBBER BASE
RCP	REFLECTED CEILING PLAN
RCPTN	RECEPTION
RD	ROOF DRAIN
REC	RECESSED
REF	REFERENCE
REFR	REFRIGERATOR
REINF	REINFORCE, REINFORCING
REINF CONC	REINFORCED CONCRETE
REQD	REQUIRED
RESIL	RESILIENT
REV	REVISION
RFG	ROOFING
RF	RESILIENT FLOORING
RH	RIGHT HAND
RM	ROOM
RO	ROUGH OPENING
ROW	RIGHT OF WAY
RTF	RUBBER TILE FLOOR
RVL	REVEAL
S	SOUTH
SAB	SOUND ATTENUATION BATTS
SAN	SANITARY
SC	SOLID CORE
SCHED	SCHEDULE
SD	SOAP DISPENSER
SECT	SECTION
SF	SQUARE FOOT(FEET)
SGL	SINGLE
SGNG	SIGNAGE
SHR	SHOWER
SHT	SHEET
SIM	SIMILAR
SND	SANITARY NAPKIN DISPENSER
SNDU	SANITARY NAPKIN DISPOSAL UNIT
SP	STANDPIPE
SPEC	SPECIFICATION
SPKR	SPEAKER
SQ	SQUARE
SS	SERVICE SINK
SSM	SOLID SURFACE MATERIAL
SST	STAINLESS STEEL
STA	STATION
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STN	STONE
STOR	STORAGE
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SVMM	SHEET VINYL
SYMM	SYMMETRICAL
T	TREAD
T/	TOP OF
T&B	TOP & BOTTOM
T&G	TONGUE & GROOVE
TDR	TOWEL DISPENSER/ RECEPTACLE
TEL	TELEPHONE
TEMP	TEMPORARY
TER	TERRAZZO
THK	THICK
THRES	THRESHOLD
TI	TENANT IMPROVEMENT
TKBD	TACKBOARD
TLT	TOILET
TMPD	TEMPERED
TOPO	TOPOGRAPHY, TOPOGRAPHIC
TPD	TOILET PAPER DISPENSER
TRTD	TREATED
TS	TUBE STEEL
TSCD	TOILET SEAT COVER DISPENSER
TV	TELEVISION
TYP	TYPICAL
U	HEAT TRANSFER COEFFICIENT
UC	UNDER COUNTER
UCL	UNDER CABINET LIGHTING
UNEXC	UNEXCAVATED
UNFIN	UNFINISHED
UGND	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORIES
UNO	UNLESS NOTED OTHERWISE
US	UNDERSLAB
UTIL	UTILITY
VB	VINYL BASE
VCT	VINYL COMPOSITION TILE
VENT	VENTILATION
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VOL	VOLUME
VNR	VENEER
VR	VAPOR RETARDER
V SHT	VINYL SHEET
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	WEST
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WD	WOOD
WG	WALL GUARD
WF	WIDE FLANGE
WH	WATER HEATER
WI	WROUGHT IRON
WIN	WINDOW
WM	WIRE MESH
WP	WATER PROOFING
W RECPT	WASTE RECEPTACLE
WSCT	WAINSCOT
WT	WEIGHT
WWF	WELDED WIRE FABRIC
x	BY
YD	YARD
ZN	ZINC.

HEALTH CARE AND LABORATORY ABBREVIATIONS

A	AIR
ACID RES	ACID RESISTING
ADMIT	ADMITTING
ANESTH	ANESTHESIOLOGY
ANGIO	ANGIOGRAPHY
BG	BUMPER GUARD
BL	BED LOCATOR
BP	BED PAN HOLDER
BR	BUMPER RAIL
BW	BLANKET WARMER
CARDIO	CARDIOLOGY
CATH	CATHETERIZATION
CC	CUBICAL CURTAIN TRACK
CO(BL	CODE BLUE
CHT	CHANGE TABLE
CLN	CLEAN
CODE	CODE CART
CO2	CARBON DIOXIDE
CS	CLINICAL SINK
CT	COMPUTERIZED TOMOGRAPHY
CLN UTIL	CLEAN UTILITY
CVCU	CARDIOVASCULAR INTENSIVE CARE UNIT
CYSTO	CYSTOSCOPY
DISTW	DISTILLED WATER
DIW	DEIONIZED WATER
DK RM	DARK ROOM
DWTR	DUMBWAITER
ED	EMERGENCY DEPARTMENT
ENDO	ENDOSCOPY
ER	EMERGENCY ROOM
EXAM	EXAMINATION
GLV	GLOVE
GSU	GLAZED STRUCTURAL UNITS
GWT	GLAZED WALL TILE
GYN	GYNECOLOGY
HC	HEALTH CARE
HCP	HANDICAP(PED)
ICCU	INTENSIVE CARDIAC CARE UNIT
ICU	INTENSIVE CARE UNIT
INF	INFANT
IP	IN-PATIENT
ISOL	ISOLATION
IV	INTRAVENOUS
LAB	LABORATORY
LAB EQUIP	LABORATORY EQUIPMENT
LDR	LABOR/DELIVERY/RECOVERY
LDRP	LABOR/DELIVERY/RECOVERY/ POST PARTUM
LG	LOUNGE
LIN	LINEN
LL	LEAD LINED
LS	LINOLEUM SHEET
LTC	LONG TERM CARE
MAG	MAGNET(IC)
MAMMO	MAMMOGRAPHY
MC	MEDICINE CABINET
MED	MEDICINE/MEDICATION
MED EQUIP	MEDICAL EQUIPMENT
MICU	MEDICAL INTENSIVE CARE UNIT
MON	MONITOR
MRI	MAGNETIC RESONANCE IMAGING
N2	NITROGEN
N2O	NITROUS OXIDE
NARC	NARCOTICS
NC	NURSE CALL
NEURO	NEUROLOGY
NL	NIGHT LIGHT
NS	NURSE STATION
NUC	NUCLEAR
NUR	NURSE(RY)
O2	OXYGEN
OB	OBSTETRICS
OP	OUT PATIENT
OR	OPERATING ROOM
ORTHO	ORTHOPEDICS
OTO	OTOSCOPE/OPTHALMOSCOPE
PACU	POST ANETHESIA CARE UNIT
PAT	PATIENT
PATH	PATHOLOGY
PEDS	PEDIATRIC(S)
PET	POSITION EMISSION TOMOGRAPHY
PG BD	PEG BOARD
PHAR	PHARMACY
PROC	PROCEDURE
PT STA	PNEUMATIC TUBE STATION
PU	PASS THROUGH UNIT
RADIOL	RADIOLOGY
RB HK	ROBE HOOK
RECOV	RECOVERY ROOM
R/F	RAD/FLUORO
REG	REGISTRATION
RF	RADIO FREQUENCY
RMW	REGULATED MEDICAL WASTE
SECL RM	SECLUSION ROOM
SHARPS	SHARPS CONTAINER
SHR CURT	SHOWER CURTAIN
SHR SEAT	SHOWR SEAT
SICU	SURGICAL INTENSIVE CARE UNIT
SNF	SKILLED NURSING FACILITY
SPCL	SPECIAL
SPHYG	SPHYGMOMANOMETER
STER	STERILIZER
SU	SOILED UTILITY
SUCT	SUCTION
SURG	SURGICAL
SWBD	SWITCHBOARD
TL	TASKLIGHT
TELEM	TELEMETRY
TREAT	TREATMENT
TV BRK	TELEVISION MOUNTING BRACKET
TYP	TYPICAL
UC	UNDER CABINET
UCL	UNDER CABINET LIGHT
VAC	VACUUM LINE
VAC CTR	VACUUM CONTAINER
VAC SL	VACUUM SLIDE
WAGE	WASTE ANESTHETIC GAS EVACUATION
WG	WALL GUARD
XR	X RAY

SYMBOLS

&	AND
∠	ANGLE
@	AT
x	BY (LOWERCASE)
℄	CENTER LINE
[	CHANNEL
°	DEGREE
ø	DIAMETER
⊥	DOUBLE ANGLE
#	NUMBER, POUNDS
▱	PLATE
±	PLUS OR MINUS
⌀	SQUARE FEET
∿	ZEE
□	TUBE

MATERIALS

- COMPACTED SOIL
- UNDISTURBED SOIL
- COURSE POROUS FILL
- SAND
- BITUMINOUS PAVING
- STRUCTURAL CONCRETE
- LIGHTWEIGHT CONCRETE
- TERRAZZO
- CUT STONE
- BRICK MASONRY
- CONCRETE MASONRY UNIT
- STRUCTURAL CLAY TILE UNIT MASONRY
- STEEL
- ALUMINUM
- ORNAMENTAL METAL
- CONTINUOUS WOOD FRAMING
- WOOD BLOCKING
- FINISH WOODWORK
- PLYWOOD
- PARTICLE BOARD
- GYPSUM WALLBOARD
- WATERPROOFING
- RIGID INSULATION
- BATT INSULATION
- CARPETING
- RESILIENT FLOORING
- PLASTIC LAMINATE
- LEAD LINED GYPSUM WALLBOARD
- GLAZING
- GLASS BLOCK
- ACOUSTICAL CEILING BOARD
- SEALANT AND BACKER ROD
- SPRAY-ON FIREPROOFING
- EXTERIOR SHEATHING
- SOLID SURFACING

SYMBOLS LEGEND

KEY NOTE — (2) — "NOTES BY NUMBERS"

DETAIL/WALL SECTION TARGETS — SECTION DESIGNATION: 04 / A-5600; SHEET NUMBER

INTERIOR ELEVATION TARGETS — 03/A-5200; SINGLE INTERIOR ELEVATION TAG

DOOR TAGS — A301A; DOOR DESIGNATOR; ROOM NUMBER

EQUIPMENT DESIGNATION — OWNER FURNISHED AND INSTALLED EQUIPMENT/ ITEM; CONTRACTOR FURNISHED EQUIPMENT/ ITEM

TOILET ACCESSORY SYMBOL — TA1

WINDOW TYPE SYMBOLS — INTERIOR WINDOW TYPE: 001

PARTITION TARGETS — C2

FLOOR DRAIN — F.D.

OVERFLOW DRAIN AND ROOF DRAIN — OVERFLOW DRAIN; ROOF DRAIN

GLAZING SYMBOLS — GLAZING DESIGNATION: 1-XX

WOODWORK/MILLWORK LEGEND — CABINET WIDTH 24"; CABINET TYPE N1; RE: ARCHITECTURAL WOODWORK SECTIONS

GENERAL PROJECT NOTES

1. REFER TO THE COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR APPLICABLE NOTES, ABBREVIATIONS AND SYMBOLS.
2. DO NOT SCALE THE DRAWING. IF DIMENSIONS ARE IN QUESTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE ARCHITECT PRIOR TO CONTINUING.
3. DIMENSIONS SHOWN ON THE FLOOR PLANS FOR NEW CONSTRUCTION ARE TO THE FACE OF FINISH OF INTERIOR WALLS, TO CENTER LINE OF COLUMNS AND TO FACE OF CONCRETE OR MASONRY WALLS, UNLESS OTHERWISE INDICATED. DIMENSIONS IN RENOVATED AREAS ARE FROM FINISH FACE OF EXISTING WALLS AND TO FINISH FACE OF NEW STUD WALLS, UNLESS OTHERWISE INDICATED.
4. WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED WITH THE FACE OF THE EXISTING SURFACE. WHERE A ONE HOUR PARTITION IS SHOWN AS A CONTINUATION OF A TWO-HOUR PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE GYPSUM BOARD SHALL BE OFFSET AS REQUIRED TO PROVIDE FACE ALIGNMENT OF GYPSUM BOARD ON BOTH SIDES.
5. CONTRACTOR SHALL PROVIDE ROUGH-INS REQUIRED FOR OWNER FURNISHED EQUIPMENT. FIELD MEASURE AND CONFIRM DIMENSIONS FOR OWNER PROVIDED EQUIPMENT AND FURNISHINGS. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON DELIVERY AND INSTALLATION OF O.F.C.I. EQUIPMENT. MINIMUM REQUIRED OPENINGS AND ACCESSIBLE ROUTES TO THE INSTALLATION AREA SHALL BE COORDINATED WITH THE SUPPLIER.
6. FINISH FLOOR ELEVATIONS ARE TO TOP OF CONCRETE UNLESS OTHERWISE NOTED.
7. LEVEL FLOORS SO THAT THEY DO NOT EXCEED A ¼" VARIANCE IN A 10'-0" RADIUS U.N.O. RE: MEDICAL EQUIPMENT VENDOR DRAWINGS FOR REQUIREMENTS AT EQUIPMENT LOCATIONS.
8. COORDINATE EXACT SIZE AND PLACEMENT OF EQUIPMENT BASE AND HOUSEKEEPING PADS WITH EQUIPMENT TO BE PROVIDED.
9. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
10. OPENINGS IN A RATED WALL, FLOOR, CEILING AND ROOF ASSEMBLIES SHALL BE SEALED WITH A FIRE RESISTANT JOINT SYSTEMS OR PROTECTED WITH A FIRE RATED CHASE.
11. PIPING LOCATED ABOVE GRADE AND INSIDE THE BUILDING SHALL BE CONCEALED IN FURRED SPACES WITH THE EXCEPTION OF PIPING IN STAIRWAYS, EQUIPMENT ROOMS AND POWERHOUSE. THE CONTRACTOR SHALL COORDINATE WITH OTHER TRADES TO PROVIDE FURRING FOR PIPING INSTALLED IN FINISHED AREAS.
12. WHERE MATERIALS ARE APPLIED TO, OR ARE IN DIRECT CONTACT WITH WORK INSTALLED BY ANOTHER SUBCONTRACTOR, COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE SUBSTRATE AS SUITABLE FOR THE APPLICATION INTENDED.
13. ISOLATE DISSIMILAR METALS TO PREVENT GALVANIC CORROSION.
14. SEALANTS EXPOSED TO VIEW SHALL BE CUSTOM COLOR AS SELECTED BY THE ARCHITECT.
15. COORDINATE LOCATION OF SEALANT AND COMPATIBILITY OF SEALANTS WITH ADJACENT WORK, INCLUDING MATERIALS AND OTHER CONTIGUOUS SEALANTS.
16. APPROVE FLOOR OUTLET LOCATIONS WITH ARCHITECT AND BUILDING MANAGEMENT PRIOR TO CORE DRILLING.
17. ACCESSORIES SUCH AS GRAB BARS, TOWEL BARS, PAPER DISPENSERS AND SOAP DISHES INSTALLED WITHIN 2" OF A URINAL, WATER CLOSET, SINK OR LAVATORY SHALL BE MOISTURE SEALED.
18. CAULK AT JUNCTURE OF INTERIOR FACES OF DOOR FRAMES, VIEW WINDOW FRAMES, EXTERIOR WINDOW FRAMES, CABINET WORK AND CASEWORK WITH ADJACENT MATERIALS. MAINTAIN THE FIRE RATING OF CONSTRUCTION AROUND CABINETS, PANELS, AND BOXES RECESSED IN FIRE RATED WALL, FLOOR, AND CEILING ASSEMBLIES RE: A-0100 SERIES.
19. EXIT SIGNS AND SMOKE DETECTORS LOCATED IN CEILINGS SHALL BE POSITIONED AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
20. REPLACE ALL DAMAGED OR REMOVED FIREPROOFING TO ORIGINAL TYPE AND THICKNESS.

CODE COMPLIANCE INFORMATION

- **PROJECT INFORMATION:**

PROJECT: RENOVATION OF NEW CATH LAB WITH NEW SUPPORT SPACES WITHIN EXISTING MEDICAL OFFICE BUILDING SPACE (NO NEW BUILDING SQUARE FOOTAGE ADDED)

STORIES: EXISTING MEDICAL OFFICE BUILDING: 3 STORIES

FUTURE FLOORS: NONE.

- **CODES/LAWS:**

STATE OF COLORADO – CITY OF AURORA
- 2006 INTERNATIONAL BUILDING CODE
- 2006 INTERNATIONAL MECHANICAL CODE
- 2006 INTERNATIONAL FUEL GAS CODE
- 2006 INTERNATIONAL PLUMBING CODE
- 2008 NATIONAL ELECTRIC CODE
- 2006 INTERNATIONAL FIRE CODE
- 2003 NFPA 101 – LIFE SAFETY CODE AS REFERENCED IN IBC 2006
- 2006 INTERNATIONAL ENERGY CONSERVATION CODE

STATE OF COLORADO APPLICABLE CODES AND STANDARDS
- 2006 AMERICAN INSTITUTE OF ARCHITECTS AND FACILITIES GUIDELINES INSTITUTE, GUIDELINES FOR DESIGN AND CONSTRUCTION OF HOSPITAL AND HEALTH CARE FACILITIES

FEDERAL CODES AND STANDARDS

1994 (APRIL 1) AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) – CHAPTER 11
2003 ANSI – A117.1

MISCELLANEOUS REFERENCED STANDARDS

2005 UNDERWRITERS LABORATORIES DIRECTORY (UL)
CA 600 FIRE RESISTANCE DIRECTORY, GYPSUM ASSOCIATION, CURRENT EDITION (16TH OR NEWER)

- **OCCUPANCY CLASSIFICATION:**

2006 IBC – MIXED USE OCCUPANCY. I-2 AND B IN 1455 S. POTOMAC ST.

- **CONSTRUCTION TYPE:**

EXISTING: UBC – II-N
IBC 2006 – (IBC TABLE 503) TYPE B BUSINESS OCCUPANCY IS NOT SPRINKLERED, I-2 OCCUPANCY IS FULLY SPRINKLERED

- **ALLOWABLE HEIGHT AND BLDG. AREAS:**

EXISTING

MAX. # OF STORIES:	3	STORIES PROVIDED:	3 STORIES
MAX. FLOOR AREA:	N/A	AREA PROVIDED:	41,717 SF TOTAL

NOTE: THIS RENOVATION IS WITHIN EXISTING SPACE. NO NEW BUILDING SQUARE FOOTAGE IS ADDED.

SQUARE FOOTAGE OF THE CATH LAB RENOVATION IS 1,770 S.F.

