

DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

NEW
FLOOR PLAN

RECEIVED

DEC 20 2010

STATE FIRE MARSHAL
ARCHITECTURAL SECTION

REV:

SCALE: AS NOTED

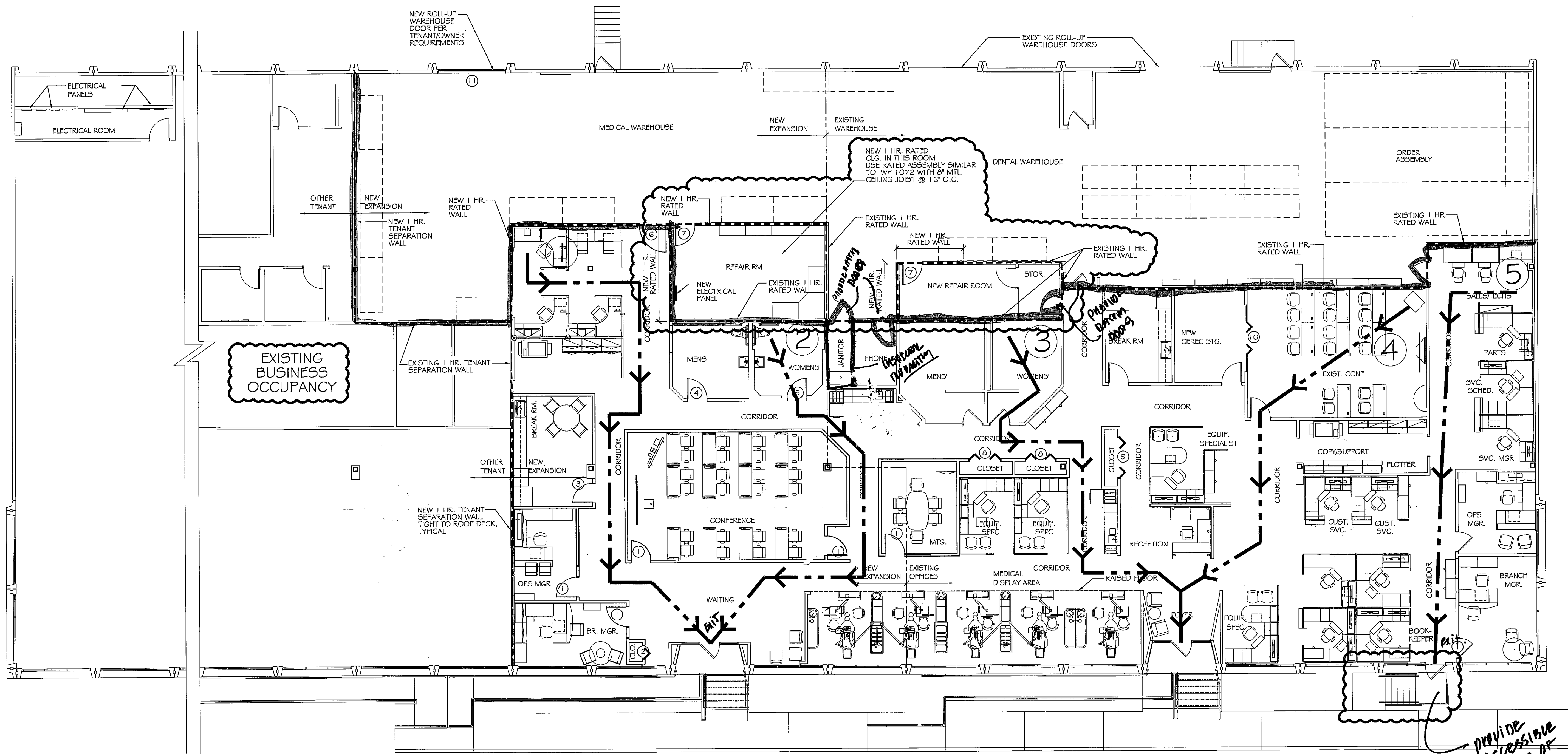
JOB#: 2076

DATE: 11-05-10

SHEET 4

A-1

OF 11



NEW FLOOR PLAN
SCALE: 1/8" = 1'-0"

LEGEND

- EXISTING WALLS
- NEW WALLS
- - - 1 HR. RATED WALL OR TENANT SEPARATION WALL

GA FILE NO. WP 1072 GENERIC

ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 3-5/8" STEEL STUDS 24" O.C. WITH 1" TYPE S DRYWALL SCREWS 8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING RUNNERS AND INTERMEDIATE STUDS.

JOINTS STAGGERED 24" ON EACH SIDE AND ON OPPOSITE SIDES. SOUND TESTED WITH 3-1 2" GLASS FIBER FRICTION FIT IN STUD SPACE. (NON-LOAD BEARING)

1 HOUR FIRE 45 TO 49 STC SOUND



THICKNESS: 4-7/8"
APPROX. WEIGHT: 6 PSF
FIRE TEST:

SOUND TEST: NRCC 816-NV, 2-3-81

SEE WP 1200 (FM WP-45, 6-19-68);
OSU T-1770, 8-6-1; ULC 79T484, 79T500,
79T497, 8-12-81, ULC DESIGN W415)

1 HR SEPARATION DETAIL

NTS

TRAVEL PATH DISTANCE: #

1. 91'-1"
2. 71'-10"
3. 75'-0"
4. 69'-11"
5. 66'-6"

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: JULIE LITTLE, ARCHITECT

390487

PATTERSON DENTAL SUPPLY OFFICE/WAREHOUSE EXPANSION & RENOVATION

PATTERSON DENTAL SUPPLY
OFFICE-WAREHOUSE
107 MALLARD STREET
SAINT ROSE, LA 70087

DATE: 11-05-10
JOB NO. 2076

INTERNATIONAL EXISTING BUILDING CODE 2006

OCCUPANCY CLASSIFICATION:
BUSINESS, GROUP B. (SEC 304.1)

ALTERATION CLASSIFICATION:
LEVEL 2 (SEC 404.1)

OCCUPANT LOAD: (TBL 1004.1.1)
BUSINESS AREAS = 100 GROSS SQ.FT. / OCCUPANT
15,000 SQ.FT. GROSS BUILDING = TOTAL OF 150 OCCUPANTS

EXIT ACCESS TRAVEL DISTANCE: (SEC 1016)
EXIT ACCESS TRAVEL DISTANCE = 200' NON-SPRINKLED

EXIT ACCESS REQUIREMENTS: (SEC 705.4.1.1)
2 EXITS REQUIRED FOR MORE THAN 50 OCCUPANTS, OR IF TRAVEL DISTANCE EXCEEDS 75'-0"
IN BUSINESS OCCUPANCY (2 EXITS PROVIDED)

ALLOWABLE HEIGHT AND BLDG. AREA: (TBL 503)
B=23,000 SQ.FT. / 4 STORY ALLOWED, THIS PROJECT 1 STORY / 15,000 SQ.FT.

CONSTRUCTION CLASSIFICATION: (SEC 602.2)
TYPE VB

FIRE RESISTANCE RATING REQUIREMENTS FOR BLDG. ELEMENTS: (TBL 601)
STRUCTURAL FRAME = 0 HRS.
BEARING WALLS (INTERIOR AND EXTERIOR) = 0 HRS.
NON-BEARING WALLS = 0 HRS.
FLOOR CONSTRUCTION = 0 HRS.
ROOF CONSTRUCTION = 0 HRS.

FIRE RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS: (TBL 602)
EXTERIOR WALLS WITH <30' FIRE SEPARATION DISTANCE = 0 HR.

FIRE ALARM SYSTEM REQUIREMENTS: (SEC 907)
THIS BLDG. DOES NOT REQUIRE A FIRE ALARM SYSTEM IN ACCORDANCE WITH SEC 907.2.2

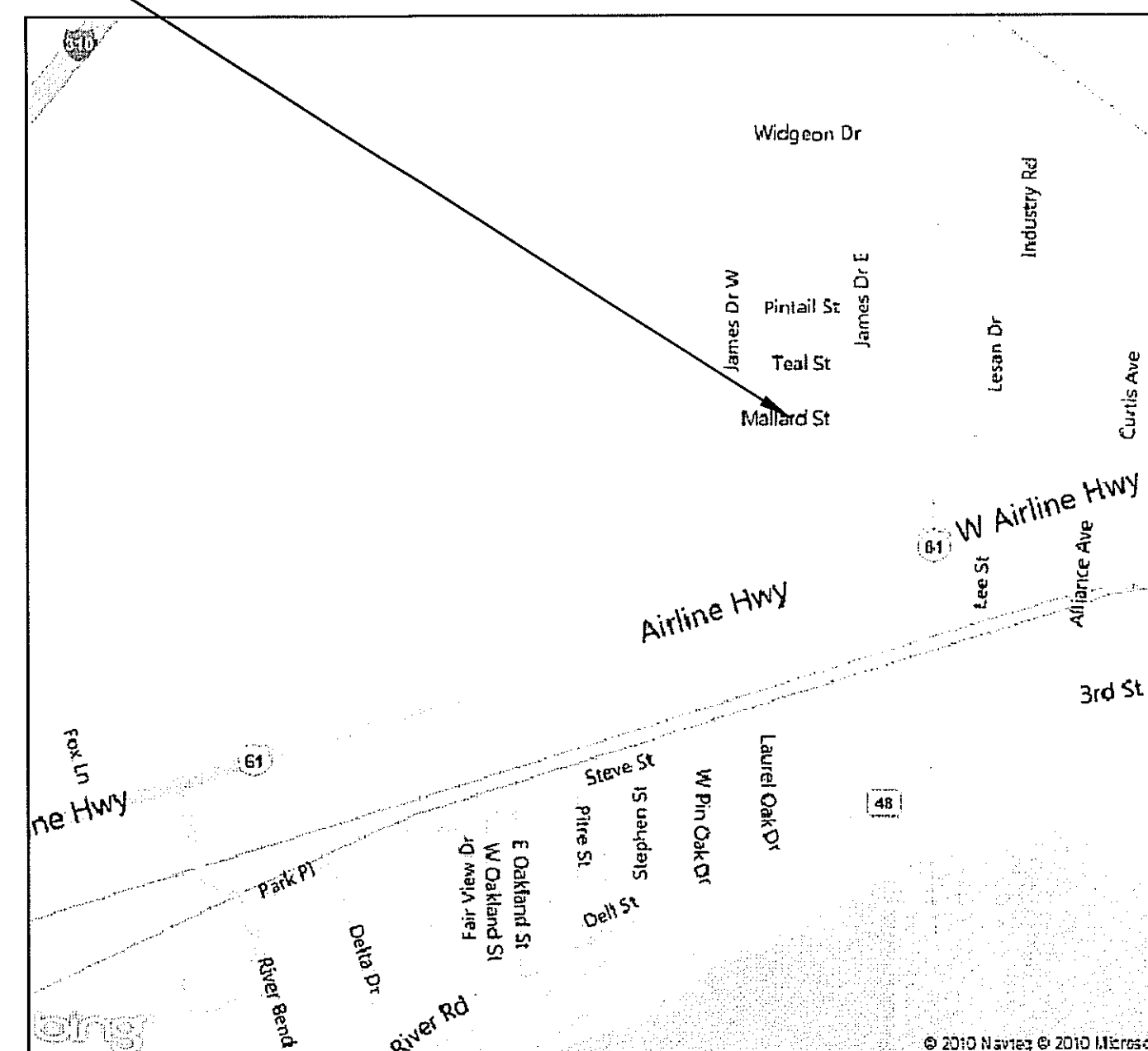
CONSTRUCTION DOCUMENTS: (SEC 1603)
THIS BLDG. SHALL BE DESIGNED IN ACCORDANCE WITH IBC SECTION 1609 AS A FULLY ENCLOSED
BLDG. USING THE FOLLOWING INFORMATION:

WIND DESIGN DATA:
DETERMINATION OF WIND LOADS SHALL BE IN ACCORDANCE WITH IBC SEC 1609.4
BASIC WIND SPEED (3 SECOND GUSTS) = 130 MPH (FIG 1609)
IMPORTANCE FACTOR: CATEGORY II BLDG., IE = 1.00, IS = 1.0, IW = 1.00 (TBL 1604.5)
EXPOSURE B
DESIGN WIND PRESSURE (ASCE 7-05 FIG. 6-2): 33.6 PSF
INTERNAL PRESSURE COEFFICIENT (ASCE 7-05 FIG. 6-5): ± 0.18
LIVE LOADS: (SEC 1607)
LOBBIES AND 1st FLR. CORRIDOR (TBL 1607.1): 100 PSF
OFFICE (TBL 1607.1): 50 PSF
ROOF LIVE LOAD (TBL 1607.1) = 20 PSF UNIFORM, 300 LB. CONCENTRATED
GROUND SNOW LOAD (FIG. 1608.2) = 5 PSF

