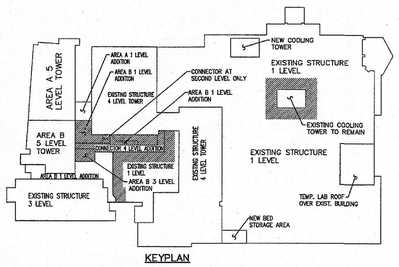
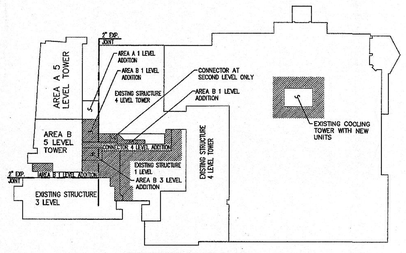
City of Aurora
Building Codes Division
15151 E Alameda Pkwy
Aurora, CO 80012
(303) 739-7420

Notice

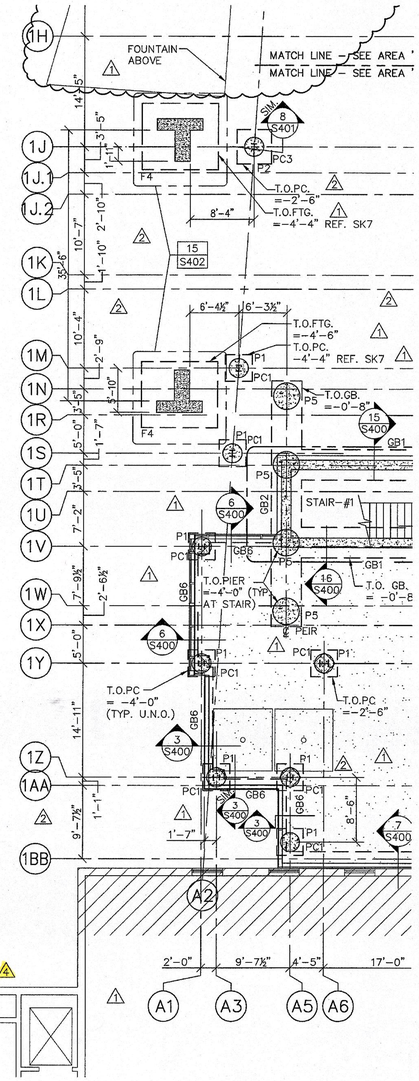
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KEYPLAN



EXPANSION JOINT PLAN



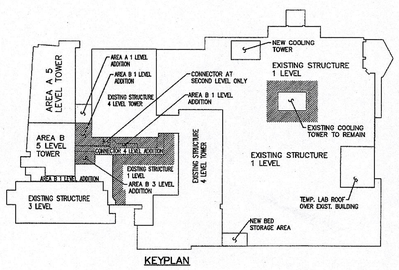
FOUNDATION NOTES:

1. FINISHED FLOOR ELEVATION = 0'-0"
2. 4" CONCRETE SLAB WITH (W.W.F. 6x6-W2.1 x W2.1) ON VAPOR BARRIER ON 4" SPECIFIED AGGREGATE FILL.
3. PROVIDE SLAB CONTROL JOINTS ABOUT AN AREA OF SLAB NOT TO EXCEED 400 SQUARE FEET. IN CORRIDORS, SPACING IS NOT TO EXCEED 10'-0".
4. (T.O.GRADE BEAM = x'-x") REPRESENTS TOP OF GRADE BEAM REFERENCED FROM FINISHED FLOOR (0'-0")
5. (T.O.FOOTING = x'-x") REPRESENTS TOP OF FOOTING REFERENCED FROM FINISHED FLOOR (0'-0")
6. (T.O.PIER CAP = x'-x") REPRESENTS TOP OF PIER CAP REFERENCED FROM FINISHED FLOOR (0'-0")
7. P_ = SEE PIER SCHEDULE ON S001 FOR SIZE AND REINFORCING.
8. GB_ = SEE GRADE BEAM SCHEDULE ON S004A FOR SIZE AND REINFORCING.
9. PC_= PIER CAP SEE SCHEDULE ON S001 FOR SIZE AND REINFORCING.
10. F_ = SEE FOOTING SCHEDULE ON S001 FOR SIZE AND REINFORCING.
11. SLAB ON GRADE, FOR LIMITS SEE PLAN
12. FOR SHEAR WALL DETAILS REFER TO SHEET S004
13. SEE SHEETS S100 THRU S207 FOR FOUNDATION AND FRAMING PLANS.

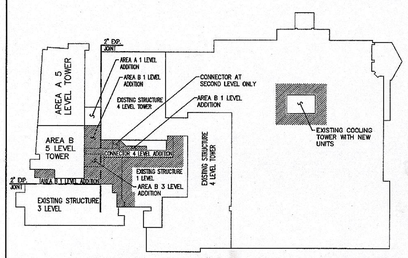
NORTH

FOUNDATION AND FIRST FLOOR PLAN OF FRONT CANOPY

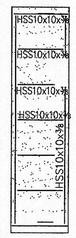
SCALE: ⅛"=1'-0"

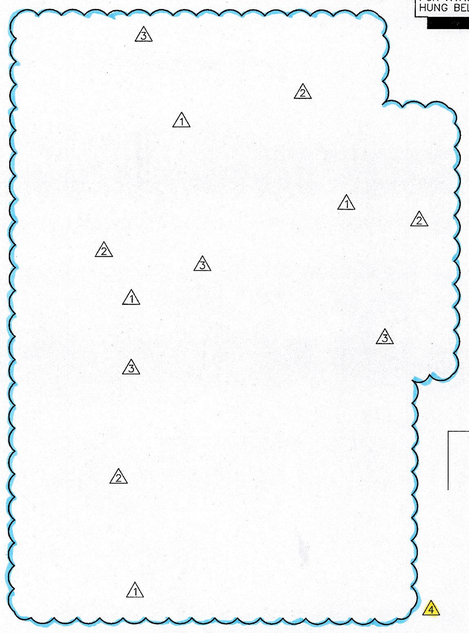


KEYPLAN

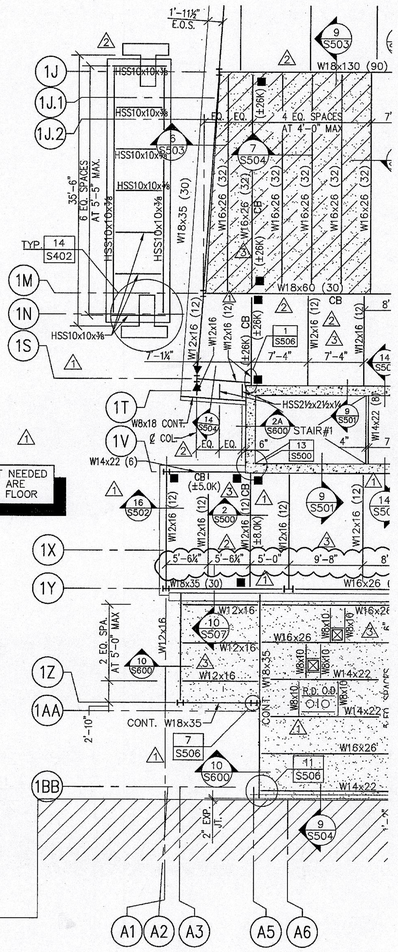


EXPANSION JOINT PLAN





G.C. COORD. SUPPORT NEEDED FOR HVAC UNIT THAT ARE HUNG BELOW SECOND FLOOR



ROOF NOTES:

1. T.O. STEEL = SEE ARCH. DWGS. (U.N.O)
2. ROOF: LIGHTWEIGHT INSULATING CONC. MAX. DENSITY 25 P.C.F. (SEE ARCH. DWGS.) ON 1½" 24 GA. GALV. STEEL FORM DECK. FOR ATTACHMENT, REFER SECTION 10/S500
3. ROOF DEAD LOAD = 30 P.S.F.
   ROOF LIVE LOAD = 20 P.S.F.

NORTH

FRAMING PLAN – FRONT CANOPY

SCALE: ⅛"=1'-0"

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CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED RJ
DATE APPROVED MAR 0 2 2009

09-382810

RELEASED FOR CONSTRUCTION
08-24-06

PERKINS & WILL

10100 North Central Expressway, Suite 300
Dallas, Texas 75231, USA
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Medical Center of Aurora

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Project # 306660001

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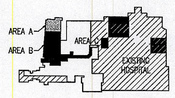
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AUGUST 24, 2006 - 100% CD'S ISSUED FOR PERMIT & CONSTRUCTION

KEY PLAN



RESERVED FOR REGISTRATION/STAMP

COLORADO REGISTERED PROFESSIONAL ENGINEER
TERESHURA RAMANI
39287
2-18-09

Revisions

NO.	ISSUE	DATE
1	ADDENDUM #1	08-24-06
2	ADDENDUM #2	10-31-06
3	ASI #005	04-06-07
4	PR #49	02-10-09

Sheet Information

Date	08-24-2006
Job Number	142228.000
Drawn	J.V.
Checked	J.M.
Approved	S.R.

Title

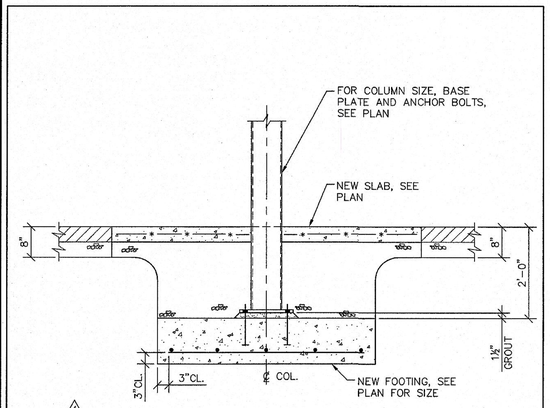
CANOPY FOUNDATION AND FRAMING PLANS

Sheet

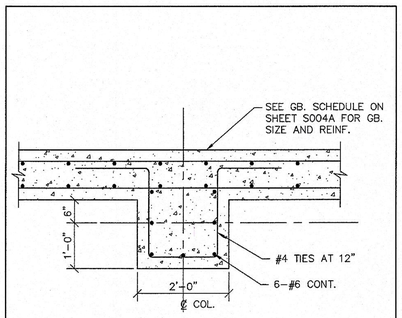
S302

Issued for permit & Construction

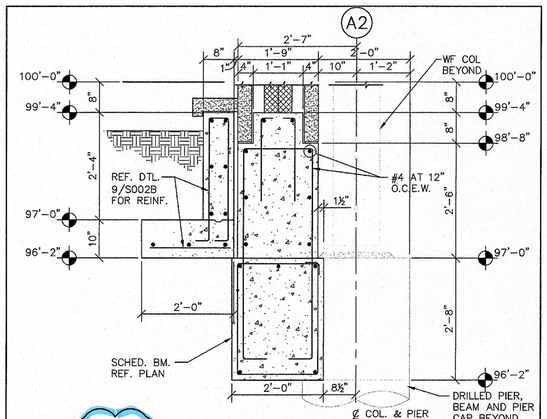
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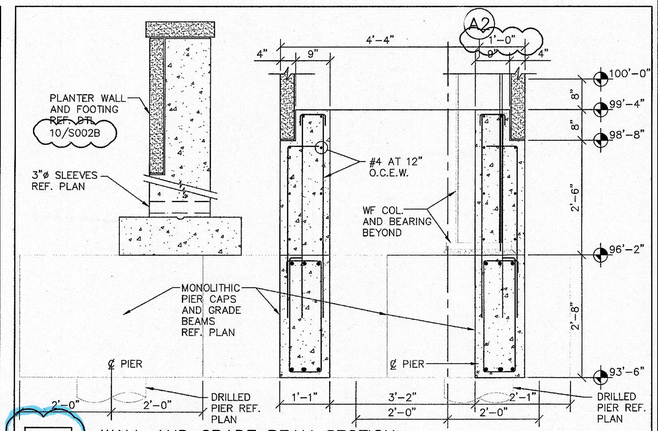
4 COLUMN AND FOOTING SECTION



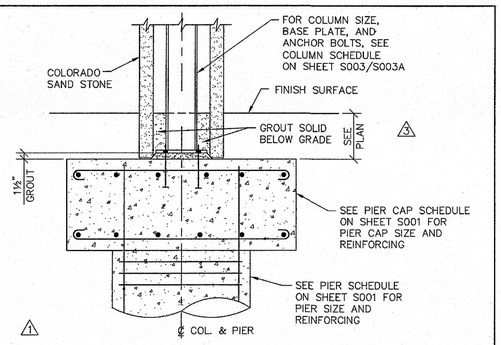
3 ENLARGED DETAIL AT COLUMN



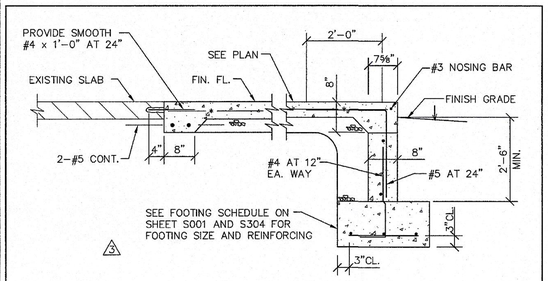
2 WALL AND GRADE BEAM SECTION



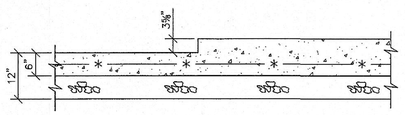
1 WALL AND GRADE BEAM SECTION



8 COLUMN AND PIER SECTION



12 WALL AND FOOTING SECTION AT RAMP



16 SLAB LEVEL CHANGE SECTION

15 ENLARGED BEAM SUPPORT DETAIL

14 ENLARGED BEAM SUPPORT DETAIL

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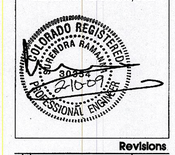
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AUGUST 24, 2006 - 100% CD'S ISSUED FOR PERMIT & CONSTRUCTION

KEY PLAN

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Revisions

NO.	ISSUE	DATE
1	ADDENDUM #1	08-24-06
2	ADDENDUM #2	10-31-06
3	ASI #005	04-06-07
4	PR#	04-27-07
5	PR #014	10-29-07
6	PR #049	02-10-09

Sheet Information

Date	08-24-2006
Job Number	142228.000
Drawn	J.V.
Checked	J.M.
Approved	S.R.

