

southwest grill TM

Moe's of Lake City Columbia County Lake City, FL In-Fill of an Existing Building

PROJECT DATA	
PROJECT DESCRIPTION	□ NEW □ ADDITION □ ALTERATION ■ SHELL IN-FILL
OCCUPANCY USE GROUP	A-2 (per FLBC - 2001)
CONSTRUCTION TYPE	V (5)
BUILDING AREA	NA
MEZZANINE AREA	NA
SEASONAL PATIO AREA	NA
TENANT AREA	2384 SQ. FT.
HIGH BUILDING	NA
NUMBER OF STORIES	ABOVE GRADE 1 BELOW GRADE 0
FIRE ALARM REQUIRED	■YES □NO
SPRINKLER SYSTEM PROPOSED	■ ENTIRE BUILDING □ BASEMENT ONLY □ NOT REQUIRED
OCCUPANT LOAD CALCULATION	Net Sales Area: 1229 sqft Fixed Seating: 249 sqft Un-concentrated Seating: 980 sqft Fixed Seating Calculation (1 occupant per seat) = 44 Actual Un-concentrated Seating Calculation (980sqft ÷ 15net) = 65 Allowable = 30 Actual
TOTAL LOAD CALCULATION	= 109 Allowable = 74Actual

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APPLICABLE REGULATIONS

FLBC- Florida Building Code 2001 - Edition Florida Plumbing Code- 2001 Ed. Florida Mechanical Code- 2001 Ed. National Electric Code- 1999 Ed. Florida Fire Prevention Code- 2001 Ed.

ADAAG- Americans With Disabilities Accessiblity Guidelines Uniform Federal Accessibility Standards

ANSI A117.1, 1986 Safety Glazing Materials Act

DRAV	VING IND	EX
1	CS-1	Cover Sheet
2	CS-2	General Specifications
3	CS-3	General Specifications
4	A-0	Not Used
5	A-1	Floor Plan
6	A-2	Interior Elevations
7	A-3	Millwork Details
8	A-3a	Millwork Details
9	A-4	Sections and Details
10	A-5	Sections and Details
11	F-1	Finish Plan
12	F-2	Reflective Ceiling Plan
13	K-1	Equipment Plan
14	K-2	Equipment Schedule
15	K-3	Equipment Notes
16	LS-1	Life Safety Plan



4 Dzines, LLC 3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977.9996

F.770.579.0643





Revis	sions:		
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MOE'S of Lake City Columbia County Lake City, FL

Sheet #:

Sheet Description: **Cover Sheet**

Project #: D00630-S04

Date: 10.28.04 Scale: 1/4"=1'-0"



GENERAL NOTES

- 1. THE GENERAL CONTRACTOR (G.C.) SHALL BE REQUIRED TO INSPECT EXISTING CONDITIONS AND VERIFY WORK TO BE PERFORMED. IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO PROMPTLY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN FIELD CONDITIONS AND DRAWINGS. FAILURE TO FIELD VERIFY DIMENSIONS PRIOR TO PLACING PERMANENT WALLS OR FIXTURES OR ORDERING FABRICATIONS, MATERIALS OR EQUIPMENT WILL MAKE THE G.C. RESPONSIBLE FOR COSTS OF NECESSARY ADJUSTMENTS.
- 2. G.C. TO VERIFY ALL DIMENSIONS AT THE JOB SITE AND REPORT ANY DISCRE-PANCIES TO THE ARCHITECT OR OWNER'S REPRESENTATIVE. G.C. IS RESPON-SIBLE FOR THE PROPER FIT AND INSTALLATION OF ALL WORK SHOWN ON THESE DRAWINGS. ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY FABRICATION OR INSTALLATION TECHNIQUES PROVIDED BY THE G.C. OR ANY OF HIS SUB-CONTRACTORS.
- 3. ALL WORK SHALL BE PERFORMED IN STRICT COMPLIANCE WITH GOVERNING FEDERAL STATE AND LOCAL CODES. FAILURE TO DO SO WILL MAKE THE G.C. RESPONSIBLE FOR ANY SUBSEQUENT CHANGES TO THE WORK.
- 4. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACCEPTED INDUSTRY STAN-DARDS. ALL WORK SHALL BE DONE IN A WORKMANLIKE MANNER AND IN ACCORDANCE WITH ACCEPTED CONTRACTION STANDARDS. ALL CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH PLANS AND SPECS UNLESS A VARIANCE IS APPROVED BY OWNER OR LANDLORD
- 5. THE G.C. SHALL BE RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS, CERTIFICATES OF OCCUPANCY, AND ANY APPROVALS NECESSARY FOR CONSTRUCTION OF THE PROJECT PRIOR TO ORDERING ANY MATERIALS, FABRICATIONS, OR BEGINING ANY PERMANENT CONSTRUCTION. IT WILL BE THE RESPONSIBILITY OF THE G.C. TO ENSURE ALL WORK IS PROPERLY PERMITTED AND INSPECTED IN ACCORDANCE WITH LOCAL LAWS AND PROCEDURES.
- 6. THE G.C. SHALL COORDINATE ALL RELATED TRADES AND VENDORS SO AS TO ACHIEVE SUBSTANTIAL COMPLETION ON A TIMELY BASIS. THE G.C. SHALL BE RESPONSIBLE FOR A COMPLETE AND OPERATIONAL BUILDING, INCLUDING ALL FINISHES, MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS.
- 7. HANDICAP LAW REQUIREMENTS:
 - A. MOE'S SOUTHWEST GRILL CERTIFIES THAT, TO THE BEST OF OUR PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF FOR THE SCOPE OF THE WORK HEREIN PERMITTED, THESE PLANS HAVE BEEN PREPARED IN CONFORMITY WITH THE AMERICANS WITH DISABILITIES ACT 'GUIDELINES FOR BUILDINGS AND FACILITIES' AS PRINTED IN THE FEDERAL REGISTER VOL. 58 NO. 144 FROM JULY 28, 1991.
 - B. PROVIDE LEVER ACTION HARDWARE & FIXTURES AS REQUIRED TO MEET HANDICAP CODES.
 - C. IF APPLICABLE, INSTALL ANY TOILET FIXTURES AS REQUIRED BY ADA GUIDELINES.
- 8. THE CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION AND IS RESPONSIBLE FOR SAFETY PRECAUTIONS NECESSARY TO PROTECT THE PUBLIC AND HIS EMPLOYEES.
- 9. ERECT AND REMOVE ANY CONSTRUCTION BARRICADES THAT MAY BE REQUIRED TO PREVENT DAMAGE AND/OR DANGER TO THE PUBLIC DURING CONSTRUCTION.
 BARRIERS SHALL SATISFY LOCAL, STATE AND NATIONAL SAFETY CODES.
- 10. THE G.C. SHALL CARRY LIABILITY INSURANCE AS REQUIRED BY LAW OR OWNER. INCLUDE SAME IN BID.
- 11. ALL FLOOR FINISHES (INCLUDING CERAMIC TILE, QUARRY TILE AND WOOD) TO BE LEVEL AND FLUSH AT INTERSECTIONS.
- 12. CEILING SUSPENSION SYSTEM TO BE CONNECTED TO STRUCTURAL MEMBERS OR ADDITIONAL SUPPORTS ABOVE. DO NOT ATTACH TO UNDERSIDE OF ROOF DECK.
- 13. TRIM WALK-IN COOLERS TO WALLS VERTICALLY AND HORIZONTALLY.

- 14. PRIOR TO INSTALLING SHELVING IN WALK-IN COOLER, G.C. TO WASH DOWN (SPONGE) THE INTERIOR THREE (3) TIMES WITH A SOLUTION OF 50% VINEGAR AND 50% WATER.
- 15. G.C. TO PROVIDE TO STORE MANAGER ORIGINAL WARRANTY DOCUMENTS ON ALL OPERABLE ITEMS INCLUDING A/C SYSTEM. EXHAUST AND VENT FANS, WATER HEATER, ETC. ALSO INSURE THAT ALL SYSTEMS-MECHANICAL, ELECTRICAL, LIGHTING, PLUMBING, SPRINKLERS IF REQUIRED, ETC. ARE ALL IN PROPER WORKING ORDER BEFORE TURNING OVER BUILDING. THE GENERAL CONTRACTOR SHALL INSTRUCT AND EDUCATE MOE'S STORE MANAGER IN THE PROPER OPERATION AND MONITORING OF ALL OPERATIONAL SYSTEMS.
- 16. SITE SHALL BE CLEANED AT END OF PROJECT. REMOVE DUST, DEBRIS, OILS, STAINS, FINGERPRINTS AND LABELS FROM EXPOSED FINISHED SURFACES, INCLUDING GLAZING AND BLINDS.
- 17. CONTRACTORS SHALL BE RESPONSIBLE FOR THEIR OWN TRASH REMOVAL AND LEGAL DISPOSAL DURING CONSTRUCTION.
- 18. THE GENERAL CONTRACTOR (G.C.) TO COORDINATE, ARRANGE, ASSIST WITH THE DELIVERY, UNLOADING, HANDLING, STORAGE, INSTALLATION, PROTECTION OF ALL SUPPLIES, EQUIPMENT, SUBCONTRACTORS, VENDORS, ETC. THAT MAY BE REQUIRED FOR THE COMPLETION AND OPERATIONS OF THE STORE. THIS INCLUDES BUT IS NOT LIMITED TO TELEVISIONS, SOUND SYSTEMS COMPUTER EQUIPMENT, ALL STORE FIXTURES AND EQUIPMENT, OFFICE SUPPLIES AND EQUIPMENT, BEER DISTRIBUTION SYSTEMS, CARBONIC EQUIPMENT, SECURITY SYSTEMS AND ANY OTHER ITEMS AS MAY BE REQUIRED BY THE MOE'S REP.
- 19. THE GENERAL CONTRACTOR (G.C.) TO PROVIDE OFFICE TRAILER FOR MOE'S AN OFFICE AND PERSONNEL DURING, CONSTRUCTION AND BE RESPONSIBLE FOR SAME.
- 20. THE GENERAL CONTRACTOR (G.C.) TO PROVIDE STORAGE TRAILERS AS MAY BE REQUIRED FOR ANY TEMPORARY STORAGE OF MOE'S SUPPLIES AND/OR EQUIPMENT.
- 21. THE GENERAL CONTRACTOR (G.C.) TO PROVIDE PROOF OF INSURANCE AS LISTED BELOW:
 The following indicates the insurance coverages required from all service vendors and contractors while on the premises:

TYPES OF INSURANCE

LIMITS

EXCIESS LIABILITY

1,000,000 Combined Single Llmit

WORKER'S COMPENSATION & EMPLOYER'S LIABILITY

1,000,000 Combined Single Llmit

GENERAL LIABILITY

3,000,000 Umbrella Form

AUTOMOTIVE LIABILITY

Statutory Limits

CERTIFICATES MUST BE ON FILE PRIOR TO ANY WORK BEING SCHEDULED.

- THE GENERAL CONTRACTOR (G.C.) TO PROVIDE INFORMATION AS MAY BE REQUESTED BY THE MOE'S REP TO SUBSTANTIATE QUALIFICATIONS TO COMPLETE ALL WORK IN A TIMELY MANNER PER MOE'S STANDARDS. FINANCIAL QUALIFICATIONS AND PERFORMANCE BOND REQUIREMENTS WILL BE REQUIRED AT THE SOLE DISCRETION OF THE MOE'S REP.
- 23. COORDINATE ALL DETAILS TO INSURE ALL ELECTRICAL, MECHANICAL, PLUMBING, ETC. INSTALLED PER NEW FLOOR PLAN.
- THE INTENT OF THE PLANS AND SPECIFICATIONS, INCLUDING THE "MOE'S RESTAURANT CONSTRUCTION SPECIFICATIONS AND CONTRACTOR REQUIREMENTS", IS TO INSURE THE DELIVERY TO MOE'S SOUTHWEST GRILL BY THE CONTRACTUALLY OBLIGATED CONTRACTOR AND ALL CONTRACTURALLY OBLIGATED SUBCONTRACTORS A COMPLETE, APPROVED AND OPERATIONAL RESTAURANT FACILITY BY THE SPECIFIED DATE.

 MOE'S SOUTHWEST GRILL WILL NOT BE RESPONSIBLE FOR ANY ADDITIONAL COSTS ABOVE THE CONTRACT PRICE AGREED UPON WITH THE OWNER OF THE PROPERTY AND FACILITY AFTER THE START OF WORK BY ANY CONTRACTOR DUELY AUTHORIZED TO WORK ON THE SITE AND OR FACILITY. GENERAL CONTRACTOR WILL BE SOLELY RESPONSIBLE FOR ANY OVERTIME AS REQUIRED TO DELIVER THE RESTAURANT FOR THE OPENING DATE.
- 25. THE GENERAL CONTRACTOR (G.C.) TO PROVIDE ALL SHOP DRAWINGS TO MOE'S REP. PRIOR TO CONSTRUCTION FOR REVIEW AND APPROVAL.
- 26. A COPY OF THE CITY APPROVED PLANS SHALL REMAIN ON THE JOB SITE FOR THE DURATION OF ALL CONSTRUCTION.

27. CONTACT INFORMATION:
Coke- Wendy Denison (404) 526-3592
Lighting- Dave Irwin (404) 872-3521
Interior Signs- Norma Rosen (404)870-6672
Need contact for exterior patio furniture. (GA. Backyard)
All Flooring- Certified Finishes David Dendy (770) 326-6609
POS System- Rod Kitchens (770) 335-0832
Tea Royal Cup- Bill Hicks (770) 739-2810
Banners Signs By Tomorrow- (404) 605-0550
Co2 NuCo- Kris Kane (800) 472-2855 x3635



4 Dzines, LLC

3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977.9996 F.770.579.0643

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Client



Seal Area



Revisions:

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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description:

Cover Sheet - 2

Project #: D00630-S04

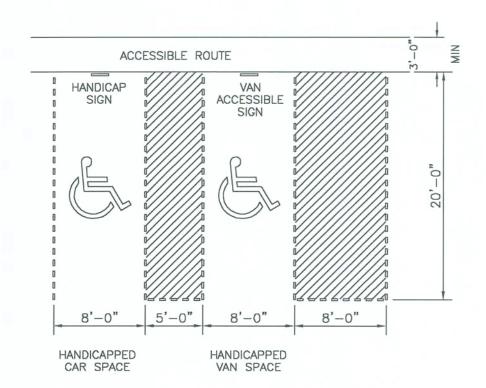
Sheet #:

Date: 10.28.04

Scale: 1/4"=1'-0"

Designer: MEB

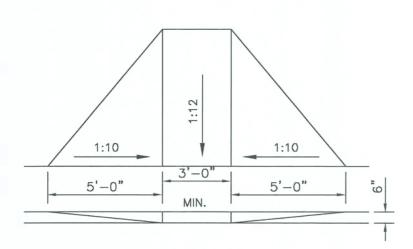
CS-2



DIMENSIONS OF PARKING SPACES

ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ACCESIBLE ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE. IN PARKING FACILITIES THAT DO NOT SERVE A PARTICULAR BUILDING, ACCESSIBLE PARKING SHALL BE LOCATED ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE PARKING FACILITY. IN BUILDINGS WITH MULITIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO ACCESSIBLE ENTRANCES.

ACCESSIBLE PARKING SPACES SHALL BE AT LEAST 96 in.(2440 mm) WIDE. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH 4.3. TWO ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE. PARKED VEHICLE OVERHANGS SHALL NOT REDUCE THE CLEAR WIDTH OF AN ACCESSIBLE ROUTE. PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 1:50 (2%) IN ALL DIRECTIONS.



HANDICAP RAMP DETAIL

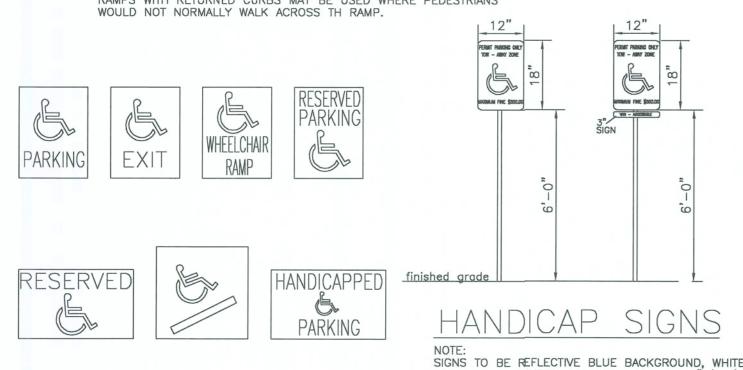
CURB RAMPS COMPLYING WITH 4.7 SHALL BE PROVIDED WHEREVER AN ACCESSIBLE ROUTE CROSSES A CURB.

SLOPES OF CURB RAMPS SHALL COMPLY WITH 4.8.2. THE SLOPE SHALL BE MEASURED PER DETAIL. TRANSITIOINS FROM RAMPS TO WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES. MAXIMUM SLOPES OF ADJOINING GUTTERS & ROAD SURFACES IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT EXCEED 1:20.

THE MINIMUM WIDTH OF A CURB RAMP SHALL BE 36 in. (915 mm). EXCLUSIVE OF FLARED SIDES.

4.7.4 SURFACE. SURFACES OF CURB RAMP SHALL COMPLY WITH 4.5.

4.7.5 SIDES OF CURB RAMPS. IF A CURB RAMP IS LOCATED WHERE PEDESTRIANS MUST WALK ACROSS THE RAMP, OR WHERE IT IS NOT PROTECTED BY HANDRAILS OR GUARDRAILS, IT SHALL HAVE FLARED SIDES: THE MAXIMUM SLOPE OF THE FLARE SHALL BE 1:10 (SEE DETAIL). CURB RAMPS WITH RETURNED CURBS MAY BE USED WHERE PEDESTRIANS



LETTERING & SYMBOL, LETTERING MIN. OF 1" (TYP) VAN ACCESSIBLE SIGN TO BE MOUNTED JUST BELOW STD. HC. SIGN IN LOCATIONS DENOTED ON SITE PLANS, COLORING TO MATCH HC SIGN ACCESSIBLE PARKING SPACES SHALL BE DESIGNATED AS RESERVED BY A SIGN SHOWING THE SYMBOL OF ACCESSIBILITY (SEE EXAMPLES) SPACES COMPLYING WITH 4.1.2(5)(b) SHALL HAVE AN ADDITIONAL

ACCESSIBILITY. SUCH SIGNS SHALL BE LOCATED SO THAT THEY CANNOT BE OBSCURRED BY A VEHICLE PARKED IN THE SPACE.

SIGN "VAN ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF

4.16 WATER CLOSETS.

4.16.1 GENERAL ACCESSIBLE WATER CLOSETS SHALL COMPLY WITH 4.16.

4.16.2 CLEAR FLOOR SPACE. CLEAR FLOOR SPACE FOR WATER CLOSETS NOT IN STALLS
SHALL COMPLY WITH FIG. 28. CLEAR FLOOR SPACE MAY BE
ARRANGED TO ALLOW EITHER A LEFT—HANDED OR RIGHT—HANDED

4.16.3 HEIGHT. THE HEIGHT OF WATER CLOSETS SHALL BE (17) SEVENTEEN INSHES TO (19) NINETEEN INCHES, MEASURED TO THE TOP OF THE TOILET SEAT (SEE FIG. 29(b)). SEATS SHALL NOT BE SPRUNG TO RETURN TO A LIFTED POSITION.

4.18.4 GRAB BARS. GRAB BARS FOR WATER CLOSETS NOT LOCATED IN STALLS SHALL COMPLY WITH 4.26 AND FIG. 29. THE GRAB BAR BEHIND THE WATER CLOSET SHALL BE (36) THIRTY-SIX INCHES MINIMUM.

4.26 HANDRAILS AND SHOWER SEATS.

ALL HANDRAILS, GRAB BARS, AND TUB AND SHOWER SEATS REQUIRED TO BE ACCESSIBLE BY 4.1, 4.8, 4.9, 4.16, 4.17, 4.20 OR 4.21 SHALL COMPLY WITH 4.26.

4.26.2 SIZE AND SPACING OF GRAB BARS AND HANDRAILS. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A HANDRAIL OR GRAB BAR SHALL BE 1-1/4" TO 1-1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. IF HANDRAILS OR GRAB BARS ARE MOUNTED ADJACENT TO A WALL. THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2" (SEE FIG. 39(a), (b), (c) AND (e). HANDRAILS MAY BE LOCATED IN A RECESS IF THE RECESS IS A MAXIMUM OF 3" DEEP AND EXTENDS AT LEAST 18" ABOVE THE TOP OF THE RAIL.

ACCESSIBLE TOILET STALLS SHALL BE ON AN ACCESSIBLE ROUTE

WATER CLOSETS IN ACCESSIBLE STALLS SHALL COMPLY WITH 4.16.

4.17.3 SIZE AND ARRANGEMENT.
THE SIZE AND ARRANGEMENT OF THE STANDARD TOILET STALL

SHALL COMPLY WITH FIG 30(a) STANDARD STALL. STANDARD TOILET STALLS WITH A MINIMUM DEPTH OF (56) FIFTY-SIX INCHES

(SEE FIG. 30(a)) SHALL HAVE WALL MOUNTED WATER CLOSETS. IF THE DEPTH OF A STANDARD TOILET STALL IS INCREASED AT

STALLS MAY BE REVERSED TO ALLOW EITHER A LEFT OR RIGHT

HAND APPROACH. ADDITIONAL STALLS SHALL BE PROVIDED IN CONFORMANCE WITH 4.22.4.

OF A STANDARD STALL (FIG 30(a)) IS TECHNICALLY INFEASIBLE

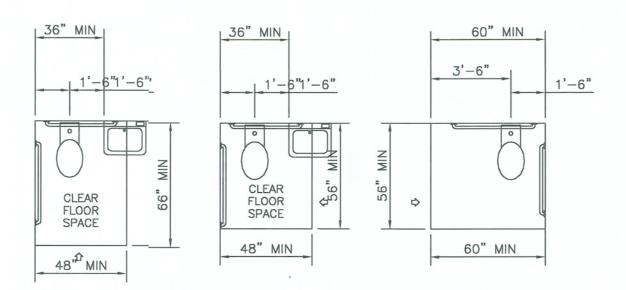
OR WHERE PLUMBING CODE REQUIREMENTS PREVENT COMBINING

(FIG 30(b)) MAY BE PROVIDED IN LIEU OF THE STANDARD STALL.

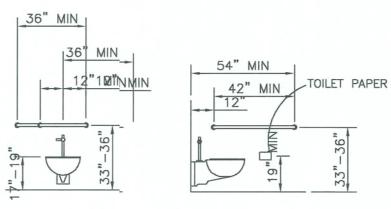
EXISTING STALLS TO PROVIDE SPACE, EITHER ALTERNATE STALL

LEAST (3) THREE INCHES, THEN A FLOOR MOUNTED WATER CLOSET MAY BE USED. ARRANGEMENTS SHOWN FOR STANDARD TOILET

AND SHALL MEET TH REQUIREMENTS OF 4.17.



CLEAR FLOOR SPACE AT WATER CLOSETS



GRAB BARS AT WATER CLOSETS

54" MIN

LATCH

OTHER APPROACHES

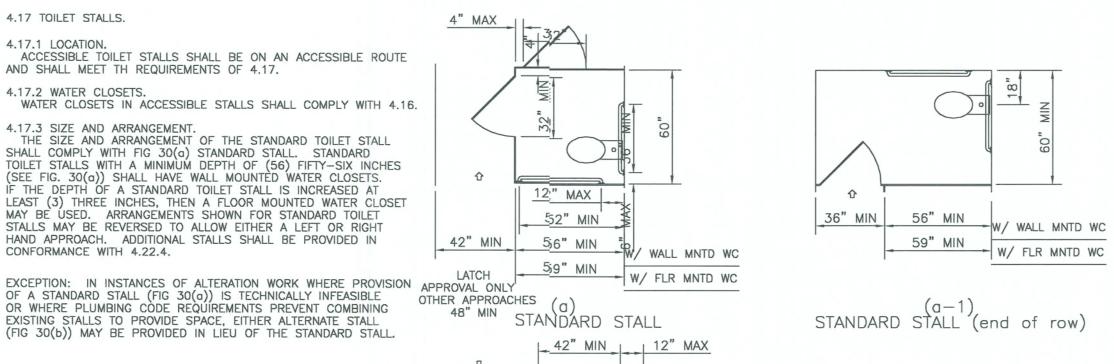
48" MIN

LATCH

APPROVAL ONLY

OTHER APPROACHES 48" MIN

APPROVAL ONLY





4.17 TOILET STALLS.

4.17.2 WATER CLOSETS.

4.17.1 LOCATION.

4.18.1 GENERAL. ACCESSIBLE URINALS SHALL COMPLY WITH 4.18.

4.18.2 HEIGHT. URINALS SHALL BE STALL-TYPE OR WALL-HUNG WITH AN ELONGATED RIM AT A MAXIMUM OF (17) SEVENTEEN INCHES ABOVE THE FINISHED FLOOR.

4.18.3 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE (30) THIRTY INCHES BY (48) FORTY EIGHT INCHES SHALL BE PROVIDED IN FRONT OF URINALS TO ALLOW FOWARD APPROACH. THIS CLEAR SPACE SHALL COMPLY WITH 4.2.4. URINAL SHIELDS THAT DO NOT EXTEND BEYOND THE FRONT EDGE OF THE URINAL RIM MAY BE PROVIDED WITH (29) TWENTY-NINE INCHES CLEARANCE BETWEEN THEM.

4.18.4 FLUSH CONTROLS. FLUSH CONTROLS SHALL BE HAND OPERATED OR AUTOMATIC AND SHALL COMPLY WITH 4.27.4 AND SHALL BE MOUNTED NO MORE THAN (44) FOURTY-FOUR INCHES ABOVE TH FIN. FLR.

4.19 LAVATORIES AND MIRRORS.

THE REQUIREMENTS OF 4.19 SHALL APPLY TO LAVATORY FIXTURES, VANITIES AND BIULT-IN LAVATORIES.

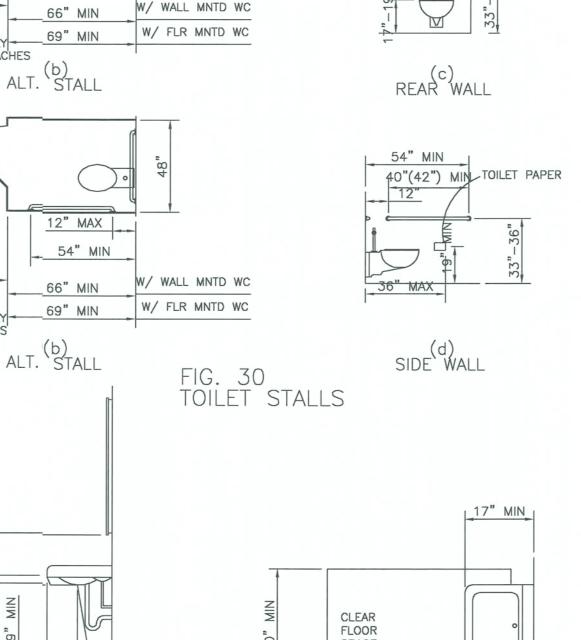
4.19.2 HEIGHT AND CLEARANCES. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN (34) THIRTY—FOUR INCHES ABOVE THE FINISH FLOOR. PROVIDE A CLEARANCE OF AT LEAST (29) TWENTY-NINE INCHES ABOVE THE FINISH FLOOR TO THE BOTTOM OF THE APRON. HNEE AND TOE CLEARANCE SHALL COMPLY WITH

4.19.3 CLEAR FLOOR SPACE. A CLEAR FLOOR SPACE (30) THIRTY INCHES BY (48) FOURTY EIGHT INCHES COMPLYING WITH 4.2.4 SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW FOWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND A MAXIMUM OF (19) NINETEEN INCHES UNDERNEATH THE LAVATORY (SEE FIG. 32).

HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACES UNDER LAVATORIES.

FAUCETS SHALL COMPLY WITH 4.27.4. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. 4.19.6* MIRRORS.

MIRRORS SHALL BE MOUNTED WITHE THE BOTTOM EDGE OF THE REFLECTING SURFACE NO HIGHER THAN (40) FOURTY INCHES FROM KNEE CLEARANCE THE FINISH FLOOR (SEE FIG. 31).

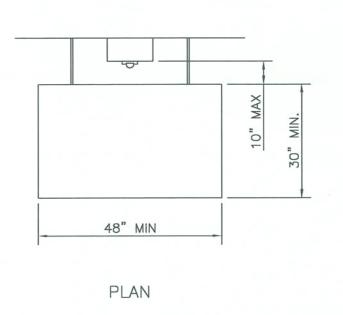


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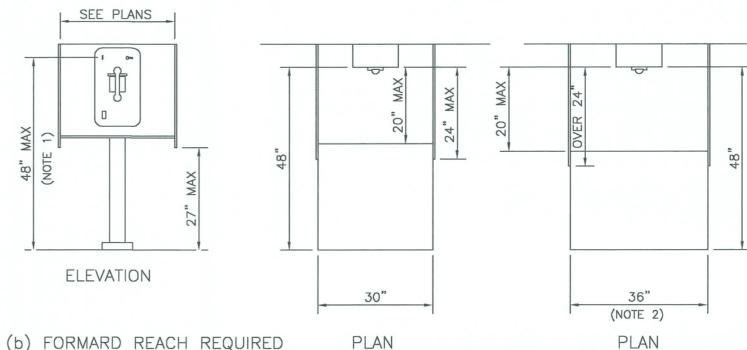
SPACE 19" MAX TOE CLEARANCE 48" MIN

CLEAR FLR SPACE AT LAV

ELEVATION SEE PLANS



(a) SIDE REACH POSSIBLE



(1) THIS DIMENSION REPRESENTS THE HEIGHT OF THE HIGHEST OPERABLE PARTS THAT ARE ESSENTIAL TO THE BASIC OPERATION OF THE TELEPHONE.

(2) THE REQUIRED CLEAR FLOOR SPACE INCREASES TO (36) THIRTY—SIX INCHES WHEN THE ENCLOSURE EXTENDS MORE THAN (24) TWENTY—FOUR INCHES FROM THE FACE OF THE TELEPHONE.

MOUNTING HEIGHTS AND CLEARANCES FOR TELEPHONES

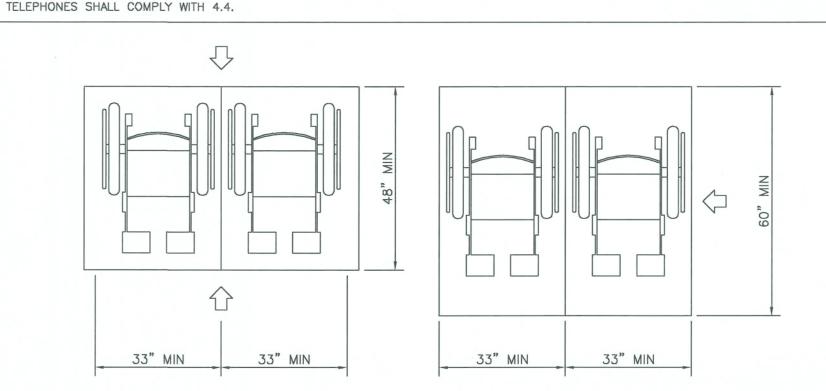
4.31 TELEPHONES:

PUBLIC TELEPHONES REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.31.

4.31.2 CLEAR FLOOR OR GROUND SPACE. A CLEAR FLOOR OR GROUND SPACE AT LEAST (30) THIRTY INCHES BY (48) FOURTY-EIGHT INCHES THAT ALLOW EITHER A FOWARD OR PARALLEL APPROACH BY A WHEELCHAIR SHALL BE PROVIDED AT TELEPHONES (SEE FIG. 44). THE CLEAR FLOOR OR GROUND SPACE SHALL COMPLY WITH 4.2.4 BASIC

ENCLOSURES, AND FIXED SEATS SHALL NOT IMPEDE APPROACHES TO TELEPHONES BY PEOPLE WHO USE WHEELCHAIRS 4.31.3 MOUNTING HEIGHT.

THE HIGHEST OPERABLE PART OF THE TELEPHONE SHALL BE WITHIN THE REACH SPECIFIED IN 4.2.5 OR 4.2.6. 4.31.4 PROTUDING OBJECTS.



(b) SIDE ACCESS

(a) FORWARD OR REAR ACCESS

SPACE REQUIREMENTS FOR WHEELCHAIR SEATING SPACES IN A SERIES

4.32 FIXED OR BUILT-IN SEATING AND TABLES 4.32.1 MINIMUM NUMBER. FIXED OR BUILT-IN SEATING OR TABLES REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH 4.32. 4.32.2 SEATING IF SEATING SPACES FOR PEOPLE IN WHEELCHAIRS ARE PROVIDED AT FIXED TABLES OR COUNTERS. CLEAR FLOOR SPACE COMPLYING WITH 4.2.4 SHALL BE PROVIDED. SUCH

CLEAR FLOOR SPACE SHALL NOT OVERLAP KNEE SPACE BY

MORE THAN (19) NINETEEN INCHES (SEE FIG. 45). IF SEATING FOR PEOPLE IN WHEELCHAIRS IS PROVIDED AT TABLES OR COUNTERS, KNEE SPACES AT LEAST (27) TWENTY-SEVEN INCHES HIGH, (30) THIRTY INCHES WIDE

AND (19) NINETEEN INCHES DEEP SHALL BE PROVIDED 4.32.4 HEIGHT OF TABLES OR COUNTERS

THE TOPS OF ACCESSIBLE TABLES AND COUNTERS SHALL BE FROM (28) TWENTY-EIGHT INCHES TO (34) THIRTY-FOUR INCHES ABOVE THE FINISHED FLOOR OR GROUND.

ALL HANDICAP REQUIREMENTS MUST COMPLY WITH LOCEL GOVERNING REGULATIONS. THIS INFORMATION WAS OBTAINED FROM AMERICANS WITH DISABILITIES ACT ADA COMPLIANCE GUIDE, THOMPSON PUBLISHING GROUP, INC. AUGUST 1990



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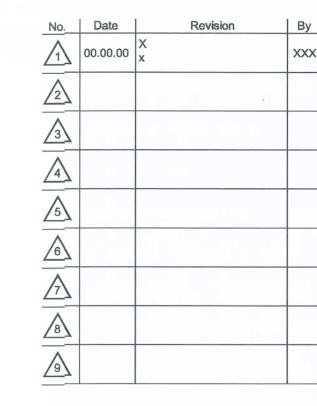
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Seal Area

Revisions:



Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description: Cover Sheet - 3

10.28.04 Scale: 1/4"=1'-0"

Project #: D00630-S04

Designer: MEB



GENERAL FRAMING NOTES

- ALL INTERIOR ELEVATIONS DIMENSIONS ARE TO FINISH FACE OF WALLBOARD.
- ALL NEW DOORS & WINDOWS ARE IN CENTER OF WALL PANEL, OR 4" OFF ADJACENT WALL, UNLESS NOTED OTHERWISE.
- 3. ALL INTERIOR WALLS ARE OF 3 5/8" METAL STUDS, UNLESS NOTED OTHERWISE. ALL EXTERIOR WALLS ARE EXISTING UNLESS NOTED
- 4. ALL WALLS AT INTERIOR MECHANICAL ROOMS SHALL BE ONE HOUR RATED. PROVIDE 5/8" FIRE RATED GYPSUM BOARD ON BOTH SIDES OF WALLS. (AS PER GYPSUM ASSOCIATION TEST WP 3605)
- 5. GYPSUM BOARD JOINTS SHALL BE STAGGERED AS REQUIRED BY LOCAL BUILDING CODES.
- 6. PROVIDE WATER RESISTANT GYPSUM BOARDS AROUND FIXTURES, AND ALL KITCHEN AND SERVICE LINE WALLS TO RECEIVE FRP PANEL.
- 7. ALL EXPOSED CABINET ENDS SHALL HAVE FINISH PANELS.
 GENERAL CONTRACTOR SHALL COORDINATE LOCATION OF ALL CABINET FILLERS, FALSE PANELS, MISC. COMPONENTS FOR CABINETRY.
- 8. ALL COUNTERTOP / WALL INTERSECTIONS SHALL HAVE A 4" HIGH BACKSPLASH.
- DO NOT SCALE DRAFTING, REPORT EVERY ERRORS IN DIMENSIONING TO ARCHITECT BEFORE PROCEEDING WITH WORK.