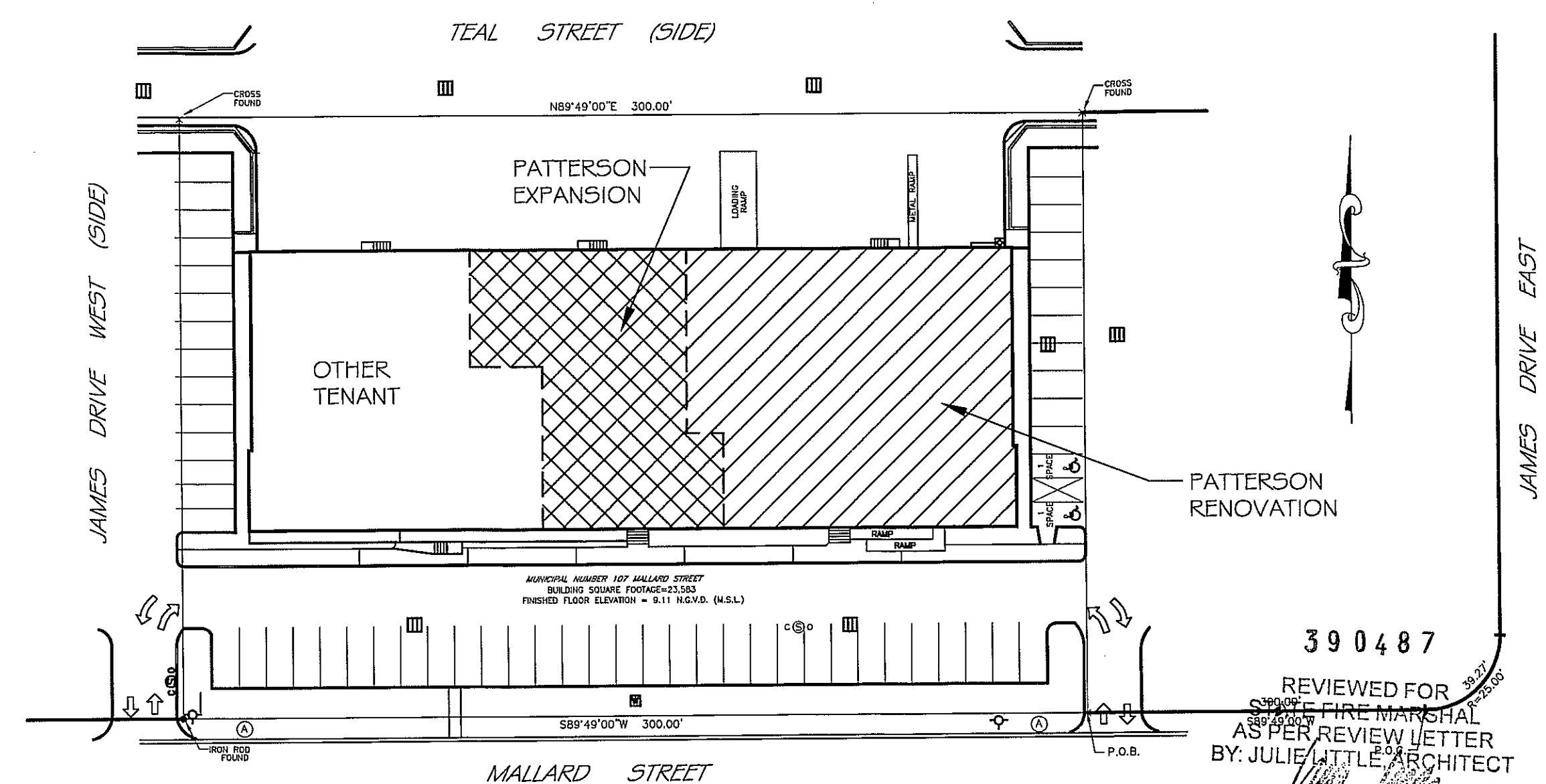
15,000 SQ. FT.
NON-SPRINKLED

INDEX OF DRAWINGS		
SHT#	DWG#	DRAWING NAME
1		COVER SHEET W/SITE PLAN
2	D-1	EXISTING FLOOR DEMOLITION PLAN
3	D-2	EXISTING REFLECTED CEILING DEMOLITION PLAN
4	A-1	NEW FLOOR PLAN
5	A-2	SCHEDULES AND NOTES
6	A-3	NEW REFLECTED CEILING PLAN
7	M-1	NEW MECHANICAL PLAN
8	E-1	NEW ELECTRICAL POWER PLAN
9	E-2	NEW ELECTRICAL LIGHTING PLAN
10	E-3	NEW ELECTRICAL-SCHEDULES-DIAGRAM
11	P-1	NEW PLUMBING PLAN, RISER, NOTES, & DETAILS

WORK SITE



VICINITY MAP
N.T.S.



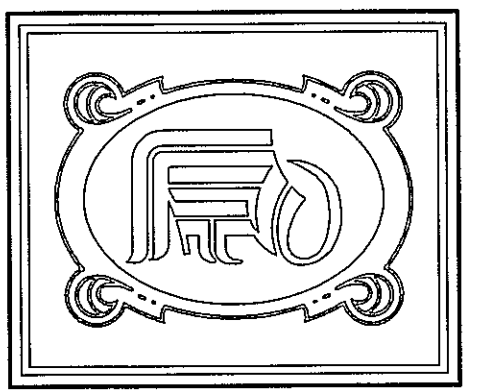
SITE PLAN
N.T.S.

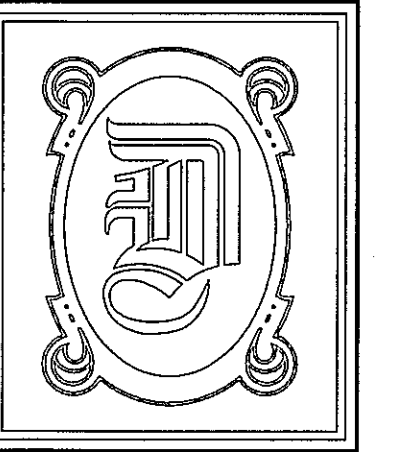
390487

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY JULIE LITTLE ARCHITECT

Robert Little

DAMMON ENGINEERING, INC.
OFFICE: (985) 649-5832
1095 FLORIDA AVE. SLIDELL, LA 70458
FAX: (985) 641-5950
WEBSITE: WWW.DAMMONENGINEERING.COM
EMAIL: DAMMONENG@BELLSOUTH.NET





DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT
DAMMON, P.E.

CHIEF ARCHITECT
ROBERT
WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM
EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

EXISTING
FLOOR
DEMOLITION
PLAN

Robert Wiltse
ARCHITECT

REV:

SCALE: AS NOTED

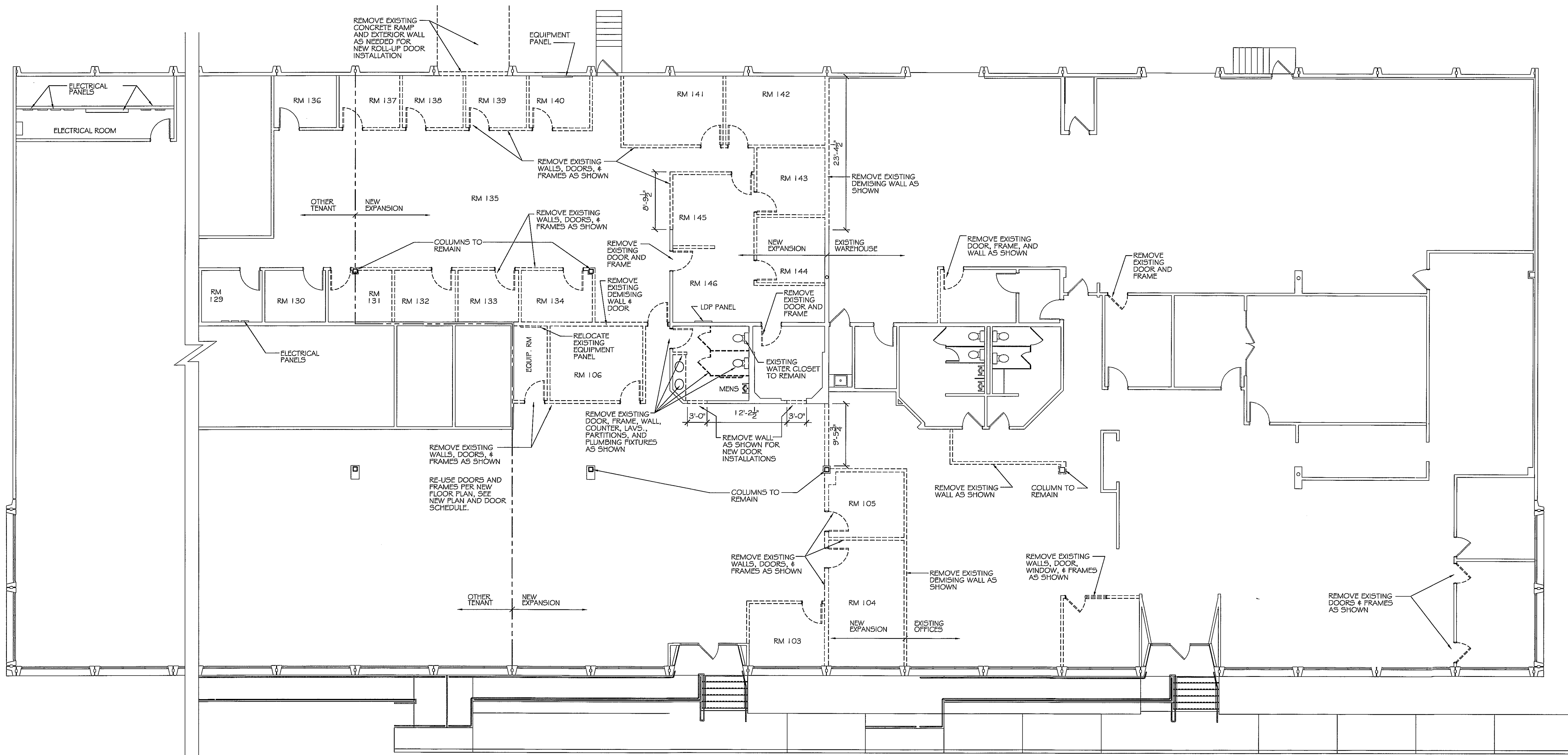
JOB#: 2076

DATE: 11-05-10

SHEET 2

D-1

OF 11

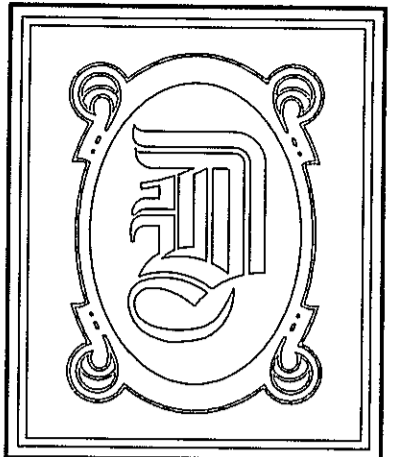


FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

LEGEND

- EXISTING TO REMAIN
- DEMO WORK

390487
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: JULIE LITTLE ARCHITECT



DAMMON
ENGINEERING, INC.

CHIEF ENGINEER
EMMETT
DAMMON, P.E.

CHIEF ARCHITECT
ROBERT
WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

REFLECTED
CEILING
DEMOLITION
PLAN

Robert Wiltse
Professional Engineer
State of Louisiana
No. 10000

REV:

SCALE: AS NOTED

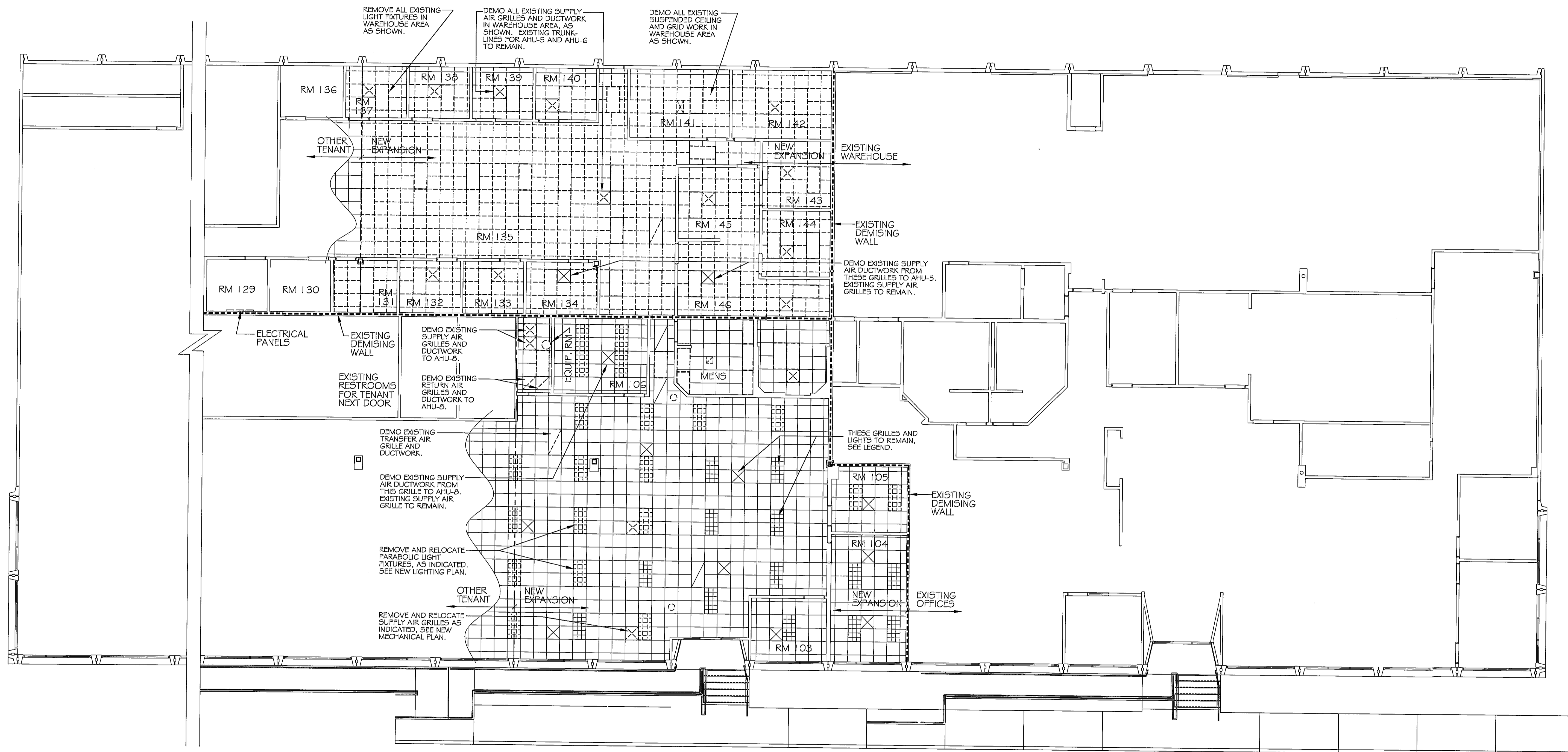
JOB#: 2076

DATE: 11-05-10

SHEET 3

D-2

OF 11



REFLECTED CEILING DEMO PLAN

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

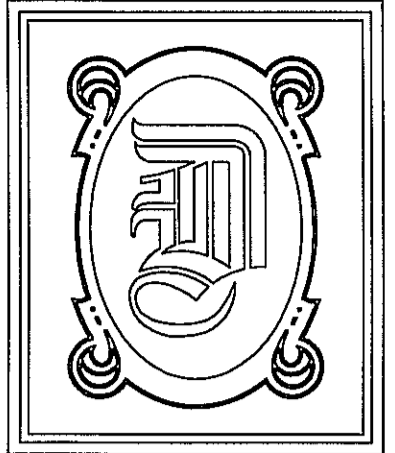
LEGEND

- | | | | |
|--|--|--|--|
| | - EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO REMAIN | | - 2'x4' FLUORESCENT LIGHT FIXTURE TO BE REMOVED OR RELOCATED |
| | - EXISTING 2'x4' PARABOLIC LIGHT FIXTURE TO REMAIN | | - 2'x4' PARABOLIC LIGHT FIXTURE TO BE REMOVED OR RELOCATED |
| | - EXISTING HVAC SUPPLY AIR GRILLE TO REMAIN | | - HVAC SUPPLY AIR GRILLE TO BE REMOVED OR RELOCATED |
| | - EXISTING HVAC RETURN AIR GRILLE TO REMAIN | | - HVAC RETURN AIR GRILLE TO BE REMOVED OR RELOCATED |
| | - INTERCOM SPEAKER | | |
| | - EXISTING CEILING GRID TO REMAIN | | |

390487

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: JULIE LITTLE ARCHITECT

Julie Little



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT
DAMMON, P.E.