Title

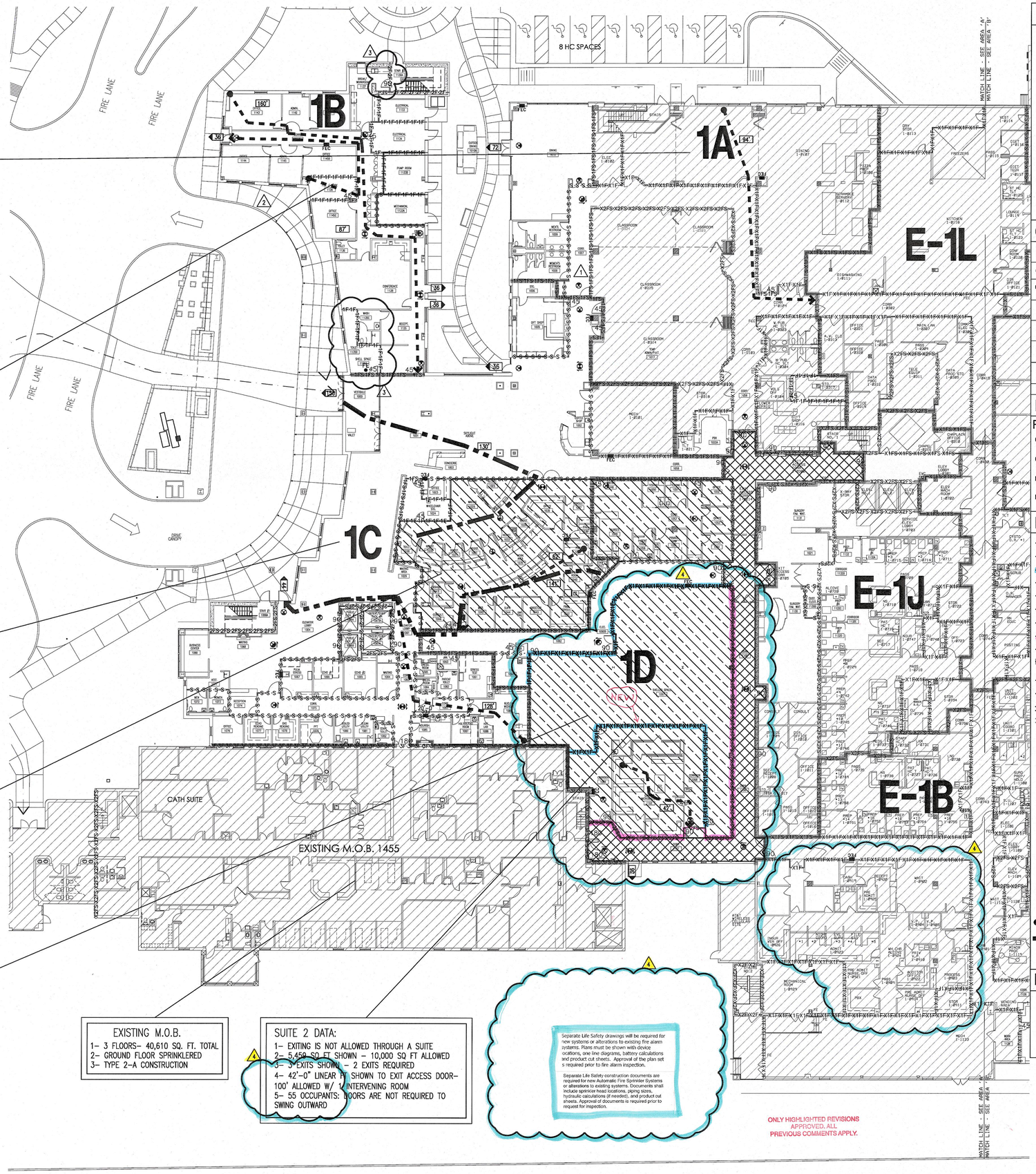
FOUNDATION DETAILS

Sheet

S401

Issued for permit & Construction

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SMOKE COMPARTMENT DATA: AREA 1A

TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:
13,867 SQ FT (22,500 SQ FT MAXIMUM ALLOWED)

TRAVEL DISTANCE TO A SMOKE BARRIER DOOR:
LONGEST LENGTH = 94'-9" (200' MAXIMUM ALLOWED)

AREA OF REFUGE REQUIRED FOR THIS ZONE:
669 OCCUPANTS X 6 SQ FT/OCCUPANT = 4,014 SQ FT

ADJACENT SMOKE COMPARTMENT C
156 OCCUPANTS X 6 SQ FT/ OCCUPANT = 936 SQ FT

ADJACENT SMOKE COMPARTMENT D
109 OCCUPANTS X 6 SQ FT/OCCUPANT = 654 SQ FT

ADJACENT EXISTING COMPARTMENT E-1L
67 OCCUPANTS X 6 SQ FT/OCCUPANT = 402 SQ FT
TOTAL AREA OF REFUGE REQUIRED: 6,006 SQ FT

SQUARE FOOTAGE OF LOW HAZARD AREA = 11,304 SQ FT.

SMOKE COMPARTMENT DATA: AREA 1B

TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:
4,103 SQ FT (22,500 SQ FT MAXIMUM ALLOWED)

TRAVEL DISTANCE TO A SMOKE BARRIER DOOR:
LONGEST LENGTH = 160' (200' MAXIMUM ALLOWED)

AREA OF REFUGE REQUIRED FOR THIS ZONE:
39 OCCUPANTS X 6 SQ FT OCCUPANT = 234 SQ FT

ADJACENT SMOKE COMPARTMENT C
156 OCCUPANTS X 6 SQ FT/ OCCUPANT = 936 SQ FT
TOTAL AREA OF REFUGE REQUIRED: 1,170 SQ FT.

SQUARE FOOTAGE OF LOW HAZARD AREA = 3,207 SQ FT

SMOKE COMPARTMENT DATA: AREA 1C

TOTAL SMOKE COMPARTMENT SQUARE FOOTAGE:
15,128 SQ FT (22,500 SQ FT MAXIMUM ALLOWED)

TRAVEL DISTANCE TO A SMOKE BARRIER DOOR:
LONGEST LENGTH = 69'-7" (200' MAXIMUM ALLOWED)

AREA OF REFUGE REQUIRED FOR THIS ZONE:
156 OCCUPANTS X 6 SQ FT/OCCUPANT = 936 SQ FT

ADJACENT SMOKE COMPARTMENT A
655 OCCUPANTS X 6 SQ FT/ OCCUPANT = 3,930 SQ FT

ADJACENT SMOKE COMPARTMENT B
39 OCCUPANTS X 6 SQ FT/ OCCUPANT = 234 SQ FT

ADJACENT SMOKE COMPARTMENT D
109 OCCUPANTS X 6 SQ FT/ OCCUPANT = 654 SQ FT
TOTAL AREA OF REFUGE REQUIRED: 5,754 SQ FT

SQUARE FOOTAGE OF LOW HAZARD AREA = 14,604 SQ FT

SUITE 1 DATA:

1- EXITING IS NOT ALLOWED THROUGH A SUITE
2- 5,128 SQ FT SHOWN - 10,000 SQ FT ALLOWED
3- 5 EXITS SHOWN - 2 EXITS REQUIRED
4- 62'-0" LINEAR FT SHOWN TO EXIT ACCESS DOOR- 100' ALLOWED W/ 1 INTERVENING ROOM
5- 54 OCCUPANTS: DOORS ARE NOT REQUIRED TO SWING OUTWARD

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 = 138'-7" (200' MAXIMUM ALLOWED)

AREA OF REFUGE REQUIRED FOR THIS ZONE:
31 OCCUPANTS X 6 SQ FT/OCCUPANT = 186 SQ FT

ADJACENT SMOKE COMPARTMENT A
655 OCCUPANTS X 6 SQ FT/OCCUPANT = 3,930 SQ FT

ADJACENT SMOKE COMPARTMENT C
156 OCCUPANTS X 6 SQ FT/ OCCUPANT = 936 SQ FT
TOTAL AREA OF REFUGE REQUIRED: 5,112 SQ FT

SQUARE FOOTAGE OF LOW HAZARD AREA = 6400 SQ FT

EXISTING M.O.B.

1- 3 FLOORS- 40,610 SQ. FT. TOTAL
2- GROUND FLOOR SPRINKLERED
3- TYPE 2-A CONSTRUCTION

SUITE 2 DATA:

1- EXITING IS NOT ALLOWED THROUGH A SUITE
2- 5,459 SQ FT SHOWN - 10,000 SQ FT ALLOWED
3- 3 EXITS SHOWN - 2 EXITS REQUIRED
4- 42'-0" LINEAR FT SHOWN TO EXIT ACCESS DOOR- 100' ALLOWED W/ 1 INTERVENING ROOM
5- 55 OCCUPANTS: DOORS ARE NOT REQUIRED TO SWING OUTWARD

Separate Life Safety drawings will be required for new systems or alterations to existing fire alarm systems. Plans must be shown with device ocations, one line diagrams, battery calculations and product cut sheets. Approval of the plan set s required prior to fire alarm inspection.

Separate Life Safety construction documents are required for new Automatic Fire Sprinkler Systems or alterations to existing systems. Documents shall include sprinkler head locations, piping sizes, hydraulic calculations (if needed), and product cut sheets. Approval of documents is required prior to request for inspection.

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED RL
DATE APPROVED MAR 0 2 2009

09-382810

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.
8. ALL VEHICULAR CANOPIES MUST BE SPRINKLERED PER NFPA.

OCCUPANT LOAD CALCULATIONS

NEW CONSTRUCTION 1ST FLOOR

OCCUPANCY	SQ. FTG.	CODE	OCC. LOAD FACTOR	OCC. LOAD	REQ. EXIT WIDTH /OCC	TOTAL REQ. EXIT WIDTH	TOTAL WIDTH PROVIDED
COMMERCIAL KITCHEN	2,118	IBC	200 S.F./OCC.	11	.37"	4.07"	
MECH. / STORAGE	2,831	IBC	300 S.F./OCC.	10	.37"	3.7"	
ASSEMBLY UNCONC.	2,375	IBC	15 S.F./OCC.	159	.37"	58.83"	
		NFPA	15 S.F./OCC.				
ASSEMBLY CONC.	3,106	IBC	7 N.S.F./OCC.	444	.37"	164.28"	
		NFPA	7 N.S.F./OCC.				
BUSINESS AREA	32,210	IBC	100 S.F./OCC.	323	.37"	119.51"	
TOTAL	43,026			947	.37"	350.39"	452"

LIFE SAFETY PLAN DATA

FOR LEVEL 1

GREATEST TRAVEL DISTANCE TO AN EXIT: (FROM ANY POINT IN A ROOM)
140'-0" SHOWN - 200'-0" ALLOWED

GREATEST TRAVEL DISTANCE TO AN EXIT: (FROM AN EXIT ACCESS DOOR)
130'-0" SHOWN - 150'-0" ALLOWED

MINIMUM NUMBER OF EXITS REQUIRED:
8 PROVIDED - 3 REQUIRED

MAXIMUM DEAD END LENGTH:
20' SHOWN - 20' MAXIMUM

LIFE SAFETY LEGEND

- EXISTING SMOKE PARTITION
- NEW SMOKE PARTITION
- EXISTING 1 HOUR FIRE BARRIER
- NEW 1 HOUR FIRE BARRIER
- EXISTING 1 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
- NEW 1 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
- NEW 2 HOUR FIRE BARRIER
- NEW 2 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
- EXISTING 2 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
- SMOKE BARRIER WITH FIRE RATING AS SHOWN ON PLAN FOR COMPARTMENTATION.
- NEW 3 HOUR FIRE BARRIER
- NEW 3 HOUR FIRE BARRIER TO RESIST THE PASSAGE OF SMOKE
- NEW PARTITION
- EXISTING PARTITION
- FE — 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)
- EXIT PASSAGEWAY
- OUT OF SCOPE
- EXTENT OF SUITE
- X — LONGEST ROUTE TO AN ADJACENT SMOKE COMPARTMENT
- LONGEST ROUTE TO AN EXIT
- MHO — MAGNETIC HOLD OPEN

LIFE SAFETY NOTES BY NUMBER

1. EXISTING WALL TO BE UPGRADED AS INDICATED. RE: LIFE SAFETY GENERAL NOTE #1
2. VERIFY EXISTING 90 MIN. LABELED DOOR.
3. REMOVE EXISTING FOLDING FIRE DOOR. PROVIDE SMOKE SHIELD ASSMEBLY OVER EXISTING ELEVATOR OPENING & VERIFY EXISTING ELEVATOR DOORS ARE RATED.

1 CODE COMPLIANCE PARTIAL FLOOR PLAN - FIRST FLOOR

1/16" = 1'-0"

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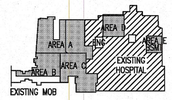
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LANDSCAPE
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KEY PLAN

FIRST FLOOR



STATE OF COLORADO
TRUBY L. McDOUGAL
203601
LICENSED ARCHITECT
2-13-09

NO.	ISSUE	DATE
	Revisions	
1	ASI #04	03.27.07
2	PR #24	05.13.08
3	PR #46	01.05.09
4	PR #49	02.13.09

Sheet Information

Date	08-24-2006
Job Number	142228.000
Drawn	DJC
Checked	DcE
Approved	CG

Title

CODE COMPLIANCE PART. FLOOR PLAN FIRST FLOOR

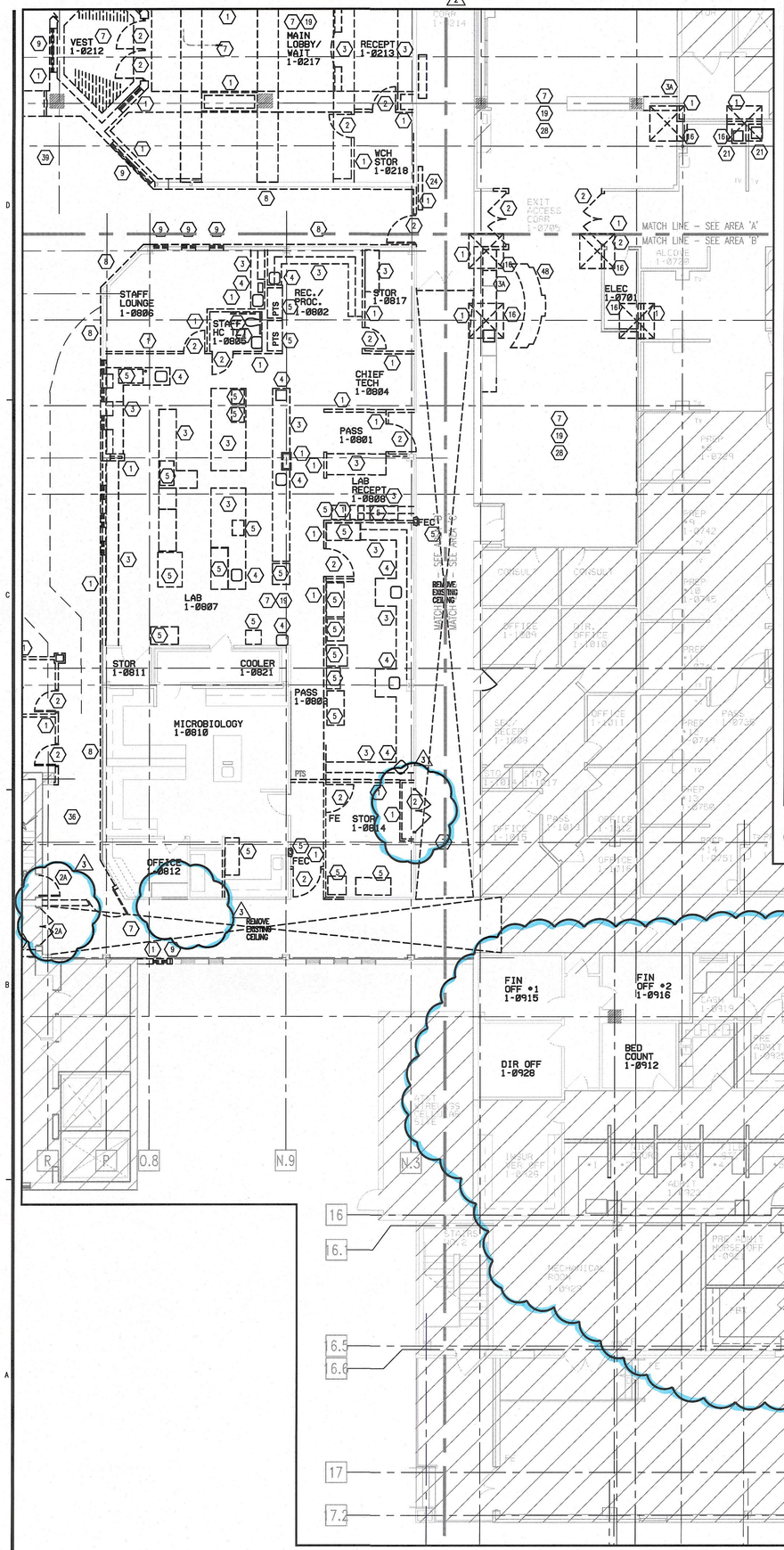
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A-0111