FIRE SPRINKLER / ALARM SYSTEMS SHALL BE REQUIRED IN CATH LAB # 4 WITH CHANGE OF OCCUPANCY FROM 'B' TO 'I-2'

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09

09-443744

09-443746

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

STATE OF COLORADO — TRUBY, MICHAEL J. — 203601 — LICENSED ARCHITECT
12.10.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

GENERAL NOTES, ABBREVIATIONS, CODE SUMMERY AND SYMBOLS

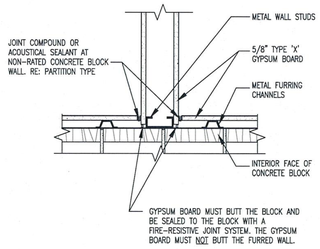
Sheet

A-0000

Issued for Construction

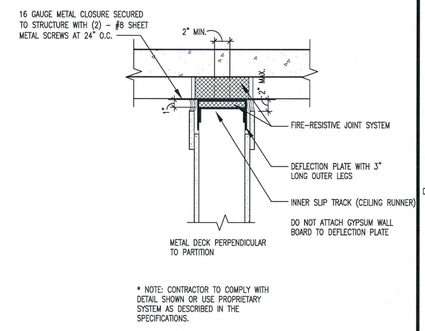
Copyright © 2005 PERKINS & WILL

Dec. 09, 2009 - 2:49pm
P:\Dallas\142542.000 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwg\SHEETS\A-0000.dwg
SCHMIDT



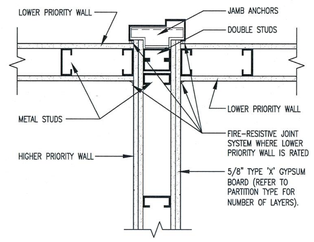
D2 PARTITION DETAIL

1 1/2" = 1'-0" RATED WALL PERPENDICULAR TO CMU WALL



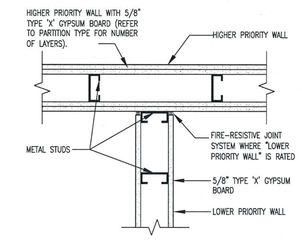
D1 SLIP TRACK AT RATED WALL

1 1/2" = 1'-0" @ WALL PERPENDICULAR TO DECK



C2 INTERSECTION OF RATED WALLS

1 1/2" = 1'-0" @ CROSS CORRIDOR



C1 PARTITION DETAIL

1 1/2" = 1'-0" @ INTERSECTION OF RATED WALLS

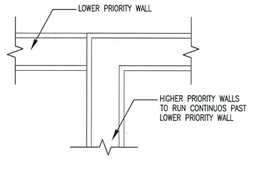
CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/10/09

09-443744

09-443746

WALL PRIORITY LEGEND

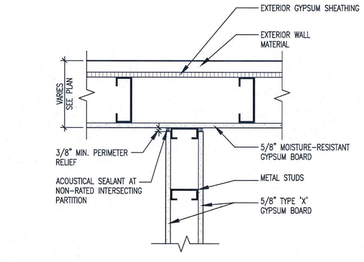
TWO HOUR RATED FIRE AND SMOKE PARTITION	PRIORITY 1 HIGHEST
TWO HOUR RATED SHAFTWALL	PRIORITY 2
TWO HOUR RATED PARTITION	
ONE HOUR SMOKE PARTITION	PRIORITY 3
ONE HOUR RATED PARTITION	PRIORITY 4
PARTITION TO DECK	PRIORITY 5
PARTITION TO 4" MIN. ABOVE CEILING	PRIORITY 6 LOWEST



THIS DRAWING IS FOR GRAPHIC PRESENTATION ONLY. RE: PARTITION TYPE FOR NUMBER OF LAYERS OF GYPSUM BOARD, ETC.

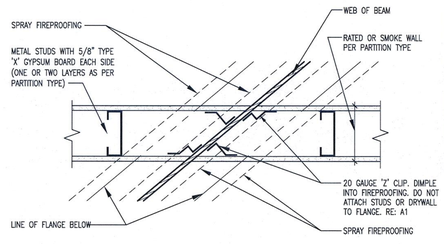
A3 ABUTMENT OF DISSIMILAR WALLS

1 1/2" = 1'-0"



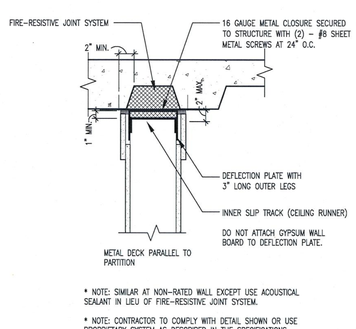
B2 PARTITION INTERSECTION DETAIL

1 1/2" = 1'-0" @ RATED EXTERIOR WALL



B1 WALL PENETRATION DETAIL

1 1/2" = 1'-0" @ BEAM DIAGONALLY INTERSECTING RATED WALL

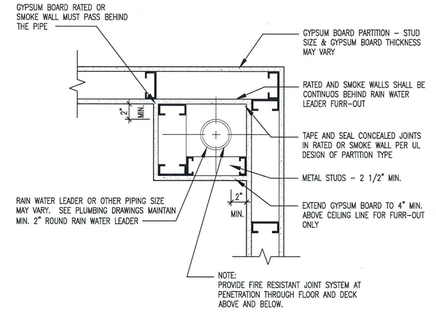


* NOTE: SIMILAR AT NON-RATED WALL EXCEPT USE ACOUSTICAL SEALANT IN LIEU OF FIRE-RESISTIVE JOINT SYSTEM.

* NOTE: CONTRACTOR TO COMPLY WITH DETAIL SHOWN OR USE PROPRIETARY SYSTEM AS DESCRIBED IN THE SPECIFICATIONS.

A2 SLIP TRACK AT RATED WALL

1 1/2" = 1'-0" @ WALLS PARALLEL TO DECK



A1 FURR-OUT DETAIL

1 1/2" = 1'-0" @ RAIN WATER LEADER

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6886

STATE OF COLORADO
TRUBY W. MOORMAN
203601
LICENSED ARCHITECT

12.10.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	JW, RM
Checked	JMN
Approved	CG

Title

CODE COMPLIANCE DATA

Sheet

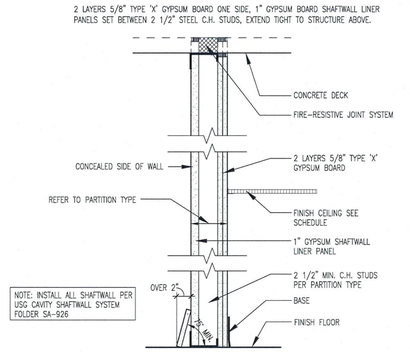
A-0101

Issued for Construction

Copyright © 2005 PERKINS & WILL

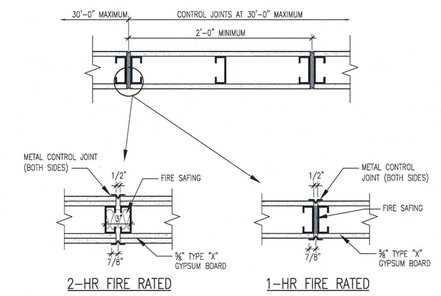
Dec 09, 2009 - 2:49pm
P:\Dallas\142542.000 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-0101.dwg
SCHMIDTT





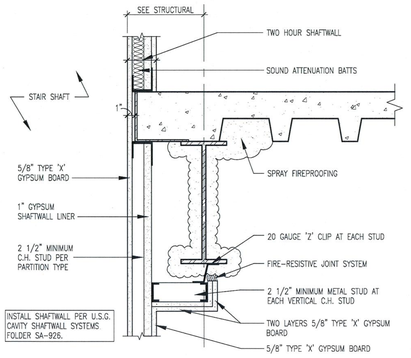
D2 SHAFT WALL SECTION

1 1/2" = 1'-0" ❶ 2-HR RATED



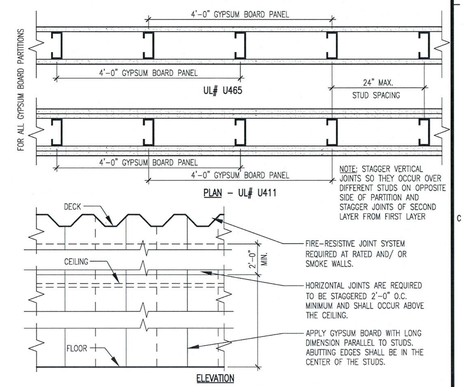
D1 GYP. BD. CONTROL JOINTS

1 1/2" = 1'-0" ❶ FIRE RATED WALLS



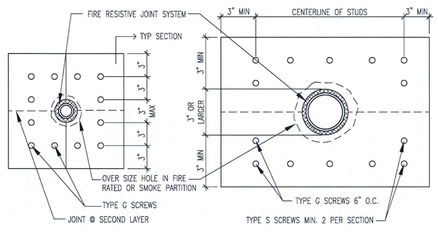
C2 SHAFTWALL AT STAIR BEAM

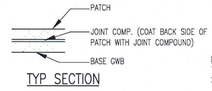
1 1/2" = 1'-0" ❶ 2-HR RATED



C1 LOCATION OF GYP. BD. JOINTS

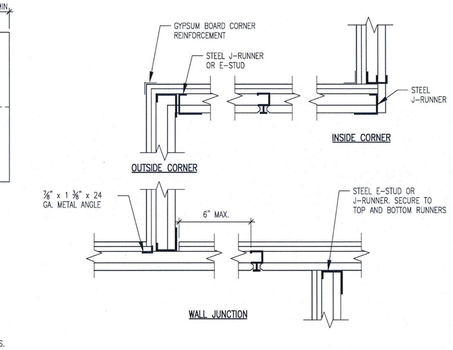
1 1/2" = 1'-0" IN RATED OR SMOKE WALLS





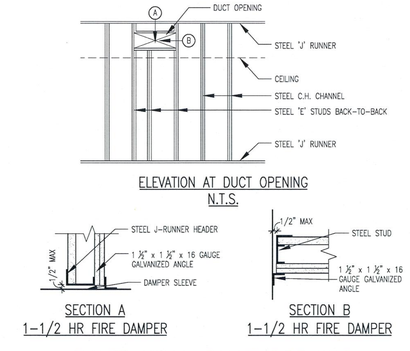
B2 PENETRATION DETAIL W/PATCH

1 1/2" = 1'-0" ❶ OVERSIZED HOLES IN RATED AND/ OR SMOKE PARTITION



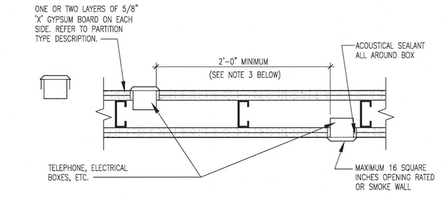
B1 SHAFTWALL JUNCTIONS

1 1/2" = 1'-0"



A2 SHAFT WALL DUCT OPENING

1 1/2" = 1'-0"



NOTE:

1. FOR ALL ONE HOUR RATED PARTITIONS, TWO HOUR RATED PARTITIONS AND SMOKE PARTITIONS, SURFACE AREA OF INDIVIDUAL METALLIC OUTLET OR SWITCH BOXES SHALL NOT EXCEED 16 SQUARE INCHES. THE AGGREGATED SURFACE OF ALL BOXES SHALL NOT EXCEED 100 SQUARE INCHES PER 100 SQUARE FEET. BOXES WHICH EXCEED THESE STANDARDS SHALL BE RECESSED AS SHOWN IN "RECESSED WALL CABINET DETAIL". BOXES < 16 SQ. IN. AND LOCATED ON OPPOSITE SIDES OF RATED FIRE SMOKE PARTITIONS SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 24 INCHES MINIMUM.
2. REFER TO X/A-XXX FOR SOUND ATTENUATION DETAIL.
3. WHERE WALL CAVITY IS FILLED WITH MINSERAL FIBER INSULATION, BOXES SHALL BE OF ANY MATERIAL AND SEPARATED BY NOT LESS THAN THE DEPTH OF THE WALL CAVITY.

A1 ADJACENT ELECTRICAL BOXES

1 1/2" = 1'-0" INDIVIDUAL BOX < 16 SQ. IN. IN RATED OR SMOKE WALLS

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09

09-443744

09-443746

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building

1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

STATE OF COLORADO
TRUBY J. MCDOUGAL
203601
LICENSED ARCHITECT
12.10.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	JW, RM
Checked	JMN
Approved	CG

Title

CODE COMPLIANCE DATA

Sheet

A-0102

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:59pm
PLOTTED BY: 142542.002 YEA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-0102.dwg
SCHMIDT

LIFE SAFETY GENERAL NOTES

1. EXISTING WALLS SHOWN WITH NEW LIFE SAFETY RATINGS ARE TO BE UPGRADED TO THE NEW RATING. THE UPGRADING INCLUDES PROTECTING ALL OPENINGS IN THE PARTITION.
2. WALL RATINGS IN EXISTING HOSPITAL ARE BASED UPON OWNER FURNISHED DRAWINGS. THE CONTRACTOR SHALL BRING DISCREPANCIES BETWEEN THE OWNER FURNISHED INFORMATION & THE AS-BUILT CONDITION TO THE ARCHITECTS ATTENTION.
3. REFER TO ELECTRICAL DRAWINGS FOR LOCATION AND QUANTITY OF SMOKE DETECTORS.
4. DOORS IN CORRIDOR PARTITIONS SHALL BE INSTALLED TO RESIST THE PASSAGE OF SMOKE. U.N.O.
5. REFER TO B1/A-0102 FOR FIRE EXTINGUISHER CABINET DETAIL.
6. CONTRACTOR TO VERIFY THAT ALL EXISTING DOORS IN A RATED WALL ARE LABELED WITH THE APPROPRIATE RATING WITHIN THE SMOKE COMPARTMENTS THAT ARE WITHIN THE SCOPE OF THIS WORK. CONTRACTOR ALSO TO VERIFY THAT ALL EXISTING WALLS WITHIN MODIFIED SMOKE COMPARTMENTS THAT ARE LABELED AS FIRE RATED OR SMOKE TIGHT MEET THE REQUIREMENTS OF THE LABELING.
7. AREAS OUTSIDE OF PROJECT SCOPE'S SMOKE COMPARTMENTS ARE SHOWN FOR REFERENCE ONLY.

LIFE SAFETY LEGEND

-SXGXSXGXSXGXSX-	EXISTING SMOKE PARTITION
-S-S-S-S-S-S-S-	NEW SMOKE PARTITION
-X1FX1FX1FX1F-	EXISTING 1 HOUR FIRE BARRIER
-1F-1F-1F-1F-1F-	NEW 1 HOUR FIRE BARRIER
-X1FS-X1FS-X1FS-	EXISTING 1 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
-1FS-1FS-1FS-1FS-	NEW 1 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
-2F-2F-2F-2F-2F-	NEW 2 HOUR FIRE BARRIER
-2FS-2FS-2FS-2FS-	NEW 2 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
-X2FS-X2FS-X2FS-	EXISTING 2 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
-X1FSX1FSX1FS-	SMOKE BARRIER WITH FIRE RATING AS SHOWN ON PLAN FOR COMPARTMENTATION.
-3F-3F-3F-3F-3F-	NEW 3 HOUR FIRE BARRIER
-3FS-3FS-3FS-3FS-	NEW 3 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
	NEW PARTITION
	EXISTING PARTITION
FEC	FIRE EXTINGUISHER & CABINET (SCREENED IF EXISTING)
72	EXIT LOCATION AND WIDTH (IN INCHES) (SCREENED IF EXISTING)
20	FIRE RATING OF DOOR IN MINUTES (SCREENED IF EXISTING)
	EXIT LIGHT FIXTURE W/ DIRECTION (SCREENED IF EXISTING)
	SOLID FILL DENOTES FACE OF EXIT FIXTURE
	ARROW DENOTES FACE OF EXIT FIXTURE W/ DIRECTIONAL ARROW
FE	FIRE EXTINGUISHER SURFACE MOUNTED (SCREENED IF EXISTING)
	EXISTING EXIT PASSAGEWAY
	OUT OF SCOPE
	EXTENT OF SUITE 1
	EXTENT OF SUITE 2
X	LONGEST ROUTE TO AN ADJACENT SMOKE COMPARTMENT
	LONGEST ROUTE TO AN EXIT

LIFE SAFETY KEYNOTES:

1. CONTRACTOR TO REMOVE OR PAINT OVER ALL RATING LABELS ABOVE CEILING THAT ARE IN CONTRADICTION TO NEW RATING TAPES.
2. EXITING NOT REQUIRED AT THESE DOORS, AS EXITING SEPARATION DISTANCE IS SATISFIED BY EXITS IDENTIFIED AT WEST END OF SUITE.
3. HORIZONTAL EXIT TO ADJACENT OCCUPANCY.

SMOKE COMPARTMENT DATA: AREA 1D

TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:
10,835 SQ FT (22,500 SQ FT MAXIMUM ALLOWED)

TRAVEL DISTANCE TO A SMOKE BARRIER DOOR:
LONGEST LENGTH = 139'-0" (200' MAXIMUM ALLOWED)

AREA OF REFUGE REQUIRED FOR THIS ZONE:
109 OCCUPANTS X 6 SQ FT/OCCUPANT = 654 SQ FT

SQUARE FOOTAGE OF LOW HAZARD AREA = 10,660 SQ FT

EXISTING SUITE DATA: SUITE 1

- EXITING NOT ALLOWED THROUGH SUITE.
- 5,545 SF SHOWN, 10,000 SF ALLOWED.
- 2 EXITS SHOWN, 2 EXITS REQUIRED.
- ± 92' MAXIMUM EXIT TRAVEL DISTANCE SHOWN. 100' MAXIMUN EXIT TRAVEL DISTANCE ALLOWED W/ ONE INTERVENING ROOMS. — 06 IBC 1014.2.2 # 4
- 23 OCCUPANTS (5,545 SF/1 OCCUPANT/240 SF), DOORS ARE NOT REQUIRED TO SWING OUTWARD.

SUITE DATA: SUITE 2

- EXITING NOT ALLOWED THROUGH SUITE.
- 2,051 SF SHOWN, 10,000 SF ALLOWED.
- 2 EXITS SHOWN, 1 EXIT REQUIRED.
- ± 49' MAXIMUM EXIT TRAVEL DISTANCE SHOWN. 50' MAXIMUN EXIT TRAVEL DISTANCE ALLOWED W/TWO INTERVENING ROOMS. 06 IBC 1014.2.2 # 5
- 9 OCCUPANTS (2,051 SF/1 OCCUPANT/240 SF), DOORS ARE NOT REQUIRED TO SWING OUTWARD.

