

GENERAL DEMOLITION REQUIREMENTS

THE FOLLOWING REQUIREMENTS FOR DEMOLITION, CUTTING AND PATCHING APPLY TO ALL WORK WHICH IS ALTERED, WHETHER SUCH WORK IS NEW, EXISTING, RENOVATED OR REPLACED.

PRIOR TO DEMOLITION, CUTTING AND PATCHING, THE CONTRACTOR SHALL LOCATE AND DISCONNECT UTILITY SERVICES AND ELECTRICAL / MECHANICAL SYSTEMS, OR TEMPORARILY CAP OFF SUCH SERVICES TO THE AFFECTED AREAS. GIVE NOTICE TO, AND COORDINATE WITH UTILITY COMPANIES. OBTAIN WRITTEN APPROVAL FROM, AND COOPERATE WITH OTHER PARTIES WHO MAY BE AFFECTED BY INTERRUPTION OF SERVICES.

CLEARLY MARK THE AREAS AND LIMITS OF DEMOLITION, CUTTING AND PATCHING. IF FEASIBLE, PRE-CUT THE LINE OF SEPARATION BETWEEN AREAS OF DEMOLITION AND AREAS TO BE PRESERVED. UTILIZE DEMOLITION AND CUTTING TECHNIQUES WHICH ARE LEAST LIKELY TO DAMAGE SURROUNDING OR ADJOINING WORK. WHERE FEASIBLE, USE HAND TOOLS AND SMALL POWER TOOLS THAT ARE DESIGNED FOR SAWING AND GRINDING, NOT HAMMERING OR CHOPPING. DO NOT USE EXPLOSIVES.

STRUCTURAL REQUIREMENTS: DO NOT CUT AND PATCH STRUCTURAL WORK IN A MANNER WHICH WILL REDUCE LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO. WHERE STRUCTURAL WORK MUST BE CUT, PROVIDE ADEQUATE TEMPORARY SUPPORT (BRACING AND/OR SHORING) TO RESIST VERTICAL, LATERAL AND DYNAMIC LOADS IN THE ENTIRE TRIBUTARY AREA OF THE AFFECTED STRUCTURAL MEMBERS. WHERE REQUIRED, ENGAGE A LICENSED STRUCTURAL ENGINEER TO DESIGN SHORING / BRACING SYSTEMS AND JOINT OR CONNECTION DETAILS.

OPERATIONAL AND SAFETY LIMITATIONS: DO NOT CUT AND PATCH OPERATIONAL ELEMENTS OR SAFETY RELATED COMPONENTS IN A MANNER WHICH WILL REDUCE INTENDED PERFORMANCE OR SAFETY FACTOR, OR WHICH WILL RESULT IN INCREASED MAINTENANCE OR REDUCED OPERATIONAL LIFE.

VISUAL REQUIREMENTS: DO NOT CUT AND PATCH WORK IN A MANNER WHICH WILL RESULT IN LESSENING OF THE AESTHETIC QUALITIES OF THE BUILDING OR SITE, OR THAT WILL RESULT IN VISUAL EVIDENCE OF CUT AND PATCH WORK. WHERE REQUIRED, EXTEND FINISH MATERIALS OVER ENTIRE UNBROKEN SURFACE AREAS AFFECTED BY CUT AND PATCH WORK. REMOVE AND REPLACE CUT AND PATCH WORK WHICH DOES NOT MEET VISUAL REQUIREMENTS.

PROTECTION: PROTECT OTHER WORK DURING CUTTING AND PATCHING OPERATIONS TO PREVENT DAMAGE. PROVIDE PROTECTION OF ALL WORK FROM ADVERSE WEATHER CONDITIONS. WHERE OPENINGS ARE CREATED IN ROOF OR EXTERIOR WALLS, PROVIDE TEMPORARY ENCLOSURE OF SUCH OPENINGS ON A DAILY BASIS, AND WHENEVER ADVERSE WEATHER THREATENS OR EXISTS.

ASBESTOS SURVEY AND ABATEMENT: PRIOR TO DEMOLITION, CUTTING OR PATCHING WORK, ENGAGE A LICENSED ASBESTOS ABATEMENT CONTRACTOR TO REMOVE OR ENCAPSULATE ALL ASBESTOS CONTAINING MATERIALS, ACCORDING TO THE RECOMMENDATIONS OF THE ASBESTOS CONSULTANT, AS STIPULATED IN THE CONSULTANT'S REPORT. WHERE ASBESTOS CONTAINING MATERIALS ARE ENCAPSULATED IN THE BUILDING, PROVIDE THE OWNER WITH A DETAILED DESCRIPTION OF ALL REMAINING MATERIALS, INCLUDING LOCATIONS, APPROXIMATE QUALITIES, AND METHODS OF ENCAPSULATION AND INSTRUCTIONS FOR NOT DISTURBING THE ENCAPSULATED MATERIALS.

PLAN LEGEND

- WALL SECTIONS TO BE DEMOLISHED
- WINDOWS AND DOORS TO BE REMOVED
- FIXTURES TO BE REPLACED
- EXISTING WALLS TO BE REMAIN
- WINDOWS AND DOORS TO REMAIN
- EXIST. EXHAUST FAN LOCATION
REPLACE OLD UNIT FOR GREENHECK
SPB110 100CFM, RELOCATE AS NECESSARY
TOILET ROOM'S 6,8,& 16
- EXIST. RETURN AIR GRILL TO REMAIN
- EXIST. SUPPLY A/C VENT GRILL TO REMAIN
- NO WORK IN THIS AREA OTHER THEN
NEW CARPET AND PAINT WORK

1
D1 DEMOLITION / EXISTING BUILDING PLAN
scale: 1/4" = 1'-0"
PLAN NORTH

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Certificate of Authorization
No. AA2600926

Engineers
Surveyors
Architects
Planners
Landscape Architects
Environmental Scientists
Construction Management
Design / Build

CERTIFICATION
DATE
BY
JOHN A. BAER

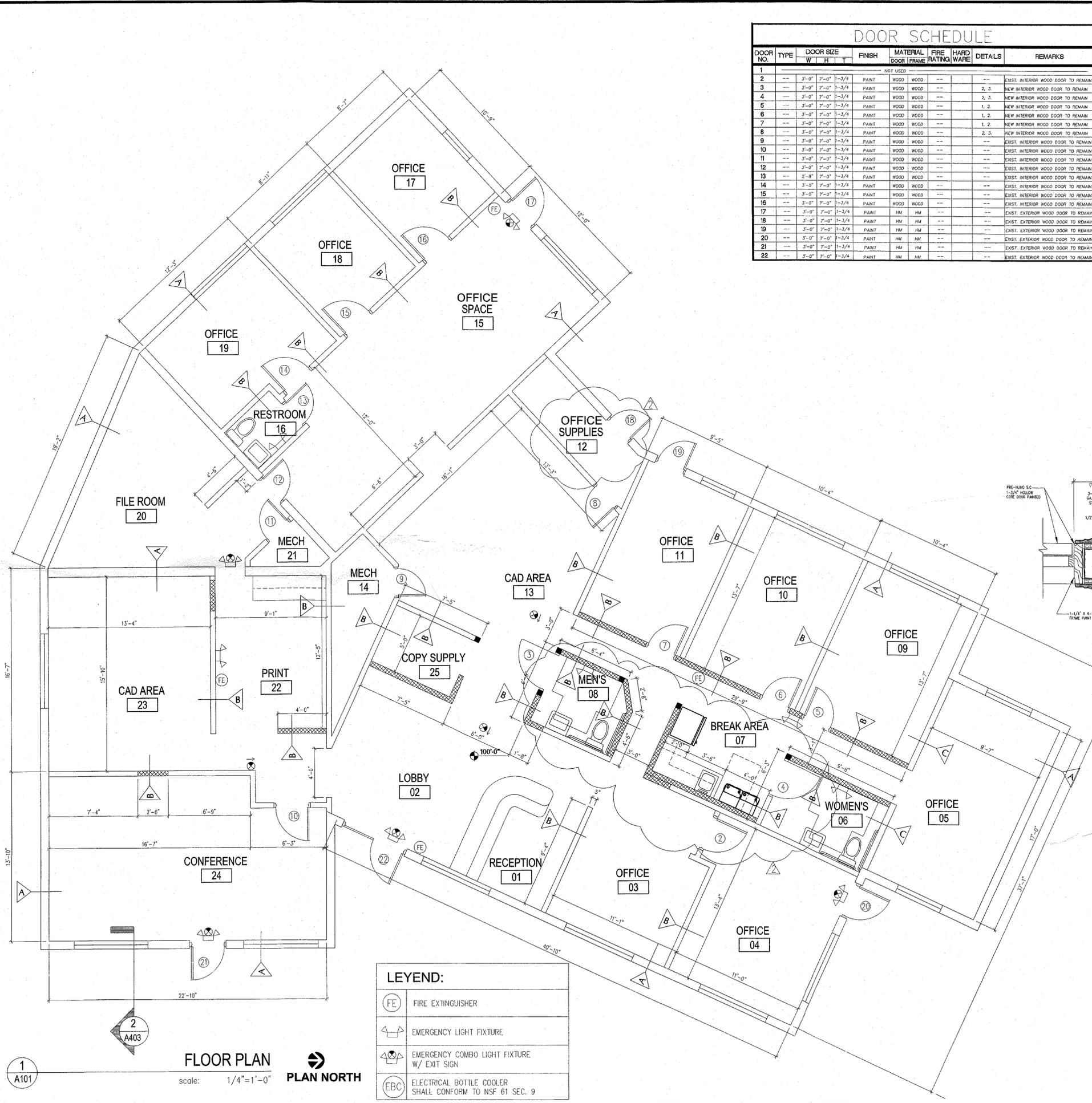
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1		
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4	9/29/08	PLUMBING REVIEW COMMENTS
5	9/27/08	OWNER CHANGES AND BLDG REVIEW COMMENTS
6		
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Designed by: Q.LAM
Drawn by: J. BAER
Checked by: J. BAER
Scale: C16702
Date: 9/27/08
Job No.: FT. MYERS, FLORIDA 33303
File:

DEMOLITION FLOOR PLAN

CPH ENGINEERS, INC.
2216 ALTAMONT AVENUE
FT. MYERS, FLORIDA 33303

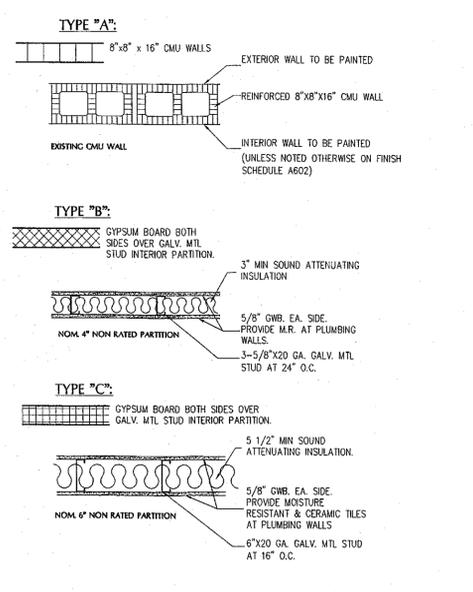
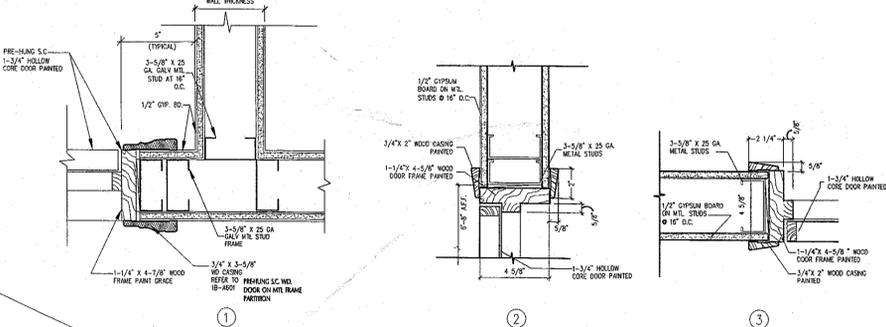
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DOOR SCHEDULE										
DOOR NO.	TYPE	DOOR SIZE			FINISH	MATERIAL	FIRE DOOR FRAME RATING	HARDWARE	DETAILS	REMARKS
		W	H	T						
1										NOT USED
2		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
3		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD		2, 3	NEW INTERIOR WOOD DOOR TO REMAIN
4		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD		2, 3	NEW INTERIOR WOOD DOOR TO REMAIN
5		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD		1, 2	NEW INTERIOR WOOD DOOR TO REMAIN
6		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD		1, 2	NEW INTERIOR WOOD DOOR TO REMAIN
7		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD		1, 2	NEW INTERIOR WOOD DOOR TO REMAIN
8		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD		2, 3	NEW INTERIOR WOOD DOOR TO REMAIN
9		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
10		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
11		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
12		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
13		2'-8"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
14		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
15		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
16		3'-0"	7'-0"	1-3/4"	PAINT	WOOD	WOOD			EXIST. INTERIOR WOOD DOOR TO REMAIN
17		3'-0"	7'-0"	1-3/4"	PAINT	JM	JM			EXIST. EXTERIOR WOOD DOOR TO REMAIN
18		3'-0"	7'-0"	1-3/4"	PAINT	JM	JM			EXIST. EXTERIOR WOOD DOOR TO REMAIN
19		3'-0"	7'-0"	1-3/4"	PAINT	JM	JM			EXIST. EXTERIOR WOOD DOOR TO REMAIN
20		3'-0"	7'-0"	1-3/4"	PAINT	JM	JM			EXIST. EXTERIOR WOOD DOOR TO REMAIN
21		3'-0"	7'-0"	1-3/4"	PAINT	JM	JM			EXIST. EXTERIOR WOOD DOOR TO REMAIN
22		3'-0"	7'-0"	1-3/4"	PAINT	JM	JM			EXIST. EXTERIOR WOOD DOOR TO REMAIN

ROOM FINISH SCHEDULE									
NUM.	ROOM NAME	FLOOR FINISH	WALL BASE	WALL FINISH	CEILING FINISH	REMARKS			
01	RECEPTION	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
02	LOBBY	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
03	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
04	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
05	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
06	WOMEN'S	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
07	BREAK AREA	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
08	MEN'S	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
09	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
10	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
11	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
12	OFFICE SUPPLIES	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
13	CAD AREA	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
14	MECH	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
15	MECH	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
16	RESTROOM	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
17	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
18	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
19	OFFICE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
20	FILE ROOM	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
21	MECH	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
22	CONFERENCE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
23	CAD AREA	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
24	CONFERENCE	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			
25	COPY SUPPLY	COMMERCIAL GRADE CARPET - 2202	EXISTING CONCRETE	NEW 1/2" GYP. BOARD	NEW 5/8" GYP. BOARD	8'-0" CEILING			

ROOM FINISH NOTES:
 1. THERE SHALL BE NO CHANGE IN FINISH FLOOR ELEVATION GREATER THAN 1/2", UNLESS A TRANSITION STRIP OR RAMP IS UTILIZED TO PROVIDE A 1:12 MAX. SLOPE. PROVIDE A CONTR. TAPERED TRANSITION STRIP WHERE THIN FLOORING SYSTEM (SUCH AS CARPET OR VINYL) ADJUTS A THICKER FLOORING SYSTEM (SUCH AS CERAMIC TILE). TRANSITION STRIPS SHALL BE MARBLE WHEN ADJUTING CERAMIC OR QUARRY TILE, AND MAY BE METAL WHEN ADJUTING ONLY CARPET.
 2. WALL AND CEILING FINISHES SHALL BE MINIMUM CLASS B, FLAME SPREAD 26-75, SMOKE DEVELOPMENT 0-450.



2 PARTITION TYPES AND LEGEND
 scale: 3/4"=1'-0"

cph
 500 West Fulton Street
 Sanford, Florida 32771
 P. O. Box 2808
 Sanford, Florida 32772-2808
 Phone 407-322-6941
 Fax 407-330-0639

Certificate of Authorization
 No. AA2600926

Engineers
 Surveyors
 Architects
 Planners
 Landscape Architects
 Environmental Scientists
 Construction Management
 Design/Build

CERTIFICATION:
 I, *John A. Baer*,
 State of Florida, License No. *912918*,
 hereby certify that I am the Designer of the above project.
 JOHN A. BAER

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Designed by: G.LAM
 Drawn by: J. BAER
 Checked by: J. BAER
 Approved by: J. BAER
 Scale: C16702
 Date: 9/29/08
 Job No.: 016702
 File: 016702

FLOOR PLANS & ROOM FINISH SCHEDULE

CPH ENGINEERS, INC.
 2216 ALTAMONT AVENUE
 FT. MYERS, FLORIDA 33901

Sheet No. **A101**

LIFE SAFETY DATA AND CALCULATIONS

1. APPLICABLE CODES
 FBC 2004 WITH UPDATES AND REVISIONS
 FLORIDA PLUMBING CODE 2004 CODE W/ 2006 SUPPLEMENTS
 NATIONAL ELECTRIC CODE 2005, NFPA 70 A
 FLORIDA MECHANICAL CODE 2004 W/ 2006 SUPPLEMENTS
 FLORIDA FIRE PREVENTION 2004

2. OCCUPANCY CLASSIFICATION & BUILDING AREAS (FBC 302.503)
 BUSINESS
 Allowable Building Area per Floor 3,700 sf
 Total Building Area 3,700 sf

3. CONSTRUCTION TYPE (FBC 601)
 TYPE 5B Construction (Non-Sprinklered)

4. BUILDING HEIGHT (FBC 503)
 Allowable Height 2.0 stories
 Actual Height 1.0 stories

5. OCCUPANCY LOAD (FBC 1004.1.1)
 B
 Total 37 Occupants Maximum - Posted

6. EXITS
 A. Doors (FBC 1005.1): Required 15 occupants/exit x 0.2' = 3' Provided 36'
 B. Number of Exits (FBC 1018.1): Occupancy Business 2 No. Required 2 No. Provided 3
 C. Travel Distance (FBC 1015.1): Allowable Provided 75'
 D. Max. Dead End Corridor Distance (FBC 1016.3): 20'
 E. Min. Corridor Width (FBC 1016.2.2): 44'

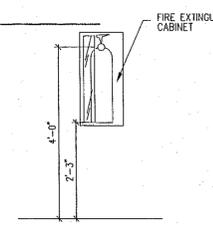
9. PLUMBING FIXTURE CALCULATION (FBC 403.1, 11-4.1.3)
 Total Estimated No. of People: 37
 Provided: Women & Men's Room Fixtures: 2 Water Closets, 2 Lavatories

SYMBOL LEGEND

ILLUMINATED EXIT SIGN
 PRIMARY EGRESS
 FUNCTION
 OCCUPANCY GROUP
 AREA (SQUARE FEET)
 OCCUPANCY FACTOR
 OCCUPANCY LOAD
 OCCUPANT LOAD AT THIS EXIT
 REQUIRED EXIT WIDTH
 PROVIDED EXIT WIDTH
 TRAVEL DISTANCE

FIRE EXTINGUISHER MOUNTING NOTES

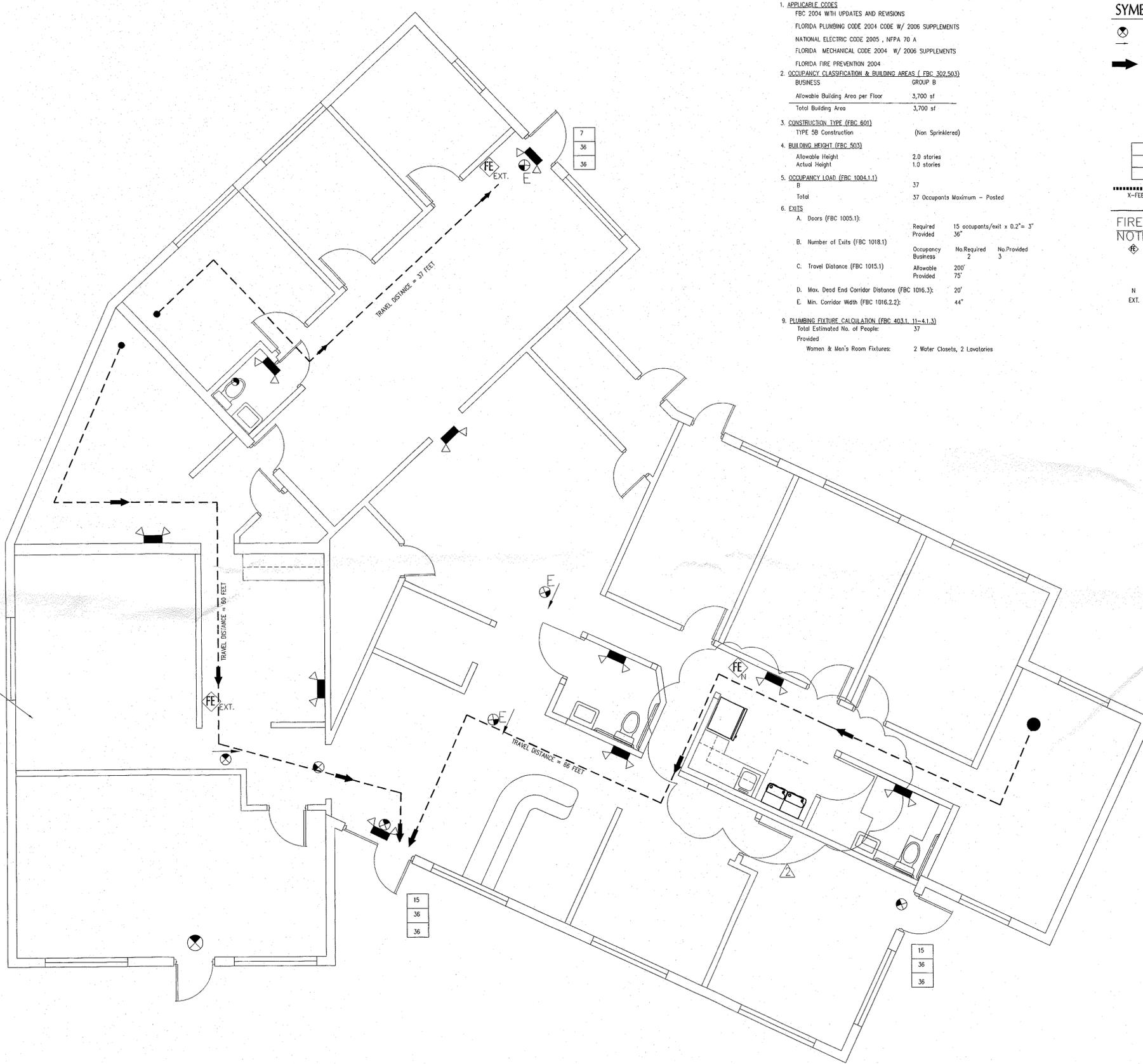
SEMI-RECESSED CABINET (BY J.L. INDUSTRIES OR APPROVED EQUAL). FIRE EXTINGUISHER TO BE BLEB. CLASSIFICATION 3-A-40-B-C TYPE IN COMPLIANCE WITH NFPA 10.
 N NEW
 EXT. EXISTING