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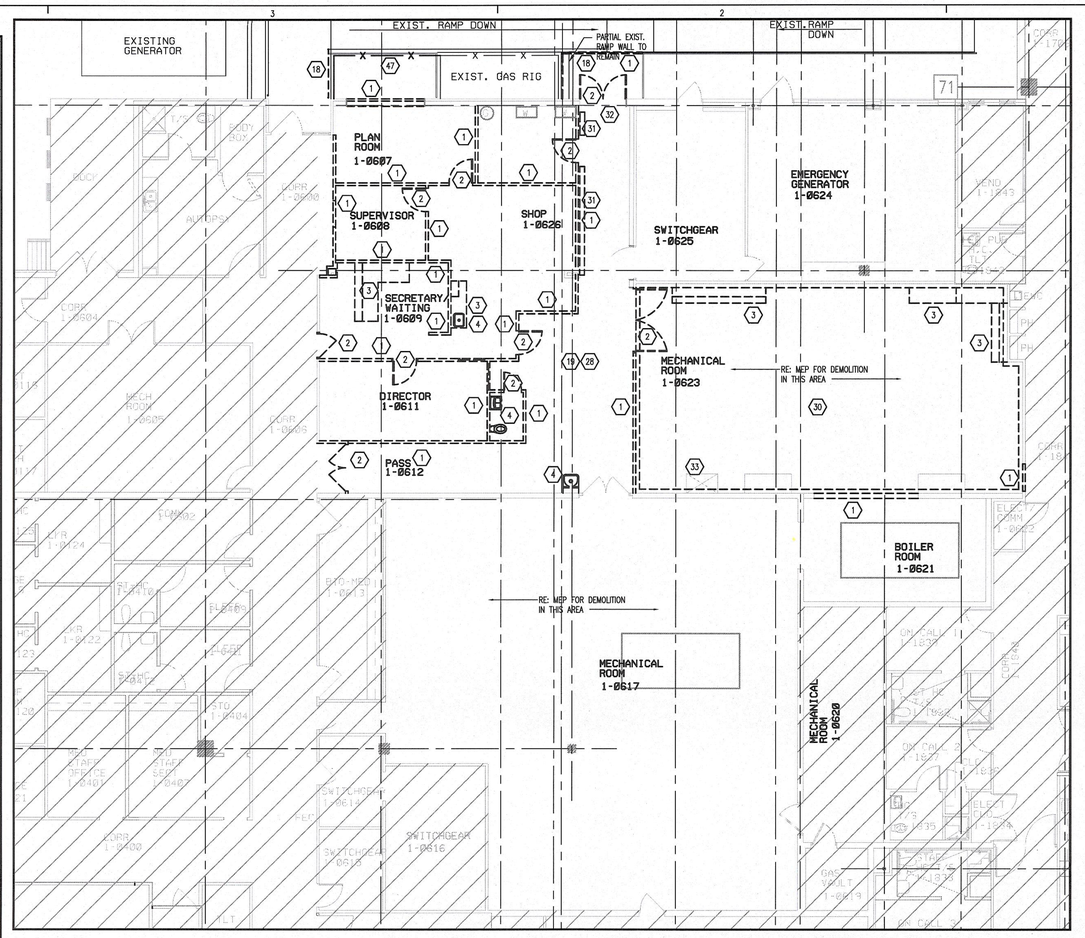
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01 DEMOLITION PLAN – FIRST FLOOR – AREA 'C'

1/8" = 1'-0"



02 DEMOLITION PLAN – FIRST FLOOR – AREA 'D'

1/8" = 1'-0"

ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED RL
DATE APPROVED MAR 0 2 2009

09-382810

DEMOLITION GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR INTERIM LIFE SAFETY MEASURES.
2. CONSTRUCT TEMPORARY PARTITIONS AS REQUIRED BY PHASING TO MINIMIZE THE SPREAD OF DUST AND NOISE.
3. THESE DRAWINGS HAVE BEEN DEVELOPED FROM EXISTING DRAWINGS WHICH MAY NOT REFLECT ACTUAL FIELD CONDITIONS. VERIFY THESE DRAWINGS WITH EXISTING FIELD CONDITIONS AND NOTIFY THE ARCHITECT IMMEDIATELY OF INCONSISTENCIES BETWEEN THEM AND ACTUAL CONDITIONS BEFORE PROCEEDING WITH CONSTRUCTION.
4. REPAIR ANY DAMAGED FIRE RATED ASSEMBLIES TO THEIR ORIGINAL SPECIFICATION.
5. REMOVE EXISTING CONSTRUCTION AS INDICATED. TYPICAL WALL REMOVAL INCLUDES FINISHES AND MECHANICAL PLUMBING AND ELECTRICAL SYSTEMS CONTAINED THEREIN. REMOVE DOORS, CASEWORK, WINDOWS, FRAMES, AND OTHER FIXTURES AS REQUIRED. AFTER REMOVAL OF PIPE CHASES, PATCH HOLES IN EXISTING FLOORS OR WALLS TO REMAIN, TO MEET ORIGINAL FIRE PROTECTION AND STRUCTURAL REQUIREMENTS. PATCH ADJOINING WALLS, FLOORS AND DECK, AND PREPARE SURFACES TO RECEIVE NEW FINISHES PER FINISH SCHEDULE OR PER INTERIOR FINISH PLANS.
6. WHERE NEW FINISHES ARE TO BE INSTALLED ON EXISTING SURFACES, REMOVE THE EXISTING FINISH AND PREPARE SURFACE TO RECEIVE THE NEW FINISH.
7. COORDINATE WITH THE OWNER ANY ITEMS TO BE STORED AND/OR RELOCATED.
8. SEE CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWING FOR DEMOLITION OF UTILITIES.
9. FOR EXTENT AND LOCATION OF CHANNELING OF EXISTING FLOOR SLABS REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS. IF EXISTING PIPING OR CONDUIT WORK (OTHER THAN THE DESIRED CONNECTION) IS ENCOUNTERED WHILE CHANNELING, NOTIFY THE ARCHITECT BEFORE CONTINUING.
10. VERIFY THAT CONSTRUCTION OF EXISTING WALLS WITHIN THE AREA OF RENOVATION (SMOKE COMPARTMENT) MEETS THE FIRE PROTECTION RATINGS DESIGNATED ON THE LIFE SAFETY PLANS. MAKE ANY REPAIRS OR MODIFICATIONS NECESSARY TO BRING EXISTING WALLS, DOORS, DUCTS, ETC. UP TO THE PROPER FIRE PROTECTION RATING. DOORS AND/OR FRAMES SHALL HAVE THE PROPER LABELING.
11. VERIFY THAT EXIT EGRESS IS MAINTAINED FOR ALL OCCUPIED AREAS OF THE BUILDING THROUGHOUT CONSTRUCTION.
12. DEMOLITION WORK SHALL BE EXECUTED IN CONFORMANCE WITH ALL CODES AND AS SET FORTH BY ALL GOVERNING AUTHORITIES.
13. BRACE ALL EXISTING STRUCTURES OR STRUCTURAL ELEMENTS AS NECESSARY DURING DEMOLITION.
14. DO NOT CUT ANY STRUCTURAL WORK WITHOUT PRIOR APPROVAL FROM THE STRUCTURAL ENGINEER.
15. THE EXISTING BUILDING ENVELOPE SHALL BE MAINTAINED IN A WATER TIGHT CONDITION AT ALL TIMES.
16. REPLACE OR REPAIR ANY EXISTING TO REMAIN FINISHES WHICH ARE DAMAGED DURING DEMOLITION (I.E. – CEILING GRID, CEILING TILE, WALL COVERING, FLOOR COVERINGS, ETC.)
17. WHEREVER POSSIBLE, RETAIN REMOVED BRICK, TO BE USED TO FILL EXTERIOR WALL OPENINGS.
18. NOTIFY THE ARCHITECT IMMEDIATELY IF THE REMOVAL OF MECHANICAL, ELECTRICAL, PLUMBING SYSTEMS OR COMPONENTS WILL ADVERSELY AFFECT THE OPERATION OF MEP SYSTEMS OUTSIDE THE LIMIT OF DEMOLITION.
19. SCHEDULE ALL DEMOLITION WITH THE OWNER.

DEMOLITION LEGEND

- EXISTING TO REMAIN
- EXISTING TO BE REMOVED RE: NOTE 5 OF DEMOLITION GENERAL NOTES
- AREA OUT OF SCOPE
- EXISTING COLUMN TO REMAIN

DEMOLITION NOTES BY NUMBER

1. REMOVE EXISTING WALL.
2. REMOVE EXISTING DOOR AND FRAME.
2A. REMOVE EXISTING DOOR ONLY. EXISTING FRAME TO REMAIN.
3. REMOVE EXISTING CASEWORK.
3A. REMOVE EXISTING CASEWORK AS SHOWN, SALVAGE FOR REINSTALLATION.
4. REMOVE EXISTING PLUMBING FIXTURES.
5. STORE ITEM FOR FUTURE REUSE BY HOSPITAL STAFF.
6. REMOVE EXISTING MOVABLE WALL SYSTEM.
7. REMOVE EXISTING FLOOR FINISH.
8. REMOVE ALL EXISTING BRICK VENEER AND METAL FACIA PANELS ON THIS WALL.
9. REMOVE EXISTING WINDOW, FRAME AND TRIM FROM EXISTING WALL.
10. REMOVE AREA OF EXISTING BRICK VENEER.
11. REMOVE EXISTING LOW WALL.
12. REMOVE EXISTING EXTERIOR CANOPY FINISHES, FRAMING AND SUPPORTS.
13. SAWCUT EXISTING SLAB FOR INSTALLATION OF NEW GRADE BEAM.
14. RELOCATE EXISTING WATER METER. RE: PLUMBING PLANS.
15. REMOVE EXISTING WON-DOOR SYSTEM.
16. REMOVE WALL AND FINISHES FOR CONSTRUCTION OF NEW COLUMN FOOTING. RE: STRUCTURAL.
17. REMOVE EXISTING ROOFING DOWN TO STRUCTURE. RE: STRUCTURAL.
18. REMOVE PORTION OF EXISTING RAIL FOR NEW REMOVEABLE RAIL. RE: EXTERIOR ELEVATION.
19. REMOVE EXISTING CEILING.
20. REMOVE PORTION OF EXISTING MILLWORK AS SHOWN. PREP FOR NEW SINK.
21. TEMPORARILY MOVE EXISTING EQUIPMENT AS SHOWN. REPLACE AFTER CONSTRUCTION HAS BEEN COMPLETED IN THIS AREA.
22. REMOVE EXISTING PARAPET IN THIS AREA.
23. REMOVE EXISTING CONCRETE APPLIED PANEL. RE: DETAIL.
24. REMOVE EXISTING RADIANT HEATER.
25. REMOVE EXISTING SIGNAGE.
26. REMOVE EXISTING DISPLAY CASE. SEND TO HOSPITAL STORAGE.
27. REMOVE EXISTING SLATWALL.
28. REMOVE EXISTING FINISHES THIS AREA.
29. RELOCATE EXISTING FIRE EXTINGUISHER CABINET.
30. REMOVE EXISTING 6" HIGH CONCRETE CURB AROUND ROOM.
31. RELOCATE EXISTING COOKERS AS DIRECTED.
32. EXISTING FURRDOWN TO REMAIN.
33. EXISTING DUCT TO REMAIN. VERIFY THAT NEW BLOCK WILL NOT INTERFER WITH OPERATION.
34. REMOVE EXISTING TRAY DROP PASS-THRU.
35. REMOVE EXISTING CANOPY.
36. REMOVE EXISTING SIDEWALK.
37. REMOVE EXISTING CARD READER, ETC. STORE FOR FUTURE REINSTALLATION.
38. REMOVE EXISTING DOOR TRACK IN WALL AND CEILING.
39. REMOVE EXISTING CONCRETE SLAB AND SIDEWALKS WITHIN AREA OF NEW CONSTRUCTION.
40. REMOVE EXISTING MAGAZINE RACK, SALVAGE FOR REINSTALLATION AT LATER DATE.
41. SALVAGE EXISTING WOOD BASE FOR NEW CONSTRUCTION IN THIS AREA.
42. REMOVE EXISTING WINDOW SILL ON BUILDING INTERIOR.
43. REMOVE EXISTING ELECTRICAL PANEL AND CONDUITS. RE: MEP
44. REMOVE AND RELOCATE EXISTING BUILDING ADDRESS NUMBERS AS DIRECTED BY BUILDING MAINTENANCE STAFF.
45. COVER EXISTING GRILLE IN BRICK VENEER WITH SEALED METAL PANEL.
46. REMOVE EXISTING LIGHT FIXTURE ON BUILDING EXTERIOR. RE: MEP
47. REMOVE EXISTING GAS RIG FENCE
48. REMOVE AND RELOCATE EXISTING COUNTER. SEE NEW CONSTRUCTION PLAN SHEET A-2001C

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Aurora, Colorado

HCA

Project # 306660001

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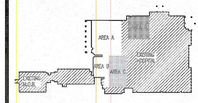
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KEY PLAN



STATE OF COLORADO
TRUBY L. McDOUGAL
203601
LICENSED ARCHITECT
2-13-09

Revisions

1	PR #1	04.27.07
2	PR #40	11.03.08
3	PR #49	02.13.09

NO.	ISSUE	DATE

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Drawn	LTS
Checked	DcE
Approved	CG

Title

DEMOLITION PLAN
FIRST FLOOR
AREA 'C' & 'D'

Sheet

D-2001C

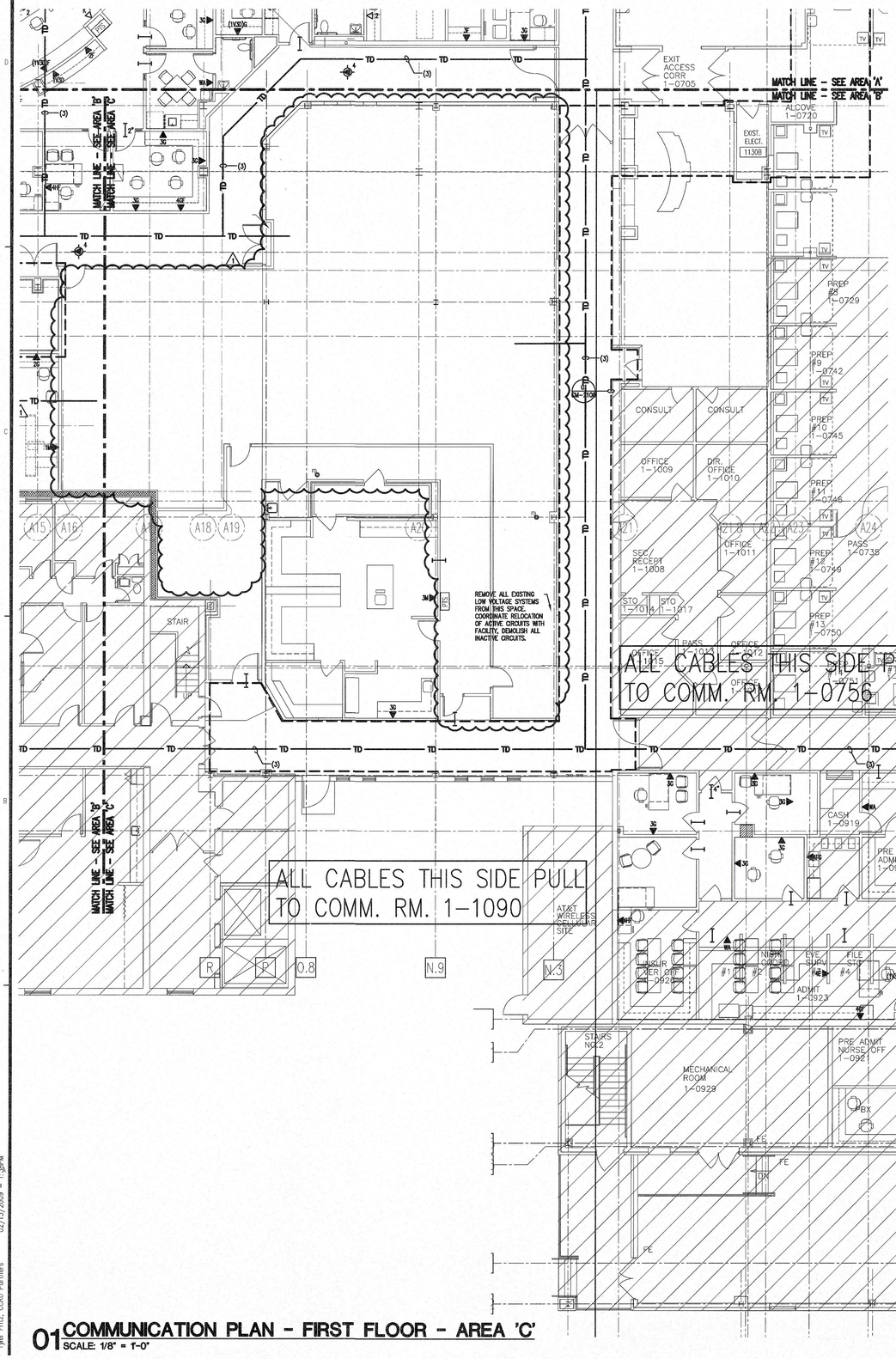
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GENERAL NOTES

A. ALL CABLES THIS PAGE, TO BE ROUTED AS INDICATED



01 COMMUNICATION PLAN - FIRST FLOOR - AREA 'C'
SCALE: 1/8" = 1'-0"

02 COMMUNICATION PLAN - FIRST FLOOR - AREA 'D'
SCALE: 1/8" = 1'-0"

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Revised 8-24-06

THIS SHEET OF DRAWINGS HAS NOT BEEN REVIEWED FOR ELECTRICAL CODE COMPLIANCE
See Life Safety Approvals

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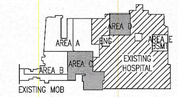
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AUGUST 24, 2006 - 100% CD'S ISSUED FOR PERMIT & CONSTRUCTION

