

THE BATES CONSTRUCTION NOTES

- 5) PENETRATIONS THROUGH FIRE PARTITION WALLS:
All metal penetrations through fire rated assemblies such as acoustical, smoke, window & etc. shall have fire resistance rating of 1/2 hr. of the rating of the subject wall unless otherwise specified in plans.
6) FIRE STOPS IN CONCRETE: In concrete floor slab each and totaling no greater than one-half the width of the opening, all cables, utility penetrations protection as follows:
a) ELECTRICAL BOXES OR APPARATUS SHALL HAVE 1/2 HR. FIRE RESISTANCE;
b) HAVE CO-WALL WHICH OFFERS AT LEAST 1/2 HR. FIRE RATING IS INSTALLED OR
c) BE PROTECTED BY APPROVED PUTTY AND CO.

7) FIRE STOPPING IN CONCRETE: All concrete walls shall be provided with 1/2 hr. fire stops or fire stops with co-liners of such type as dry set, fire retarding mortar or fire rating of 1/2 hr. per side. Fire shall be at least 1/2" thick and shall be securely attached to structure.

8) APPROVAL NUMBER: All electrical boxes and raceways shall be labeled with the above listed information.

9) EXHAUST FAN PENETRATIONS: Penetrations must be installed with strict compliance with NFPA 96-1999. All fire dampers, fire dampers penetrations shall be securely provided in accordance with a metal enclosure plate.

10) FIRE RATED DOORS -WALLS -PARTITIONS

TYPE OF DIVIDER	SOURCE WIRELESS RATING OBTAINED	WIRELESS RATING OF FIRE DOOR-SAFETY DEVICES
GLASS/DOOR (46.0)	3	3 (NOISE-REDUCING)
	8	120
	12	120
FIRE RATED/STAINLESS STEEL ENCLOSURE	1	1
OTHER FIRE BARRELS	1	0.75
WIRELESS RATING OF FIRE DOOR-SAFETY DEVICES		
Fire Partition		
CORRIDOR WALL	1	0.25
	4.50	3.31

1 329
LAWRENCE, KANSAS, PROJECT 2000, READING, GRADE ONE, PRE-PRIMER TO LEVEL 2

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- 11 USE PROPER DESIGN CHECKS, BENDING, UNDERPINNING, ETC. AS REQUIRED BY CONTRACTORS. IF IT IS THE CONTRACTOR'S ROLE RESPONSIBILITY TO DETERMINE DESIGN, THEY ARE RESPONSIBLE FOR THE DESIGN AND THIS REQUIREMENT PARTS OUTSIDE EXCUSE.
 - 12 MEETED REQUIREMENT TO ANY STRUCTURAL ELEMENTS SHALL BE MADE WITHOUT PRIOR APPROVAL BY THE DESIGNER. THIS INCLUDES BUT IS NOT LIMITED TO REVISIONS OR TO HED-LOCATIONS, NETTIE, OR ANY OTHER CONSTRUCTION METHODS.
 - 13 TRADE ALL VALVES HAVING CONSTRUCTION TO PREVENT DAMAGE FROM VIBRO, WATER, WATER PRESSURE OR CONSTRUCTION LOAD UNTIL ALL SUPPORTED ELEMENTS ARE IN BLACK AREA OR SUPERSTRUCTURE LENGTH.
 - 14 NO SPACERS SHALL BE PLACED IN ANY STRUCTURAL MEMBERS OTHER THAN AS DESCRIBED ON DRAWINGS AND APPROVED BY THE MECHANICAL THAT MADE THEM APPROPRIATE IN THE STRUCTURAL DESIGNER.
 - 15 PROVIDE SLEEVE LENGTH FOR ALL PIPES AND STRUCTURAL PENETRATIONS THROUGH STRUCTURAL MEMBERS OR CALL TRADES ME INCLUDED. LENGTHS HAVE TO BE SUBMITTED TO THE DESIGNER FOR APPROVAL PRIOR TO CONSTRUCTION.
 - 16 STRUCTURAL JACKINGS ARE TO BE DESIGNED AND USED IN CONJUNCTION WITH THE MECHANICAL, MECHANICAL, THERMAL AND ELECTRICAL SERVICES. SEE MECHANICAL ENGINEER FOR JACKPOINT PLATE, BASES, SUPPORTS AND NETT PENETRATIONS.
 - 17 EQUIPMENT SUPPORTS SHALL BE PROVIDED WHEREVER THEY ARE REQUIRED FOR THAT PURPOSE. IF NO SUPPORT HAS BEEN PROVIDED OR IF SUPPORT WAS REMOVED NETTIE, ENGINEER PERTAIN TO THE LOCATION OF EQUIPMENT WHEN PROBABLY BEFORE CONSTRUCTION, DESIGNER IS COMPLETE.