CHIEF ARCHITECT
ROBERT
WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

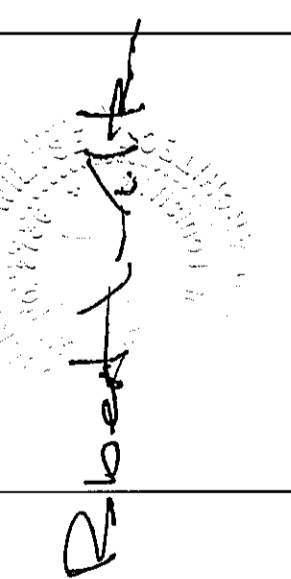
EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

NEW
FLOOR PLAN



REV:

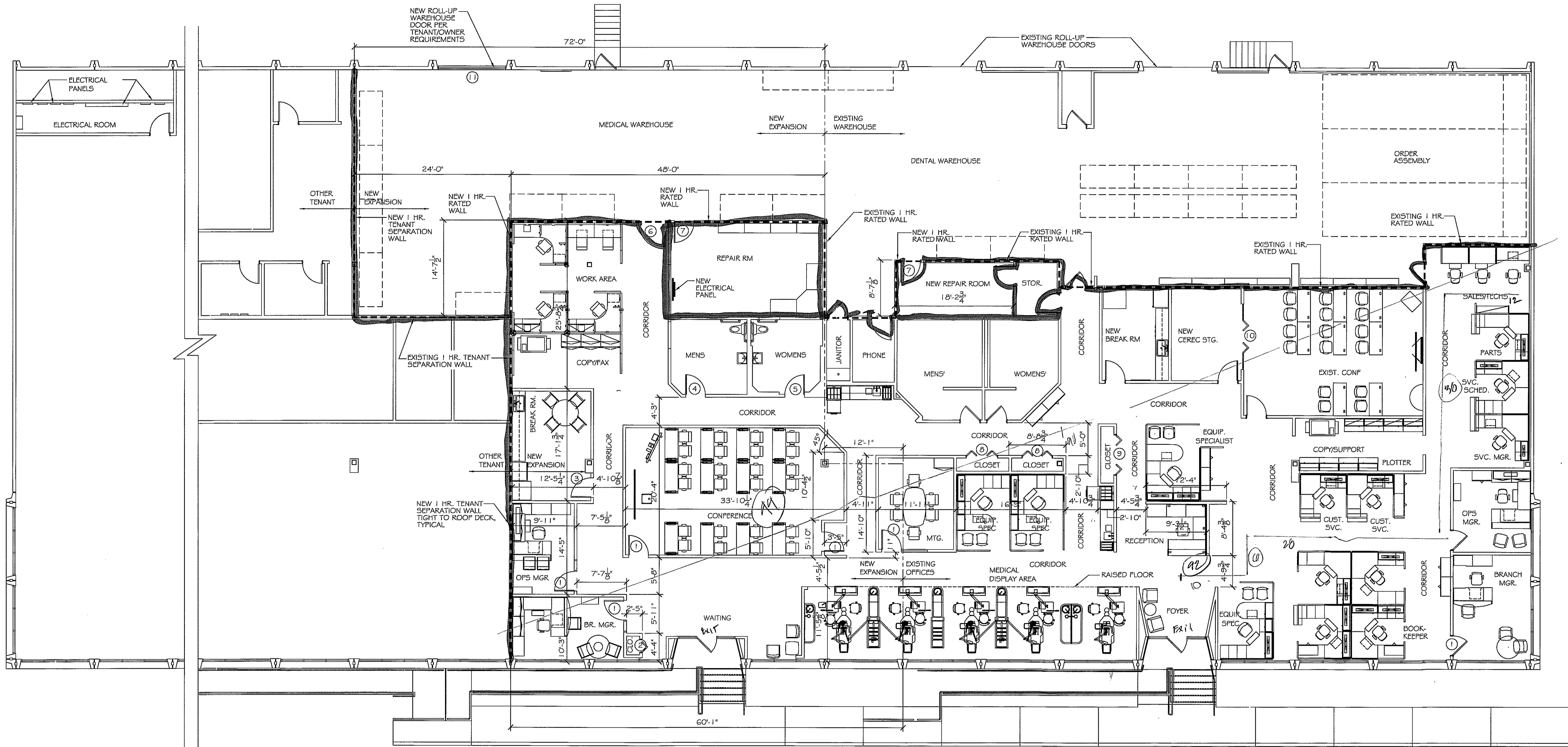
SCALE: AS NOTED

JOB#: 2076

DATE: 11-05-10

SHEET 4

OF 11



NEW FLOOR PLAN
SCALE: 1/8" = 1'-0"

LEGEND

- EXISTING WALLS
- NEW WALLS
- 1 HR. RATED WALL OR
TENANT SEPARATION WALL

GA FILE NO. WP 1072 GENERIC

ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER
BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF
3-5/8" STEEL STUDS 24" O.C. WITH 1" TYPE 5 DRYWALL SCREWS
8" O.C. AT VERTICAL JOINTS AND 12" O.C. AT FLOOR AND CEILING
RUNNERS AND INTERMEDIATE STUDS.

JOINTS STAGGERED 24" ON EACH SIDE AND ON OPPOSITE SIDES.
SOUND TESTED WITH 3-1/2" GLASS FIBER FRICTION FIT IN STUD
SPACE. (NON-LOAD BEARING)

1 HOUR FIRE 45 TO 49 STC SOUND



THICKNESS: 4-7/8"
APPROX. WEIGHT: 6 PSF
FIRE TEST:

SOUND TEST:

SEE WP 1200 (FM WP-45, 6-19-68);
OSU T-1770, 8-61; ULC 79T484, 79T500,
79T497, 8-12-81, ULC DESIGN W415)
NRCC 816-NV, 2-3-81

1 HR SEPARATION DETAIL
NT5

REFER TO
REVISED
SHEET A-1

A-1

GENERAL NOTES

1. INSULATION AND INSULATION ASSEMBLIES SHALL MEET THE REQUIREMENTS OF SECTION 719.
- A. CONCEALED INSULATION SHALL HAVE A FLAME SPREAD OF 0-25 AND SMOKE DEVELOPED INDEX OF 0-450. EXCEPT THAT IN COMBUSTIBLE (WOOD FRAME) CONSTRUCTION.
- B. FACING SHALL COMPLY WITH IBC 2006.
2. CONTRACTOR TO VERIFY ALL SITE CONDITIONS AND DIMENSIONS PRIOR TO CONSTRUCTION.
3. MATERIALS SHALL BE NEW AND U.L. LISTED.
4. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
5. CONSTRUCTION SHALL COMPLY WITH ALL PARISH, STATE, AND LOCAL CODES.
6. CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR.
7. CONTRACTOR SHALL FURNISH WATER AND POWER FROM EXISTING SOURCES.
8. ANY EXTERIOR CAULKING SHALL BE THIOKAL CAULK.
9. PAINT GRADE TO SHALL BE SHERWIN WILLIAMS OR EQUIVALENT. ALL WORK TO RECEIVE 3 COATS. COLOR SELECTION BY OWNER.
10. PROVIDE CLEANUP ON A REGULAR BASIS. NO TRASH STORED IN BUILDING.
11. USE 6" STUDS, OR 4" STAGGERED STUDS AT ALL PLUMBING WALLS.
12. PROVIDE GALVANIZED METAL PAN WITH DRAIN AT WATER HEATER LOCATION.
13. INTERIOR LOCKS ON DOORS IN MEANS OF EGRESS SHALL NOT REQUIRE THE USE OF A KEY, SPECIAL KNOWLEDGE, OR SPECIAL DEVICE TO OPEN IN THE DIRECTION OF EGRESS. ALL DOORS SHALL HAVE LEVER TYPE HANDLES.
14. INTERIOR WALLS AND CEILING SHALL HAVE A FLAME SPREAD OF 0-200 AND A SMOKE DEVELOPMENT RATING OF 0-450.
15. ALL WORK SHALL COMPLY WITH THE LATEST EDITION OF ALL LOCAL, STATE, AND NATIONAL CODES COVERING THE TYPE OF WORK BEING PERFORMED.
16. PROVIDE PORTABLE FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 101. SEE APPENDIX "E" OF NFPA 101 FOR DISTRIBUTION OF EXTINGUISHERS.
17. ALL RATED WALLS SHALL EXTEND TIGHT TO ROOF DECK AND BE SEALED WITH AN APPROVED FIRE CAULK.
18. ALL ELECTRICAL, MECHANICAL, AND PLUMBING MATERIALS PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)

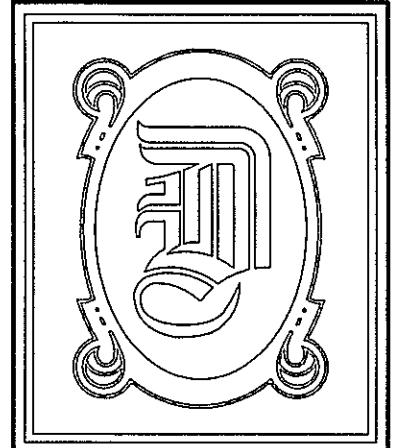
DOOR & HARDWARE SCHEDULE

NO.	SIZE	TYPE		FRAME		HINGE		LOCK				ACCESS.		REMARKS										
		S. C. WOOD	H. C. WOOD	BIFOLD	SOUND BIFOLD	ALUMINUM	HOLLOW METAL	STEEL	BUIT	TRACK	NONE	PASSAGE	PRIVACY		DEADBOLT	KEYED HANDLE	PUSH PULL	NONE	THRESHOLD	WEATHERSTRIP	DOOR STOP	CLOSER	EXISTING VIEW LITE	NONE
1	3'0x8'0"																							SEE NOTE #1
2	2'0x7'0"																							BIFOLD CLOSET DOOR
3	3'0x7'0"																							SEE NOTE #2
4	3'0x7'0"																							SEE NOTE #3
5	3'0x7'0"																							SEE NOTE #4
6	4'0x7'0"																							3/4 HR. RATED DOOR
7	3'0x7'0"																							3/4 HR. RATED DOOR
8	FR. 2'4x7'0"																							BIFOLD CLOSET DOOR
9	FR. 3'0x7'0"																							BIFOLD CLOSET DOOR
10	FR. 2'6x7'0"																							SEE NOTE #5
11	1'0" WIDE																							SEE NOTE #6

- NOTES:
1. 3'-0"x8'-0" EXISTING DOOR WITH ALUMINUM FRAME RE-USED FROM EXISTING FLOOR PLAN.
 2. 3'-0"x7'-0" EXISTING DOOR WITH HOLLOW METAL FRAME & VIEW LITE RE-USED FROM EXISTING FLOOR PLAN.
 3. 3'-0"x7'-0" EXISTING RESTROOM DOOR RELOCATED FROM EXISTING FLOOR PLAN.
 4. NEW 3'-0"x7'-0" DOOR TO MATCH ALL EXISTING RESTROOM DOORS.
 5. NEW PAIR OF 2'-6" BIFOLD SOUND-PROOF DOORS.
 6. NEW OVERHEAD ROLL-UP DOOR TO BE CHAIN OPERATED AND TO MATCH OTHER EXISTING ROLL-UP DOORS ON REAR OF BUILDING. VERIFY SIZE WITH OWNER PRIOR TO ORDER AND INSTALLATION OF SAME.

ROOM FINISH SCHEDULE

NAME	FLOOR	BASE			WALL			CEILING			REMARKS						
		CARPET TILE	V.C.T.	CERAMIC TILE	SHEET VINYL	CONC. W/SEALER	VINYL BASE	CERAMIC TILE	NONE	GYP. BD. PAINTED		CERAMIC TILE TO 42" HT.	FRP	2"x2" SUSP. ACoust.	GYP. BD. PAINTED	NONE	CLG. HGT.
WAITING AREA																	EXISTING
BRANCH MANAGER																	EXISTING
OPS MANAGER																	EXISTING
BREAK ROOM																	EXISTING
COPY/FAX AREA																	EXISTING
WORK AREA																	EXISTING
CORRIDOR																	EXISTING
REPAIR ROOM																	EXISTING
MENS RESTROOM																	EXISTING
WOMENS RESTROOM																	EXISTING
CORRIDOR																	EXISTING
CORRIDOR																	EXISTING
CONFERENCE ROOM																	EXISTING
JANITOR																	EXISTING
PHONE ROOM																	EXISTING
NEW REPAIR ROOM																	EXISTING
STORAGE																	EXISTING
MENS RESTROOM																	EXISTING
WOMENS RESTROOM																	EXISTING
CORRIDOR																	EXISTING
CORRIDOR																	EXISTING
MEETING ROOM																	EXISTING
CLOSET																	EXISTING
CLOSET																	EXISTING
EQUIPMENT SPECIALIST																	EXISTING
EQUIPMENT SPECIALIST																	EXISTING
CORRIDOR																	EXISTING
MEDICAL DISPLAY AREA																	EXISTING
CORRIDOR																	EXISTING
CLOSET																	EXISTING
CORRIDOR																	EXISTING
CORRIDOR																	EXISTING
NEW BREAK ROOM																	EXISTING
NEW CEREC STG.																	EXISTING
CORRIDOR																	EXISTING
EQUIPMENT SPECIALIST																	EXISTING
RECEPTION																	EXISTING
FOYER																	EXISTING
EQUIPMENT SPECIALIST																	EXISTING
CORRIDOR																	EXISTING
EXISTING CONFERENCE																	EXISTING
COPY/SUPPORT																	EXISTING
CUSTOMER SERVICE																	EXISTING
CUSTOMER SERVICE																	EXISTING
BOOK KEEPERS																	EXISTING
CORRIDOR																	EXISTING
BRANCH MANAGER																	EXISTING
OPS MANAGER																	EXISTING
SERVICE MANAGER																	EXISTING
SVC. SCHED.																	EXISTING
CORRIDOR																	EXISTING
PARTS																	EXISTING
SALES/TECHS																	EXISTING
ORDER/ASSEMBLY																	OPEN TO DECK
DENTAL WAREHOUSE																	OPEN TO DECK
MEDICAL WAREHOUSE																	OPEN TO DECK