KEY PLAN
FIRST FLOOR



NORTH

COLORADO REGISTERED PROFESSIONAL ENGINEER 37031 11/16/09

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1	PR #49	02/13/09

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Approved	SG

Title

COMMUNICATION PLAN FIRST FLOOR AREA 'C' & 'D'

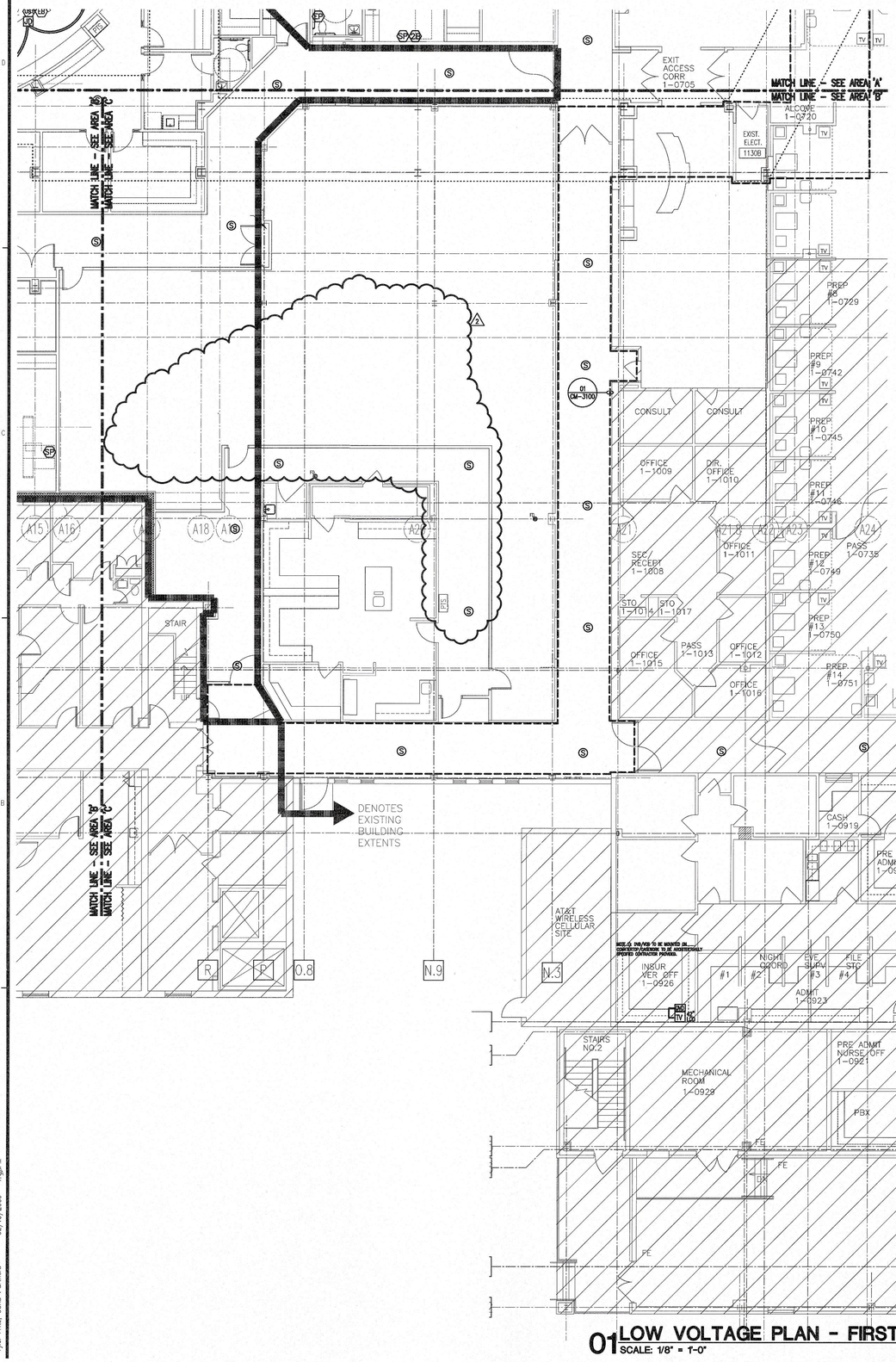
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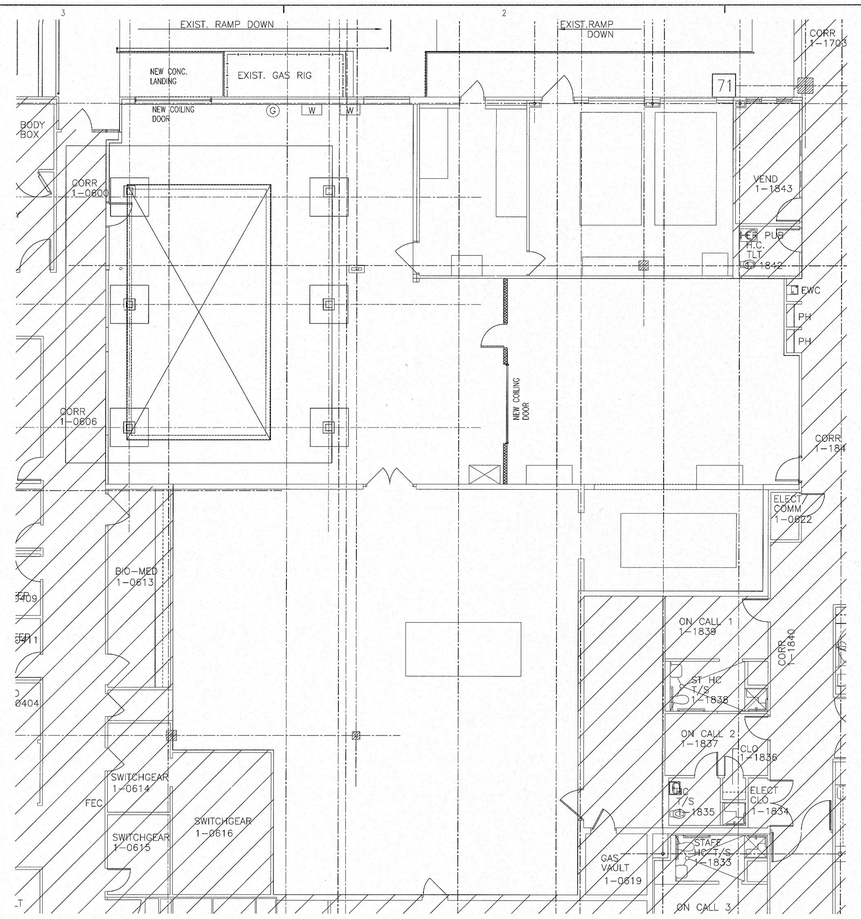
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Jeri Fritz, CCRD Partners



01 LOW VOLTAGE PLAN - FIRST FLOOR - AREA 'C'
SCALE: 1/8" = 1'-0"



02 LOW VOLTAGE PLAN - FIRST FLOOR - AREA 'D'
SCALE: 1/8" = 1'-0"

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Revises 8-24-06

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1 REVISED ENTIRE SHEET

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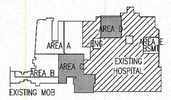
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KEY PLAN
FIRST FLOOR



NORTH

COLORADO LICENSED STEVEN GUNTHER 31031 PROFESSIONAL ENGINEER 2/14/07

Revisions		
1	ASI #7	06/06/07
2	PR #49	02/13/09

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LOW VOLTAGE PLAN FIRST FLOOR AREA 'C' & 'D'

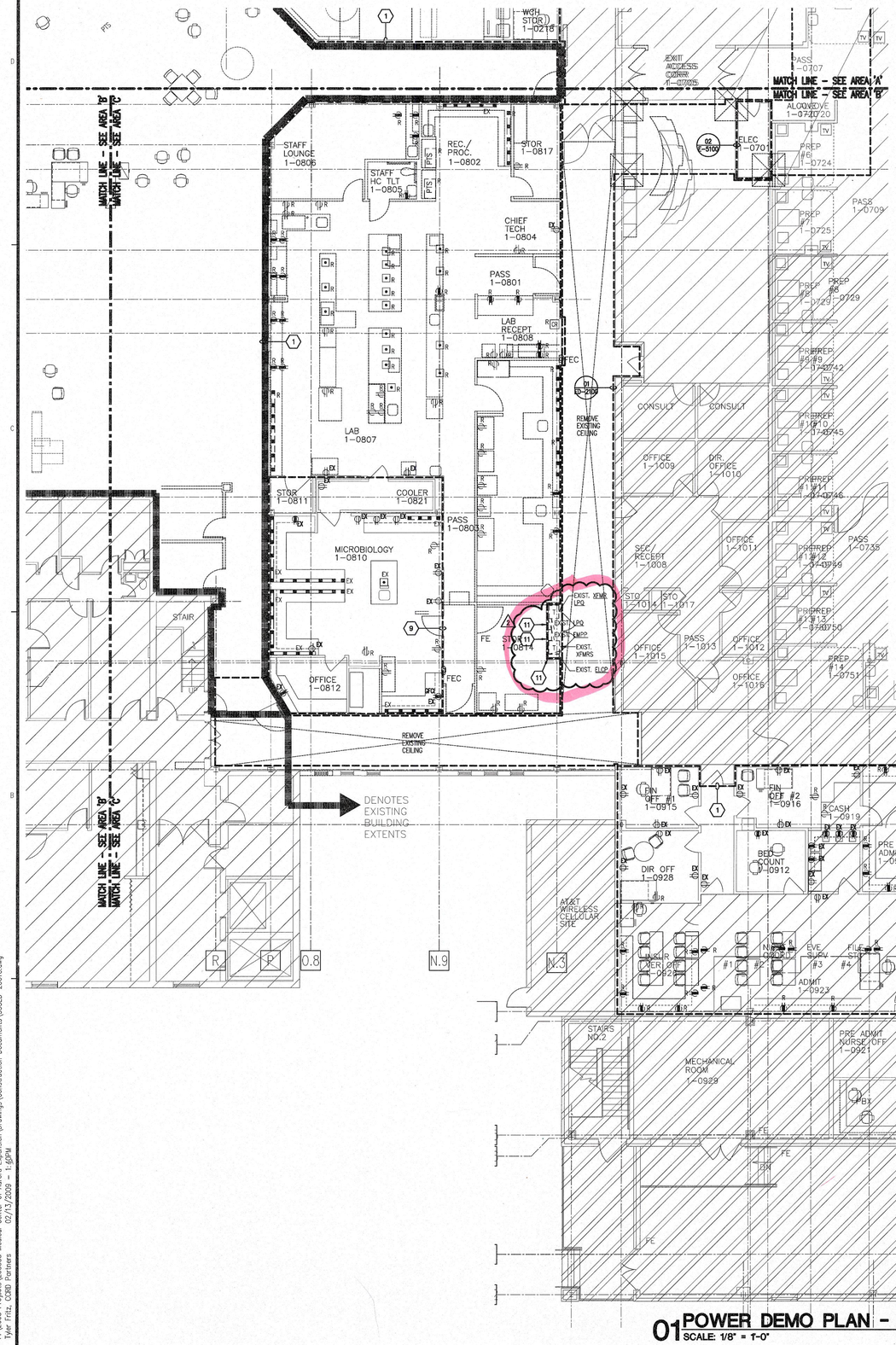
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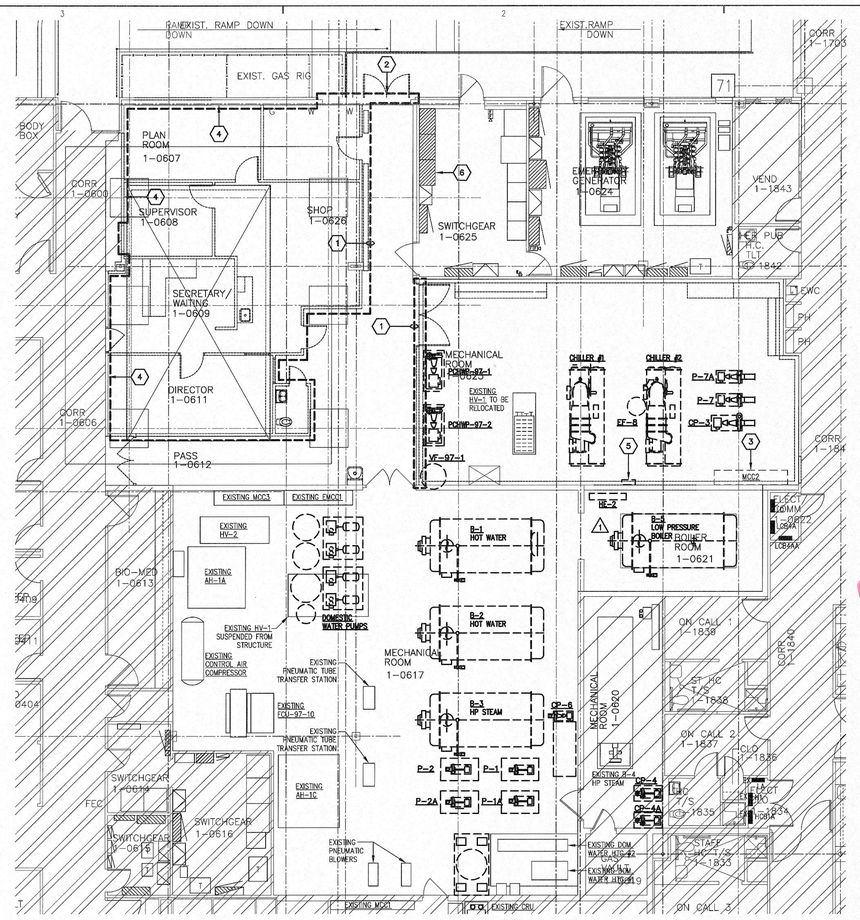
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01 POWER DEMO PLAN - FIRST FLOOR - AREA 'C'
SCALE: 1/8" = 1'-0"



02 POWER DEMO PLAN - FIRST FLOOR - AREA 'D'
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR DEMOLITION REQUIREMENTS.

B. REFER TO E-0000 FOR ELECTRICAL DEMOLITION NOTES.

C. DESIGNATION 'EX' REPRESENTS EXISTING DEVICE TO REMAIN AS CIRCUITED UNLESS NOTED OTHERWISE. CLEAN AND REPAIR DEVICE AS REQUIRED.

D. A DEVICE WITH AN 'X' INDICATES EXISTING DEVICE TO BE REMOVED INCLUDING ALL ASSOCIATED CONDUIT AND WIRING.

E. WHERE EXISTING MECHANICAL/PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION.

LEGEND NOTES

1. REMOVE ALL ELECTRICAL DEVICES AND CIRCUITING IN THIS AREA UNLESS NOTED OTHERWISE. WHERE WALLS ARE BEING DEMOLISHED DOWN TO STUDS, REMOVE ALL ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS CONTAINED THERIN UNLESS NOTED OTHERWISE. CIRCUITS SHALL BE DEMOLISHED BACK TO POINT OF ORIGINATION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
2. EXISTING CONDUITS FROM GENERATOR 'G' TO MAIN DISTRIBUTION PANELS TO BE RELOCATED ABOVE NEW GARAGE DOOR. COORDINATE EXACT HEIGHT AND ROUTING WITH NEW OPENING. COORDINATE DOWNTIME WITH FACILITY AND ARCHITECT. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION.
3. EXISTING MOTOR CONTROL CENTER MCC2 TO BE DEMOLISHED. COORDINATE PHASING AND ANY DOWNTIME AS A RESULT OF THIS WORK WITH THE ARCHITECT AND FACILITY PRIOR TO COMMENCEMENT OF WORK. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
4. EXISTING RECEPTACLES IN EXISTING WALL TO REMAIN AS CIRCUITED.
5. EXISTING REFRIGERANT LEAK ALARM PANEL TO BE RELOCATED. REFER TO 02/E-5001 FOR NEW LOCATION.
6. EXISTING DISTRIBUTION PANEL 'DPDC' TO BE DEMOLISHED. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
7. EXISTING DEVICES AND LIGHT FIXTURE TO REMAIN.
8. EXISTING CARD READER PEDESTAL TO BE REMOVED DURING CONSTRUCTION OF NEW CANOPY. DEVICE TO BE RE-INSTALLED IN SAME LOCATION AFTER CONSTRUCTION.
9. EXISTING DEVICES IN MICROBIOLOGY 1-0810, COOLER 1-0821, OFFICE 1-0812, AND SOILED HOLD 1-0813 TO REMAIN UNLESS NOTED OTHERWISE.
10. EXISTING DEVICES ON THIS SIDE OF EXISTING WALL TO REMAIN.
11. MIGRATE CIRCUITS OUT OF THIS PANEL INTO NEW PANELS AS SHOWN ON THE NEW PLANS, THEN DEMOLISH PANEL, TRANSFORMER, ALL ASSOCIATED DISCONNECTS, AND FEEDER BACK TO POINT OF ORIGIN.