1501 S. POTOMAC ST.
IBC I-2 OCCUPANCY
IBC TYPE 1A - SPK.
PERMIT # 09-443746 LT.

CATH LABS #4
CHANGE OF O/O
FROM 'B' TO 'I-2'
OCCUPANCY

1455 S. POTOMAC ST.
EXISTING: B OCCUPANCY
TYPE IN - NON SPRINKLER
PERMIT # 09-443744 LT.

SMOKE COMPARTMENT DATA: AREA 2A

TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:
1,754 SQ FT (22,500 SQ FT MAXIMUM ALLOWED)

TRAVEL DISTANCE TO A SMOKE BARRIER DOOR:
LONGEST LENGTH = 49'-0" (200' MAXIMUM ALLOWED)

AREA OF REFUGE REQUIRED FOR THIS ZONE:
7 OCCUPANTS X 6 SQ FT/OCCUPANT = 42 SQ FT

SQUARE FOOTAGE OF LOW HAZARD AREA = 1,754 SQ FT

[redacted] - EXISTING 3 HR. FIRE WALL SEPARATING 1455 S. POTOMAC ST. & 1501 S. POTOMAC ST.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09
09-443744
09-443746

01 CODE COMPLIANCE PLAN – PARTIAL FIRST FLOOR
1/8" = 1'-0"

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

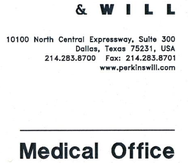
Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

KEY PLAN
FIRST FLOOR



STATE OF COLORADO
TRUDY K. McDOUGAL
203601
LICENSED ARCHITECT
12-10-09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	HA
Checked	JMN
Approved	CG

Title

CODE COMPLIANCE PLAN – PARTIAL FIRST FLOOR

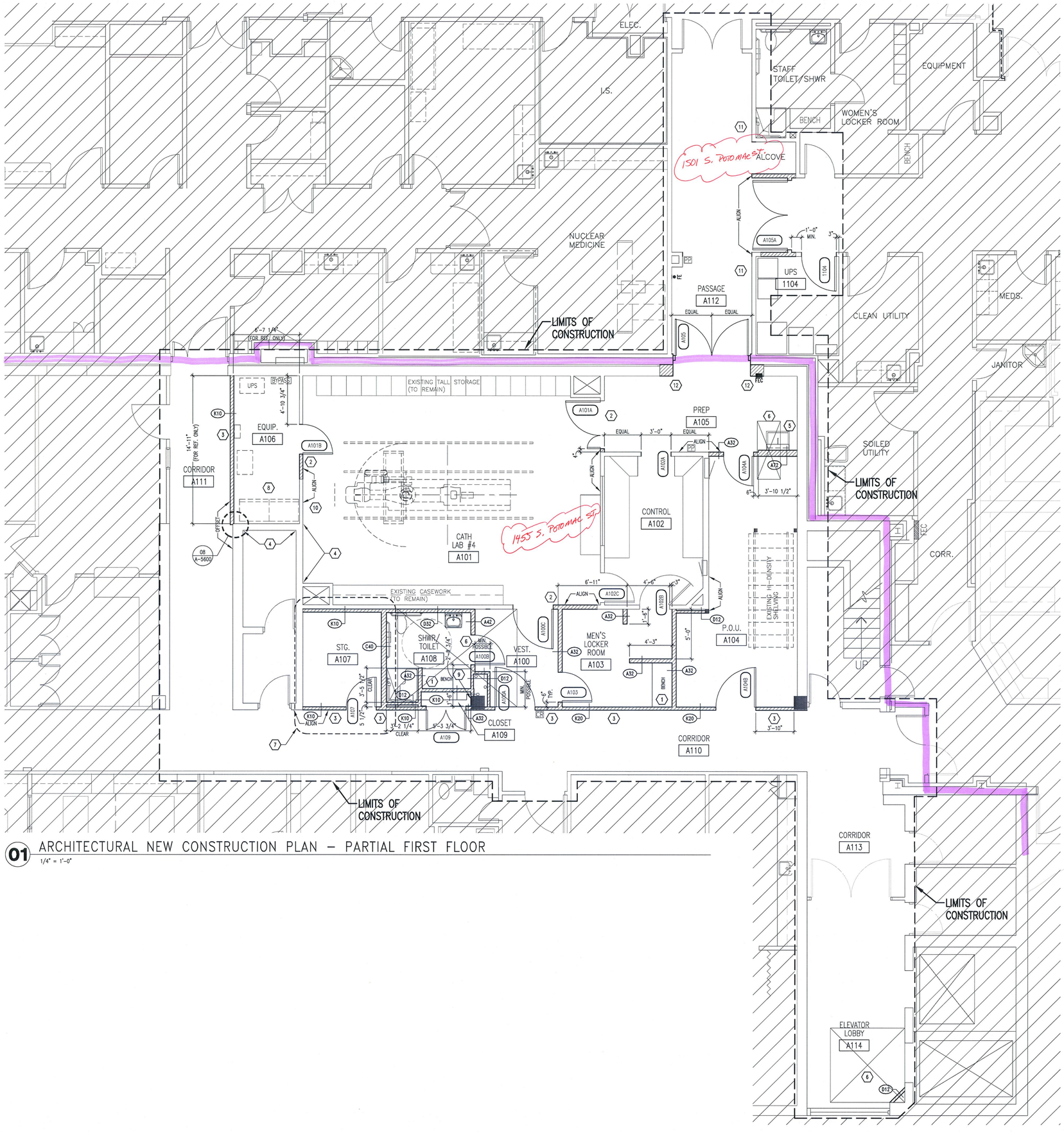
Sheet

A-0111

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:59pm
Drawing No. (142542.000) RCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-0111.dwg
SCHMIDT



01 ARCHITECTURAL NEW CONSTRUCTION PLAN – PARTIAL FIRST FLOOR

1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES:

1. PARTITION TYPES ARE SCHEDULED ON SHEET A-8101. RE: SHEET A-0101 FOR GRAPHIC EXTENT OF FIRE RATED PARTITIONS. REFER TO PARTITION TYPE LEGENDS FOR LOCATION OF SOUND ATTENUATION BLANKETS.
2. REFER TO SHEET A-0000 FOR ADDITIONAL GENERAL NOTES.
3. ALL PARTITIONS ARE TYPE "A41" UNLESS OTHERWISE NOTED.
4. DIMENSIONS SHOWN ON THE FLOOR PLANS FOR NEW CONSTRUCTION ARE TO THE FACE OF FINISH OF INTERIOR WALLS, TO CENTER LINE OF COLUMNS AND TO FACE OF CONCRETE OR MASONRY WALLS, UNLESS OTHERWISE INDICATED. DIMENSIONS IN RENOVATED AREAS ARE FROM FINISH FACE OF EXISTING WALLS AND TO FINISH FACE OF NEW STUD WALLS, UNLESS OTHERWISE INDICATED.
5. WHERE NEW GYPSUM BOARD PARTITIONS ARE A CONTINUATION OF AN EXISTING PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE NEW GYPSUM BOARD SHALL BE ALIGNED WITH THE FACE OF THE EXISTING SURFACE. WHERE A ONE HOUR PARTITION IS SHOWN AS A CONTINUATION OF A TWO-HOUR PARTITION OR COLUMN ENCASEMENT, THE FACE OF THE GYPSUM BOARD SHALL BE ALIGNED. STUDS SHALL BE OFFSET AND ADDITIONAL LAYERS OF GYPSUM BOARD SHALL BE PROVIDED AS REQUIRED TO PROVIDE FACE ALIGNMENT OF GYPSUM BOARD.
6. CLINICAL SINKS SHALL BE MOUNTED SO THAT THE CENTERLINE OF THE SINK IS 1'-6" MINIMUM TO THE FACE OF THE ADJACENT FIXED EQUIPMENT, SIDE WALL, CASEWORK, ETC.
7. ALL PATIENT CORRIDORS AND PASSAGEWAYS SHALL BE 8'-0" MINIMUM CLEAR WIDTH.
8. SEE SHEET A-5600 FOR TYPICAL MOUNTING HEIGHTS OF PLUMBING FIXTURES AND TOILET ACCESSORIES.
9. LAVATORIES AND SINKS SHALL BE ACCOMPANIED BY A PAPER TOWEL DISPENSER "TA3" AND SOAP DISPENSER "TA6" UNLESS OTHERWISE NOTED ON ENLARGED FLOOR PLANS. SEE SHEET A-2101 FOR ADDITIONAL INFORMATION.
10. REFER TO SHEET A-5600 FOR MISCELLANEOUS DETAILS.
11. PROVIDE 1'-0" CLEAR FLOOR SPACE AT THE PUSH SIDE OF EVERY DOOR WITH A CLOSER. PROVIDE 1'-6" CLEAR AT THE PULL SIDE OF EVERY DOOR UNLESS SPECIFICALLY DIMENSIONED OTHERWISE.
12. ALL LAVATORIES AND SINKS SHALL BE MOUNTED A MINIMUM OF 1'-3" FROM THE CENTERLINE OF THE FIXTURE TO THE FINISHED FACE OF THE ADJACENT PARTITION.
13. REFER TO SHEET A-2101, "EQUIPMENT AND MILLWORK PLAN" FOR WALL PROTECTION LOCATIONS.
14. REFER TO SHEET A-5600 FOR ALL TOILET ACCESSORY SPECIFICATIONS AND HEIGHTS.
15. PROVIDE ROOM IDENTIFICATION SIGNAGE TO MATCH THE ROOM IDENTIFICATION SIGNAGE PROVIDED ON THE ADJACENT AURORA BED TOWER ADDITION PROJECT.

FLOOR PLAN LEGEND

- EXISTING PARTITION TO REMAIN
- NEW PARTITION
- V.I.F. VERIFY IN FIELD
- 05 / A-5600 SECTION TAG
- A103 DOOR IDENTIFICATION RE: SHEET A-8200 FOR HEAD, JAMB & SILL DETAILS
- A31 WALL PARTITION TAG RE: SHEET A-8101
- 01 / A-2000 ENLARGED FLOOR PLAN BUBBLE
- NOT IN SCOPE OF WORK
- CR CARD READER, FIXTURE AND FINAL CONNECTION BY SECURITY VENDOR. CONTRACTOR TO PROVIDE/INSTALL CONDUIT AND CABLE.
- PB PUSH PAD DOOR ACTIVATOR BY DOOR HARDWARE SUPPLIER

FLOOR PLAN KEYNOTES:

1. PROVIDE NEW 18" HI, 24" DEEP ADA COMPLIANT FIXED BENCH. BENCH TO BE PLASTIC LAMINATE CLAD ON ALL EXPOSED VERTICAL SURFACES WITH SOLID SURFACE SEAT.
2. PATCH OPENING WITH NEW LEAD LINED WALL TO MATCH ADJACENT WALL. LEAD THICKNESS TO BE 1/16" TO MATCH ADJACENT LEAD SHIELDING IN WALL, DOOR AND DOOR FRAME.
3. INSTALL SHAFT LINER TO CORRIDOR SIDE OF NEW PARTITION. PROVIDE 5/8" GYP. BD. TO 6" ABOVE FINISH CEILING ON CORRIDOR SIDE.
4. SEAL ALL PENETRATIONS WITH U/L LISTED WALL PENETRATION SYSTEM.
5. NEW LOCATION FOR EXISTING RELOCATED SCRUB SINK AND SUPPORTS. REFER TO PLUMBING PLANS.
6. NEW CONCRETE SLAB AT WATERLINE REWORK. RE: DETAIL 07/A-5600.
7. NEW PARTITION DIVIDING TOILET ROOM AND STORAGE ROOM TO BE INSTALLED IN PHASE II. COORDINATE W/GENERAL CONTRACTOR.
8. NEW LOCATION FOR EXISTING RELOCATED EQUIPMENT. COORDINATE W/EQUIPMENT VENDOR.
9. APPLY NEW 5/8" GYP. BD. DIRECTLY TO FACE OF EXISTING COLUMN.
10. ADD BLOCKING IN WALL AT THIS LOCATION. RE: SHEET A-2101 FOR EQUIPMENT.
11. TOP OUT CORRIDOR WALL ON ONE SIDE TO CREATE SMOKE RESISTANT PARTITION. SEAL ALL PENETRATIONS.
12. NEW CONCRETE SLAB AT STRUCTURAL REINFORCING. RE: STRUCTURAL FOR CONDITIONS OF BUILD BACK.

– EXISTING 3 HR. FIRE WALL
* SEE SHEET A-0111 FOR COMPLETE RATING OF WALLS

NOTE:
ALL SITEWORK SHALL BE DONE UNDER A SEPARATE PERMIT.

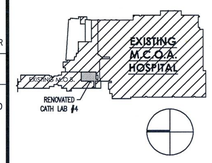
CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/10/09
09-443744
09-443746

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:
MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4725
F: 303.694.5125
STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6886

KEY PLAN
FIRST FLOOR





Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

ARCHITECTURAL NEW CONSTRUCTION PLAN
PARTIAL FIRST FLOOR

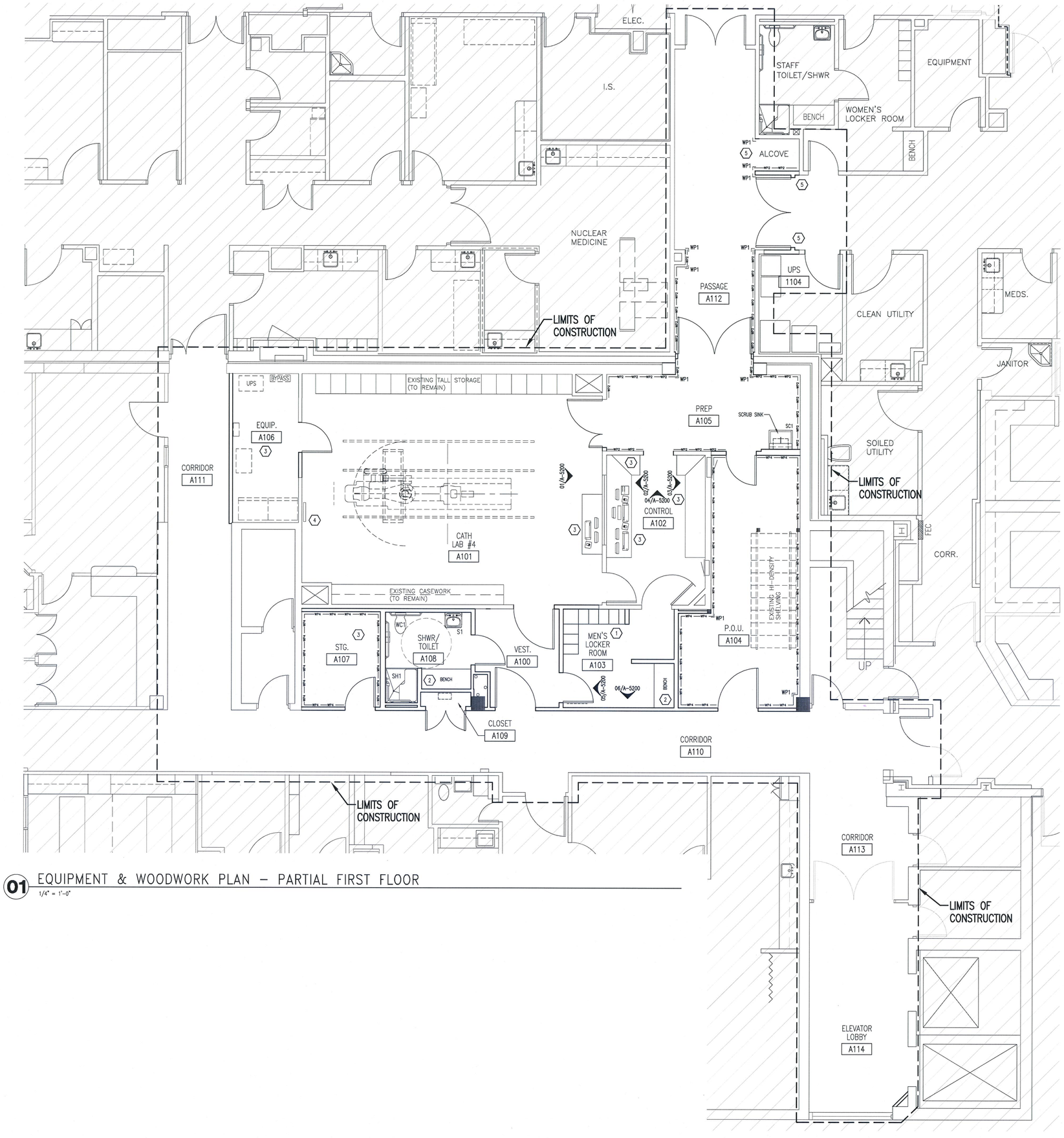
Sheet

A-2001

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:51pm
P:\Jobfiles\142542.001 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-2001.dwg
SCHMIDT



01 EQUIPMENT & WOODWORK PLAN – PARTIAL FIRST FLOOR

1/4" = 1'-0"

EQUIPMENT PLAN GENERAL NOTES:

1. THE CONTRACTOR SHALL VERIFY AND COORDINATE CLEAR DIMENSIONS REQUIRED FOR OWNER FURNISHED EQUIPMENT THAT ARE LOCATED WITHIN OR ADJACENT TO ANY PIECE OF ARCHITECTURAL WOODWORK.
2. REFER TO "EQUIPMENT AND MILLWORK PLAN", SHEET A-2101 FOR WALL PROTECTION LOCATIONS.
3. ALL GLOVE DISPENSERS AND SHARPS CONTAINERS TO BE OWNER FURNISHED, OWNER INSTALLED.
4. CONTRACTOR SHALL SUPPLY BLOCKING FOR MOUNTING OF EQUIPMENT UNLESS MOUNTING SUPPORT IS OTHERWISE FURNISHED AS PART OF THE EQUIPMENT.
5. ALL SINKS TO RECEIVE A TA3 PAPER TOWEL DISPENSER (C.F.C.I.), AND A TA8 SOAP DISPENSER (O.F.O.I.), UNLESS NOTED OTHERWISE. FOR ENLARGED TOILET ROOMS, AND RELATED TOILET ACCESSORIES, RE: SHEET A-5600.
6. ALL CEILING/AND OR WALL MOUNTED EQUIPMENT I.E.- TV'S, PROJECTOR'S ETC., SHALL BE MOUNTED AT 80" CLEAR ABOVE FINISHED FLOOR.
7. CONTRACTOR SHALL COORDINATE WITH OWNER ON DELIVERY AND INSTALLATION OF OWNER FURNISHED EQUIPMENT.
8. REFER TO SHEET A-5600 FOR MISCELLANEOUS EQUIPMENT MOUNTING HEIGHTS.
9. ALL CABINETS DRAWN IN PLAN AND SHOWN WITH AN ELEVATION MARK IN THE A-2101 ARE ARCHITECTURAL MILLWORK.

EQUIPMENT PLAN LEGEND:

TA8	TOILET ACCESSORY RE: SHEET A-5600 FOR LEGEND
	CONTRACTOR FURNISHED EQUIPMENT/ITEM
	OWNER FURNISHED OWNER INSTALLED EQUIPMENT/ITEM
	OWNER FURNISHED CONTRACTOR INSTALLED EQUIPMENT/ITEM
1/A-5200	INTERIOR ELEVATION TAG
WP1	WALL PROTECTION STYLE 1 – RE: SHEET A-5600
WP2 — WP2	WALL PROTECTION STYLE 2 – RE: SHEET A-5600
WP4 — WP4	WALL PROTECTION STYLE 4 – RE: SHEET A-5600
WC1	STANDARD TOILET CONFIGURATION RE: SHEET A-5600

EQUIPMENT PLAN KEYNOTES:

1. NEW LOCATION FOR RELOCATED EXISTING LOCKERS – PROVIDE NEW FIELD VERIFIED FILLER PANEL TO MATCH LOCKERS.
2. NEW MILLWORK LOCKER ROOM BENCH.
3. GENERAL CONTRACTOR TO COORDINATE THE REINSTALLATION OF EQUIPMENT WITH OWNER'S VENDOR.
4. SLAVE PATIENT MONITOR AND BRACKET. (O.F.O.I.)
5. REPAIR/REWORK WALL PROTECTION IN THIS AREA. ADD NEW CORNER GUARDS AS SHOWN.