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SUDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE

ENGINEERING

STUDIES

PLANNING

INVESTIGATION

EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

SCHEDULES
& NOTES

[Handwritten signature]

REV:

SCALE: AS NOTED

JOB#: 2076

DATE: 11-05-10

SHEET 5

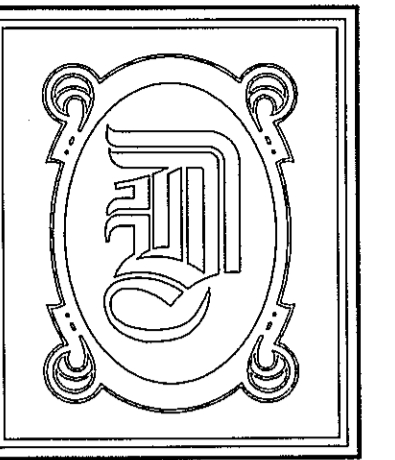
A-2

OF 11

390487

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: JULIE LITTLE, ARCHITECT

[Handwritten signature]



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

- ARCHITECTURE
- ENGINEERING
- STUDIES
- PLANNING
- INVESTIGATION
- EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

NEW
REFLECTED
CEILING
PLAN

REV:

SCALE: AS NOTED

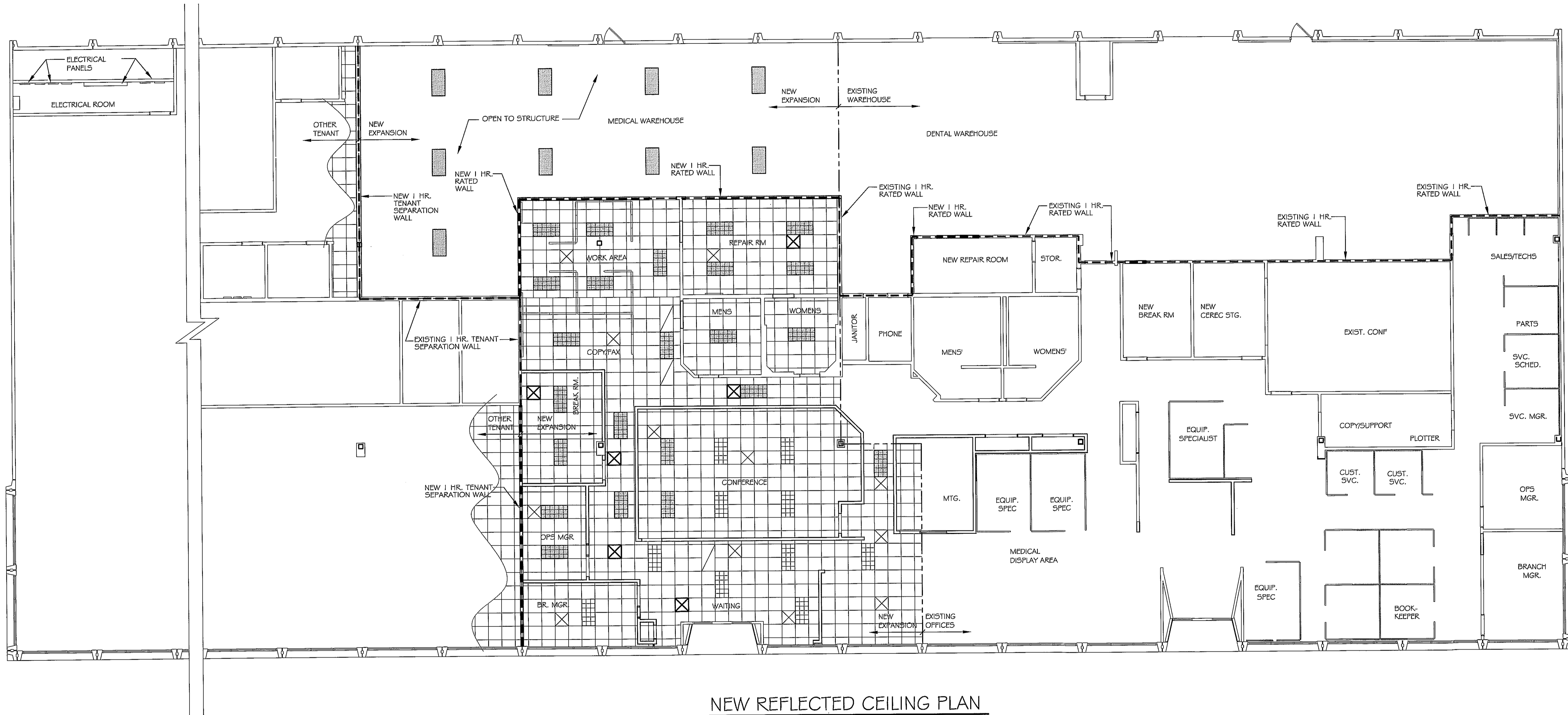
JOB#: 2076

DATE: 11-05-10

SHEET 6

A-3

OF 11



NEW REFLECTED CEILING PLAN

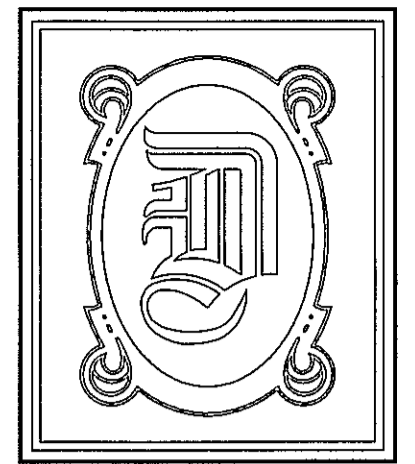
SCALE: 1/8" = 1'-0"

LEGEND

- NEW OR RELOCATED 2'x4' FLUORESCENT LIGHT FIXTURE
- NEW OR RELOCATED 2'x4' PARABOLIC LIGHT FIXTURE
- NEW OR RELOCATED HVAC SUPPLY AIR GRILLE
- NEW OR RELOCATED HVAC RETURN AIR GRILLE
- EXISTING CEILING GRID TO REMAIN
- EXISTING 2'x4' FLUORESCENT LIGHT FIXTURE TO REMAIN
- EXISTING 2'x4' PARABOLIC LIGHT FIXTURE TO REMAIN
- EXISTING HVAC SUPPLY AIR GRILLE TO REMAIN
- EXISTING HVAC RETURN AIR GRILLE TO REMAIN
- INTERCOM SPEAKER

390487

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: JULIE WATTLE ARCHITECT



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

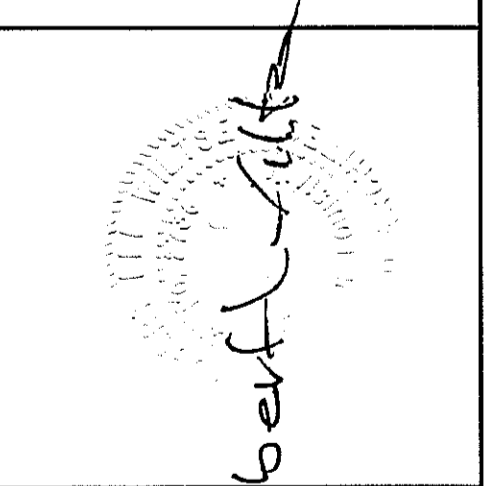
EMAIL:
DAMMONENG@BELLSOUTH.NET

- ARCHITECTURE
- ENGINEERING
- STUDIES
- PLANNING
- INVESTIGATION
- EXPERT WITNESS

OFFICE & WAREHOUSE EXPANSION & RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

NEW MECHANICAL PLAN



REV: *[Signature]*

SCALE: AS NOTED

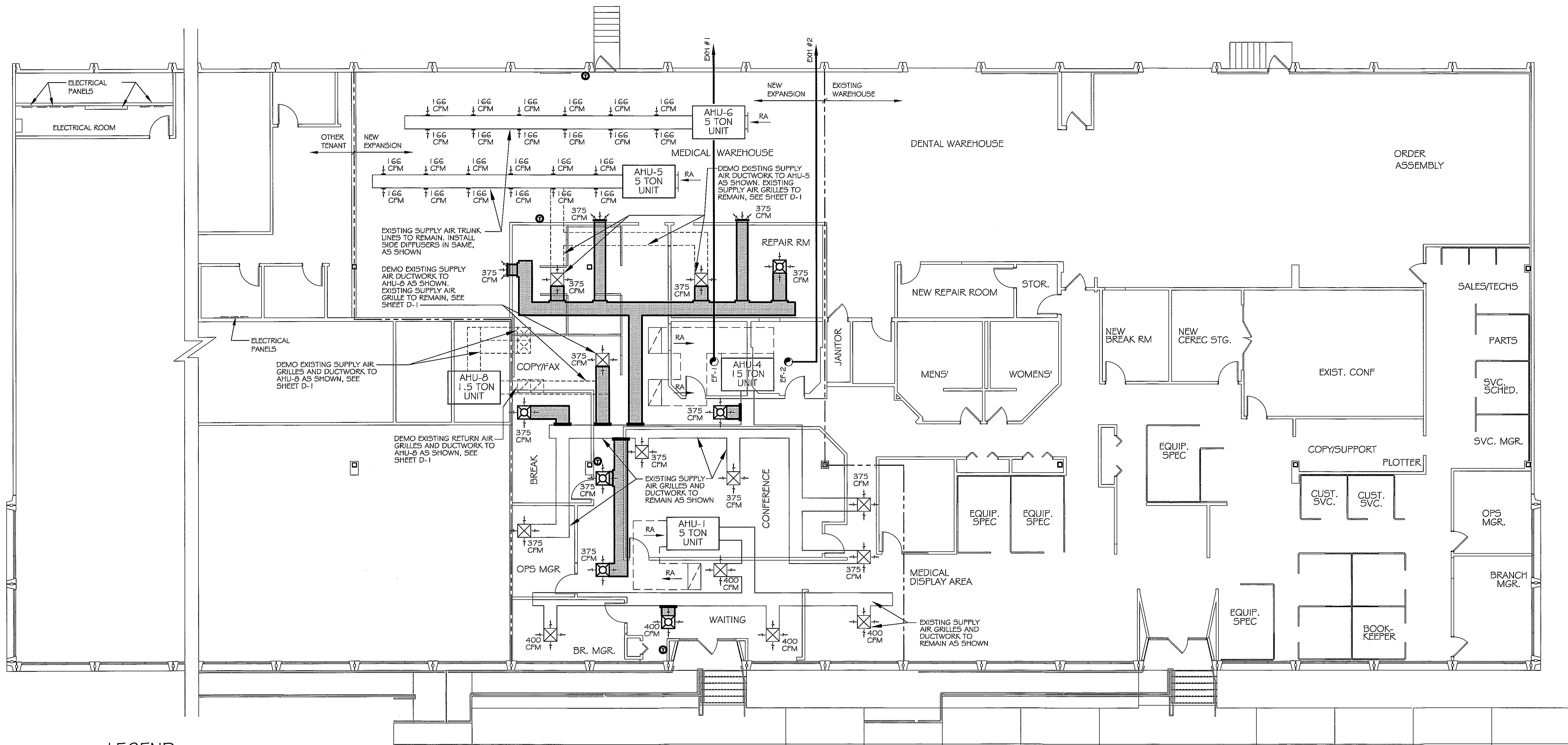
JOB#: 2076

DATE: 11-05-10

SHEET 7

M-1

OF 11



NEW MECHANICAL PLAN

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

HVAC NOTES

1. CONCEALED DUCTWORK TO BE UL-181, CLASS 1, FIBERGLASS DUCTBOARD. DUCTS SHALL BE SIZED TO LIMIT MAIN DUCTS TO 1000 CFM & SECONDARY DUCTS TO 800 CFM. TO BE INSTALLED PER SMACNA STANDARDS.
2. EXPOSED DUCTWORK TO BE GALVANIZED SHEET METAL PER SMACNA STANDARDS. LINE WITH NEOPRENE COATED 1.0" 1.5 POUNDS PER CUBIC FOOT DUCT INSULATION.
3. ROUND FLEXIBLE DUCT TO BE UL-181, CLASS 1, AIR DUCT MATERIALS.
4. DUCT SIZES SHOWN ARE CLEAR INSIDE DIMENSIONS.
5. IN ALL SYSTEMS OVER 2000 CFM AND LESS THAN 15,000 CFM, SMOKE DETECTORS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 72E IN THE RETURN DUCT DOWNSTREAM OF THE AIR HANDLING UNIT AND ALL FILTERS TO AUTOMATICALLY STOP THE FAN.
6. PROVIDE U.L. LISTED 125°F FIRESTAT IN RETURN AIR OF EACH SYSTEM UNDER 2000 CFM TO SHUT DOWN THE FAN IN THE EVENT OF FIRE.
7. PROVIDE U.L. RATED FIRE DAMPERS WHERE REQUIRED AT ALL DUCT PENETRATIONS OF FIRE-RATED ASSEMBLIES AND WHERE REQUIRED BY CODE, INCLUDING OUTSIDE AIR INTAKES.
8. CONDENSATE DRAINS TO BE PVC PIPE RUN TO PLUMBERS P-TRAP WITHIN FIVE FEET OF AIR HANDLING UNITS.
9. ALL AIR HANDLING SYSTEMS TO BE BALANCED TO ASSURE PROPER AIR FLOWS PER PLANS.
10. ALL THERMOSTATS TO BE AUTOMATIC CHANGEOVER WITH HEAT SWITCH.
11. EXHAUST FAN EQUAL TO BROAN MODEL NO. 100 CF. OR EQUAL. FAN SHALL BE CONTROLLED BY A SWITCH ON THE WALL IN THE SAME LOCATION AS LIGHT SWITCH(S). PROVIDE BACK DRAFT DAMPER.
12. PROVIDE AND INSTALL WATER PROOF GRILLE VENT IN PROPER ROOF LOCATION FOR PLUMBING FIXTURE EXHAUST.
13. ALL SUPPLY AIR VENTS SHALL BE EQUIPPED WITH AIR CONTROL DAMPERS.
14. LOCATE OUTDOOR UNITS AS SHOWN ON ARCH. DWGS.
15. REFRIGERANT LINES SHALL BE SIZED BY UNIT MANUFACTURER AND INSTALLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS.
16. FRESH AIR SHALL BE SUPPLIED TO EACH AIR HANDLER THROUGH EXTERIOR WALL DUCT SUPPLIED WITH A CONTROL DAMPER.
17. INSTALL FIRE DAMPER WHERE S.A. & R.A. DUCTS PENETRATE 1 HOUR RATED CEILINGS.
18. ALL ELECTRICAL, MECHANICAL, AND PLUMBING PENETRATING FIRE WALLS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E8-14).
19. ALL MECHANICAL SYMBOLS ARE DRAWN DIAGRAMMATICALLY, CONTRACTOR TO VERIFY WITH OWNER LOCATIONS OF VENTS, DAMPERS, REGISTERS, ETC.
20. REFER TO STRUCTURAL DRAWINGS TO COORDINATE LOCATION(S) & MOUNTING OF MECHANICAL EQUIPMENT.
21. FLEXIBLE DUCTWORK LENGTH NOT TO EXCEED 10'-0".
22. REFER TO REFLECTED CEILING PLAN FOR FINAL GRILLE AND DIFFUSER LOCATIONS AND COORDINATE AS REQUIRED.
23. FINAL LOCATION OF TEMPERATURE CONTROLS TO BE COORDINATED WITH OWNER AT JOB SITE.
24. PROVIDE AND INSTALL SMOKE DETECTORS AS APPROVED BY LOCAL AHJ'S. PLACE NEAR R/A AND S/A OPENINGS OF AHU AND PROVIDE, WITH ACCESS PANEL, WIRING BY ELECTRICAL CONTRACTOR.
25. FRESH AIR INTAKES ARE REQUIRED TO HAVE MOTORIZED OR GRAVITY DAMPERS TO SHUT OFF WHEN SYSTEM IS NOT RUNNING. ALL THERMOSTATS MUST BE PROGRAMMABLE. SEE SECTIONS 502.4.4 OR 503.2.4.3 OF THE 2006 INTERNATIONAL ENERGY CODE.