FOR LOW WALL SUPPORT PLACE 3 3 1/2"x3 1/2" CORE STEEL FRAME INTO

SLAB AT ENDS AND MID WALL. FOR LONGER WALLS, USE 2 POINTS

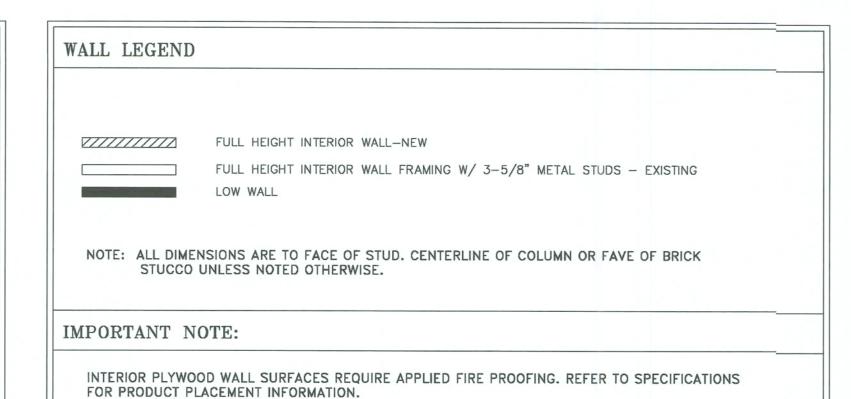
EQUALLY SPACED

1 LOW WALL DETAIL

A-1 SCALE: NTS

 INSTALL BLOCKING IN WALL FOR BABY CHANGING TABLE, IN MEN'S AND WOMEN'S TOILET, AND FOR ALL WALL MOUNTED SHELVING.

LOW WALL —



* NOTE: PROVIDE A MINIMUM OF 18" CLEAR AREA ON THE PULL SIDE OF ALL DOORS.

* NOTE: ALL DOOR HARDWARE MUST BE OF THE LEVIER TYPE.

		DOOR SCHEDULE	
#	WIDTH	MATERIAL	NOTES
1	3'-0"	EXISTING	1, 2, 3, 11, 13
2	3'-0"	EXISTING	1, 2, 3, 11, 13
3	3'-0"	EXISTING	1, 2, 3, 11, 13
4	3'-0"	S.C. WOOD	3, 5, 7
5	3'-0"	S.C. WOOD	3, 5, 7, 13
6	3'-0"	S.C. WOOD	3, 5, 7, 13
7	3'-0"	S.C. WOOD	3, 5, 6, 7, 14
8			10
9	3'-0"	EXISTING	2, 3, 11, 13

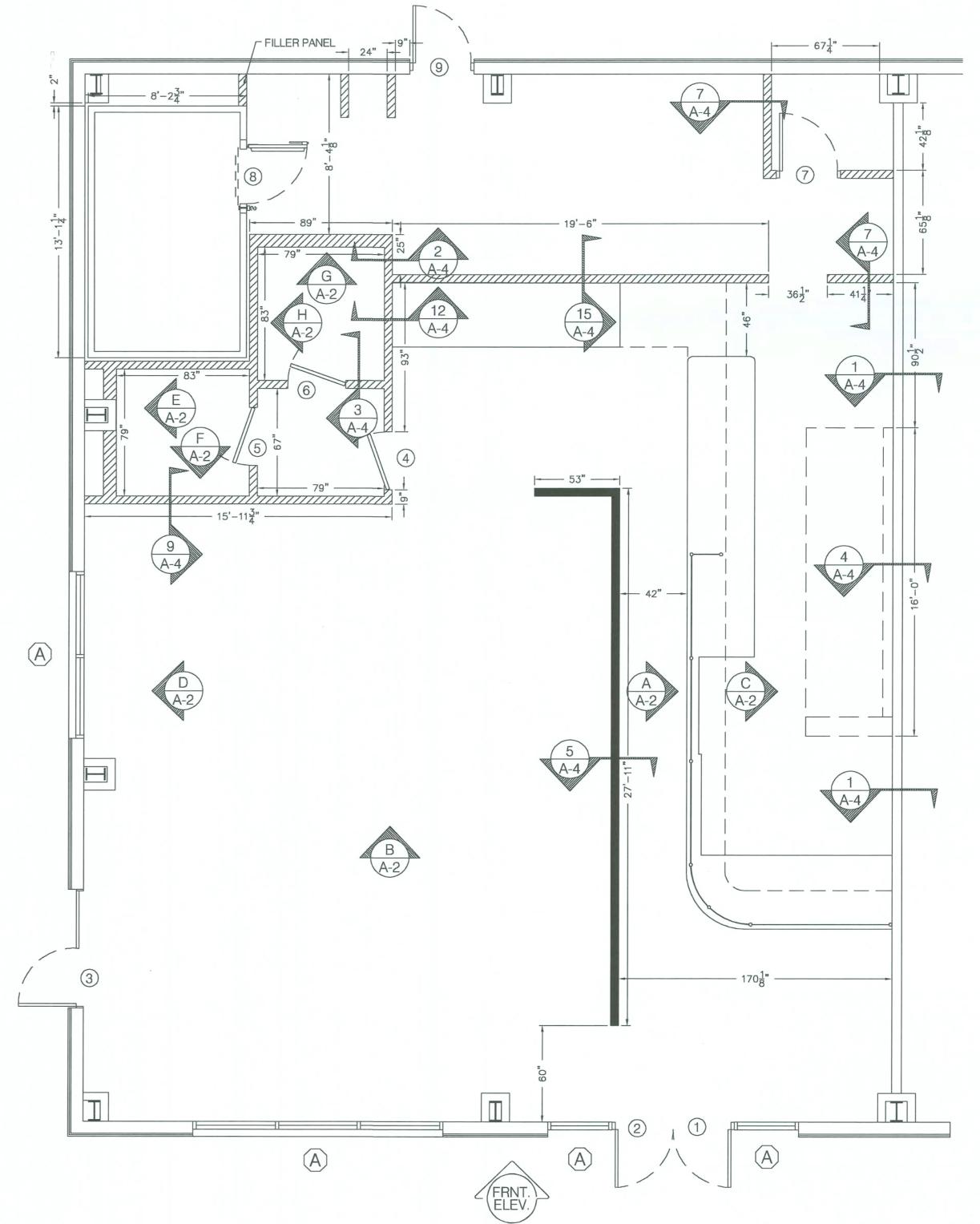
DOOR SCHEDULE NOTES

(VERIFY ALL HARDWARE TO LOCAL (CODES)

- ALUMINUM-NARROW STILE DOOR IN 4-1/2"X 1-3/4"
 AL. FRAME, OFFSET HUNG, TEMPERED GLASS.
- 2. PROVIDE METAL THRSHOLD AND WEATHERSTRIPPING
- 3. PROVIDE SURFACE MOUNTED CLOSER.
- 4. INSULATED, FLUSHJ, H.M. DOOR AND METAL FRAME
- 5. ALL INTERIOR DOORS OTHER THAN ALUM. DOORS SHALL BE SET IN HOLLOW METAL FRAMES
- 6. GLASS WITH WIRE WINDOW.
- 7. PROVIDE KICK PLATES, PUSH PLATE, AND PULL HANDLE.
- 8. MUST BE 2'-8" CLEAR OPENING.
- SUPPLIED W/TOILET PARTITION.
- 10. SUPPLIED W/WALK-BOX.
- 11. PROVIDE APPROVED PANIC HARDWARE.
- 12. PROVIDE EXIT ALARM.
- 13. PROVIDE LOCKSET
- 14. PROVIDE LOCKSET w/ DEADBOLT
- 15. CASE OPENING
- 16. VENT LOUVER PANEL

WINDOW SCHEDULE

ALL EXTERIOR WINDOWS EXISTING. NO NEW WINDOWS





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Client



Seal Area

Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description: Floor Plan

Project #: D00630-S04

Sheet #:

 Date:
 10.28.04

 Scale:
 1/4"=1'-0"

 Designer:
 MEB

GENERAL NOTES:

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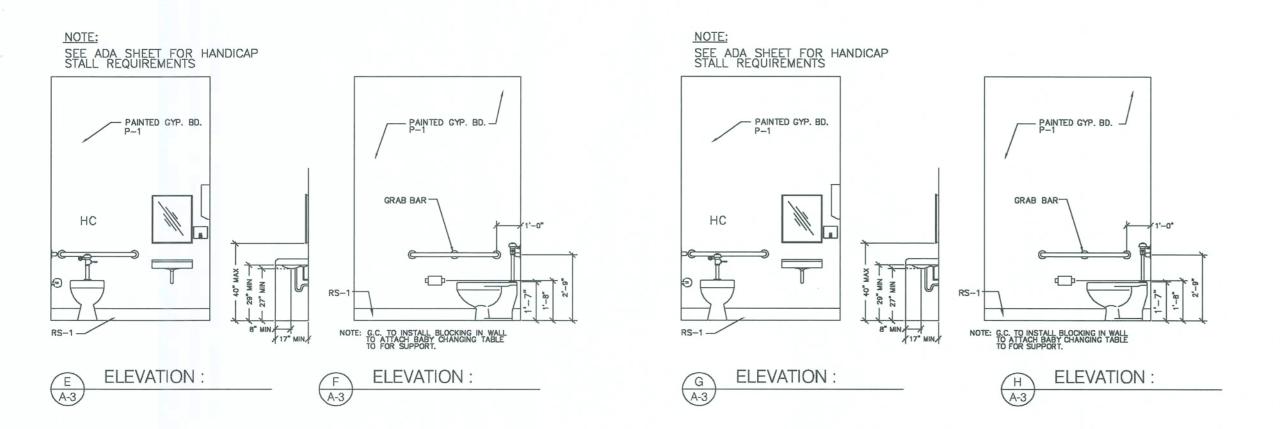
FINISH FLOOR -

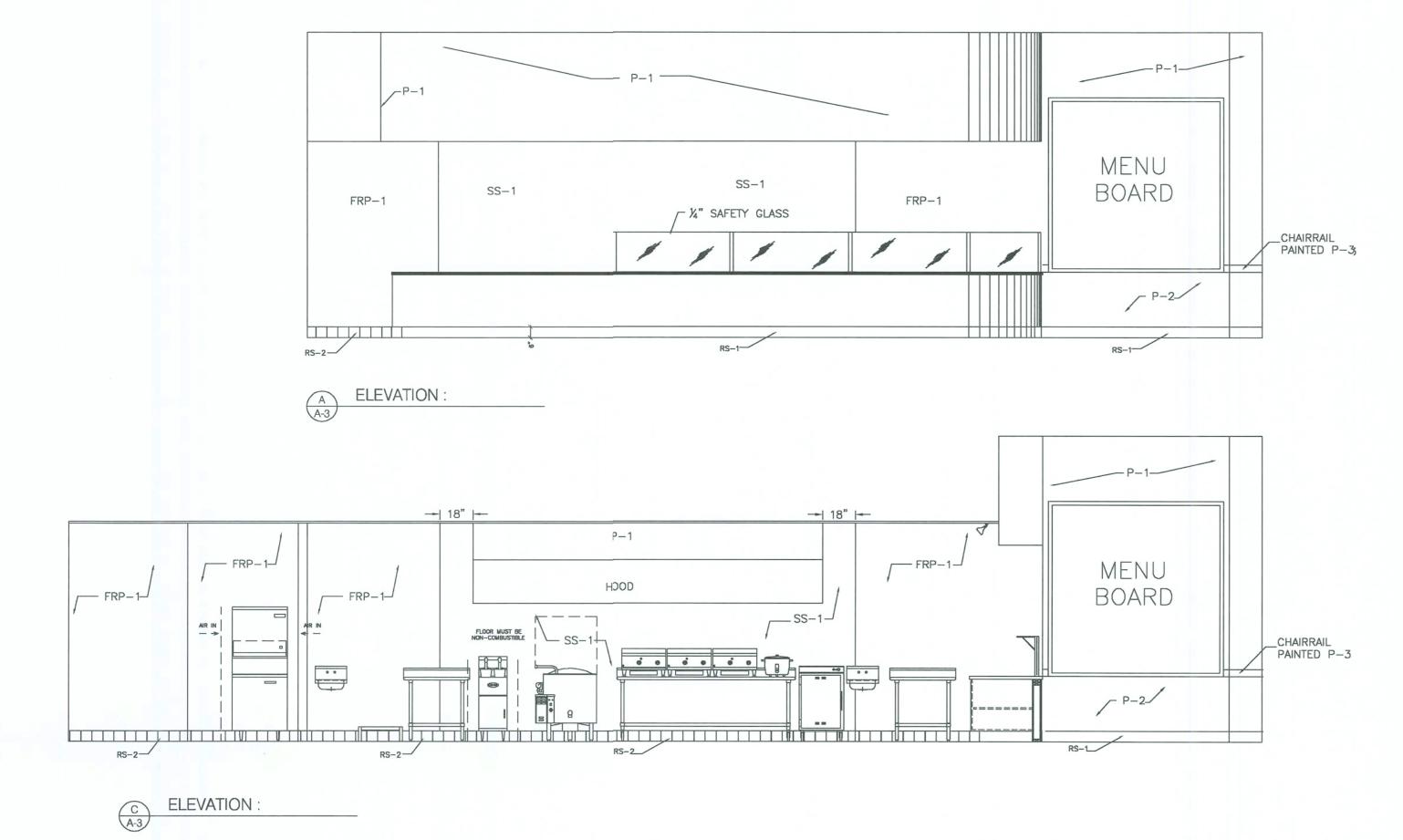
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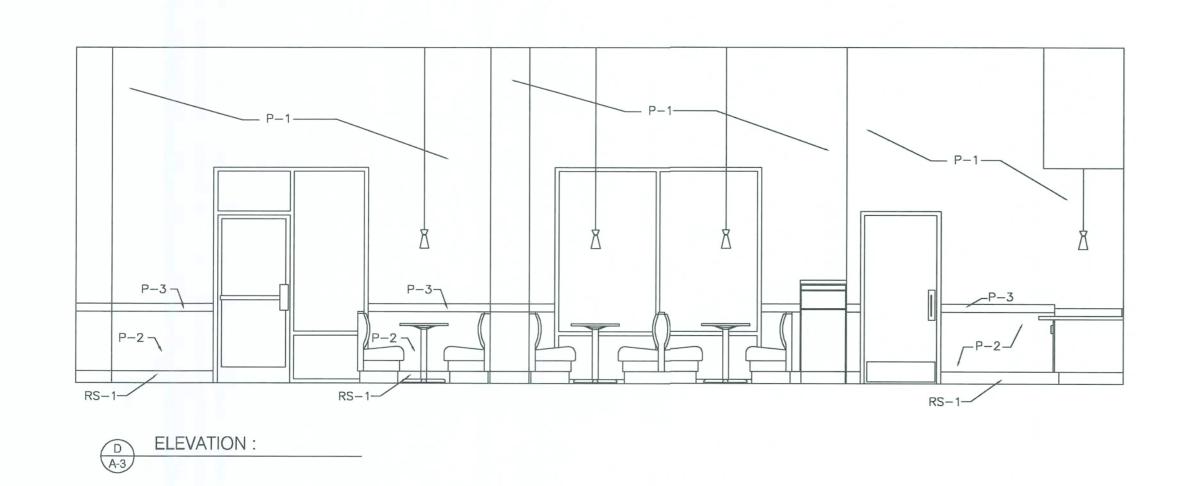
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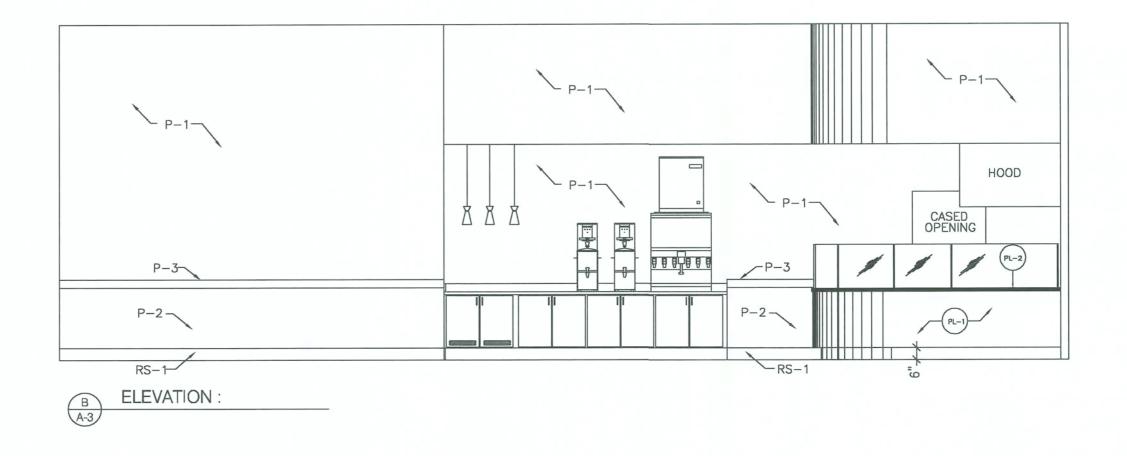
FLOOR PLAN

INTERIOR ELEVATIONS













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Seal Area

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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description:
Interior Elevations

Project #: D00630-S04

#: Sheet #: 04

Date: 10.28.04

Scale: 1/4'=1'-0"

Designer: MEB

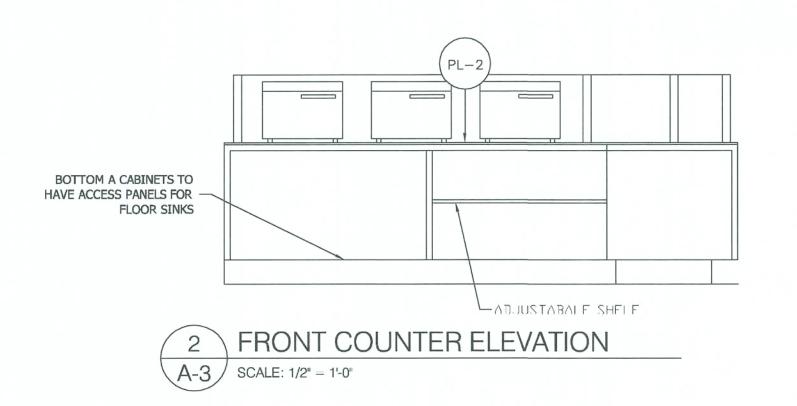
28.04 '=1'-0" B

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MILLWORK DETAILS





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Seal Area



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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description:
Millwork Details

Designer: MEB

Project #:

D00630-S04

Date: 10.28.04
Scale: 1/4"=1'-0"

A-3

Sheet #:

MILLWORK FINISH LEGEND

PL PLASTIC LAMINATE

SYMBOL MANUFACTURER PRODUCT # DESCRIPTION

PL-1 WILSONART 4745-60 MAROOCHY BRUSH

PL-2 NEVAMAR S-6-53T JETT BLACK TEXTURED

5 COUNTER PLAN

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

RECESSED AREA

CUT OUT FOR DROP IN PAN-

(PL-2)

COUNTER FRONT ELEVATION

COUNTER BACK ELEVATION

CUT OUT FOR HOT WELL

¼" SAFETY GLASS 100% BLACKOUT _

TINT IN FRONT OF

CUT OUT FOR DROP IN PAN

13 3/4"x14 3/4"

— 29**'**-9" —

A-3 SCALE: 1/2" = 1'-0"

SIDE OF COUNTER

A-3 SCALE: 1/2" = 1'-0"

—¼" SAFETY GLASS

_1/4" SAFETY GLASS

NOTE: (1) 100% BLACKOUT TINT IN FRONT OF STEAMERS.

OF SNEEZE GUARD.

BOTTOM A CABINETS TO

- HAVE ACCESS PANELS FOR

2 A-3

5'-2 7/8"

FLOOR SINKS

LADJUSTABALE SHELF

CUT OUT FOR HOT TABLE & SANDWICH PREP TABLE

10'-3 5/8"

5'-0 3/4"

(2) 100% BLACKOUT TINT 6" HIGH BAND AROUND BOTTOM OF REMAINDER

4 WAY PLUG FOR COUNTER EQUIPMENT ETHERNET JACK FOR POS SYSTEM

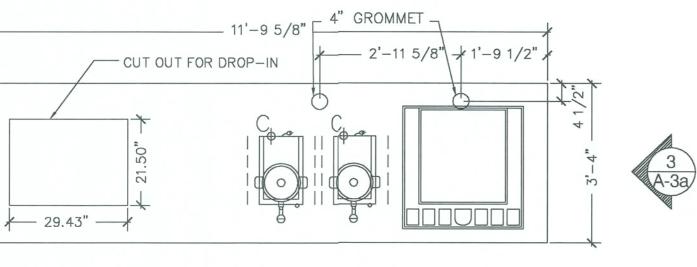
VADJUSTABALE SHELF

GENERAL NOTES:

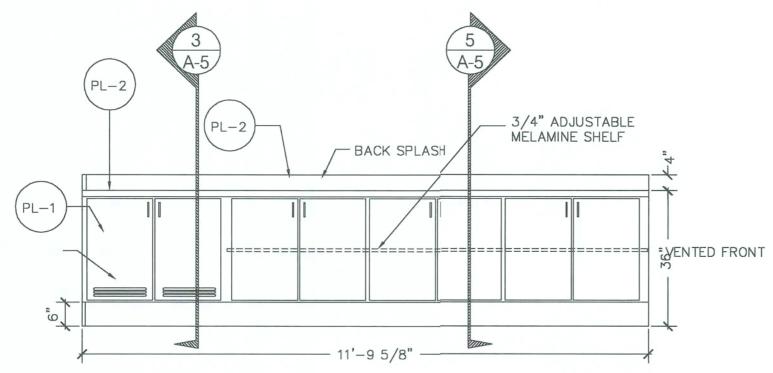
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MILLWORK DETAILS

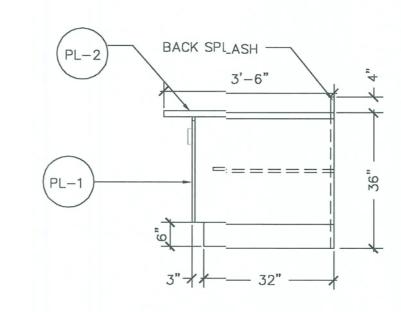


DRINK COUNTER PLAN A-3a SCALE: 1/2" = 1'-0"

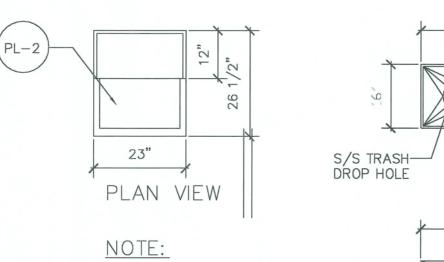


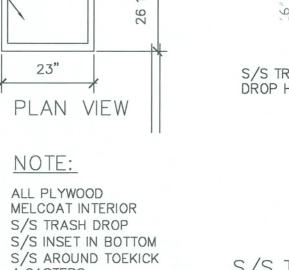
A-3a SCALE: 1/2" = 1'-0"

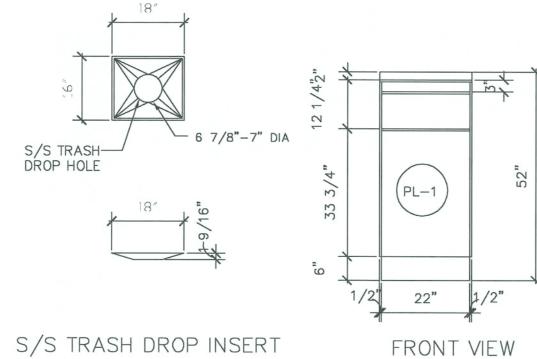


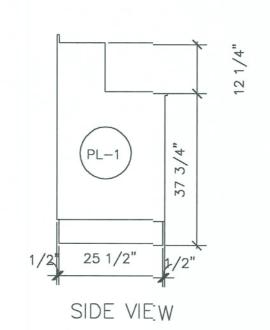


3 SALSA/DRINK SIDE ELEVATION A-3a SCALE: 1/2" = 1'-0"











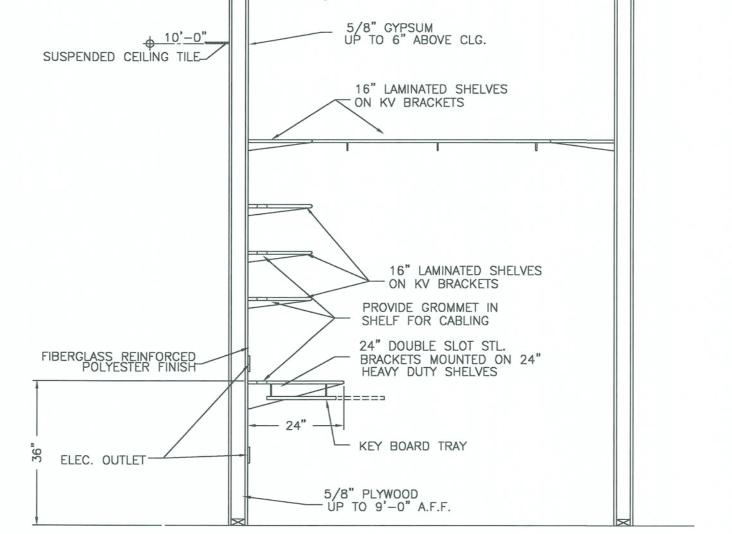
PLASTIC LAMINATE

ALL PLYWOOD

4 CASTERS

S/S TRASH DROP

NOTE: (1) ALL VERTICAL SURFACES TO RECEIVE PL-1 FINISH. WILSONART; COLOR: MAROOCHY BRUSH; STYLE: 4745-60 (2) ALL HORIZONTAL SURFACES TO RECEIVE PL-2 FINISH. NEVAMAR; COLOR: JETT BLACK TEXTURE; STYLE: S-6-53T



SUSPENDED CEILING TILE

MILLWORK FINISH LEGEND

MANUFACTURER

WILSONART

NEVAMAR

PRODUCT #

4745-60

S-6-53T

DESCRIPTION

MAROOCHY BRUSH

JETT BLACK TEXTURED

PL PLASTIC LAMINATE

PL-1





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Seal Area



Revisions:

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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description: Millwork Details

Project #: D00630-S04

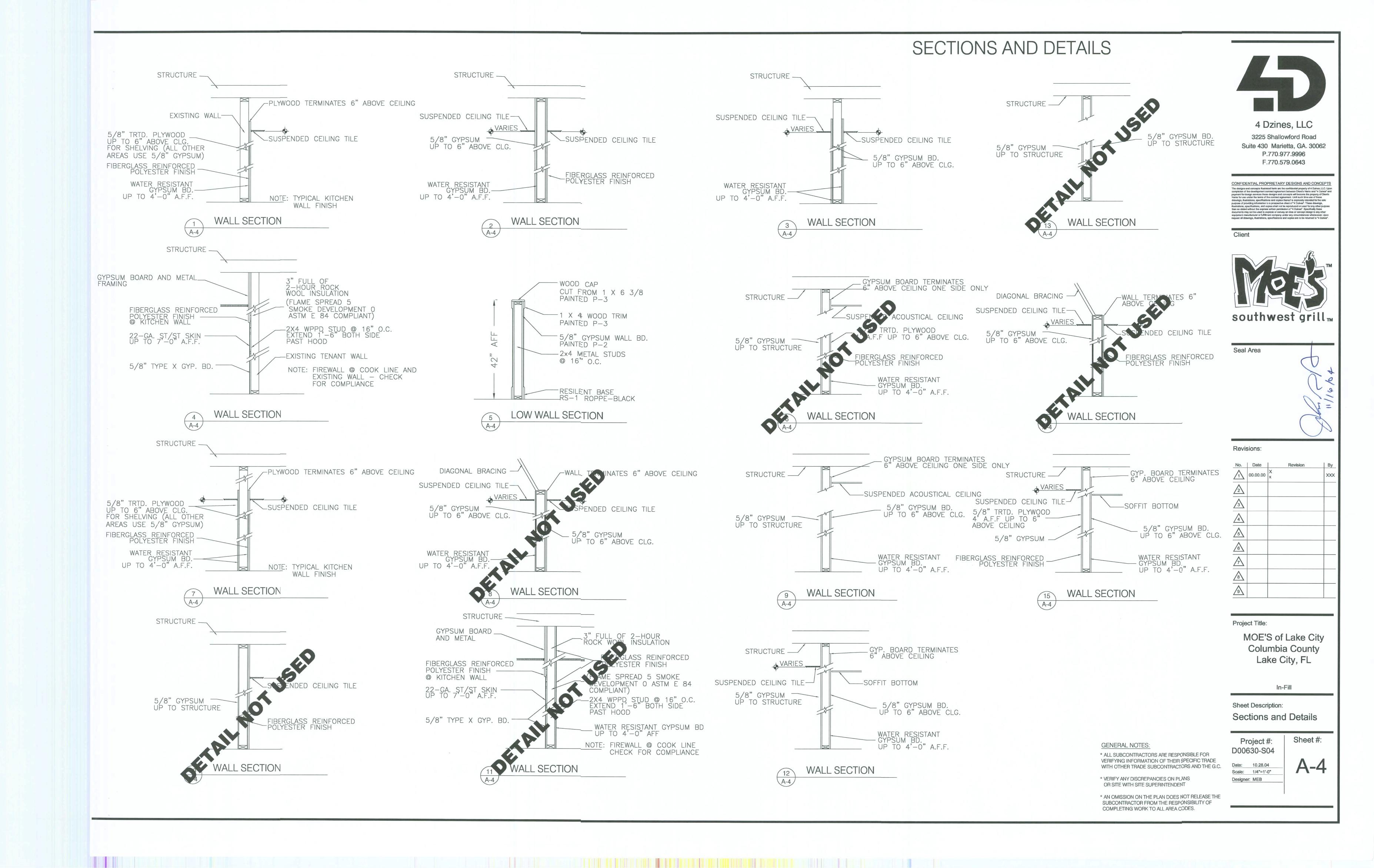
Sheet #:

Date: 10.28.04 Scale: 1/4"=1'-0" Designer: MEB

GENERAL NOTES:

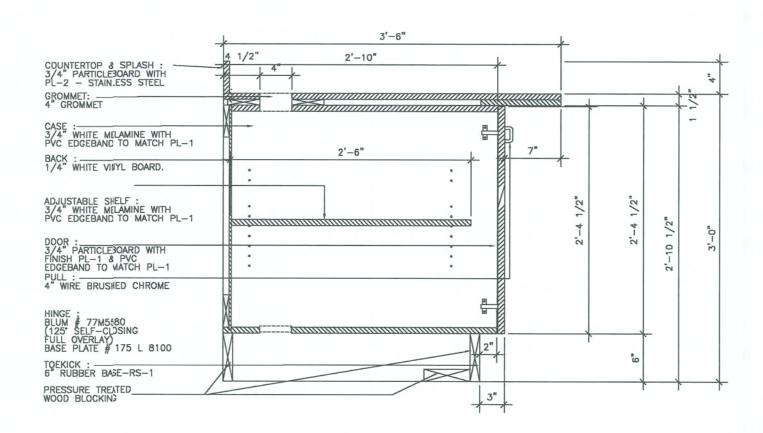
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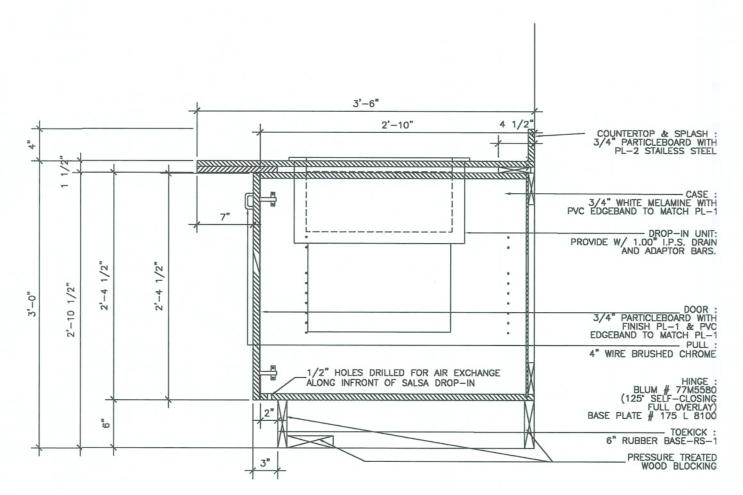
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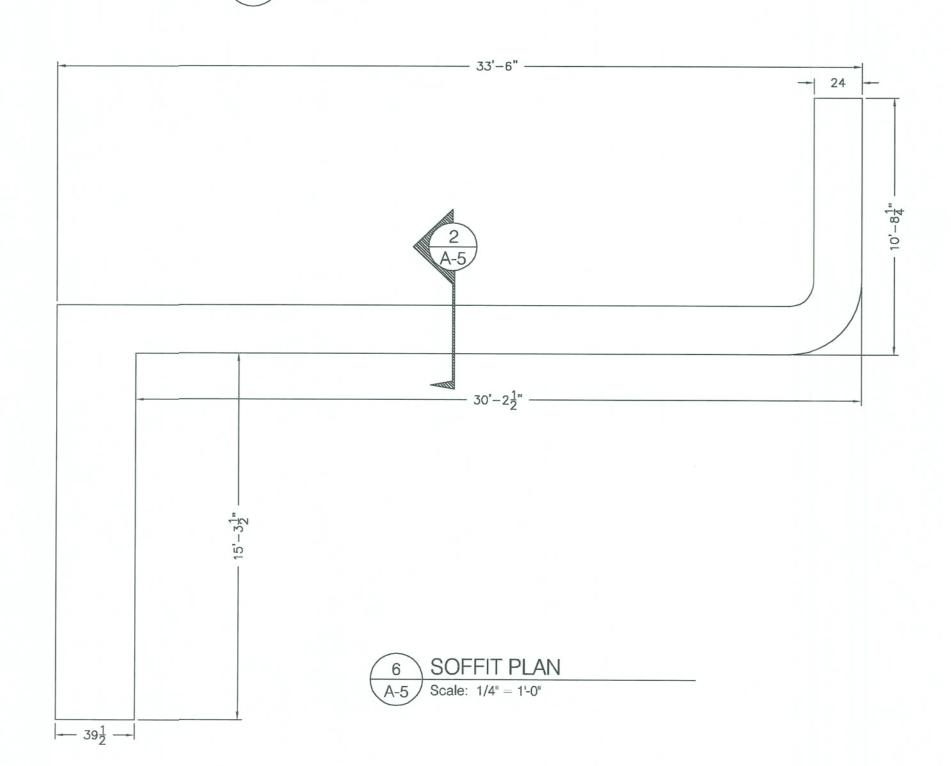
SECTION: BEVERAGE COUNTER