PERKINS & WILL

10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building

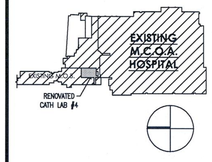
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

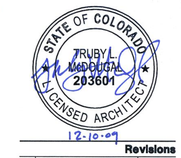
in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6886

KEY PLAN
FIRST FLOOR





Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

EQUIPMENT AND WOODWORK PLAN PARTIAL FIRST FLOOR

Sheet

A-2101

Issued for Construction

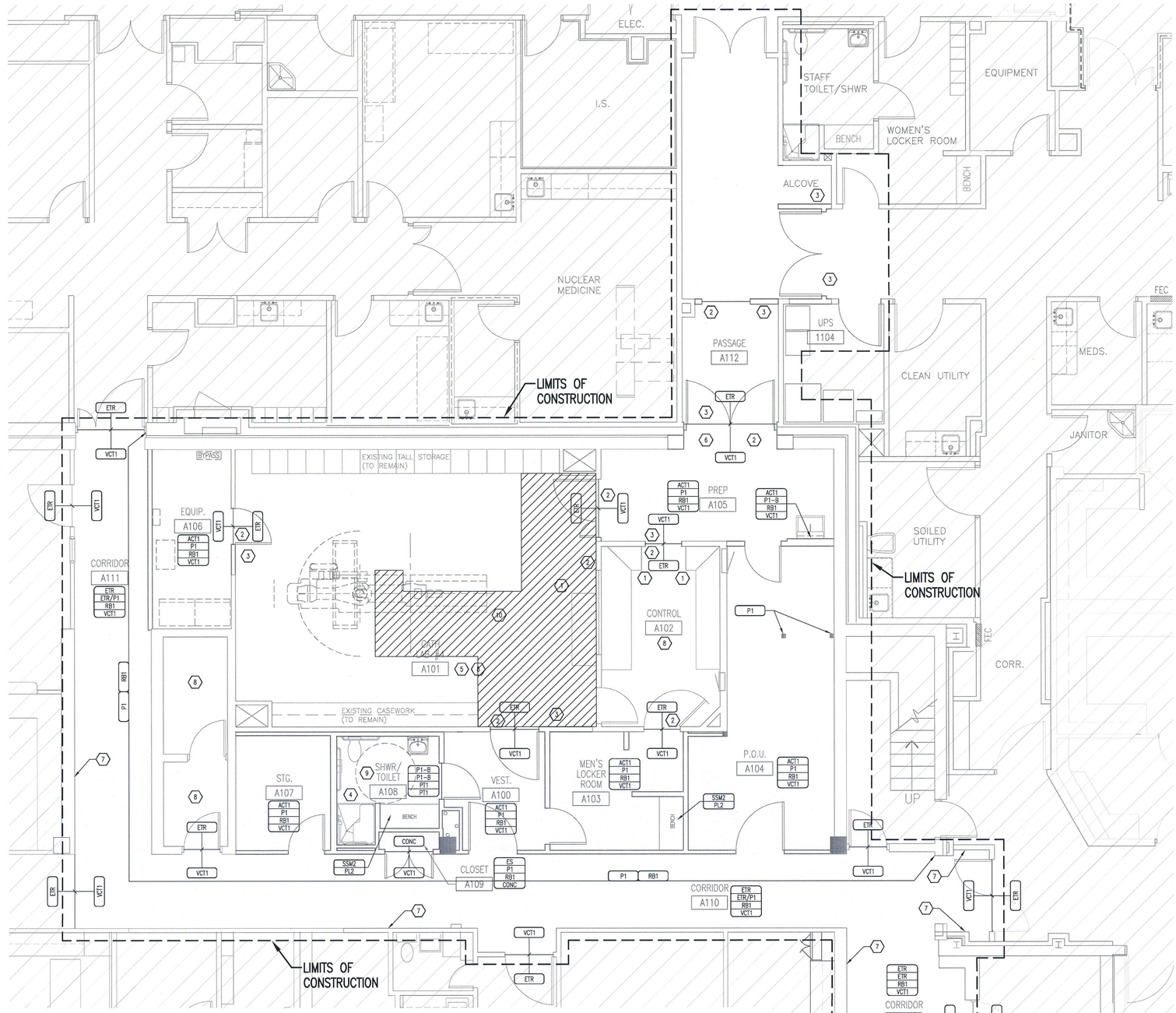
Copyright © 2005 PERKINS & WILL

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09

09-443744

09-443746

Dec 09, 2009 - 2:51pm
P:\Dallas\142542.000 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-2101.dwg
SCHMIDT



01 INTERIOR FINISH PLAN – PARTIAL FIRST FLOOR

1/4" = 1'-0"

INTERIOR FINISH LEGEND:

ACOUSTICAL CEILING TILE
ACT1
Manf: ARMSTRONG
Tile Style: DUNE 1773
Color: WHITE
Size: 2' x 4' SQUARE LAY-IN
Grid Style: 15/16" PRELUDE XL EXPOSED TEE
Color: WHITE

PORCELION TILE
PT1 MATCH EXIST. TOILET IN CATH LAB 1 & 2
Manf: MASTER TILE
Style/Series: CUMBERLAND BY ESQUIRE
Color: WALNUT CP27
Size: 18" x 18" x 3/8" (VERIFY)
Grout Color: CUSTOM BUILDING PRODUCTS, EPOXY, #380 HAYSTOCK

EXPOSED STRUCTURE
ES
Note: PAINT TO MATCH ADJ. SURFACE

PAINT
TYPE "A": PX Eggshell
TYPE "B": PX-B Epoxy Paint

P1
Manf: BENJAMIN MOORE
Color: SHAKER BEIGE

P2
Manf: BENJAMIN MOORE
Color: AC-2 BERKSHIRE BEIGE

PLASTIC LAMINATE
PL2
Manf: WILSONART
Color/Style: 7935-07 SHAKER CHERRY

RESILIENT WALL BASE & ACCESSORIES
RB1 (Wall Base)
Manf: JOHNSONTITE
Color: 22 PEARL
Size: 4" x 120'-0" ROLL

SHOWER CURTAIN (Not in Contract)
SHC1
Manf: FANTAGRAPH
Style: SC4040 SURECHEK (LINENWEAVE)
Color: 24 FROSTY

SOLID SURFACE
SM2
Manf: CORIAN
Color: BONE
Size: 1/2" THICK
Finish: MATTE

VINYL COMPOSITION TILE
VCT1
Manf: ARMSTRONG
Pattern: IMPERIAL TEXTURE
Color: 51811 ANTIQUE WHITE
Size: 12" x 12" x 1/8"

WALL PROTECTION
WP1 (CORNER GUARD)
Manf: IPC
Style: 160
Color: MONTERREY
Size: 2" W x 8'-0" H
Note: RE: DETAIL 01/A-5600

WP2 (HANDRAIL/CRASHRAIL)
Manf: IPC
Style: 1200
Color: MONTERREY
Size: 6-1/4" H

Manf: IPC
Style: 1600
Color: MONTERREY
Size: 6" H

WALL PROTECTION (CONTINUED)
WP4 (RIGID SHEET)
Manf: IPC
Style: 200
Color: MONTERREY
Size: 1-1/8" H

Manf: IPC
Style: 406
Color: MONTERREY
Size: 4' x 8' x .060 THICK

WOOD
WD2
Cut: QUARTER
Species: CHERRY
Finish: SATIN
Color: TO MATCH PL2

FINISH PLAN GENERAL NOTES:

1. REFER TO INTERIOR FINISH LEGEND FOR FINISH MANUFACTURER AND COLOR INFORMATION.
2. REFER TO SHEET A-5600 FOR FLOOR TRANSITION DETAILS.
3. ALL SHEET VINYL REPAIR/PATCH SEAMS SHALL BE TAKEN BACK TO NEAREST EXISTING SEAM.
4. MOISTURE TESTS TO BE PERFORMED BELOW ALL NEW FLOOR FINISHES TO DETERMINE REQUIREMENT OF WATER VAPOR OMISSION CONTROL SYSTEM.
5. REFER TO SHEET A-2101 FOR LAYOUT AND EXTENT OF WALL PROTECTION.

ROOM FINISH TAG
ACT1 / P1 / RB1 / VCT1 — CEILING FINISH / WALL FINISH / WALL BASE FINISH / FLOOR FINISH

MILLWORK FINISH TAG
SS1 / PL2 — COUNTERTOP / CABINET FRONT/ VERTICAL SURFACE

ETR — EXISTING TO REMAIN

P1 — FINISH TAG

VCT1 / ETR — FLOOR TRANSITION TAG

2 — KEYNOTE

NOT IN SCOPE OF WORK

FINISH PLAN KEYNOTES:

1. REWORK/PATCH EXISTING MILLWORK. USE PLASTIC LAMINATE TO MATCH EXISTING. RE: ELEVATIONS.
2. REWORK/PATCH EXISTING FLOOR FINISH. RE: GENERAL NOTE #3.
3. PREPARE WALL AND/OR FLOOR TO RECEIVE NEW FINISHES PER DEMOLITION AND NEW CONSTRUCTION PLANS. PATCH TO MATCH EXISTING FLOOR, BASE, WALL AND/OR CEILING FINISHES
4. FLOOR IN STAFF TOILET/SHOWER TO BE FLOATED TO ENSURE THAT TILE IS SLOPED TO FLOOR DRAIN.
5. SEE GENERAL NOTE #3 FOR ALL PATCH/REPAIR VINYL FLOOR SEAMS.
6. DO NOT APPLY NEW FLOORING OVER TOOLED COLD JOINT IN FLOOR SLAB AT THIS LOCATION. PROVIDE TRANSITION STRIP.
7. EXISTING WALL FINISH TO REMAIN ON THESE WALLS. INSTALL NEW FLOOR FINISH AND BASEBOARD AS INDICATED.
8. EXISTING FINISHES TO REMAIN.
9. MATCH FINISHES AND DESIGN OF EXISTING STAFF TOILET/SHOWER IN CATH LAB # 1 AND 2.
10. FLOAT NEW CONCRETE SLAB OVER TRENCH DUCT. PATCH FLOOR FINISH TO MATCH EXISTING. RE: KEYNOTE #5.

VENDOR LIST:

SAMPLES AND ORDER INFORMATION

NOTE: HCA HAS NEGOTIATED PURCHASING AGREEMENTS FOR FINISH PRODUCTS. THE CONTRACTOR/ SUB-CONTRACTOR MUST PRICE AND PURCHASE ALL MATERIALS THROUGH THE VENDORS LISTED. MINIMUM QUANTITIES ARE STATED. ALL ORDERS UNDER BOLT/ROLL ARE SUBJECT TO A CUTTING CHARGE. ALL MATERIALS MAY NOT BE READILY IN STOCK. CONTRACTOR/SUB-CONTRACTOR ORDERS SHOULD ALLOW ENOUGH TIME TO RECEIVE GOODS BEFORE INSTALLATION DATE. ALL ORDERS MUST BE PROPERLY TAGGED WITH THE HCA ACCOUNT/QUOTE NUMBER AND THE NAME OF THE HCA FACILITY.

ARMSTRONG WORLD INDUSTRIES
SAMPLES:
ARMSTRONG COMMERCIAL FLOORING
2500 COLUMBIA AVENUE
LANCASTER, PA 17604
800-356-9301, EXT. 8788
800-599-9335 FAX
EMAIL: www.armstrong.com
ORDERS:
ORDERS THROUGH LOCAL DISTRIBUTORS
QUOTE: HCA FACILITY NAME FOR NATIONAL ACCOUNT PRICING, QUOTE HCA 615001
QUESTIONS:
GWEN BOGLE
800-356-9301, EXT. 8788
615-781-8592
EMAIL: glbogle@armstrong.com

JOHNSONITE
SAMPLES:
JOYCE EVANS, DEPT. MGR.
800-899-8916, OPTION 5 (SAMPLES)
www.johnsonite.com
ORDERS:
PLACE ORDERS WITH LOCAL FLOORING DISTRIBUTOR
HCA CONTRACT 3SPA-22702
MICHELLE BALDWIN, BPI
800-621-9810, EXT. 1253
QUESTIONS:
PAM RUSSELL, BPI
800-621-9810, EXT. 1662

FINISH PLAN NOTES:

FLOOR FINISH:
A. ALL FLOOR TRANSITIONS ARE TO OCCUR AT THE CENTERLINE OF DOOR WHEN DOOR IS IN CLOSED POSITION.

B. REFER TO SHEET A-5600 FOR TRANSITION AND THRESHOLD DETAILS.

C. RESILIENT FLOOR TRANSITION COLOR TO BE: RB1

D. SCHLUTER FLOOR TRANSITION COLOR TO BE: AKB 80 BRIGHT COPPER/BRONZE ANODIZED ALUMINUM.

E. REFER TO INTERIOR FINISH PLAN FOR ALL FLOOR PATTERNS, IF REQUIRED.

WALL BASE:
A. ALL RUBBER BASE SHALL BE SEALED TIGHT TO FINISHED FLOOR.

B. PROVIDE SCHEDULED BASE ALONG BOTTOM OF EXPOSED FRONTS, BACKS, SIDES, AND ENDS OF ALL FIXED CABINETS, PEDESTALS, VERTICAL SUPPORT PANELS, KNEE SPACES, ETC., UNLESS NOTED OTHERWISE ON THE INTERIOR ELEVATIONS.

B. SHEET VINYL WITH INTEGRAL COVE BASE SHALL BE 6" A.F.F. WITH ALUMINUM METAL CAP TO MATCH EXISTING, UNLESS NOTED OTHERWISE.

WALL FINISH:
A. WALL TEXTURE SHALL BE LIGHT ORANGE PEEL, UNLESS NOTED OTHERWISE.

B. PAINT ALL WALLS TYPE "A", UNLESS NOTED OTHERWISE. SEE FINISH LEGEND FOR DEFINITION.

CEILING FINISH:
A. FURR-DOWN FINISH: P1 UNLES NOTED OTHERWISE.
VERTICAL SURFACES OF FURR-DOWN TO MATCH ADJACENT WALLS. HORIZONTAL SURFACES OF FURR-DOWN TO BE PAINTED TO MATCH CEILING COLOR, UNLESS NOTED OTHERWISE.

B. REFER TO CEILING PLAN FOR ALL CEILING HEIGHTS.

DOORS/WINDOWS:
A. DOOR FINISH TO BE WD2 U.N.O., REFER TO DOOR SCHEDULE ON SHEET A-8200.

B. INTERIOR HOLLOW METAL DOOR & FRAME TO BE PAINTED: P1, UNLESS NOTED OTHERWISE.

C. ALL VISION PANEL FRAMES SHALL BE PAINTED P1, UNLESS NOTED OTHERWISE.

MILLWORK:
A. REFER TO INTERIOR FINISH PLAN FOR PLASTIC LAMINATE FINISHES.

ACCESSORIES:
A. REFER TO SHEET A-2101 AND DETAILS FOR WALL PROTECTION (WP) LOCATIONS. REFER TO INTERIOR FINISH LEGEND FOR SPECIFIC PROFILES AND COLORS.

B. SHOWER CURTAIN TO BE SHC1, UNLESS NOTED OTHERWISE.

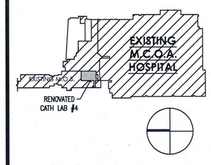
CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/10/09
09-443744
09-443746

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

In association with:
MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.6755
F: 303.694.5125
STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6886

KEY PLAN
FIRST FLOOR





Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	CR/JB
Checked	JMN
Approved	CG

Title

INTERIOR FINISH PLAN PARTIAL FIRST FLOOR

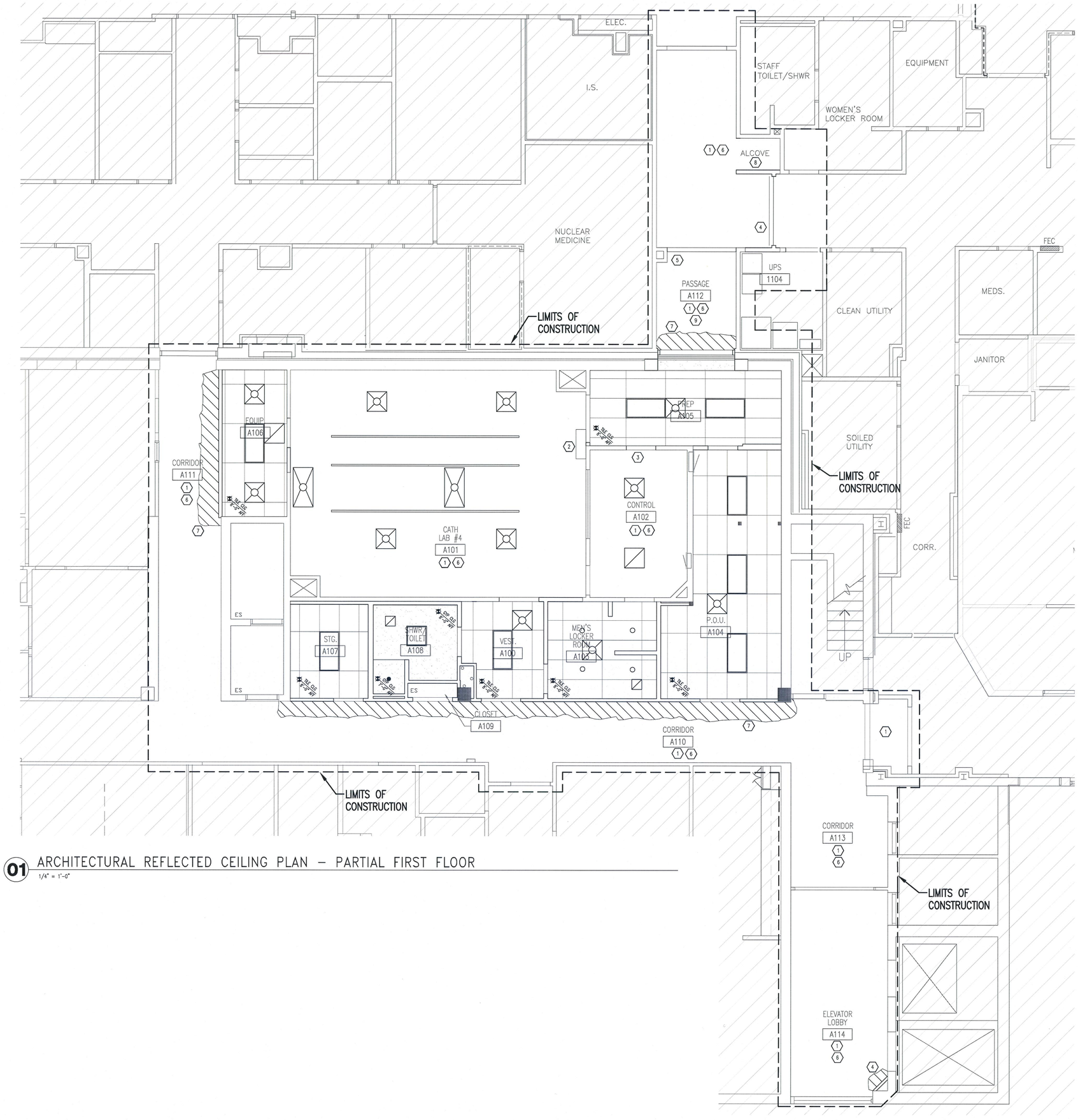
Sheet

A-2201

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:52pm
P:\Willos\142542.000 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-2201.dwg
SCHMITT