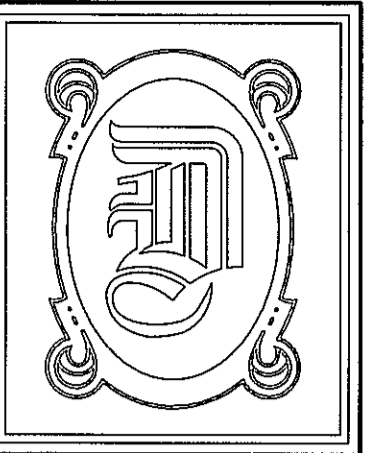
LEGEND

- EXISTING SUPPLY AIR GRILLE TO REMAIN
- NEW OR RELOCATED SUPPLY AIR GRILLE
- NEW SIDE-WALL MTD. SUPPLY AIR DIFFUSER
- EXISTING RETURN AIR GRILLES TO REMAIN
- EXISTING SUPPLY AIR DUCT TO REMAIN
- EXISTING RETURN AIR DUCT TO REMAIN
- NEW SUPPLY AIR DUCT
- EXHAUST FAN
- THERMOSTAT

EXHAUST FAN SCHEDULE

NO.	LOCATION	CFM	VOLTAGE	TYPE	MANF.
EF1	RESTROOM	75	120	VENT	BROAN
EF2	RESTROOM	75	120	VENT	BROAN

390487
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: JULIE LITTLE ARCHITECT



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

- ARCHITECTURE
- ENGINEERING
- STUDIES
- PLANNING
- INVESTIGATION
- EXPERT WITNESS

OFFICE & WAREHOUSE EXPANSION & RENOVATION

PATTERSON DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

NEW ELECTRICAL POWER PLAN

Robert Wiltse

REV:

SCALE: AS NOTED

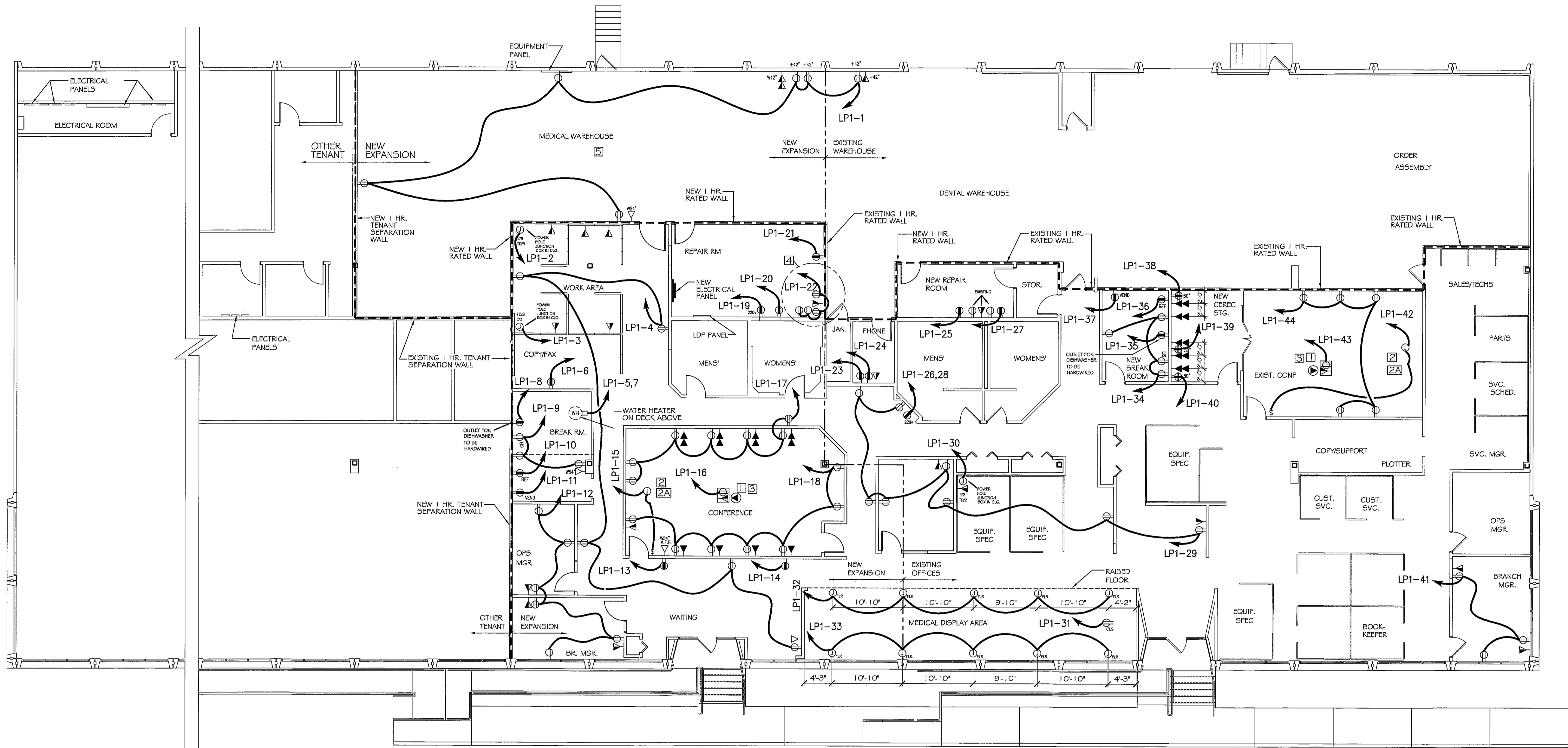
JOB#: 2076

DATE: 11-05-10

SHEET 8

E-1

OF 11



NEW ELECTRICAL POWER PLAN

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

ELECTRICAL LEGEND

- ⊕ WALL MOUNTED DUPLEX OUTLET WITH DEDICATED CIRCUIT & GROUND.
- ⊕ WALL MOUNTED 4-PLEX OUTLET WITH DEDICATED CIRCUIT & GROUND.
- ⊕ WALL MOUNTED 4-PLEX OUTLET WITH DEDICATED CIRCUIT.
- ⊕ WALL MOUNTED DUPLEX OUTLET.
- ⊕_{220V} WALL MOUNTED DUPLEX OUTLET - 220 VOLT/20 AMP.
- ⊕₁₂₀ CEILING MOUNTED DUPLEX OUTLET - 120 VOLT/20 AMP.
- ⊕ DENOTES CEILING MOUNTED DUPLEX OUTLET AMP.
- +42" DENOTES OUTLET HEIGHT ABOVE FINISH FLOOR
- GFI GROUND FAULT INTERRUPT DUPLEX OUTLET MOUNTED AT 42" AFF - U.O.N.

- E-8 T/D-8 CEILING MOUNTED DUAL JUNCTION BOXES TO PROVIDE ISOLATED POWER & TEL/DATA TO SYSTEMS FURNITURE. E - INDICATES ELECTRICAL, T/D - INDICATES TEL/DATA. NUMBER INDICATES QUANTITY OF WORKSTATIONS. POWER SHALL BE 8-WIRE 4-CIRCUIT. THIS CONTRACTOR TO PROVIDE POWER FEED, ELBOW FACE PLATE & WHIP CONNECTION TO FURNITURE PANELS. TEL/DATA CABLING BY TENANT'S VENDOR. TENANT'S FURNITURE VENDOR TO PROVIDE ALL PANEL TO PANEL ELECTRICAL CONNECTIONS.
- RECESSED ACCENT LIGHTING TO BE ON A DIMMER & SWITCHED SEPARATELY THEN THE STD PARABOLIC LIGHTING.
- Ⓜ JUNCTION BOX (CEILING OR FLOOR MOUNTED)

KEYNOTES

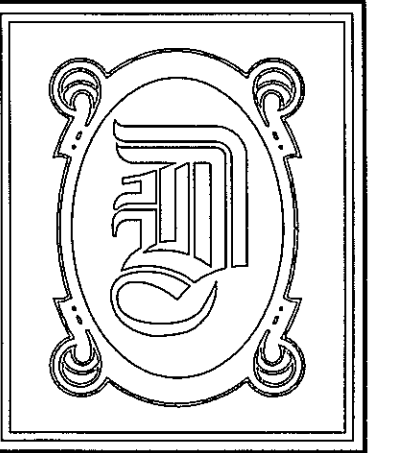
- 1 OUTLET & DATA FOR CEILING MOUNTED PROJECTOR. (PATTERSON TO PROVIDE PROJECTOR)
- 2 OUTLET FOR CEILING MOUNTED PROJECTION SCREEN. CENTERED IN ROOM 1' FROM WALL.
- 2A BUILDING CONTRACTOR TO INSTALL LCD PROJECTOR MOUNTING BRACKET AND RUN VGA CABLE WITH AUDIO, FROM LCD PROJECTOR TO WALL PLATE IN FRONT OF TRAINING ROOM. BUILDING CONTRACTOR TO INSTALL WALL PLATE. LCD PROJECTOR & KIT W/CABLE & MOUNTING BRACKET SUPPLIED BY PATTERSON CORP.
- 3 PROVIDE DIMMER OR (2) LIGHT LEVELS IN CONFERENCE ROOM FOR PRESENTATIONS.
- 4 ALL OUTLETS/DATA TO BE LOCATED AT 42"H A.F.F. & CENTERED WITHIN THE 48" AREA AS SHOWN. (IN REPAIR AND/OR TST ROOMS ONLY)
- 5 FINAL ELECTRICAL AND DATA LOCATIONS IN THE WAREHOUSE TO BE COORDINATED WITH CLIENT. COMPRESSOR LOCATION TO BE DETERMINED BY THE CLIENT.

DATA LEGEND:

- ◀ DUAL TEL/DATA OUTLET
- ◀◀◀ QUAD-DUAL TEL/DATA OUTLET
- ◀◀ DUAL DATA ONLY
- ◀ DATA ONLY OUTLET
- ◀ PHONE ONLY OUTLET BY TENANT'S VENDOR.
- ◀ FAX
- W42" WALL MOUNTED (42"A.F.F. - 15" FROM WALL) AS PER REVIEW LETTER BY STATE FIRE MARSHAL
- ◀ FLUSH FLOOR TEL/DATA OUTLET

390487

REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW LETTER BY STATE FIRE MARSHAL



**DAMMON
ENGINEERING, INC.**

CHIEF ENGINEER
EMMETT
DAMMON, P.E.

CHIEF ARCHITECT
ROBERT
WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

NEW
ELECTRICAL
LIGHTING
PLAN

Robert Wiltse

REV:

SCALE: AS NOTED

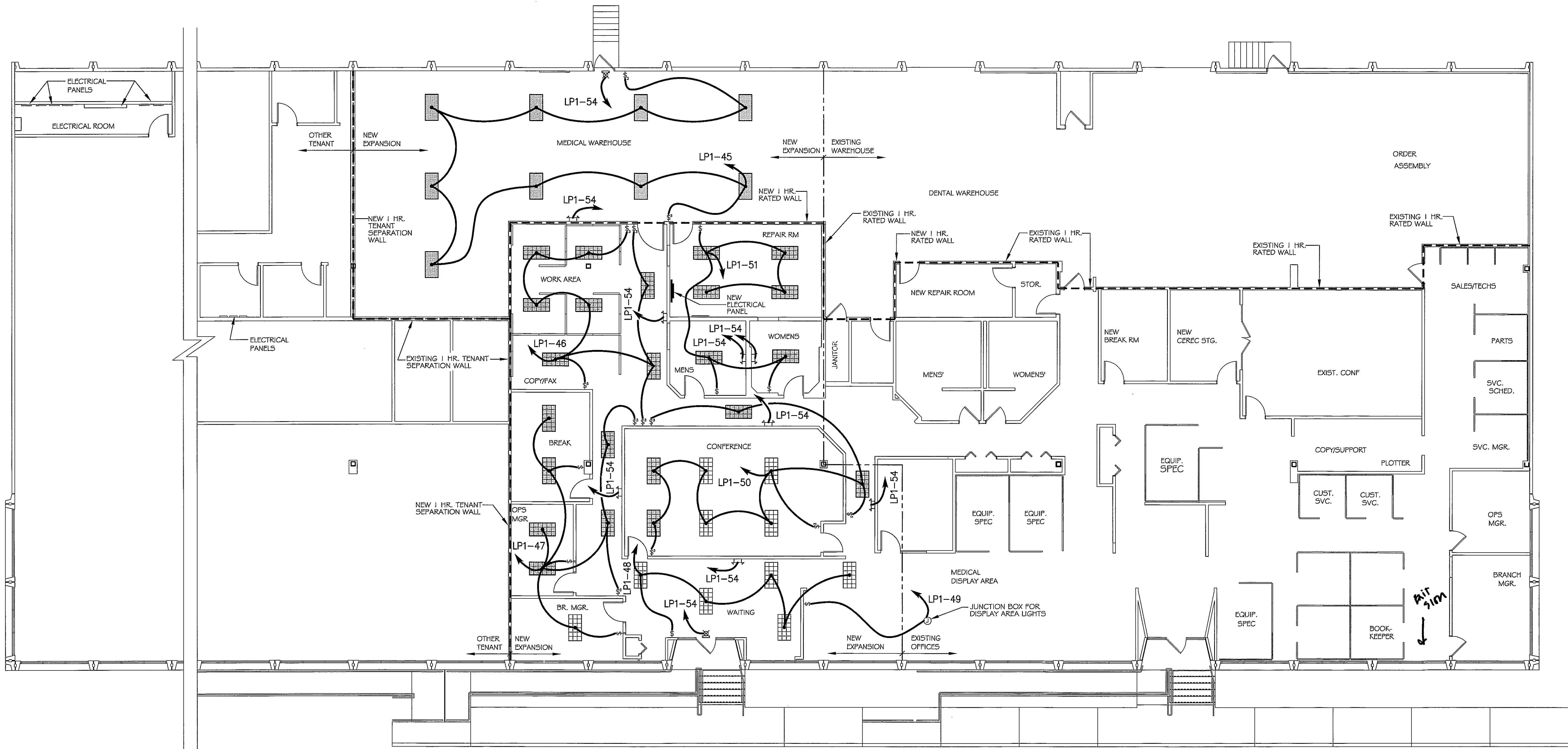
JOB#: 2076

DATE: 11-05-10

SHEET 9

E-2

OF 11



NEW ELECTRICAL LIGHTING PLAN

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

LEGEND

- NEW 2x4' DOUBLE-BALLASTED 4-BULB FLUORESCENT LIGHT FIXTURE (216w)
- NEW OR RELOCATED 2x4' 3-BULB PARABOLIC LIGHT FIXTURE (100w)
- NEW OR RELOCATED HVAC SUPPLY AIR GRILLE
- NEW OR RELOCATED HVAC RETURN AIR GRILLE
- EXISTING 2x4' 3-BULB PARABOLIC LIGHT FIXTURE TO REMAIN (100w)
- EMERGENCY LIGHT W/ 90 MIN. BATTERY BACKUP (12w)
- LOW LEVEL MOUNTED EXIT LIGHT/SIGN W/90 MIN. BATTERY BACK-UP (.92w)
- LOW LEVEL MOUNTED EXIT/EMERGENCY LIGHT/SIGN COMBO W/90 MIN. BATTERY BACKUP (2.3w)
- SWITCH
- 3-WAY SWITCH
- POWER PANEL

390487

REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY JULIE LITTLE ARCHITECT

Julie Little

PANEL: LP-1
 LOCATION: PATTERSON DENTAL OFFICE WAREHOUSE WALL
 FEEDER SOURCE: ENTERGY

VOLTAGE: 208/120V, 225A 3Ø, 4W MLO, 54 CRT PANEL BD
 ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR
 BOLTON BRK 22000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER		LOAD (VA)	LOAD (VA)	BREAKER		LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.
			AMP	POLE			POLE	AMP			
1	#12	RECEPTACLES FOR MEDICAL AND DENTAL WAREHOUSE	20	1	960	1500	1	20	JUNCTION BOX FOR POWER POLE IN COPY/FAXWORK AREA	#12	2
3	#12	JUNCTION BOX FOR POWER POLE IN COPY/FAXWORK AREA	20	1	1500	800	1	20	RECEPTACLES FOR WORK AREAS, CORRIDORS, & WAITING	#12	4
5	#10	NEW WATER HEATER 30 GAL	40	2	3400	160	1	20	COPY/FAX AREA ISOLATED RECEPTACLE	#12	6
7	#12	NEW BREAK ROOM RECEPTACLES	20	1	3400	160	1	20	DISHWASHER RECEPTACLE	#12	8
9	#12	NEW BREAK ROOM RECEPTACLES	20	1	800	160	1	20	REFRIGERATOR RECEPTACLE	#12	10
11	#12	VENDING MACHINE RECEPTACLE	20	1	160	960	1	20	OPS AND BRANCH MANAGERS OFFICES RECEPTACLES	#12	12
13	#12	WAITING ROOM 110V ISOLATED RECEPTACLE	20	1	160	160	1	20	WAITING ROOM 110V ISOLATED RECEPTACLE	#12	14
15	#12	NEW CONFERENCE ROOM JUNCTION BOX	20	1	1500	160	1	20	NEW CONFERENCE ROOM CEILING RECEPTACLE	#12	16
17	#12	NEW CONFERENCE ROOM AND CORRIDOR RECEPTACLES	20	1	1120	1120	1	20	NEW CONFERENCE ROOM RECEPTACLES	#12	18
19	#12	REPAIR ROOM 220V ISOLATED RECEPTACLE	20	1	160	160	1	20	REPAIR ROOM 110V ISOLATED RECEPTACLE	#12	20
21	#12	REPAIR ROOM 110V ISOLATED RECEPTACLE	20	1	160	640	1	20	REPAIR ROOM RECEPTACLES	#12	22
23	#12	PHONE ROOM ISOLATED RECEPTACLE	20	1	160	160	1	20	PHONE ROOM ISOLATED RECEPTACLE	#12	24
25	#12	NEW REPAIR ROOM 110V ISOLATED RECEPTACLE	20	1	160	920	2	25	PANORAMIC X-RAY MACHINE	#12	26
27	#12	NEW REPAIR ROOM 110V ISOLATED RECEPTACLE	20	1	160	920	2	25	PANORAMIC X-RAY MACHINE	#12	28
29	#12	MTG. RM., CORRIDOR, STERILIZER, & FAX/COMPUTER RECEPTACLES	20	1	960	1500	1	20	JUNCTION BOX FOR POWER POLE IN EQUIPMENT SPEC. AREA	#12	30
31	#12	MEDICAL DISPLAY AREA CEILING RECEPTACLE	20	1	160	1800	1	20	MEDICAL DISPLAY AREA FLOOR JUNCTION BOXES	#12	32
33	#12	MEDICAL DISPLAY AREA FLOOR JUNCTION BOXES	20	1	1800	1120	1	20	NEW BREAK ROOM RECEPTACLES	#12	34
35	#12	DISHWASHER RECEPTACLE	20	1	160	160	1	20	REFRIGERATOR RECEPTACLE	#12	36
37	#12	VENDING MACHINE RECEPTACLE	20	1	160	160	1	20	NEW CEREC STG. ROOM ISOLATED 4-FLEX RECEPTACLE	#12	38
39	#12	NEW CEREC STG. ROOM ISOLATED 4-FLEX RECEPTACLE	20	1	160	160	1	20	NEW CEREC STG. ROOM ISOLATED 4-FLEX RECEPTACLE	#12	40
41	#12	EXISTING BRANCH MANAGERS OFFICE RECEPTACLES	20	1	480	1500	1	20	EXISTING CONFERENCE ROOM JUNCTION BOX	#12	42
43	#12	EXISTING CONFERENCE ROOM CEILING RECEPTACLE	20	1	160	800	1	20	EXISTING CONFERENCE ROOM WALL RECEPTACLES	#12	44
45	#12	MEDICAL WAREHOUSE LIGHTS	20	1	1944	700	1	20	COPY/FAXWORK AREA AND CORRIDOR LIGHTS	#12	46
47	#12	BREAK RM., OPS MANAGER, BRANCH MANAGER, & CORRIDOR LIGHTS	20	1	700	500	1	20	WAITING ROOM AND CORRIDOR LIGHTS	#12	48
49	#12	JUNCTION BOX FOR MEDICAL DISPLAY AREA LIGHTS	20	1	1500	800	1	20	NEW CONFERENCE ROOM AND CORRIDOR LIGHTS	#12	50
51	#12	REPAIR ROOM, MEN'S AND WOMEN'S RESTROOM LIGHTS	20	1	600	-	1	20	SPARE	#12	52
53	#12	SPARE	20	1	-	102	1	20	EMERGENCY AND EXIT LIGHTS	#12	54
55	#12	SPARE	20	1	-	-	1	20	SPARE	#12	56
57	#12	SPARE	20	1	-	-	1	20	SPARE	#12	58
59	#12	SPARE	20	1	-	-	1	20	SPARE	#12	60

TOTAL CONNECTED LOAD (VA)=39,866
 AØ=13,280 BØ=13,284 CØ=13,302

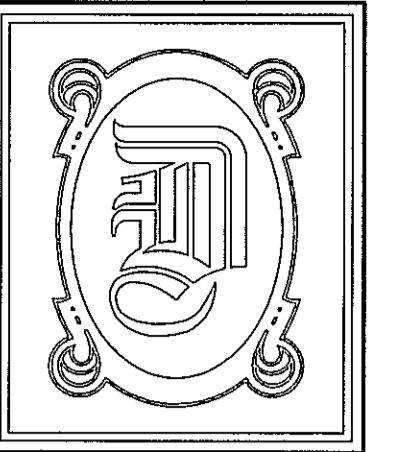
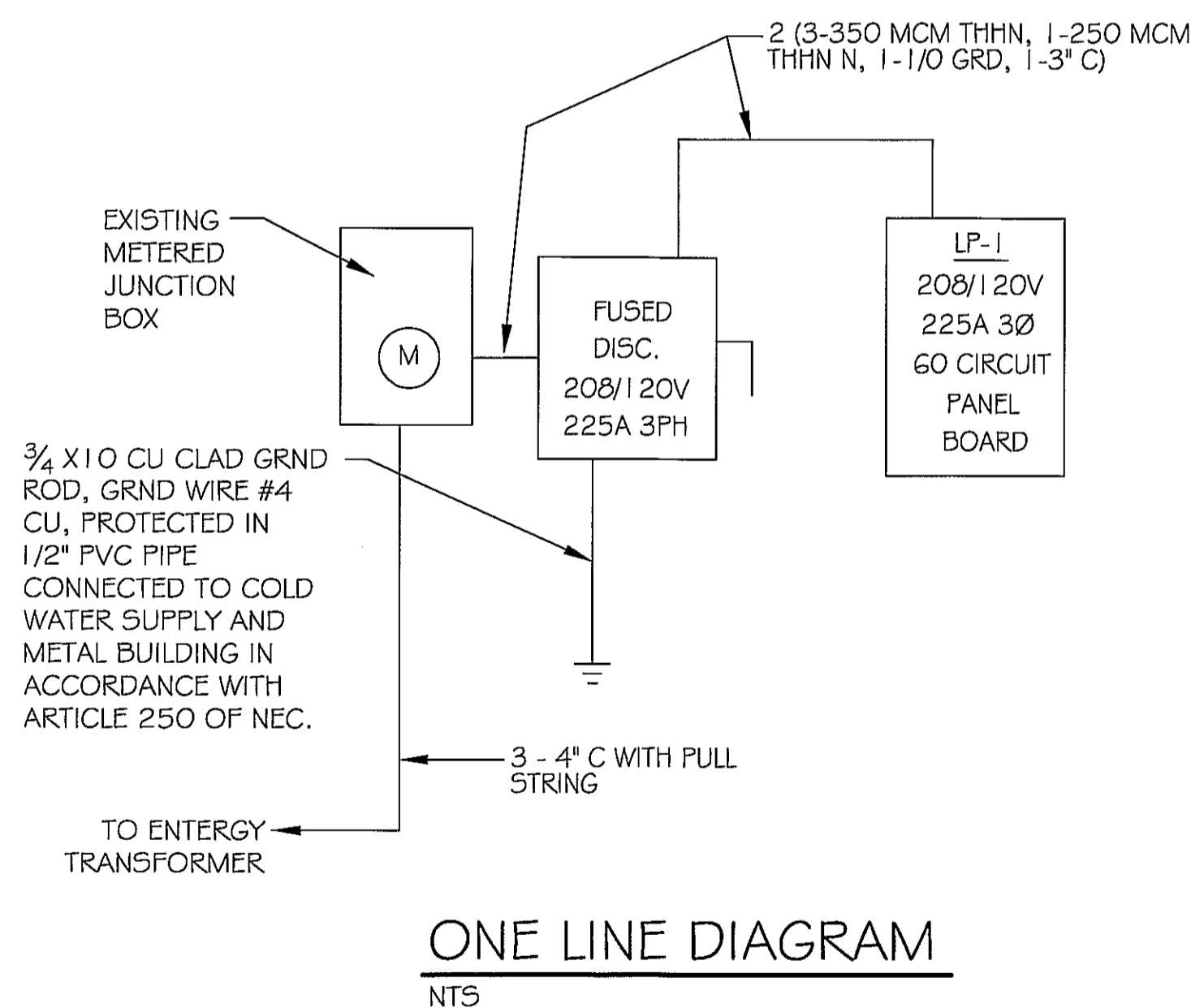
SOLID NEUTRAL NEUTRAL WIRE (W)
 GROUND BUS GROUND WIRE (G)

GENERAL NOTES:

- CONTRACTOR TO CONFIRM/COORDINATE POWER & TEL/DATA OUTLET LOCATION/REQUIREMENT WITH TENANT AND TENANT'S FURNITURE VENDOR.
- CONTRACTOR TO CONFIRM/COORDINATE POWER & TEL/DATA OUTLET LOCATION/QUANTITY REQUIREMENTS FOR WAREHOUSE WITH TENANT.
- ALL CONTRACTORS/SUB-CONTRACTORS TO REVIEW THE OUTLINE SPECIFICATIONS FOR WORK RELATED TO THEIR CONTRACT/TRADE.
- FURNITURE FOR REFERENCE ONLY. FURNITURE INCLUDING SYSTEMS FURNITURE TO BE PROVIDED & INSTALLED BY KATHY BLAKE, (952) 278-9237.
- DISPLAY EQUIPMENT FOR REFERENCE ONLY. EQUIPMENT SUPPLIED & INSTALLED BY TENANT.
- PROVIDE POWER CONNECTION FOR DISHWASHER IN BREAK ROOM
- MAKE SURE ADEQUATE HEATING AND COOLING ARE IN THE CONFERENCE/TRAINING ROOM FOR DENSITY OF UP TO 50 PERSONS AT A TIME-PROBABLY NEED TO MAKE SURE AT MINIMUM ONE VAV IS LOCATED IN THIS ROOM WITH A RETURN AND MAY NEED DEDICATED HVAC UNIT FOR THIS AREA DEPENDING ON SIZE/ZONES.