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COLORADO LICENSED 31031 PROFESSIONAL ENGINEER 2/16/09

ARAPAHOE BUILDING DIVISION ELECTRICAL SECTION APPROVED SUBJECT TO COMMENTS AS NOTED AND FIELD INSPECTION

CITY OF AURORA BUILDING DIVISION APPROVED AS NOTED 3-2-09 DATE

ONLY CORRECTED DRAWINGS APPROVED. ALL PREVIOUS COMMENTS APPLY.

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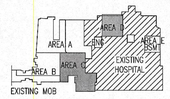
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KEY PLAN
FIRST FLOOR



NORTH

Revisions		
1	ADDENDUM #2	10/31/06
2	PR #49	02/13/09

NO.	ISSUE	DATE

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Checked	SG
Approved	SG

Title

POWER DEMO PLAN FIRST FLOOR AREA 'C' & 'D'

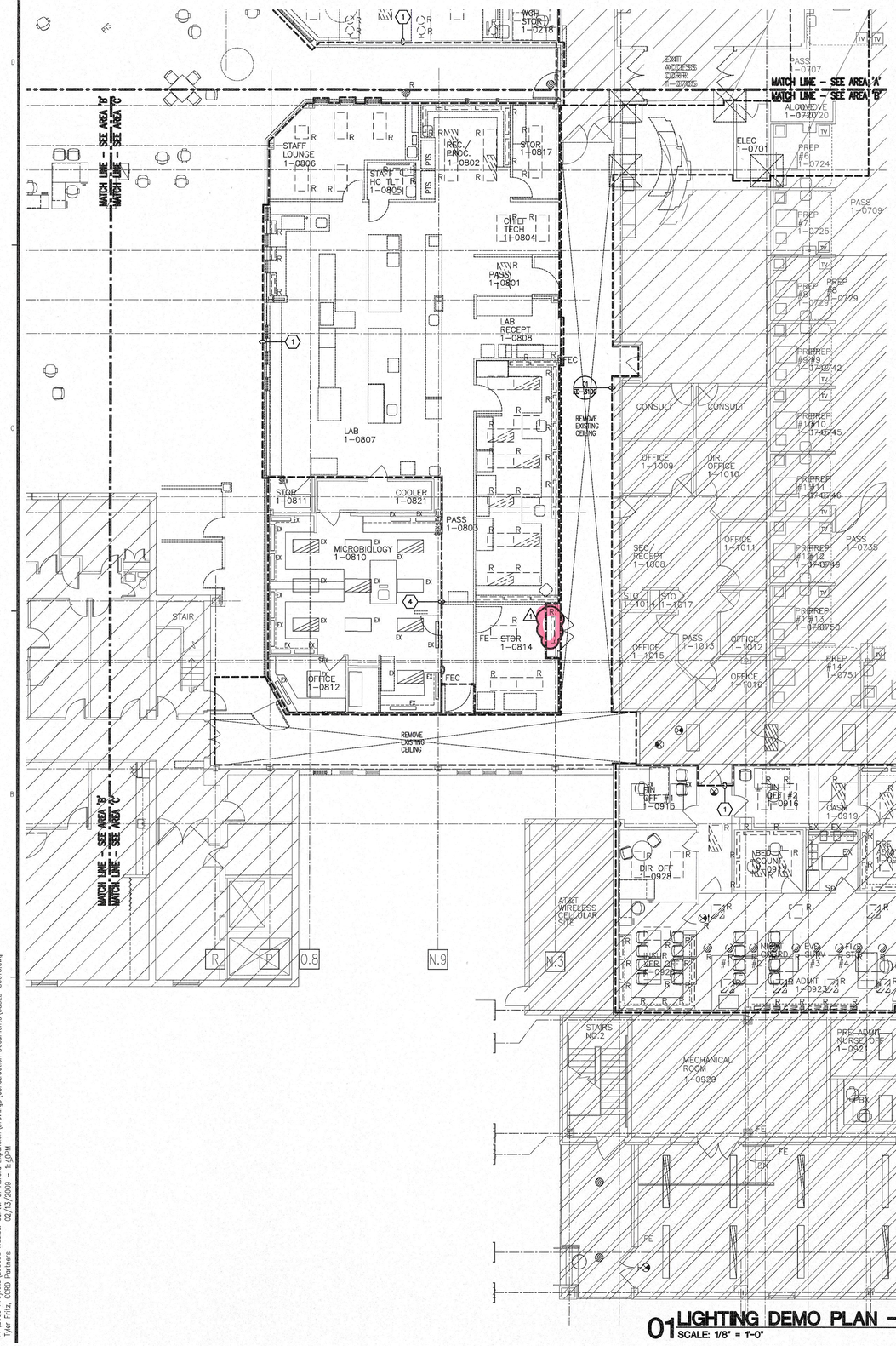
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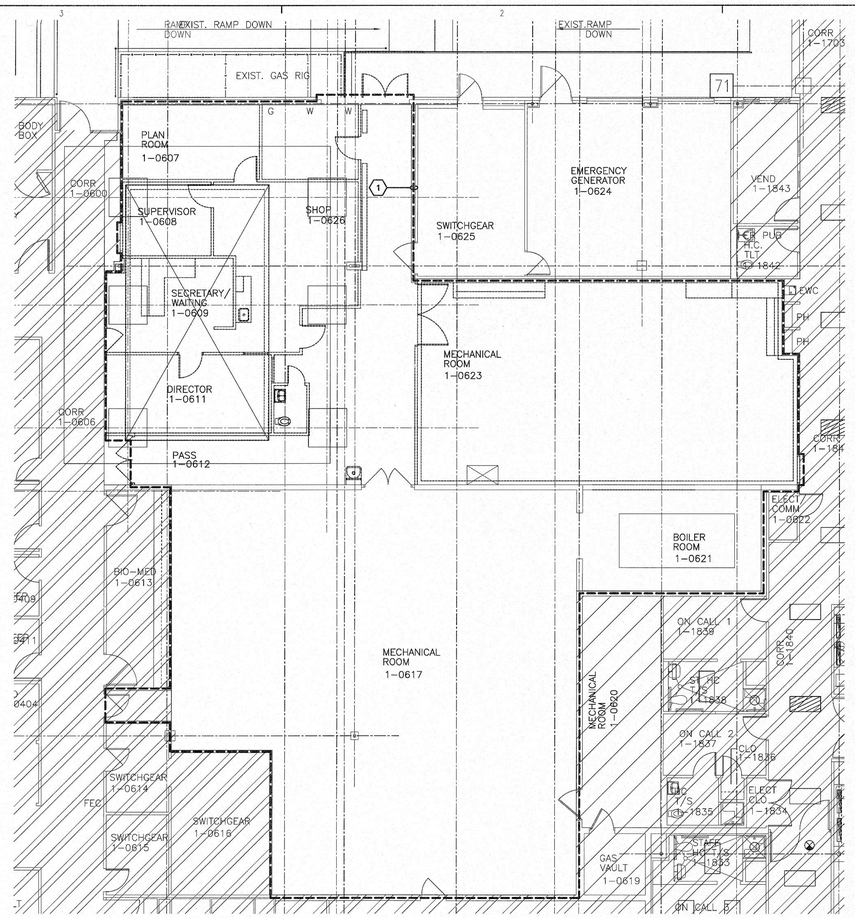
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02 LIGHTING DEMO PLAN - FIRST FLOOR - AREA 'D'

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



01 LIGHTING DEMO PLAN - FIRST FLOOR - AREA 'C'

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

GENERAL NOTES

A. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR DEMOLITION REQUIREMENTS.

B. REFER TO E-0000 FOR ELECTRICAL DEMOLITION NOTES.

C. DESIGNATION 'EX' REPRESENTS EXISTING DEVICE TO REMAIN AS CIRCUITED UNLESS NOTED OTHERWISE. CLEAN AND REPAIR DEVICE AS REQUIRED.

D. A DEVICE WITH AN 'R' INDICATES EXISTING DEVICE TO BE REMOVED INCLUDING ALL ASSOCIATED CONDUIT AND WIRING.

E. A DEVICE WITH AN 'RL' INDICATES EXISTING DEVICE TO BE RELOCATED AND RE-USED.

F. WHERE EXISTING MECHANICAL/PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION.

LEGEND NOTES

1. REMOVE ALL ELECTRICAL DEVICES AND CIRCUITING IN THIS AREA UNLESS NOTED OTHERWISE. WHERE WALLS ARE BEING DEMOLISHED DOWN TO STUDS, REMOVE ALL ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS CONTAINED THERIN UNLESS NOTED OTHERWISE. CIRCUITS SHALL BE DEMOLISHED BACK TO POINT OF ORIGINATION. REFER TO ARCHITECTURAL DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
2. RELOCATE EXISTING DEVICES AS INDICATED ON E-3001A.
3. EXISTING DEVICES AND LIGHT FIXTURE TO REMAIN.
4. EXISTING DEVICES AND FIXTURES IN MICROBIOLOGY 1-0810, COOLER 1-0821, OFFICE 1-0812, AND SOILED HOLD 1-0813 TO REMAIN UNLESS NOTED OTHERWISE.
5. EXISTING DEVICES ON THIS SIDE OF EXISTING WALL TO REMAIN.

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Revised 8-24-06

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED 3-2-09
DATE
ONLY HIGHLIGHTED REVISIONS APPROVED. ALL PREVIOUS COMMENTS APPLY.

2009382810

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South Campus
Private Room Expansion
Aurora, Colorado

HCA

Project # 306660001

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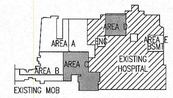
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KEY PLAN

FIRST FLOOR



COLORADO LICENSED 31031 PROFESSIONAL ENGINEER 2/16/09

Revisions

1	PR #49	02/13/09

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Checked	SG
Approved	SG

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LIGHTING DEMO PLAN FIRST FLOOR AREA 'C' & 'D'

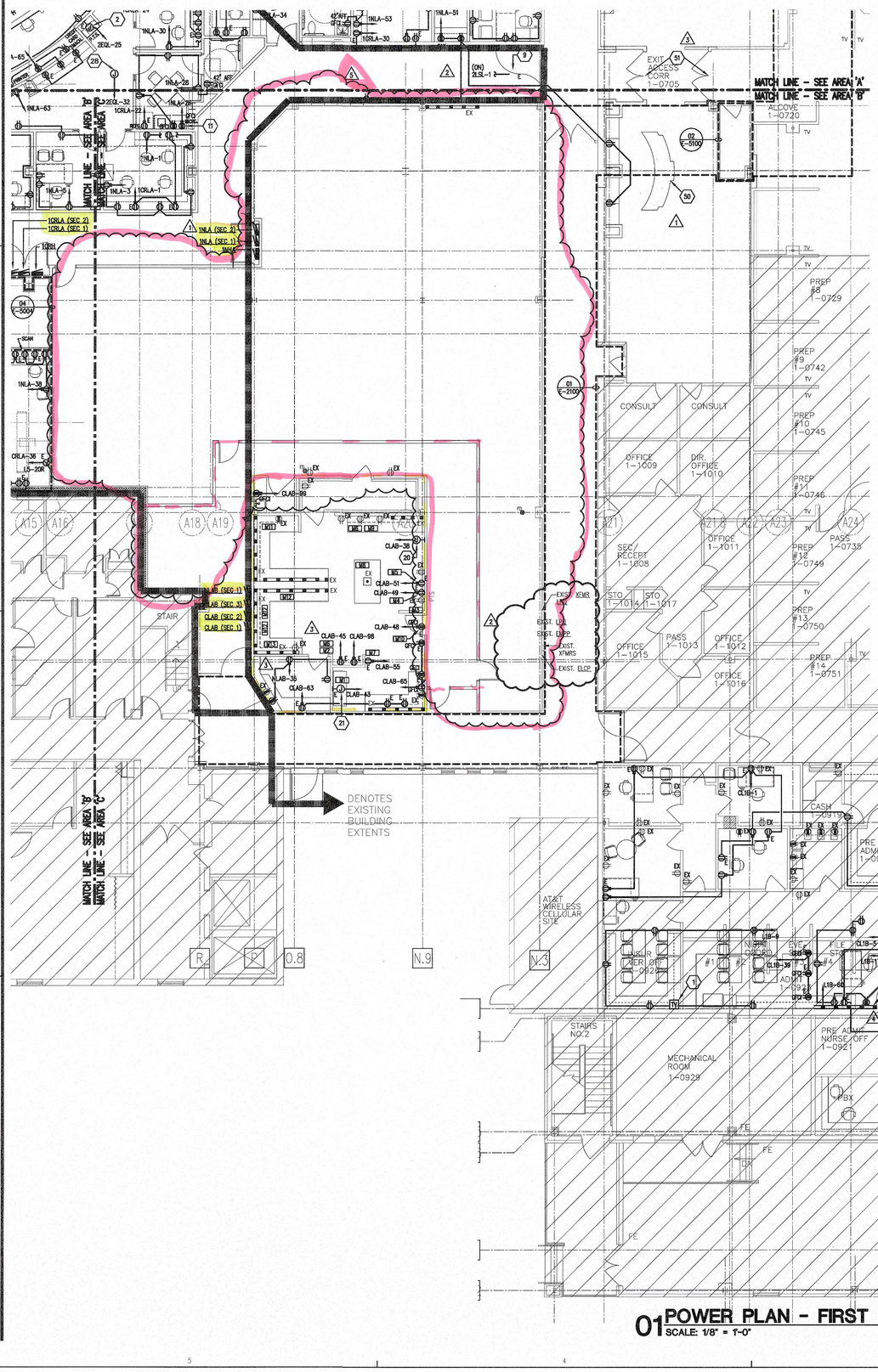
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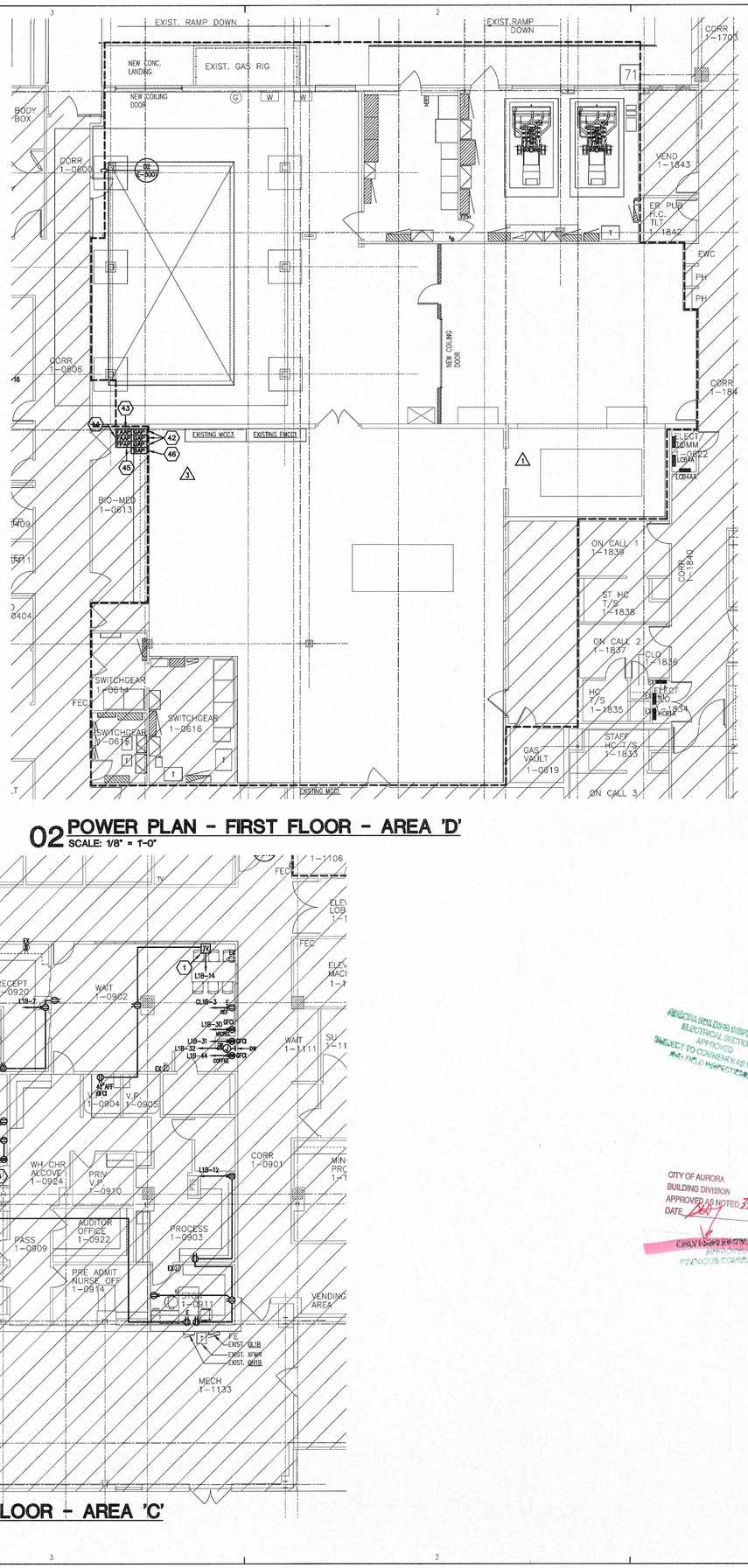
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02/13/2009 - 1:59PM
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01 POWER PLAN - FIRST FLOOR - AREA 'C'

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



02 POWER PLAN - FIRST FLOOR - AREA 'D'

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

GENERAL NOTES

A. COORDINATE LOCATION OF ALL DISCONNECTS, CONTROL PANELS AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES IN FRONT OF EQUIPMENT.