БИОВЕЛАНГС

- IN TRADITION OF QUOTATIONS SUCH THAT A TERM OF 10 DAYS IS ALLOWED FOR

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- 4) THE FRAMING SYSTEM USED SHALL CONFORM TO HIS SPECIFICATION FOR THE DESIGN OF
COLD-FORMED STRUCTURAL MEMBERS.

DATA COMPLIANCE NOTICE

- ALL MC EQUIPMENT SHALL BE ROTULATED IN STREET COMPLIANCE WITH FLORIDA BUILDING CODE-2004 CHAPTER 8 AND MANUFACTURER'S RECOMMENDATIONS.
 - IF A PARTICULAR TYPE OF ROTULY SIGN IS USED, COLOR, SIZE, UML, LUMINOSITY, ETC. IS PROVIDED BY MC AT CERT. TO MC BY THE AIR CARRIER.
 - ALL CLEAR FLOOR SPACES SHOWN IN PLANS SHALL BE PROVIDED WITHOUT ENCROACHMENT UNLESS SPECIFICALLY NOTED OTHERWISE.
 - IT IS THE RESPONSIBILITY OF BUILDER TO ORDER/INSTALL ADA COMPLIANT COMPONENTS.

H/C WATER COLOURS

- ④ SPOUT HEIGHT SHALL NOT EXCEED 34' MEASURED FROM FLOOR TO SPOUT OUTLET.
 - ⑤ SPOT SHALL BE LOCATED IN THE FRONT OF SPOT AND SEED STREAM OF HARVEST IN A NEARLY PARALLEL DIRECTION TO FRONT OF UNIT. WATER FLOW SHALL BE AT LEAST 4' KPH TO ALLOW INTRODUCTION OF CROP. IF A ROUND OR OVAL ROW IS USED THE FLOW OF WATER MUST BE WITHIN 1' OF FRONT EDGE OF UNIT.
 - ⑥ CONTROLS SHALL BE LOCATED IN FRONT OR IN LEFT EDGE NEAR FRONT EDGE. CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE HIGH STRENGTH, PESSIMING, OR TWISTING OF THE WRIST. CONTROL SHALL HAVE 0.1 LBS MAX SPREADING FORCE.

• [View Details](#)

- 17. IF THE EXPENSIVE FLOOR VALVE OF TOILET IS WALL-MOUNTED IN FRONT OF TOILET SO THAT
THEY AREN'T THEN A VALVE ROTATED TEE IS REQUIRED.
 - 18. SELECT PAPER DISPENSER SHALL BE STAINLESS STEEL AND INSTALLED VERTICALLY REACH TO
SHELF OR LIPSTICK. DISPENSERS THAT CONTROL DELIVERY OR NOT PERMIT CONTINUOUS
PAPER FEED SHALL NOT BE USED.
 - 19. SOAP & DRYER SHALL BE INSTALLED IN LOCATION AS DRAWN IN LAYOUT. ALL SHIPS DRY IN
ONE CONTAINER. SHALL BE 15% STAINLESS STEEL & BE SECURELY MOUNTED IN ANY
LOCATION.
 - 20. MIRRORS IN BATHROOM TO BE MATT PLATE GLASS AND HUNG BY HOOKS MOUNTED IN
ANY AREA.
 - 21. PROVIDE 18"X10"X3" STAINLESS STEEL TOWEL RACK ON WALL.
 - 22. IN STALLS, IF THE STALL ENDS EXCEEDS 8' CLEAR IN LENGTH THE FRONT PARTITION MUST BE AT
LEAST 12'-0" HIGH. PARTITION SHALL HAVE A 18" CLEARANCE IN ONE SIDE.

WE WATER CLIPSITE® TRAILERS?

- 44 VARIOUS PLATES SHALL HAVE HEIGHTS OF 1/4 TO 1 1/2 IN. TOP OF THERMOLITE SHEET PLATE SHALL
NOT BE SPANNED OR RETURN TO A LIFTED POSITION.**

FLUSH CONTROL C. SHALL BE MADE OPERATIVE FOR AUTOMATIC FLUSH. CONTROL VALVES SHALL BE PROVIDED ON THE VARIOUS TOILET AREAS AS HEREIN

- W/C BEERS CATHROOM & CCESS FOR ENTIRE BUILDING.**

10. RESTAURANT, WASH. BLDG. HAVING HIGH CEILING, BLDG. SHALL BE TILED EASILY AND SHALL NOT HAVE ANY EXPOSED CLEAN-UP SPACES OR ANY FURNITURE. BEERS WILL MAINTAIN A CLEAN STATE OF THE RESTAURANT. BEERS IS NOT OBLIGATED FROM FACE OF DOOR TO OPERATE AND CLOSER SERVICE WILL BE CALCULATED AS IF THREE A.M. IS THE TIME TO CLOSE.