ELECTRICAL NOTES

- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE, THE GOVERNING ELECTRICAL CODE AND ALL OTHER INSPECTION DEPARTMENTS HAVING JURISDICTION. OBTAIN CERTIFICATES OR APPROVAL WHERE REQUIRED.
- ALL MATERIALS FURNISHED SHALL BE NEW AND SHALL BE U.L. LISTED.
- THE DRAWINGS INDICATE SIZE AND GENERAL LOCATION OF WORK. SCALE DIMENSIONS SHALL NOT BE USED. THE EXACT LOCATION AND LOCATION OF ALL LIGHTING FIXTURES, RECEPTACLES AND TELEPHONE OUTLETS, ETC. SHALL BE DETERMINED BY ACTUAL CONDITIONS IN THE FIELD.
- PRIOR TO BIDDING, CONTRACTOR SHALL VISIT THE JOB SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS.
- ELECTRICAL CONTRACTOR SHALL COORDINATE HIS WORK WITH OTHER TRADES AND WITH OTHER CONTRACTORS WHOSE WORK MAY AFFECT THIS INSTALLATION.
- ELECTRICAL CONTRACTOR SHALL COORDINATE INCOMING ELECTRICAL SERVICE WITH UTILITY COMPANY AND INCLUDE IN HIS BID ALL CHARGES AND FEES INCURRED IN MODIFICATIONS.
- WHERE MORE THAN ONE SWITCH OCCURS IN THE SAME LOCATION, THEY SHALL BE INSTALLED IN A GANG TYPE BOX UNDER ONE COVER PLATE.
- ELECTRICAL CONTRACTOR SHALL COORDINATE THE TELEPHONE INSTALLATION WITH THE TELEPHONE COMPANY AND THE GENERAL CONTRACTOR.
- ELECTRICAL CONTRACTOR, BEFORE INSTALLING ANY OF THE WORK, SHALL SEE THAT IT DOES NOT INTERFERE WITH CLEARANCES REQUIRED FOR FINISHED COLUMNS, HUNG CEILINGS, PLASTER, PARTITIONS, WALLS, ETC. AS SHOWN IN THE ARCHITECTURAL DRAWINGS AND DETAILS. IF ANY WORK IS INSTALLED AND IT LATER DEVELOPS THAT SUCH DETAILS OR DESIGN CANNOT BE FOLLOWED, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL MAKE SUCH CHANGES IN THE WORK AS DIRECTED BY THE ARCHITECT. AS WELL AS TO PERMIT THE INSTALLATION OF THE ARCHITECTURAL WORK AS SHOWN ON THE PLANS AND DETAILS.
- PERFORM TEST REQUIRED BY THE OWNER OR THE ENGINEER IN CONNECTION WITH THE OPERATION OF THE ELECTRICAL SYSTEM IN THE BUILDING.
- ALL TESTS SHALL BE MADE IN ACCORDANCE WITH THE LATEST STANDARD OF THE IEEE AND THE NATIONAL ELECTRICAL CODE.
- MINIMUM CONDUCTOR SIZE SHALL BE #12, 600V INSULATION. MINIMUM SIZE CONDUIT SHALL BE 3/4" EMT FOR INTERIOR USE, AND 3/4" RIGID ALUMINUM OR PVC SCHEDULE 80 FOR EXTERIOR USE. USE TYPE MC CABLE COPPER, FOR LIGHTS AND RECEPTACLE CIRCUITS. EXTERIOR FITTINGS SHALL BE CAST BOXES AND COVERS. INTERIOR FITTINGS SHALL BE CAST WHERE EXPOSED ON WALLS. STAMPED BOXES MAY BE USED ABOVE CEILINGS IN AIR CONDITIONED SPACES. WHERE LAY IN FIXTURES ARE IN USE, USE 1/4" ALLOWED FOR 6" WIDTH.
- CONTRACTOR SHALL INSTALL WIRING AND OTHER CIRCUIT COMPONENTS TO MATCH EQUIPMENT ACTUALLY INSTALLED.
- INSTALL GROUND FAULT RECEPTACLES AT RECEPTACLE LOCATIONS WITHIN 5' OF SINKS OR LAVATORIES, AND AT EXTERIOR LOCATIONS. EXTERIOR RECEPTACLES SHALL ALSO BE WATERPROOF.
- BONDING AND GROUNDING SHALL BE IN ACCORDANCE WITH NFPA 70:230-63, NFPA 250-23, 250-71 & 250-72.
- GROUND NEUTRAL IN ACCORDANCE WITH NFPA 70:250-23b.
- FUSES SHALL BE ITC CLASS K5, 250 VOLT, 200,000 AMP INTERRUPTING CAP.
- PROVIDE SERVICES OF A FIRE/SMOKE DETECTION AND ALARM COMPANY TO DESIGN AND INSTALL ALARM SYSTEM TO MEET REQUIREMENTS OF THE STATE FIRE MARSHALL.
- EXTERIOR LIGHTING SHALL BE SHADED OR INWARDLY DIRECTED IN SUCH A MANNER SO THAT NO DIRECT LIGHTING OR GLARE IS CAST BEYOND THE PROPERTY LINE. THE INTENSITY OF SUCH LIGHTING SHALL NOT EXCEED ONE FOOT CANDLE AS MEASURED AT THE ABUTTING PROPERTY LINE.
- ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
- THE ELECTRICIAN SHALL INSTALL A GROUND PATH FOR FAULT CURRENT BY INSTALLING A METAL RACEWAY SYSTEM OR A CABLE HAVING A METALLIC ARMOR OR SHEATH ASSEMBLY FOR ALL RECEPTACLES AND FIXED ELECTRIC EQUIPMENT IN ALL PATIENT AREAS.
- THE ELECTRICIAN SHALL CONNECT THE GROUNDING TERMINALS OF ALL RECEPTACLES AND ALL NON-CURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRIC EQUIPMENT LIKELY TO BECOME ENERGIZED THAT ARE SUBJECT TO PERSONAL CONTACT, OPERATING AT OVER 100 VOLTS UTILIZING AN INSULATED COPPER CONDUCTOR IN ALL AREAS USED FOR PATIENT CARE.



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

1095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

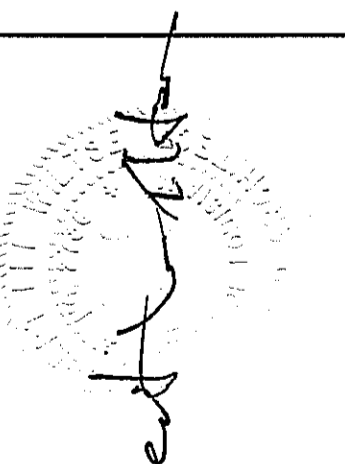
EMAIL:
DAMMONENG@BELLSOUTH.NET

- ARCHITECTURE
- ENGINEERING
- STUDIES
- PLANNING
- INVESTIGATION
- EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
107 MALLARD ST.
SAINT ROSE, LA
70087

ELECTRICAL
SCHEDULES
& ONE-LINE
DIAGRAM



REV:

SCALE: AS NOTED

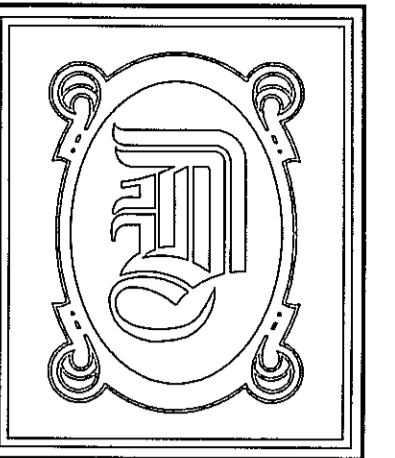
JOB#: 2076

DATE: 11-05-10

SHEET 10

E-3

OF 11



DAMMON
ENGINEERING, INC.

CHIEF ENGINEER
EMMETT
DAMMON, P.E.

CHIEF ARCHITECT
ROBERT
WILTSE

1 095 FLORIDA AVENUE
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

OFFICE &
WAREHOUSE
EXPANSION &
RENOVATION

PATTERSON
DENTAL SUPPLY
1 07 MALLARD ST.
SAINT ROSE, LA
70087

NEW
PLUMBING
PLAN

Robert Wiltse
REV: *R. Wiltse*

SCALE: AS NOTED

JOB#: 2076

DATE: 11-05-10

SHEET 11

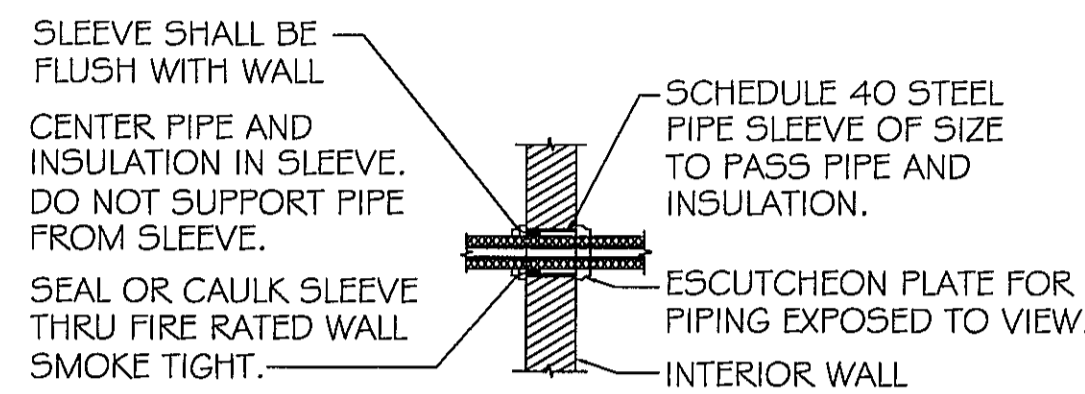
P-1

OF 11

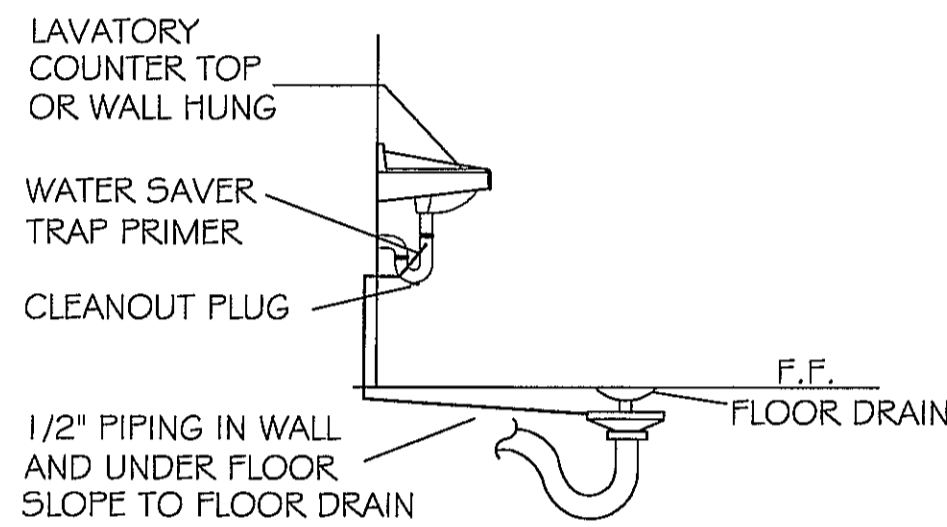
LEGEND

SYMBOL	DESCRIPTION
---S---S---S---	SANITARY SEWER
---	COLD WATER
---	HOT WATER
C.O.	CLEAN OUT
F.D.	FLOOR DRAIN
WH	WATER HEATER

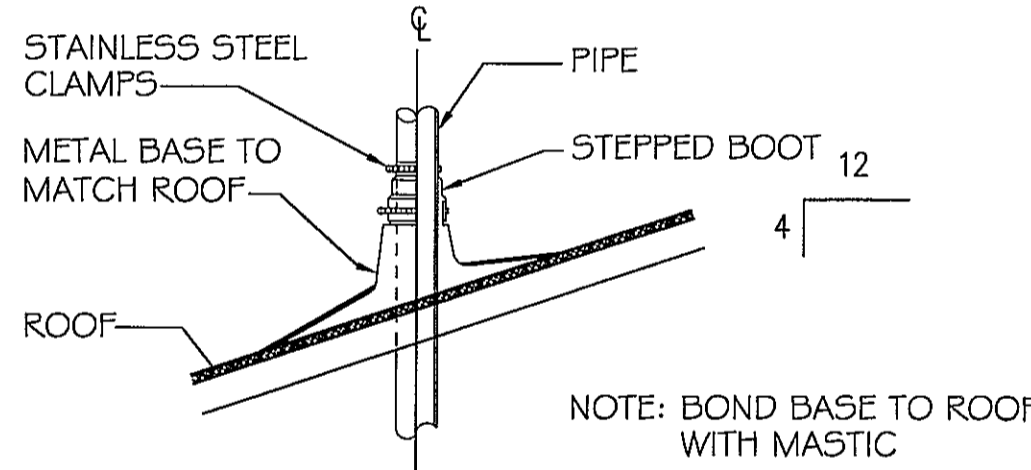
NOTE: ALL PLUMBING LINES ARE SHOWN DIAGRAMATIC.



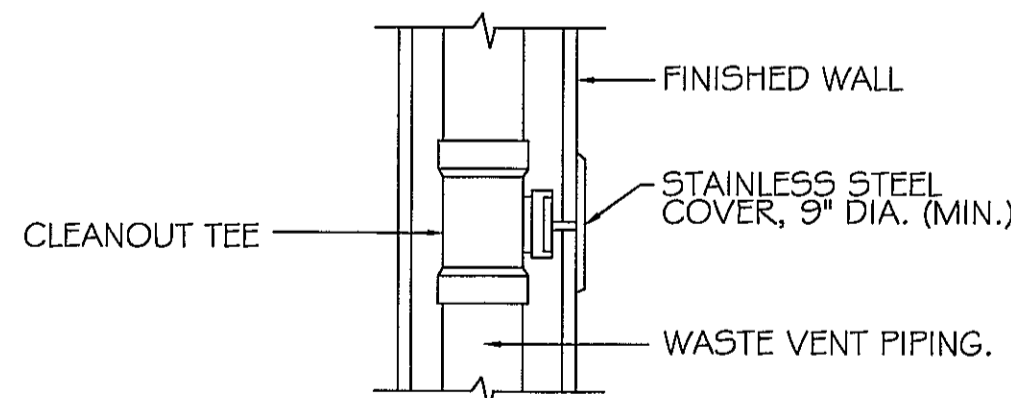
TYPICAL INTERIOR WALL SLEEVE DETAIL
N.T.S.