B. ANY DEVIATIONS FROM SCHEDULED EQUIPMENT RESULTING IN ADDITIONAL COSTS DUE TO LACK OF COORDINATION WITH DIMENSIONS AND WEIGHTS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

C. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO F/S DAMPERS, VAV BOXES, FCU'S, ETC. WITH MECHANICAL DRAWINGS AND DIVISION 23 CONTRACTOR.

LEGEND NOTES

1. COORDINATE LOCATION OF DEVICE WITH TV MOUNTING BRACKET.
2. JUNCTION BOX MOUNTED AT 70" A.F.F. FOR 120 VOLT EQUIPMENT POWER CONNECTION TO PNEUMATIC TUBE STATION. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH EQUIPMENT VENDOR DRAWINGS AND ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
4. SURFACE MOUNTED PLUGMOLD EQUAL TO WIREMOLD #AL-2400 MOUNTED AT 42" A.F.F. LOCATE 20A EMERGENCY POWER HOSPITAL GRADE DUPLEX RECEPTACLES AT 1'-0" O.C.
8. RECEPTACLE LOCATED UNDER SINK FOR CONNECTION TO HANDS FREE CONTROL AT SINK. COORDINATE LOCATION AND INSTALLATION WITH DIVISION 22. REFER TO DETAIL 04/E-7004 FOR ADDITIONAL INFORMATION.
11. RECEPTACLE MOUNTED UNDER CABINET FOR CONNECTION TO MICROWAVE. COORDINATE HEIGHTS AND EXACT LOCATION WITH MILLWORK AND ARCHITECTURAL ELEVATION PLANS PRIOR TO ROUGH-IN.
18. MOUNT RECEPTACLE IN ARCHITECTURAL CABINETRY. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION.
19. MOUNT RECEPTACLE HORIZONTALLY IN ARCHITECTURAL CABINETRY. REFER TO ARCHITECTURAL ELEVATIONS FOR ADDITIONAL INFORMATION.
20. JUNCTION BOX AT 70"AFF FOR TEMPORARY 120V CRITICAL POWER CONNECTED TO PNEUMATIC TUBE STATION. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH EQUIPMENT VENDOR DRAWINGS AND ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
21. JUNCTION BOX FOR 120V ELECTRICAL CONNECTION TO SAFETY HOOD. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH EXISTING EQUIPMENT PRIOR TO ROUGH IN.
22. RECEPTACLE FOR WALL MOUNTED MONITOR. COORDINATE HEIGHT WITH ARCHITECTURAL ELEVATIONS.
23. RECEPTACLE MOUNTED IN CABINETRY. COORDINATE HEIGHTS AND EXACT LOCATION WITH MILLWORK AND ARCHITECT PRIOR TO ROUGH-IN.
22. JUNCTION BOX LOCATED ABOVE ACCESSIBLE CEILING FOR 120V CRITICAL POWER CONNECTION TO HEAT CABLE IN THIS AREA. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION AND LENGTH.
28. JUNCTION BOX MOUNTED ABOVE ACCESSIBLE CEILING FOR 120V EQUIPMENT POWER CONNECTION TO PNEUMATIC TUBE TRANSFER STATION. COORDINATE EXACT REQUIREMENTS AND LOCATION WITH EQUIPMENT VENDOR DRAWINGS AND ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
33. JUNCTION BOX LOCATED ABOVE ACCESSIBLE CEILING FOR 120V CRITICAL POWER CONNECTION TO HEAT CABLE IN THIS AREA. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION AND LENGTH.
42. TEMP. LOCATION: GENERATOR ALARM PANEL FOR HOSPITAL GENERATOR.
43. TEMP. LOCATION: FIRE ALARM ANNUNCIATOR PANEL FOR THE HOSPITAL FIRE ALARM SYSTEM.
44. TEMP. LOCATION: FIRE ALARM ANNUNCIATOR PANEL FOR THE MOB FIRE ALARM SYSTEM.
45. TEMP. LOCATION: FIRE PUMP ALARM PANEL
46. TEMP. LOCATION: BOILER ALARM PANEL
47. PROVIDE 2#10 AND 1#10 GROUND IN 3/4" CONDUIT.
48. ENSURE THAT THESE CIRCUITS ORIGINATE FROM THE SAME POWER PHASE IN THE PANELBOARD.
49. POWER POLE EQUAL TO WIREMOLD #AMTC-4 FOR POWER AND COMMUNICATIONS TO ISLANDS.
50. CASEWORK IS TO BE RELOCATED. RELOCATE THE ELECTRICAL ROUGH-IN IN THE CASEWORK TO ACCOMMODATE THE NEW LOCATION. THIS INCLUDES POWER, VOICE/DATA, SECURITY ACCESS CONTROL, ETC.

BUILDING DIVISION COPY

ARIZONA BUILDING DISPLACEMENT ELECTRICAL SECTION APPROVED SUBJECT TO COMMENTS AS NOTED AND FIELD INSPECTIONS

Revs 5 8-24-06

CITY OF AURORA BUILDING DIVISION APPROVED AS NOTED DATE 3-2-09

ONLY WORK AS SHOWN ON THIS PLAN IS APPROVED. ALL PREVIOUS COMMENTS APPLY.

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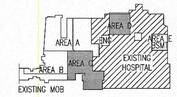
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KEY PLAN

FIRST FLOOR



NORTH

COLORADO LICENSED 31031 PROFESSIONAL ENGINEER 7/16/09

Revisions

1	RFI #156R	06/11/07
2	PR #18	11/15/07
3	PR #30	06/23/08
4	PR #40	11/03/08
5	PR #49	02/13/09

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POWER PLAN FIRST FLOOR AREA 'C' & 'D'

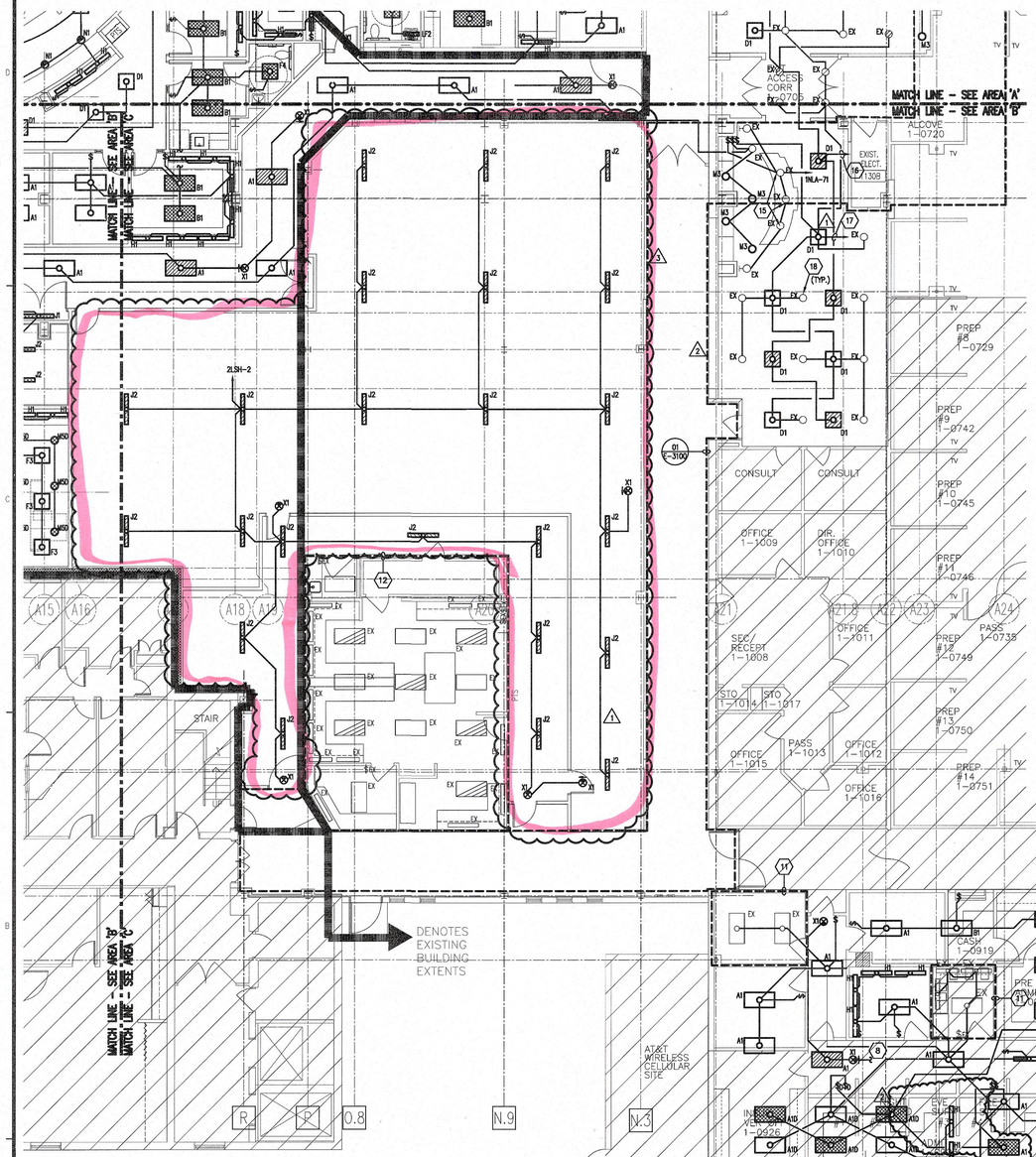
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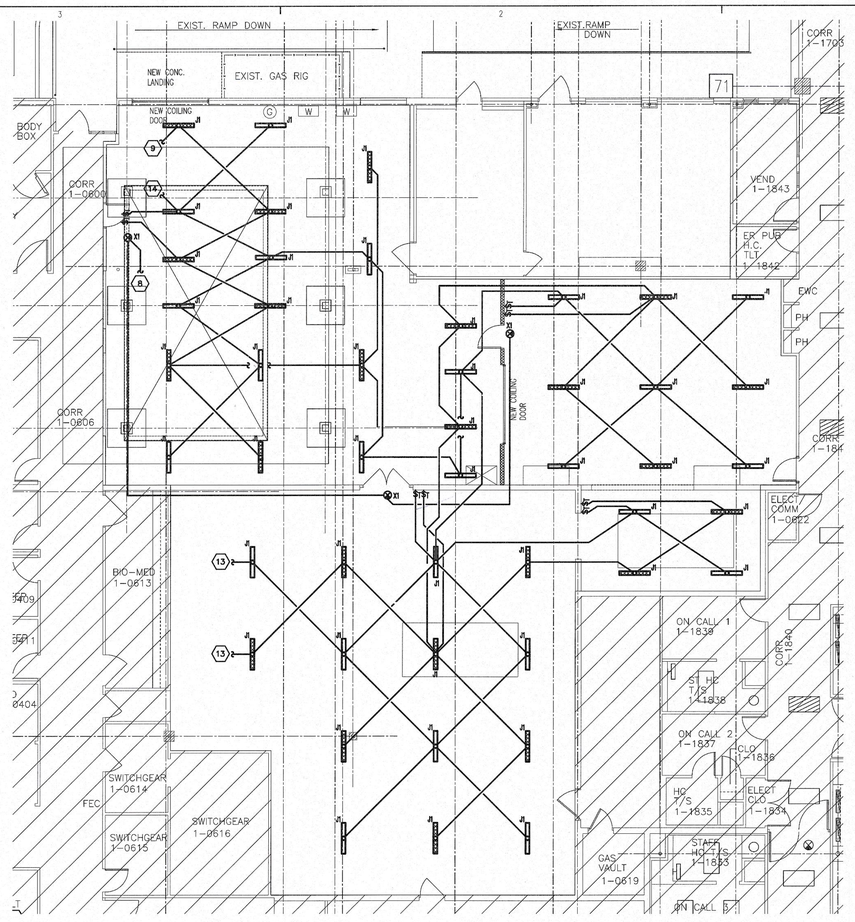
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01 LIGHTING PLAN - FIRST FLOOR - AREA 'C'
SCALE: 1/8" = 1'-0"



02 LIGHTING PLAN - FIRST FLOOR - AREA 'D'
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL LIGHT FIXTURES, SWITCHES AND WIRING DEVICES.

B. DESIGNATION "EX" REPRESENTS EXISTING DEVICE OR LIGHT FIXTURE TO REMAIN AS CIRCUITED AND SWITCHED UNLESS NOTED OTHERWISE. EXISTING LIGHT FIXTURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.

C. A DEVICE WITH AN "RL" INDICATES EXISTING DEVICE TO BE RELOCATED AND RE-USED.

LEGEND NOTES

8. CONNECT TO NEAREST EXISTING 277V LIFE SAFETY LIGHTING CIRCUIT. VERIFY LOAD DOES NOT EXCEED 80% OF CIRCUIT BREAKER RATING.
9. CONNECT TO NEAREST EXISTING 277V CRITICAL LIGHTING CIRCUIT AVAILABLE FROM DEMOLITION. VERIFY LOAD DOES NOT EXCEED 80% OF CIRCUIT BREAKER RATING.
11. EXISTING LIGHT FIXTURE TO REMAIN. CONNECT TO NEW CIRCUIT AS INDICATED.
12. EXISTING LIGHT FIXTURES TO REMAIN AS CIRCUITED AND SWITCHED.
13. REFER TO 01/E-3001D FOR CONTINUATION OF CIRCUIT.
14. CONNECT TO NEAREST EXISTING 277V NORMAL LIGHTING CIRCUIT AVAILABLE FROM DEMOLITION. VERIFY LOAD DOES NOT EXCEED 80% OF CIRCUIT BREAKER RATING.
15. ALL EXISTING LIGHT FIXTURES IN THIS AREA ARE RELOCATED FROM SPACE. CONTRACTOR SHALL VERIFY FIXTURES ARE CAPABLE OF ACCEPTING 120V POWER CONNECTION. (1)
16. CONNECT TO NEAREST EXISTING 277V LIFE SAFETY LIGHTING CIRCUIT FROM EXISTING PANEL 'LSH1A'. VERIFY LOAD DOES NOT EXCEED 80% OF CIRCUIT BREAKER RATING OR PANEL RATING. (2)
17. CONNECT TO EXISTING 277V NORMAL LIGHTING CIRCUIT FROM EXISTING PANEL 'H1S' THAT CURRENT SERVES THE SPACE. VERIFY LOAD DOES NOT EXCEED 80% OF CIRCUIT BREAKER RATING OR PANEL RATING.
18. VERIFY ALL BALLASTS ARE RATED FOR 277V ON THESE EXISTING LIGHT FIXTURES. IF NOT, CHANGE OUT BALLAST TO UNIVERSAL VOLTAGE, OR 277V BALLAST FOR ALL EXISTING FIXTURES THAT ARE BEING REUSED IN THIS SPACE.