**UL DESIGN No U465
 (1) HOUR FIRE RATED PARTITION**

FIRE RESISTANCE RATINGS - ANSI/UL 263
 SEE GENERAL INFORMATION FOR FIRE RESISTANCE RATINGS - ANSI/UL 263
 DESIGN NO. U465
 FEBRUARY 09, 2007
 NONBEARING WALL RATING - 1 HR.
 1. FLOOR AND CEILING RUNNERS - (NOT SHOWN) - CHANNEL SHAPED RUNNERS, 3-5/8 IN. WIDE (MIN), 1-1/4 IN. LEGS, FORMED FROM MIN NO. 25 MSG GALV STEEL, ATTACHED TO FLOOR AND CEILING WITH FASTENERS SPACED 24 IN. OC MAX.
 2. STEEL STUDS - CHANNEL SHAPED, 3-5/8 IN. WIDE (MIN), 1-1/4 IN. LEGS, 3/8 IN. FOLDED BACK RETURNS, FORMED FROM MIN NO. 25 MSG GALV STEEL SPACED 24 IN. OC MAX.
 3. BATTS AND BLANKETS* - (OPTIONAL) - MINERAL WOOL OR GLASS FIBER BATTS PARTIALLY OR COMPLETELY FILLING STUD CAVITY.
 SEE BATTS AND BLANKETS (BZ4Z) CATEGORY FOR NAMES OF CLASSIFIED COMPANIES.
 3A. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) - SPRAY APPLIED CELLULOSE MATERIAL. THE FIBER IS APPLIED WITH WATER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 3.0 LB./FT³. ALTERNATE APPLICATION METHOD: THE FIBER IS APPLIED WITH U.S. GREENFIBER LLC TYPE AD100 HOT MELT ADHESIVE AT A NOMINAL RATIO OF ONE PART ADHESIVE TO 6.6 PARTS FIBER TO COMPLETELY FILL THE ENCLOSED CAVITY IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. NOMINAL DRY DENSITY OF 2.5 LB./FT³. U.S. GREENFIBER L.L.C. - COCONUT STABILIZED OR COCONUT-FRM (FIRE RATED MATERIAL).
 3B. FIBER, SPRAYED* - AS AN ALTERNATE TO BATTS AND BLANKETS (ITEM 3) AND ITEM 3A - SPRAY APPLIED CELLULOSE INSULATION MATERIAL. THE FIBER IS APPLIED WITH WATER TO INTERIOR SURFACES IN ACCORDANCE WITH THE APPLICATION INSTRUCTIONS SUPPLIED WITH THE PRODUCT. APPLIED TO COMPLETELY FILL THE ENCLOSED CAVITY. MINIMUM DRY DENSITY OF 4.3 POUNDS PER CUBIC FT. JUI-WOOL CO INC - CELLULOSE INSULATION 4. GYPSUM BOARD* - 5/8 IN. THICK, 4 FT WIDE, ATTACHED TO STEEL STUDS AND FLOOR AND CEILING TRACK WITH 1 IN. LONG, TYPE S STEEL SCREWS SPACED 8 IN. OC. ALONG EDGES OF BOARD AND 12 IN. OC IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY. WHEN ATTACHED TO ITEM 6 (RESILIENT CHANNELS) OR 6A (FURRING CHANNELS), WALLBOARD IS SCREW ATTACHED TO FURRING CHANNELS WITH 1 IN. LONG, TYPE S STEEL SCREWS SPACED 12 IN. OC. AMERICAN GYPSUM CO - TYPES AG-C, AD-1 BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO - TYPE DEW-1.
 4. GYPSUM BOARD* - TYPES 1, EGRG, PROROC TYPE X, PROROC TYPE C, BPB CANADA INC - PROROC TYPE C, PROROC TYPE X OR PROROC TYPE ABUSE-RESISTANT. CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
 G-P GYPSUM CORP, SUB OF GEORGIA-PACIFIC CORP - TYPES 5, 9, C, DAP, DD, DA, DGS, DS, GFSB.
 LAFARGE NORTH AMERICA INC - TYPES LGFC2, LGFC2A, LGFCB, LGFC6A, LGFC-C, LGFC-C/A.
 NATIONAL GYPSUM CO - TYPES FSK, FSK-C, FSK-G, FSW-G, FSW, FSW-3, FSW-5.
 PABCO BUILDING PRODUCTS L.L.C. DBA PABCO GYPSUM - TYPE PG-C OR PG-9.
 PANEL REY S A - TYPE PRX. SIAM GYPSUM INDUSTRY (SARABURI) CO LTD - TYPE E2-1.
 TEMPLE-INLAND FOREST PRODUCTS CORP - TYPE X, VENEER PLASTER BASE - TYPE X, WATER RATED - TYPE X, SHEATHING - TYPE X, SOFFIT - TYPE X, TC-C.
 UNITED STATES GYPSUM CO - TYPE AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
 USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
 4A. GYPSUM BOARD* - (AS ALTERNATE TO ITEM 4) - NOM 5/8 IN. THICK GYPSUM PANELS WITH BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED OR BACKED.
 5. PANELS ATTACHED TO STEEL STUDS AND FLOOR RUNNER WITH 1 IN. LONG TYPE S STEEL SCREWS SPACED 8 IN. OC. WHEN APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY. WHEN USED IN WIDTHS OTHER THAN 48 IN., GYPSUM PANELS TO BE INSTALLED HORIZONTALLY. CANADIAN GYPSUM COMPANY - TYPES AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX. UNITED STATES GYPSUM CO - TYPE AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX. USG MEXICO S A DE C V - TYPE AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRC OR WRX.
 4B. GYPSUM BOARD* - (AS AN ALTERNATE TO ITEMS 4 OR 4A) - NOM 3/4 IN. THICK, 4 FT WIDE, INSTALLED AS DESCRIBED IN ITEM 4A WITH SCREW LENGTH INCREASED TO 1-1/4 IN. CANADIAN GYPSUM COMPANY - TYPES AR, IP-AR.
 UNITED STATES GYPSUM CO - TYPES AR, IP-AR.
 USG MEXICO S A DE C V - TYPES AR, IP-AR.
 5. JOINT TAPE AND COMPOUND - VINYL DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS. AS AN ALTERNATE, NOMINAL 3/32 IN. THICK GYPSUM VENEER PLASTER MAY BE APPLIED TO THE ENTIRE SURFACE OF CLASSIFIED VENEER BASEBOARD. JOINTS REINFORCED. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM BOARDS ARE SUPPLIED WITH SQUARE EDGES.
 6. RESILIENT CHANNEL - (OPTIONAL-NOT SHOWN) - 25 MSG GALV STEEL RESILIENT CHANNELS SPACED VERTICALLY MAX 24 IN. OC. FLANGE PORTION ATTACHED TO EACH INTERSECTING STUD WITH 1/2 IN. LONG TYPE 5-12 PANHEAD STEEL SCREWS. 6A. STEEL FRAMING MEMBERS (NOT SHOWN) - AS AN ALTERNATE TO ITEM 3, FURRING CHANNELS AND RESILIENT SOUND ISOLATION CLIP AS DESCRIBED BELOW: A. FURRING CHANNELS - FORMED OF NO. 25 MSG GALV STEEL, 2-3/8 IN. WIDE BY 7/8 IN. DEEP, SPACED 24 IN. OC. PERPENDICULAR TO STUDS. CHANNELS SECURED TO STUDS AS DESCRIBED IN ITEM B. ENDS OF ADJOINING CHANNELS ARE OVERLAPPED 6 IN. AND TIED TOGETHER WITH DOUBLE STRAND OF NO. 18 SWG GALV STEEL WIRE NEAR EACH END OF OVERLAP. AS AN ALTERNATE, ENDS OF ADJOINING CHANNELS MAY BE OVERLAPPED 6 IN. AND SECURED TOGETHER WITH TWO SELF-TAPPING #6 FRAMING SCREWS, MIN. 7/16 IN. LONG AT THE MIDPOINT OF THE OVERLAP, WITH ONE SCREW ON EACH FLANGE OF THE CHANNEL. B. STEEL FRAMING MEMBERS* - USED TO ATTACH FURRING CHANNELS (ITEM A) TO STUDS (ITEM 1). CLIPS SPACED 48 IN. OC. AND SECURED TO STUDS WITH 1-5/8 IN. WAFER OR HEX HEAD TYPE S STEEL SCREW THROUGH THE CENTER GROMMET. FURRING CHANNELS ARE FRICTION FITTED INTO CLIPS. PAC INTERNATIONAL INC - TYPE RSC-1.