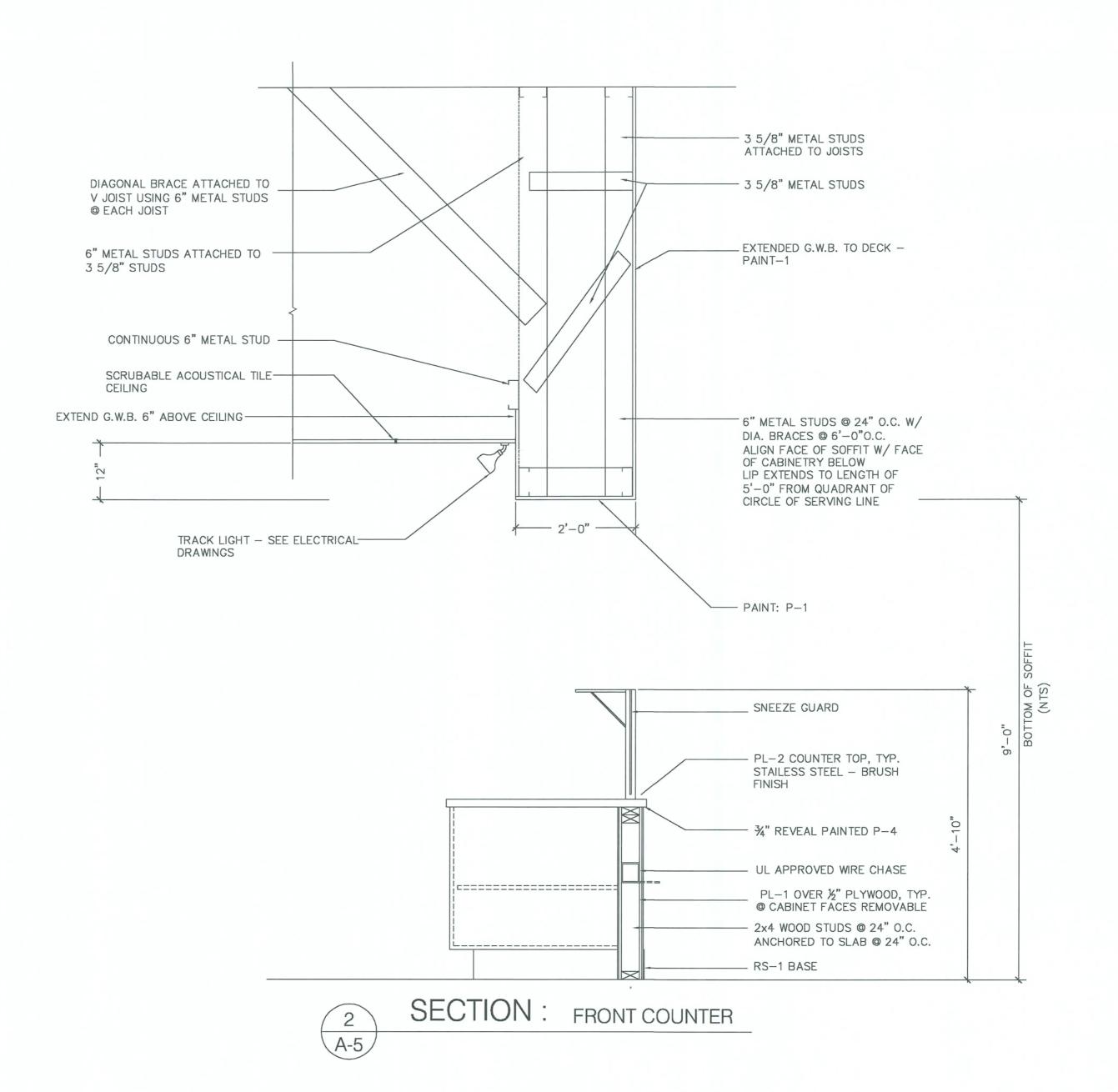
1" = 1'0"

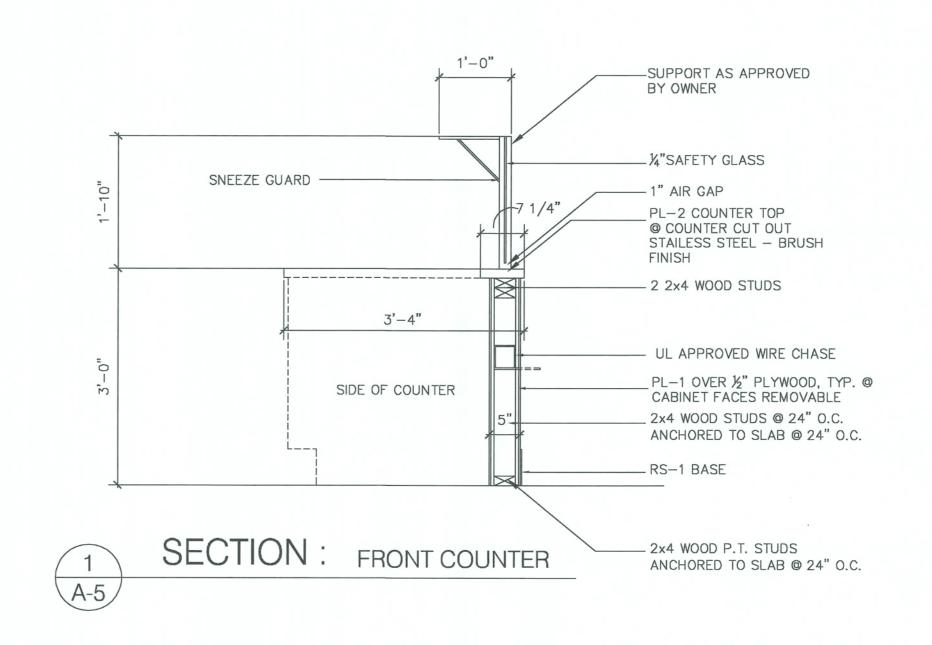


SECTION: SALSA COUNTER

1" = 1'0"









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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

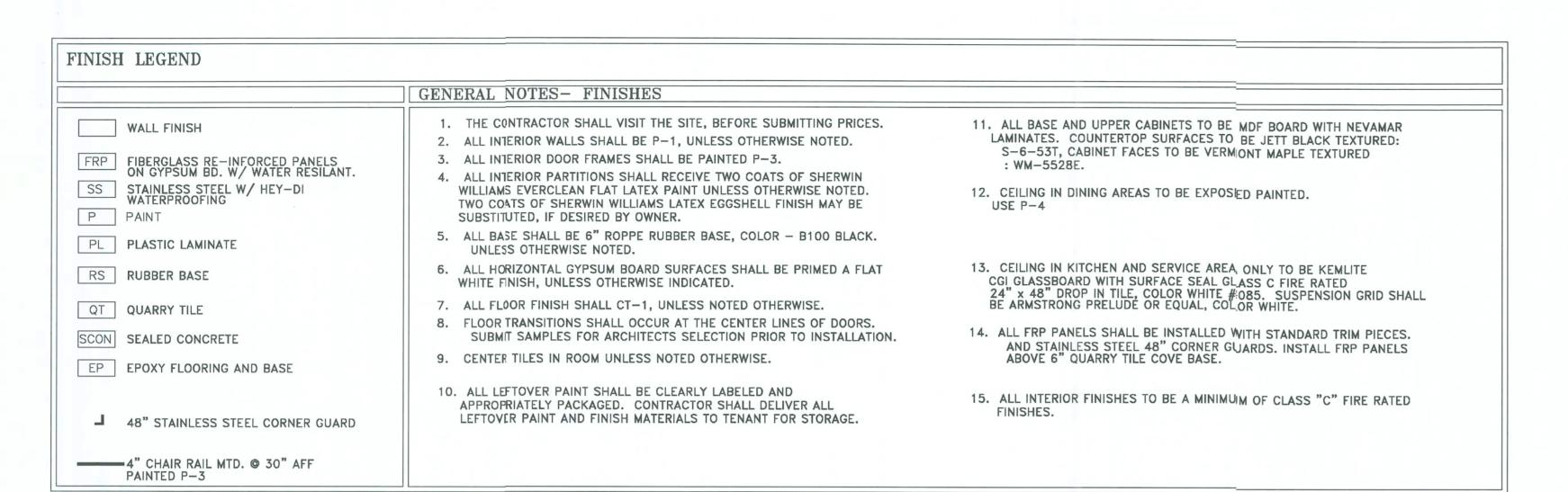
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Sections and Details

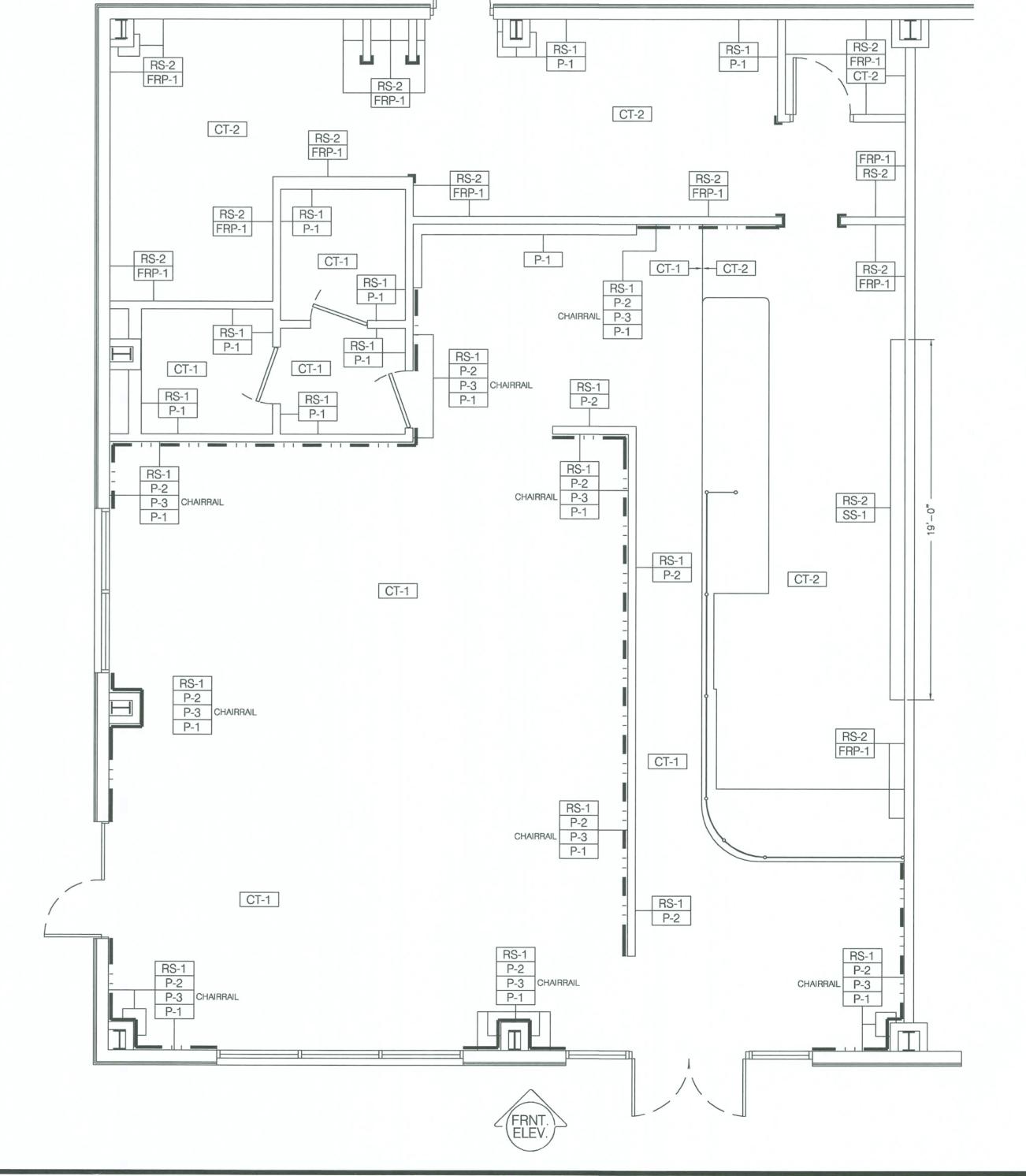
Project #: D00630-S04

Date: 10.28.04
Scale: 1/4"=1'-0"
Designer: MEB

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P PAINT SYMBOL MANUFACTURER	PRODUCT #	DESCRIPTION		RS RI	ESILIENT BASE MANUFACTURER	PRODUCT #	DESCRIPTION
P-1 SHERWIN WILLIA P-2 SHERWIN WILLIA P-3 SHERWIN WILLIA P-4 SHERWIN WILLIA	MS SW6328 MS SW6989	YELLOWSTONE, FLAT FIREWEED BLACK DOMINO GLOS BLACK MAGIC FLAT L	S ENAMEL	RS-1 RS-2	ROPPE METROPOLITAN	BLACK-001 QUARRY	6" RUBBER COVE BASE 6"x6" 00500 GRAY BASE
FRP FRP PANELS SYMBOL MANUFACTURER FRP-1 KEMLITE	PRODUCT #	DESCRIPTION WHITE FULL HEIGHTS	PANEL				
PL PLASTIC LAMINATE SYMBOL MANUFACTURER PL-1 WILSONART PL-2 NEVAMAR	PRODUCT # 4745-60 S-6-53T	DESCRIPTION MAROOCHY BRUSH JETT BLACK TEXTUR	RED				
CT CERAMIC TILE SYMBOL MANUFACTURER CT-1 CERTIFIED FINISH CT-2 COMMERCIAL HARD S	IES PEACOCK	PRODUCT	COLOR SH ARCOIRIS 00500 GRAY	SIZE 16x16 6x6			



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COMPLETING WORK TO ALL AREA CODES.

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FINISH PLAN

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Seal Area

Revisions:

Project Title:

MOE'S of Lake Columbia Cou Lake City, F

Sheet Description: Finish Plan

Project #: D00630-S04

Date: 10.28.04

Scale: 1/4"=1'-0"

Designer: MEB

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REFLECTIVE CEILING PLAN

P.770.977.9996



Seal Area

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MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description: Reflective Ceiling Plan

Designer: MEB

Date: 10.28.04

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Project Title:

Sheet #:

Project #: D00630-S04

Scale: 1/4"=1'-0"

FIXTURE LEGEND NOTE: LIGHTING PACKAGES AVAILABLE THROUGH ATLANTIC SYMBOL LEGEND TYPE SYMBOL DESCRIPTION (TYPE HEIGH)

A 24"x48" RECESSED LAY-IN FLUDRESCENT CRESENT, 24GP432FSA11K4Y
120 V, F32T8/TL735-3 LAMP

TYPE A GYPSUM BOARD DENOTES CEILING HEIGHTS AND CEILING TYPE

В		24"x24" RECESSED LAY-IN FLUCRESCENT CRESENT, 22GP2U6FSA11K2Y, 120 V, FB32TB/735/U	TYPE B: DIMING AREAS ONLY TO BE EXPOSEDDRY FOG BLACK.
C	-®-	RECESSED INCANDESCENT BOWN LIGHT CONT-TECH 120 V. RL38/CTR3801-P, 75PAR30L/HAL/NFL, NEW CONSTRUCTION HOUSING, TRIM COLOR TO MATCH CEILING	TYPE D PRE-PAINTED BLACK SUSPENSION GRID. USG INTERIORS, DIX24 CHAINO, DX422 (4' CROSS TEES) DX216 C2' CROSS TEES). USE P-3 FOR PAINT AND TOUCH-UP, IN DINING AREA DNLY.
C1	-6-	RECESSED FLUOR DOWN LIGHT CONT-TECH 20 V, RL213-HPF/CTRIBOT-P, 13 WATT CFL 4-PIN NEW CONSTRUCTION HOUSING, TRIM COLLOR TO MATCH CEILING	TYPE D CEILING IN KITCHEN AND SERVICE AREA DNLY TO BE KENLITE CGI GLASBORD WITH SURFASEAL, CLASS C FIR RATED 24'x48" DROP-IN TILE, COLOR WHITE BOBS. SUSPENSION GRID SHALL BE ARRSTRONG PRELIDE OR EQUAL, COLO WHITE.
D	4 0	TRACK MOUNTED FLOOD CONT-TECH CTL603B-BLACK 73PAR30L/HAL/NFL	
Ε	 ⟨E	TRACK MOUNTED FLOOD CONT-TECH 180 V, CTL3309-BLACK, 65BRSHATTER PROOF	KEY NOTES- ELECTRICAL
F		PENDENT TRACK MOUNTED LOW YOU.T HALDGEN FIXTURE, BOTTON & 6'-0' AFF. CONT-TECH, 120/12Y, RALLSBLYC, 23MRCIA/FL/FNV-CG. REDUIRES LA1634 COLORED SHADE. VERIFY COLOR WITH DWNER	1 PROVIDED BY EQUIPMENT MFR., INSTALLED BY E.C.
F-1	- <u>@</u> -	PENDENT TRACK MOUNTED FIXTURE, BOTTOM & 6'-6' AFF., JUNO, 120/12 VOLTS, TLP314INFERND/TP78BL/T538BL, 35NRC16/FL/FMV-CG.	E. HANGING LIGHT FIXTURE TO BE CENTERED ON EACH BOOTH TABLE
G	⊲c	TRACK MOUNTED SPOT, CONT-TECH, 120V, CTL616BLK/C, 3SMRC16/FL/FMV-C REGUIRES LA1634 COLORED SHADE	PROVIDE VIRING AND CONNECTION FOR DUCT DETECTORS, SEE HVACSHEET FOR EXACT LOCATIONS. PROVIDE UTILITY SERVICE VEATHERPROOF GFCI PROTECTED DUPLEX 5-20R SERVICE RECEPTACLES AT ROOF TOP MTD. AC UNIT.
4T	4T \(\nabla \nabla	4' BLACK TRACK, CONT-TECH, 120V, TL4B, 4' SINGLE CIRCUIT BLACK TRACK	5. LINE OF COOKING HOOD. BOTTOM 8 6'6" AF.F. SEE MECHANICAL.
8T	BT A A A A A A	8' LDNG BLACK TRACK, CDNT-TECH, 120V, TLBB, 8' SINGLE CIRCUT BLACK TRACK	
Χ	x 🔀	EXIT/EMERGENCY COMBO, CRESCENT, 120V, CPCRESSE, INCLUDED, EXIT/EMERGENCY COMBO UNIT 120/277 W/ BATTERY BACK-UP	·
X1	X1 🔀	RED L.E.D. EXIT SIGN V/ BATTERY, CRESCENT, 120V, CPRB92E, INCLUDED, LED EXIT SIGN, BLACK, RED LETTERS W/BATTERY BACK-UP	
Y1	YI 🔀	OUTDOOE REMOTE EMERG, HEAD, CRESCENT, 6V, INCLUDED, CSZY, INCLUDED, EXTERIOR REMOTE EMERG, HEAD	
Υ	4^	EMERGENCY LIGHT, CRESCENT, 120V, CPELB2E, INCLUDED, 2 HEAD EMERGENCY UNIT, BLACK HOUSING	
FAN1	₽	INDOOR CEILING FAN, CRAFTMABE, 120V, CSRFB-BS/S2D-FB, NO LIGHT FIXTIRE KIT	
EX	N	TOILET ROOM EXHAUST FAN	
SW	\$	VALL SVITCH	
JJ	0	JELLY JAR LIGHT, STONE CO. VCXL-13-NFL-1, BLACK FLOURECENT LIGHT	

REFLECTED CEILING PLAN GENERAL NOTES

(D) 10'-0"

 $\nabla \nabla \nabla \nabla$

(B) OPEN

 $\Delta_{\mathsf{G}}\Delta_{\mathsf{G}}\Delta_{\mathsf{G}}\Delta_{\mathsf{G}}$

D 10'-0"

(B OPEN)

(B OPEN)

(B) OPEN

(D 8'-6"

(B) OPEN

(B OPEN)

- DINING AREA SHALL BE OPEN WITH NO ACCOUNTICAL CEILING.
 ALL FLUORESCENT LIGHTING FIXTURES SHALL HAVE ENERGY SAVING LAMPS DOWNLIGHTS, WALLWASHERS, FIRE ALARM SIGNAL DEVICES, SPEAKERS, AND EXIT LIGHTS ARE TO BE LOCATED AS INDICATED UNLESS OTHERWISE INSTRUCTED BY ARCHITECT. CONTRACTOR TO NOTIFY ARCHITECT
- IMMEDIATELY OF DISCREPANCY. ALL DIMENSIONS ARE FROM FACE OF G.W.B. UNLESS NOTED OTHERWISE.
- WHERE MULTIPLE SWITCHES OCCUR (SWITCH, DIMMERS OR BOTH), GANG GROUPS OF SWITCHES IN SAME BOX WITH A SINGLE COVERPLATE. ALL WALL SWITCHES IN SAME BOX WITH FAN CONTROLS, AND THERMOSTATS TO BE MOUNTED AT SAME HEIGHT. ALL SWITCH COVERPLATES, (LIGHTING, DIMMERS, EXHAUST FANS, ETC.) SHALL BE MOUNTED STRAIGHT AND ALIGNED, AND SHALL MATCH IN COLOR. COLOR TO BE SELECTED BY OWNER.
- CONTRACTOR TO VERIFY CODE REQUIREMENTS FOR PLACEMENT OF ALL FIRE SAFETY EQUIPMENT INCLUDING BUT NOT LIMITED TO EXIT SIGNS, FIRE ALARMS, STROBES, ETC...AND SHALL INSTALL SAME PER ALL APPLICABLE CODE REQUIREMENTS. ALL LIGHTING LENSES SHALL BE CLEANED SUCH THAT THEY ARE FREE DF
- PROVIDE LIGHT SWITCH AT DRYWALL ENCLOSED ROOM, LOCATE SWITCH AT 6" FROM STRIKE SIDE OF DOOR FRAME, MOUNTED AT 48" A.F.F. UNLESS
- NO SWITCH SHALL SERVE MORE THAN ONE LIGHT TYPE. PROVIDE CFM REPORTS FOR REVIEW AND AIR BALANCE PER BLDG. STANDARDS. PROVIDE AIR BALANCE REPORTS TO OWNER FOR FINAL
- APPROVAL. USE OWNER'S TEST & BALANCE CO.

 13. ALL GYPSUM BOARD CEILINGS & SOFFITS SHALL BE IN COMPLIANCE WITH DRYWALL SECTION OF CONSTRUCTION NOTES.

 14. PROVIDE APPROPRIATE CLEARANCE FOR FIXTURES PER MANUFACTURE, DUCTS AND ALL REQUIRED ELEMENTS TO MAINTAIN SPECIFIED CEILING HEIGHT.
 - CONTRACTOR TO PROVIDE AND INSTALL SOUND DAMPERS IN
 DUCTWORK PENETRATING ACCUSTICAL INSULATED PARTITIONS. PROVIDE AND
 INSTALL FIRE DAMPERS IN DUCTWORK PENETRATING ANY FIRE RATED 18. LED EXIT SIGNS ARE TO BE PLACED AS REQUIRED. JUND LIGHTING, RED
 - PROVIDE NECESSARY MOUNTING HARDWARE AND ACCESSORIES FOR ALL FIXTURES. 20. PROVIDE .125 NOM. THICKNESS LENSES (MINIMUM) FOR FLUORESCENT FIXTURES.
- DIRT AND FINGER PRINTS ALL EMERGENCY, EXIT AND NIGHT LIGHT FIXTURES SHALL BE CONNECTED AHEAD OF LOCAL SWITCHES UNLESS OTHERWISE NOTED.
 ALL TRACK LIGHT FIXTURES LOCATED OVER SERVICE COUNTER LAMPS SHALL USE SHATTERPROOF LAMP- "TUF-SKIN" LAMP.
 ALL HANGING LIGHT FIXTURES TO BE CENTERED ON BOOTH TABLES. \$ INDICATES SWITCHING LOCATIONS WITH ACCOMPANYING NUMBER INDICATING FIXTURES TO BE CONTROLLED FROM THIS LOCATION. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE NUMBER OF SWITCHING DEVICES REQUIRED TO CONTROL THE FIXTURES INDICATED IN A LIGHTING
 - ALL WALL COVER PLATES TO BE BLACK. ALL LIGHTS TO BE ON DIMMERS

GENERAL NOTES: * ALL SUBCONTRACTOS ARE RESPONSIBLE FOR VERIFYING INFORMATION OF THEIR SPECIFIC TRADE WITH OTHER TRADE SUBCONTRACTORS AND THE G.C.

ACCOUSTICAL CEILING GRID CONTINUED ABOVE COOLER WITH NO FIXTURES DIRECTLY

OVER COOLER

0 8-6"

(B OPEN)

* VERIFY ANY DISCREPANCIES ON PLANS OR SITE WITH SITE SUPERINTENDENT

EQUIPMENT PLAN

DRAWING NOTES: These drawings are intended to delineate different parts of the building and are to be used as an illustration. Every effort has been made in preparing these plans and checking them for dimensional and general accuracy. Before starting construction, the builder and the sub-contractors must review and be

NOTE TO ALL SUBCONTRACTORS VERIFY KITCHEN EQUIPMENT REQUIREMENTS, LOCATION, ETC., WITH CONTRACTOR PRIOR TO INSTALLATION !!!

responsible for all details and dimensions of their trades and to insure that these plans

- Do not scale
- 2. Verify all details & dimensions in field & on plan
- 3. All structural to be verified by others
- 4. FIELD VERIFY & BECOME FAMILIAR W/JOB SITE & CONDITIONS.

meet all current governmental requirements for the area.

GENERAL NOTES:

- * ALL SUBCONTRACTOS ARE RESPONSIBLE FOR VERIFYING INFORMATION OF THEIR SPECIFIC TRADE WITH OTHER TRADE SUBCONTRACTORS AND THE G.C
- VERIFY ANY DISCREPANCIES ON PLANS OR SITE WITH SITE SUPERINTENDENT
- AN OMISSION ON THE PLAN DOES NOT RELEASE THE SUBCONTRACTOR FROM THE RESPONSIBILITY OF COMPLETING WORK TO ALL AREA CODES.

NOTES:

- All wallshelves pot Racks to be INSTALLED ON reinforced walls BY gen. contractor
- The contractor shall balance the air conditioning and hood exhaust system for this building certification of air balance shall be given to tenants representative
- 3 The contractor shall coordinate with and provide labor assistance to tenants equipment installer for unloading delivered equipment, and the installation of equipment.
- 4 The contractor shall recieve and install tenants walk-in food cooler. and ice machine/remote. These items are to be installed prior to arrival of tenants equipment installer.
- 5 The contractor shall take delivery of and install tenants hood and all associated equipment.

NOTES:

- 6 Gen. Contractor shall install ACCUDOSE (Item # 57). Location shown on K-1 plan.
- Gen. Contractor shall install all ART WORK and MENU BOARD (Item # 38). Location of MENU BOARD shown on K-1 plan.
- 8 Sneeze Guard Contact Roy Entwistle Hardware Specialties 1421 S. Balboa Ave. Ontario, CA. 91761 909-975-4853

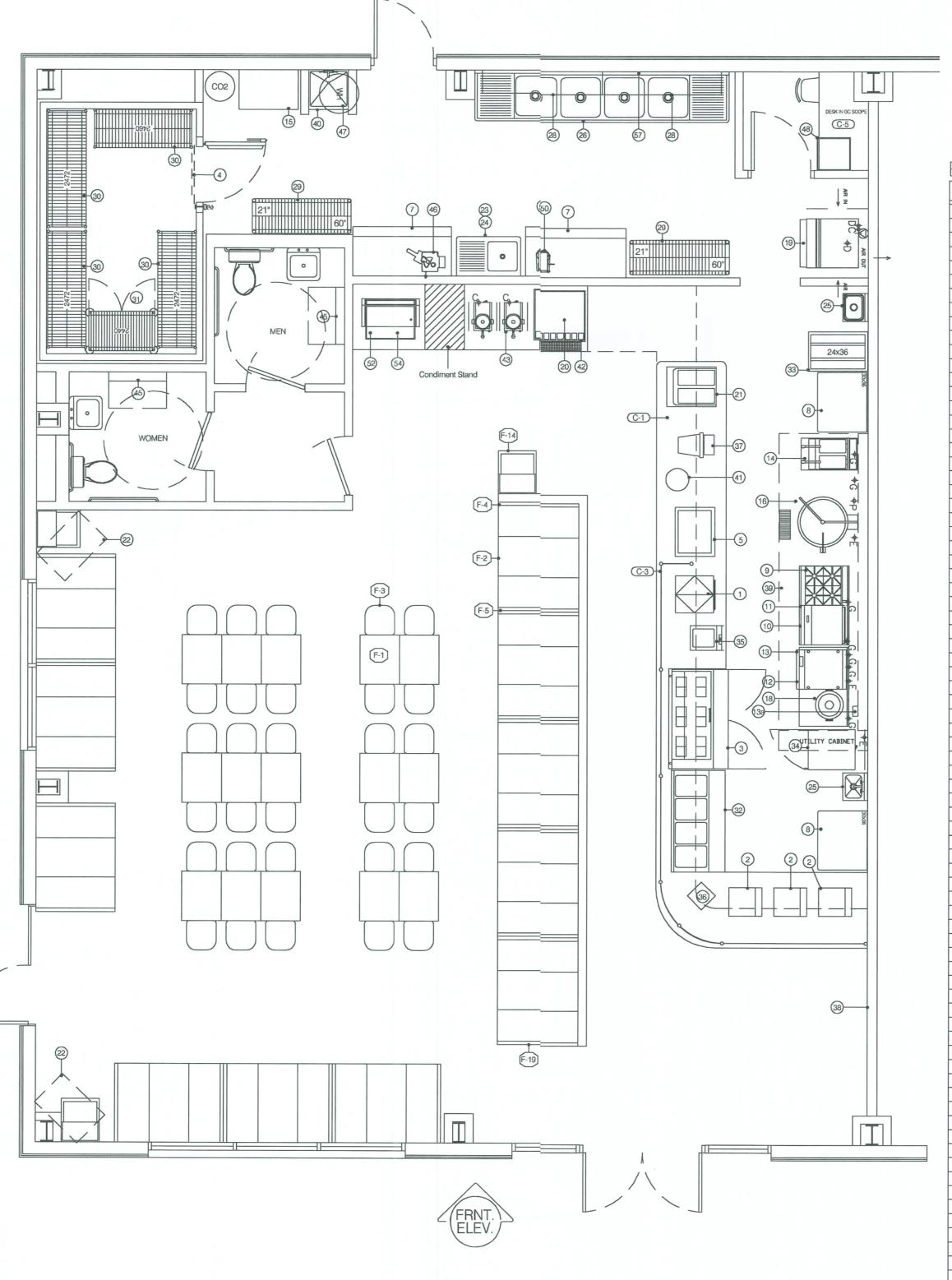
NOTE TO ALL SUBCONTRACTORS:

FIELD VERIFY & BECOME FAMILIAR W/JOB SITE & CONDITIONS.

NOTE: SEE SHEET K-2 FOR EQUIPMENT SHEDULE/DATA

NOTE: SHOULD THIS JOB REQUIRE "HEATED" MAKE-UP AIR, SEE EQUIPMENT SCHEDULE FOR FAN SIZING AND BTU LOAD.

THE GENERAL CONTRACTOR'S (G.C.) BASE BID: PROVIDE ALL ENGINEERED PLANS & ALL WORK AS MAY BE REQUIRED FOR PLUMBING, HVAC, VENTILATION, EXHAUST HOOD, SITE PLANS, HEALTH DEPARTMENT, AND ANY OTHERS THAT MAY BE REQUIRED PER ALL STATE & LOCAL REQUIREMENTS



FQ	UTF	PMENT SCHEDULE
#	QTY	
2	3	CHIP WARMER COUNTERTOP STEAMER
2a	1	SINGLE UNIT WATER REGULATOR, NOT SHOWN
3	1	REFRIGERATED PREP TABLE W/CASTERS
3a	1	CUTTING BOARD, SECURITY CLIP
3b	1	11 3/4" CUTTING BOARD
4	1	WALK-IN COOLER, 20'-0 3/4" X 8' - 2 3/4"
5	1	DROP IN ICE PAN
6	1-	SPARE #
7	2	S/S WORK TABLE 30" x 60"
8	2	30" × 36" WORK TABLE
9 9a	1	HOT PLATE 4 BURNER 24" QUICK DISCONNECT HOSE 3/4"
10	1	HD-ST-ST EQUIP STD, 48" × 30" W/ST/ST UNDERSHELF & LEGS
	_	CASTERS EQIUP STD (NOT SHOWN)
11	1	24" GRIDDLE COUNTERTOP MANUAL W/ THERMO CONT
11b	1	QUICK DISCONNECT HOSE 1/2"
12	1	HD-ST-ST EQUIP STD, 48" x 30" W/ST/ST UNDERSHELF & LEGS
	_	HD CASTERS FOR CLAMSHELL EQIUP STD (NOT SHOWN)
13	1	CLAMSHELL GRILL
130	_	4 CHANNEL TIMER QUICK DISCONNECT HOSE 1/2"
13b	1	QUICK DISCONNECT HOSE 1/2"
14	1	FRYER (GAS), 70-90 LB CAPACITY W/ CASTERS
14a	5	QUICK DISCONNECT HOSE 3/4"
14b	_	SPARE #
15	1	BAG-BOX-IN
16	1	STEAM KETTLE, 30 GAL SELF CONTAINED, FLR. MODEL
16a	1	QUICK DISCONNECT HOSE 1"
16b	1	12" FAUCET
16c	1	TROUGH DRAIN
17	-	NOT USED
18 18a	1	QUICK DISCONNECT HOSE 1/2"
19	1	ICE MAKER, AIR COOLED, SELF-CONTAINED, W/ BIN
20	1	ICE CUBER
21	1	ICE/DRINK DISPENSER
22	2	DVERHEAD TV STAND (BY G.C.)
23	1	S/S DNE COMPARTMENT SINK W/24" DRAINBOARD (L.)
24	1	12" SPOUT FAUCET
25	2	S/S HAND SINK W/ FAUCET, WALL MOUNTED
26	1	S/S THREE COMPARTMENT SINK W/ 24" DRAINBOARDS PRE-RINSE UNIT W/ FAUCET
26a 26b		12" SPOUT FAUCET
27	-	NDT USED
28	2	CHROME STORAGE SHELVES 14" x 72",NOT SHOWN
280	2	CHROME STORAGE SHELVES 18" x 72", NOT SHOWN
_	2	CHROME STORAGE SHELVES 18" x 48", NOT SHOWN
	2	CHROME STORAGE SHELVES 14" × 36", NOT SHOWN
		CHROME SINGLE WALL BRACKETS, 18", NOT SHOWN
29		CHROME SINGLE WALL BRACKETS, 14", NOT SHOWN CHROME STORAGE SHELVES (SEE PLAN FOR SIZES)
		CHROME 74" POST
30	16	EPOXY STORAGE SHELVES 24" x 60"
	_	EPOXY 74" POST
31	1	BEVERAGE SECURITY UNITS, 24" x 40"
32	1	FOUR WELL HOT FOOD TABLE
320		12" CUTTING BOARD FOR FOUR WELL HOT TABLE
32b		HOT FOOD TABLE ADAPTERS
33	1	DUNNAGE RACK-24" x 8" x 36" FOOD WARMERS W/ CASTERS
35	1	DROP-IN HOT FOOD WELL
36	1	STORAGE WELL
37	1	CASH REGISTER
38	1	MENU BOARD, NON-ILLUMINATED, NOT SHOWN
39	1	HODD SYSTEM - U.L. & NSF APPROVED
40		MOP SINK, 24" x 24" FLOOR MOUNT
41	1	COOKIE DISPLAY ICE SODA DISPENSER
43	1 2	TEA DISPENSERS
43a	1	TEA BREWER
44	-	SPARE #
45	2	BABY CHANGING STATION
46	1	COMMERCIAL FOOD PROCESSOR
47	1	WATER HEATER
48	1	STEEL B-RATE SAFE (BY DWNER)
49 50	1	SPARE # MIXER
51	_	SPARE #
52	1	DROP IN COLD PAN 22.5" x 30.5"
53	1	TEMPLATE (NOT SHOWN)
54	1	SNEEZE GUARD FOR SALSA BAR
55	1	COLD PAN BRACKET SET (NOT SHOWN)
56	2	UNDERCOUNTER CASEWORK (NOT SHOWN)
56a	4	UNDER COUNTER CASEWORK (NOT SHOWN) ACCUDOSE
57	ī	1100000000

FURNITURE SCHEDULE # QTY DESCRIPTION F-1 15 24"x30" "T" MOLD LAMINATE TABLE TOP W/ BASE F-2 11 24"x46" "T" MOLD LAMINATED BOOTH TABLE TOPW/ BASE
F-3 30 BIEDER MEIER CHAIR, MAH "SEAT"
F-4 8 46" WIDE FLAT-SINGLE BOOTH F-5 7 46" WIDE FLAT-DOUBLE BOOTH F-6 4 HIGH CHAIR (STACKABLE, NOT SHOWN) F-7 -- MIRA-COLOR MULTI MATERIAL F-8 -- BAR W/ FINISH BACK SPLASH- 5'-0"x1'-6" F-9 -- BAR W/ FINISH BACK SPLASH- 6'-0"x1'-6"
F-10 - BAR W/ FINISH BACK SPLASH- 8'-0"x1'-6" F-12 - 66"WIDE FLAT-SINGLE BOOTH F-13 - 66" WIDE FLAT-DOUBLE BOOTH F-14 3 TRASH RETURN F-15 - 36" ROUND METAL PATIO TABLE F-16 - METAL PATIO CHAIRS WITH ARMS F-17 - 24" X 66" MOLD LAMINATED TABLE TOP W/ BASE F-18 - 36" ROUND BAR HEIGHT TABLE F-19 6 FINISHED WOODEN BACK ON BOOTH F-20 - 6 PERSON BOOTH F-21 - DUTDOOR SEATING (4 SEATS) CASEWORK SCHEDULE # QTY DESCRIPTION C-1 1 FRONT COUNTER TO MOE'S SPECIFICATIONS C-2 1 SALSA/DRINK BAR