1000 09043 PRACTICE SET 100 01 A

- 10.25 NOT FOR USE AS THE EXTRA TORQUE REQUIRED FOR LATCHING OPEN/HOLD**

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**10.26 INACCESSIBLE DEEP HANLES, PULL LATCHES, LEVERS, ETC. SHALL NOT REQUIRE TIME
PROOFING, TIGHT PROOFING OR TWISTING OF THE WALL TO OPERATE. THESE DEVICES SHALL
NOT REQUIRE MORE THAN 10-NEWTONS SPONTANEOUS DEVICE SHALL BE ROTATED BETWEEN
0° AND 45° MP.**

REASHE NO MORE THAN 120 LB TO EACH

- PVC COMPLIANT LAUNDRY TRAILER SHALL BE INSTALLED IN EACH STALL OF BATHROOM.
 - LAUNDRY TRAILER SHALL BE MOUNTED WITH ROLL OR COUNTER SURFACE HE RINGER THAT THE RTV SEALANT IS BETTER IF ROLL SHALL BE OF RTV ROLL.
 - HOT WATER SHOWER FAUCET UNDER LAUNDRY TRAILER SHALL BE INSULATED OR INSULATED TO PROTECT AGAINST CRACKS. THIS SHALL BE NO SHOWER. INSULATED SURFACE MUST BE LAUNDRY TRAILER.