1	BUSINESS
2	B
3	3,700 (SQ. FT.) MAIN USE
4	100
5	37 OCCUPANTS



LIFE SAFETY PLAN
 scale: 1/4"=1'-0"
PLAN NORTH

gph
 500 West Fulton Street
 Sanford, Florida 32771
 P. O. Box 2800
 Sanford, Florida 32772-2808
 Phone 407 322-6841
 Fax 407 330-0639

Certificate of Authorization
 No. AA2600026

Engineers
 Surveyors
 Architects
 Planners
 Landscape Architects
 Environmental Scientists
 Construction Management
 Design / Build

CERTIFICATION
 Signature: [Signature]
 Date: 9/29/08
 Signature: [Signature]
 Date: 9/29/08

No.	Date	By
1		
2		
3		
4	9/29/08	PLUMBING REVIEW COMMENTS
5	9/29/08	OWNER CHANGES AND BLDG REVIEW COMMENTS
6		
7		
8		
9		
10		

Designed by: [Name]
 Drawn by: [Name]
 Checked by: [Name]
 Approved by: J. BAER
 Scale: [Scale]
 Date: [Date]
 Job No.: C16702
 Title: LIFE SAFETY PLAN

CPH ENGINEERS, INC.
 2216 ALTAMONT AVENUE
 FT. MYERS, FLORIDA 33901

Sheet No. **A001**

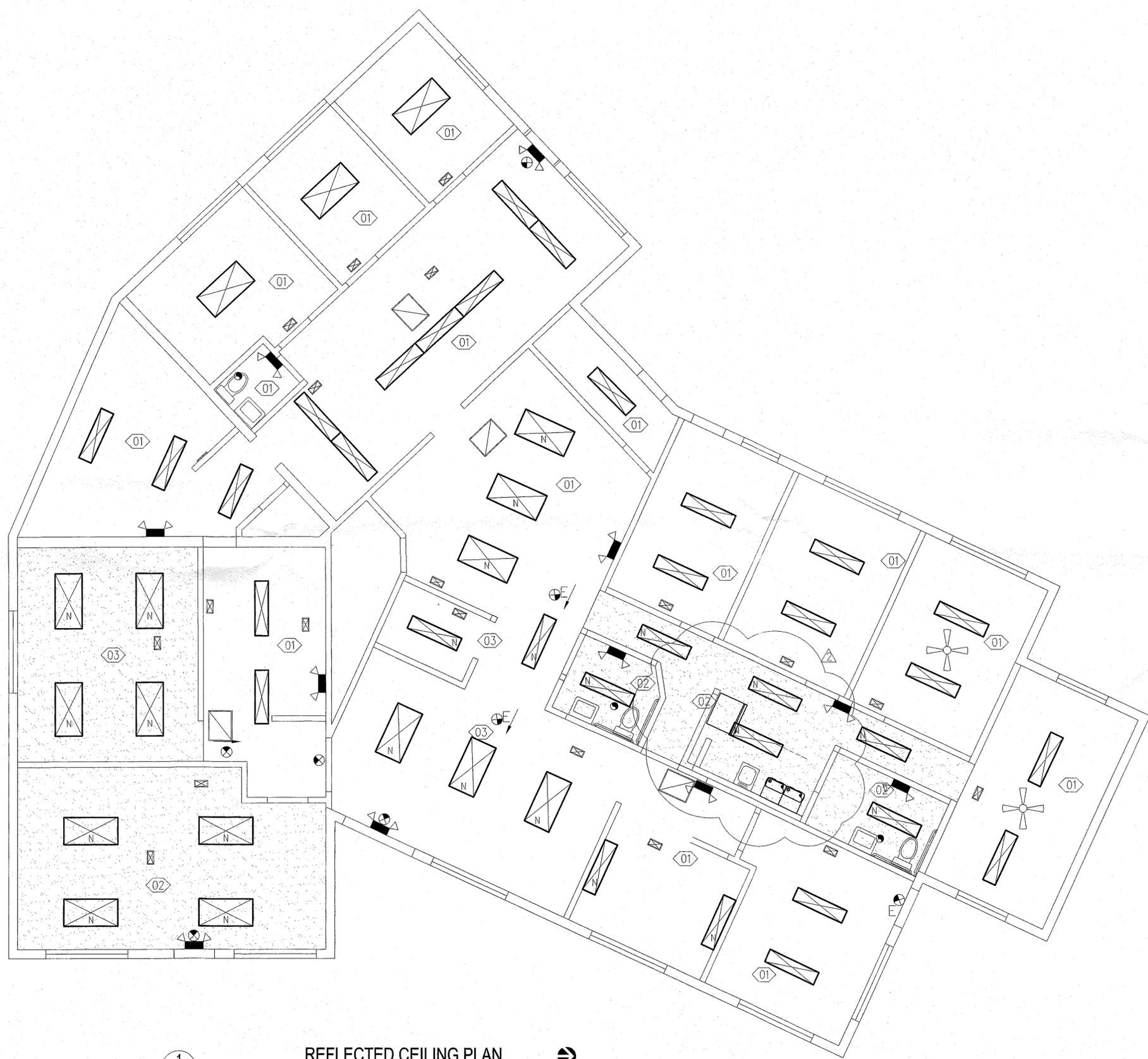


500 West Fulton Street
 Sanford, Florida 32771
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 Sanford, Florida 32772-2808
 Phone 407 332-6841
 Fax 407 330-0639

Certificate of Authorization
 No. A132600926

- Engineers
- Surveyors
- Architects
- Planners
- Landscape Architects
- Environmental Scientists
- Construction Management
- Design / Build

CERTIFICATION
 DATE: 9/29/08
 SIGNATURE: JOHN A. BAER



REFLECTED CEILING PLAN SYMBOLS

- EXISTING 12X48, 2 LAMP LIGHT FIXTURE TO REMAIN, REPAIR AS REQUIRED
- NEW 12X48, 2 LAMP LIGHT FIXTURE SM4-2 SPOLARK SURFACE MODULAR-COLUMBIA LIGHTING
- EXISTING 24X48, 3 LAMPS LIGHT FIXTURE TO REMAIN, REPAIR AS REQUIRED
- NEW 24X48, 3 LAMPS LIGHT FIXTURE SM4-3 SPOLARK SURFACE MODULAR-COLUMBIA LIGHTING
- EXIT SIGN, BECHELLI VANESA W/ SELF POWERED 90 MINUTE BATTERY LED LAMP, 4 WATT 120V.
- EMERGENCY LIGHT, WALL MOUNTED WITH BATTERY, EM-900 - DUAL HEAD EMERGENCY LIGHT.
- EGRESS LIGHT, BECHELLI BEVIG-18-Y-W COMBINATION EXIT SIGN AND EMERGENCY LIGHT WITH SELF POWERED 90 MINUTE BATTERY LED LAMP, 14 WATT.
- EXISTING 24X24 AIR RETURN GRILL
- EXISTING AIR SUPPLY DIFFUSER (VERIFY LOCATIONS)
- NEW EXHAUST FAN, GREENHECK, SPIND ROOM, PROVIDE DIRECT VENT TO ROOF AND BACK DRAFT DAMPER.
- EXISTING CEILING FAN

NOTE: REFER TO ELECTRICAL DRAWINGS FOR FIXTURE TYPE AND LOW VOLTAGE LIGHTING LOCATIONS

REFLECTED CEILING PLAN KEYNOTES

- EXISTING CEILING CONSTRUCTION TO REMAIN, AT 8'-0" A.C.F.
- NEW DRYWALL CEILING CONSTRUCTION, 5/8" DRYWALL
- PATCH EXISTING CEILING AFTER REMOVING DEMO WALLS

1
A102

REFLECTED CEILING PLAN

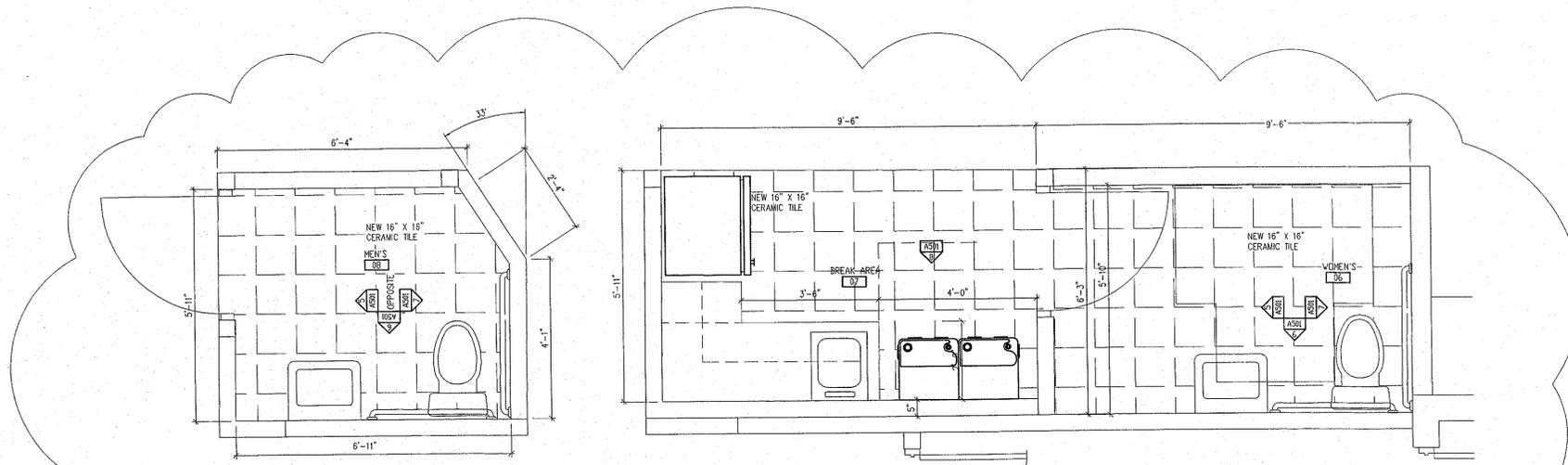
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No.	Date	By	Revision
1			
2			
3	9/29/08	J. BAER	PLUMBING REVIEW COMMENTS
4	9/12/08	C16702	OWNER CHANGES AND BID REVIEW COMMENTS

Designed by: Q.LAM
 Drawn by: J. BAER
 Checked by: J. BAER
 Approved by: J. BAER
 Scale: C16702
 Date: 9/29/08
 Job No.: 2216
 File: 2216

REFLECTED CEILING PLAN
 CPH ENGINEERS, INC.
 2216 ALTAMONT AVENUE
 FT. MYERS, FLORIDA 33901
 Sheet No. **A102**



1 MEN'S RESTROOM - KEY PLAN
SCALE: 1/2"=1'-0"

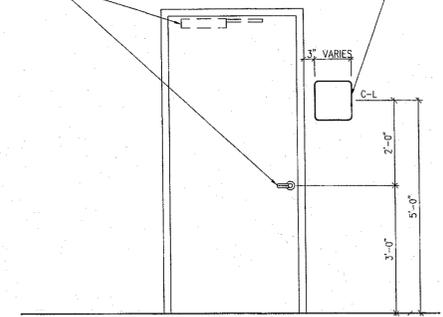
2 KITCHEN PLAN
SCALE: 1/2"=1'-0"

3 WOMEN'S RESTROOM - KEY PLAN
SCALE: 1/2"=1'-0"

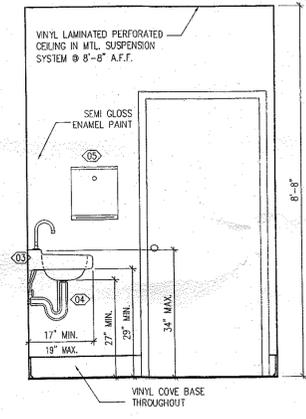
IN ACCORDANCE WITH ADA REQUIREMENTS, ALL PERMANENT ROOM IDENTIFICATION SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR AND SHALL BE MOUNTED WITH THE CENTERLINE OF THE SIGN AT 5'-0" A.F.F. MOUNTING LOCATION FOR SIGN SHALL BE SUCH THAT A PERSON MAY APPROACH WITHIN 3" OF THE SIGN WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING IN THE SWING OF THE DOOR. IF THERE IS INSUFFICIENT WALL SPACE ADJACENT TO THE LATCH SIDE OF THE DOOR, THE SIGN SHALL BE MOUNTED ON THE NEAREST ADJACENT WALL. ADA SIGNAGE SHALL COMPLY WITH THE DETAILS PROVIDED AT THE RIGHT.