01 ARCHITECTURAL REFLECTED CEILING PLAN – PARTIAL FIRST FLOOR
1/4" = 1'-0"

RCP PLAN GENERAL NOTES

1. THE CONTRACTOR SHALL COMPARE THIS REFLECTED CEILING PLAN WITH ELECTRICAL LIGHTING PLANS, MECHANICAL SUPPLY, RETURN, AND EXHAUST PLANS. THE CONTRACTOR SHALL REPORT ANY OMISSIONS OR INCONSISTENCIES TO THE ARCHITECT.
2. SEE ELECTRICAL DRAWINGS FOR THE LOCATIONS OF CEILING MOUNTED SMOKE DETECTORS, SPEAKERS, NURSE CALL DOME LIGHTS, EXIT SIGNAGE, FIRE ALARM DEVICES, ETC. ALSO SEE ELECTRICAL FOR LOCATIONS OF WALL MOUNTED EXIT LIGHTS.
3. FOR FURTHER DIMENSIONS, SEE LARGE SCALE PLANS, SECTIONS, ELEVATIONS AND DETAILS.
4. SPRINKLER HEAD LOCATIONS ARE NOT SHOWN ON ARCHITECTURAL REFLECTED CEILING PLANS. CONTRACTOR TO INSTALL SUFFICIENT HEADS IN ALL SPACES TO PROVIDE 100% COVERAGE AS REQUIRED UNDER NFPA 13 AND OWNERS INSURANCE COMPANY REQUIREMENTS. HEADS SHALL BE LOCATED IN THE CENTER OF CEILING TILES, U.N.O.
5. THE CONTRACTOR SHALL VERIFY THAT ACCESS PANELS OF TYPE SPECIFIED ARE INSTALLED IN NON-ACCESSIBLE TYPE CEILINGS WHERE SERVICE OR ADJUSTMENT TO MECHANICAL, PLUMBING OR ELECTRICAL ITEMS MAY BE REQUIRED. ACCESS PANELS SHALL BE THE FIRE RATED TYPE EQUAL TO THE RATING OF THE WALL OR CEILING IN WHICH THEY OCCUR.
6. 18" MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN THE BOTTOM OF THE EXTENDED SPRINKLER HEADS AND THE TOP OF ANY FILES, SHELVING, LOCKERS, ETC.
7. RELOCATE SUPPLY DRAIN AND VENT PIPES TO MAINTAIN SCHEDULED CEILING HEIGHTS. COORDINATE RELOCATIONS WITH MEP ENGINEERS.
8. WHERE EXISTING LAY-IN CEILINGS ARE TO REMAIN, THE CONTRACTOR SHALL REPLACE ANY TILE THAT HAS BEEN DAMAGED WITH MATERIALS THAT MATCH THE EXISTING FOR COLOR, TEXTURE, PATTERN, ETC. IF UNIFORMITY CANNOT BE ACHIEVED, THE CONTRACTOR SHALL REPLACE THE ENTIRE CEILING WITHIN THE SPACE WITH NEW MATERIAL.

RCP LEGEND

- SUSPENDED 2' X 4' ACOUSTICAL CEILING SYSTEM
- SUPPLY AIR GRILLE RE: MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- RETURN AIR GRILLE RE: MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- EXHAUST AIR GRILLE RE: MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- 1 / A-5000 — DETAIL TAG
- MATL. 8'-0" AFF — CEILING HEIGHT DESIGNATION PER AREA IN PUBLIC AND STAFF TOILETS WHERE NO HEIGHT IS DESIGNATED, 8'-0".
- RECESSED CAN LIGHT FIXTURE
- SHOWER DOME LIGHT (BY SHOWER MANUFACTURER)
- GYP. BD. CEILING OR SUSPENDED CEMENT PLASTER SOFFIT

RCP KEYNOTES:

1. EXISTING CEILING AND LIGHTING TO REMAIN. REMOVE AND REPLACE CEILING TILES AS REQUIRED FOR ABOVE CEILING MEP INSTALLATIONS.
2. EXTEND EXISTING CEILING GRID AND TILE INTO AREA WHERE WALL OR FURRDOWN WAS REMOVED. RELOCATE SOUND SYSTEM SPEAKER TO FACE OF EXISTING WALL TO REMAIN.
3. PROVIDE NEW METAL STUD HEADER FOR CASED OPENING AT 7'-0" A.F.F.
4. CUT EXISTING CEILING AND PATCH AT NEW PARTITION.
5. MAINTAIN HEADER AT THIS LOCATION 1" BELOW LOWEST CEILING SYSTEM.
6. REFER TO MEP DRAWINGS FOR NEW WORK IN CEILING AREA.
7. EXISTING CEILING AND LIGHTING TO REMAIN. REMOVE AND REPLACE CEILING TILES AS REQUIRED FOR ABOVE CEILING CONSTRUCTION.
8. REWORK EXISTING CEILING GRID AND TILE IN THIS AREA.
9. EXISTING CEILING GRID AND TILE IS 8'-0" A.F.F. IN THIS AREA.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/10/09

09-443744

09-443746

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

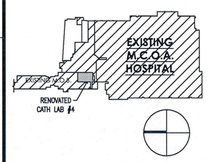
Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

KEY PLAN
FIRST FLOOR



STATE OF COLORADO
TRUBY L. MEDUCAL
203601
LICENSED ARCHITECT
12-10-09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

ARCHITECTURAL REFLECTED CEILING PLAN
PARTIAL FIRST FLOOR

Sheet

A-2401

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:52pm
P:\Jobs\142542.000 MOA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-2401.dwg
SCHMIDT

PERKINS
& WILL

10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building

1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

In association with:

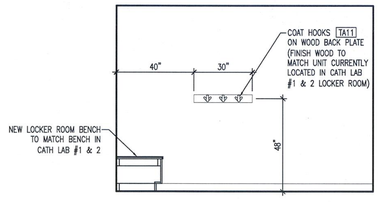
MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6886

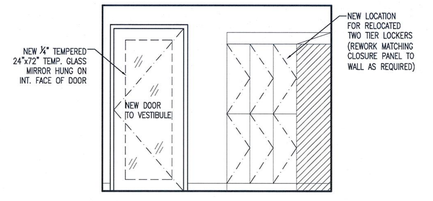
CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09

09-443744

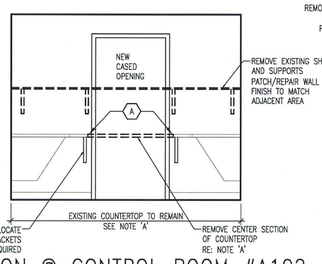
09-443746



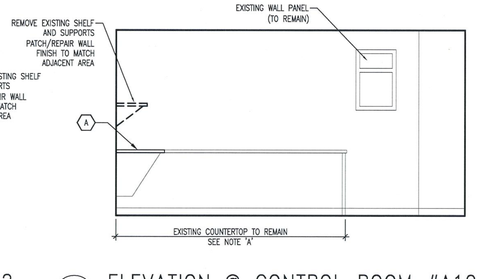
06 ELEVATION @ LOCKER ROOM #A103
3/8" = 1'-0"



05 ELEVATION @ LOCKER ROOM #A103
3/8" = 1'-0"

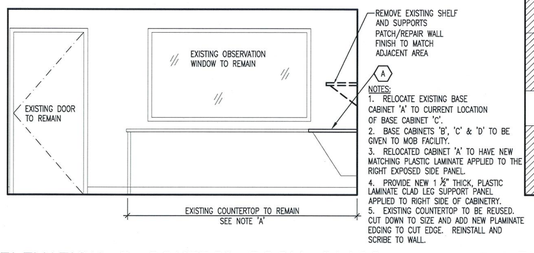


04 ELEVATION @ CONTROL ROOM #A102
3/8" = 1'-0"

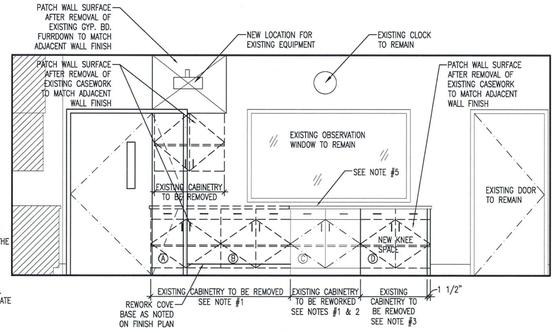


03 ELEVATION @ CONTROL ROOM #A102
3/8" = 1'-0"

NOTE:
(A) REMOVE EXISTING COUNTERTOP RETURN. CUT OFF CENTER SECTION AS SHOW ON ELEVATION #04 ON THIS SHEET. COVER NEW EDGE WITH MATCHING PLASTIC LAMINATE & ADD SUPPORT BRACE AS REQUIRED.



NOTES:
1. RELOCATE EXISTING BASE CABINET 'A' TO CURRENT LOCATION OF BASE CABINET 'C'.
2. BASE CABINETS 'B', 'C' & 'D' TO BE GIVEN TO MOB FACILITY.
3. RELOCATED CABINET 'A' TO HAVE NEW MATCHING PLASTIC LAMINATE APPLIED TO THE RIGHT EXPOSED SIDE PANEL.
4. PROVIDE NEW 1 ½" THICK, PLASTIC LAMINATE CLAD LEG SUPPORT PANEL APPLIED TO RIGHT SIDE OF CABINETRY.
5. EXISTING COUNTERTOP TO BE REUSED. CUT DOWN TO SIZE AND ADD NEW PLAMINATE EDGING TO CUT EDGE. REINSTALL AND SCRIBE TO WALL.



02 ELEVATION @ CONTROL ROOM #A102
3/8" = 1'-0"

01 ELEVATION @ CATH LAB 4 #A101
3/8" = 1'-0"

STATE OF COLORADO
TRUDY J. MEDUGAL
203601
LICENSED ARCHITECT
12.10.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

ARCHITECTURAL INTERIOR ELEVATIONS

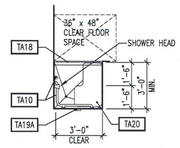
Sheet

A-5200

Issued for Construction

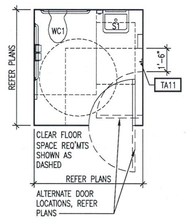
Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:53pm
P:\Dallas\142542.000 HCA Aurora Cath\Cad\Cath Lab 4 142542.001 dwgs\SHEETS\A-5200.dwg
SCHMIDTJ



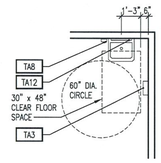
SH1 TYPICAL SHOWER

1/4" = 1'-0"



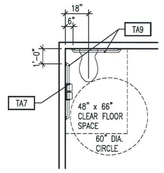
TR1 TYPICAL HC TOILET ROOM

1/4" = 1'-0"



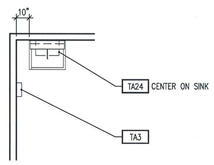
S1 TYPICAL HC HANDWASH SINK

1/4" = 1'-0"



WC1 TYPICAL HC ACCESSIBLE WATER CLOSET

1/4" = 1'-0"



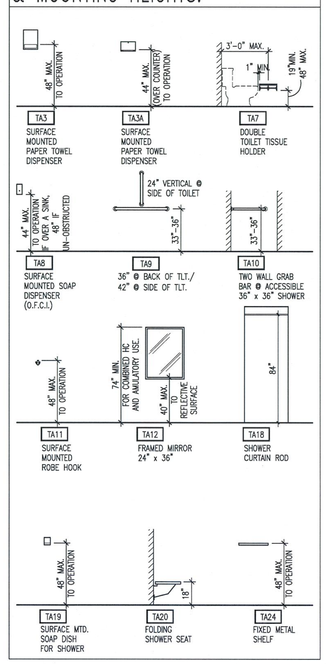
SC1 TYPICAL SURGICAL SCRUB SINK

1/4" = 1'-0"

ENLARGED PLAN GENERAL NOTES:

1. ALL WATER CLOSETS SHALL BE MOUNTED 1'-6" FROM THE CENTER OF THE WATER CLOSET TO THE FINISHED SURFACE OF THE SIDE WALL.
2. ALL SINKS AND LAVATORIES SHALL BE 1'-3" MINIMUM FROM THEIR CENTER LINE TO THE FINISHED SURFACE OF THE SIDE WALL.
3. "FLOOR MOUNTED" TOILETS SHALL HAVE A 6" STUD WALL BEHIND THEM.
4. REFER TO SHEET A-0102 FOR DETAIL AT RECESSED TOILET ACCESSORIES IN A FIRE RATED WALL.
5. CENTER MIRRORS OVER THE LAVATORY.
6. ALL FLUSH CONTROLS SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS, NO MORE THAN 44 INCHES ABOVE FINISHED FLOOR.
7. ALL DIMENSIONS SHOWN ARE CLEAR DIMENSIONS TO THE FACE OF THE FINISHED WALL.
8. ALL SOAP DISPENSERS TO BE OWNER FURNISHED, OWNER INSTALLED.
9. SEE SPECIFICATION SECTION 10801 FOR THE DESCRIPTION OF EACH TOILET AND RELATED ACCESSORY LISTED ON THIS DRAWING.

TOILET ACCESSORIES LEGEND & MOUNTING HEIGHTS:



08 PLAN DETAIL @ WALL INTERSECTION

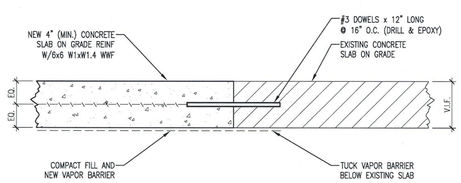
1 1/2" = 1'-0"

06 SECTION NOT USED

1 1/2" = 1'-0"

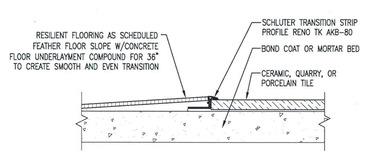
CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09

09-443744
09-443746



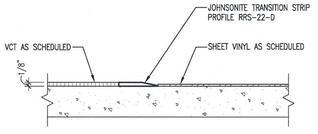
07 SECTION @ SLAB REPAIR

1 1/2" = 1'-0"



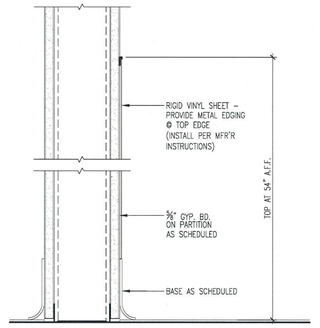
05 TILE OR RESILIENT TRANSITION

6" = 1'-0"



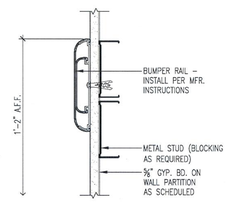
04 SHEET VINYL/VCT TRANSITION

6" = 1'-0"



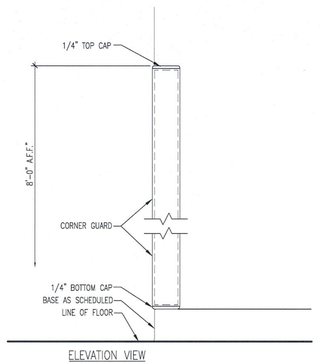
03 WALL PROTECTION – WP4

3" = 1'-0"

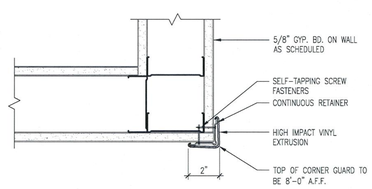


02 WALL PROTECTION – WP2

3" = 1'-0"



ELEVATION VIEW



NOTE:
REFERENCE SHEET A-2201 (INTERIOR FINISH LEGEND) FOR ADDITIONAL WALL PROTECTION (WPx) INFORMATION. EXTENT AND LOCATIONS OF WALL PROTECTION IS SHOWN ON SHEET A-2101.