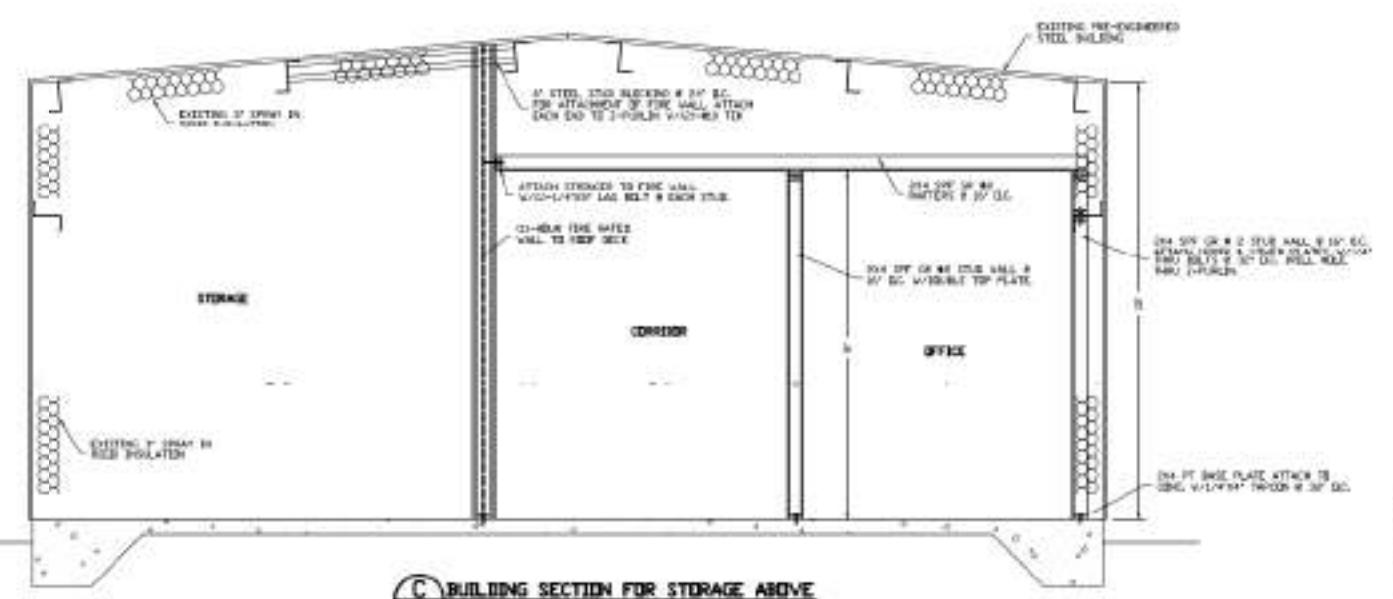
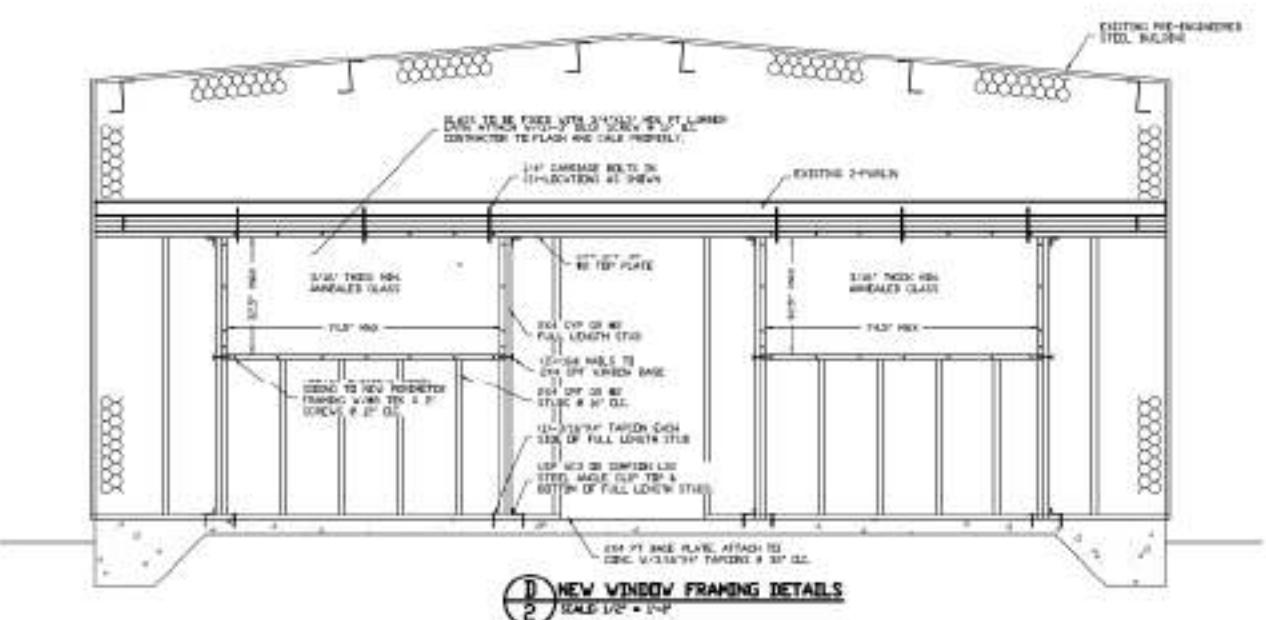