DOOR HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. HARDWARE REQUIRED FOR ACCESSIBLE DOOR PASSAGE SHALL BE MOUNTED AT 36" (6") ABOVE FINISH FLOOR. PROVIDE LEVER HARDWARE EQUIV. TO SCHLAGE RHODES SERIES.

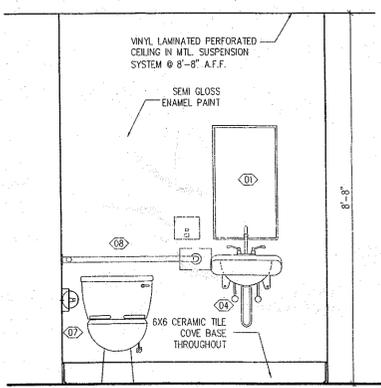
DOOR CLOSERS SWEEP PERIOD SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70% THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 IN. FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR. ADJUST FOR 5 LB. MAX FORCE.



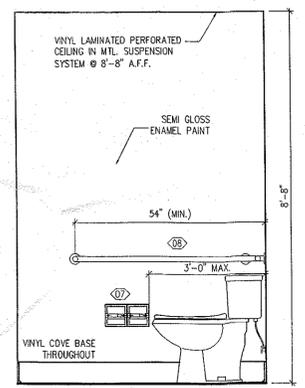
8 ADA REQUIREMENTS
SCALE: 1/2"=1'-0"



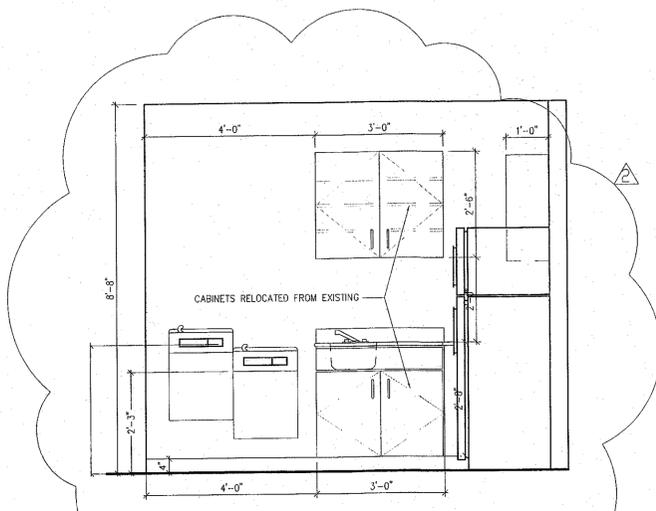
5 TYP. ELEVATION MEN'S (WOMEN'S/ADA MIRRORED)
SCALE: 1/2"=1'-0"



6 TYP. ELEVATION MEN'S (WOMEN'S/ADA MIRRORED)
SCALE: 1/2"=1'-0"



7 TYP. ELEVATION MEN'S (WOMEN'S/ADA MIRRORED)
SCALE: 1/2"=1'-0"



8 CABINET ELEVATION
SCALE: 1/2"=1'-0"

cph
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Sanford, Florida 32772-2808
Phone 407-332-6841
Fax 407-330-0639

Certificates of Authorization
No. AA2600926

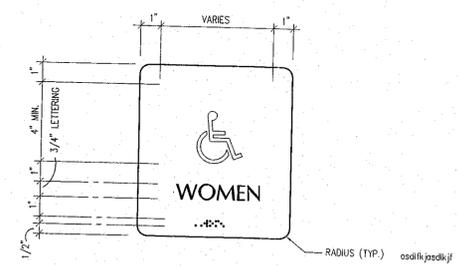
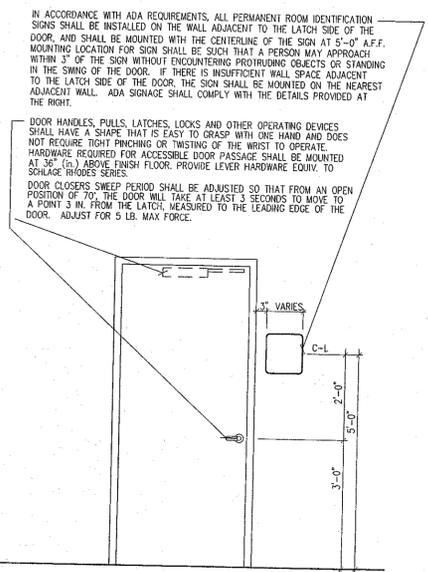
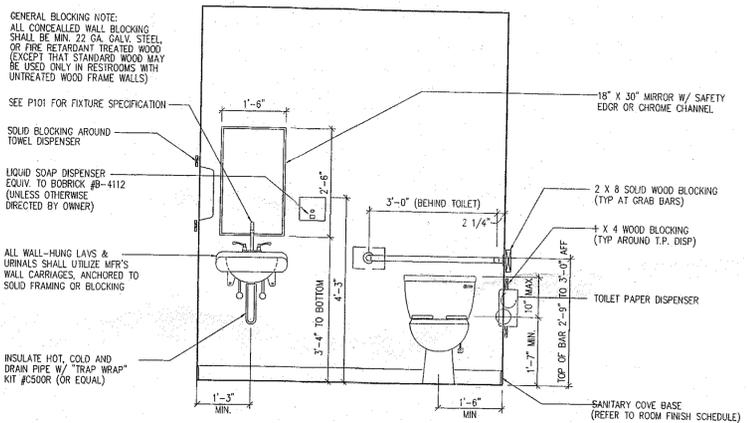
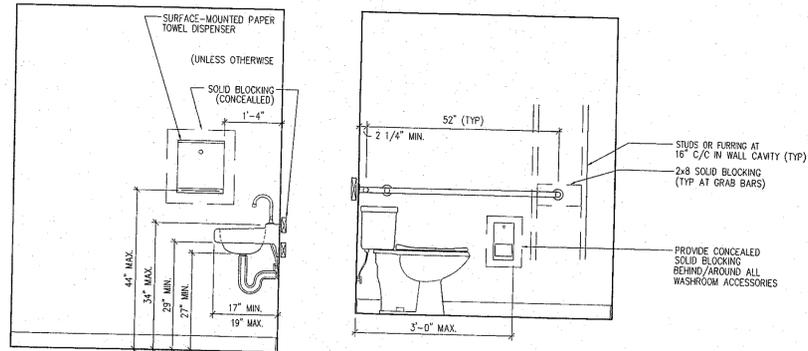
Engineers
Surveyors
Architects
Planners
Landscape Architects
Environmental Scientists
Construction Management
Design/Build

CERTIFICATION
DATE
SIGNATURE
DATE
JOHN A. BAER

No.	Date	By
1		
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4	9/29/08	PLUMBING REVIEW COMMENTS
5	9/12/08	OWNER CHANGES AND BIDD REVIEW COMMENTS
6		
7		
8		

ENLARGED RESTROOM PLANS
AND INTERIOR ELEVATIONS

CPH ENGINEERS, INC.
2216 ALTAMONT AVENUE
FT. MYERS, FLORIDA 33961



ALL PERMANENT ROOM IDENTIFICATION SIGNS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT.

SIGNS SHALL BE ADHERED TO SUPPORTING SURFACE BY ADHESIVE, SELECTED FOR HIGH STRENGTH AND DURABILITY OF BOND BETWEEN SIGN BACKING AND SUPPORTING SURFACE MATERIAL.

SIGN BACKGROUND SHALL BE MINIMUM 1/8" THICK ACRYLIC PLATE. BACKGROUND COLOR SHALL BE SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF STANDARD AND CUSTOM COLORS, AND SHALL PROVIDE AT LEAST 70% CONTRAST WITH WHITE FOREGROUND LETTERS. BACKGROUND FINISH SHALL BE NON-GLARE.

ACRYLIC LETTERING SHALL BE RAISED AT LEAST 1/32", AND MAY BE ACHIEVED THROUGH SURFACE APPLICATION, ETCHING OR INJECTION MOLDING.

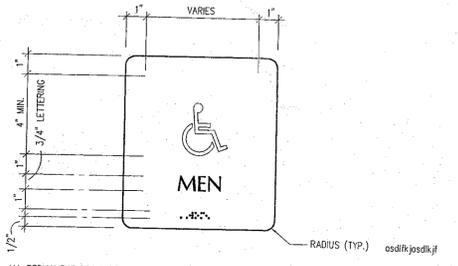
ALL LETTERS SHALL BE UPPER CASE. LETTER SIZE SHALL BE AS INDICATED, BUT IN NO CASE LESS THAN 5/8" HIGH OR GREATER THAN 2" HIGH. TYPE STYLE SHALL BE HELVETICA MEDIUM, AND COLOR SHALL BE NON-GLARE WHITE.

WHERE MORE THAN ONE ROW OF LETTERING IS REQUIRED, THE LEADING (BLANK SPACE) BETWEEN ROWS SHALL BE APPROXIMATELY 80% OF THE HEIGHT OF THE LETTERING.

GRADE 2 BRAILLE REQUIRED, COLOR TO BE SAME AS SIGN BACKGROUND.

INTERNATIONAL PICTOGRAM SYMBOLS, WHERE REQUIRED, SHALL BE RAISED AT LEAST 1/32" (SIMILAR TO LETTERS), AND SHALL HAVE A MINIMUM 6" HIGH VERTICAL FIELD. THE EQUIVALENT VERBAL DESCRIPTION (TEXT) OF THE PICTOGRAM SHALL BE PLACED DIRECTLY BELOW THE PICTOGRAM, AND SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE.