C-3 1 SNEEZE GUARD FOR FRONT COUNTER

BE LOCATED 24" AFF

CONNECTION DETAILS

C-4 - SPARE #
C-5 1 DESK TOP (BY OWNER)
C-6 - SPARE #

SYMBOL DESCRIPTION

GAS

E ELECTRICAL

NOTE: ALL CONNECTIONS ARE TO

FOR MORE DETAILS REFER TO A 3.2

♦P PLUMBING

4 Dzines, LLC

3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977.9996 F.770.579.0643

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Seal Area



Revisions:

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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description: Equipment Plan

Project #: D00630-S04

Date: 10.28.04 Scale: 1/4"=1'-0" Designer: MEB

E(QUIPMENT						PLI	JMBI	VG			ELEC	CTRIC	AL					REMARKS
NO. QTY	ITEM	MANUFACTURER	MODEL NUMBER	FURN. BY	INST. BY	FINAL	WAT		WAST		GAS	LOAD	1 1	DUAGE	A1400	LIDAMATT	DEVICE	HEIGHT	
1 1	CHIP WARMER	TEXICAN SPECIALTY PRODUCTS, INC.	CD-45	KES	KES	EC	HW	CW	DIR.	INDIR.	SIZE BTU/HR	VOLTS 120	HZ 60	PHASE 1	AMPS 7.0	HP/WATT	OUTLET DISC.	18"	22 GAL CAPACITY, ON 2.5" LEGS, 8'-0" CORD & PLUG PROVIDED
2 3	COUNTERTOP STEAMER	ROUND UP	DFWT-200	KES	KES	PC/EC		1/2"				120	50/60	1	15.0	1800 W		18"	6'-0" CORD & PLUG PROVIDED
2a 1	SINGLE UNIT WATER REGULATOR (NOT SHOWN)	ROUND UP	7000314	GC	GC	PC													
2b 1	DUAL UNIT WATER REGULATOR (NOT SHOWN) REFRIGERATED PREP TABLE W/CASTERS	ROUND UP VICTORY	7000235 VUR-5-24BT	GC KES	GC	PC EC/PC						115	60	1	8.8			26 1 /0#	NEMA PLUG L5-30 REQUIRES SPECIAL RECEPTACLE
3a 1	CUTTING BOARD, SECURITY CLIP	VICTORY	VOIT 0 24D1	KES	KES	10/10		+			:	113	00	- '	0.0			30 1/2	NEWAY EOO EGGOTTEGOTTEGET TAGE
3b 1	CUTTING BOARD	VICTORY		KES	KES			 											
4 1	WALK-IN COOLER, 8'-8 1/2" x 10' x 13'-0"	AMERICAN PANEL	CUSTOM	KES	GC							208/230	60	3		1.01 HP		8'-3 3/4"	8'-8 1/2" x 11'-7" x 8'-3/4", 35°F COOLER, FLOORLESS, REMOTE COMPRESSOR FROM ROO
5 1	DROP IN ICE PAN	SUPREME METAL	CPU-3-MOE	KES	GC	PC	-		3	3/4"									43 1/2" x 24" x 7", w/ S/S ADAPTER BARS, S/S PERF. FALSE BOTTOM
6 -	SPARE #	-	-	-	-	-	-	-						-	-				36" x 24"w/ 3 SIDES 5" BACKFLASH & GALV. UNDERSHELF
Sa -	SPARE # S/S WORK TABLE, 30" × 60"	ADVANCE TABCO	ELAG 305-2X	KES	- KES	-	-	-	-					-	1			-	
8 2	WORK TABLE 30" × 36"	ADVANCE TABCO	FLAG-303	KES	KES			+											
9 1	CHARBROILER, GAS, COUNTER MODEL, 24"	APW WYOTT	GCRB 24 H M	KES	KES	PC					3/4" 75,000								NATURAL GAS
9a 1	QUICK DISCONNECT HOSE	DORMONT	1675KIT48	KES	GC	PC		<u> </u>											
10 1	S/S EQUIPMENT STANDS, 24"x24"	ADVANCE TABCO	EG-242	KES	KES	1	-												24" x 36" w/ 1 1/2" LIP, TA-25 DRAWER, ON LOCKING CASTERS
10a 1set	CASTERS FOR EQUIPMENT STANDS 24" GRIDDLE COUNTERTOP MANUAL w/THERMO CONTR	ADVANCE TABCO APW WYOTT	TA-25 21817600	KES	KES KES	PC	-	-			3/4" 50,000		-	1				-	UNDER #9 BOTH UNITS TO TOTAL 100,000 BTU (PROPANE GAS IS DIFFERENT-VERIFY)
11a 2	QUICK DISCONNECT HOSE	DORMONT	1675KIT48	KES	GC	PC		 			3/4 30,000								THE AND BUTTEREN VERM TY
12 1	S/S EQUIPMENT STAND, 30"x 72"	ADVANCE TABCO	EGLG-306-X	KES	KES	EC								1					UNDER #11
	CASTERS FOR EQUIPMENT STAND	ADVANCE TABCO	TA-255	KES	KES														w/ UNDERSHELF & LOCKING CASTERS (T-25)
13 1	CLAMSHELL GRILL	LANG	AGC N MOES	KES	KES	+		ļ				115V	60Hz	1	4.0	1.0 KW	• •		
13a 1	2 CHANNEL TIMER QUICK DISCONECT HOSE	TIME TECH ST DORMONT	TTS 1650KIT48	KES	KES	EC EC								-					
13b 1 14 1	GAS FRYER, 52 LB CAPACITY w/ CASTERS	DEAN INDUSTRIES	SR152GN00007	KES	KES KES	PC		-			3/4" 120,000			-					52 LB CAPCITY w/ CASTERS,NATURAL GAS-MODEL#-S 8100356;8100357;8261113
14a 1	QUICK DISCONNECT HOSE	DORMORT	1675KIT48	KES	GC	PC		-			120,000			+				-	oz EB O/ W CITT W/ C/NOTE NO, W WOT W E CIT W C C TO COCCO, C C C C
15 1	BAG-IN-BOX	BY VENDOR		KES	GC														
16 1	STEAM KETTLE, 30 GAL SELF CONTAINED, FLR.MODEL	LEGION	LGB-30 OLD STYLE	KES	KES	EC/PC					1/2" 120,000								30 GAL SELF CONTAINED, FLR.MODEL, PIPING 1/2" IPS
16a 1	QUICK DISCONNECT HOSE	DORMONT	1650KIT48	KES	GC			<u> </u>											
17 -	NOT USED	-	-	=	-	-						-	1-1	-	-	-		-	
17a - 17b -	NOT USED NOT USED	-	-	-	_	-	1	+											
18 1	AUTOMATIC GAS RICE COOKERS	RIANNI	RER55ASN	KES	GC	PC		+			1/2" 35,000			+				1	PIPING 1/2"IPS
18a 1	DISCONNECT HOSE	DORMORT	1650KIT48	KES	GC	EC													
19 1	ICE MAKER, AIR COOLED, SELF-CONTAINED, W/BIN	SCOTSMAN	CME506AS-1D & HTB350	KES		EC/PC		1/2"		3/4"		115	60	1	19.0	0.8 HP	•	73"	ELECTRIC CORD BY GC
20 1	ICE CUBER	SCOTSMAN BY COKE VENDOR	CME-656-AS-32FT	KES	GC	EC/PC		1/2"		3/4"		208	60	1	26.7	3.5 HP	•	82"	START UP BY GC
20a 1 21 1	ICE MACHINE ADAPTER ICE/DRINK DISPENSER	BY COKE VENDOR CRATHCO BEVERAGE SYSTEM	MG232B	KES	KES	EC/PC		-				115	60	1	13.8	1320 W		23"	#5-20R RECEPTACLE, RECEPTACLE, START UP & ELECTRIC CORD BY GC
22 3	OVERHEAD TV STAND	-	-	KES	GC	EC EC		+				110	- 00	+ '	10.0	1020 11		23"	" 5 ZOTTILOLI INOLL, FILOLI INOLL, SINITI OF & ELECTRIC COND BT GO
23 1	S/S ONE COMPARTMENT SINK w/24" DRAINBOARD (R.)	ADVANCE TABCO	FC1-1818-18RX	KES	GC	PC	1/2"	1/2"	1 1,	/2"IPS				1					
24 1	12" SPOUT FAUCET	ADVANCE TABCO	K-1X	KES	GC	PC													
25 2	S/S HAND SINK w/ FAUCET, WALL MOUNTED	ADVANCE TABCO	7-PS-60-2X	KES	GC	PC	1/2"	1/2"		/2"IPS									
26 1	S/S FOUR COMPARTMENT SINK w/24" DRAINBOARDS	ADVANCE TABCO	9-44-96-24RL	KES	GC	_	1/2"	1/2"	1 1,	/2"IPS				-					
26a 1 26b 1	PRE-RINSE UNIT w/ FAUCET 12" SPOUT FAUCET	T & S ADVANCE TABCO	BO 133 - B156/BO 109-1 K-1X	KES	GC	PC	1	+						-					
27 -	NOT USED	-	-	-	-			+						+					
28 2	CHROME STORAGE SHELVES 14" x 72", WALL MNT., NOT SHOWN	ADVANCE TABCO	1472	KES	KES									1					-
	CHROME STORAGE SHELVES 18" x 72", WALL MNT., NOT SHOWN	ADVANCE TABCO	EC 1872	KES	KES														
	CHROME STORAGE SHELVES 18" x 48", WALL MNT.NOT SHOWN	ADVANCE TABCO	EC 1848	KES	KES			<u> </u>											
	CHROME STORAGE SHELVES 14"x36",WALL MNT. NOT SHOWN CHROME SINGLE WALL BRACKETS, 18"	ADVANCE TABCO ADVANCE TABCO	1436 SB-18	KES	KES									-					-
	CHROME SINGLE WALL BRACKETS, 18" CHROME SINGLE WALL BRACKETS, 14"	ADVANCE TABCO ADVANCE TABCO	SB-18	KES	KES		1	+				_							
29 8	CHROME STORAGE SHELVES 24" x 60" W/ CASTERS	ADVANCE TABCO	EC-2460	KES	KES			+											
29a 8	CHROME 86" POST	ADVANCE TABCO	ECP-86	KES	KES														
30 16	EPOXY STORAGE SHELVES 24" x 60" W/ CASTERS	ADVANCE TABCO	EG2460	KES	KES														IN WALK IN COOLER
30a 16	EPOXY 74" POST	ADVANCE TABCO	EGP-74	KES	KES			ļI											IN WALK IN COOLER
31 1	BEVERAGE SECURITY UNIT 24" x 36" FOUR WELL HOT FOOD TABLE	METRO	SEC53DK2/2436NK2	KES	KES	F0		+						-	0.0	0.000	_	4.0"	SHELVES & CASTERS
32a 1	12" CUTTING BOARD FOR FOUR WELL HOT TABLE	TRIUMPH TRIUMPH	PSW-4E-120-MOE MOE	KES KES	KES KES	EC		+				120	-		30	640 W	•	18"	
32b 8	HOT FOOD TABLE ADAPTERS	ADCANCE	MOE- ADAPTER	, , , , ,	VES			+											
33 1	DUNNAGE RACK - 24" x 8" x 36"	NEW AGE	6014	KES	KES														
34 1	FOOD WARMER w/ CASTERS	ALTO-SHAAM	1200-SR/STD	KES	KES	EC						120	60	1	9.6	1,200 WATTS	•	40"	NEMA 5-15P
35 1	DROP-IN HOT FOOD WELL	APW WYOTT CLISTOM	HFW-23	KES	KES	EC/PC		ļ				120	60	1	12.5	800 WATTS	•	48"	CUTOUT 13 3/4" x 14 1/2"
36 1 37 1	STORAGE WELL CASH REGISTER	APW WYOTT CUSTOM BY OWNER	DD4 BY OWNER	KES OWNER	KES GC	EC							-						
38 1	MENU BOARD, NON-ILLUMINATED, NOT SHOWN	COLOR REFLECTIONS	CUSTOM	OWNER	GC			+						-					
39 1	HOOD SYSTEM - U.L. & NSF APPROVED	CUSTOM	S/C MOE	KES	GC	EC		+		-				+					
40 1	MOP SINK, 24" x 24" FLOOR MOUNT	BY PLUMBER	BY PLUMBER	GC	GC	PC													
41 1	COOKIE DISPLAY	BY VENDOR	BY VENDOR	VENDOR	GC														
42 1	ICE SODA DISPENSER	BY VENDOR	BY VENDOR	VENDOR	GC														
132 1	TEA DISPENSER TEA BREWER	BY VENDOR BY VENDOR	BY VENDOR	VENDOR VENDOR	GC														
43a 1 44 -	SPARE #	- PI VENDOR	BY VENDOR	VENDOK	- 40							-							
14a -	SPARE #	-	-	-	-			+		1.									
45 2	BABY CHANGING STATION	KOALA CORPORATION	KB 100-01 GRAY	KES	KES			1											
46 1	COMMERCIAL FOOD PROCESSOR	ROBOT COUPE	CL50	KES	KES	EC						120	60	1	12.0	0.5 HP	•	4" ACH	CORD & PLUG, NEMA 5-15P
47 1	WATER HEATER	A.O.SMITH	BTH 150	GC	GC	PC					150,000								
48 1	STEEL B-RATE SAFE (BY OWNER)			19	-														BOLT TO FLOOR
49 -	SPARE #	THUNDEDDIDD	DEM DIZ	NEO	VEO														
50 1 51 1	MIXER SNEEZE GUARD	THUNDERBIRD PRIMIER BRASS	PFM-PK	KES	KES											-			OF CHANINEL TUDE EMOON FINISH 7040/CONTACT. TOURING MEDICAL CO.
		DELFIELD	- SC1	GC KES	GC KES	EC			1"			115			-				2" CHANNEL TUBE, FMC2N FINISH 7040/CONTACT: JOHN WELDON 404-873-6000
52 1	DROP IN COLD PAN				1		1		1		1	115	1	1	1 7			1	
	DROP IN COLD PAN TEMPLATE	CAL-MIL	728-13, 453-13, 407-813	KES	KES														



4 Dzines, LLC 3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977.9996 F.770.579.0643

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Client



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Project Title:

MOE'S of Lake City Columbia County Lake City, FL

In-Fill

Sheet Description:
Equipment Schedule

Project #: D00630-S04

Date: 10.28.04

Scale: 1/4"=1'-0"

Designer: MEB

K-2

FOOD SERVICE EQUIPMENT NOTES

THE RESPONSIBILITY OF THE INSTALLATION OF THE FOOD SERVICE EQUIPMENT IS INDICATED AS MARKED BELOW: BY GENERAL CONTRACTOR (SEE NOTE I)

GENERAL NOTES

- 1. ITEMS NOT SPECIFICALLY MENTIONED BUT NECESSARY TO COMPLETE THIS PROJECT IN ACCORDANCE WITH THE DRAWING SPECS, AND AS NECESSARY TO PROVIDE A COMPLETE & FUNCTIONAL PROJECT TO THE OWNER, SHALL BE ASSUMED TO BE SUPPLIED & INSTALLED BY THE GENERAL CONTRACTOR (G.C.), UNLESS CLARIFIED PRIOR TO EXECUTION OF OWNER/ CONTRACTOR AGREEMENT.
- 2. TELEPHONE AND COMMUNICATION LINE LOCATIONS ARE NOT SHOWN ON THE KITCHEN PLANS PROVIDED BY THE K.E.C. THESE ARE THE RESPONSIBILITY OF OTHERS.
- 3. GENERAL CONTRACTOR TO PROVIDE ANY BUILDING WALL OR ROOF OPENINGS, CHASES, OR PITCH POCKETS REQUIRED FOR THE INSTALLATION OF REMOTE REFRIGERATION LINES, EXHAUST SYSTEM
- 4. BAR COUNTERS (IF APPLICABLE) ARE TO BE 42" HIGH OVERALL FROM FINISHED FLOOR TO THE TOP OF COUNTER.
- 5. ALL WALL SHELVES, POT RACKS, AND WALL MOUNTED EQUIPMENT, ETC. TO BE HUNG AND/OR INSTALLED ON REINFORCED WALLS BY GENERAL CONTRACTOR.
- 6. CEILING HEGHT IN THE KITCHEN AND ICE MACHINE AREAS TO BE 9'-0" 10 10'-0" FROM FINISHED FLOOR FOR PROPER CLEARANCES (UNLESS O'HERWISE SPECIFIED).

NOTE I. - RESPONSIBILITY OF THE FOOD SERVICE EQUIPMENT: IN REFERENCE TO CONTRACTOR INSTALLED (DROP SHIPPED) EQUIPMENT

GENERAL CONTRACTOR IS TO CHECK WITH CONTRACT DOCUMENTS TO VERIFY RESPONSIBILTY OF THE FOOD SERVICE EQUIPMENT INSTALLATION.

SHOULD THE BOX BE MARKED SPECIFYING THE G.C. TO BE RESPONSIBLE, THE FOLLOWNG APPLIES:

RESPONSIBILTY FOR RECEIPT OF OWNERS EQUIPMENT

CONTRACTOR SHALL RECEIVE AND ACCOUNT FOR THE OWNER SUPPLIED FOOD SERVICE EQUIPMENT, FURNITURE, WALK-IN COOLERS, EXHAUST SYSTEMS. AND ACCESSORIES IN THE FOLLOWING MANNER WHEN IT IS SHIPPED TO THE JOBSITE G.C. SHALL BE RESPONSIBLE FOR THE PROPER UNLOADING, STORING, SAFETY, SECURITY, FROM THE TIME OF DELIVERY TO THE TIME OF THE OWNER POSSESSION.

IF EQUIPMENT IS DELIVERED IN DAMAGED CONDITION DO NOT REJECT THE SHIPMENT. DO THE FOLLOWING: HAVE THE DRIVER NOTE THE DAMAGE AND SIGN OFF

- COPIES OF FREIGHT BILL. 2. EXAMINE FOR CONCEALED DAMAGE AS SOON AS POSSIBLE PREFERABLE BEFORE THE DRIVER LEAVES THE SITE
- 3. NOTIFY THE CARRIER OF A FREIGHT CLAIM WITHIN 15 DAYS OF DELIVERY.
- 4. RETAIN DAMAGED ITEMS AND PACKAGING UNTIL INSPECTED BY CARRIER.
- 1. STEPS TO TAKE AT THE TIME OF DELIVERY TO PROTECT AGAINST LOSS
- A. VERIFY COUNT OF CARTONS RECEIVED VERSUS CARTON QUANTITY NOTED ON DELIVERY RECEIPT. NOTE ANY SHORTAGES ON CARRIER'S DELIVERY RECEIPT AND HAVE DRIVER NOTE SAME ON YOUR COPY. B. CAREFULLY EXAMINE EACH CARTON FOR DAMAGE - IF DAMAGE IS VISIBLE, NOTE THIS ON DELIVERY RECEIPT AND HAVE DRIVER NOTE SAME DN YOUR COPY. IF CARTON APPEARS TO HAVE INTERNAL
- INSPECTION OF THE INSIDES WITH DRIVER. NOTE ANY CONCEALED DAMAGE ON DELIVERY RECEIPTS. C. IMMEDIATELY, AFTER DELIVERY, OPEN OF CARTONS AND INSPECT

FOR CONCEALED DAMAGE.

DAMAGES, INSIST THE CARTON BE OPENED. MAKE A JOINT

2. STEPS TO TAKE WHEN VISIBLE OR CONCEALED DAMAGE IS DISCOVERED:
A. RETAIN DAMAGED ITEMS—HOLD ONTO ALL DAMAGED ITEMS, SHIPPING CARTONS AND ALL INNER PACKING MATERIALS UNTIL A CARRIER

REPRESENTATIVE INSPECTS THEM. DO NOT MOVE THEM OFF SITE.

NOTE III -- KITCHEN EQUIPMENT ELECTRICAL NOTES 1. FOOD SERVICIE EQUIPMENT WILL BE PROVIDED WITH THE FOLLOWING ELECTRICAL REQUIREMENTS. CONTACT K.E.C. IF DIFFERENT.

2. ALL OUTLETS AND CONNECTIONS SHOWN RELATE TO FOODSERVICE AND EQUIPMENT

ONLY. SEE ENGINEERING DRAWINGS FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

3. THIS ELECTRICAL ROUGH-IN PLAN FOR FOOD SERVICE EQUIPMENT IS INTENDED TO SHOW OUTLET LOCATIONS, CONNECTION POSITIONS AND LOADS. ANY DIMENSIONS SHOWN ARE FROM

- 4. ALL ELECTRICIAL FOR THE FOOD SERVICE EQUIPMENT SHALL BE COMPLETELY WIRED BY THE EQUIPMENT MANUFACTURER TO A JUNCTION BOX MOUNTED ON THE EQUIPMENT IN AN ACCESSIBLE POSITION. FINAL CONNECTION TO EQUIPMEN'T JUNCTION BOX, AND ALL ELECTRICAL WORK FROM THE ELECTRICIAL PANEL, TO BE BY THE ELECTRICAL CONTRACTOR.
- 5. FINAL CONNECTION TO ALL EQUIPMENT TO BE BY ELECTRICAL CONTRACTOR.
- 6. ELECTRICAL CONTRACTOR SHALL FURNISH & INSTALL THE FOLLOWING: *ALL JUNCTION BOXES, ELECTRICAL OUTLETS, COVER PLATES, SWITCHES, ETC. UNLESS OTHERWISE INDICATED.

*ALL PLUGS AND CORDS AS NOTED OF THE SCHEDULE. ALL CORDS SHALL BE N.E.M.A.-RATED AND UL-APPROVED FOR MANUFACTURED OR FABRICATED EQUIPMENT.

*SHUNT-TRIP CIRCUIT BREAKERS OR DISCONNECTS FOR FIRE CONTROL SYSTEM SHUT-OFF OF FOODSERVICE EQUIPMENT BELOW HOODS/VENTILATORS AS REQUIRED BY NFPA-96 AND LOCAL CODES. *DISCONNECTS; OR OTHER DEVICES AS REQUIRED BY CODES, UNLESS OTHERWISE SPECIFIED.

7. WHEN APPLICABLE. ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT AND WIRING, INSTALL ELECTRICAL COMPONENTS (PROVIDED BY K.E.C.) , AND INTERWIRE BETWEEN THE FOLLOWING:

*REMOTE REFRIGERATION EQUIPMENT TO EVAPORATOR COILS OF WALK-IN COOLER/FREEZER.

*REMOTE REFRIGERATION EQUIPMENT TO ICE MAKER AND REFIGERATION. *KITCHEN EXHAUST HOOD/VENTILATORS TO FIRE CONTROL SYSTEM AND SHUT-OFFS (IF APPLICABLE).

*INSTALL ELECTRICAL BOX AND CONDUIT TO HOUSE K.E.C. SUPPLIED PULL STATION FOR THE FIRE SUPPRESSION SYSTEM (IF APPLICABLE).

NOTE: REFER TO SHEET K-1&K-2 FOR KITCHEN EQUIPMENT LOCATIONS, SCHEDULE AND ELECTRICAL INFORMATION.

ELECTRICIAN SHALL WIRE FROM HOOD ELECTRICAL CONTROL PANEL TO EXHAUST AND MAKE-UP AIR FANS ON THE ROOF, HE SHALL WIRE TO HOOD LIGHTS AND INTERCONNECT FIRE PROTECTION TO MAKE-UP AIR FANS AND GAS SHUT-OFF VALVE.

ELECTRICAL CONTRACTOR SHALL BRING 120/208 VOLT. 3 PHASE SERVICE TO THE TOP OF HOOD, @9'0"+/-. HE SHALL WIRE TO CONTROL PANEL IN THE ANSUL COMPARTMENT. THE FAN & LIGHT SWITCHES WILL BE MOUNTED TO THE FACE OF THE HOOD. (SEE HOOD DRAWINGS FOR EXACT LOCATIONS).

LECTRICAL CONTRACTOR SHALL WIRE FROM THE HOOD CONTROL PANEL TO THE EXHAUST & SUPPLY FANS ON ROOF. STARTERS (IF REQUIRED), DISCONNECT SWITCHES & TEIRMINAL BLOCK ARE INCLUDED IN THE HOOD PACKAGE. THE E.C. SHALL PROVIDE 120 VOLT SUPPLY CIRCUIT FROM THE FIRE SUPPRESSION SYSTEM TO THE SUPPLIED GAS SHUT-OFF VALVE, (PROVIDED BY THE K.E.C AND INSTALLED BY THE PLUMBING CONTRACTOR). ALL FUEL SOURCES UNDER THE HOOD CANOPY MUST BE SHUT--OFF WHEN THE FIRE SUPPRESSION SYSTEM IS DISCHARGED. (THE E.C. SHALL PROVIDE ALL SHUNT TRIP BREAKERS OR PANEL AS REQUIRED). E.C. SHALL PROVIDE 120V SUPPLY CIRCUIT TO J-BOX ON TOP OF THE HOOD FOR LIGHTS AND LIGHT SWITCHES. (SEE HOOD DRAWINGS AND SUBMITTALS FOR EXACT DETAILS).

* IF EXISTING HOOD AND FANS ARE USED, PLEASE VERIFY ALL SPECIFICATIONS AND LOAD DATA IN THE FIELD. * FOR ANY EXISTING EQUIPMENT, PLEASE VERIFY ALL SPECIFICATIONS

NOTE IV - KITCHEN EQUIPMENT PLUMBING NOTES

1.ALL CONNECTIONS SHOWN RELATE TO FOOD SERVICE EQUIPMENT ONLY. SEE ENGINEERING PLANS FOR ADDITIONAL INFORMATION.

2.PLUMBING ROUGH-IN PLAN IS INTENDED TO SHOW LOCATIONS, HEIGHTS, CONNECTION SIZES, POSITIONS AND LOAD REQUIREMENTS, DIMENSIONS ARE FROM FINISHED SURFACES.

3.FINAL CONNECTIONS TO ALL EQUIPMENT TO BE BY PLUMBING CONTRACTOR, INCLUDING REQUIRED MATERIALS, SUCH AS STOPS, VALVES, FILTERS, TRAPS, CHECK VALVES, PIPING, TUBING, SHUT-

4.PLUMBING CONTRACTOR TO FURNISH AND INSTALL THE FOLLOWING:

*ALL WATER, WASTE, GAS, AIR, VACUUM AND STEAM SERVICE TO THE POINT OF ROUGH-IN AS SHOWN ON PLAN. ROUGH-IN OUTLETS TO STUB 4" OUT OF WALLS AT HEIGHT INDICATED. CONTRACTOR TO BRANCH AND CONNECT TO FINAL LOCATION PER EQUIPMENT SPECIFICATIONS. ALL OPENINGS ARE TO BE SEALED WATERTIGHT.

*PRESSURE REDUCING AND/OR REGULATING VALVES AS REQUIRED BY MANUFACTURER. *ALL FLOOR SINKS, COMPLETE WITH TOP GRATES INDICATED, AND REMOVABLE SEDIMENT

BUCKETS SET FLUSH WITH FINISH FLOOR, UNLESS NOTED. *ALL WASTE LINES DIRECT OR INDIRECT, EXCEPT AS NOTED. MINIMUM DIAMETER OF

PLAN SHALL BE AS INDICATED ON PLAN, REGARDLESS OF CONNECTION SIZE AND SHALL BE PITCHED DOWNWARD, MAINTAIN DRAINS AS HIGH AS POSSIBLE ABOVE FLOORS. ALL WASTE LINES SHALL HAVE ADEQUATE CLEAN-OUT PROVISIONS.

*INDIRECT WASTE LINES FOR WALK-IN COOLER/FREEZER PITCHED 4"/12" AND WITH A "P"-TRAP AT END OVER FLOOR SINK. COPPER DRAINS ARE TO BE USED.

*HEATER TAPE WITH 36 WATTS PER LINEAL FOOT OF DRAIN LINE WILL BE PROVIDED -AND ARE TO BE INSTALLED BY PLUMBING CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR. HEATER TAPE AND INSULATION ARE TO BE USED ON ALL FREEZER DRAINS (ONLY) .

*ALL REQUIRED GREASE TRAPS, OUTSIDE THE BUILDING WHERE POSSIBLE, TO BE SIZED AND LOCATED BY THE ARCHITECT IN ACCORDANCE WITH LOCAL CODES.

*INSTALL FIRE CONTROL GAS SHUT-OFF VALVE(S) (IF REQUIRED), AS SUPPLIED BY K.E.C.

*VACUUM BREAKERS AS REQUIRED.

*MOP SINK & HOT WATER HEATER AS INDICATED ON DRAWINGS.

*INSULATION ON ALL STEAM, HOT WATER AND CONDENSATE LINES IN THE KITCHEN AREA ARE TO BE COLOR CODED ACCORDING TO LOCAL CODES.

*CLEAN-OUT VALVES FOR STEAM AND CONDENSATE LINES.

5.ALL VENT PIPES ARE TO BE CONCEALED IN WALLS OR COLUMN CHASES. USE LOOP-VENTS FOR ISLAND FIXTURES.

6.ALL EXPOSED PIPING AND FITTINGS IN KITCHEN AREA TO BE CHROME PLATED OR STAINLESS

*ARCHITECT TO VERIFY THE LOCATION OF SANITARY FLOOR DRAINS IN ACCORDANCE

*NOTE: REFER TO SHEET K-1 & K-2 FOR KITCHEN EQUIPMENT LOCATIONS & SPECIFICATIONS

NOTE V - ICE MACHINE INSTALLATION

1. THE GENERAL CONTRACTOR SHALL INSTALL THE ICE MACHINE REMOTE CONDENSER (IF APPLICABLE) TO BE LOCATED ON THE ROOF OR OUTSIDE OF BUILDING REFRIGERATION LINES TO BE RUN FROM THE ICE MACHINE TO THE CONDENSER WATER FILTER TO BE INSTALLED BETWEEN ROUGH-IN AND THE ICE MACHINE PIPE DRAIN LINES TO AN INDIRECT WASTE

NOTE VI- HOOD SYSTEM NOTES

- 1. THE GENERAL CONTRACTOR SHALL INSTALL THE EXHAUST HOOD, UNLESS OTHERWISE SPECIFIED, INCLUDING THE MAKE-UP AIR SYSTEM (HEATED OR UNHEATED) AND EXHAUST FANS ETC. WHICH IS FURNISHED BY THE K.E.C.
- ALL DUCT WORK IS TO BE PROVIDED AND INSTALLED BY THE G.C. 2. EXHAUST HOOD TO BE HUNG AT 6'-6" TO 7'-0" FROM FINISHED FLOOR TO THE BOTTOM OF THE HOOD. CONFIRM HEIGHT WITH LOCAL
- 3. GENERAL CONTRACTOR TO PROVIDE ANY FIRE CHASES AND OR FIRE
- INSULATING MATERIALS REQUIRED FOR THE EXHAUST DUCTS.
- 4. ALL DIMENSIONS SHALL BE FIELD VERIFIED BY OTHERS, BEFORE HOOD(S) ARE RELEASED FOR FABRICATION.
- 5. G.C. TO VERIFY LOCATION AND SIZES OF ALL FOOD SERVICE FAN CURBS PRIOR TO THE INSTALLAION OF THE ROOF JOIST.
- 6. HOOD INSTALLER TO CHECK BUILDING ACCESS, ENTRANCE, AND FIELD CONDITIONS TO ENSURE SUFFICIENT CLEARANCE TO ALLOW HOOD SECTIONS AND STANDARD DUCTWORK, SIZED AS PER DIMENSIONS ON DRAWINGS TO BE BROUGHT INTO THE BUILDING AND INSTALLED.
- 7. ALL STATIC PRESSURE AND AIR VOLUMES, AS SPECIFIED, TO BE CONFIRMED AND ACKNOWLEDGED BY THE BUILDING ARCHITECT OR AUTHORIZED ENGINEER.
- 8. HOOD SYSTEM TO CONFORM TO UL AND NFPA-96 CODES AND TO BE CONFIRMED BY LOCAL MUNICIPAL CODES,
- 9. THE GENERAL CONTRACTOR SHALL BALANCE THE AIR CONDITIONING, HEATING AND THE KITCHEN EXHAUST SYSTEM FOR THIS BUILDING.

NOTE VII - WALK-IN FOOD AND BEER COOLERS / FREEZER NOTES

- 1. ALL WALK-IN COOLERS AND FREEZERS TO BE ERECTED BY THE GENERAL CONTRACTOR, UNLESS OTHERWISE SPECIFIED. REFRIGERATION, PLUMBING, AND ELECTRICAL WORK TO BE BY THE GENERAL CONTRACTOR (ALSO REFER TO OTHER NOTES ON THIS PAGE).
- 2. G.C. TO SUPPLY AND INSTALL, FLASH AND COUNTER FLASH FOR OUTDOOR MEMBRANE ROOFS ON THE OUTDOOR WALK-IN BOXES (IF APPLICABLE) SHOULD THE WALK-IN BOXES BE BOXED IN BY BUILDING WALLS, IT IS RECOMMENDED THAT THE WALK-IN'S BE ERECTED PRIOR TO THE FINAL BUILDING WALL BEING CONSTRUCTED.
- 3. G.C. TO INSTALL DIAMOND TREAD ALUMINUM PANELS SUPPLIED BY THE K.E.C. (IF APPLICABLE) ON WALLS, FLOORS, DOOR JAMBS, OF THE WALK-IN COOLERS.
- SEE ELECTRICAL NOTE III, ITEM #7

4 Dzines, LL 3225 Shallowford F Suite 430 Marietta, GA P.770.977.9996 F.770.579.0643

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Seal Area

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Project Title:

MOE'S of Lake Columbia Cou Lake City, F

Sheet Description:

Equipment Notes

Project #:

D00630-S04 Date: 10.28.04

Scale: 1/4"=1'-0" Designer: MEB

Equipment General Notes

LIFE SAFETY PLAN



3225 Shallov Suite 430 Marie P.770.97 F.770.57



Revisions:

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Project Title:

MOE'S of Columbia Lake C

Sheet Description: life Safety Pla

Project #: D00630-S04

Date: 10.28.04 Scale: 1/4"=1'-0" Designer: MEB

GENERAL NOTE:

* VERIFY AND COMPLY WITH ALL LOCAL CODE REQUIREMENTS FOR EGRESS AILSEWAYS, MEANS OF EGRESS, SIGNAGE, ETC.

* VERIFY AND COMPLY WITH ALL LOCAL ADA REQUIREMENTS.

* NOTE: ALL FIRE EXTINGUISHERS ARE REQUIRED TO BE LABELED AND TAGGED.

* NOTE: FIRE SUPPRESSION SYSTEM IN THE KITCHEN HOOD MUST BE INSTALLED BY A STATE LICENSED FIRE SUPPRESSION CONTRACTOR.