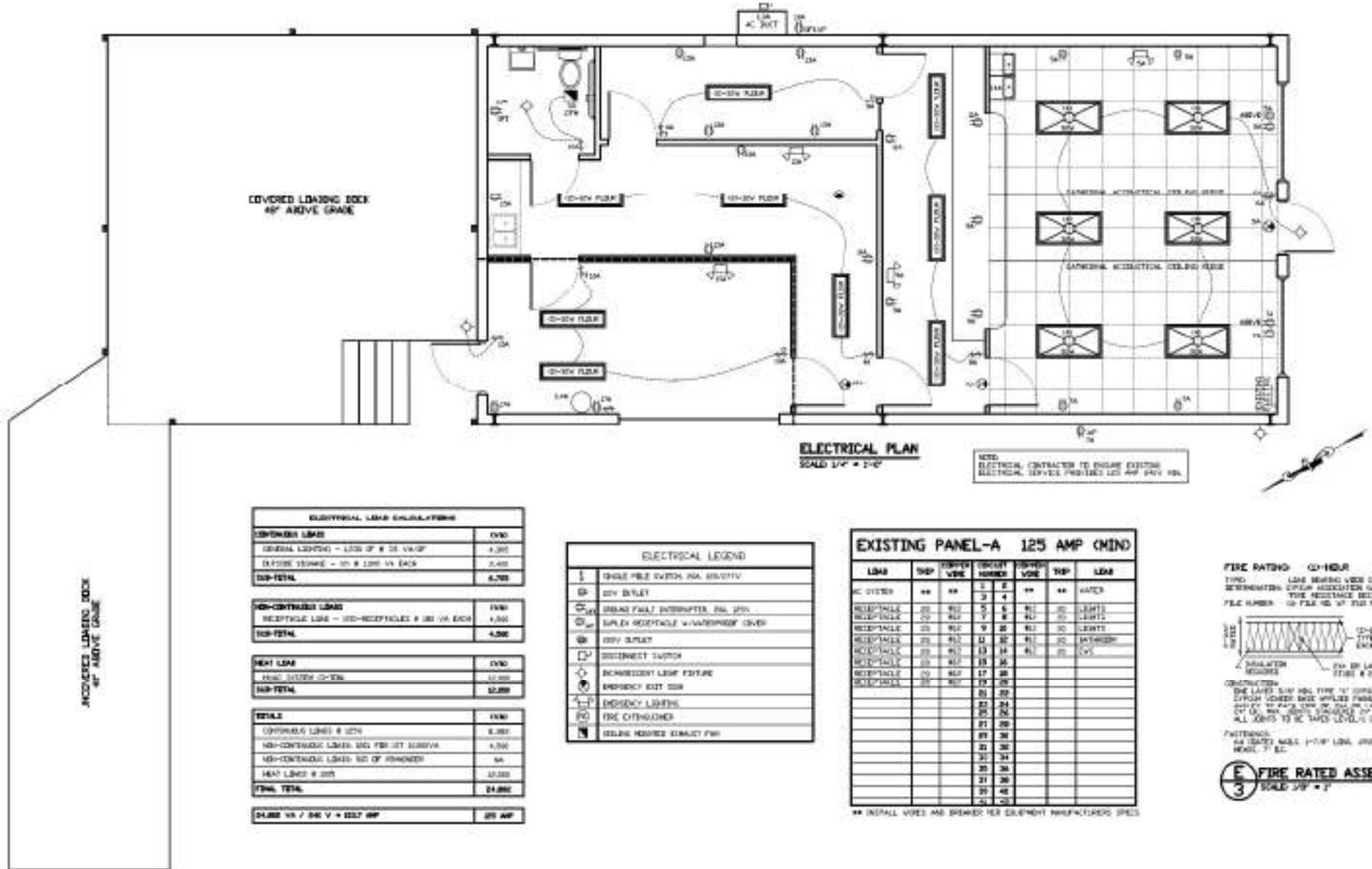
— 100% VEGAN & DAIRY-FREE —