01 WALL PROTECTION – WP1

3" = 1'-0"

PERKINS & WILL

10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building

1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

STATE OF COLORADO
TRUDY L. MISDUGAL
203601
LICENSED ARCHITECT
12.18.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

TOILET ACCESSOIES & MISCELLANEOUS INTERIOR DETAILS

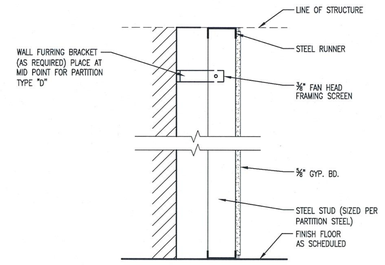
Sheet

A-5600

Issued for Construction

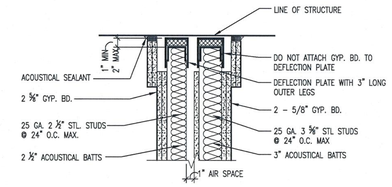
Copyright © 2005 PERKINS & WILL

Dec 09, 2009 - 2:54pm
P:\Jobs\142542.000 HCA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-5600.dwg
SCHMIDT



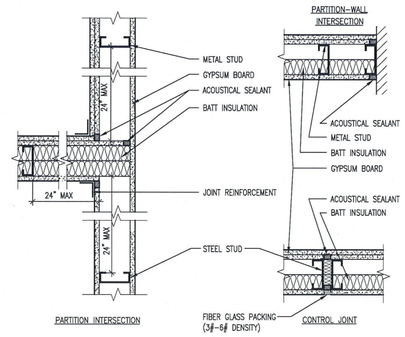
20 PARTITION DETAIL AT BRACING

1 1/2" = 1'-0" — ❶ FREE STANDING FURRING C1010.03-1P



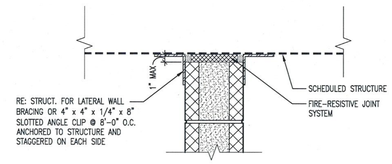
16 ACOUSTICAL HEAD DETAIL

1 1/2"=1'-0" — HEAD ❶ PARTITION "J" C1010.03-1M



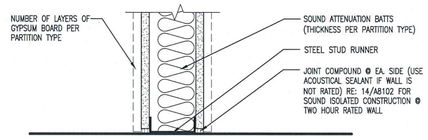
12 ACOUSTICAL DETAILS

1 1/2" = 1'-0" — PLANS ❶ PARTITION INTERSECTIONS AND GYP. CONTROL JOINTS C1010.03-1H



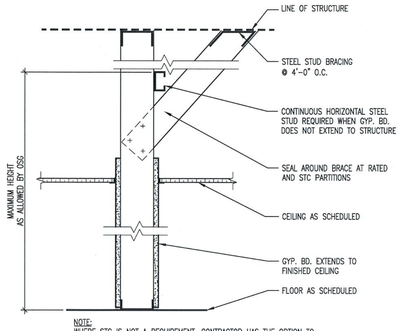
08 PARTITION DETAIL

1 1/2" = 1'-0" — ❶ RATED CMU, UL DESIGN # U905 (2 HR) C1010.03-2B



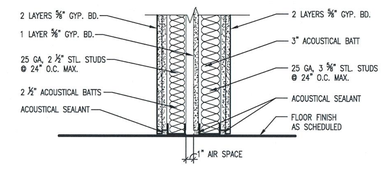
04 PARTITION FLOOR DETAIL

1 1/2" = 1'-0" — ❶ TYPICAL MTL. STUD PARTITION U645 (1 HR), U411 (2 HR), U419 (1HR) C1010.03-1D



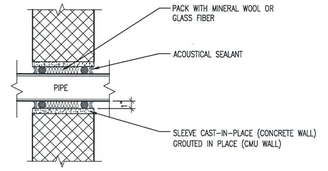
19 PARTITION DETAIL AT BRACING

1 1/2" = 1'-0" — WHEN PARTITION EXCEEDS MAXIMUM HEIGHT ALLOWES BY USG C1010.03-1N



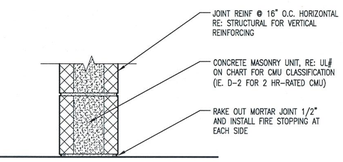
15 ACOUSTICAL DETAIL AT FLOOR

1 1/2" = 1'-0" — ❶ FLOOR OF PARTITION "J" C1010.03-1L



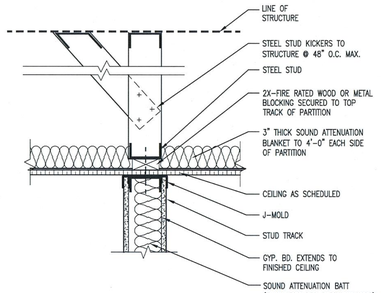
11 ACOUSTICAL DETAIL

1 1/2" = 1'-0" — ❶ PIPE PENETRATION THRU CONCRETE OR CONCRETE BLOCK C1010.03-2D



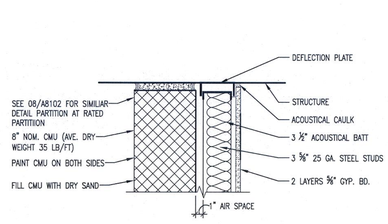
07 PARTITION FLOOR DETAIL

1 1/2" = 1'-0" — ❶ RATED CMU UL DESIGN #U905 (2 HR) C1010.03-2A



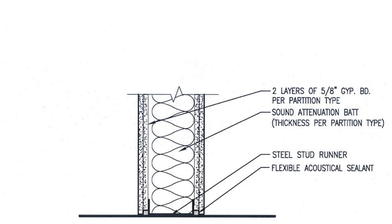
03 PARTITION HEAD DETAIL

1 1/2" = 1'-0" — WHERE STUDS & GYPSUM BOARD STOP AT THE CEILING C1010.03-1C



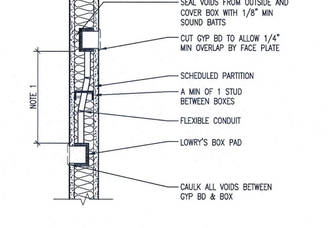
18 PARTITION HEAD DETAIL (STL 65)

1 1/2" = 1'-0" — ❶ COMPOSITE CMU/GYP. BD. C1010.03-2F



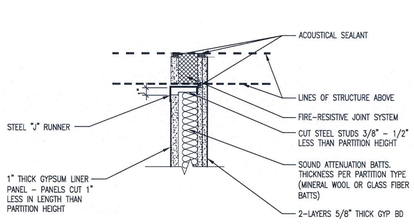
14 ACOUSTICAL DETAIL

1 1/2" = 1'-0" — ❶ FLOOR OF 2-HR RATED PARTITION OF NON-RATED PARTITION WITH AN STC REQUIREMENT C1010.03-1J



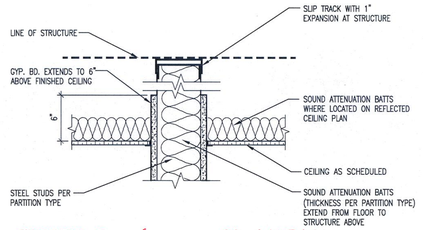
10 ACOUSTICAL DETAIL

1 1/2" = 1'-0" — ❶ BACK BOX INSTALLATION DETAIL ❷ NON-FIRE RATED PARTITION C1010.03-1G



06 PARTITION HEAD DETAIL

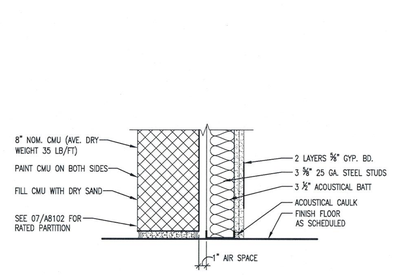
1 1/2" = 1'-0" — ❶ 2-HR RATED SHAFT WALL C1010.03-1F



CITY OF AURORA BUILDING DIVISION APPROVED AS NOTED DATE 12/14/09
09-443744
09-443746

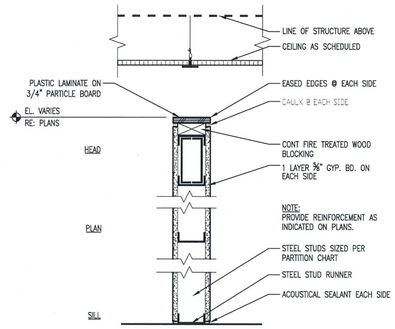
02 PARTITION HEAD DETAIL

1 1/2" = 1'-0" — ❶ NON-RATED W/ GYP. BRD. TO 6" ABOVE CEILING C1010.03-1B



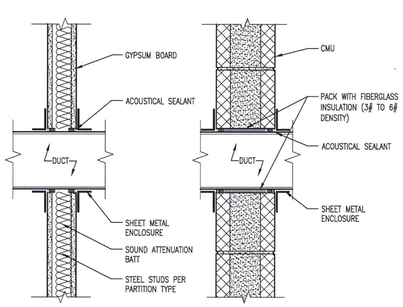
17 PARTITION FLOOR DETAIL (STL 65)

1 1/2" = 1'-0" — ❶ COMPOSITE CMU/GYP. BD. C1010.03-2E



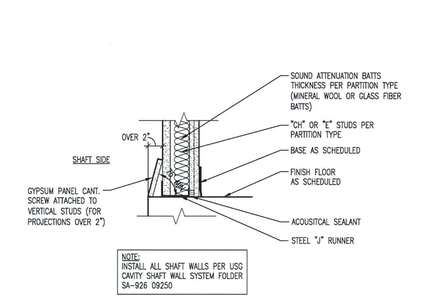
13 ACOUSTICAL DETAIL

1 1/2" = 1'-0" — ❶ PARTIAL HEIGHT WALL C1010.03-1I



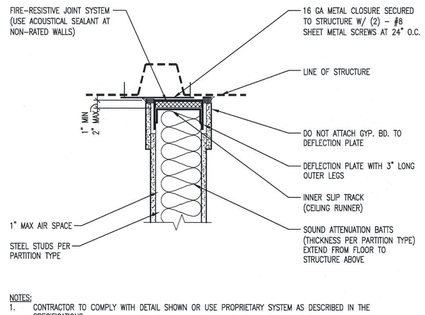
09 ACOUSTICAL DETAIL

1 1/2" = 1'-0" — ❶ DUCT PENETRATION THRU NON-FIRE RATED PARTITION C1010.03-2C C1010.03-1K



05 PARTITION FLOOR DETAIL

1 1/2" = 1'-0" — ❶ 2 HR RATED SHAFT WALL C1010.03-1E



NOTES:
1. CONTRACTOR TO COMPLY WITH DETAIL SHOWN OR USE PROPRIETARY SYSTEM AS DESCRIBED IN THE SPECIFICATIONS.
2. U419 - 1-HR RATED STUDS TO BE CUT 3/8" TO 3/4" LESS THAN ASSEMBLE HEIGHT.

01 PARTITION HEAD DETAIL

1 1/2" = 1'-0" — RATED WALL ❶ STRUCTURE U645 (1 HR), U411 (2 HR), U419 (1HR) C1010.03-1A

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:
MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125
STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6886

STATE OF COLORADO — TANDY L. McCOOL — 203601 — LICENSED ARCHITECT — 12.10.09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	GBG, RM
Checked	JMN
Approved	CG

Title

PARTITION DETAILS

Sheet

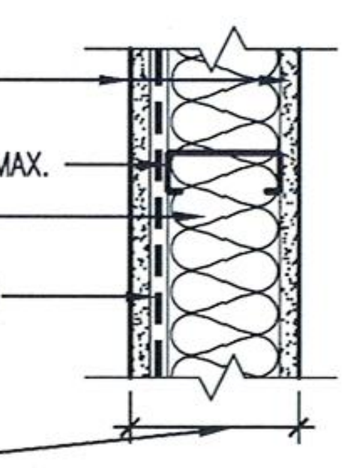
A-8100

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec. 09, 2009 - 2:54pm
P:\Dallas\142542.000 MOA Aurora Cath\CAD\Cath Lab 4 142542.001 dwgs\SHEETS\A-8100.dwg
SCHMIDTT

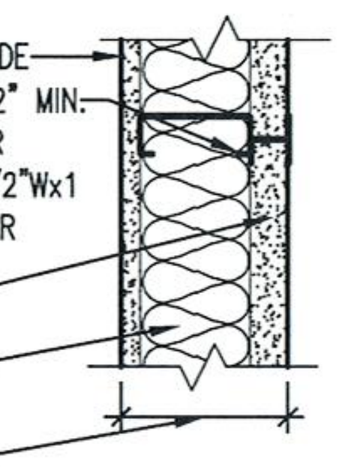
R



	R1_	STC	R2_	STC	R3_	STC	R4_	STC	R5_	STC	R6_	STC	HEAD	DETAIL NO.
1-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	R10	39	R20	47	R30	39	R40	47	R50	40	R60	48		1/A-8102 SIM
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE (SMOKE RESIST)	R11	39	R21	47	R31	39	R41	47	R51	40	R61	48		1/A-8102 SIM
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	R12		R22		R32		R42		R52		R62			2/A-8102 SIM
NON RATED WITH STUDS AND GYP. BD. TO FINISHED CEILING	R13		R23		R33		R43		R53		R63			2/A-8102 SIM
STUD SIZE	3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	4 7/8"		4 7/8"		5 1/4"		5 1/4"		7 1/4"		7 1/4"			
ACOUSTICAL INSULATION THICKNESS	—		3"		—		3"		—		5 1/2"			
ACOUSTICAL TEST NUMBER	USG 860808		USG 87017		USG 860808		USG 87017		USG 860808 NOTE 2		USG 870717 NOTE 3			
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U465		UL DES U465		UL DES U465		UL DES U465		UL DES U465		UL DES U465			

NOTES:
1. REFER TO SIMILAR FLOOR DETAIL 14/A-8102.
2. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
3. THE STC WAS MODIFIED FROM THE REFERENCE.
4. THE USE OF 20 GA STUDS WILL LOWER THE STC AS SHOWN.

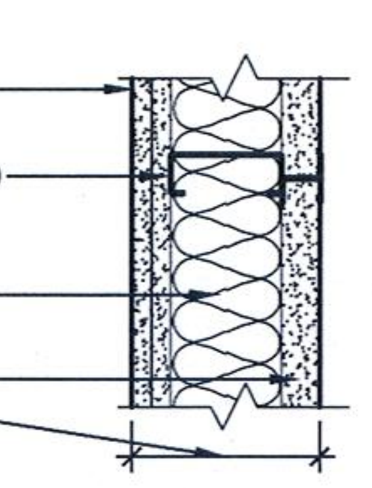
L



	L1_	STC	L2_	STC	L3_	STC	L4_	STC	L5_	STC	L6_	STC	L7_	STC	L8_	STC	HEAD	DETAIL NO.
2-HR RATED SHAFT WALL	L10	41	L20	50	L30	43	L40	51	L50	45	L60	52	L70	45	L80	52		06/A-8100
STUD SIZE	2 1/2"		2 1/2"		4"		4"		6" (C-H)		6" (C-H)		6" (2XE)		6" (2XE)			
BASIC PARTITION THICKNESS	3 3/4"		3 3/4"		5 1/4"		5 1/4"		7 1/4"		7 1/4"		7 1/4"		7 1/4"			
ACOUSTICAL INSULATION THICKNESS	—		1" NOTE 3		—		2 1/2"		—		4 1/2"		—		4 1/2"			
ACOUSTICAL TEST NUMBER	BISN 750704 NOTE 4		BISN 750704 NOTE 4		NOTE 4		NOTE 4		NOTE 4		NOTE 4		NOTE 4		NOTE 4			
FIRE TEST NUMBER	UL DES U467 OR U415(E)		UL DES U467 OR U415(E)		UL DES U415(E)		UL DES U415(E)		UL DES U415(E)		UL DES U415(E)		UL DES U415(E)		UL DES U415(E)			

NOTES:
1. SEE 5/A-8100 FOR DETAIL AT THE FLOOR.
2. USE MINERAL BATTS ONLY AT U467.
3. WHEN USING DESIGN U415(E), EITHER MINERAL WOOL OR GLASS FIBER BATTS ARE ACCEPTABLE.
4. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.

K



	K1_	STC	K2_	STC	K3_	STC	K4_	STC	K5_	STC	K6_	STC	HEAD	DETAIL NO.
2-HR RATED SHAFT WALL	K10	41	K20	50	K30	43	K40	50	K50	45	K60	51		06/A-8100
STUD SIZE	2 1/2"		2 1/2"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	3 3/4"		3 3/4"		5 1/4"		5 1/4"		7 1/4"		7 1/4"			
ACOUSTICAL INSULATION THICKNESS	—		1"		—		2 1/2"		—		4 1/2"			
ACOUSTICAL TEST NUMBER	USG 750302 NOTE 3		USG 750302 NOTE 3		NOTE 2		NOTE 2		NOTE 2		NOTE 2			
FIRE TEST NUMBER	UL DES U415(B)		UL DES U415(B)		UL DES U415(B)		UL DES U415(B)		UL DES U415(B)		UL DES U415(B)			

NOTES:
1. SEE 5/A-8100 FOR DETAIL AT THE FLOOR.
2. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
3. DENOTES STC MODIFIED FROM REFERENCE.

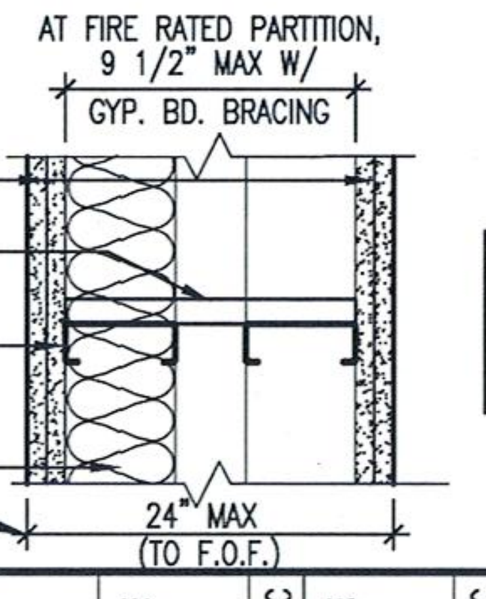
J



	J1_	STC	J2_	STC	J3_	STC	J4_	STC	J5_	STC	J6_	STC	HEAD	DETAIL NO.
1-HR RATED SHAFT WALL	J10	36	J20	45	J30	38	J40	47	J50	40	J60	48		06/A-8100
STUD SIZE	2 1/2"		2 1/2"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	3 1/8"		3 1/8"		4 5/8"		4 5/8"		6 5/8"		6 5/8"			
ACOUSTICAL INSULATION THICKNESS	—		1"		—		2 1/2"		—		4 1/2"			
ACOUSTICAL TEST NUMBER	NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2			
FIRE TEST NUMBER	UL DES U415(A)		UL DES U415(A)		UL DES U415(A)		UL DES U415(A)		UL DES U415(A)		UL DES U415(A)			

NOTES:
1. SEE 5/A-8100 FOR DETAIL AT THE FLOOR.
2. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.

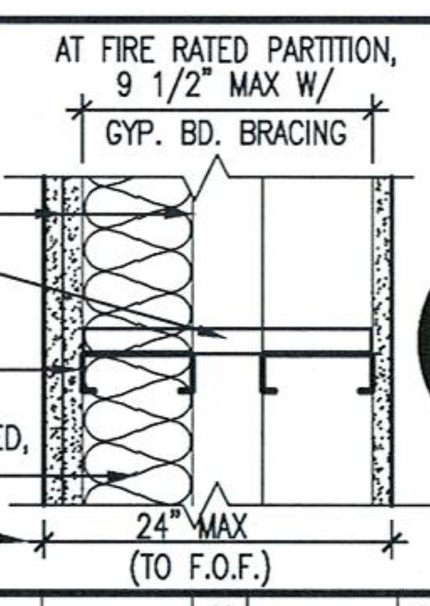
H



	H1_	STC	H2_	STC	H3_	STC	H4_	STC	H5_	STC	H6_	STC	H7_	STC	H8_	STC	H9_	STC	H10_	STC	HEAD	DETAIL NO.
2-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	H10	45	H20	50	X		X		X		X		X		X		X		X			1/A-8100 SIM
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	H11	45	H21	50	H31	53	H41	64	H51	54	H61	63	H71	54	H81	63	H91	55	H101	64		1/A-8100 SIM
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	H12		H22		H32		H42		H52		H62		H72		H82		H92		H102			2/A-8100 SIM
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING	H13		H23		H33		H43		H53		H63		H73		H83		H93		H103			3/A-8100 SIM
STUD SIZE	1 5/8"		1 5/8"		2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN			
ACOUSTICAL INSULATION THICKNESS	—		2 1/2"		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5			
ACOUSTICAL TEST NUMBER	TL 76-162 SIM.		TL 76-156 SIM.		TL 76-162 SIM.		TL 76-156 SIM.		NOTE 3		—		NOTE 3		—		NOTE 3		NOTE 3			
FIRE TEST NUMBER	UL DES U420 OR U436 NOTE4		UL DES U420 OR U436 NOTE4		—		—		—		—		—		—		—		—			

NOTES:
1. STEEL RUNNER BRACING SHALL BE A MIN. OF 4 1/2" LONG.
2. USE OF GYP. BD. BRACINGAT RATED WALLS, LIMITS THE STUD CAVITY DEPTH TO 9 1/2".
3. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
4. UL DESIGN INCLUDES A FIRE PROOFED STEEL TRUSS WITHIN THE CAVITY OF THE WALL.
5. ACOUSTICAL INSULATION IS IN ONE SIDE ONLY.
6. THE STC WAS BASED ON 25 GA STUDS.