FE = Portable Fire Extinguisher Class X-A-10-B-C 10 Pound Capacity



Portable Fire Extinguisher Class K PRX Agent 6 Liter Capacity



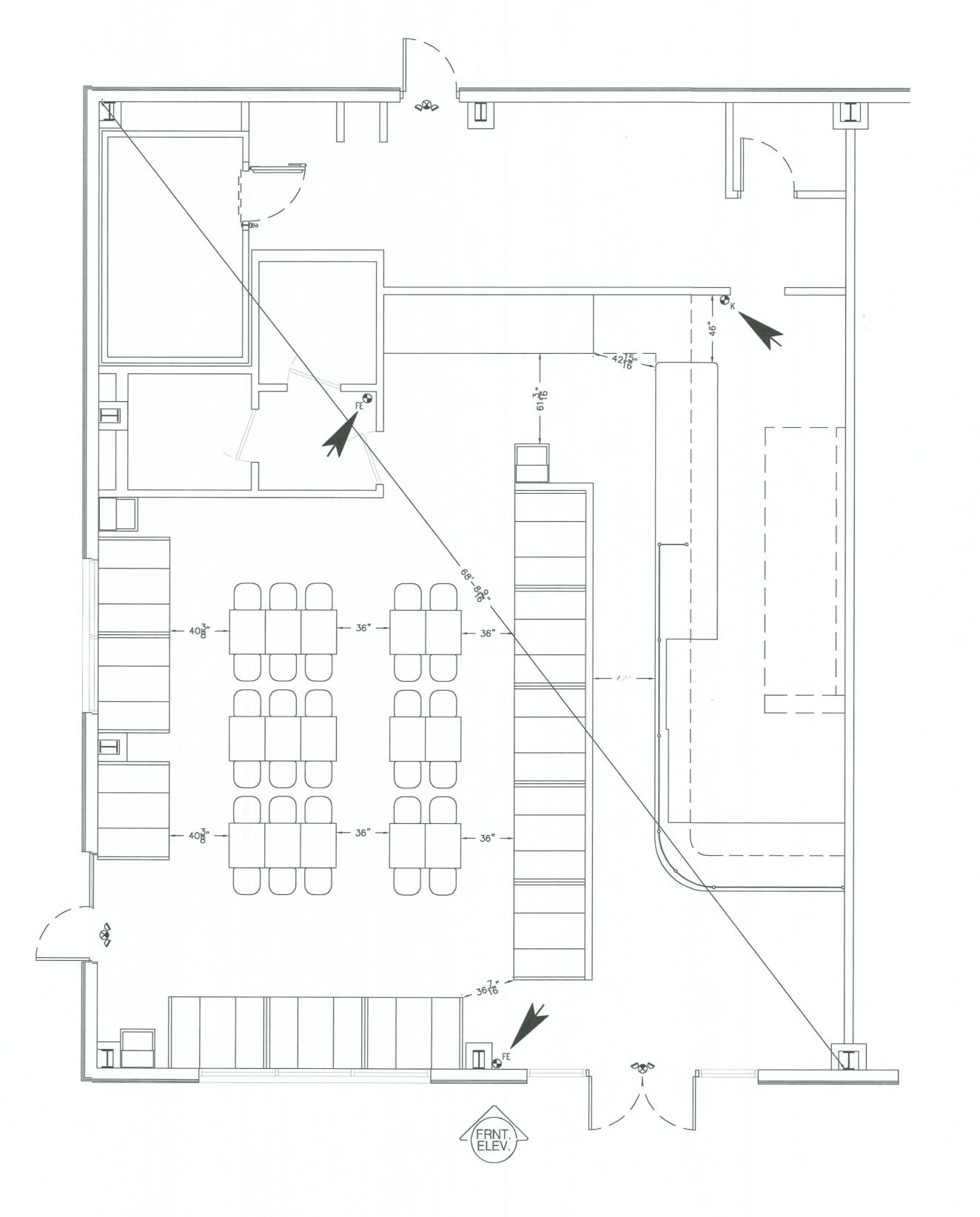
Exit Light with Emergency Light (Refer To Electrical Plan)



Exit Light (Refer To Electrical Plan)



Emergency Light (Refer To Electrical Plan)



GENERAL NOTES: * ALL SUBCONTRACTOS ARE RESPONSIBLE FOR VERIFYING INFORMATION OF THEIR SPECIFIC TRADE WITH OTHER TRADE SUBCONTRACTORS AND THE G.C.

* VERIFY ANY DISCREPANCIES ON PLANS OR SITE WITH SITE SUPERINTENDENT

NEW PACKAGE ROOFTOP UNIT SCHEDULE (gas heat/elec. cool) COOLING CAPACITY (MBH) HEATING CAPACITY (MBH) ELECTRICAL WEIGHT ENTERING AIR CONDITIONS MARK MEG/MODEL TONS TOTAL SENSIBLE INPUT OUTPUT VOLT / PH / HZ LB RTU-I TRANE 2,750 97,000 208V / 3 / 60 950 1, 2, 3 & 4 120,000 RTU-2 YCD Ø86C3 9 96 F AMBIENT

ACCESSORY OPTIONS: 1) ECONOMIZER 2) GRAVITY BACKDRAFT, 3) HIGH EFF. TRANE PACKAGE, 4) LOW HEAT MODEL (1 STAGE).

ADDITIONAL FEATURES TO PROVIDE ON UNIT: I. AUTOMATIC HEATING/COOLING CHANGEOVER 2. LOW AMBIENT COOLING CAPACITY KIT 3. SYSTEM SHALL BE CONTROLLED BY NOVAR PACKAGE.

		NEW EX	HAUST F	AN SCI	HEDULE				
MARK	AREA SERVED	MANUFACTURER	MODEL	CFM	ES.P.	MOT	OR V/PH	BAROMETRIC DAMPER	NOTES
EF-I	RESTROOMS	PENN	PENN DXIIS	25Ø	Ø.375	1/11	120/1	YE5	12,3,4,5

NOTE: I. ROOF CURB

2. BACKDRAFT DAMPER

3. BIRDSCREEN, ROOF CURB 4. SPEED CONTROL (FORBALANCING)

5. CONTROL VIA TIMECLOCK PROVIDED BY MECH, CONTRACTOR

		GRILLE	& RE	GISTE	ER SCH	HEDULE		
MARK	MFG./MODEL	MATERIAL/ TYPE	GRILLE SIZE	PANEL SIZE	INLET SIZE	AIR PATTERN	MOUNTING	REMARKS
S-1	TITUS / TDCA ROUND NECK	EXTRUDED ALUMINUM SQUARE CEILING	24" x 24"	24" x 24"	12°ø	4 WAY	SURFACE	1 2
S-2	TITUS / TDCA ROUND NECK	EXTRUDED ALUMINUM SQUARE CEILING	24" x 24"	24" x 24"	12"ø	4 WAY	LAY-IN	0 2
S-3 S-5	TITUS / TDCA ROUND NECK	EXTRUDED ALUMINUM SQUARE CEILING	24" x 24" 12" x 12"	24" x 24" 12" x 12"	12"ø 6"ø	3 WAY	LAY-IN	02
S-4 S-6	TITUS / TDCA ROUND NECK	EXTRUDED ALUMINUM SQUARE CEILING	24" × 24"	24" x 24"	8"ø	4 WAY 3 WAY	LAY-IN	0 2
R-1 R-2	TITUS / 50F SQUARE NECK	EXTRUDED ALUMINUM RETURN	24" x 24"	24" x 24"	22" x 22"	PLENUM RETURN	SURFACE LAY-IN	1
R-3	TITUS / 50F SQUARE NECK	EXTRUDED ALUMINUM RETURN	24" x 24"	14" x 14"	12" x 12"	PLENUM RETURN	LAY-IN	0

REMARKS: 1 PAINT TO MATCH CEILING. 2 PROVIDE OPPOSED BLADE DAMPER.

MECHANICAL LEGEND:

THERMOSTAT CFM CUBIC FEET PER MINUTE NTS NOT TO SCALE

AIR DISTRIBUTION DEVICE DESIGNATOR SUPPLY AIR DIFFUSER OPEN AREA DISCHARGE (2 WAY SHOWN)

SUPPLY AIR DIFFUSER OPEN AREA DISCHARGE (3 WAY SHOWN)

SUPPLY AIR DIFFUSER OPEN AREA DISCHARGE (4 WAY SHOWN) RETURN AIR GRILLE

MANUAL VOLUME DAMPER

RECTANGULAR DUCT (WIDTH X DEPTH) AXB

AIR BALANCE (CFM):

CFM SUPPLY AIR - 8250 CFM OUTSIDE AIR - 2010 CFM EXHAUST AIR TOIL. - 250 CFM RETURN AIR - 6240 CFM EXHAUST AIR HOOD - 3000 CFM MAIKE AIR - 2400

TOTAL CFM OUTSIDE AIR - 2010 + 2400 = 4410 TOTAL CFM EXHAUST AIR - 250 + 3000 = 3250 TOTAL POSITIVE PRESSURE CFM AIR= 1160 , 385 CFM RELIEF FROM EACH RTU

UPON COMPLETION OF INSTALLATION, SUBMIT A CERTIFIED TEST AND AIR BALANCE REPORT TO THE LANDLORD FOR REVIEW AND APPROVAL

ALL WORK DESIGNATED AS "BY LANDLORD'S CONTRACTOR" OR ANY OTHER ITEMS PROVIDED BY LANDLORD'S SHALL BE AT TENANT'S COST.

OUTDOOR AIR REQUIREMENTS

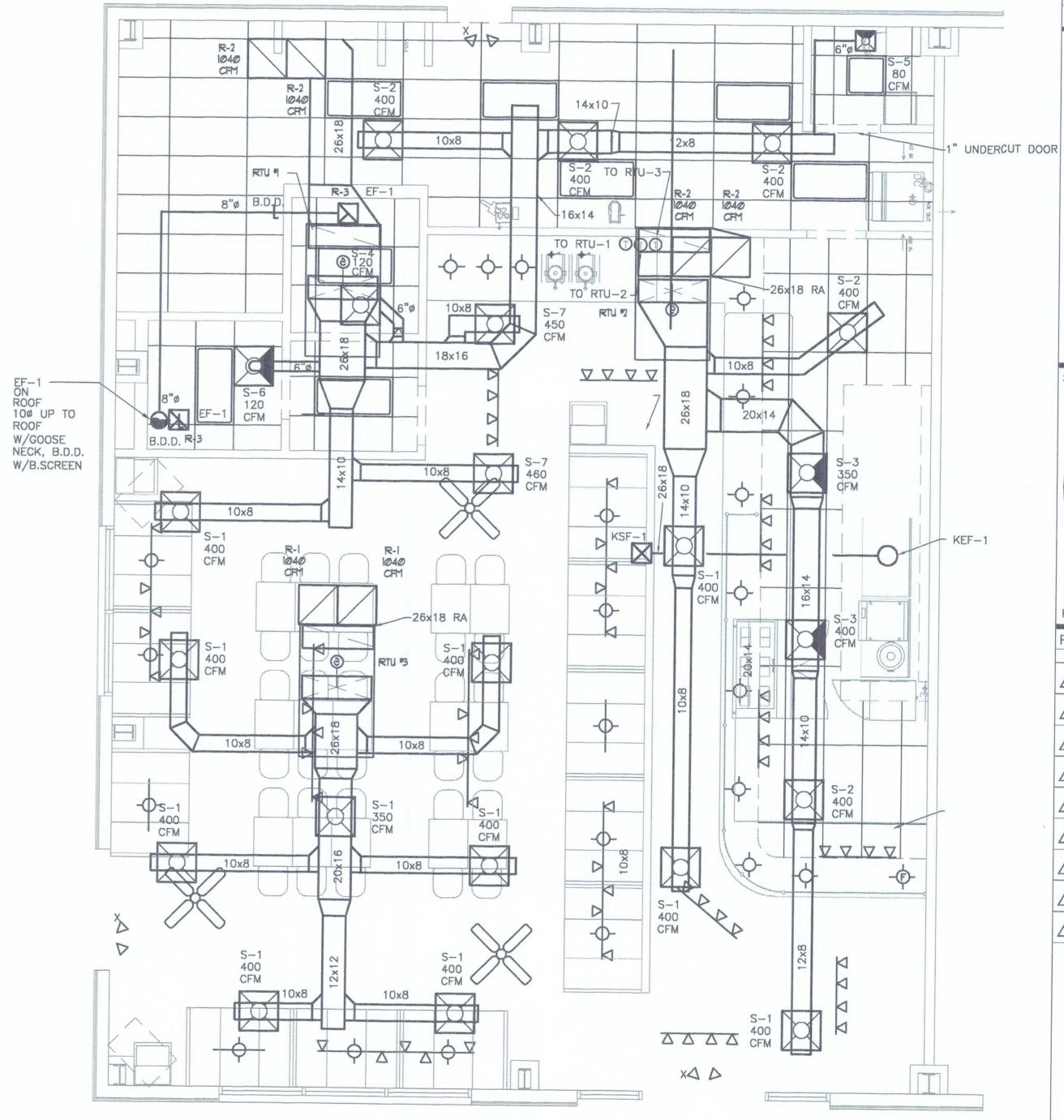
FOOD AND BEVERAGE - DINING = 70 PEOPLE PER 1000 SQ FT 1250 SQ FT DINING = 88 PEOPLE @ 20 CFM/PERSON = 1760 CFM FOOD AND BEVERAGE - KITCHEN = 10 PEOPLE PER 1000 SQ FT 900 SQ FT KITCHEN = 9 PEOPLE @ 15 CFM / PERSON = 135 CFM TOILET = 2 TroileT @ 50 CFM / TOILET = 100 CFM

TOTAL O/A = 2010 CFM

HVAC GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT
- TO INSTALL AND OPERATE THE EXISTING HEATING AND COOLING SYSTEM. CONTRACTOR SHALL PROVIDE ALL REQUIRED HVAC PERMITS.
- 3. THE CONTRACTOR SHALL COMPLY WITH NFPA-90A AND ALL APPLICABLE CODES. 4. FLEXIBLE DUCT SHALL COMPLY WITH SMACNA, ALL LOCAL CODES, U.L. RATING. AND NOT EXCEED FOUR FEET IN LENGTH. SHEET METAL DUCT SHALL BE LINED W/ 1" MATT FACED DUCTLINER. DUCTWORK MATERIAL TO BE VERIFIED WITH CEILING
- ASSEMBLY RATING. FIBERGLASS DUCTBOARD DUCTWORK IS NOT ACCEPTABLE. . CONTRACTOR SHALL PROVIDE ALL CONTACTORS, RELAYS AND THERMOSTATS. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL SWITCHES, DISCONNECTS. THERMOSTATS SHALL BE BY THE EQUIPMENT MANUFACTURER.
- 3. ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS, ALLOW FOR DUCT INSULATION. 7. THE CONTRACTOR SHALL PROVIDE A WRITTEN GUARANTEE THAT SHALL WARRANT ALL WORKMANSHIP AND MATERIALS FOR ONE (1) YEAR FROM THE FINAL WORK
- ACCEPTANCE BY THE OWNER. PROVIDE SMOKE DETECTORS ON SUPPLY DUCT. UPON ACTIVATION, THE SMOKE DETECTORS SHALL SHUT DOWN THE AIR DISTRIBUTION SYSTEM. THE SMOKE DETECTORS SHALL BE CONNECTED TO A FIRE ALARM SYSTEM. THE ACTUATION OF A SMOKE DETECTOR SHALL ACTIVATE A VISIBLE AND AUDIBLE SUPERVISORY SIGNAL AT A CONSTANTLY ATTENDED LOCATION.
- ALL HVAC WORK TO BE PERFORMED SHALL BE IN COMPLIANCE WITH ALL STATE AND LOCAL CODES.
- O. COORDINATE LOCATION OF ALL CEILING DIFFUSERS, GRILLES AND REGISTERS IN THE FIELD WITH THE ELECTRICIAN TO PREVENT CONFLICT WITH LIGHTS AND ARCHITECTURAL ELEMENTS.
- 1. FILTERS SHALL BE OF THE DISPOSABLE TYPE AND HAVE INITIAL SHARE WEIGHT ARRESTANCE OF 10% AND A CLEAN PRESSURE DROP OF 0.15 WC. PROVIDE TWO SETS, ONE DURING CONSTRUCTION AND ONE FOR USE AFTER OCCUPANCY.
- 12. ALL WORK OF THIS TRADE SHALL BE COORDINATED WITH ALL OTHER TRADES TO AVOID ANY INTERFERENCES THAT MAY DELAY PROGRESS DURING CONSTRUCTION. 13. NOT USED
- 14. AIR BALANCE CONTRACTOR MUST BE AABC CERTIFIED.
- AN INDEPENDENT AIR BALANCE CONTRACTOR SHALL TEST AND BALANCE TO THE AIR QUANTITIES ON THE PLAN AND PROVIDE A T & B REPORT TO THE LANDLORD FOR APPROVAL, IN ACCORDANCE WITH AIR BALANCE COUNCIL STANDARDS.

- 15. CONTRACTOR TO FURNISH SHOP DRAWINGS FOR DUCTWORK
- AND AIR DEVICES. 16. CONTRACTOR SHALL INSTALL MANUAL BALANCING DAMPERS AT ALL SUPPLY AIR BRANCH DUCTWORK RUN OUTS.
- 17. IF NEW EQUIPMENT IS REQUIRED, REGARDLE'SS IF INSTALLED BY TENANT'S MECH. CONTRACTOR OR LANDLORD, IT WILL BE THE TENANT'S EXPENSE.
- 18. PROVIDE ACCESS FOR ALL LANDLORD AND TIENANT COMPONENTS REQUIRING PERIODIC INSPECTION AND SERVICE THAT ARE LOCATED WITHIN THE SPACE OR REQUIRE ACCESS THROUGH THE SPACE. LABEL ACCESS DOORS AND PANELS OR CEILING TILES, RETURN REGISTERS OR DIFFUSERS UTILIZED FOR ACCESS WITH THE NAME OF THE HIDDEN COMPONENT(S). DEMONSTRATE ACCESS TO ALL HIDDEN COMPONENTS FOR THE LANDLORD'S FIELD REPRESENTATIVE PRIOR TO OCCUPANCY.
- 19. CONTRACTOR SHALL INSTALL ALL NECESSARY OFFSETS, BENDS, AND TRANSITIONS REQUIRED TO PROVIDE A COMPILETE SYSTEM AT NO ADDITIONAL COST TO THE OWNER. 20. CONTRACTOR SHALL INSTALL THERMOSTAT AT 60" ABOVE THE FINISHED FLOOR.
- 21. CONTRACTOR SHALL INSTALL TURNING VANES AT ALL DUCTWORK TEES AND 90
- DEGREE ELBOWS. 22. CONTRACTOR MAY CLEAN AND REUSE EXISTING DIFFUSES, GRILLS, AND DUCTWORKS IF SUITABLE. 23. ALL SHEET METAL DUCTWORK SHALL COMPLY WITH SMACNA STANDARDS. ALL
- DUCTWORK JOINTS SHALL BE TAPED AND SEALED. 24. CONTRACTOR SHALL PROVIDE EQUIPMENT OF THE SCHEDULED CAPACITIES DESIGNED. 25. TENANT SHALL SUBMIT A COPY OF THE HVAC, MAINTENANCE AGREEMENT TO ON-SITE.
- OPERATING MANAGER. 26. PROVIDE THREE (3) COPIES OF BALANCE REPORTS TO LANDLORD AT THE COMPLETION OF THE PROJECT.
- 27. DUCTS SHALL BE SEALED WITH UL 181A OR 181B TAPES AND MASTICS. 27. DUCT INSULATION SHALL CONFORM TO THE REQUIREMENTS OF SECTIONS 604.2 THROUGH 604.11 AND CHAPTER 13, SECTION 410.1.ABCD.2.1 OR 610.1.ABC.2 OF THE FLORIDA BUILDING CODE, BUILDING.



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Sheet Description: **MECHANICAL** FLOOR PLAN

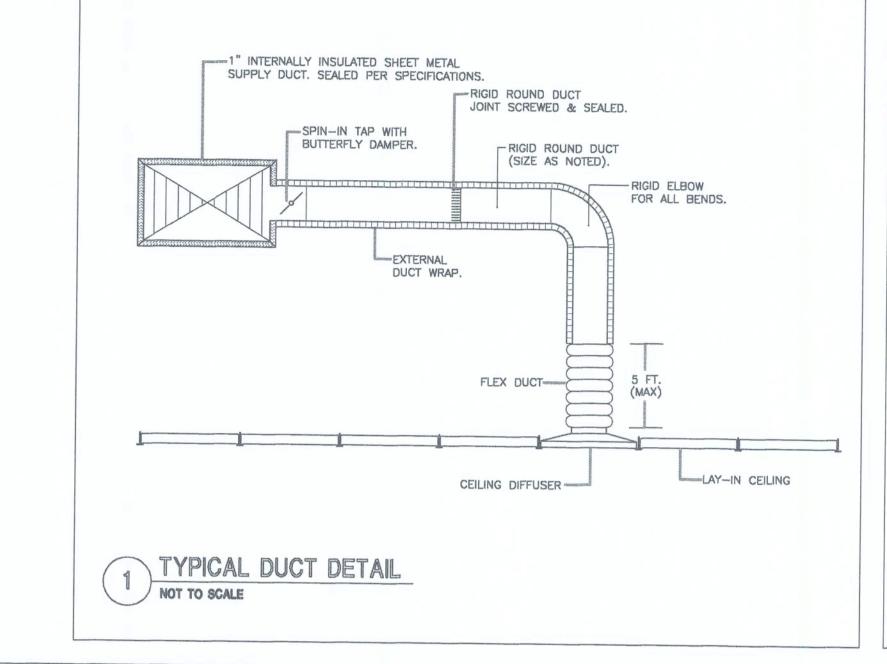
Project #: D00630-S04

10.22.04 Scale: 1/4"=1'-0"

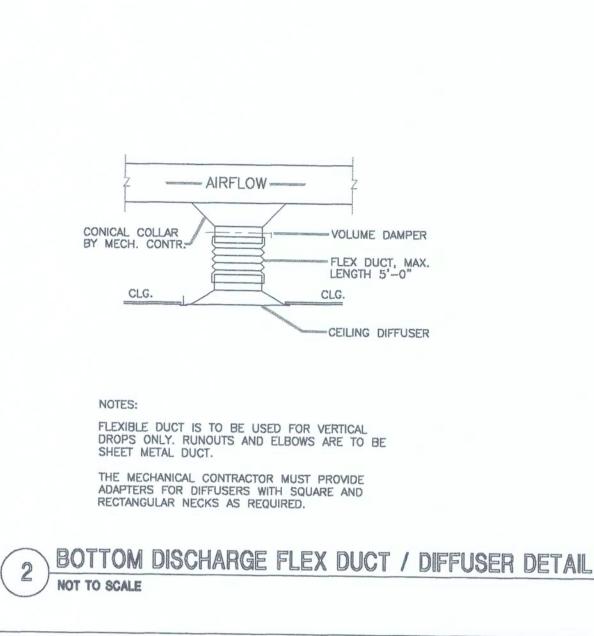
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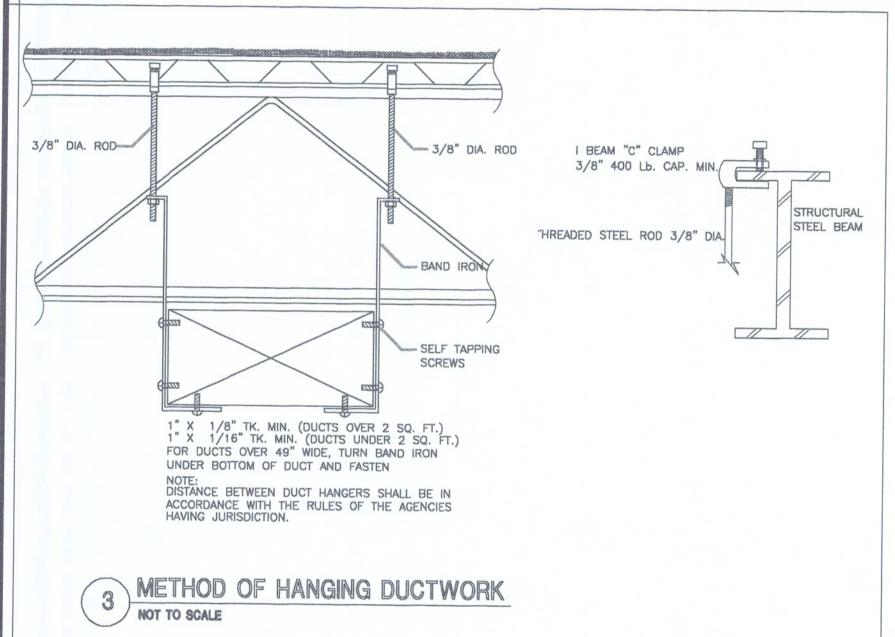
Designer: MEB PROJECT NO. A04244

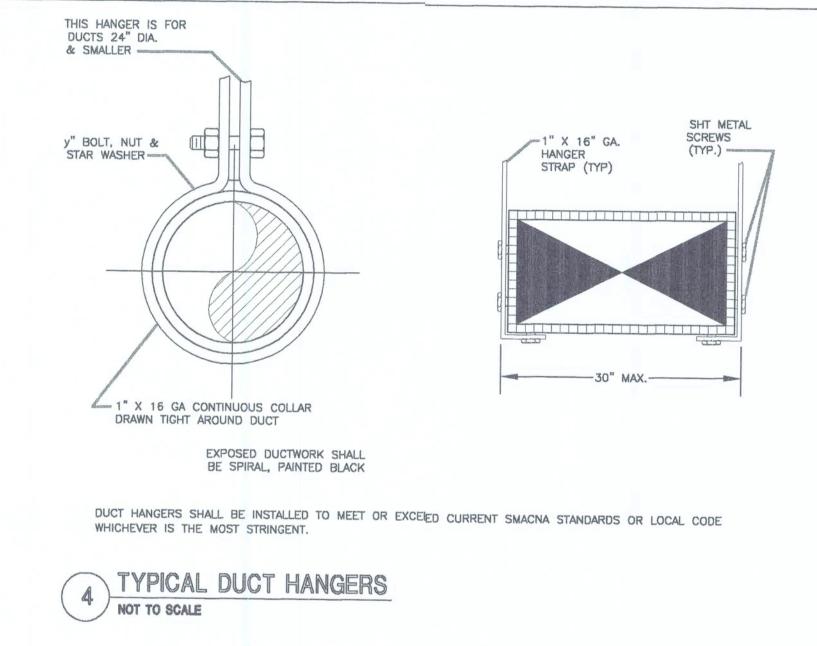
HVAC FLOOR PLAN SCALE: 1/4"=1'-0"

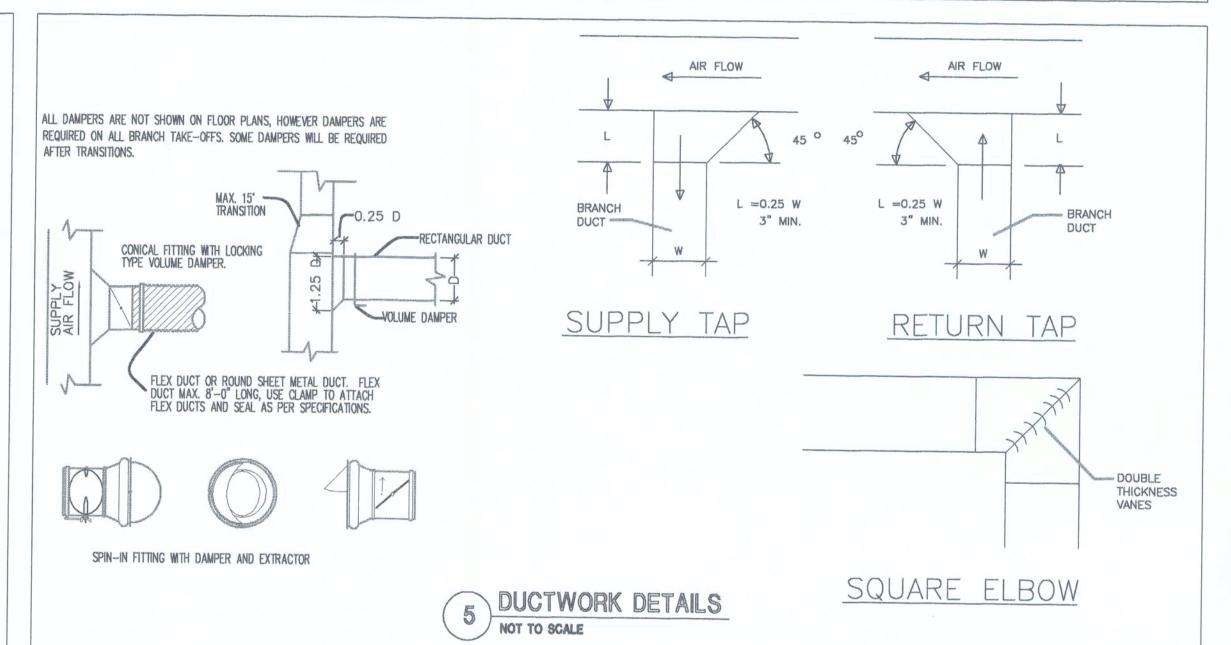


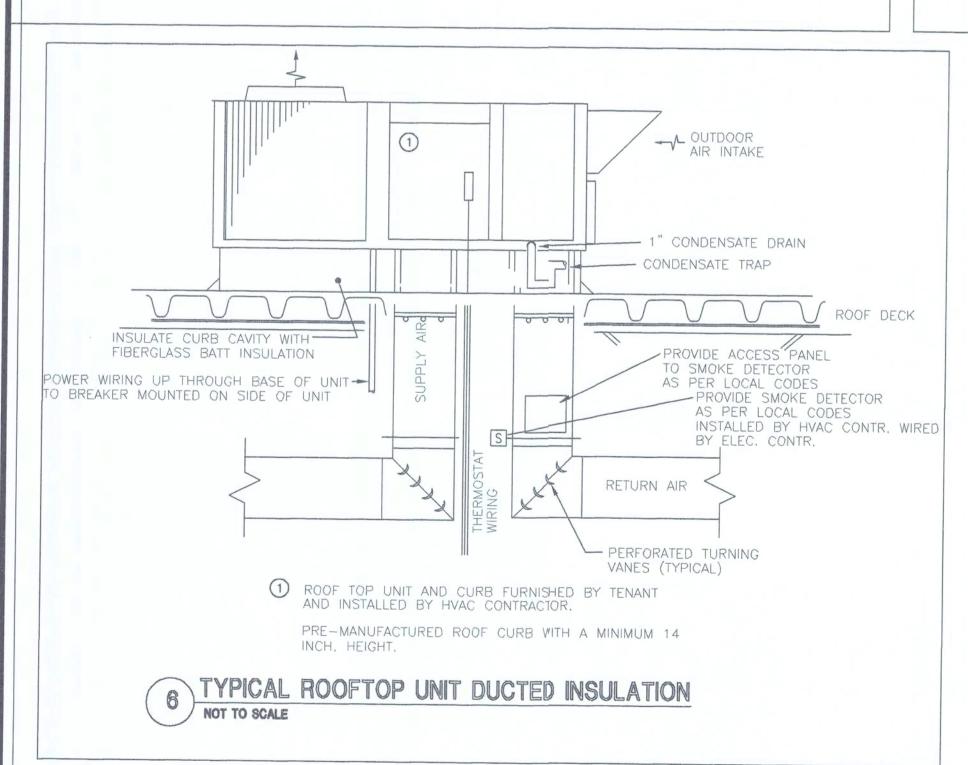
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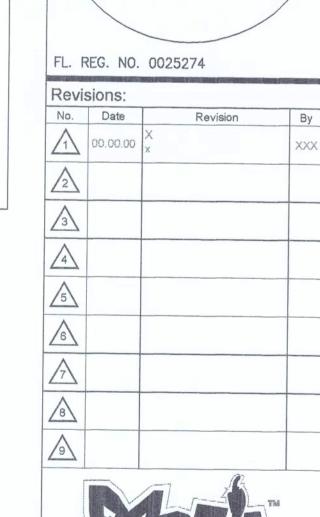












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Sheet #:

Sheet Description:
HVAC NOTES &
SCHEDULES

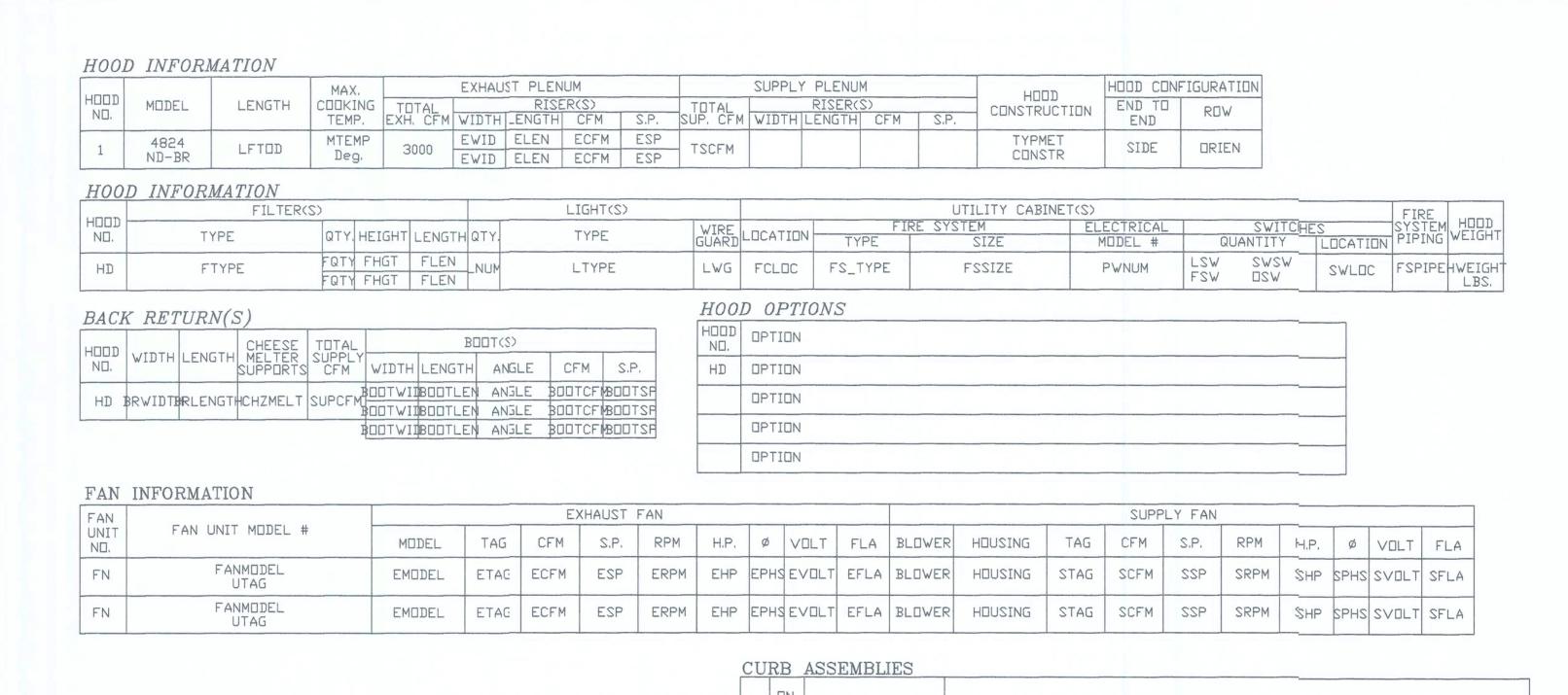
Project #: D00630-S04

Date: 10.22.04

Scale: 1/4"=1'-0"

Designer: MEB

PROJECT NO. A04244



CAMINFAN

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FAN OPTIONS

FN OPTION

FAN DPTION (Qty. - Descr.)