- THESE SHALL BE NO LEADS IF SELF-CLOSING VALVES ARE INSTALLED. THE FAUCET IS TO
REMAIN OPEN FOR 10 SECONDS MAX.

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TABLE III
WEIGHTS FOR VARIOUS COMPONENTS

- | G-100 COMPLIANT CONFIDENTIAL RECORDS COMPLIANCE WITH THIS TABLE: | |
|--|--------------------------|
| A. EXPENSES | 30 AFT 0000 |
| B. EXPENSES | 31 AFT 0000 |
| C. TRAVEL-COMM. FLENSER | 41 AFT 0000 |
| D. TRAVEL-COMM. FLENSER | 42 AFT 0000 |
| E. TRAVEL TRAV. REIMBURSEMENT | 43 AFT 0000; 44 AFT 0000 |
| F. LIAISON EXP. | 34 AFT 0000 |
| G. BUSINESS EXPENSES | 35 AFT 0000 |
| H. TRAVEL EXPENSES | 36 AFT 0000 |
| I. TRAVEL EXPENSES | 37 AFT 0000; 41 AFT 0000 |
| J. TRAVEL EXPENSES | 38 AFT 0000; 41 AFT 0000 |
| K. TRAVEL EXPENSES | 39 AFT 0000 |
| L. PUBLIC TELEPHONES | 40 AFT 0000; 42 OF PINE |
| M. RECALCULATED EXPENSES | 42 AFT 0000; 43 AFT 0000 |