FLOOR DRAIN DETAIL
N.T.S.

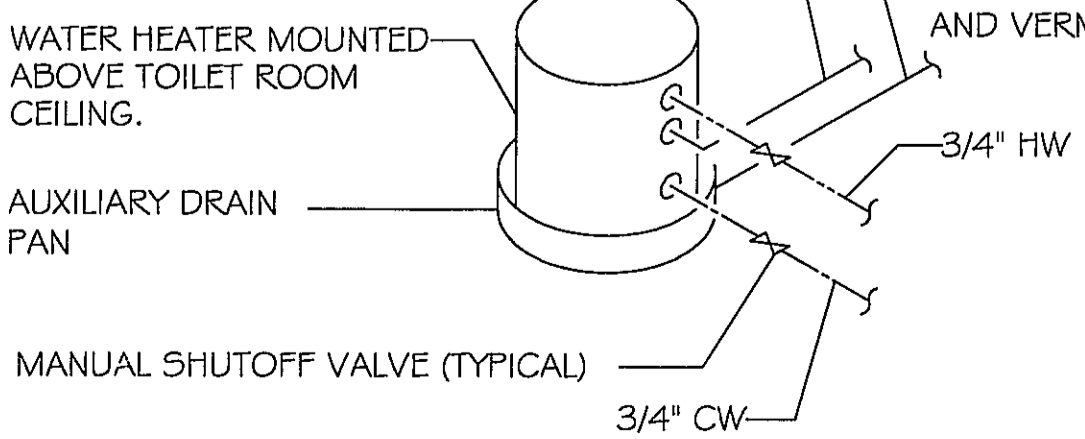


VENT THRU ROOF DETAIL
N.T.S.

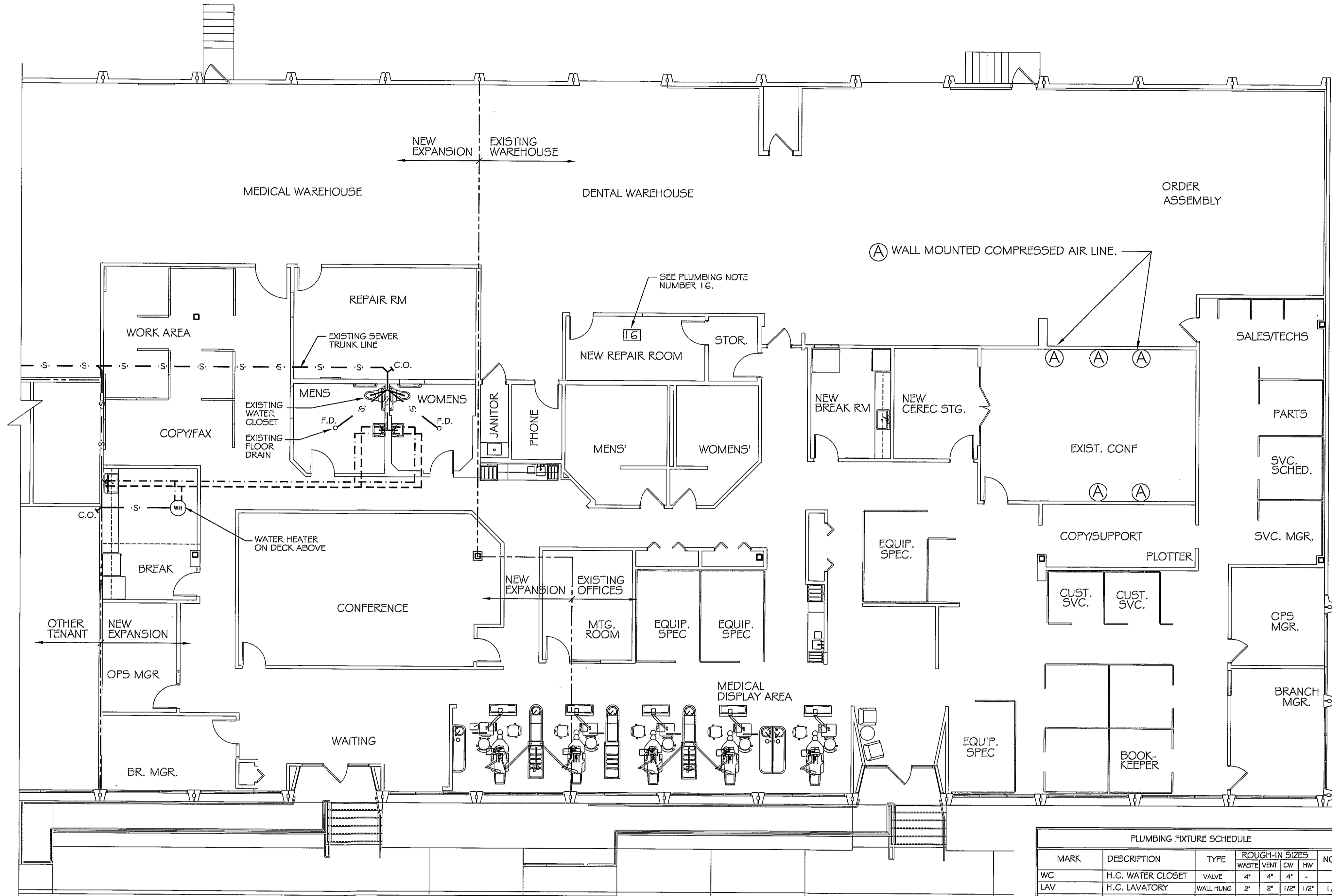


WALL CLEANOUT DETAIL
N.T.S.

T&P RELIEF PIPING. ROUTE FULL SIZE TO BUILDING EXTERIOR, TURN DOWN ALONG WALL AND SPILL ON GRADE. SLEEVE AND SEAL WALL PENETRATION WATER TIGHT AND VERMIN PROOF.



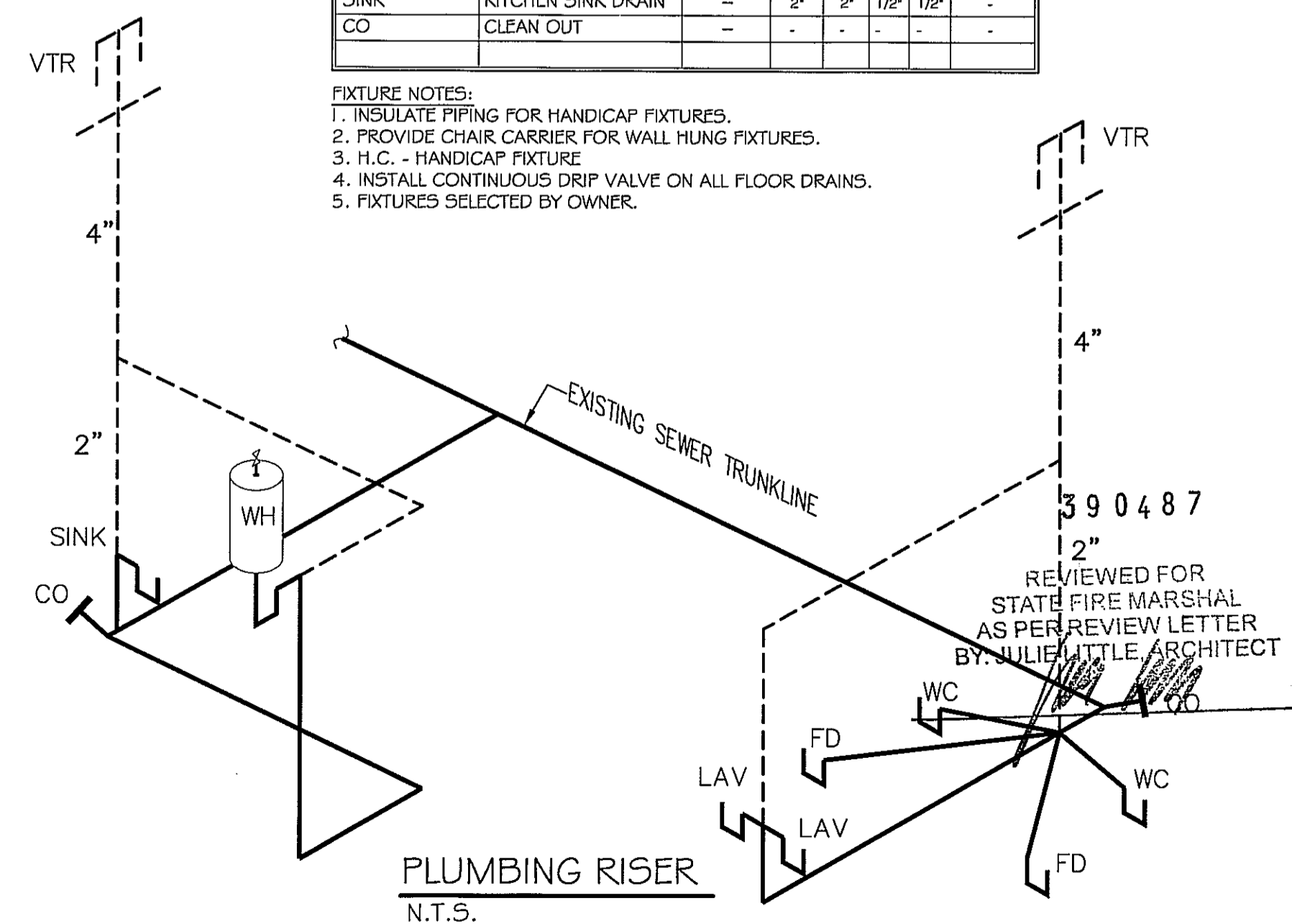
WATER HEATER DETAIL
N.T.S.



NEW PLUMBING PLAN
SCALE: 1/8" = 1'-0"

PLUMBING NOTES

1. PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT FOR A COMPLETE OPERATING SYSTEM. THE SYSTEM SHALL INCLUDE HOT AND COLD WATER PIPING, SEWER AND VENT PIPING, INSULATION, WATER HEATER, HANGERS, VALVES, SUPPORTS WITHOUT ANY RESTRICTIONS TO COLUMN. CUT AND PATCH AS REQUIRED TO INSTALL PIPES.
2. ALL WORK AND MATERIAL SHALL CONFORM STRICTLY TO THE LATEST LOCAL, CITY, PARISH, STATE AND NATIONAL GOVERNING CODES.
3. CONTRACTOR IS TO FIELD VERIFY ALL EXISTING UTILITY LOCATIONS, ELEVATIONS AND SIZES PRIOR TO COMMENCING ANY WORK. CONTRACTOR SHALL PAY NECESSARY FEES FOR THE UTILITIES CONNECTIONS.
4. CONTRACTOR IS RESPONSIBLE TO VERIFY THE EXISTING INVERTS AND SET NEW INVERTS OF SEWERAGE AND DRAINAGE PIPES.
5. SEWERAGE LINES 3-INCH AND SMALLER SHALL BE SLOPED 1/4" PER FOOT AND LINE 4-INCH AND LARGER SHALL BE 1/8" PER FOOT.
6. TEST ALL PIPING AT REQUIRED PRESSURE.
7. ALL PLUMBING SHALL BE CLOSELY COORDINATED WITH STRUCTURAL SYSTEM, MECHANICAL SYSTEM AND ELECTRICAL TO INSURE NO TRADES WILL CONFLICT WITH EACH OTHER.
8. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DOORS, WINDOWS, WALLS, FIXTURES, ETC.
9. ALL WATER MAINS AND PIPING NOT SHOWN FOR CLARITY, ALL LOCATIONS FIELD VERIFIED.
10. DOMESTIC HOT AND COLD WATER PIPING AND FITTINGS UNDER SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE K SOFT ANNEALED. NO JOINTS SHALL BE ALLOWED UNDER THE SLAB.
11. DOMESTIC WATER PIPING AND FITTINGS ABOVE THE SLAB SHALL BE ASTM B88 COPPER WATER TUBE, TYPE L. HARD DRAWN WITH COPPER PRESSURE TYPE FITTINGS, ANSI B16.22. THE JOINTS SHALL BE SOLDERED TYPING USING ASTM B32, ALLOY GRADE 95A (95-5) SOLDER.
12. SOIL, WASTE, VENT PIPING AND FITTINGS ABOVE THE SLAB SHALL BE SERVICE WEIGHT CAST IRON PIPE WITH BELL AND SPIGOT ENDS AND ONE PIECE NEOPRENE INSERT TYPE GASKET. USE PVC SCHEDULE 40 OR ABS DWV PIPES AND FITTINGS WHERE PERMITTED BY CODE.
13. ALL WATER PIPING AND FITTINGS ABOVE THE FLOOR SHALL BE INSULATED WITH 1/2" THICK FIBERGLASS INSULATION AND JACKET.
14. ALL ELECTRICAL, MECHANICAL AND PLUMBING PENETRATING FIRE PARTITIONS SHALL BE FIRE CAULKED. (PENETRATIONS THROUGH RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814.)
15. ALL PLUMBING LINES SHOWN ARE DIAGRAMATIC.
16. PROVIDE COMPRESSED AIRLINE 50 PSI TO (3) WALL LOCATIONS AND (7) FLOOR LOCATIONS IN 2" CONDUIT (COMPRESSOR BY TENANT), FROM THE REPAIR ROOM TO THE DISPLAY AREA TERMINATING IN ONE FLOOR LOCATION. (TO BE SIGHTED AND DETERMINED BY CLIENT)



PLUMBING RISER
N.T.S.

PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	TYPE	ROUGH-IN SIZES	NOTES
			WASTE VENT CW HW	
WC	H.C. WATER CLOSET	VALVE	4" 4" 4" -	3
LAV	H.C. LAVATORY	WALL HUNG	2" 2" 1/2" 1/2"	1, 2, 3
FD	FLOOR DRAIN	-	2" 2" -	4
WH	WATER HEATER DRAIN	-	2" 3/4" -	-
SINK	KITCHEN SINK DRAIN	-	2" 2" 1/2" 1/2"	-
CO	CLEAN OUT	-	- - -	-

- FIXTURE NOTES:**
1. INSULATE PIPING FOR HANDICAP FIXTURES.
 2. PROVIDE CHAIR CARRIER FOR WALL HUNG FIXTURES.
 3. H.C. - HANDICAP FIXTURE
 4. INSTALL CONTINUOUS DRIP VALVE ON ALL FLOOR DRAINS.
 5. FIXTURES SELECTED BY OWNER.