AURORA BUILDING INSPECTION
ELECTRICAL SECTION
APPROVED
SUBJECT TO COMMENTS AS NOTED
AND FIELD INSPECTIONS

Renses 8-24-06

CITY OF AURORA
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APPROVED AS NOTED 3-2-09
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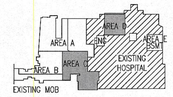
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KEY PLAN
FIRST FLOOR



NORTH

COLORADO LICENSED 31031 PROFESSIONAL ENGINEER 2/16/09

Revisions		
1	PR #18	11-15-07
2	PR #40	11-03-08
3	PR #49	02/13/09

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LIGHTING PLAN FIRST FLOOR AREA 'C' & 'D'

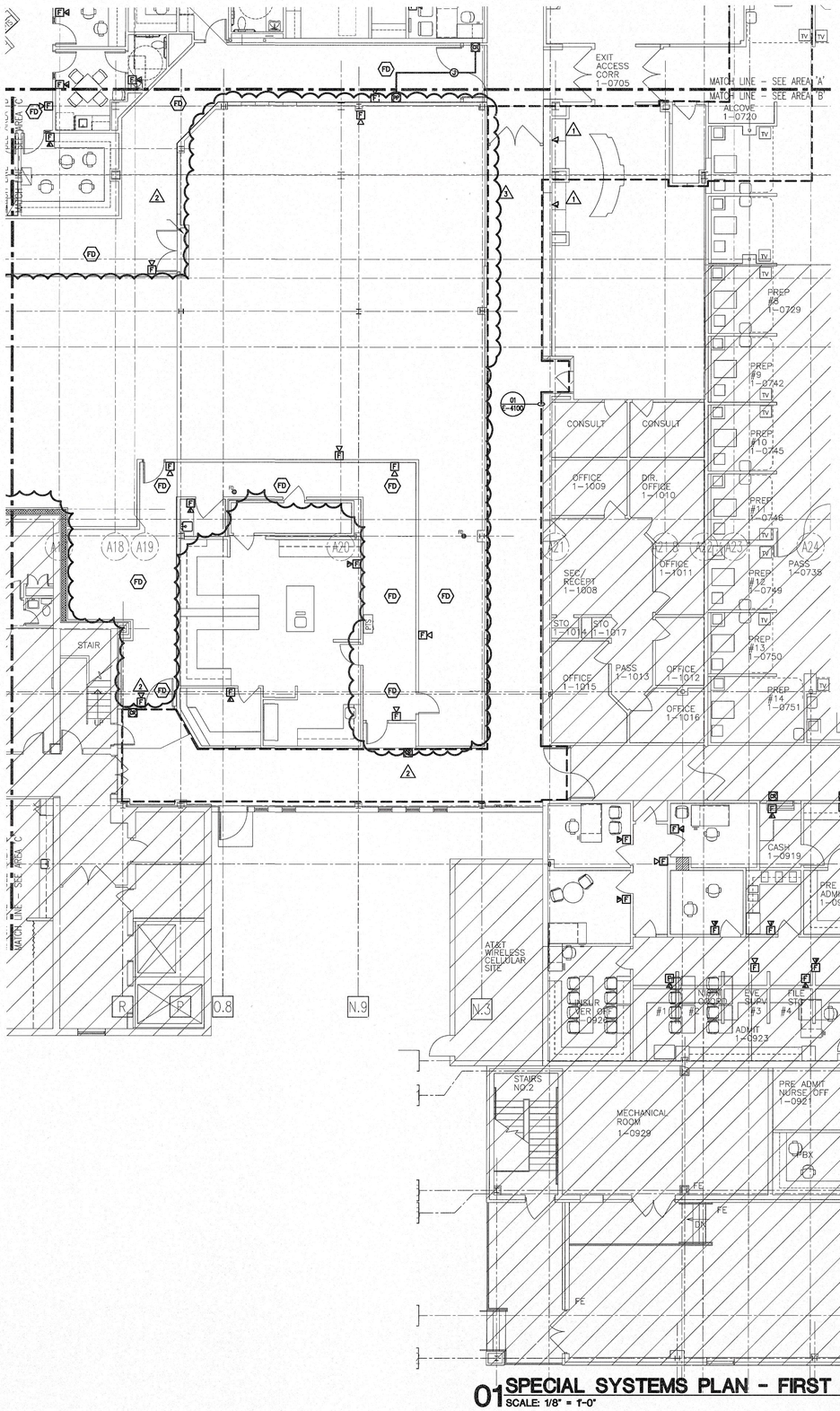
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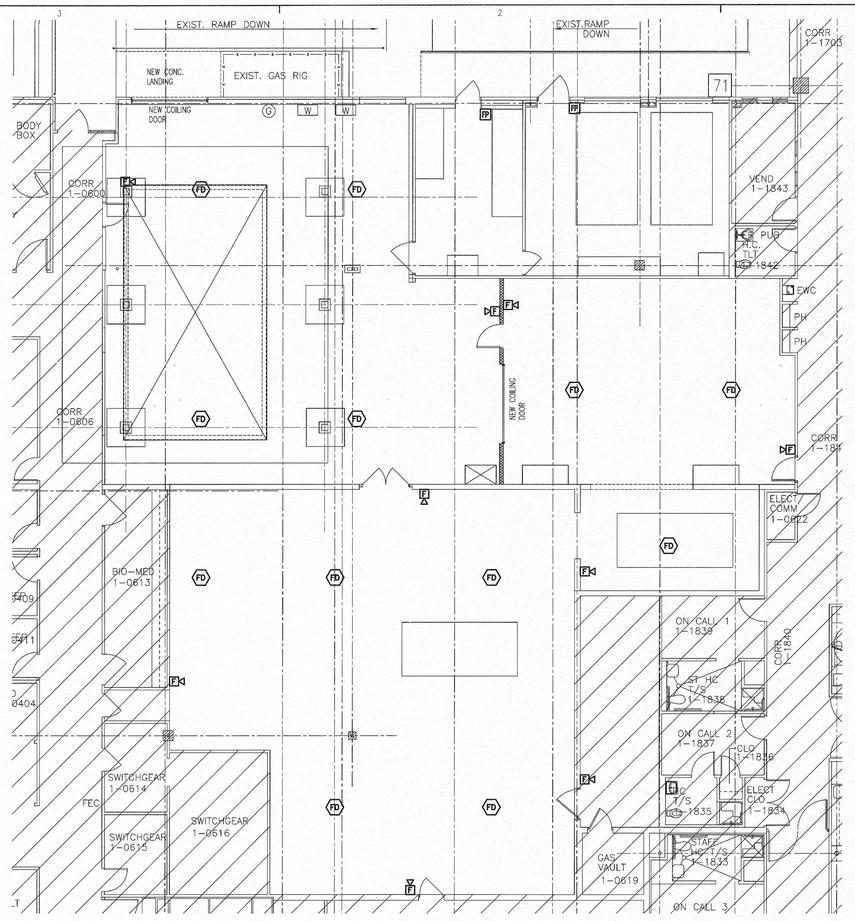
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01 SPECIAL SYSTEMS PLAN - FIRST FLOOR - AREA 'C'
SCALE: 1/8" = 1'-0"



02 SPECIAL SYSTEMS PLAN - FIRST FLOOR - AREA 'D'
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. PROVIDE DUCT MOUNTED SMOKE DETECTORS FOR CONTROL OF FIRE/SMOKE DAMPERS WHERE REQUIRED. COORDINATE EXACT LOCATIONS OF FIRE/SMOKE DAMPERS WITH MECHANICAL DRAWINGS. CONNECT FIRE/SMOKE DAMPER SMOKE DETECTORS TO FIRE ALARM SYSTEM. REFER TO 03/E-7100 FOR ADDITIONAL INFORMATION.

B. CONTRACTOR SHALL PROVIDE CONDUIT AND BOXES AS REQUIRED FOR SECURITY AND ELECTRONIC ACCESS CONTROLS. CONTRACTOR SHALL REFER TO ARCHITECTURAL DOOR SCHEDULE(S) FOR DOOR TYPES AND ARCHITECTURAL PLANS FOR DOOR TAGS. REFERENCE TYPICAL DETAILS ON DOOR ACCESS RISER DIAGRAMS (01/E-6008). PROVIDE FIRE ALARM CONTACTS FOR ALL DOORS THAT REQUIRE ELECTRICAL LOCKS (STRIKE OR MAG-LOCKS). FIRE ALARM SHALL RELEASE ALL DOOR LOCKS IN THE EVENT OF A GENERAL (EVAC) ALARM CONDITION.

FIRE ALARM SYSTEM

THE FIRE ALARM INITIATING DEVICES, INDICATING DEVICES, CONTROL/ANNUNCIATOR PANELS, AND OTHER PERIPHERAL DEVICES SHOWN ON THESE DOCUMENTS DO NOT CONSTITUTE THE TOTAL QUANTITY AND/OR TYPE OF DEVICES REQUIRED FOR THE PROJECT. THE EQUIPMENT INDICATED ON THESE DRAWINGS IS SHOWN FOR THE PURPOSE OF COORDINATION ONLY. THE FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, LAYOUT, AND INSTALLATION OF A COMPLETE SYSTEM IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS (INCLUDING THIRD PARTY LIFE SAFETY REPORTS), AND WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION. THE SYSTEM DRAWINGS SHALL BE DESIGNED AND SEALED BY A NICET LEVEL III CERTIFIED DESIGNER. REFER TO THE PROJECT SPECIFICATIONS FOR SYSTEM PERFORMANCE REQUIREMENTS.

BUILDING CODE:	2003 IBC
FIRE CODE:	2003 IFC
BUILDING CONSTRUCTION TYPE:	I-B
OCCUPANCY:	HOSPITAL: I-2

Revisps 8-24-06

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THIS SHEET OF DRAWINGS HAS NOT BEEN REVIEWED FOR ELECTRICAL CODE COMPLIANCE
See Life Safety Approvals (Typical)

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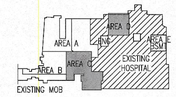
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KEY PLAN
FIRST FLOOR



NORTH

COLORADO LICENSED Mike Wilson 31031 PROFESSIONAL ENGINEER 8/16/06

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SPECIAL SYSTEMS PLAN FIRST FLOOR AREA 'C' & 'D'

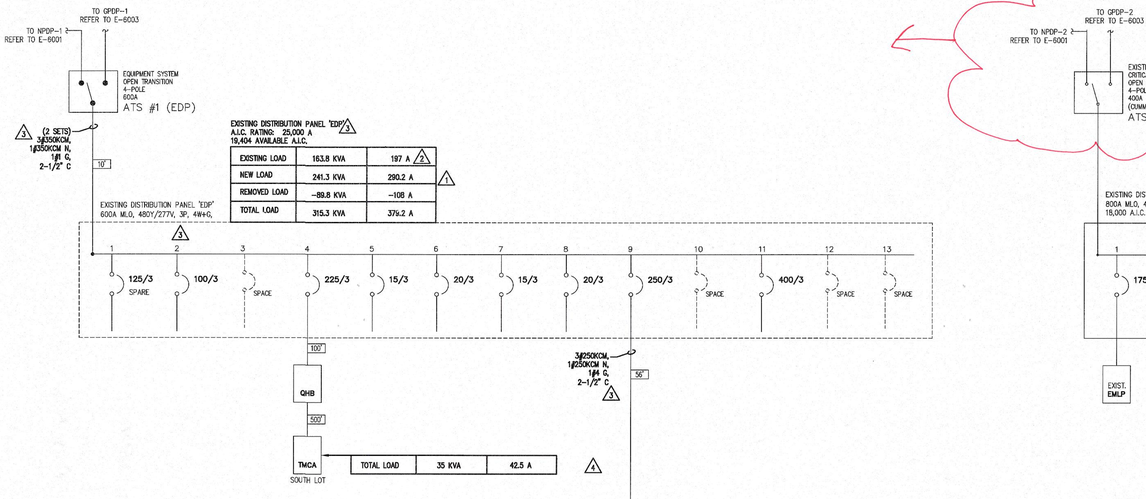
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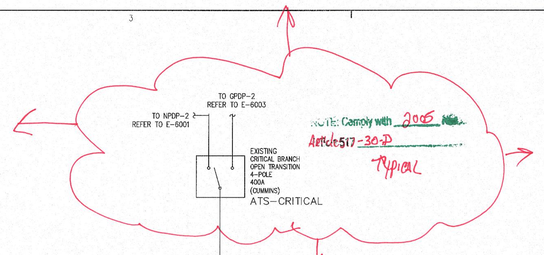
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GENERAL NOTES:

A. FEEDER SIZES ARE DETERMINED BY THE FEEDER SCHEDULE ON SHEET E-6000 AND ARE DESIGNATED BY A RECTANGULAR TAG (###) ON EACH FEEDER UNLESS NOTED OTHERWISE.

B. WHERE EXISTING MECHANICAL AND PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION.

C. REFER TO E-6000 FOR ONE-LINE DIAGRAM SYMBOLS AND SCHEDULES.

LEGEND NOTES:

1. EXISTING EQUIPMENT TO BE REMOVED, COORDINATE PHASING OF DEMOLITION WITH NEW CONSTRUCTION. LABEL CIRCUIT BREAKER AS SPARE.
2. 480V/70A/3# CIRCUIT BREAKER CAPABLE OF BEING LOCKED IN THE OPEN POSITION WITH SHUNT-TRIP FOR BOILER EMERGENCY SHUT DOWN. SHUNT-TRIP SHALL BE CONTROLLED BY THE EMERGENCY OFF SWITCH LOCATED ON MECHANICAL PANEL.
3. DEMO FEEDER AND MARK BREAKER AS SPARE.

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AURORA BUILDING INSPECTION
ELECTRICAL SECTION
APPROVED
SUBJECT TO COMMENTS AS NOTED

Revised 3-13-07

CITY OF AURORA
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APPROVED AS NOTED 3-2-09
DATE 3-2-09

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01 PARTIAL EXISTING EMERGENCY POWER ONE-LINE DIAGRAM

NO SCALE

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MICHAEL GRIFFIN
31031
PROFESSIONAL ENGINEER
2/16/09

Revisions

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2	ASI #2	01/18/07
3	ASI #3	03/12/07
4	PR-21	03/03/08
5	PR-27	05/27/08
6	PR #49	02/13/09

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PARITAL EXISTING EMERGENCY POWER ONE-LINE DIAGRAM

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E-6004

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GENERAL NOTES

A. EXISTING LOADS IN EXISTING PANELS 'LPQ', 'EMPP', AND 'ELCP' WERE TAKEN FROM RECORD DRAWINGS. CONTRACTOR SHALL VERIFY AFTER CIRCUIT MIGRATION THE EXACT EXISTING TOTAL LOAD AND SHALL DOCUMENT BACK TO ENGINEER OF RECORD THAT IT IS LESS THAN THE LOAD INDICATED. IN ADDITION, ALL RELOCATED LOADS NEED TO BE TRACED OUT AND RELABELED WITH THEIR NEW PANEL AND CIRCUIT DESIGNATION.

B. EXISTING PANEL 'LPQA' FED FROM PANEL 'LPQ' ACTUAL LOCATION COULD NOT BE FOUND. WORK WITH HOSPITAL TO DETERMINE EXACT LOCATION, AND THE LOAD IT SERVES TO UNDERSTAND THE IMPACT TO THE FACILITY WHEN THE FEEDER IS MIGRATED. RELABEL 'LPQA' WITH THE NEW "FED FROM" INFORMATION.