PICTOGRAMS SHALL BE REQUIRED FOR THE FOLLOWING ROOM SIGNS:
 MEN (MALE ACCESSIBLE RESTROOM)
 WOMEN (FEMALE ACCESSIBLE RESTROOM)



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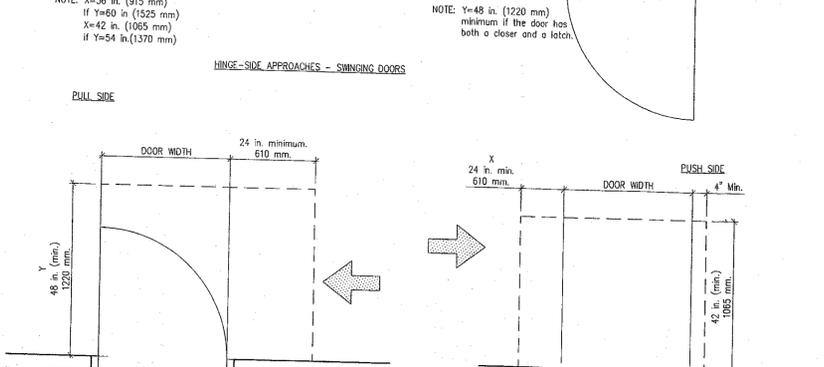
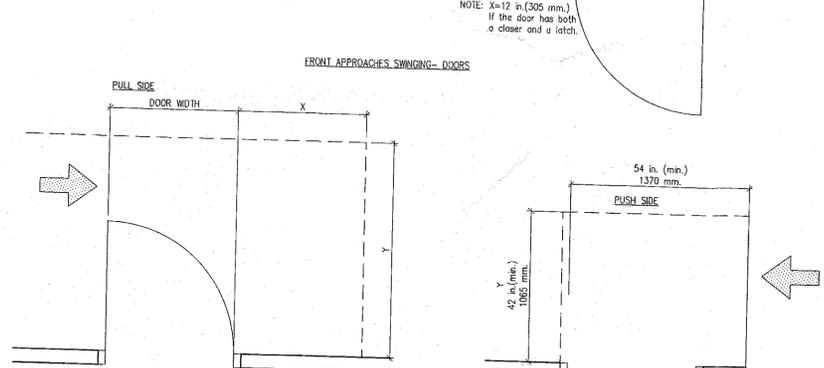
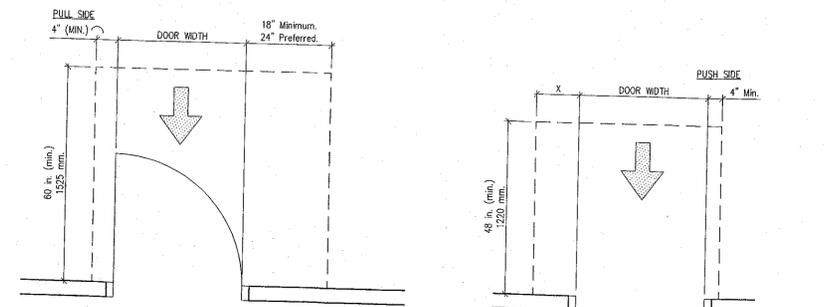
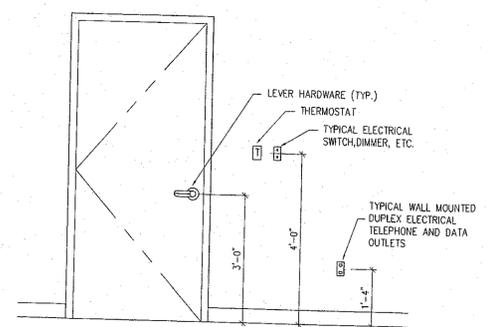
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PICTOGRAMS SHALL BE REQUIRED FOR THE FOLLOWING ROOM SIGNS:
 MEN (MALE ACCESSIBLE RESTROOM)
 WOMEN (FEMALE ACCESSIBLE RESTROOM)



TOILET ROOM FIXTURES AND ACCESSORIES SHALL BE CERTIFIED BY MANUFACTURER FOR COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT.

ALL FIXTURES SHALL BE MOUNTED AT HEIGHTS AND WITH CLEARANCES AS REQUIRED BY ADA, AND AS FOLLOWS:

TOILETS SHALL BE MOUNTED EXACTLY 18" FROM SIDE WALL OR PARTITION, AND TOP OF SEAT SHALL BE FROM 17" TO 19" AFF. FLUSH CONTROL SHALL BE LOCATED NOT MORE THAN 44" AFF, AND SHALL BE OPERABLE WITH MAX. 5 LB. FORCE.

GRAB BARS SHALL BE PROVIDED AT EACH TOILET, MOUNTED W/ TOP FROM 33" TO 36" AFF. MOUNT GRAB BARS INTO CONCEALED, SOLID WOOD BLOCKING AS REQUIRED TO RESIST 250 PLF FORCE APPLIED TO GRAB BAR AT ANY POINT IN ANY DIRECTION. GRAB BARS SHALL BE FROM 1-1/4" TO 1-1/2" IN DIAMETER AND SHALL PROTECT AT LEAST 1-1/2" FROM WALL. PROVIDE CONCEALED FASTENERS WITH TRIM SCUTECHON. EXTEND GRAB BARS 26" ALONG WALL BEHIND TOILET AND 54" ALONG WALL BE SIDE TOILET.

PAPER TOWEL DISPENSERS SHALL BE INSTALLED BELOW GRAB BAR ON SIDE WALL AT LEAST 19" AFF AND A MAXIMUM OF 36" AWAY FROM REAR WALL. PROVIDE CONCEALED SOLID BLOCKING.

PAPER TOWEL DISPENSERS SHALL BE MOUNTED ON WALL BESIDE EACH LAV, WITH DISPENSER SLOT NOT MORE THAN 44" AFF. PROVIDE SOLID WOOD BLOCKING IN WALL AROUND ROUGH OPENING.

WALL HUNG LAV SHALL BE MOUNTED WITH FRONT ROOM AT 2'-10" AFF MAX.

FAUCETS SHALL HAVE WIDE WRIST BLADE CONTROLS WITH GRASPABLE HANDLES, OR SINGLE LEVER CONTROLS WITH GRASPABLE HANDLES THAT MAY BE OPERATED WITH NOT MORE THAN 5 LB FORCE. HANDLES SHALL HAVE COLOR CODED INSERTS, RED FOR HOT AND BLUE FOR COLD. HOT WATER PIPES AND DRAIN PIPES SHALL BE INSULATED BELOW LAVS.

MIRRORS SHALL HAVE POLISHED SAFETY EDGE OR CHROME CHANNEL EDGE, AND SHALL BE MOUNTED ABOVE EACH LAV. W/BOTTOM AT 34" AFF. MIRRORS SHALL BE MIN. 18" WIDE X 30" HEIGHT.

URNALS (WHERE INDICATED) SHALL HAVE ELONGATED RIM, AND MOUNTED WITH RIM AT 17" AFF. MAX. FLUSH CONTROL SHALL BE MOUNTED NOT MORE THAN 44" AFF AND SHALL BE OPERABLE WITH A MAX. FORCE OF 5 LBS. SEE PLUMBING DRAWINGS FOR ADDITIONAL FIXTURE REQUIREMENTS.

cph

500 West Fulton Street
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 Sanford, Florida 32772-2808
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 Fax 407 330-0639

Certificate of Authorization
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Engineers
 Surveyors
 Architects
 Planners
 Landscape Architects
 Environmental Scientists
 Construction Management
 Design/Build

CERTIFICATION

DATE: 09/20/09

SIGNATURE: [Signature]

BY: [Signature]

No.	Date	By
1		
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Designed by: Q.LAM
 Drawn by: J. BAER
 Checked by: J. BAER
 Scale: C-16702
 Date: [Date]
 Job No.: [Job No.]
 File: [File]

ADA ACCESSIBILITY

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 Sanford, Florida 32772-2808
 Phone 407 322-6841
 Fax 407 330-0639

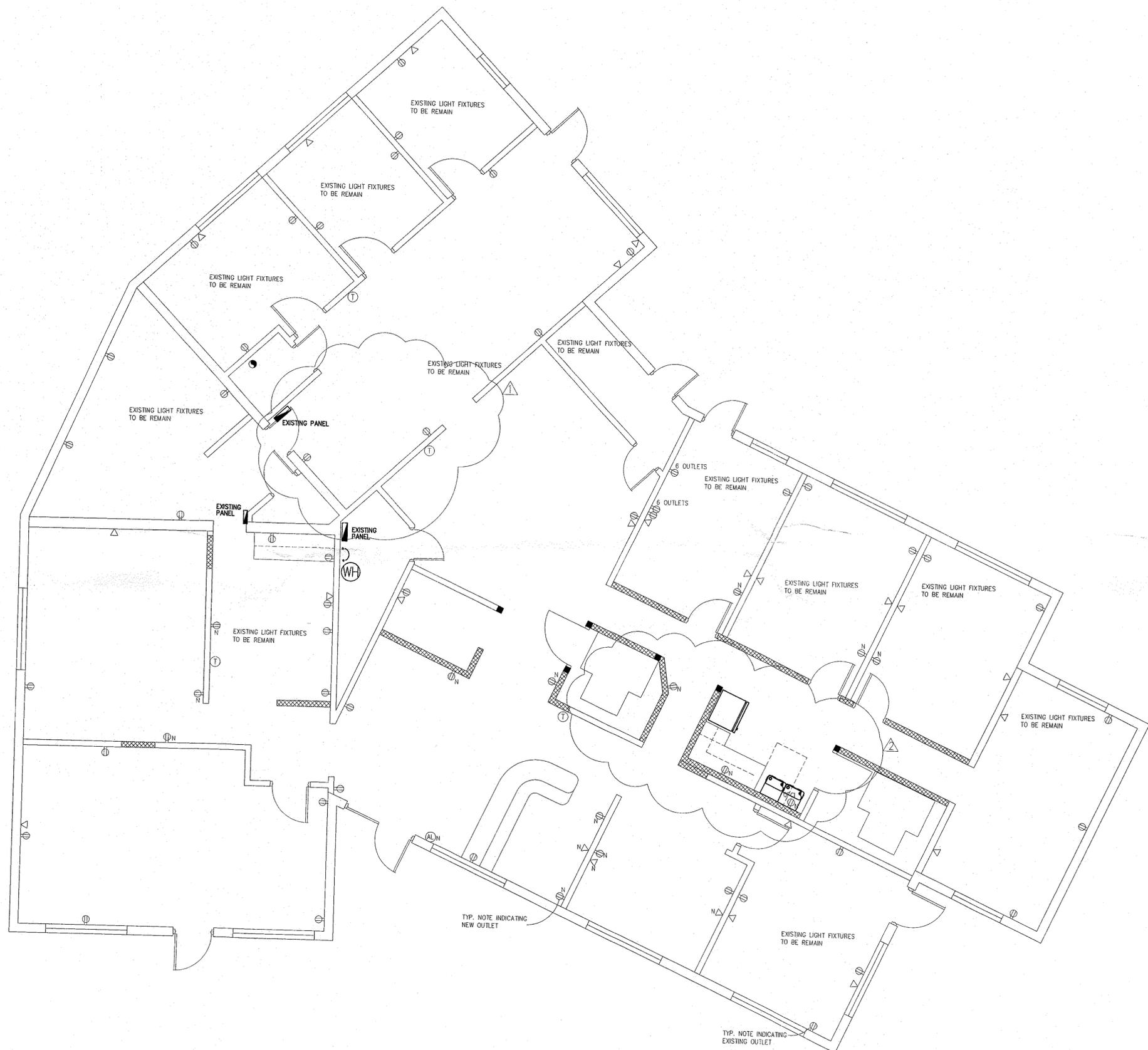
Certificate of Authorization
 No. AA2600926