ITEM

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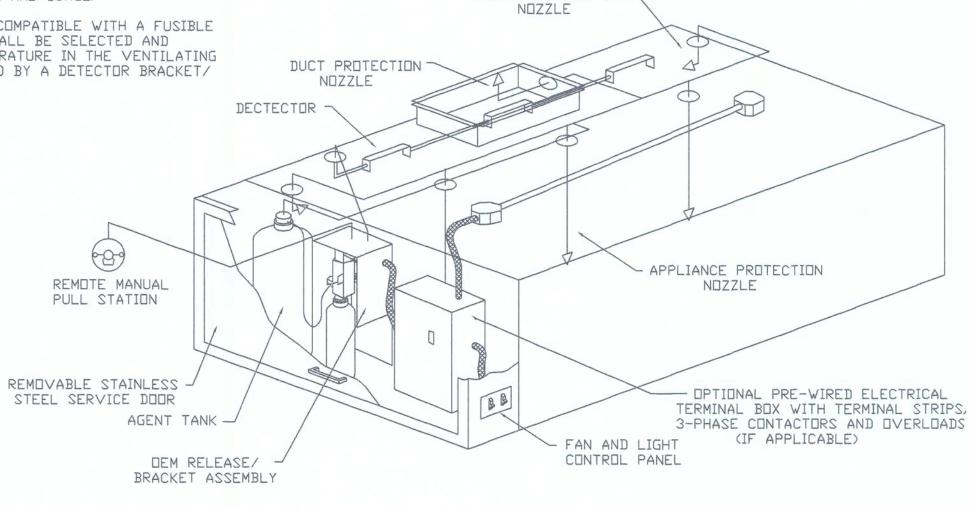
SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL)

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCKDOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

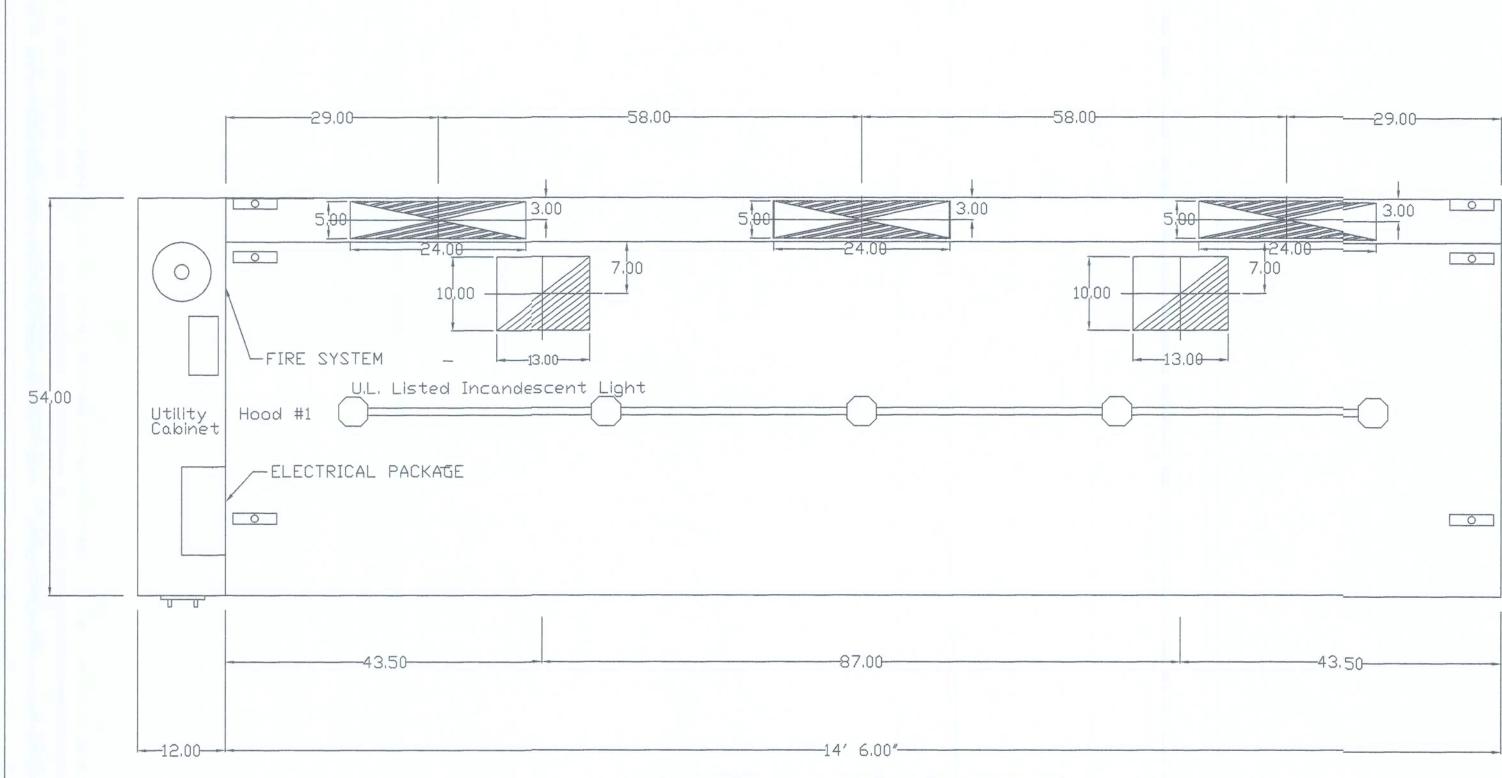
THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/LINKAGE ASSEMBLY.



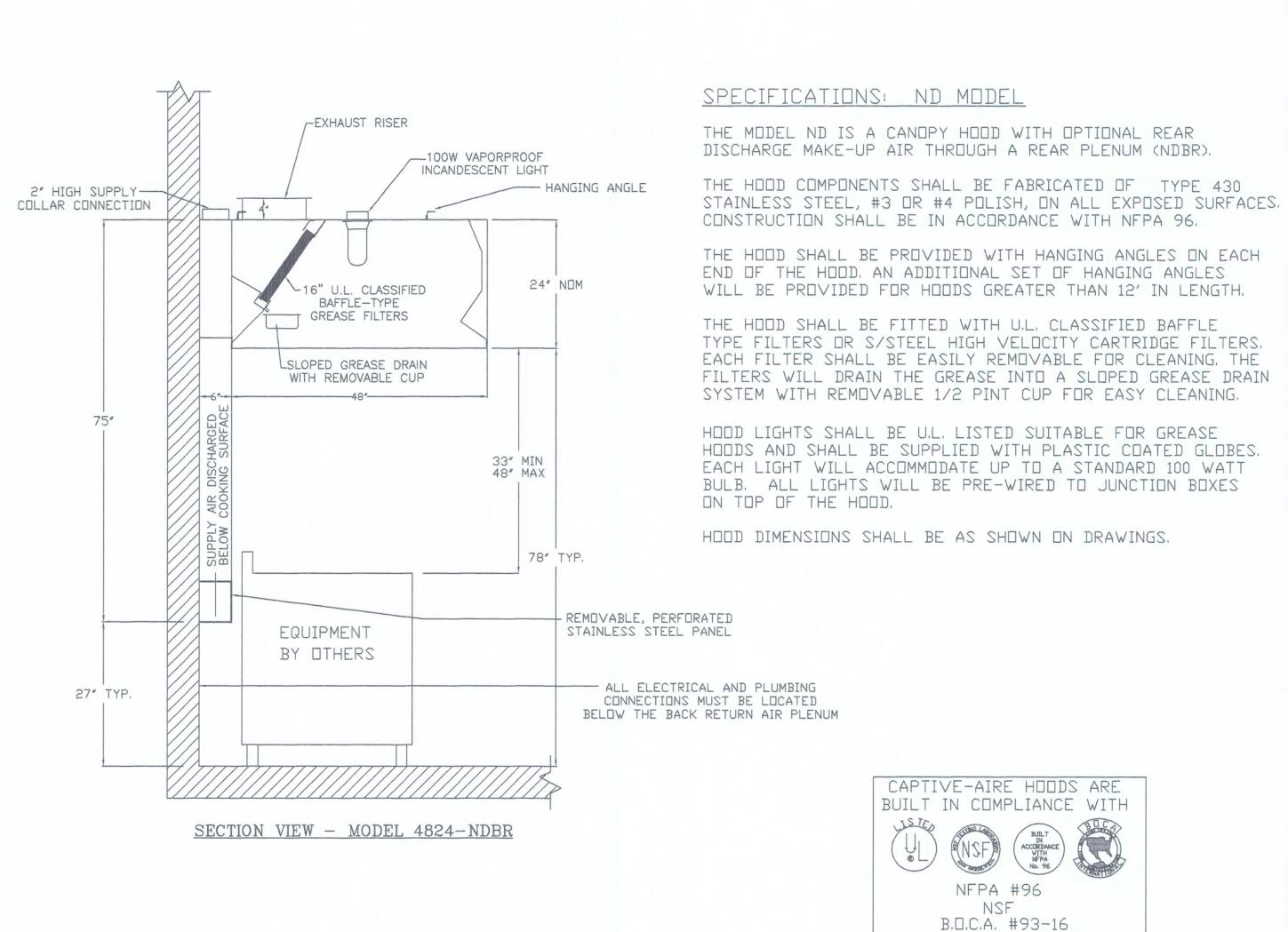
TYPICAL ANSUL R-102 SYSTEM LAYOUT

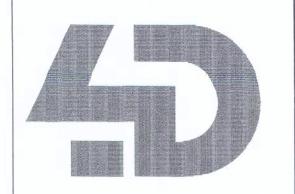
U.L. LISTED #MH12106

PLENUM PROTECTION -



PLAN VIEW - 14' 6.00" LONG 4824ND-BR





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P.770.977.9996

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Deizan Place Suite #100
NE: (859) 223-1000
(859) 223-1657
IL: mike@metroconnect.net
derrick@aedesigners.net
SITE: www.aedesigners.net



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Sheet Description:

HVAC EXHAUST FANS
& HOODS DETAILS

Project #: D00630-S04

Sheet #: 3.0

Date: 10.22.04

Scale: 1/4"=1'-0"

Designer: MEB

PROJECT NO. A04244

FAN INFORMATION

FAN	5.00 (1007) MBBC. 11	EXHAUST FAN										SUPPLY FAN								
UNIT ND.	FAN UNIT MODEL #	MODEL	TAG	CFM	S.P.	RPM	H.P.	Ø	VOLT	FLA	BLOWER	HOUSING	TAG	CFM	S.P.	RPM	H.P.	Ø	VOLT	FLA
1	NCA16FA EF-1	NCA16FA	EF-1	3000	-1.000"	1063	1.500	1	208	10.0										
2	NSAU.1-G10 SF-1										G10	NSAU.1	SF-1	2400	0.400"	834	1.000	1	208	7.7

FAN OPTIONS

alle all all all V	01 110110
FAN NO.	OPTION (Qty Descr.)
1	1 -Grease Box

CURB ASSEMBLIES

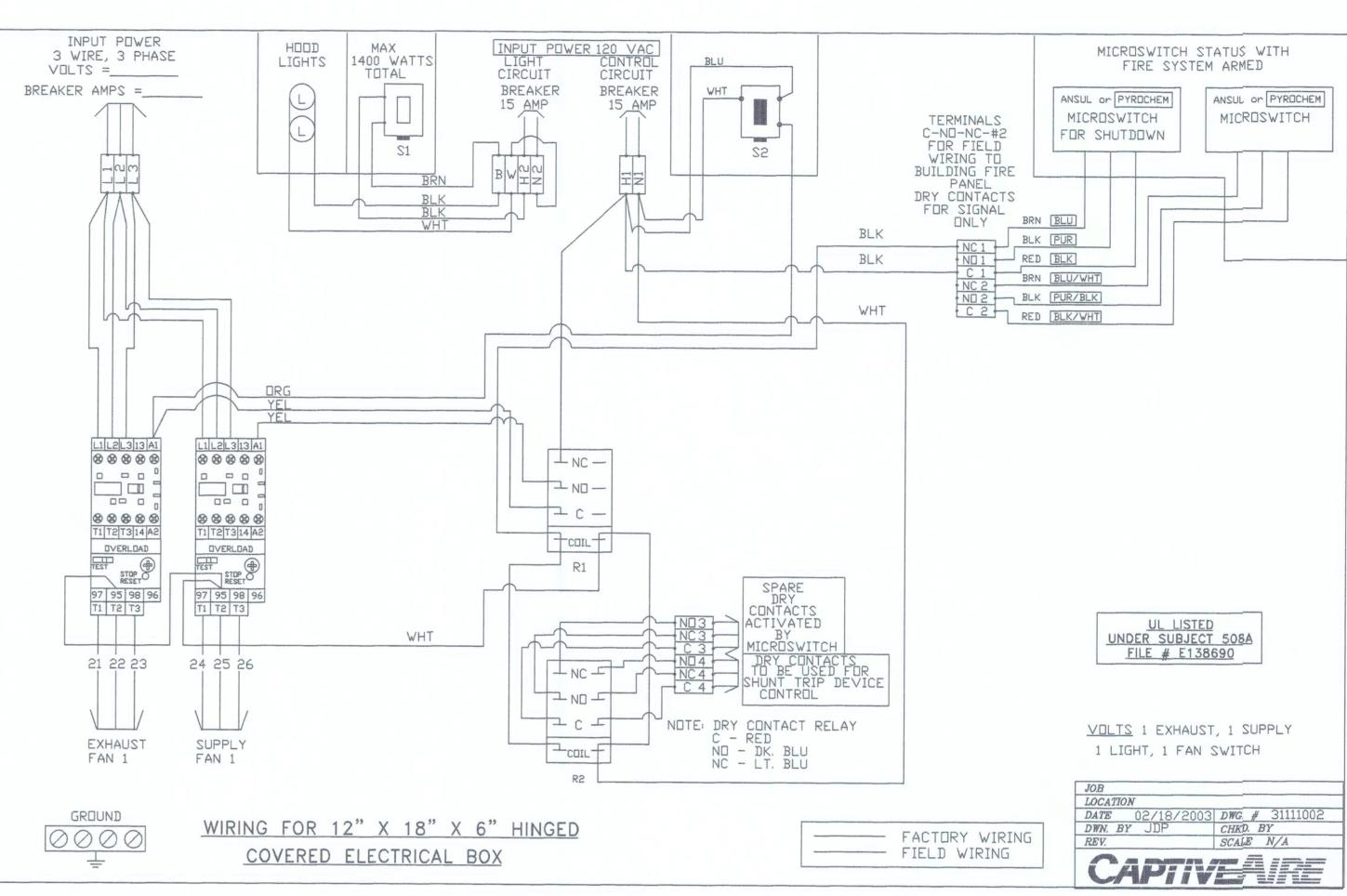
NO.	DN FAN	ITEM	SIZE
1	# 1	Curb	26.530"W × 26.500"L × 20.000"H Vented Hinged
2	# 2	Curb	23.000"W × 23.000"L × 14.000"H

ELECTRICAL PACKAGES

NO.	TAG	PACKAGE #	LOCATION	TIW2	CHES	ROOFTOP	OPTION	FANS	CONT	ROLL	ΞD	
				LOCATION	QUANTITY	STARTERS	DI TIDIN	Trype	Ø	H.P.	VIII T	FLA
1	EP-1	21111002	Utility Cabinet Right Hood # 1	Utility Cabinet Right Hood # 1	1 Light 1 Fan		Exhaust in Fire	Exhaust	1	1.500		
								Supply	1	1.00	200	7.7

FIELD ASSEMBLY STEP 1) LINE UP TOP OF FAN PLATE WITH TOP OF FAN BASE. LINE UP EDGE OF FAN BASE TO INSIDE EDGE OF FAN PLATE. FLANGE ON CURB PLATE HOLDS THE FAN IN THE OPEN POSITION FAN BASE EDGE THESE HOLES ARE FOR ATTACHING FAN PLATE TO FAN BASE (USE SHORT SCREWS) ---- INSIDE EDGE OPEN POSITION HARDWARE INCLUDED STEP 2) SCREW THE FAN PLATE TO THE FAN BASE USING THE SHORT SHEET METAL SCREWS (NOTE: IF THE SCREWS 2 - FAN PLATES 2 - CURB PLATES 2 - 3/8" BOLTS 6 - KEP NUTS FOR 3/8" BOLT CURB HIT THE CURB, THEN RUN THE SCREW FROM INSIDE THE FAN BASE SO THAT THE HEAD IS UNDER THE FAN BASE) SHEET METAL SCREWS RUN SCREW FROM THE OUTSIDE 6 - SHORT (1/2"L) 12 - LONG (3/4"L) THE INSIDE STEP 3) TIGHTEN NUT AND BOLT ASSEMBLY ADJUST INSIDE NUTS SNUG TO PLATES FAN PLATE | CURB PLATE EXHAUST FAN KEEP PLATES PARALLEL KEP NUT INSIDE NUTS NOTE: IF HINGE KIT IS SHIPPED LOOSE, SET CURB PLATE AS FOLLOWS PIVOT BOLT HOLE -FAN PLATE TOP OF CURB ---- CURB PLATE CLOSED POSITION CURB PLATE (SLIDE LOCK IN HOLE TO LOCK FAN IN THE CURB CLOSED POSITION)

NOTE: IF WALL MOUNT PREWIRE, OR FIELD INSTALLED FIRE SYSTEM MICROSWITCH TERMINALS SHOWING FACTORY WIRING MUST BE FIELD WIRED



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southwest grill. MOE'S of Lake City 0000 Street Name

Lake City, FL Sheet Description: HVAC EXHAUST FANS & HOODS DETAILS

Project #: D00630-S04 10.22.04 Scale: 1/4"=1'-0"

CUSTOMER APPROVAL TO MANUFACTURE:

Approved as Noted

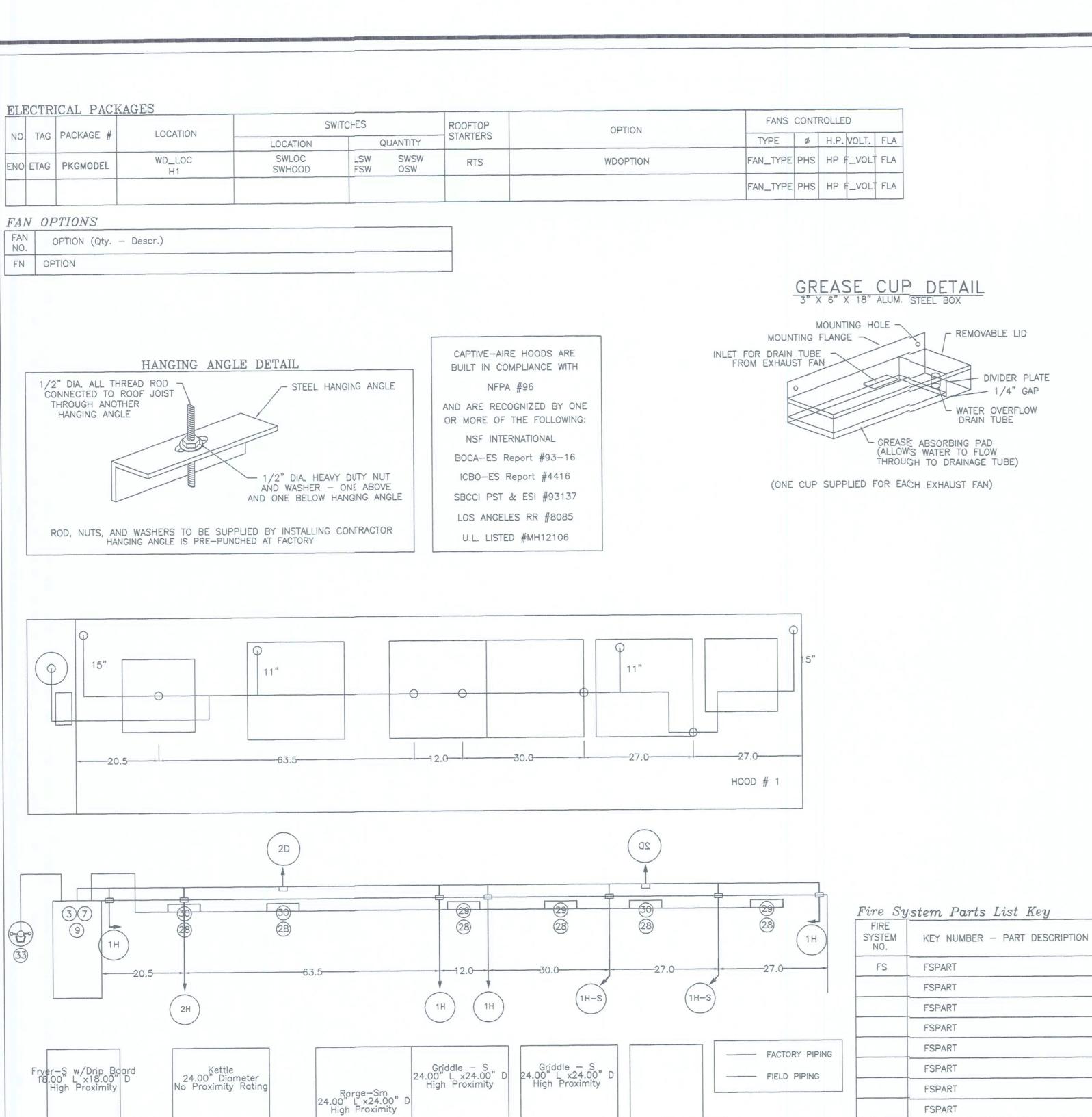
Revise and Resubmit

SIGNATURE _

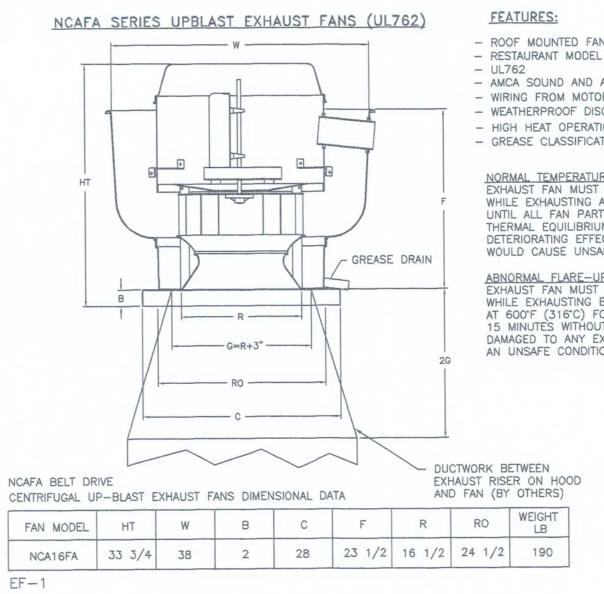
Your Title ___

Approved with NO Exception Taken

Designer: MEB PROJECT NO. A04244

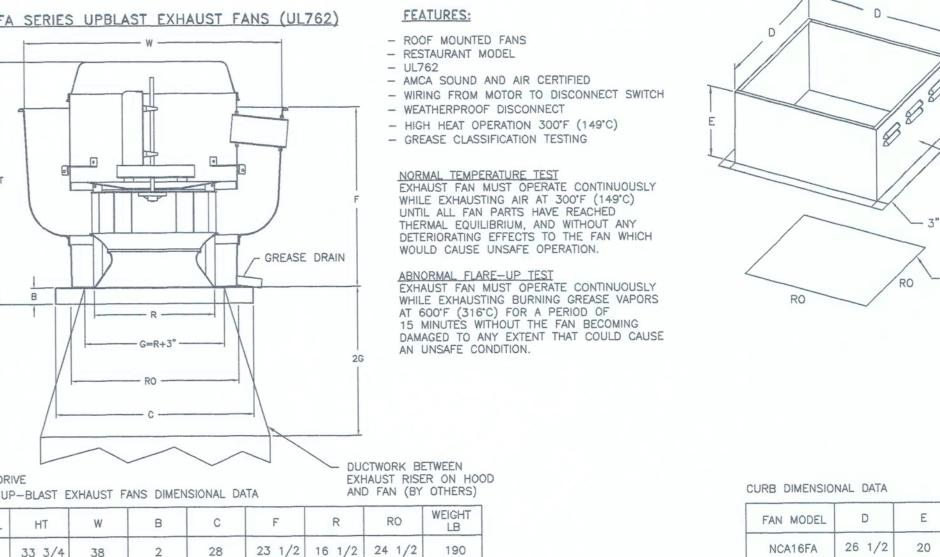


Rice Cooker (No Coverage) 18.00" Diameter High Proximity



STANDARD SERIES DOWN DISCHARGE SUPPLY FANS

EXTERNAL SERVICE DISCONNECT -



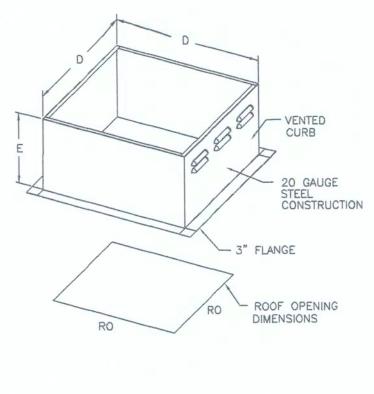
---- GALVANIZED SUPPLY FAN

AIR INTAKE THROUGH FILTER

- CURB WITH 20 GA. CONSTRUCTION ___ 3" CONTINUOUS FLASHING

BLOWER OUTLET SIZE

- ROOF OPENING



SUPPLY AIR UNIT DIMENSIONAL DATA

BLOWER A B C D E F FILTER SIZE WEIGHT

10" 26 32 28 23.375 21.75 25.875 2 16" X 20" 175 LBS

CURB/ROOFTOP DIMENSIONAL DATA BLOWER G H J K

10" 23 14 11-1/2 13-1/4

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MOE'S of Lake City 0000 Street Name Lake City, FL Sheet Description:

HVAC EXHAUST FANS & HOODS DETAILS

Project #: D00630-S04

PROJECT NO. A04244

10.22.04 Scale: 1/4"=1'-0" Designer: MEB

Sheet #:

QYT. BY QTY. BY DIST. QC QD **FSPART** QD QC **FSPART** QD QC **FSPART** QD QC **FSPART** QD QC **FSPART** QC QD **FSPART**

DRAWING NUMBER: C:\ACAD\FS_PROG\TXTFILES\MOESPARSIPPANYNJ.FSD

FSPART

FSPART

FSPART

FSPART

~ REMOVABLE LID

1/4" GAP

- WATER OVERFLOW

DRAIN TUBE

NOTES

- FIELD PIPE DROPS AS SHOWN
SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING,
SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

QD

QD

QD

QC QD

QC

QC

QC

APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS

#	QTY	DESCRIPTION
1	1	CHIP WARMER
2	3	COUNTERTOP STEAMER
2a		SINGLE UNIT WATER REGULATOR, NOT SHOWN
3	1	REFRIGERATED PREP TABLE W/CASTERS
3a	1	CUTTING BOARD, SECURITY CLIP
3b	1	11 3/4" CUTTING BOARD WALK-IN COOLER, 20'-0 3/4" X 8' - 2 3/4"
5	1	DROP IN ICE PAN
6	_	SPARE #
7	3	S/S WORK TABLE 30" x 60"
8	2	30" x 36" WORK TABLE
9	1	HOT PLATE 4 BURNER 24"
9a	1	QUICK DISCONNECT HOSE 3/4" HD-ST-ST EQUIP STD, 48" x 30" W/ST/ST UNDERSHELF & LEGS
		CASTERS EQUIP STD (NOT SHOWN)
11	1	24" GRIDDLE COUNTERTOP MANUAL W/ THERMO CONT
11b	1	QUICK DISCONNECT HOSE 1/2"
12		HD-ST-ST EQUIP STD, 48" x 30" W/ST/ST UNDERSHELF & LEGS
	1 set	
13	-	CLAMSHELL GRILL 4 CHANNEL TIMER
13b	-	QUICK DISCONNECT HOSE 1/2"
13c		QUICK DISCONNECT HOSE 3/4"
14	-	FRYER (GAS), 70-90 LB CAPACITY W/ CASTERS
14a		QUICK DISCONNECT HOSE 3/4"
14b		SPARE #
15		BAG-BOX-IN
16 16a		STEAM KETTLE, 30 GAL SELF CONTAINED, FLR. MODEL QUICK DISCONNECT HOSE 1"
16b	-	12" FAUCET
16c		TROUGH DRAIN
17	_	NOT USED
18	1	AUTOMATIC GAS RICE COOKERS
18a		QUICK DISCONNECT HOSE 1/2"
19	1	ICE MAKER, AIR COOLED, SELF-CONTAINED, W/ BIN ICE CUBER
21	1	ICE/DRINK DISPENSER
22	2	OVERHEAD TV STAND (BY G.C.)
23	1	S/S ONE COMPARTMENT SINK W/24" DRAINBOARD (L.)
24	1	12" SPOUT FAUCET
25	2	S/S HAND SINK W/ FAUCET, WALL MOUNTED
26 26a	1	S/S THREE COMPARTMENT SINK W/ 24" DRAINBOARDS PRE-RINSE UNIT W/ FAUCET
26b		12" SPOUT FAUCET
27		NOT USED
28	2	CHROME STORAGE SHELVES 14" x 72",NOT SHOWN
28a		CHROME STORAGE SHELVES 18" x 72", NOT SHOWN
28b		CHROME STORAGE SHELVES 18" x 48", NOT SHOWN
28c		CHROME STORAGE SHELVES 14" x 36", NOT SHOWN CHROME SINGLE WALL BRACKETS, 18", NOT SHOWN
		CHROME SINGLE WALL BRACKETS, 18, NOT SHOWN
29		CHROME STORAGE SHELVES (SEE PLAN FOR SIZES)
29a		CHROME 74" POST
30	16	EPOXY STORAGE SHELVES 24" x 60"
30a	16	EPOXY 74" POST
31	1	BEVERAGE SECURITY UNITS, 24" x 40" FOUR WELL HOT FOOD TABLE
32a	1	12" CUTTING BOARD FOR FOUR WELL HOT TABLE
32b	8	HOT FOOD TABLE ADAPTERS
33	1	DUNNAGE RACK-24" x 8" x 36"
34	1	FOOD WARMERS W/ CASTERS
35	1	DROP-IN HOT FOOD WELL
36	1	STORAGE WELL
37 38	1	CASH REGISTER MENU BOARD, NON-ILLUMINATED, NOT SHOWN
39	1	HOOD SYSTEM — U.L. & NSF APPROVED
40	1	MOP SINK, 24" x 24" FLOOR MOUNT
41	1	COOKIE DISPLAY
42	1	ICE SODA DISPENSER
43	2	TEA DISPENSERS
43a	1	TEA BREWER
44 45	2	SPARE # BABY CHANGING STATION
46	1	COMMERCIAL FOOD PROCESSOR
47	1	WATER HEATER
48	1	STEEL B-RATE SAFE (BY OWNER)
49	-	SPARE #
50	1	MIXER
51	-	SPARE #
52	1	DROP IN COLD PAN 22.5" x 30.5" TEMPLATE (NOT SHOWN)
54	1	SNEEZE GUARD FOR SALSA BAR
55	1	COLD PAN BRACKET SET (NOT SHOWN)
	-	UNDERCOUNTER CASEWORK (NOT SHOWN)
56	2	UNDER COUNTER CASEWORK (NOT SHOWN)

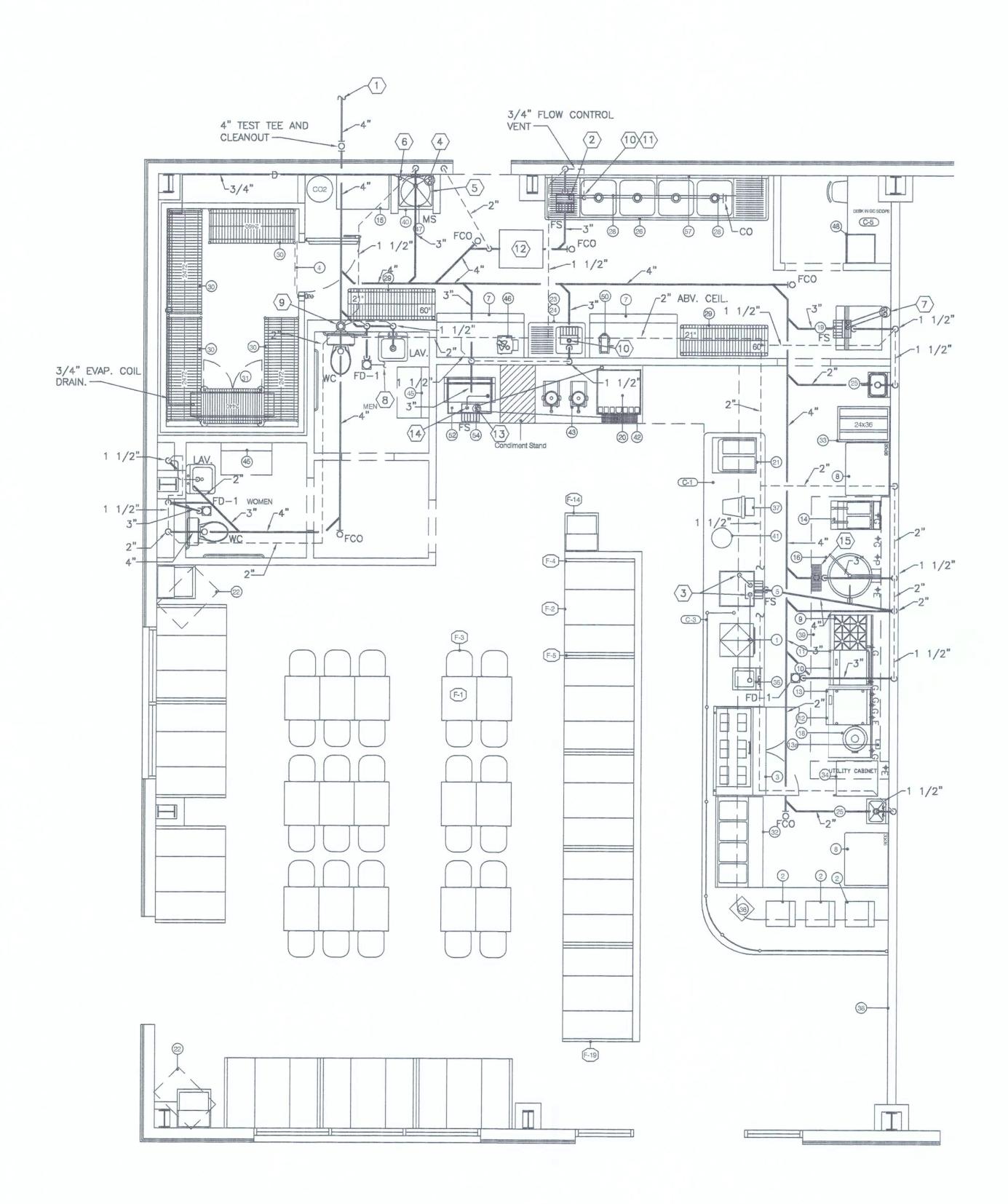
PLUMBING FLOOR PLAN/RISER KEY NOTES

- CONNECT NEW WASTE LINE TO EXISTING SANITARY MAIN (P.O.C.). PLUMBING CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND EXISTING CONDITIONS PRIOR TO CONNECTION.
- 2. 1 1/2" I.W.D. FROM (4) COMPT. SINK. PROVIDE A ZURN Z-1108-IL FLOW CONTROL FITTING W/ VENT EXTENDED TO DECK THRU GOOSENECK FITTING. PROVIDE A 1-1/4" STANDARD ORIFICE FOR FLOW CONTROL FITTING; 3. 3/4" I.W.D FROM COLD PANS RUN TO FLOOR SINK.
- 4. 3/4" RELIEF LINE AND 1" OVERFLOW LINE FROM WATER HEATER PIRESSURE AND TEMPERATURE RELIEF VALVE AND DRAIN PAN.
- 5. WATER HEATER MOUNTED ABOVE MOP SINK. SEE DETAIL 6, SHEET 4.03.
- 6. 3/4" I..W. DRAIN FROM WALK-IN COOLER, EVAPORATOR COIL.
- 7. 3/4" I.W. DRAIN FROM ICE MAKER AND ICE MAKER BIN DRAIN.
- 8. 1/2" TRAP PRIMER LINE FROM LAV. (TYPICAL).
- 9. 4" VENT UP, 4" VTR. MAINTAIN 10'-0" SEPARATION FROM NEAREST ROOFTOP UNIT AIR INLET.
- 10. 1 1/2" I.W.D FROM (1) COMPT. SINK. PROVIDE A ZURN Z-1108-L. FLOW CONTROL FITTING W/ VENT EXTENDED TO CONNECT TO ADJACENT FILOOR SINK VENT. PROVIDE A 1-1/4" STANDARD ORIFICE FOR FLOW CONTROL FITTING.
- 11. FLOW CONTROL FITTING.
- 12. GREASE TRAP. SEE GREASE TRAP CALCULATIONS AND SPECIFICATIONIS. SHEET P-4.
- 13. 3/4" I.W. DRAIN FROM 1CE/SODA DISPENSER.
- 14. 3/4" I.W. DRAIN FROM DROP-IN ICE PAN (SALSA BAR).

SHALL COORDINATE LOCATION WITH GENERAL CONTR.

15. 17" TRENCH DRAIN PROVIDED BY KITCHEN EQUOPMENT SUPPLIER. 3" P-TRAP AND WASTE PIPING BY GEN'L. CONTR. KITCHEN EQUIPMENT SUPPLIER

- REFER TO SHEET 1.04 FOR KITCHEN EQUIPMENT SCHEDULE.
- REFER TO SHEET 4.03 FOR PLUMBING FIXTURE SCHEDULE AND DETAILS.



DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



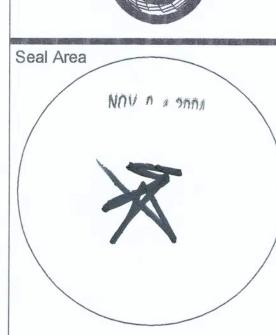
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Sheet Description: SANITARY SEWER PLAN

Project #: D00630-S04

Date: 10.22.04 Scale: 1/4"=1'-0"

Designer: MEB PROJECT NO. A04244

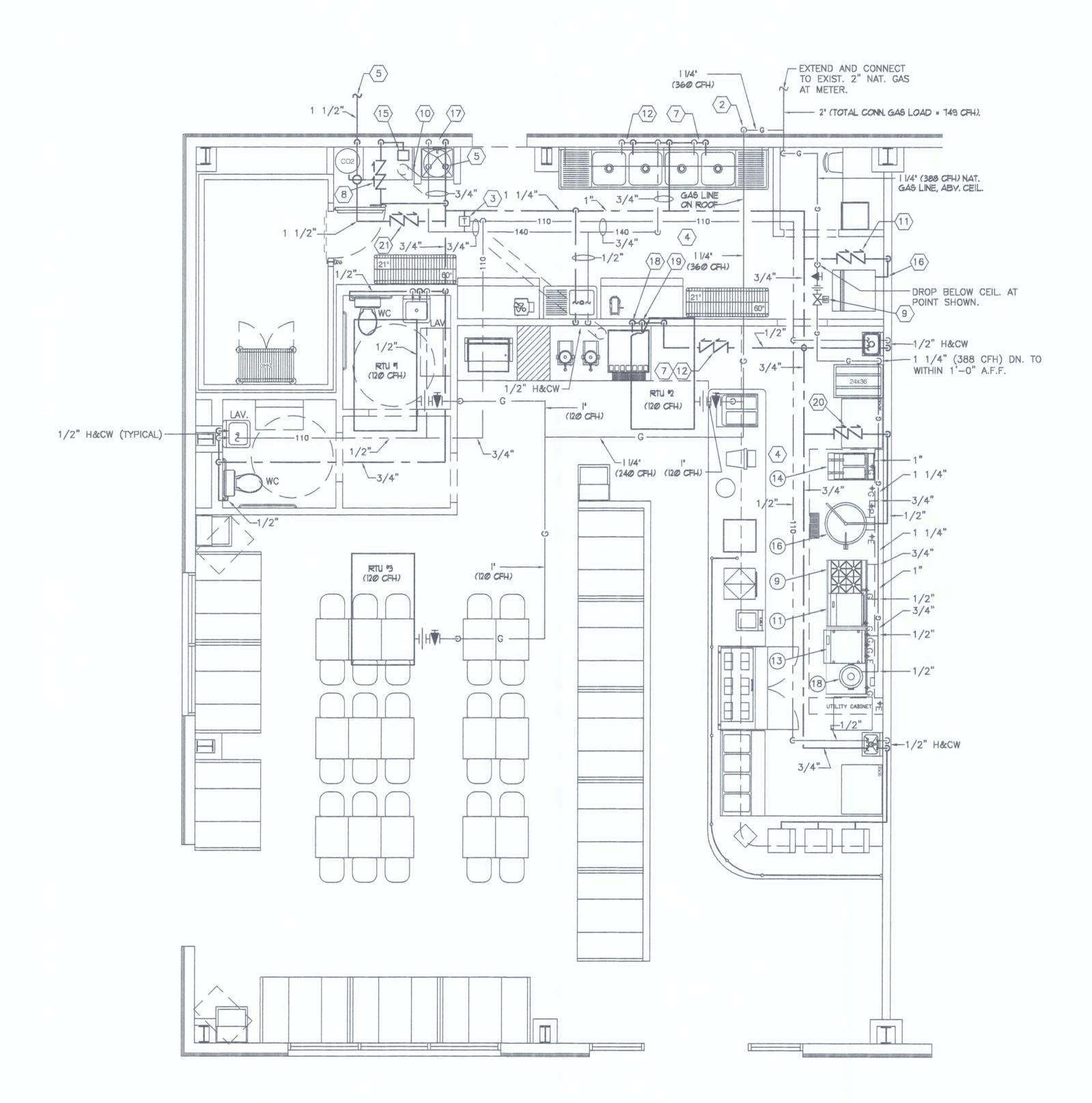
PLUMBING PLAN/RISER KEY NOTES:

- 1. 1 1/4" NAT GAS LINE DOWN TO AUTOMATIC GAS SOLENOLD VALVE. SEE NOTE 9, THIS SHEET.
- 2. NAT. GAS UP TO ROOF, EXPOSED, ON REAR WALL OF BLDG.
- 3. THERMOSTATIC MIXING VALVE MOUNTED ABOVE CEILING. LEONARD # TM-20-E-RF-LWS-3/4"
- 4. ALL KITCHEN EQUIPMENT, MOP SINK AND HOSE BIBBS SHALL BE PROVIDED WITH AN APPROVED BACK FLOW PREVENTER/VACUUM
- BREAKER AS REQUIRED BY STATE AND LOCAL CODES.

 5. EXTEND AND CONNECT TO EXISTING 1 1/2" CW MAIN AT LOCATION SHOWN. FIELD VERIFY EXACT LOCATION.
- 6. 3/4" H&CW DOWN TO WATER HEATER, WH-1, #47.
- 7. 1/2" DEDICATED LINE TO ICE/SODA DISPENSER, #20 & #42.
- 1/2" DOUBLE CHECK VALVE ASSEMBLY FOR CARBONATOR. WATTS SERIES 9BD-1/2" (INTERNAL ST. STEEL CONST.) MOUNT ON SHELF ADJACENT TO CARBONATOR.
- AUTOMATIC GAS SOLENOID VALVE INTERLOCKED W/RANGE-GRIDDLE FIRE SUPPRESSION SYSTEM. WHEN SUPPRESSION SYSTEM IS ACTIVATED VALVE CLOSES. VALVE INSTALLED BELOW CEILING.
- 4" PVC DRINK CONDUIT RUN BELOW SLAB TO DRINK STATION. USE LONG RADIUS ELBOWS AT EACH END. EXTEND CONDUIT 4" AFF, EACH END.
- 11. 1/2" DOUBLE CHECK VALVE ASSEMBLY FOR ICE MAKER, #19 (KITCHEN). WATTS SERIES 9BD-'/2" (INTERNAL ST. STEEL CONST.)
- 12. 1/2" DOUBLE CHECK VALVE ASSEMBLY FOR ICE MAKER (SODA DISPENSER #42). WATTS SERIES 9BD-1/2" (INTERNAL ST. STEEL CONST.)
- 13. 1/2" H&CW TO PRE-RINSE FAUCET, #26A.
- 14. 1/2" H&CW TO 12" SPOUT FAUCET, #26 B.
- 15. 1/2" H&CW TO CAREONATOR, #15.
- 16. 1/2" H&CW TO ICE MAKER W/ BIN, #19 (FOR KITCHEN).
- 17. 1/2" H&CW TO MOP SINK, #40.
- 18. 1/2" CW TO SODA DISPENSER, #42.
- 19. 1/2" CW TO ICE MAKER #20, FOR SODA DISPENSER, #42.
- 20. 1/2" DOUBLE CHECK VALVE ASSEMBLY FOR STEAM KETTLE, #16. WATTS SERIES 9BD- /2" (INTERNAL ST. STEEL CONST.)
- 21. 1/2" DOUBLE CHECK VALVE ASSEMBLY FOR BUILDING. WATTS SERIES 007-QT-1".

NOTES

- 1. REFER TO SHEET 1.04 FOR KITCHEN EQUIPMENT SCHEDULE.
- 2. REFER TO SHEET 4.03 FOR PLUMBING FIXTURE SCHEDULE AND DETAILS.



DOMESTIC WATER PLAN
SCALE: 1/4"=1'-0"



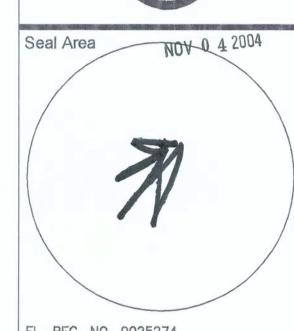
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3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977.9996 F.770.579.0643

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Sheet Description:
DOMESTIC WATER
PLAN

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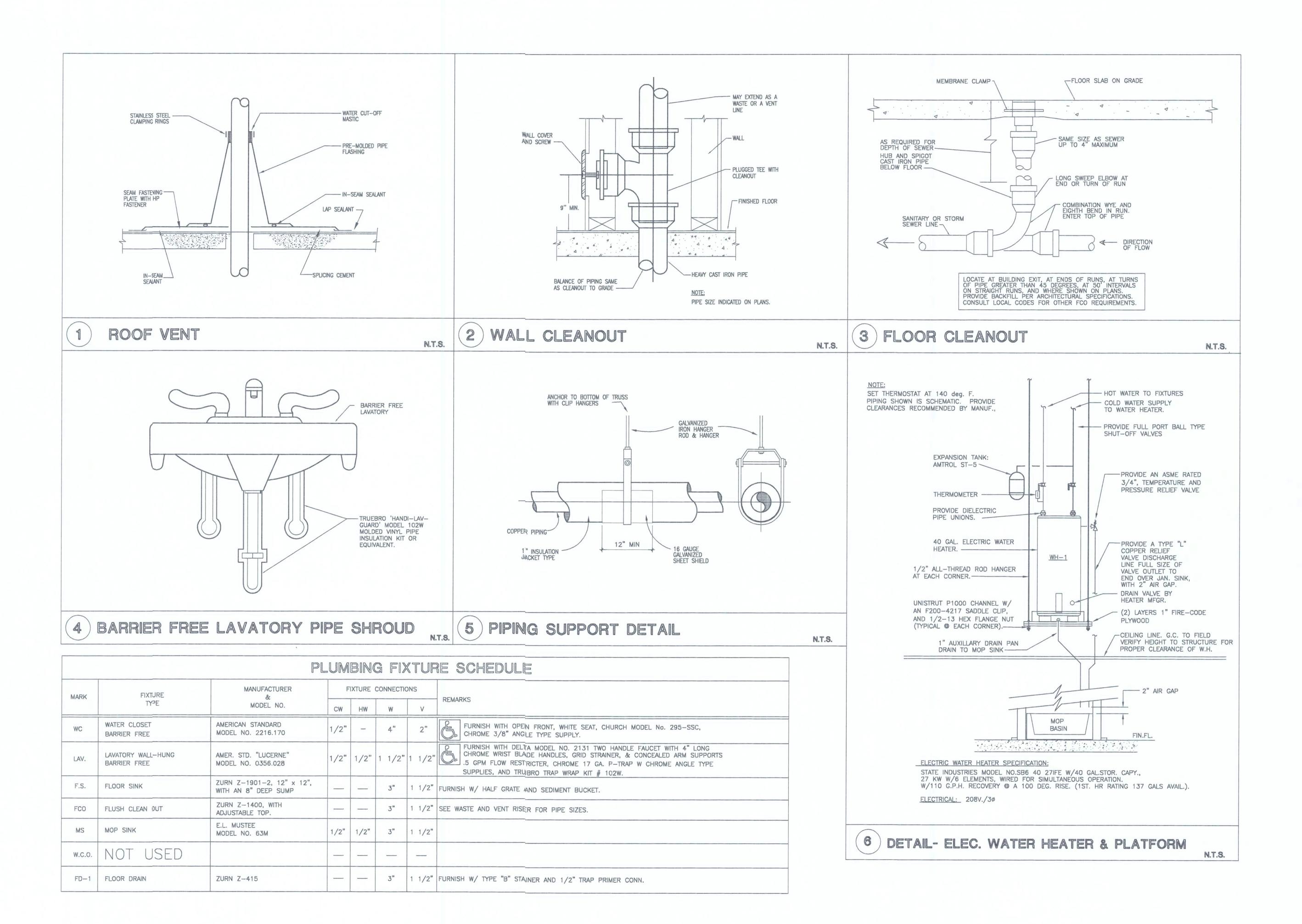
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Sheet Description:
PLUMBING DETAILS

Project #: D00630-S04

Date: 10.22.04

Scale: 1/4"=1'-0"

Designer: MEB

PROJECT NO. A04244

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PLUMBING FLOOR PLAN/RISER KEY NOTES

- CONNECT NEW WASTE LINE TO EXISTINGSANITARY MAIN (P.O.C.).
 PLUMBING CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION AND
 EXISTING CONDITIONS PRIOR TO CONNECTION.
- 1 1/2" I.W.D. FROM (4) COMPT. SINK. PROVIDE A ZURN Z-1108-L FLOW CONTROL FITTING W/ VENT EXTENDED TO DECK THRU GOOSENECK FITTING. PROVIDE A 1-1/4" STANDARD ORIFICE FOR FLOW CONTROL FITTING.
- 3. 3/4" I.W.D FROM COLD PANS RUN TO FLOOR SINK.
- 3/4" RELIEF LINE AND 1" OVERFLOW LINE FROM WATER HEATER PRESSURE AND TEMPERATURE RELEF VALVE AND DRAIN PAN.
- 5. NOT USED.
- 6. 3/4" I..W. DRAIN FROM WALK-IN COOLER, EVAPORATOR COIL.
- 7. 3/4" I.W. DRAIN FROM ICE MAKER AND ICE MAKER BIN DRAIN.
- 8. 1/2" TRAP PRIMER LINE FROM LAV. (TYPICAL)
- 9. 4" VENT UP, 4" VTR. NAINTAIN 10'-0" SEPARATION FROM NEAREST ROOFTOP UNIT AIR INLET.
- 10. 1 1/2" I.W.D FROM (1) COMPT. SINK. PROVIDE A ZURN Z-1108 FLOW CONTROL FITTING W/ VENT EXTENDED TO DECK THRU GOOSENECK FITTING. PROVIDE A 1-1/4" STANDARD ORIFICE FOR FLOW CONTROL FITTING.
- 11. FLOW CONTROL FITTING.
- 12. NOT USED.
- 13. 3/4" I.W. DRAIN FROM 1CE/SODA DISPENSER.
- 14. 3/4" I.W. DRAIN FROM DROP-IN ICE PAN (SALSA BAR).

NOTES:

- REFER TO SHEET 1.04 FOR KITCHEN EQUIPMENT SCHEDULE.
- REFER TO SHEET 4.03 FOR PLUMBING FIXTURE SCHEDULE AND DETAILS.

GREASE WASTE CALCULATION

GIVEN: ONE (3) FOUR COMPARTMENT SINK. EACH BASIN IS 20" x 20" x 14" = 5600 CJ. x 4 = 22.400 C.I./231 = 97 GALS.

ACTUAL DRAINAGE LOAD =97 x 0.75 =73 GALS.

FLOW RATE = 97.0 GPM (1 MIN. DURATION)

FLOW RATE =48.5 GPM (2 NIN. DURATION) —— USE 2 MINS.

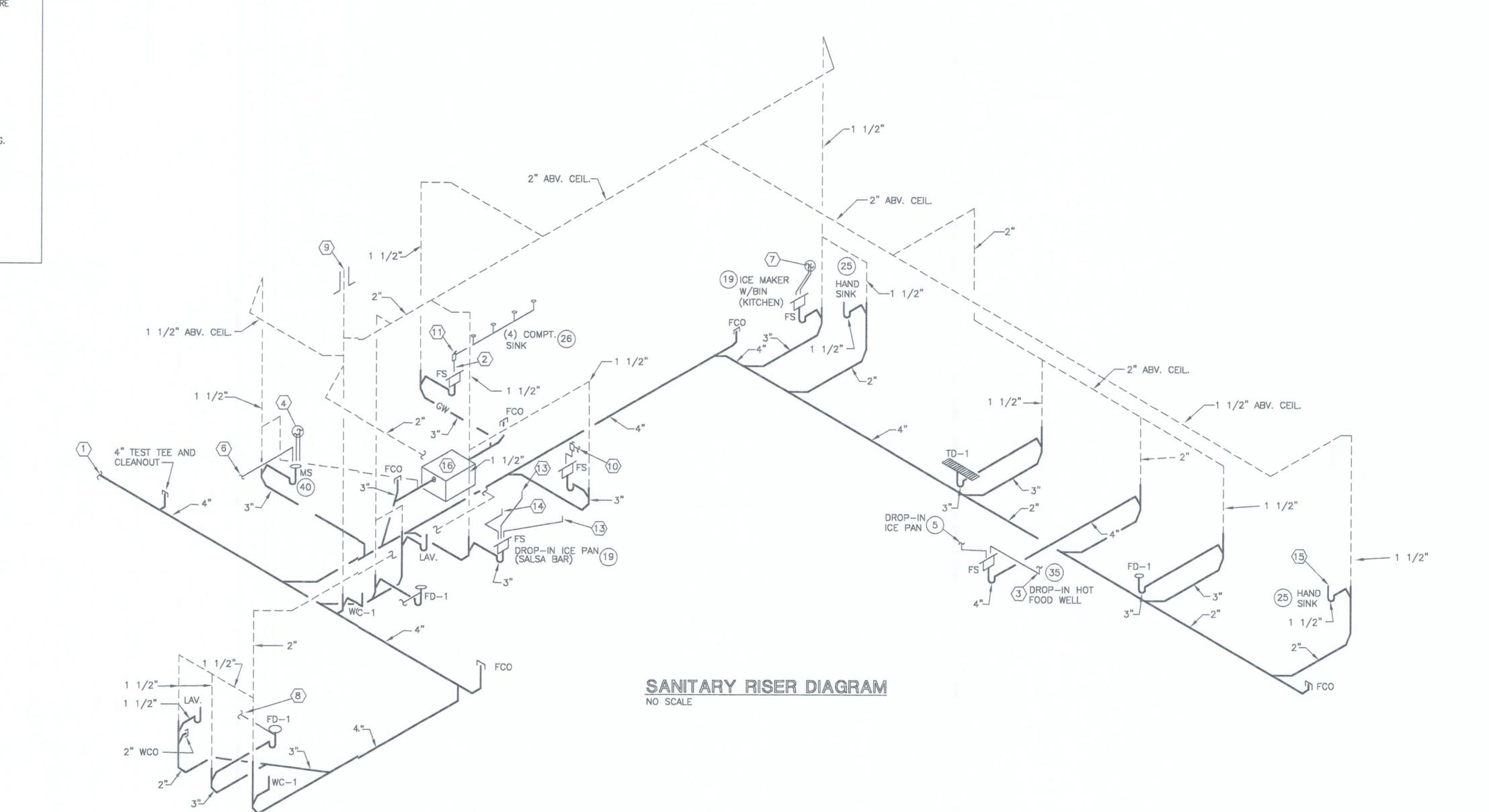
USE 50 GPM FLOW RATE.

LIGHT COMMERCIAL GREASE TRAP SPECIFICATION:

PROVIDE A ZURN INDS., GT2700-50 W/A 4" INLET/OUTLET, A 50 GPM FLOW RATE, AND A GREASE CAPY. OF 100 LBS.

PROVIDE A ZURN FLOW CONTROL FITTING, Z-1108 W/ A 1 1/4" STANDARD SIZE ORIFICE.

ALSO PROVIDE A ZURN INDS., JP2700-25 GREASE TRAP EXTENSION TO ALLOW UNIT TO SIT FLUSH W/ FINISH FLOOR.





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Sheet Description:
SANITARY RISER DIAGRAM

Project #:
D00630-S04

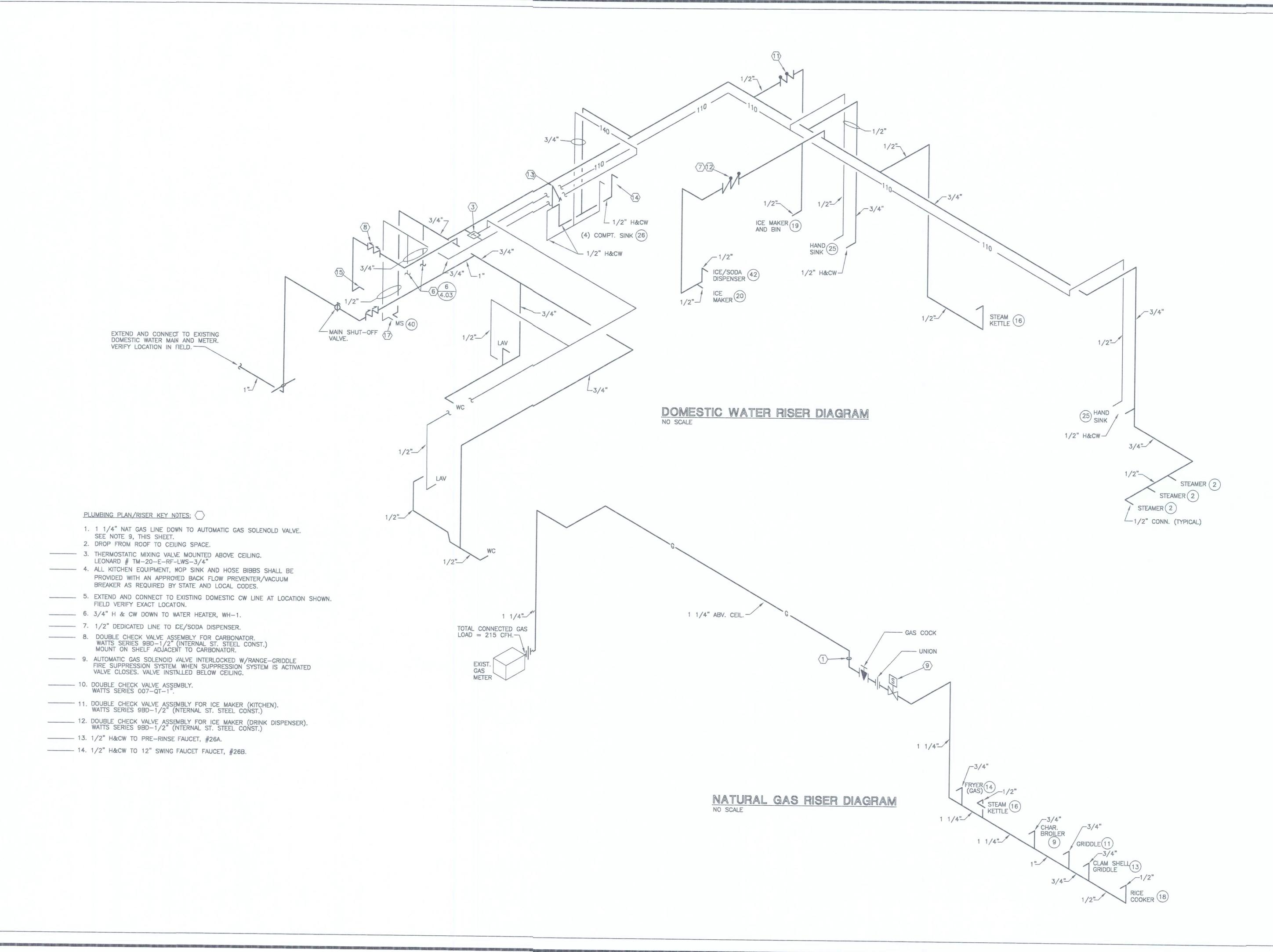
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Sheet Description: DOMESTIC WATER RISER PLAN

Project #: D00630-S04

Sheet #: Date: 10.22.04

Scale: 1/4"=1'-0" Designer: MEB PROJECT NO. A04244 PLUMBING SPECIFICATIONS

DIVISION 15 - PLUMBING TABLE OF CONTENTS

SECTION 15010 SPECIAL REQUIREMENTS FOR PLUMBING 15400 PLUMBING 15410 PLUMBING PIPING

PLUMBING FIXTURES

SECTION 15010 - SPECIAL REQUIREMENTS FOR PLUMBING

PART 1.00 - GENERAL 1.01 REFERENCES:

15440

- A. THE GENERAL CONDITIONS AND SPECIAL CONDITIONS ARE A PART OF THIS
- B. WHERE ITEMS OF THE GENERAL CONDITIONS AND SPECIAL CONDITIONS ARE REPEATED IN THIS SECTION OF THE SPECIFICATIONS, IT IS MERELY INTENDED TO QUALIFY OR TO CALL ATTENTION TO THEM. IT IS NOT INTENDED THAT ANY OTHER PART OF THE GENERAL CONDITIONS SHALL BE ASSUMED TO BE OMITTED IF NOT
- C. THIS SECTION APPLIES EQUALLY AND SPECIFICALLY TO ALL CONTRACTORS SUPPLYING LABOR AND/OR EQUIPMENT AND/OR MATERIALS AS REQUIRED UNDER EACH SECTION OF THIS DIVISION.

1.02 INTENT:

- A. IT IS THE INTENTION OF THE SPECIFICATIONS AND DRAWINGS TO CALL FOR FINISHED WORK, TESTED AND READY FOR OPERATION. ANY APPARATUS, APPLIANCE, MATERIAL OR WORK NOT SHOWN ON THE DRAWINGS, BUT MENTIONED IN THE SPECIFICATIONS OR VICE-VERSA, OR ANY INCIDENTAL ACCESSORIES NECESSARY TO MAKE THE WORK COMPLETE AND PERFECT IN ALL RESPECT AND READY FOR OPERATION, EVEN IF NOT PARTIALLY SPECIFIED, SHALL BE FINISHED, DELIVERED AND INSTALLED UNDER THEIR RESPECTIVE DIVISION WITHOUT ADDITIONAL EXPENSE TO THE OWNER.
- B. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT NECESSARY FOR THE PROPER INSTALLATION AND OPERATION, SHALL BE INCLUDED IN THE WORK AS THOUGH THEY ARE HEREINAFTER SPECIFIED OR SHOWN.
- C. WORK UNDER EACH SECTION SHALL INCLUDE GIVING WRITTEN NOTICE TO THE OWNER OF ANY MATERIALS OR APPARATUS BELIEVED INADEQUATE OR UNSUITABLE, IN VIOLATION OF LAWS, ORDINANCES , RULES OF REGULATIONS OF AUTHORITIES HAVING JURISDICTION, AND NECESSARY ITEMS OF NOTICE, IT IS MUTUALLY AGREED THAT WORK UNDER EACH DIVISION HAS INCLUDED THE COST OF ALL REQUIRED ITEMS FOR THE APPROVED SATISFACTORY FUNCTIONING OF THE ENTIRE SYSTEM WITHOUT EXTRA COMPENSATION.

1.03 DRAWINGS:

- A. DRAWINGS ARE DIAGRAMATIC AND INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED IN THE CONTRACT. DO NOT SCALE THE DRAWINGS. CONSULT THE ARCHITECTURAL DRAWINGS AND DETAILS FOR EXACT LOCATION OF FIXTURES AND EQUIPMENT, WHERE SAME ARE NCT DEFINITELY LOCATED, OBTAIN THIS INFORMATION FROM THE ARCHITECT
- B. WORK UNDER EACH SECTION SHALL CLOSELY FOLLOW DRAWINGS IN LAYOUT OF WORK AND CHECK DRAWINGS OF OTHER DIVISIONS TO VERIFY SPACES IN WHICH WORK WILL BE INSTALLED. MAINTAIN MAXIMUM HEADROOM AND WHERE SPACE CONDITIONS APPEAR INADEQUATE, ENGINEER SHALL BE NOTIFIED BEFORE PROCEEDING WITH INSTALLATIONS.
- C. ENGINEER MAY, WITHOUT EXTRA CHARGE, MAKE REASONABLE MODIFICATIONS TO THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.
- D. WHERE VARIANCES OCCUR BETWEEN THE DRAWINGS AND SPECIFICATIONS OR WITHIN EITHER OF THE DOCUMENTS. THE ITEM OR ARRANGEMENT OF BETTER QUALITY, OR HIGHER COST, SHALL BE INCLUDED IN THE CONTRACT PRICE. THE ENGINEER SHALL DECIDE ON THE ITEM AND THE MANNER IN WHICH THE WORK SHALL BE INSTALLED.

1.04 SURVEYS AND MEASUREMENTS:

- A. BEFORE SUBMITTING HIS BID, THE CONTRACTOR SHALL VISIT THE SITE, AND THE EXISTING BUILDING AND SHALL BECOME THOROUGHLY FAMILIAR WITH ALL CONDITIONS UNDER WHICH HIS WORK WILL BE INSTALLED, AS HE WILL BE HELD RESPONSIBLE FOR ANY ASSUMPTIONS HE MAKES OR ANY OMISSIONS OR ERRORS HE MAKES AS A RESULT OF HIS FAILURE TO BECOME FAMILIAR WITH THE SITE, THE EXISTING BUILDING AND THE CONTRACT DOCUMENTS.
- B. THE CONTRACTOR SHALL BASE ALL MEASUREMENTS, BOTH HORIZONTAL AND VERTICAL FROM ESTABLISHED BENCH MARKS. ALL WORK SHALL AGREE WITH THESE ESTABLISHED LINES AND LEVELS. VERIFY ALL MEASUREMENTS AT SITE AND CHECK THE CORRECTNESS OF SAME AS RELATED TO THE WORK.
- C. SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCY BETWEEN ACTUAL MEASUREMENTS AND THOSE INDICATED, WHICH PREVENTS FOLLOWING GOOD PRACTICE OR THE INTENT OF THE DRAWINGS AND SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER AND SHALL NOT PROCEED WITH HIS WORK UNTIL HE HAS RECEIVED INSTRUCTIONS FROM THE ENGINEER.

1.05 CODES AND STANDARDS:

- A. THE STANDARDS AND CODES LISTED BELOW SHALL APPLY TO ALL MECHANICAL WORK. WHERE STANDARDS OR CODES ARE MENTIONED IN THESE SPECIFICATIONS THE LATEST EDITION OR REVISION SHALL BE FOLLOWED.
- ANSI A13.1— SCHEME FOR THE IDENTIFICATION OF PIPING SYSTEM ANSI A40.8 - NATIONAL PLUMBING CODES
- 5. ANSI C 1 NATIONAL ELECTRIC CODE (NFPA 70) 4. ANSI C50 - ROTATING ELECTRICAL MACHINERY
- 5. ANSI C51.1- CONSTRUCTION AND GUIDE FOR SELECTION, INSTALLATION F 6. ANSI C52.1- MOTORS AND GENERATORS (NENA MG 1)
- B. STATE AND LOCAL CODES SHALL APPLY AS LISTED ON THE COVER SHEET.

C. THE FOLLOWING ABBREVIATIONS ARE USED WITHIN THIS SECTION OF THE SPECIFICATIONS:

- ACPA AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS
- AMCA AIR MOVING AND CONDITIONING ASSOCIATION
- ANSI AMERICAN NATIONAL STANDARDS INSTITUTE API - AMERICAN PETROLEUM INSTITUTE
- ARI AIR CONDITIONING AND REFRIGERATION INSTITUTE ASHRAE- AMERICAN SOCIETY OF HEATING REFRIGERATION AND AIR CONDITIONING
- **ENGINEERS** AMERICAN SOCIETY OF MECHANICAL ENGINEERS
- ASTM AMERICAN SOCIETY OF TESTING AND MATERIALS
- AWS AMERICAN WELDING SOCIETY AWWA - AMERICAN WATER WORKS ASSOCIATION
- BOCA BUILDING OFFICIALS AND CODE ADMINISTRATORS INTERNATIONAL, INC. CGA - COMPRESSED GAS ASSOCIATION
- CISPI CAST IRON SOIL PIPE INSTITUTE EJMA - EXPANSION JOINT MANUFACTURERS ASSOCIATION
- ENVIRONMENTAL PROTECTION AGENCY
- IBR INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS
- IEEE INSTITUTE OF ELECTRICAL AND ELECTRICAL ENGINEERS
- NEMA NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION NFPA - NATIONAL FIRE PROTECTION ASSOCIATION
- NOFI NATIONAL OIL FUEL INSTITUTE NSPC - NATIONAL STANDARD PLUMBING CODE OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
- PDI PLUMBING AND DRAINAGE INSTITUTE
- SMACNA SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
- U.L. UNDERWRITERS' LABORATORIES

1.06 PERMITS AND FEES:

- A. THE CONTRACTOR SHALL GIVE ALL NECESSARY NOTICES, O'BTAIN ALL PERMITS AND PAY ALL GOVERNMENT SALES TAXES AND FEES WHERE APPILICABLE, AND OTHER COSTS, INCLUDING UTILITY CONNECTIONS OR EXTENSIONS, IN CONNECTION WITH HIS WORK, FILE ALL NECESSARY APPROVALS OF ALL GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION, OBTAIN ALL REQUIRED CERTIFICATES OF INSPECTION FOR HIS WORK AND DELIVER A COPY TO THE ENGINEER BEFORE REQUEST FOR ACCEPTANCE AND FINAL PAYMENT FOR THE WORK.
- B. THE CONTRACTOR SHALL INCLUDE IN THE WORK, WITHOUT EXTRA COST TO THE OWNER, ANY LABOR, MATERIALS, SERVICES, APPARATUS, DRAWINGS, IN ORDER TO COMPLY WITH ALL APPLICABLE LAWS, ORDINANCES RULES AND REGULATIONS, WHETHER OR NOT SHOWN ON DRAWINGS AND/OR SPECIFIED.
- C. ALL MATERIALS FURNISHED AND ALL WORK INSTALLED SHALL COMPLY WITH RULES AND RECOMMENDATIONS OF THE NATIONAL FIRE PROTECTION ASSOCIATION, WITH THE REQUIREMENTS OF THE LOCAL UTILITY COMPANIES, WITH THE RECOMMENDATIONS OF THE INSURING AUTHORITY, AND WITH THE REQUIREMENTS OF ALL GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.

1.07 COORDINATION WITH OTHER DIVISIONS:

- A. ALL WORK SHALL BE CARRIED OUT IN CONJUNCTION WITH OTHER TRADES AND FULL COOPERATION SHALL BE IN ORDER THAT ALL WORK MAY PROCEED WITH A MINIMUM OF DELAY AND INTERFERENCE. PARTICULAR EMPHASIS PLACED ON TIMELY INSTALLATION OF MAJOR APPARATUS AND FURNISHING OTHER CONTRACTORS ESPECIALLY THE GENERAL CONTRACTOR, WITH INFORMATION AS TO OPENINGS
- CHASES, EQUIPMENT LOCATIONS, PANELS WIRING REQUIRED BY OTHER TRADES. B. THE CONTRACTOR IS REQUIRED TO EXAMINE ALL OF THE PROJECT DRAWING AND MUTUALLY ARRANGE WORK SO AS TO AVOID INTERFERENCE, DUCTWORK, HEATING PIPES AND DRAINAGE LINES TAKE PRECEDENCE OVER WATER, GAS AND ELECTRICAL CONDUITS
- C. WHERE THE WORK OF THE CONTRACTOR WILL BE INSTALLED IN CLOSE PROXIMITY TO, OR WILL INTERFERE WITH WORK OF OTHER TRADES, HE SHALL ASSIST IN WORKING OUT SPACE CONDITIONS TO MAKE A SATISFACTORY ADJUSTMENT. IF SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL PREIPARE COMPOSITE WORKING DRAWINGS AND SECTIONS AT A SCALE NOT LESS THAN 3/8" = 1 CLEARLY SHOWING HOW HIS WORK IS TO BE INSTALLED IN RELATION TO THE WORK OF OTHER TRADES. IF THE CONTRACTOR INSTALLS HIS WORK BEFORE COORDINATING WITH OTHER TRADES, HE SHALL MAKE NECESSARY CHANGES IN HIS WORK TO CORRECT THE CONDITION WITHOUT EXTRA CHARGE. CONTRACTORS SHALL COORDINATE RADIATION COVERS WITH CONVENIENCE OUTLET'S TO AVOID CONFLICTS.

1.08 APPROVALS:

- A. THE MATERIALS, WORKMANSHIP, DESIGN AND ARRANGEMENT OF ALL WORK SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
- B. WITHIN THIRTY (30) DAYS AFTER THE ACCEPTANCE OF BIDS, THE MECHANICAL CONTRACTOR SHALL SUBMIT TO THE ENGINEER FOR APPROVAL A LIST OF MANUFACTURERS OF EQUIPMENT PROPOSED FOR THE WORK UNDER THE MECHANICAL SECTION. THE INTENT TO USE THE EXACT MAKIES SPECIFIED DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF SUBMITTING SUCH A LIST.
- C. WHERE ANY SPECIFIC MATERIAL, PROCESS OR METHOD OF CONSTRUCTION, OR MANUFACTURED ARTICLE IS SPECIFIED BY NAME OR BY REFERENCE TO THE CATALOGUE NUMBER OF A MANUFACTURER, THE SPECIFICATIONS ARE TO BE USED AS A GUIDE AND ARE NOT INTENDED TO TAKE PRECEDENCE OVER THE BASIC DUTY AND PERFORMANCE SPECIFIED WITH THE SPECIFIC CHARACTERISTICS OF TH EQUIPMENT OFFERED FOR APPROVAL. EQUIPMENT CHARACTERISTICS ARE TO BE USED AS MANDATORY REQUIREMENTS WHERE CONTRACTOR PROPOSES TO USE AN
- D. ALL COMPONENT PARTS OF EACH ITEM OF EQUIPMENT OR DEVICE SHALL BEAR THE MANUFACTURER'S NAMEPLATE, GIVING NAME OF MANUFACTURER, DESCRIPTION. SIZE, TYPE, SERIAL OR MODEL NUMBER, ELECTRICAL CHARACTERISTICS, ETC., IN ORDER TO FACILITATE MAINTENANCE OR REPLACEMENT. THE NAMEPLATE OF SUBCONTRACTOR OR DISTRIBUTOR WILL NOT BE ACCEPTABLE.
- E. IF MATERIAL OR EQUIPMENT IS INSTALLED BEFORE IT IS APPROVED. THE CONTRACTOR SHALL BE LIABLE FOR ITS REMOVAL AND REPLACEMENT AT NO EXTRA CHARGE TO THE OWNER IF, IN THE OPINION OF THE ENGINEER, THE MATERIAL OR EQUIPMENT DOES NOT MEET THE INTENT OF THE DRAWINGS AND SPECIFICATIONS.