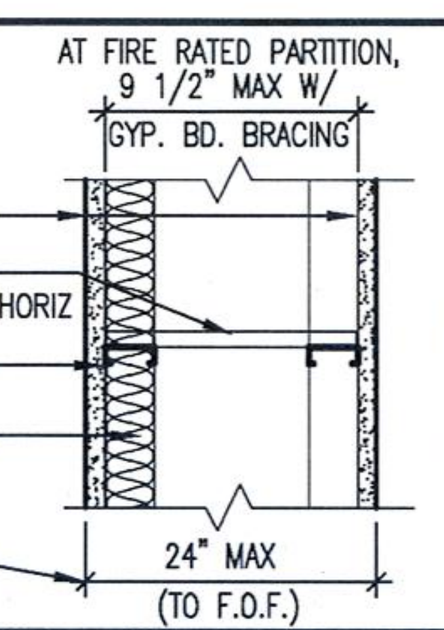
G



	G1_	STC	G2_	STC	G3_	STC	G4_	STC	G5_	STC	G6_	STC	G7_	STC	G8_	STC	G9_	STC	G10_	STC	HEAD	DETAIL NO.
1-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	G10	45	G20	55	G30	51	G40	59	X		X		X		X		X		X			1/A-8100 SIM
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	G11	45	G21	55	G31	51	G41	59	G51	52	G61	62	G71	52	G81	62	G91	52	G101	62		1/A-8100 SIM
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	G12		G22		G32		G42		G52		G62		G72		G82		G92		G102			2/A-8100 SIM
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING	G13		G23		G33		G43		G53		G63		G73		G83		G93		G103			3/A-8100 SIM
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS.	X		X		X		X		X		X		X		X		X		X			
STUD SIZE	1 5/8"		1 5/8"		2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN			
ACOUSTICAL INSULATION THICKNESS	—		3 1/2"		—		3 1/2"		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5			
ACOUSTICAL TEST NUMBER	NOTE 3		TL-76-155		NOTE 3		TL-76-155		NOTE 3		TL-76-155		NOTE 3		TL-76-155		NOTE 3		TL-76-155			
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U420		UL DES U420		UL DES U805-NOTE4		UL DES U805-NOTE4		—		—		—		—		—		—			

NOTES:
1. STEEL RUNNER BRACING SHALL BE A MIN. OF 4 1/2" LONG.
2. IF USE GYP. BD. BRACING AT RATED WALLS, IT LIMITS THE STUD CAVITY DEPTH TO 9 1/2".
3. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
4. UL DESIGN INCLUDES A FIRE PROOFED STEEL TRUSS WITHIN THE CAVITY WALL.
5. ACOUSTICAL INSULATION IS IN ONE SIDE ONLY.
6. REVEALS ARE ACCEPTABLE IN OUTER LAYER OF GYPSUM BOARD AND STILL MAINTAIN 1-HOUR FIRE RATING.
7. THE STC WAS BASED ON 25 GA STUDS.

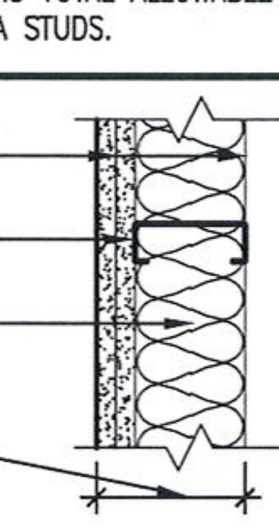
F



	F1_	STC	F2_	STC	F3_	STC	F4_	STC	F5_	STC	F6_	STC	F7_	STC	F8_	STC	F9_	STC	F10_	STC	HEAD	DETAIL NO.
1-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	F10	42	F20	50	F30	44	F40	53	X		X		X		X		X		X			1/A-8100 SIM
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	F11	42	F21	50	F31	44	F41	53	F51	45	F61	57	F71	45	F81	57	F91	45	F101	57		1/A-8100 SIM
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	F12		F22		F32		F42		F52		F62		F72		F82		F92		F102			2/A-8100 SIM
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING	F13		F23		F33		F43		F53		F63		F73		F83		F93		F103			3/A-8100 SIM
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS.	F14		F24		F34		F44		F54		F64		F74		F84		F94		F104			13/A-8100 SIM
STUD SIZE	1 5/8"		1 5/8"		2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN		SEE PLAN			
ACOUSTICAL INSULATION THICKNESS	—		3 1/2"		—		3 1/2"		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5		—		3 1/2" NOTE 5			
ACOUSTICAL TEST NUMBER	NOTE 3		TL-76-155		NOTE 3		TL-76-155		NOTE 3		TL-76-155		NOTE 3		TL-76-155		NOTE 3		TL-76-155			
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U420		UL DES U420		UL DES U805-NOTE4		UL DES U805-NOTE4		—		—		—		—		—		—			

NOTES:
1. STEEL RUNNER BRACING SHALL BE A MIN. OF 4 1/2" LONG.
2. USE OF GYP. BD. BRACING @ RATED WALLS, LIMITS THE STUD CAVITY DEPTH TO 9 1/2".
3. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
4. UL DESIGN INCLUDES A FIRE PROOFED STEEL TRUSS WITHIN THE CAVITY OF THE WALL.
5. ACOUSTICAL INSULATION IS RATED IN ONE SIDE ONLY.
6. IN FIRE RATED WALLS, 3 1/2" IS TOTAL ALLOWABLE ACOUSTICAL INSULATION THICKNESS.
7. THE STC WAS BASED ON 25 GA STUDS.

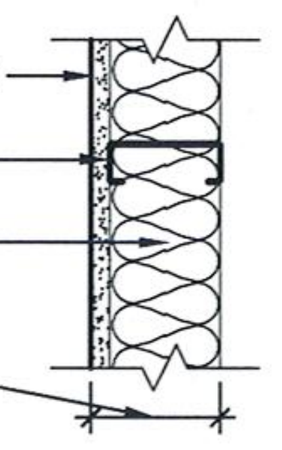
E



	E1_	STC	E2_	STC	E3_	STC	E4_	STC	E5_	STC	E6_	STC	E7_	STC	E8_	STC	HEAD	DETAIL NO.
1-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	X		X		X		X		X		X		X		X			
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	E11	33	E21	34	E31	33	E41	35	E51	33	E61	35	E71	33	E81	36		1/A-8100 SIM
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	E12		E22		E32		E42		E52		E62		E72		E82			2/A-8100 SIM
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING	E13		E23		E33		E43		E53		E63		E73		E83			3/A-8100 SIM
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS.	X		X		X		X		X		X		X		X			
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	3 3/4"		3 3/4"		4 7/8"		4 7/8"		5 1/4"		5 1/4"		7 1/4"		7 1/4"			
ACOUSTICAL INSULATION THICKNESS	—		2"		—		3"		—		3"		—		5 1/2"			
ACOUSTICAL TEST NUMBER	NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2			
FIRE TEST NUMBER (WHERE APPLICABLE)	"X"		"X"		"X"		"X"		"X"		"X"		"X"		"X"			

NOTES:
1. IF THIS PARTITION TYPE IS ADDED TO AN EXISTING PARTITION, STC'S CAN NOT SIMPLY BE ADDED TOGETHER TO IMPROVE THE STC VALUE.
2. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
3. THE STC WAS BASED ON 25 GA STUDS.

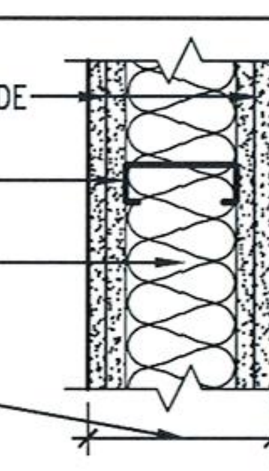
D



	D1_	STC	D2_	STC	D3_	STC	D4_	STC	D5_	STC	D6_	STC	D7_	STC	D8_	STC	HEAD	DETAIL NO.
FIRE RATED WITH GYP. BD. TO STRUCTURE ABOVE	X		X		X		X		X		X		X		X			
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	D11	27	D21	29	D31	27	D41	30	D51	27	D61	30	D71	27	D81	31		1/A-8100 SIM
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	D12		D22		D32		D42		D52		D62		D72		D82			2/A-8100 SIM
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING	D13		D23		D33		D43		D53		D63		D73		D83			3/A-8100 SIM
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS.	X		X		X		X		X		X		X		X			
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	3 1/8"		3 1/8"		4 1/4"		4 1/4"		4 5/8"		4 5/8"		6 5/8"		6 5/8"			
ACOUSTICAL INSULATION THICKNESS	—		2"		—		3"		—		3"		—		5 1/2"			
ACOUSTICAL TEST NUMBER	NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2		NOTE 2			
FIRE TEST NUMBER (WHERE APPLICABLE)	"X"		"X"		"X"		"X"		"X"		"X"		"X"		"X"			

NOTES:
1. IF THIS PARTITION TYPE IS ADDED TO AN EXISTING PARTITION, STC'S CAN NOT SIMPLY BE ADDED TOGETHER TO IMPROVE THE STC VALUE.
2. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
3. THE STC WAS BASED ON 25 GA STUDS.
4. REFER TO 21/A-8100 FOR BRACING.

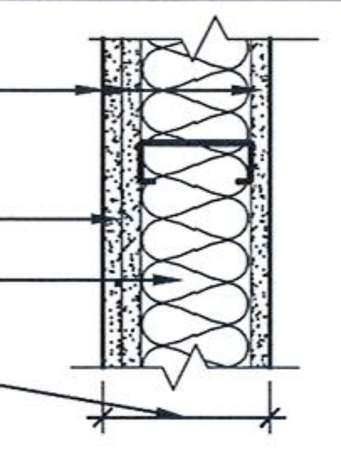
C



	C1_	STC	C2_	STC	C3_	STC	C4_	STC	C5_	STC	C6_	STC	C7_	STC	C8_	STC	HEAD	DETAIL NO.
2-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	C10	49	C20	55	C30	48	C40	57	C50	48	C60	57	C70	50	C80	58		01/A-8100
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	C11	49	C21	55	C31	48	C41	57	C51	48	C61	57	C71	50	C81	58		01/A-8100
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	5"		5"		6 1/8"		6 1/8"		6 1/2"		6 1/2"		8 1/2"		8 1/2"			
ACOUSTICAL INSULATION THICKNESS	—		2"		—		3"		—		3"		—		5 1/2"			
ACOUSTICAL TEST NUMBER	SIM. BBN 770408		SIM. USG 840818-NOTE2		SIM. BBN 770408		SIM. USG 840818		SIM. BBN 770408		SIM. USG 840818		SIM. BBN 770408-NOTE3		SIM. USG 840818-NOTE3			
FIRE TEST NUMBER (WHERE APPLICABLE)	UL DES U411		UL DES U411		UL DES U411		UL DES U411		UL DES U411		UL DES U411		UL DES U411		UL DES U411			

NOTES:
1. SEE 14/A-8100 FOR FOR PLACEMENT OF ACOUSTICAL SEALANT AT FLOOR IN A 4-LAYERED PARTITION.
2. THE STC WAS MODIFIED FROM THE REFERENCE.
3. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
4. THE STC WAS BASED ON 25 GA STUDS.

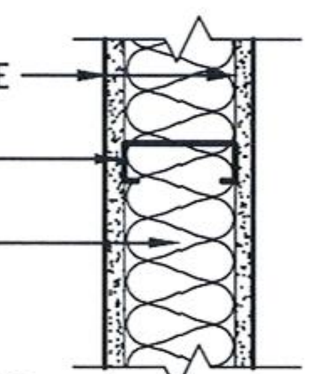
B



	B1_	STC	B2_	STC	B3_	STC	B4_	STC	B5_	STC	B6_	STC	B7_	STC	B8_	STC	HEAD	DETAIL NO.
1-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	X		B20	46	B30	42	B40	53	B50	42	B60	53	B70	44	B80	54		01/A-8100
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE	B11	44	B21	51	B31	42	B41	53	B51	42	B61	53	B71	44	B81	54		01/A-8100
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	B12		B22		B32		B42		B52		B62		B72		B82			02/A-8100
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING (SEE DETAILS) *	B13		B23		B33		B43		B53		B63		B73		B83			03/A-8100
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS.	B14		B24		B34		B44		B54		B64		B74		B84			13/A-8100
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	4 3/8"		4 3/8"		5 1/2"		5 1/2"		5 7/8"		5 7/8"		7 7/8"		7 7/8"			
ACOUSTICAL INSULATION THICKNESS	—		2"		—		3"		—		3"		—		5 1/2"			
ACOUSTICAL TEST NUMBER	SIM. TL 69-148		SIM. SA 800504		SIM. TL 69-148		SIM. SA 800504		SIM. TL 69-148		SIM. SA 800504		SIM. TL 69-148 NOTE5		SIM. SA 800504 NOTE5			
FIRE TEST NUMBER (WHERE APPLICABLE)	"X"		UL DES U419, U448		UL DES U419		UL DES U419		UL DES U419		UL DES U419		UL DES U419		UL DES U419			

NOTES:
1. SEE 13/A-8102 FOR PARTIAL HEIGHT PARTITION.
2. REFER TO FLOOR DETAIL 4/A-8100.
3. REFER TO 14/A-8102 FOR SIMILIAR PLACEMENT OF ACOUSTICAL SEALANT IN A RATED WALL.
4. REVEALS ARE ACCEPTABLE IN THE OUTER LAYER OF GYPSUM BOARD AND STILL MAINTAIN THE 1-HR RATING.
5. THE STC WAS PREDICTED USING "INSUL" COMPUTER PROGRAM.
6. THE STC WAS BASED ON 25 GA STUDS.

A



	A1_	STC	A2_	STC	A3_	STC	A4_	STC	A5_	STC	A6_	STC	A7_	STC	A8_	STC	HEAD	DETAIL NO.
1-HR RATED WITH GYP. BD. TO STRUCTURE ABOVE	X		A20	46	A30 NO.6	39	A40 NO.6	47	A50	39	A60	47	A70	40	A80	48		01/A-8100
NON RATED WITH GYP. BD. TO STRUCTURE ABOVE (SMOKE RESIST)	A11	39	A21	46	A31	39	A41	47	A51	39	A61	47	A71	40	A81	48		01/A-8100 SIM.
NON RATED WITH GYP. BD. TO 6" ABOVE CEILING	A12		A22		A32		A42		A52		A62		A72		A82			02/A-8100
NON RATED WITH STUDS & GYP. BD. TO FINISHED CEILING	A13		A23		A33		A43		A53		A63		A73		A83			03/A-8100
PARTIAL HEIGHT PARTITION. SEE FLOOR PLANS FOR HEIGHTS.	A14		A24		A34		A44		A54		A64		A74		A84			13/A-8100
STUD SIZE	2 1/2"		2 1/2"		3 5/8"		3 5/8"		4"		4"		6"		6"			
BASIC PARTITION THICKNESS	3 3/4"		3 3/4"		4 7/8"		4 7/8"		5 1/4"		5 1/4"		7 1/4"		7 1/4"			
ACOUSTICAL INSULATION THICKNESS	—		2"		—		3"		—		3"		—		5 1/2"			
ACOUSTICAL TEST NUMBER	SIM. USG 860808		SIM. SA 831001		SIM. USG 860808		SIM. USG 870717		SIM. USG 860808		SIM. SA 870717		SIM. USG 860808-NOTE3		SIM. USG 870717-NOTE4			
FIRE TEST NUMBER (WHERE APPLICABLE)	"X"		UL DES U419		UL DES U465		UL DES U465		UL DES U465		UL DES U465		UL DES U465		UL DES U465			

NOTES:
1. SEE 13/A-8102 FOR PARTIAL HEIGHT PARTITION.
2. REFER TO FLOOR DETAIL 4/A-8100.
3. THE STC WAS PREDICTED USING THE "INSUL" COMPUTER PROGRAM.
4. THE STC WAS MODIFIED FROM THE REFERENCE.
5. THE STC WAS BASED ON 25 GA STUDS.
6. WHERE AN * NEXT TO THE PARTITION TAG, PROVIDE 1/16" LEAD LINED GYP. BD. ON GYP. BD LAYER FACING PROCEDURE ROOM.

PARTITION TYPE GENERAL NOTES:

1. REFER TO ARCHITECTURAL FLOOR PLAN SHEET A-2001 FOR LOCATION OF WALL TYPES. ALL WALLS ARE TYPE "A41" UNLESS NOTED OTHERWISE.
2. REFER TO SHEET A-2201 FOR FINAL FINISHES ON PARTITIONS. PARTITION TYPES IN CHARTS REFER TO BASE WALL ONLY.
3. ALL GYPSUM BOARD SHALL BE TYPE "X", UNLESS NOTED OTHERWISE.
4. PROVIDE ONE LAYER OF 5/8" MOISTURE RESISTANT GYPSUM BOARD AT WALLS BEHIND SINKS AND LAVATORIES WITHOUT TILE. MOISTURE RESISTANT GYPSUM BOARD SHALL BE INSTALLED WITHIN 2' OF ALL URINALS AND WATER CLOSETS, TO A HEIGHT OF 4' AFF.
5. PROVIDE WATER RESISTANT GYPSUM TILE BACKER BOARD BEHIND ALL TILE AND/OR WALL PANELS AT SHOWERS.
6. PENETRATIONS IN LEAD-LINED WALLS SHALL BE SEALED TO MEET LEAD SHIELDING REQUIREMENTS.
7. ALL LOAD BEARING WALLS SHALL BE CONSTRUCTED PER STRUCTURAL DRAWINGS AND SPECIFICATIONS.
8. PROVIDE FIRE TREATED WOOD BLOCKING, SHEET METAL OR STEEL BACKING IN PARTITIONS TO SUPPORT WALL MOUNTED ITEMS AND EQUIPMENT, ETC.
9. "LINE OF STRUCTURE" AS SHOWN AT THE HEAD CONDITIONS OF THE PARTITION DETAIL DOES NOT INDICATE THE EXACT CONSTRUCTION CONDITION. REFER TO SHEET A-0101 & A-0102 "LIFE SAFETY DETAILS" FOR ADDITIONAL INFORMATION ON RATED WALLS.
10. SPACING OF THE METAL STUDS HAS NOT BEEN INDICATED ON THE WALL TYPES. STUD SPACING IS TO BE DETERMINED BY THE HEIGHT OF THE WALL AS SHOWN IN THE TABLE BELOW. EACH STUD GOING TO STRUCTURE AND EXCEEDING ALLOWABLE HEIGHTS SHALL BE BRACED 45 DEGREES DIAGONALLY 12" ABOVE CEILING WITH EQUAL SIZE 25 GA. METAL STUDS. THIS TABLE IS TO BE USED FOR THE INTERIOR WALLS ONLY, AND DOES NOT APPLY TO EXTERIOR STUDS.