Engineers
 Surveyors
 Architects
 Planners
 Landscape Architects
 Environmental Scientists
 Construction Management
 Design/Build

CERTIFICATION
 Signature: *John A. Baer*
 Date: 9/12/08
 Signature: *John A. Baer*
 Date: 9/12/08

ELECTRICAL SYMBOLS

- ⊕ EXISTING DUPLEX RECEPTACLE
- ⊖ NEW DUPLEX RECEPTACLE
- ▽ EXISTING TELEPHONE OUTLET, SINGLE GANG BOX, 3/4" CONDUIT STUB TO ACCESSIBLE CEILING.
- ▽ NEW TELEPHONE OUTLET, SINGLE GANG BOX, 3/4" CONDUIT STUB TO ACCESSIBLE CEILING.
- ▽ EXISTING DATA OUTLET, SINGLE GANG BOX, 3/4" CONDUIT STUB TO ACCESSIBLE CEILING.
- ▽ NEW DATA OUTLET, SINGLE GANG BOX, 3/4" CONDUIT STUB TO ACCESSIBLE CEILING.
- ⊕ CIRCUIT BREAKER (DIAGRAMMATIC)
- ⊕ EXISTING WATER HEATER
- ⊕ EXISTING ALARM PANEL
- ⊕ NEW ALARM PANEL
- AFF ABOVE FINISHED FLOOR
- GFCI GROUND FAULT CIRCUIT INTERRUPTER
- ⊕ EXISTING THERMOSTAT
- ⊕ NEW THERMOSTAT
- ⊕ NEW EXHAUST FAN 100 CFM NUTONE COMERCIAL GRADE



1
 E101
NEW ELECTRIC POWER PLAN
 scale: 1/4"=1'-0"
PLAN NORTH

No.	Date	By
1		
2		
3		
4	9/29/08	PLUMBING REVIEW COMMENTS
5	9/12/08	OWNER-CHANGES-AND-BIDD-REVIEW COMMENTS
No.	Date	Revision

NEW ELECTRIC POWER PLAN

CPH ENGINEERS, INC.
 2216 ALTAMONT AVENUE
 FT. MYERS, FLORIDA 33901

Sheet No.
E101



500 West Fulton Street
 Sanford, Florida 32771
 P. O. Box 2808
 Sanford, Florida 32772-2808
 Phone 407 332-6841
 Fax 407 330-0639

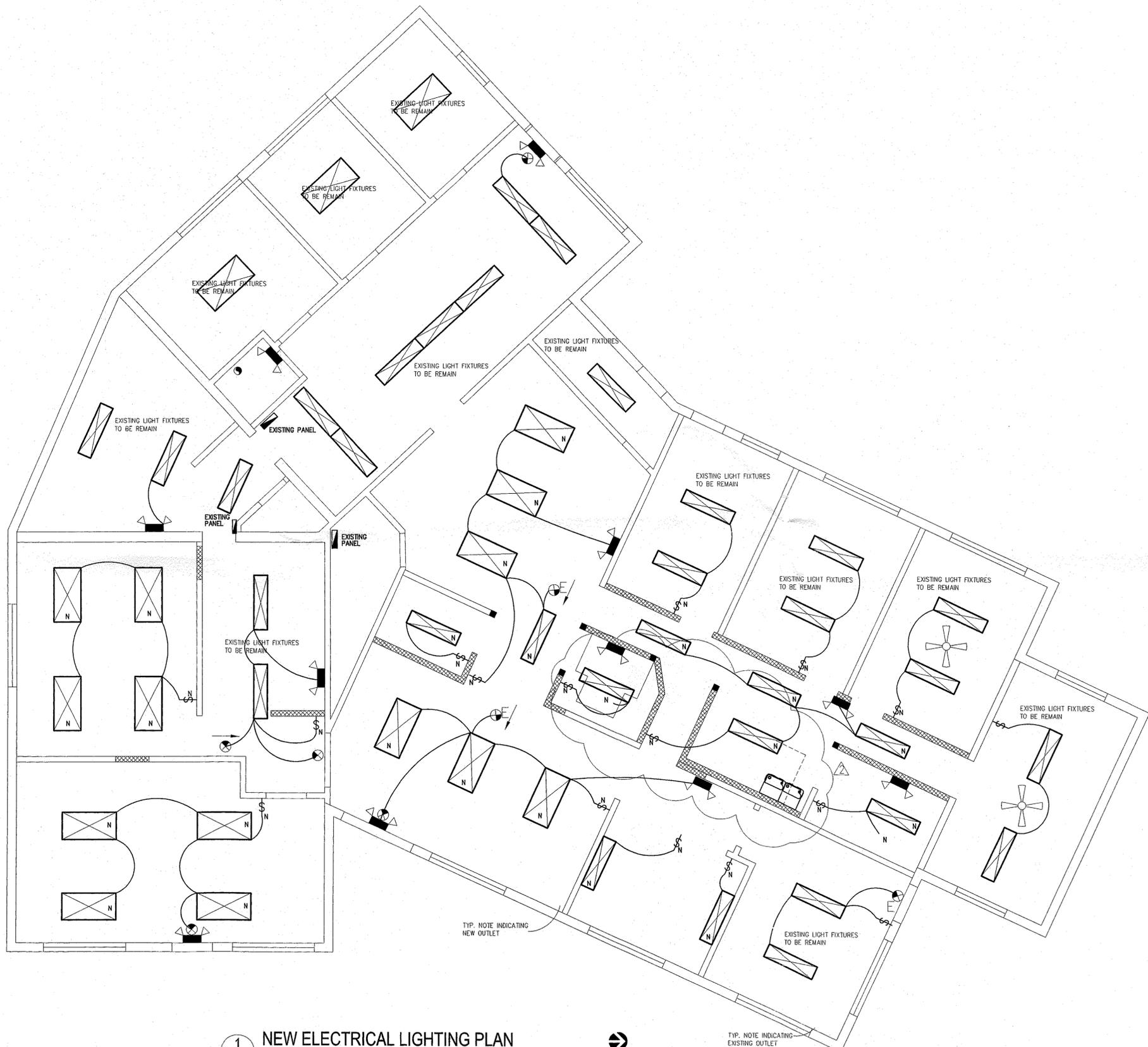
Certificate of Authorization
 No. AA26000926

Engineers
 Surveyors
 Architects
 Planners
 Landscape Architects
 Environmental Scientists
 Construction Management
 Design/Build

CERTIFICATION
 Signature: [Signature]
 Date: 9/29/08
 Name: JOHN A. BAER

ELECTRICAL SYMBOLS

- EXISTING 24X48 LIGHT FIXTURE TO REMAIN AND REPAIR
- NEW 24X48, 3 LAMPS LIGHT FIXTURE SM24-3 SKYLARK SURFACE MODULAR-COLUMBIA LIGHTING
- EXISTING 24X48 LIGHT FIXTURE TO REMAIN AND REPAIR
- NEW 12X48, 2 LAMPS LIGHT FIXTURE SM14-2 SKYLARK SURFACE MODULAR-COLUMBIA LIGHTING
- SWITCH, SINGLE POLE
- NEW SINGLE POLE SWITCH
- NEW THREE WAY SWITCH
- EXISTING CEILING PLAN TO REMAIN
- NEW 100 CFM EXHAUST FAN (NUTONE)
- EMERGENCY LIGHT; WALL MOUNTED WITH BATTERY, EML-950 - DUAL HEAD EMERGENCY LIGHT.



1
 E102
NEW ELECTRICAL LIGHTING PLAN
 scale: 1/4"=1'-0"
PLAN NORTH

No.	Date	By
1		
2		
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4	9/29/08	J. BAER
5	9/29/08	J. BAER
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7	9/29/08	J. BAER
8	9/29/08	J. BAER
9	9/29/08	J. BAER
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96	9/29/08	J. BAER
97	9/29/08	J. BAER
98	9/29/08	J. BAER
99	9/29/08	J. BAER
100	9/29/08	J. BAER

NEW ELECTRICAL LIGHTING PLAN
 CPH ENGINEERS, INC.
 2216 ALTAMONT AVENUE
 FT. MYERS, FLORIDA 33901

Sheet No.
E102



PLAN LEGEND

-  EXIST. EXHAUST FAN LOCATION
REPLACE OLD UNIT FOR GREENHECK
SPB110 100CFM. RELOCATE AS NECESSARY
TOILET ROOM'S 5, 8, & 16
-  EXIST. RETURN AIR GRILL TO REMAIN
-  EXIST. SUPPLY A/C VENT GRILL TO REMAIN
-  NO MECHANICAL CHANGES IN AREA

1 M1 **EXISTING MECHANICAL PLAN** scale: 1/4" = 1'-0" **PLAN NORTH**

gph
 500 West Fulton Street
 Sanford, Florida 32771
 P. O. Box 2808
 Sanford, Florida 32772-2808
 Phone 407-322-6941
 Fax 407-330-0639

Certificate of Authorization
 No. AA26000926

Engineers
 Surveyors
 Architects
 Planners
 Landscape Architects
 Environmental Scientists
 Construction Management
 Design/Build