ELECTRICAL MACHINES

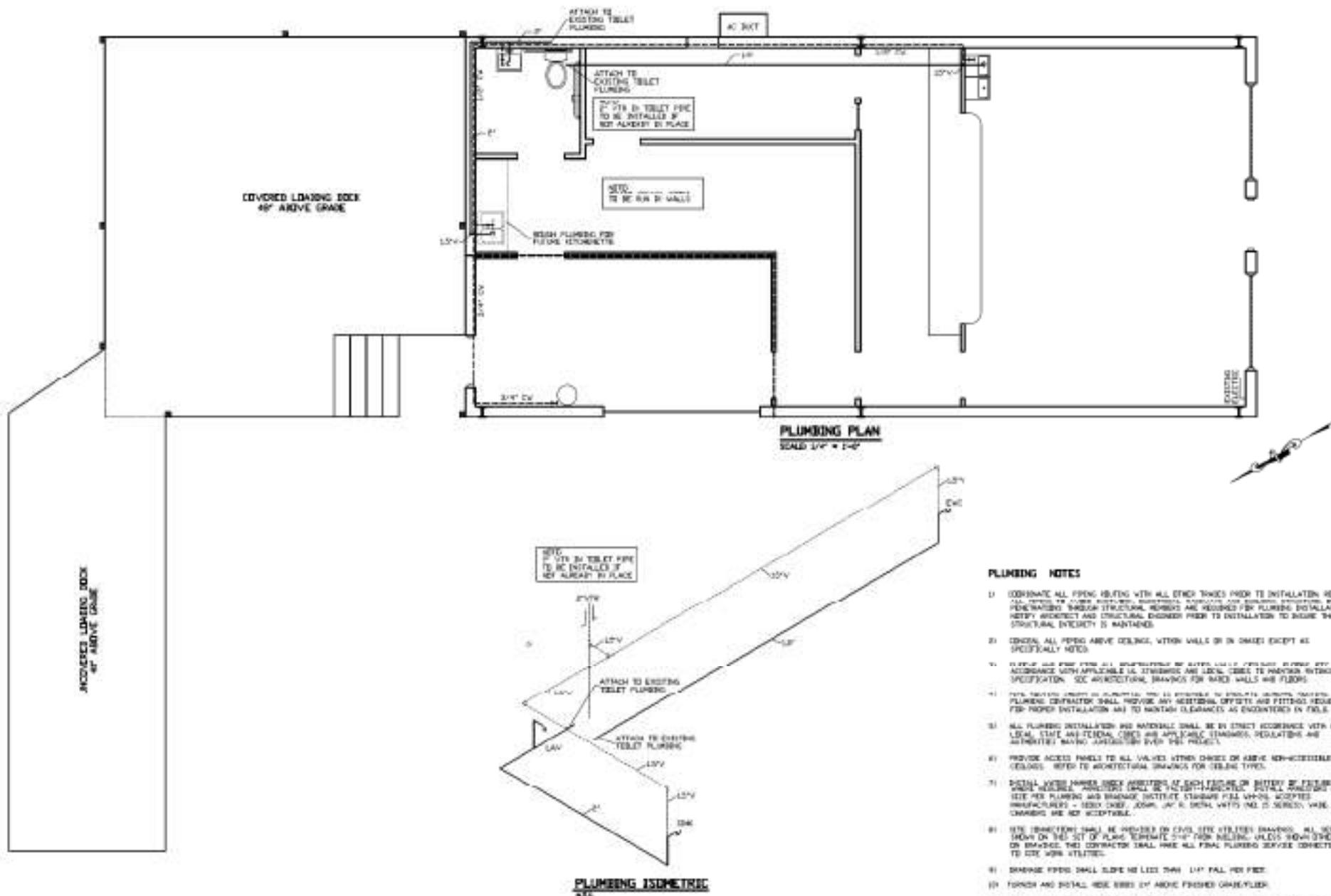
- 3. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND STATE, COUNTY, AND MUNICIPAL LEGAL CODE.
 - 4. ALL CONDUIT SHALL BE OFFER TRUNKING INSULATION.
 - 5. THE PREVIOUS ELECTRICAL SYSTEMS SHALL BE COMPLETELY AND EFFECTIVELY DISMANTLED AS PROVIDED BY THE LOCAL ELECTRICAL CODE. ALL REMAINING EQUIPMENT SHALL BE MECHANICALLY AND ELECTRICALLY SECURE AT MOUNTING POINT AND AT ALL WIRE MACHINERY FITTINGS AND EQUIPMENT. ALL EQUIMENT SHALL BE PROPERLY ALIGNED, SECURED AND SUPPORTED AT INTERVALS NOT EXCEEDING THE CODE REQUIREMENT OR TO THE SATISFACTION OF THE ENGINEER.
 - 6. ALL RACEWAYS SHALL BE PRINTED WITH EQUIPMENT GROUND CONDUCTOR.
 - 7. UPON COMPLETION OF WORK, CONNECT ALL PANEL, SERVICE CIRCUIT BREAKER PANELS TO SERVICE HUMPS CONNECTIONS.
 - 8. PRIOR TO DISMANTLING ANY AREA IN WHICH CONCRETE, PIPE, WIRES, OR OTHER UTILITIES EXIST, MAY BE DISLOCATED, TAKE ALL REASONABLE PRECAUTIONS TO DETERMINE THE PRESENCE OF SUBSTANCES, AND DEVELOP AN ALTERNATIVE PLAN IF RETENTION TO AVOID DAMAGE. EXCAVATION SHALL BE AT HAUL POINT UNTIL THE CONTRACTOR IS SATISFIED THAT FOR ANY REASON NO COATING, STAINLESSES OR OTHER SITE FEATURES CAUSE IN THE WORK.
 - 9. ADVISE THE OWNER IN WRITING, THROUGH THE GENERAL CONTRACTOR AND ENGINEER OF ANY HAZARDOUS ELECTRICAL CONDITIONS ASSOCIATED DURING THE COURSE OF THE WORK. HAVE THIS NOTIFICATION IN WRITING IN THE SURVEYOR'S LOG.
 - 10. VERIFY CONDUIT LINES INDICATED ON THE DRAWINGS FOR TELEPHONE SYSTEMS WITH THE DESIGNER, PROVIDE TO DESIGNER MATERIAL LIST REFERRING RELATED WORK, ESTABLISH JUNCTION POINT/OUTLET BOX SIZES AND LOCATIONS FOR THESE SYSTEMS WITH THE APPROPRIATE SUPPLIER PRIOR TO ORDERING MATERIAL OR PERFORMING RELATED WORK.
 - 11. FOR TELEPHONE SYSTEMS, REFER TO THE APPROPRIATE AUTHORITY (NATIONAL ELECTRICAL CODE) FOR THE REQUIREMENTS FOR ALL WORK AND/OR CONDUIT INDICATED IN THE PLANS AND SPEC.
 - 12. FROM TELEPHONE BACK BENCH PROVIDED AN DMX (DANTE) LINE IS PROVIDED WITH FULL CODE STUBBLES OF 10' EACH WHICH ARE CONNECTED TO THE ELECTRICAL SYSTEM OR PROPERTY LINE. GND/BREAKER IS CONNECTED TO THE TELEPHONE COMPANY.
 - 13. EXIT SIGNS AND THROUGHT LIGHTS ARE CONNECTED TO THE LINE SIDE OF SWITCHES.
 - 14. PROVIDE CIRCUIT AND REEDS FOR CONTROL VOLUME AS REQUIRED.
 - 15. ALL FIRM CONNECTIONS TO LIGHTS AND SUSPENDED CEILING SHALL BE MADE WITH FLUORESCENT CONDUIT, USE WATERPROOF FLUORESCENT TUBE WITH GLASS OR METAL GUARD.
 - 16. ALL ELECTRICAL EQUIPMENT EXPOSED OR IN WET LOCATIONS SHALL BE IN NEON-DR. WATERPROOF PROTEC.