FACING ON SIDES OF 25 GA. STUDS	STUD SPACING ON CENTER	STUD DEPTH 2 1/2" MAX. HEIGHT	STUD DEPTH 3 5/8" MAX. HEIGHT	STUD DEPTH 6" MAX. HEIGHT
1 LAYER 5/8" GYP. BOARD-1 SIDE ONLY	16 24	11'-0" 9'-9"	14'-6" 12'-9"	14'-6" 12'-9"
1 LAYER 5/8" GYP. BOARD-EACH SIDE	16 24	12'-6" 10'-9"	16'-0" 13'-6"	16'-0" 13'-6"
2 LAYER 5/8" GYP. BOARD-EACH SIDE	16 24		16'-9" 13'-6"	20'-0" 15'-0"

11. ISOLATE NON-LOAD BEARING FRAMING FROM STRUCTURAL ELEMENTS TO PREVENT THE TRANSFER OF LOAD TO PARTITION FRAMING. STOP STUDS 1/2" BELOW METAL RUNNER (TOP TRACK) TO ALLOW FOR VERTICAL EXPANSION. SET TOP TRACK 1" BELOW DEFLECTION TRACK. DO NOT ATTACH STUDS TO TOP TRACK. DO NOT ATTACH GYPSUM BOARD TO TOP TRACK. THIS MAY ALSO BE ACHIEVED, AT THE CONTRACTOR OPTION, BY UTILIZING THE PROPRIETARY SYSTEM DESCRIBED IN THE SPECIFICATIONS.
12. PROVIDE DOUBLE STUDS AT ALL JAMBS OF OPENINGS, OR, PROVIDE STEEL CHANNEL WHERE NOTED ELSEWHERE IN THE SET.

FIRE RATED PARTITIONS

1. REFER TO SHEETS A-0101 & A-0102 "LIFE SAFETY DETAILS" FOR ADDITIONAL INFORMATION ON PENETRATIONS THRU RATED WALLS, FIRE RESISTANT JOINT SYSTEMS AND SLIP TRACKS AT NON-BEARING WALLS CONNECTION TO STRUCTURE AND WALL PRIORITY.
2. U.L. DESIGN REFERS TO FIRE RESISTANT DIRECTORY'S MOST RECENT ISSUE.

ACOUSTICAL

1. ALL ACOUSTICALLY CLASSED PARTITIONS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE TO THE REFERENCED TEST.
2. STAGGER AND SEAL ALL JOINTS ON MULTIPLE GYPSUM BOARD LAYER PARTITIONS.
3. SEAL ALL PERIMETER GAPS, AIR TIGHT, AT THE FLOORS, HEAD, ADJACENT CONSTRUCTION AND AROUND ANY PENETRATING ELEMENTS WITH INTERIOR GRADE ACOUSTICAL SEALANT.
4. ALL BATTS AND BLANKETS IN RATED WALLS MUST BEAR THE REQUIRED U.L. CLASSIFICATION MARKING AS TO FIRE-RESISTANCE. ALSO REFER TO LIFE SAFETY DETAILS IN SHEETS A-0101 & A-0102.
5. AT ACOUSTICALLY RATED PARTITIONS, DO NOT FILL THE STUD CAVITY (DEPTH) FULLY WITH SOUND BATTS. THE WIDTH OF THE SOUND BATTS SHOULD BE SLIGHTLY SMALLER THAN CAVITY TO AVOID BATTS COMPRESSION. HOWEVER, THE ENTIRE LENGTH AND HEIGHT OF THE WALL SHOULD HAVE CONTINUOUS AND UNINTERRUPTED SOUND ATTENUATION BATTS.
6. REFER TO DETAILS 09, 10, 11 AND 12 ON SHEET A-8100 FOR PARTITION TYPES WITH A DESIGNATED STC RATING.
7. SEAL ALL WALL INTERSECTIONS AND CONTROL JOINTS AT ACOUSTICALLY CLASSED PARTITIONS IN ACCORDANCE TO DETAIL 12/A-8100.
8. SEAL ALL CONDUIT, STRUCTURAL, DUCT AND LARGE PIPE PENETRATIONS ACCORDING TO 09/A-8100 UNLESS THE PARTITION IS ALSO FIRE RATED WHERE THE LIFE SAFETY DETAILS ON SHEETS A-0101 & A-0102 SHOULD BE REFERENCED.
9. OUTLETS ON OPPOSITE SIDES OF ACOUSTICALLY CLASSED PARTITIONS SHALL BE INSTALLED AS SHOWN ON DETAIL A1/A-0102.

(XX) — PARTITION TYPE (AS SHOWN ON SHEET A-2001)

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO 80215
T: 303.431.6100
F: 303.431.6866

STATE OF COLORADO — TRUBY L. McDOUGAL — 203601 — LICENSED ARCHITECT
12.10.09

CITY OF AURORA BUILDING DIVISION APPROVED AS NOTED DATE 12/18/09

09-443744

09-443746

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

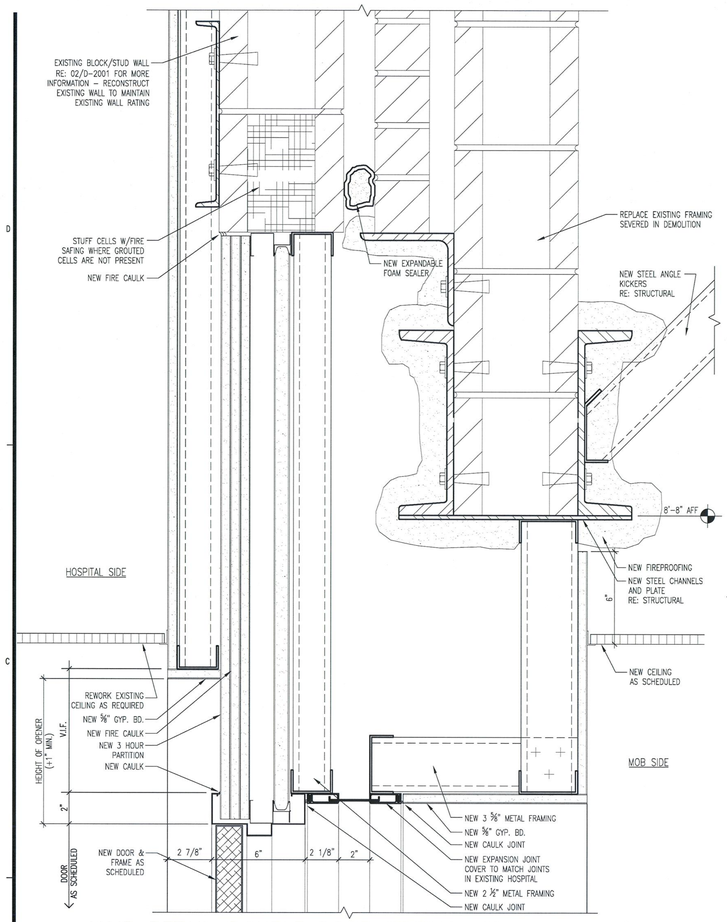
PARTITION TYPE SCHEDULE

Sheet

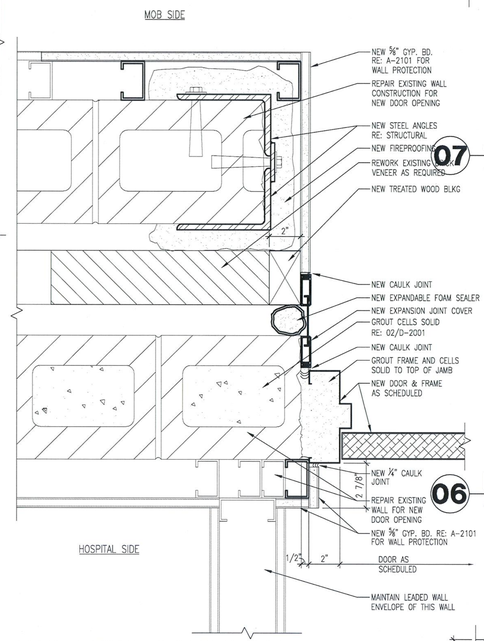
A-8101

Issued for Construction

Copyright © 2005 PERKINS & WILL

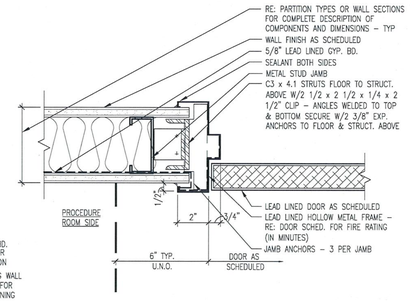


10 JAMB DETAIL–DOUBLE DOOR–SPECIAL HM
3" = 1'-0"

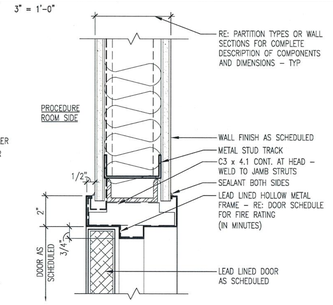


09 JAMB DETAIL–DOUBLE DOOR–SPECIAL HM
3" = 1'-0"

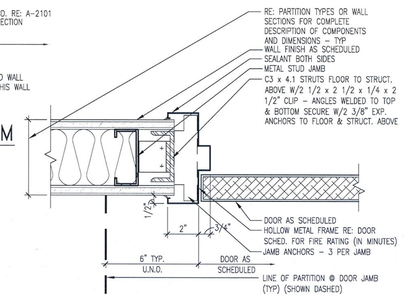
08 JAMB DETAIL–DOUBLE DOOR–SPECIAL HM
3" = 1'-0"



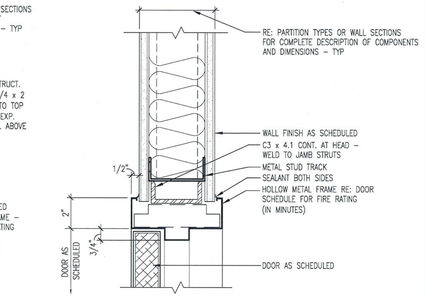
07 JAMB DETAIL–LEAD LINED–HM
3" = 1'-0"



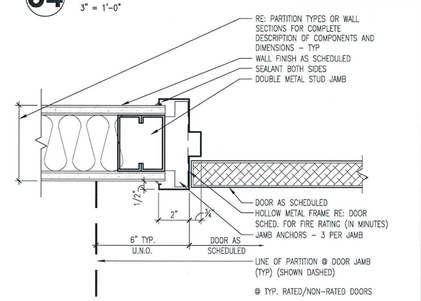
06 HEAD DETAIL–LEAD LINED–HM
3" = 1'-0"



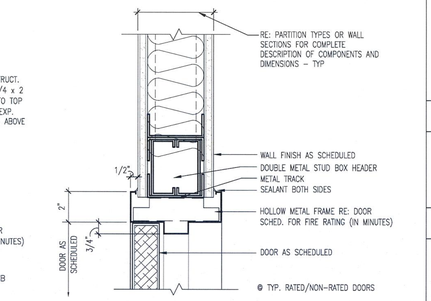
05 JAMB DETAIL–DOUBLE DOOR–HM
3" = 1'-0"



04 HEAD DETAIL–DOUBLE DOOR–HM
3" = 1'-0"



03 JAMB DETAIL–STANDARD–HM
3" = 1'-0"



02 HEAD DETAIL–STANDARD–HM
3" = 1'-0"

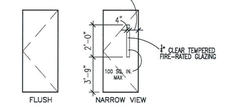
DOOR SCHEDULE GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR DESCRIPTIONS OF THE HARDWARE SETS.
2. PROVIDE A PAIR OF 14 GAGE STUDS AT THE SIDE OF AND HEAD OF ALL DOORS (U.N.O.).
3. ALL DOORS IN SMOKE RESISTANT PARTITIONS TO HAVE POSITIVE LATCHING (U.N.O.).
4. FIRE-RATING GLAZING IN DOORS SHALL MATCH THE FIRE-RATING OF THE DOORS TO WHICH THEY ARE INSTALLED.
5. "SWING CLEAR" HINGES SHALL BE PROVIDED AT ALL CATH PROCEDURE ROOM DOORS.

DOOR TYPES

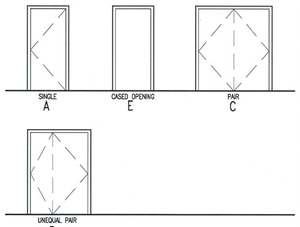
Scale: NTS

NOTE:
9" Ø EACH SIDE OF DOOR W/A HOSPITAL LATCH OR PANIC HARDWARE.
9" Ø EACH SIDE OF 4'-0" DOORS OR WIDER.
6" Ø EACH SIDE OF ALL OTHER DOORS.



FRAME TYPES

Scale: NTS



DOOR SCHEDULE REMARKS

1. PROVIDE WITH MECHANICAL HOLD OPEN ON EACH LEAF
2. VIEW WINDOWS IN LARGER LEAF ONLY
3. DOUBLE ACTING DOOR – OMIT FRAME STOPS
4. AUTOMATIC CARD SWIPE DOOR
5. NOT USED
6. NOT USED
7. DOOR SWINGS BOTH WAYS
8. NOT USED
9. LEAD LINED DOOR
10. NOT USED
11. NOT USED
12. POWER ASSISTED DOOR
13. 3 HOUR FIRE RATED CERAMIC GLAZING
14. 5-BUTTON COMBINATION LOCK
15. NOT USED
16. NOT USED
17. UNEQUAL DOOR PAIR (3'-6" & 1'-4")
18. NOT USED

DOOR SCHEDULE LEGEND

+– REFER TO MANUFACTURER
WD – SOLID CORE WOOD WITH STAINED FINISH
PL – SOLID CORE WOOD WITH PLASTIC LAMINATE FINISH
HM – STEEL
SR – SMOKE RESISTANT
ALUM – ANODIZED ALUMINUM
ALUM1– CUSTOM ALUMINUM COLOR

GLAZING LEGEND

TYPE	GLAZING
GL-10	LEAD GLASS

NOTES:
1. CONFIRM ALL WINDOW SIZES IN FIELD

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 12/18/09

09-443744
09-443746

DOOR SCHEDULE

		DOOR								FRAME								
					SIZE							DETAIL						
DOOR NO	ROOM NO	ROOM NAME	FROM	TO	WIDTH	HEIGHT	TYPE	MAT'L	FINISH	TYPE	MAT'L	HEAD	JAMB	SILL	RATING	REMARKS	FRAME FINISH	HARDWARE SET
A100A	A100	VESTIBULE	A110	A100	4'-0"	7'-0"	F	WD	WD1	A	HM	02/A-8200	03/A-8200	–	90/SR	4	PT-1C	2.01
A100B	A100	VESTIBULE	A108	A100	3'-0"	7'-0"	–	–	–	A	HM	–	–	–	–	RELOCATED DOOR & FRAME	PT-1C	3.01
A100C	A100	VESTIBULE	A101	A100	4'-0"	7'-0"	NV	WD	WD1	A	HM	06/A-8200	07/A-8200	–	–	9	PT-1C	6.02
A101A	A101	CATH LAB #4	A105	A101	4'-10"	7'-0"	NV	–	–	D	HM	06/A-8200	07/A-8200	–	–	2, 9, 17	PT-1C	6.01
A101B	A101	CATH LAB #4	A106	A101	3'-0"	7'-0"	–	–	–	A	HM	–	–	–	–	RELOCATED DOOR & FRAME	PT-1C	5.02
A102A	A102	CONTROL	A102	A102	3'-0"	7'-0"	–	–	–	B	HM	02/A-8200 SIM	03/A-8200 SIM	–	–	CASED OPENING	PT-1C	N/A
A102B	A102	CONTROL	A103	A102	EXISTING	EXISTING	–	–	–	–	HM	–	–	–	–	EXISTING TO REMAIN	PT-1C	0.01 EXISTING
A102C	A102	CONTROL	A101	A102	EXISTING	EXISTING	–	–	–	–	HM	–	–	–	–	EXISTING TO REMAIN	PT-1C	0.02 EXISTING
A103	A103	MEN'S LOCKER ROOM	A100	A103	3'-0"	7'-0"	F	WD	WD1	A	HM	02/A-8200	03/A-8200	–	–	–	PT-1C	8.01
A104A	A104	P.O.U.	A105	A104	3'-0"	7'-0"	F	WD	WD1	A	HM	02/A-8200	03/A-8200	–	–	–	PT-1C	5.01
A104B	A104	P.O.U.	A110	A104	4'-0"	7'-0"	F	WD	WD1	A	HM	02/A-8200	03/A-8200	–	90/SR	14	PT-1C	9.02
A105	A105	PREP.	A105	A112	7'-4"	7'-0"	NV	HM	PT	C	HM	10/A-8200	09/A-8200	08/A-8200	180/SR	13	PT-1C	6.03
A105A	A112	PASSAGE	CORR.	A112	7'-0"	7'-0"	NV	HM	WD1	C	HM	04/A-8200	05/A-8200	–	–	–	PT-1C	5.03
A107	A107	STORAGE	A110	A107	3'-0"	7'-0"	F	WD	WD1	A	HM	02/A-8200	03/A-8200		90/SR	–	PT-1C	9.01
A109	A109	CLOSET	A109	A110	4'-0"	7'-0"	F	WD	WD1	C	HM	04/A-8200	05/A-8200	–	–	–	PT-1C	2.02
1104	1104	UPS	CORR.	1104	3'-6"	7'-0"	–	–	–	A	HM	–	–	–	–	RELOCATED DOOR & FRAME	PT-1C	0.02 EXISTING

01 FIRST FLOOR DOOR SCHEDULE
NTS

PERKINS & WILL
10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
214.283.8700 Fax: 214.283.8701
www.perkinswill.com

Medical Office Building
1455 S. Potomac
M.C.O.A. South Campus
Cath Lab #4
Aurora, Colorado 80012

in association with:

MEP
CCRD Partners
8301 E. PRENTICE AVENUE, SUITE 200
GREENWOOD VILLAGE, CO 80111
T: 303.694.4755
F: 303.694.5125

STRUCTURAL
MARTIN/MARTIN INC.
12499 WEST COLFAX AVE.
LAKEWOOD, CO. 80215
T: 303.431.6100
F: 303.431.6886

STATE OF COLORADO
TRUBY J. MCGOLDRICK
203601
LICENSED ARCHITECT
12-10-09

Revisions

NO.	ISSUE	DATE

Sheet Information

Date	12-09-2009
Job Number	142542.002
Drawn	LTS
Checked	JMN
Approved	CG

Title

DOOR/WINDOW SCHEDULE AND DETAILS

Sheet

A-8200

Issued for Construction

Copyright © 2005 PERKINS & WILL

Dec 09, 2009 – 3:18pm
P:\Dallas\142542.000 HCA Aurora cath\A00\Cath Lab 4 142542.001 dwgs\SHEETS\A-8200.dwg
SCHMIDT