CERTIFICATION

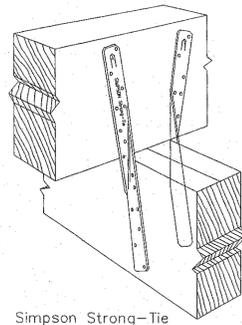
 JOHN A. BAER
 DATE

No.	Date	By
1		
2		
3		
4	9/29/08	PLUMBING REVIEW COMMENTS
5	5/12/08	OWNER CHANGES AND BLDG REVIEW COMMENTS
6		

EXISTING MECHANICAL PLAN

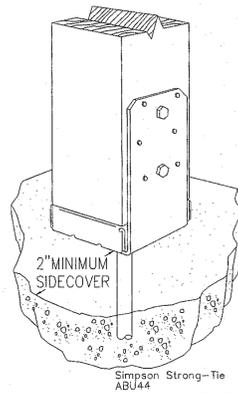
CPH ENGINEERS, INC.
 2216 ALTAMONT AVENUE
 FT. MYERS, FLORIDA 33901

Sheet No.
M101



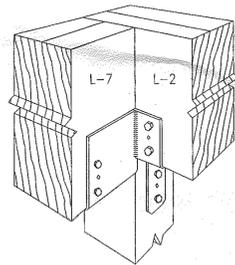
Simpson Strong-Tie
TS12

A
S101 **TWIST STRAPS DETAIL**
scale: NTS



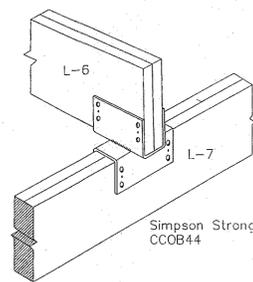
Simpson Strong-Tie
ABU44

B
S101 **POST BASE DETAIL**
scale: NTS



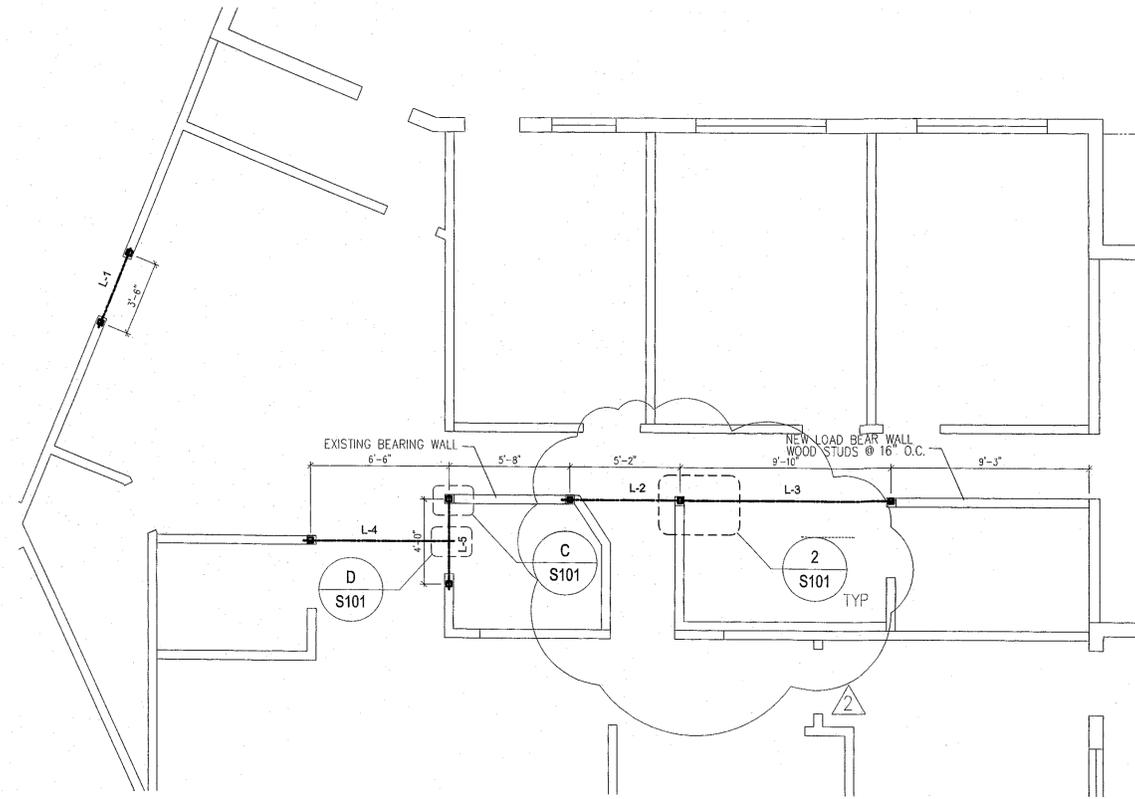
Simpson Strong-Tie
ECCL66

C
S101 **TWIST STRAPS DETAIL**
scale: NTS

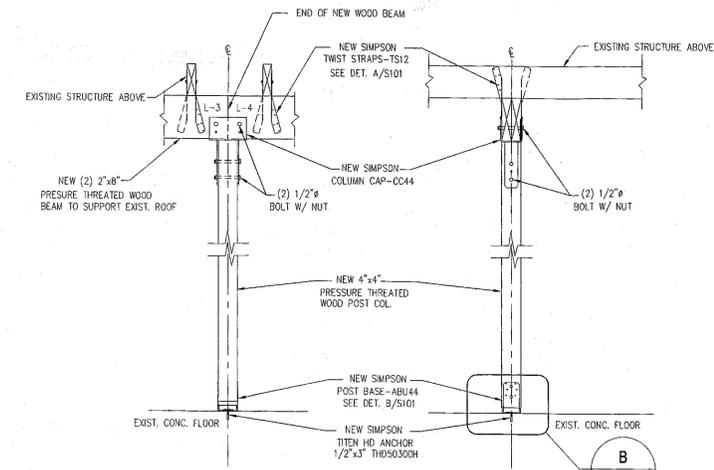


Simpson Strong-Tie
CCOB44

D
S101 **TWIST STRAPS DETAIL**
scale: NTS



1
S101 **STRUCTURAL FLOOR PLAN**
scale: 1/4"=1'-0"



2
S101 **NEW COLUMN DETAIL**
scale: 3/4"=1'-0"

LINTEL SCHEDULE	
L-1	CONCRETE LINTEL 8"x8"x56" - M5 LINTEL TYPE
L-2	2-2"x8" BEAM 5'-8" LONG
L-3	2-2"x8" BEAM 9'-0" LONG
L-4	2-2"x8" BEAM 7'-0" LONG
L-5	2-2"x8" BEAM 4'-6" LONG

gph
500 West Fulton Street
Sanford, Florida 32771
P. O. Box 2808
Sanford, Florida 32772-2808
Phone 407.322-6841
Fax 407.330-0639

Certificate of Authorization
No. AA26000926

Engineers
Surveyors
Architects
Planners
Landscape Architects
Environmental Scientists
Construction Management
Design/Build

CERTIFICATION
DATE
By
J. BAER

No.	Date	Revision
1		
2		
3		
4	9/29/08	PLUMBING REVIEW COMMENTS
5	9/29/08	OWNER-CHANGES AND BDC REVIEW COMMENTS

Designed by:	QLAM
Drawn by:	J. BAER
Checked by:	
Approved by:	
Scale:	
Date:	
Job No.:	C-16702
File:	

STRUCTURAL PLAN
CPH ENGINEERS, INC.
2216 ALTAMONT AVENUE
FT. MYERS, FLORIDA 33901

Sheet No.
S101

QUALITY PRECAST COMPANY
"STRONG" ON SERVICE
P.O. Box 11 - Brandon, Florida 33609-0011

TAMPA DISTRICT DISPATCH
813.685.5615 Hillsborough
727.921.5227 Pinellas
863.425.3070 Polk

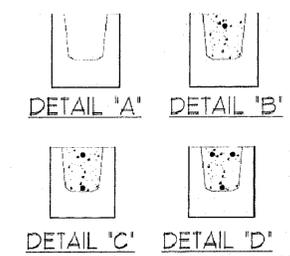
ORLANDO DISTRICT DISPATCH
407.877.1000 Metro Orlando
386.228.2112 Volusia

SPRINGHILL DISTRICT DISPATCH
352.798.2901

DISTRIBUTORS FOR:
LOTT'S CONCRETE PRODUCTS, INC. FL 5092
COMMERCIAL CONCRETE PRODUCTS, INC./QUALITY PRECAST CO. FL 1774 - RI
WEKIWA CONCRETE PRODUCTS FL 1418 - RI

TABLE No. 2
GRAVITY & UPLIFT
SAFE LOADS (PLF)
8' x 8' LINTELS

MARK NO.	LINTEL LENGTH	CLEAR SPAN	LINTEL TYPE	LINTEL TOP BARS	LINTEL BOTTOM BARS	GRAVITY SAFE LOAD				UPLIFT SAFE LOAD			
						PLAN	SOLID	SOLID	SOLID	PLAN	SOLID	SOLID	SOLID
M-1	2'-10"	1'-6"	Precast	(2) #2	(2) #2	NONE	424B	1802B	1802B	851B	1020D	1020D	483B
M-2	3'-6"	2'-2"	Precast	(2) #2	(2) #2	NONE	241B	2831	2831	480B	480B	480B	483B
M-3	4'-0"	2'-8"	Precast	(2) #2	(2) #2	NONE	1183	2111	2111	3396	3396	3396	3396
M-4	4'-6"	3'-2"	Precast	(2) #2	(2) #2	NONE	1343	2165	2165	2608	2608	2608	2608
M-5	4'-8"	3'-4"	Precast	(2) #2	(2) #2	NONE	1321	2201	2201	2421	2421	2421	2421
M-6	5'-4"	4'-0"	Precast	(2) #2	(2) #2	NONE	1206	1651	1651	1810	1810	1810	1810
M-7	5'-10"	4'-6"	Precast	(2) #2	(2) #2	NONE	862D	1423	1423	1410	1410	1410	1410
M-8	6'-4"	5'-0"	Precast	(2) #2	(2) #2	NONE	142D	1283	1283	116	142B	142B	142B
M-9	6'-6"	5'-2"	Precast	(2) #2	(2) #2	NONE	110	1232	1232	145	1348	1348	1348
M-10	6'-8"	5'-4"	Precast	(2) #2	(2) #2	NONE	682	1164	1164	821	735	735	735
M-11	7'-6"	6'-2"	Precast	(2) #2	(2) #2	NONE	310	98	98	85	683	683	683
M-12	7'-8"	6'-4"	Precast	(2) #2	(2) #2	NONE	351	353	353	154	1241	1241	1241
M-13	8'-0"	6'-0"	Precast	(2) #2	(2) #2	NONE	318	322	322	112	954	954	954
M-14	8'-4"	7'-0"	Precast	(2) #2	(2) #2	NONE	488	851	851	648	921	921	921
M-15	9'-4"	8'-0"	Precast	(2) #2	(2) #2	NONE	416	126	126	433	750	750	750
M-16	10'-6"	9'-2"	Precast	(2) #2	(2) #2	NONE	354	618	618	380	613	613	613
M-17	11'-4"	10'-0"	Precast	(2) #2	(2) #2	NONE	318	561	561	311	621	621	621
M-18	12'-0"	10'-8"	Precast	(2) #2	(2) #2	NONE	292	325	325	211	541	541	541
M-19	12'-6"	11'-2"	Precast	(2) #2	(2) #2	NONE	211	438	438	251	512	512	512
M-20	13'-4"	12'-0"	Precast	(2) #2	(2) #2	NONE	258	488	488	214	442	442	442
M-21	14'-0"	12'-8"	Precast	(2) #2	(2) #2	NONE	239	430	430	150	395	395	395
M-22	14'-8"	13'-4"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	480	243	411	411	411
M-23	15'-4"	14'-0"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	454	221	423	423	423
M-24	17'-4"	16'-0"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	399	111	332	332	332
M-25	18'-4"	18'-0"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	339	131	265	265	265
M-26	20'-0"	18'-8"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	315	121	241	241	241
M-27	21'-4"	20'-0"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	235	111	216	216	216
M-28	22'-0"	20'-8"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	261	104	203	203	203
M-29	24'-0"	22'-8"	Prestressed	(2) #2	(2) #2	NONE	NR	NR	203	81	163	163	163



- SAMUEL A. GREENBERG, P.E. #34245
- IRVIN J. BENSON, P.E. #49158
- THUY H. HUYNH, P.E. #61022

DE DANSCO ENGINEERING, LLC.
P.O. BOX 3468 - ARDOLLO BEACH - FLORIDA 33412
PHONE - (813) 645-6164 FAX - (813) 645-9608

PRECAST LINTEL LOAD TABLE
DATE: 10/31/05 REV.: 01/12/05 SCALE: N.T.S. DWG: LV

TABLE No. 2
QUALITY PRECAST DE# 25-4365 3

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