ELECTRICAL PLAN

CHANGE OF OCCUPANCY
CITRUS COUNTY, FL

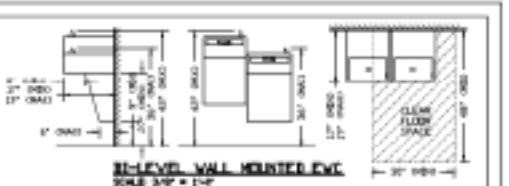
JOB NAME _____

Daniel F. Ardito, P.E.	DATE:	7/2/07
Professional Engineer	Signature:	
2644 S. PLAINFIELD PL.	Date:	2006
LEMONT, IL 60436	CDI-HANDOUT	200-10K
(708) 929-4920	Phone:	(708) 929-4920



PLUMBING NOTES

1. COORDINATE ALL PIPING RELATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. NOTE: ALL PIPING TO CLOTHES WASHERS, DISHWASHERS, AND KITCHEN SINKS, ETC. PENETRATING THROUGH STRUCTURAL MEMBERS ARE REQUIRED BY PLUMBER INSTALLATION. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO INSTALLATION TO INSURE THAT STRUCTURAL INTEGRITY IS MAINTAINED.
2. GENERAL: ALL PIPING ABOVE CEILING, WITHIN WALLS OR IN DRAWS (EXCEPT AS SPECIFICALLY NOTED).
3. CLOTHES LINE PIPE: FOR ALL PENETRATION BY AUTOMATIC CLOTHES DRYERS, ETC. IN ACCORDANCE WITH APPLICABLE UL LISTINGS AND LOCAL CODES TO MAINTAIN INTACT SEE SPECIFICATION. SEE ARCHITECTURAL DRAWINGS FOR DRAWS WALL AND FLOORS.
4. TUB, SHOWER, AND LAUNDRY: SEE APPENDIX FOR DRAWS WALL AND FLOOR PENETRATIONS. PLUMBER CONTRACTOR SHALL PROVIDE ANY NECESSARY OFFSETS AND FITTINGS REQUIRED FOR PROPER INSTALLATION AND TO MAINTAIN CLEARANCES AS ENCODED IN THIS DRAWING.
5. ALL PLUMBER INSTALLATION AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL CODES AND APPLICABLE STANDARDS, REGULATIONS AND AUTHORITY HAVING JURISDICTION OVER THIS PROJECT.
6. PROVIDE ACCESS PANELS TO ALL VALVES WITHIN DRAWS OR ABOVE NON-HICKEABLE CEILINGS. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.
7. DRAWS: DRAWS MUST HAVE ACCESS AT EACH END OF DRAWS BY PLUMBER CONTRACTOR. ALL DRAWS MUST BE APPROVED BY PLUMBER AND BRIDGESTITUTE STAFF AND WILL NOT BE ACCEPTED UNLESS MANUFACTURER'S SPECIFICATIONS ARE MET. DRAWS MUST BE SERVED, VALVE AND CHECKS ARE NOT ACCEPTABLE.
8. SITE DRAWDROPS SHALL BE PROVIDED ON CIVIL SITE UTILITIES DRAWINGS. ALL DRAWDROPS SHOWN ON THIS SET OF PLANS TERMINATE SHOT FROM BUILDING VENTS DOWN STREAM. ON DRAWINGS, THE CONTRACTOR SHALL PROVIDE ALL FINAL PLUMBER SERVICE CONNECTIONS TO CIVIL WORK UTILIZED.
9. DRAWDROPS SHALL SLOPE NO LESS THAN 1/4" FALL PER FEET.
10. FURNISH AND INSTALL DRAWDROPS IN ABOVE FINISHED GRADE/CEILINGS.
11. SEE ARCHITECTURAL DRAWINGS FOR EXACT PLUMBER FAUCET LOCATIONS, MOUNTING HEIGHTS, DIMENSIONS, AND MATERIALS REQUIREMENTS.
12. VERIFY DRAWDROPS AND EXACT LOCATION OF DRAWS TO WHICH NEW DRAWDROPS ARE TO BE CONNECTED BEFORE INSTALLATION.
13. PLUMBER CONTRACTOR SHALL ROTATE DRAWDROPS DRAWS AT ALL CORNERS OF EXTERIOR METALS.
14. ROUGH-IN VAULTS ARE SUPPLIED TO SPECIAL EQUIPMENT IN STREET HOUSING WITH MANUFACTURER REQUIREMENTS AND HAVE FINAL CONNECTORS. ALL SUPPLIES SHALL BE VAULTS. INSTALL VAULT BREAKER WHERE REQUIRED BY CODE.
15. IF WATER CLOSET PENETRATES IN EXTERIOR WALL, DRAWDROPS SHALL BE PROVIDED IN THE VAULT. THE VAULT IS TO BE LOCATED IN THE DRAWDROPS DRAWS AT THE POINT OF PENETRATION.
16. DO NOT PENETRATE WALL PENETRATES WITH PIPING. UNLESS ABSOLUTELY NECESSARY, COORDINATE WITH GENERAL CONTRACTOR TO DRILL PENETRATES FOR CLOTHES DRYER WALL PENETRATIONS.
17. AFTER SETTING MANTLES, CAREFULLY CHECK THE JACKET BETWEEN FAUCET AND VALVE UP-TO-DATE.
18. ALL COLD WATER FAUCETS MUST MATCH IT UNTIL ABOVE GRADE SHALL BE TYPE "C" FAUCET. FAUCET LEADS CONNECTED TO FAUCET WITH SWIVEL FITTING AND TYPE "C" FAUCET LEAD PIPE TO FAUCET.
19. ALL SANITARY, COLD, HOT, WASTE AND DRAINAGE LINES SHALL BE KN. CERAMIC OR PVC OR AS REQUIRED FOR A SPECIFIC USE.
20. INSTALL EXPANSION/SHRINK CLIPS ON ALL EXPOSED WALL AND CEILING PIPE PENETRATIONS.
21. INSTALL ALL ELEMENTS AS SHOWN AND IN AS REQUIRED BY CODE.
22. TESTS: SHALL BE AS FOLLOWING:
SANITARY LINES: TEST SYSTEM WITH A MIN. UNIT HYDROSTATIC PRESSURE FOR A MIN. OF 10-40PSI.
COLD/WATER FAUCET TEST SYSTEM WITH A MIN. OF 100 PS HYDROSTATIC PRESSURE FOR A MIN. OF 10-40PSI.



2-LVEL. WALL-MOUNTED EWC
SCALE 1/4" = 1'-0"

"IF 27" FAUCET IS USED,
17" CLEAR FLOOR SPACE
IS REQUIRED IN CERTAIN LOCATIONS."

TYPICAL EWC LAYOUT



ACCEPTABLE ADA-COMPLIANT TOILETS
SCALE 1/4" = 1'-0"



ADA FAUCET NOTES:

1. ALL REQUIRED ADA FAUCETS SHALL BE CERTIFIED BY MANUFACTURER TO BE ADA COMPLIANT.
2. SEE ADA NOTES FOR REQUIRED DRAWDROPS LEADS.

ADA FAUCETS