Locate & verify Prior to Approval

Provide All Noted Documentation to field Inspector

EXISTING PANEL: LPQ — NORMAL

LOCATION: EX. ELEC RM 1105
MAIN BUS: 100A
MCB: 100A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: LP8
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Circuit Breaker

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	MECH. RM RCPTS	540	20	1	A	20	1	360	LAB RCPT	2
3	MECH. RM PUMPS	500	20	1	B	20	1	--	SPARE?	4
5	MECH. RM PUMPS	500	20	1	C	20	1	--	SPARE?	6
7	CHEM FUME HOOD	750	20	1	A	20	1	540	HALL RCPT	8
9	SPARE	--	20	1	B	20	1	--	SPARE	10
11	SPARE	--	20	1	C	20	1	540	HALL RCPT	12
13	SPARE	--	20	1	A	20	1	540	LAB PLUG MOLD	14
15	HALL RCPTS	540	20	1	B	20	1	--	SPARE	16
17	SPARE	--	20	1	C	20	1	540	LAB PLUG MOLD	18
19	SPARE	--	20	1	A	20	1	--	SPARE	20
21	SPARE	--	30	2	B	20	1	--	SPARE	22
23	---	--			C	20	1	--	SPARE	24
25	SPARE	--	20	1	A	20	1	--	SPARE	26
27	SPARE	--	20	1	B	20	1	--	SPARE	28
29	PANEL 'LPQA'	4693	60	3	C	20	1	--	SPARE	30
31	---	4693			A	50	2	--	SPARE	32
33	---	4693			B			---	---	34
35	S.O.	--	--	1	C	20	1	--	SPARE	36
37	MAIN CIRCUIT BREAKER	--	100	3	A	--	1	--	S.O.	38
39	---	--			B	--	1	--	S.O.	40
41	---	--			C	--	1	--	S.O.	42

NOTES:
FIELD VERIFY ALL SPARES AND LOADS SERVED, THEN MIGRATE TO NEW PANEL 'NLAB' PRIOR TO DEMOLISHING THIS PANEL

'LPQ' LOAD SUMMARY

	LTS	RCPTS	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	3.6	15.8	19.4	53.9
DEMAND FACTOR	SEE DEMAND FACTOR TABLE				
TOTAL DEMAND LOAD	0.0	4.0	16.0	20.0	55.5
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00		
TOTAL DESIGN LOAD	0.0	4.0	16.0	20.0	55.5

EXISTING PANEL: ELCP — CRITICAL

LOCATION: EX. ELEC RM 1105
MAIN BUS: 100A
MCB: 60A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: CBDP
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Circuit Breaker

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	SPARE	--	20	1	A	20	1	360	*MICRO RCPT	2
3	SPARE	--	20	1	B	20	1	540	*MICRO PLUG MOLD	4
5	*FAX-COPIER	500	20	1	C	20	1	360	*MICRO RCPT	6
7	SPARE	--	20	1	A	20	1	--	SPARE	8
9	SPARE	--	20	1	B	20	1	--	SPARE	10
11	SPARE	--	20	1	C	20	1	360	*MICRO RCPT	12
13	SPARE	--	20	1	A	20	1	--	SPARE	14
15	SPARE	--	20	1	B	20	1	--	SPARE	16
17	SPARE	--	20	1	C	20	1	360	*MICRO OFFICE	18
19	*MICRO PLUG MOLD	540	20	1	A	20	1	540	*MICRO RCPT	20
21	*STORAGE LAB	360	20	1	B	20	1	1200	**EX. LOAD (VERIFY IN FIELD)	22
23	*MICRO PLUG MOLD	540	20	1	C	20	1	1200	**EX. LOAD (VERIFY IN FIELD)	24
25	MAIN CIRCUIT BREAKER	--	60	3	A	20	1	360	*MICRO RCPT	26
27	---	--			B	20	1	540	*MICRO PLUG MOLD	28
29	---	--			C	20	1	360	*MICRO RCPT	30

NOTES:
FIELD VERIFY ALL SPARES AND LOADS SERVED, THEN MIGRATE TO NEW PANEL 'CLAB' PRIOR TO DEMOLISHING THIS PANEL
LOADS SHOWN ON THIS SCHEDULE ARE BASED ON RECORD DRAWINGS, CONTRACTOR SHALL VERIFY RELOCATED CIRCUIT LOADS PRIOR TO MIGRATION.
*DENOTES CIRCUIT TO BE MIGRATED TO NEW PANEL

'ELCP' LOAD SUMMARY

	LTS	RCPTS	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	5.3	2.9	8.1	22.5
DEMAND FACTOR	SEE DEMAND FACTOR TABLE				
TOTAL DEMAND LOAD	0.0	5.0	3.0	8.0	22.2
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00		
TOTAL DESIGN LOAD	0.0	5.0	3.0	8.0	22.2

EXISTING PANEL: EMPP — CRITICAL

LOCATION: EX. ELEC. RM 1105
MAIN BUS: 150A
MCB: 150A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: CBDP
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Circuit Breaker

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: No

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	*LAB PLUG MOLD	540	20	1	A	20	1	--	SPARE	2
3	*LAB PLG MOLD	540	20	1	B	20	1	--	SPARE	4
5	*HALL	360	20	1	C	20	1	--	SPARE	6
7	SPARE	--	20	1	A	20	1	--	SPARE	8
9	SPARE	--	20	1	B	20	1	--	SPARE	10
11	SPARE	--	20	2	C	20	1	--	SPARE	12
13	---	--			A	20	1	--	SPARE	14
15	SPARE	--	20	1	B	20	1	--	SPARE	16
17	SPECIMEN FRIDGE	500	20	1	C	20	1	--	SPARE	18
19	*SMOKE DAMPER	150	20	1	A	20	1	500	*LAB FRIDGE	20
21	SPARE	--	30	2	B	20	1	--	SPARE	22
23	---	--			C	20	1	--	SPARE	24
25	SPARE	--	20	1	A	20	1	--	SPARE	26
27	SPARE	--	20	1	B	20	1	--	SPARE	28
29	*WALK-IN COMPRESSOR	750	20	2	C	20	1	--	SPARE	30
31	---	750			A	20	1	--	SPARE	32
33	*WALK-IN LTG & FANS	1000	20	1	B	20	1	--	SPARE	34
35	*SECURITY CAMERA	250	20	1	C	20	2	500	BLOOD BANK FRIDGE	36
37	*SECURITY CAMERA	250	20	1	A			500	---	38
39	SPARE	--	20	1	B	60	2	--	SPARE	40
41	SPARE	--	20	1	C			--	---	42

NOTES:
FIELD VERIFY ALL SPARES AND LOADS SERVED, THEN MIGRATE TO NEW PANEL 'CLAB' PRIOR TO DEMOLISHING THIS PANEL.
LOADS SHOWN ON THIS SCHEDULE ARE BASED ON RECORD DRAWINGS, CONTRACTOR SHALL VERIFY RELOCATED CIRCUIT LOADS PRIOR TO MIGRATION.
*DENOTES CIRCUIT TO BE MIGRATED TO NEW PANEL

'EMPP' LOAD SUMMARY

	LTS	RCPTS	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	1.4	5.2	6.6	18.3
DEMAND FACTOR	SEE DEMAND FACTOR TABLE				
TOTAL DEMAND LOAD	0.0	1.0	5.0	6.0	16.7
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00		
TOTAL DESIGN LOAD	0.0	1.0	5.0	6.0	16.7

PANEL: NLAB — NORMAL

LOCATION: LAB 1097
MAIN BUS: 100A
MCB: N/A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: 10PNL
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: Yes

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	* MECH RM RCPTS	540	20	1	A	20	1	360	* LAB RCPT	2
3	* MECH. RM PUMPS	500	20	1	B	20	1	540	* HALL RCPT	4
5	* MECH RM PUMPS	500	20	1	C	20	1	540	* HALL RCPT	6
7	* CHEM FUME HOOD	750	20	1	A	20	1	540	* LAB PLUGMOLD	8
9	* HALL RCPTS	540	20	1	B	20	1	540	* LAB PLUGMOLD	10
11	SPARE	--	20	1	C	20	1	--	SPARE	12
13	SPARE	--	20	1	A	20	1	--	SPARE	14
15	SPARE	--	20	1	B	20	1	--	SPARE	16
17	SPARE	--	20	1	C	20	1	--	SPARE	18
19	SPARE	--	20	1	A	20	1	--	SPARE	20
21	SPARE	--	20	1	B	20	1	--	SPARE	22
23	SPARE	--	20	1	C	20	1	--	SPARE	24
25	SPARE	--	20	1	A	20	1	--	SPARE	26
27	SPARE	--	20	1	B	20	1	--	SPARE	28
29	SPARE	--	20	1	C	20	1	--	SPARE	30
31	SPARE	--	20	1	A	20	1	--	SPARE	32
33	SPARE	--	20	1	B	20	1	--	SPARE	34
35	RCPT'S. RM. 1103	360	20	1	C	20	1	--	SPARE	36
37	* PANEL 'LPQA'	4693	**60	3	A	20	1	--	SPARE	38
39	---	4693			B	20	1	--	SPARE	40
41	---	4693			C	20	1	--	SPARE	42

NOTES:
* - INDICATES A RELOCATED CIRCUIT FROM EX. PANEL 'LPQ' THAT IS TO BE DEMOLISHED.
** - INDICATES A NEW BREAKER NEEDS TO BE PROVIDED. REMOVE 20/1 BREAKERS CURRENTLY IN THIS LOCATION, AND RETURN TO OWNER.

'NLAB' LOAD SUMMARY

	LTS	RCPTS	HSP/IL	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	3.6	0.4	15.8	19.8	54.9
DEMAND FACTOR	SEE DEMAND FACTOR TABLE					
TOTAL DEMAND LOAD	0.0	4.0	0.0	16.0	20.0	55.5
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00		
TOTAL DESIGN LOAD	0.0	4.0	0.0	16.0	20.0	55.5

PANEL: CLAB — CRITICAL

LOCATION: LAB 1097
MAIN BUS: 225A
MCB: N/A
VOLTAGE: 208/120
AIC: 10,000A

FED FROM: 20PCRL
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: Yes

CKT NO	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
1	*LAB PLUG MOLD	540	20	1	A	20	1	500	**FAX-COPIER	2
3	*LAB PLUG MOLD	540	20	1	B	20	1	540	**MICRO-PLUG MOLD	4
5	*HALL	360	20	1	C	20	1	360	**STORAGE LAB	6
7	*SMOKE DAMPER	150	20	1	A	20	1	540	**MICRO-PLUG MOLD	8
9	***WALK-IN COMPRESSOR	750	20	2	B	20	1	360	**MICRO RCPT	10
11		750			C	20	1	540	**MICRO-PLUG MOLD	12
13	*WALK-IN LTS/FAN	1000	20	1	A	20	1	360	**MICRO RCPT	14
15	*SECURITY CAMERA	250	20	1	B	20	1	360	**MICRO RCPT	16
17	*SECURITY CAMERA	250	20	1	C	20	1	360	**MICRO OFFICE	18
19	*LAB FRIDGE	500	20	1	A	20	1	540	**MICRO RCPT	20
21	SPARE	--	20	1	B	20	1	1200	**EX. LOAD (VERIFY AND RENAME)	22
23	SPARE	--	20	1	C	20	1	1200	**EX. LOAD (VERIFY AND RENAME)	24
25	SPARE	--	20	1	A	20	1	360	**MICRO RCPT	26
27	SPARE	--	20	1	B	20	1	540	**MICRO-PLUG MOLD	28
29	SPARE	--	20	1	C	20	1	360	**MICRO RCPT	30
31	SPARE	--	20	1	A	20	1	--	SPARE	32
33	SPARE	--	20	1	B	20	1	--	SPARE	34
35	SPARE	--	20	1	C	20	1	--	SPARE	36
37	SPARE	--	20	1	A	20	1	200	J-BOX PT.S RM. 1102	38
39	SPARE	--	20	1	B	20	1	--	SPARE	40
41	SPARE	--	20	1	C	20	1	--	SPARE	42

NOTES:
* DENOTES CIRCUIT MIGRATED FROM EXISTING PANEL 'EMPP'.
** DENOTES CIRCUIT MIGRATED FROM EXISTING PANEL 'ELCP'.
*** PROVIDE NEW 2P CIRCUIT BREAKER IN THIS LOCATION.

See E2001C this issue for Demo Circuits

PANEL: CLAB (SECTION 2) — CRITICAL

LOCATION: LAB 1097
MAIN BUS: 225A
MCB: N/A
VOLTAGE: 208/120
AIC: 10,000A

WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No
FEED THROUGH LUGS: Yes

CKT NO	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
43	SAFETY HOOD "M1" RM. 1102	1920	20	1	A	20	1	--	SPARE	44
45	INCUBATOR "M2" RM. 1102	840	20	1	B	20	1	--	SPARE	46
47	BACTEC 9240 "M3" RM. 1102	1068	20	1	C	20	1	1800	MEDIA REFG. "M10" RM. 1102	48
49	BACTEC 9240 "M4" RM. 1102	1068	20	1	A	20	1	--	SPARE	50
51	MICROSCAN "M5" RM. 1102	1200	20	1	B	20	1	--	SPARE	52
53	SPARE	--	20	1	C	20	1	--	SPARE	54
55	REFRIG/FREZ "M7" RM. 1102	1200	20	1	A	20	1	--	SPARE	56
57	SPARE	--	20	1	B	20	1	--	SPARE	58
59	SPARE	--	20	1	C	20	1	--	SPARE	60
61	SPARE	--	20	1	A	20	1	--	SPARE	62
63	RCPT'S RM. 1102	540	20	1	B	20	1	--	SPARE	64
65	RCPT'S RM. 1102	540	20	1	C	20	1	--	SPARE	66
67	SPARE	--	20	1	A	20	1	--	SPARE	68
69	SPARE	--	20	1	B	20	1	--	SPARE	70
71	SPARE	--	20	1	C	20	1	--	SPARE	72
73	SPARE	--	20	1	A	20	1	--	SPARE	74
75	SPARE	--	20	1	B	20	1	--	SPARE	76
77	SPARE	--	20	1	C	20	1	--	SPARE	78
79	SPARE	--	20	1	A	20	1	--	SPARE	80
81	SPARE	--	20	1	B	20	1	--	SPARE	82
83	SPARE	--	20	1	C	20	1	--	SPARE	84

NOTES:

PANEL: CLAB (SECTION 3) — CRITICAL

LOCATION: LAB 1097
MAIN BUS: 225A
MCB: N/A
VOLTAGE: 208/120
AIC: 10,000A

WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: Copper
MOUNTING: Surface
PANEL LUGS: Main Lugs Only

NEUTRAL BUS: Yes
GROUND BUS: Yes
ISOLATED GROUND BUS: No
200% NEUTRAL: No

CKT NO	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	PHASE	CIRCUIT BREAKER AMPS	CIRCUIT BREAKER POLES	TOTAL LOAD (VA)	DESCRIPTION	CKT NO
85	SPARE	--	20	1	A	20	1	--	SPARE	86
87	SPARE	--	20	1	B	20	1	--	SPARE	88
89	SPARE	--	20	1	C	20	1	--	SPARE	90
91	SPARE	--	20	1	A	20	1	--	SPARE	92
93	SPARE	--	20	1	B	20	1	--	SPARE	94
95	SPARE	--	20	1	C	20	1	--	SPARE	96
97	SPARE	--	20	1	A	20	1	--	SPARE	98
99	SPARE	--	20	1	B	20	1	--	SPARE	100
101	SPARE	--	20	1	C	20	1	--	SPARE	102
103	SPARE	--	20	1	A	20	1	--	SPARE	104
105	SPARE	--	20	1	B	20	2	--	SPARE	106
107	SPARE	--	20	1	C			--	---	108
109	SPARE	--	20	1	A	20	2	--	SPARE	110
111	SPARE	--	20	1	B			--	---	112
113	SPARE	--	20	1	C	20	2	--	SPARE	114
115	SPARE	--	20	1	A			--	---	116
117	SPARE	--	20	1	B	20	1	--	SPARE	118
119	SPARE	--	20	1	C	20	1	--	SPARE	120
121	SPARE	--	20	1	A	20	1	--	SPARE	122
123	SPARE	--	20	1	B	20	1	--	SPARE	124
125	SPARE	--	20	1	C	20	1	--	SPARE	126

NOTES:

'CLAB' LOAD SUMMARY

	LTS	RCPTS	HSP/IL	MISC	TOTAL (KVA)	TOTAL (AMPS)
TOTAL CONNECTED LOAD	0.0	17.0	0.0	6.6	23.6	65.5
DEMAND FACTOR	SEE DEMAND FACTOR TABLE					
TOTAL DEMAND LOAD	0.0	13.5	0.0	7.0	20.5	56.9
CONTINUOUS (DESIGN) FACTOR	1.25	1.00	1.00	1.00		
TOTAL DESIGN LOAD	0.0	13.5	0.0	7.0	20.5	56.9

Revise 8.24.06

AURORA BUILDING INSPECTION
ELECTRICAL SECTION
APPROVED
SUBJECT TO COMMENTS AS NOTED
AND FIELD INSPECTIONS

CITY OF AURORA
BUILDING DIVISION
APPROVED AS NOTED
DATE 8.22.09
ONLY PLANS NOTED FOR WORK APPROVED. ALL PREVIOUS COMMENTS APPLY.

2009382810

BUILDING DIVISION COPY

LPQ		NLAB
ELCP		CLAB SEC. 1
EMPP		CLAB SEC. 2
		CLAB SEC. 3

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COLORADO LICENSED 31031 PROFESSIONAL ENGINEER 2/16/09

Revisions		
1	PR #31	06-24-08
2	PR #49	02/13/09

NO.	ISSUE	DATE

Sheet information

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Checked	SG
Approved	SG

Title

ELECTRICAL PANEL SCHEDULES

Sheet

E-8004

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