1.09 EQUIPMENT DEVIATIONS:

- A. BIDS SHALL BE BASED ON MATERIAL AND EQUIPMENT SPECIFIED. WHERE MORE THAN ONE MANUFACTURER IS NAMED IN THE PLANS OR SPECIFICATIONS, EQUIPMENT OR MATERIALS SHALL BE EQUAL TO THE MODEL OR TYPE SPECIFIED. BUT MAY BE THE PRODUCT OF ANY OF THE MANUFACTURERS LISTED FOR THE PARTICULAR ITEM. IF IT IS DESIRED TO SUBSTITUTE THE PRODUCT OF A MANUFACTURER NOT SPECIFIED A PARTICULAR ITEM, THE MANUFACTURER AND ITEM TO BE SUBSTITUTED SHALL BE NAMED ON THE BID FORM TOGETHER WITH THE ADDITION OR DEDUCTION OF THE BASE BID. BASE BID SHALL BE BASED ON USING MANUFACTURER'S EQUIPMENT AS
- B. IN THESE SPECIFICATIONS AND ON THE ACCOMPANYING DRAWINGS. ONE OR MORE MAKES OF MATERIALS, APPARATUS OR APPLIANCE HAVE BEEN SPECIFIED FOR USE IN THIS INSTALLATION. THIS HAS BEEN DONE FOR CONVENIENCE IN FIXING THE STANDARD OF WORKMANSHIP, FINISH AND DESIGN REQUIRED FOR THIS WORKMANSHIP, FINISH AND DESIGN AND THE GUARANTEED PERFORMANCE OF ANY MATERIALS, APPARATUS OR APPLIANCE WHICH THE CONTRACTOR DESIRES TO SUBSTITUTE FOR THOSE MENTIONED STANDARDS. WHERE NO SPECIFIC MAKE OF MATERIAL. APPARATUS OR APPLIANCE IS MENTIONED, ANY FIRST CLASS PRODUCT MADE BY REPUTABLE MANUFACTURER MAY BE USED, PROVIDING IT CONFORMS TO THE REQUIREMENTS OF THESE SPECIFICATIONS, IN THE OPINION OF AND MEETS THE APPROVAL OF THE ENGINEER. WHERE TWO OR MORE NAMES ARE GIVEN AS EQUALS, THE CONTRACTOR MUST USE ONE OF THE NAMED EQUALS. WHERE ONE NAME ONLY IS USED AND IS FOLLOWED BY THE WORD "OR APPROVED EQUAL" THE CONTRACTOR MUST USE THE ITEM NAMED, BUT HE MAY APPLY FOR SUBSTITUTION THROUGH THE PRESCRIBED MANNER.
- C. WHERE THE CONTRACTOR PROPOSES TO USE AN ITEM OF EQUIPMENT OTHER THAN SPECIFIED OF DETAILED ON THE DRAWINGS WHICH REQUIRES ANY REDESIGN OF THE STRUCTURE, PARTITIONS, FOUNDATIONS WIRING, OR ANY OTHER PART OF THE MECHANICAL, ELECTRICAL OR ARCHITECTURAL LAYOUT, ALL SUCH REDESIGN AND ALL NEW DRAWINGS AND DETAILING REQUIRED THEREFORE SHALL WITH THE APPROVAL OF THE ENGINEER, BE PREPARED UNDER WORK OF THE RESPECTIVE
- SECTION AT NO COST TO THE OWNER. D. WHERE SUCH APPROVED DEVIATION REQUIRES A DIFFERENT QUANTITY AND ARRANGEMENT OF DUCTWORK, PIPING, WIRING, CONDUIT AND EQUIPMENT FROM THAT SPECIFIED OR INDICATED ON THE DRAWINGS, WITH THE APPROVAL OF THE ENGINEER, THE CONTRACTOR SHALL FURNISH AND INSTALL ANY SUCH DUCTWORK, PIPING. STRUCTURAL SUPPORTS, INSULATION, CONTROLLERS, MOTORS, STARTERS, AND ANY OTHER ADDITIONAL EQUIPMENT REQUIRED BY THE SYSTEM AT NO ADDITIONAL COST TO THE OWNER.

1.10 MANUFACTURER'S IDENTIFICATION:

A. MANUFACTURER'S NAMEPLATE, NAME OR TRADEMARK AND AIDDRESS SHALL BE ATTACHED PERMANENTLY TO ALL EQUIPMENT AND MATERIAL FURNISHED UNDER THIS DIVISION. THE NAMEPLATE OF A CONTRACTOR OR DISTRIBUTOR SHALL NOT BE ACCEPTABLE.

1.11 SHOP DRAWINGS:

- A. CONTRACTOR SHALL SUBMIT FOR REVIEW, DETAILED SHOP DRAWINGS OF ALL EQUIPMENT AND ALL MATERIAL REQUIRED TO COMPLETE THE PROJECT. NO MATERIAL OR EQUIPMENT MAY BE DELIVERED TO THE SITE OR INSTALLED UNTIL THE CONTRACTOR HAS IN HIS POSSESSION AN APPROVED SHOP DRAWING FOR THE
- PARTICULAR MATERIAL OR EQUIPMENT. B. SHOP DRAWINGS SHALL BE SUBMITTED IN ACCORDANCE WITH THE REQUIREMENT
- OUTLINED IN THE GENERAL CONDITIONS OF THESE SPECIFICATIONS. C. FAILURE OF THE CONTRACTOR TO SUBMIT SHOP DRAWINGS IN AMPLE TIME SHALL NOT ENTITLE HIM TO AN EXTENSION OF CONTRACT TIME AND NO CLAIM FOR EXTENSION BY REASON OF SUCH DEFAULT TO BE ALLOWED.
- D. CATALOGS, PAMPHLETS OR OTHER DOCUMENTS SUBMITTED TO DESCRIBE ITEMS ON WHICH APPROVAL IS REQUESTED, SHALL BE SPECIFIC AND IDENTIFICATIFIED IN CATALOG. PAMPHLET, ETC. OF ITEM SUBMITTED SHALL BE CLEARLY MADE IN INK. DATA OF GENERAL NATURE WILL NOT BE ACCEPTED.
- E. THE CONTRACTOR SHALL FURNISH ALL NECESSARY TEMPLATES, PATTERNS, ETC. FOR INSTALLATION WORK AND FOR THE PURPOSE OF MAKING ADJOINING WORK CONFORM, FURNISH SETTING PLANS AND SHOP DETAILS TO OTHER TRADES AS
- F. APPROVAL RENDERED ON SHOP DRAWINGS SHALL NOT BE CONSIDERED AS A GUARANTEE OF MEASUREMENTS OR BUILDING CONDITIONS. WHERE DRAWINGS ARE APPROVED, APPROVAL DOES NOT MEAN THAT DRAWINGS HAVE BEEN CHECKED IN DETAIL; SAID APPROVAL DOES NOT IN ANY WAY RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY, OR NECESSITY IF FURNISHING MATERIAL OR PERFORMING WORK AS REQUIRED BY THE CONTRACT DRAWINGS AND SPECIFICATIONS. VERIFY AVAILABLE SPACE PRIOR TO SUBMITTING SHOP DRAWINGS.
- G. APPROVAL OF SHOP DRAWINGS SHALL NOT APPLY TO QUANTITY NOR RELIEVE CONTRACTOR OF HIS RESPONSIBILITY TO COMPLY WITH INTENT OF DRAWINGS AND SPECIFICATIONS. APPROVAL OF SHOP DRAWINGS ARE FINAL AND NO FURTHER CHANGES WILL BE ALLOWED WITHOUT THE WRITTEN CONSENT OF THE ENGINEER.

1.12 MATERIAL AND WORKMANSHIP:

- A. ALL MATERIALS AND APPARATUS REQUIRED FOR THE WORK, EXCEPT AS SPECIFIED OTHERWISE, SHALL BE NEW, OF FIRST CLASS QUALITY AND SHALL BE FURNISHED. DELIVERED, CONNECTED AND FINISHED IN EVERY DETAIL AND SHALL BE SO SELECTED AND ARRANGED TO FIT PROPERLY INTO THE BUILDING SPACE. WHERE NO SPECIFIC KIND OF QUALITY OR MATERIAL IS GIVEN, A FIRST-CLASS STANDARD ARTICLE AS ACCEPTED BY THE ENGINEER, SHALL BE FURNISHED.
- B. THE CONTRACTOR SHALL FURNISH THE SERVICES OF AN EXPERIENCED SUPERINTENDENT WHO SHALL BE CONSTANTLY IN CHARGE OF THE INSTALLATION OF THE WORK, TOGETHER WITH ALL SKILLED WORKMEN, FITTERS, METAL WORKERS, WELDERS, HELPERS, AND LABOR REQUIRED TO UNLOAD, TRANSFER, ERECT,
- CONNECT-UP, ADJUST, START, OPERATE AND TEST EACH SYSTEM. C. UNLESS OTHERWISE SPECIFICALLY INDICATED ON THE PLANS OR SPECIFICATIONS, ALL EQUIPMENT AND MATERIALS SHALL BE INSTALLED WITH THE ACCEPTANCE OF THE ENGINEER IN ACCORDANCE RECOMMENDATIONS OF THE MANUFACTURER. THIS INCLUDES THE PERFORMANCE OF SUCH TESTS AS THE MANUFACTURER RECOMMENDS.

1.13 PROTECTION:

- A. WORK UNDER THIS SECTION SHALL INCLUDE PROTECTING THE WORK AND MATERIALS OF ALL OTHER SECTIONS FROM DAMAGE BY WORK OR WORKMEN, AND SHALL INCLUDE MAKING GOOD ALL DAMAGE US CAUSED.
- B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR WORK AND EQUIPMENT UNTIL FINALLY INSPECTED, TESTED AND ACCEPTED; PROTECT WORK AGAINST THEFT INJURY OR DAMAGE; AND CAREFULLY STORE MATERIAL AND EQUIPMENT RECEIVED ON SITE WHICH ARE NOT IMMEDIATELY INSTALLED. CLOSE OPEN ENDS OF WORK WITH TEMPORARY COVERS OR PLUGS DURING CONSTRUCTION TO PREVENT ENTRY OF OBSTRUCTING MATERIAL.
- C. WORK UNDER THIS SECTION, INCLUDES RECEIVING, UNLOADING, UNCRATING STORING, PROTECTING, SETTING IN PLACE AND CONNECTING UP COMPLETELY OF EQUIPMENT SUPPLIED UNDER THIS SECTION. WORK UNDER THIS SECTION SHALI ALSO INCLUDE EXERCISING SPECIAL CARE IN HANDLING AND PROTECTING EQUIPMENT AND FIXTURES AND SHALL INCLUDE THE COST OF REPLACING ANY OF THE ABOVE EQUIPMENT AND FIXTURES WHICH MISSING OR DAMAGED BY REASON OF MISHANDLING OR FAILURE TO PROTECT ON THE PART OF THE CONTRACTOR.

1.14 SLEEVES, INSERTS AND ANCHOR BOLTS:

- A. THE CONTRACTOR SHALL PROVIDE, SET IN PLACE AND BE HELD RESPONSIBLE FOR THE LOCATION OF ALL SLEEVES, INSERTS, AND ANCHOR BOLTS REQUIRED FOR THEIR WORK. IN THE EVENT THAT FAILURE TO DO SO REQUIRES CUTTING AND PATCHING OF
- FINISHED WORK, IT SHALL BE DONE AT THE CONTRACTOR'S EXPENSE B. ALL PIPES AND CONDUITS PASSING THROUGH FLOORS, WALLS, OR PARTITIONS, SHALL BE PROVIDED WITH SLEEVES HAVING AN INTERNAL DIAMETER 1 INCH LARGER THAN THE OUTSIDE DIAMETER OF THE PIPE, CONDUIT OR INSULATION, ENCLOSING
- C. SLEEVES THROUGH OUTSIDE WALLS SHALL BE CAST IRON SLEEVES WITH IMMEDIATE INTEGRAL FLANGE. SLEEVES SHALL BE SET WITH ENDS FLUSH WITH EACH FACE OF WALL. THE SPACE BETWEEN SLEEVE AND PIPE SHALL BE PACKED WITH OAKUM TO WITH TWO (2) INCHES OF EACH FACE OF WALL. THE REMAINING SPACE SHALL BE PACKED AND MADE WATERTIGHT WITH A WATERPROOF COMPOUND.
- D. SLEEVES THROUGH CONCRETE FLOORS OR INTERIOR MASONRY WALLS SHALL BE SCHEDULE 40 BLACK STEEL PIPE, SST FLUSH WITH FINISHED WALL OR CEILING
- SURFACES, BUT EXTENDING TWO (2) INCHES ABOVE FINISHED FLOORS. E. SLEEVES THROUGH INTERIOR PARTITIONS SHALL BE 22 GAUGE GALVANIZED SHEET STEEL, SET FLUSH WITH FINISHED SURFACES OF PARTITIONS.
- F. INSERTS SHALL BE INDIVIDUAL OR STRIP TYPE OR PRESSED STEEL CONSTRUCTION WITH ACCOMMODATION FOR REMOVAL NUTS AND THREADED RODS UP TO 3/4 DIAMETER, PERMITTING LATERAL ADJUSTMENT. INDIVIDUAL INSERTS SHALL HAVE AN OPENING AT THE TOP TO ALLOW REINFORCING RODS UP TO 1/3" DIAMETER TO BE PASSED THROUGH THE INSERT BODY. STRIP INSERTS SHALL HAVE ATTACHED RODS HAVING HOOKED ENDS TO ALLOW FASTENING TO REINFORCING RODS. INSERTS SHALL BE AS MANUFACTURED BY CARPENTER AND PATTERSON, INC., GRINNEL CO., INC. OR APPROVED EQUAL.

1.15 NOT USED

1.33 RECORD DRAWINGS:

A. MAINTAIN AT THE JOB SITE A RECORD SET OF MECHANICAL DRAWINGS ON WHICH CHANGES IN LOCATION OF EQUIPMENT, PIPING, DUCTS, VALVES, CLEANOUTS, PANELS AND MAJOR CONDUITS SHALL BE RECORDED THESE SHALL BE CLEARLY MARKED ON A CLEAN SET OF SEPIA AT THE COMPLETION OF WORK AND TURN OVER TO THE ENGINEER.

END OF SECTION 15010

DIVISION 15 - PLUMBING

- SECTION 15400 PLUMBING PART 1.00 - GENERAL PROVISION
- 1.01 THE CONTRACTOR FOR WORK UNDER THIS SECTION SHALL REFER TO THE CONTRACT DRAWINGS, GENERAL CONDITIONS, CONTRACT SPECIFICATIONS, ALL OF WHICH ARE HEREBY MADE A PART OF THIS SECTION.
- 1.02 THE CONTRACTOR'S PARTICULAR ATTENTION IS DIRECTED TO THE "GENERAL NOTES", AND THE REQUIREMENT TO STRICTLY COMPLY WITH ALL THE PROVISIONS OF

1.03 WORK INCLUDED:

- A. PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, SERVICES, ETC., NECESSARY OR REQUIRED FOR THE WORK OF THIS SECTION, AS INDICATED ON THE DRAWINGS, HEREIN SPECIFIED, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. ITEMS OF WORK SHALL CONSIST GENERALLY OF, BUT NOT
- BE LIMITED TO THE FOLLOWING: 1. SANITARY DRAINAGE TO 5'-0" OUTSIDE BUILDING.
- SANITARY VENT PIPING . DOMESTIC HOT AND COLD WATER.
- 4. NATURAL GAS PIPING 5. ALL VALVES, FITTINGS AND DEVICES ASSOCIATED WITH PIPING SYSTEMS.
- PIPE INSULATION.
- . WATER HEATER AND CONTROLS. 3. BACKFLOW PREVENTER.
- PLUMBING FIXTURES AND FAUCETS.
- 10. STOP VALVES.
- 11. FLOOR DRAINS 12. FLOOR SINKS. 13. ROOF DRAINS
- DOMESTIC WATER SERVICE. 15. CONNECTIONS TO EQUIPMENT FURNISHED BY OTHERS.
- 16. CONDENSATE DRAINS.
- 17. INDIRECT WASTES.
- 18. TESTING. 19. FURNISHING AND SETTING OF ALL SLEEVES THROUGH THE FLOORS, ROOF AND WALLS, WHERE REQUIRED, INCLUDING WATERPROOFING AND FIRESTOP SEALING AND
- 20. EXCAVATION AND BACKFILL (EXCAVATION IN ROCK SHALL BE INCLUDED). ALL CONCRETE WORK FOR PADS, INCLUDING HOUSE KEEPING PADS.
- HARDWARE, SUCH AS INSERTS, BOLTS, ETC., ASSOCIATED WITH CONCRETE PADS. CUTTING ASSOCIATED WITH PLUMBING. 23 PRIME PAINTING, WHERE REQUIRED FOR PLUMBING EQUIPMENT AND

INSTALLATION. 1.04 RELATED WORK OF OTHER SECTIONS:

- A. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE THE RELATED WORK SECTIONS WITH THE WORK OF THIS SECTION AND BE RESPONSIBLE FOR THE TIMELY AND EXPEDITIOUS PERFORMANCE OF SAME, RELATED WORK SHALL INCLUDE BUT IS NOT NECESSARILY LIMITED TO THE FOLLOWING:
- 1. FINISHED PAINTING EXCEPT AS NOTED. ELECTRICAL POWER WIRING, AND SETTING OF STARTERS. 3. GAS VENTS BY MECHANICAL CONTRACTOR.

1.05 VERIFYING CONDITIONS:

- A. EXAMINE ALL DRAWINGS COVERING THE WORK OF THIS SECTION AND REFER TO ALL OTHER DRAWINGS, INCLUDING ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS, WHICH MAY AFFECT THE WORK OF THE SECTION OR REQUIRE
- COORDINATING WITH SAME. I. REPORT IN WRITING TO THE ARCHITECT ANY AND ALL CONDITIONS WHICH MAY INTERFERE OR OTHERWISE AFFECT OR PREVENT THE PROPER EXECUTION AND COMPLETION OF THE WORK.

1.06 SUBMITTALS:

- A. SHOP DRAWINGS: 1. PRIOR TO PURCHASING ANY EQUIPMENT OR MATERIALS, A LIST OF THEIR
- MANUFACTURERS SHALL BE SUBMITTED FOR APPROVAL 2. PRIOR TO ASSEMBLING OR INSTALLING THE WORK, THE FOLLOWING SHALL BE
- SUBMITTED FOR APPROVAL: a. PLUMBING FIXTURES & TRIM.
- b. PIPE INSULATION. c. FLOOR DRAINS.
- d. GAS VENT MATERIALS. e. FLOOR SINKS.
- . CLEANOUTS. 3. DOCUMENTS WILL NOT BE ACCEPTED FOR APPROVAL UNLESS:
- a. FIVE COPIES OF EACH ARE SUBMITTED. b. ALL REQUIRED CERTIFICATES ARE SUBMITTED WITH APPROVAL.

c. ALL SUBMITTALS CLEARLY MARKED. 1.08 FEES, PERMITS AND CERTIFICATES:

A. ALL FEES, PERMITS, TAXES OR CERTIFICATES REQUIRED BY GOVERNING BODIES OR ANY OTHER AGENCY AFFECTING THE WORK AS SPECIFIED HEREIN, OR REQUIRED FOR THE CERTIFICATE OF OCCUPANCY, SHALL BE OBTAINED AND PAID FOR BY THIS CONTRACTOR AS PART OF THE BASIC CONTRACT.

1.09 REMOVAL OF DEBRIS:

A. THIS CONTRACTOR SHALL REMOVE FROM THE BUILDING ALL SURPLUS MATERIALS AND ALL DEBRIS CREATED BY HIM AND SHALL LEAVE THE WORK AREA IN A CLEAN

1.10 CUTTING AND PATCHING:

- A. CUTTING AND DRILLING: CONTRACTOR SHALL DO ALL CUTTING AND DRILLING OF WALLS, PARTITIONS, CEILING, FLOORS, ETC., AS NECESSARY FOR INSTALLATION OF THE NEW WORK, INCLUDING CUTTING OF HOLES AND OTHER OPENINGS FOR NEW WORK, CUTTING SHALL BE PERFORMED BY HAND OR SMALL POWER TOOLS; HOLES AND SLOTS CUT NEAT AND TO SIZE REQUIRED, WITH MINIMUM DISTURBANCE OF ADJACENT WORK; CUT HOLES IN CONCRETE SLABS FOR PIPES WITH CORE DRILLS OF PROPER SIZES. WHERE HOLES ARE CUT IN FLOORS, THE UNDERSIDE SHALL BE DUSTPROOFED TO CATCH ANY DEBRIS AND DUST WHICH MAY RESULT FROM THESE OPERATIONS AND TO PROTECT PERSONS FROM DAMAGES OR INJURIES. OPENINGS SHALL BE COVERED TEMPORARILY WHEN NOT IN USE AND PATCHED AS SOON AS WORK IS INSTALLED
- B. PATCHING AND REPAIRS: SURFACES AFFECTED BY PATCHING AND REPAIRING WORK SHALL BE RESTORED TO MATCH EXISTING ADJACENT SURFACES. WHERE WATERPROOF FLOORS ARE CUT, THIS CONTRACTOR SHALL PATCH AND REPAIR FLOORS IN SUCH A MANNER AS TO RESTORE THE ORIGINAL WATERPROOF CONDITION, AND AS DIRECTED BY THE
- C. RE-EXAMINATION AND COVERING UP OF WORK: . RE-EXAMINATION OF QUESTIONED WORK MAY BE ORDERED BY THE ARCHITECT, AND IF SO ORDERED, SUCH PART OF THE WORK MUST BE UNCOVERED BY THE CONTRACTOR. IF SUCH PART OF THE WORK BE FOUND IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE OWNER SHALL PAY THE COST OF RE-EXAMINATION AND REPLACEMENT IF SUCH PART OF THE WORK BE FOUND NOT IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PAY SUCH COST AND ALSO THE COST OF RESTORING THE WORK OF ANY OTHER CONTRACTOR DAMAGED OR REMOVED. IF ANY PART OF THE WORK OF THE CONTRACTOR OR OF HIS SUBCONTRACTORS BE COVERED UP BY THE ARCHITECT WITHOUT APPROVAL OR CONSENT OF THE ENGINEER, SUCH WORK MUST, UPON REQUEST OF THE ARCHITECT

BE UNCOVERED AND RESTORED TO THE SATISFACTION OF THE ENGINEER AT THE

1.11 VISITING THE PREMISES:

EXPENSE OF THE CONTRACTOR.

A. THIS CONTRACTOR, BEFORE SUBMITTING HIS BID ON THE WORK, MUST VISIT THE SITE AND FAMILIARIZE HIMSELF WITH ALL VISIBLE EXISTING CONDITIONS. AS A RESULT OF HAVING VISITED PREMISES, THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE WORK AS IT RELATES TO SUCH VISIBLE EXISTING CONDITIONS.

END OF SECTION 15400

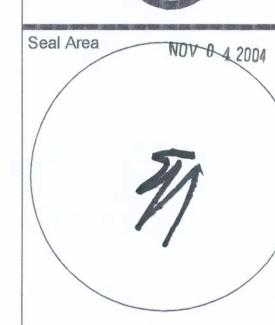


4 Dzines, LLC

3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977.9996 F.770.579.0643

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FL. REG. NO. 0025274 Revisions: No. Date Revision 1 00.00.00



Lake City, FL Sheet Description: PLUMBING **SPECIFICATIONS**

Project #: D00630-S04

10.22.04 Scale: 1/4"=1'-0" Designer: MEB

PROJECT NO. A04244

DIVISION 15 - MECHANICAL / PLUMBING SECTION 15410 - PLUMBING PIPING

PART 1.00 - GENERAL

- 1.01 RELATED DOCUMENTS:
- A. THIS SECTION COORDINATES WITH AND S COMPLEMENTARY TO THE GENERAL CONDITIONS, SUPPLEMENTARY GENERAL CONDITIONS AND THE GENERAL REQUIREMENTS, WHEREVER APPLICABLE TO MECHANICAL WORK.
- B. SECTION 15010 SPECIAL REQUIREMENTS FOR MECHANICAL WORK.
- 1.02 DESCRIPTION OF WORK
- A. THE WORK INCLUDES THE PROVIDING OF ALL LABOR, MATERIALS, EQUIPMENT, ACCESSORIES, SERVICES AND TESTS NECESSARY TO COMPLETE AND MAKE READY FOR OPERATION BY THE OWNER; PLUMBING PIPING IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS.
- 1.03 QUALITY ASSURANCE:
- A. MANUFACTURERS: FIRMS REGULARLY ENGAGED IN THE MANUFACTURER OF EQUIPMENT OF THE TYPES AND CAPACITIES REQUIRED, WHOSE PRODUCTS HAVE BEEN IN SATISFACTORY USE IN SIMILAR SERVICE FOR NOT LESS THAN 5 YEARS.
- B. THE EQUIPMENT SHALL BE DESIGNED, ASSEMBLED AND TESTED IN ACCORDANCE WITH APPLICABLE STANDARDS AS INDICATED IN SECTION 15010 AND SHALL BE LISTED AND LABELED BY UNDERWRITERS LABORATORIES.
- C. PROVIDE EQUIPMENT PRODUCED BY A MANUFACTURER LISTED AS AN APPROVED MANUFACTURER IN THIS SECTION OR CN THE DRAWING SCHEDULES. D. PROVIDE EQUIPMENT WHOSE PERFORMANCE UNDER SPECIFIED CONDITION, IS

1.04 GUARANTEE:

A. REFER TO SECTION 15010 - SPECIAL REQUIREMENTS FOR MECHANICAL WORK.

PART 2.00 - PRODUCTS

2.01 GENERAL:

- A. ALL PIPE SHALL BE NEW, FREE FROM SCALE OR RUST, AND OF THE MATERIAL AND WEIGHT SPECIFIED UNDER THE VARIOUS SERVICES. EACH LENGTH OF PIPE SHALL BE PROPERLY MARKED AT THE MILL FOR PROPER IDENTIFICATION WITH NAME OR SYMBOL OF MANUFACTURER.
- 2.02 SANITARY & STORM DRAINAGE:

CERTIFIED BY THE MANUFACTURER.

- A. ABOVE GROUND SANITARY WASTE, VEN' AND ROOF DRAIN PIPING SHALL BE SERVICE WEIGHT CAST IRON, NO-HUB TYPE. UNDERGROUND SANITARY AND DRAINAGE PIPING SHALL BE SERVICE WEIGHT CAST IRON HUB AND SPIGOT TYPE WITH NEOPRENE JOINTS,
- B. CLEANOUTS FOR SANITARY AND STORN DRAINAGE SYSTEMS SHALL BE LOCATED IN ACCORDANCE WITH THE PLUMBING CODE REFERENCED IN PARAGRAPH 1.05 OF
- SECTION 15010. C. PROVIDE TAP IN FLOOR DRAIN BODY TO RECEIVE TRAP PRIMER DISCHARGE.
- D. ALL VENT PENETRATIONS THROUGH BUILDING ROOF SHALL BE MADE WATERTIGHT BY THE USE OF PROPER FLASHING MATERIALS. SUBMIT FLASHING DETAILS FOR APPROVAL BY THE ARCHITECT.
- E. CONTRACTOR MAY SUBMIT DEDUCT ALTERNATE FOR INSTALLATION OF SANITARY WASTE, VENT AND ROOF DRAIN PIPING IN SCHEDULE 40 PVC. ALL VERTICAL PVC PIPING, CONNECTING TWO OR MORE STORIES MUST BE ENCLOSED IN SHAFTS HAVING A FIRE RESISTANCE RATING IN ACCORDANCE WITH THE LOCAL BUILDING CODE. PVC PIPING PENETRATIONS THROUGH SHAFT WALLS MUST BE PROTECTED BY A FIRESTOP SYSTEM COMPLYING WITH ASTM E814 OR ASTM E 119. USE OF PVC PIPING WILL NOT BE CONSIDERED UNLESS ALL OF THE ABOVE CONDITIONS ARE MET.
- 2.03 DOMESTIC WATER:
- A. DOMESTIC HOT AND COLD WATER PIPING ABOVE GROUND SHALL BE TYPE "L" COPPER. FITTINGS SHALL BE WROUGHT COPPER, W/95%-5% ANTIMONY/TIN SOLDER.
- B. DOMESTIC HOT AND COLD WATER PIPING BELOW GROUND SHALL BE TYPE "K" COPPER. FITTINGS SHALL BE WROUGHT COPPER, W/95%-5% ANTIMONY/TIN SOLDER.
- C. ALL POTABLE WATER PIPING SHALL BE DISINFECTED IN ACCORDANCE WITH LOCAL PLUMBING CODE INDICATED IN PARAGRAPH 1.05 OF SECTION 15010 AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL HEALTH DEPARTMENT.
- D. PROVIDE STOP VALVES FOR ALL DOMESTIC WATER CONNECTIONS TO FIXTURES EXCEPT WHERE INTEGRAL STOPS ARE PROVIDED, OR GATE VALVES ARE INDICATED ON THE DRAWINGS.
- E. ALL HOSE BIBS AND HYDRANTS SHALL BE PROVIDED WITH APPROVED VACUUM
- F. PROVIDE CHROME PLATED, BRASS ANGLED STOP VALVES FOR ALL LAVATORIES, SINKS, ETC.
- G. DISCHARGE OF ALL RELIEF VALVES SHALL BE PIPED TO WITHIN 6" OF THE FLOOR TO PREVENT ACCIDENTAL SCALDING.

2.04 NATURAL GAS:

- A. COORDINATE THE LOCATION OF GAS METER WITH THE LOCAL GAS COMPANY/LANDLORD.
- B. GAS SYSTEM SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE IRON FITTINGS. VALVE SHALL BE LUBRICATED PLUG TYPE, SIMILAR TO CRANE #250.
- C. PROVISIONS SHALL BE MADE FOR EXPANSION AND CONTRACTION OF GAS PIPING. D. PIPING SHALL BE SLOPED NOT LESS THAN 1/4 INCH IN 15 FEET. HORIZONTAL LINES SHALL SLOPE UPWARD TO RISERS AND FROM RISERS TO THE METER, OR SERVICE REGULATOR OR TO THE EQUIPMENT. DRIPS SHALL BE PROVIDED AT SUCH POINTS AS TO ACT AS STORAGE FOR CONDENSATE. DRIPS SHALL BE ACCESSIBLE AND SHALL NOT
- BE LOCATED WHERE THE CONDENSATE IS LIKELY TO FREEZE. E. ALL BRANCH CONNECTIONS SHALL BE MADE ON THE TOP OR SIDE OF HORIZONTAL
- F. GAS PIPING SHALL NOT BE RUN IN OR THROUGH SUPPLY AIR DUCTS, CLOTHES CHUTES, CHIMNEYS, VENTS, DUMBWAITERS, OR ELEVATOR SHAFTS.
- G. VALVES, UNIONS OR RUNNING THREAD SHALL NOT BE LOCATED IN ANY AIR SHAFT.

2.05 CONDENSATE DRAINS & INDIRECT WASTES:

A. CONDENSATE DRAINAGE AND INDIRECT WASTE PIPING SHALL BE TYPE "L" COPPER W/95%-5% ANTIMONY/TIN SWEAT JONTS.

2.06 PIPE HANGERS AND SUPPORTS:

A. PROVIDE NECESSARY STRUCTURAL MEMBERS, HANGERS AND SUPPORTS OF APPROVED DESIGN TO KEEP PIPING IN PROPER ALIGNMENT AND PREVENT TRANSMISSION OF INJURIOUS THRUSTS AND VIBRATIONS, IN ALL CASES WHERE HANGERS, BRACKETS, ETC., ARE SUPPORTED FROM METAL DECKING AND/OR CONCRETE CONSTRUCTION, CARE SHALL BE TAKEN NOT TO WEAKEN DECKING AND/OR CONCRETE OR PENETRATE WATERPROOFING. ALL HANGERS AND SUPPORTS G. VERTICAL RUNS OF PIPE OVER-15 FEET LONG BUT NOT OVER 60 FEET LONG AND NOT OVER 6 INCHES IN SIZE OR NOT OVER 30 FEET LONG AND NOT OVER 12 INCHES IN SIZE, SHALL BE SUPPORTED ON HEAVY STEEL CLAMPS. CLAMPS SHALL BE BOLTED TIGHTLY AROUND THE PIPES AND SHALL REST SECURELY ON THE BUILDING STRUCTURE WITHOUT BLOCKING. CLAMPS SHALL BE WELDED TO THE PIPES OR PLACED BELOW COUPLINGS. CLAMPS SHALL BE TYPE 8, FEDERAL SPECIFICATION WW-H-171C, UNLESS OTHER TYPES ARE APPROVED.

HANGER RODS SHALL BE OF THE FOLLOWING DIAMETERS AND SPACING:

PIPE SIZE	MIN. ROD DIA.	MAX. HANGER SPACING
		STEEL/COPPER
1-1/4 " AND BELOW	3/8"	7'-0"/ 7'-0"
1-1/2" AND 2"	1/2"	9'-0"/ 8'-0"
2-1/2 " AND 3"	1/2"	11'-0"/ 9'-0"
4" AND ABOVE	1/2"	14'-0"/ 12'-0"

- H. PIPING SHALL NOT BE HUNG FROM OTHER PIPING, DUCTS, CONDUITS OR VERTICAL EXPANSION SHIELDS WILL BE PERMITTED. HANGER RODS SHALL NOT PIERCE DUCTS.
- 1. WHERE ADDITIONAL STEEL IS REQUIRED FOR THE SUPPORT OF HANGERS, FURNISH
- AND INSTALL SAME SUBJECT TO THE APPROVAL OF THE ARCHITECT. J. ALL PIPING RUNNING ON WALLS SHALL BE SUPPORTED BY MEANS OF HANGERS SUSPENDED FROM HEAVY ANGLE IRON WALL BRACKETS. NO WALL HOOKS WILL BE
- PERMITTED. K. LATERAL BRACING OF HORIZONTAL PIPE SHALL BE PROVIDED WHERE REQUIRED TO PREVENT SIDE SWAY OR VIBRATION.
- L. INO PIPING SHALL BE ASSEMBLED IN SUCH A MANNER AS TO HAVE DIELECTRIC ACTION BETWEEN FERROUS AND NON-FERROUS MATERIALS.

2.07

C. MECHANICAL SYSTEM INSULATION: THE WORK COVERED BY THIS SPECIFICATION CONSISTS OF FURNISHING ALL LABOR, EQUIPMENT, ACCESSORIES AND MATERIALS AND IN PERFORMING ALL OPERATIONS NECESSARY FOR THE INSTALLATION OF THERMAL INSULATION FOR THE PLUMBING PIPING.

ALL COMPONENTS OF THE INSULATION FOR PIPING INCLUDING, FACINGS, MASTICS AND ADHESIVES, SHALL HAVE A FIRE HAZARD RATING NOT TO EXCEED 25 FOR FLAME SPREAD AND 50 FOR FUEL CONTRIBUTED AND SMOKE DEVELOPED. RATINGS SHALL BE AS DETERMINED BY UNDERWRITERS LABORATORIES, INCORPORATED, OR OTHER APPROVED TESTING LABORATORY, IN ACCORDANCE WITH ASTME-84

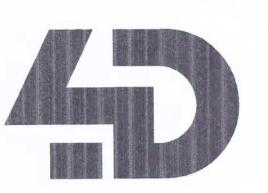
ALL DOMESTIC HOT AND COLD WATER LINES, SHALL BE INSULATED FROM THIER SOURCE WITH FLEXIBLE CLOSED-CELL POLYETHYLENE BY THERMACELL OR ARMAFLEX-2000. CHARACTERISTICS, K = .25 @ 75 DEGREES F. .01 WATER PERM. IN., 1/2" THICK.

END OF SECTION 15410

DIVISION 15 - MECHANICAL / PLUMBING

SECTION 15440 - PLUMBING FIXTURES

A. REFER TO PLUMBING FIXTURE SCHEDULE IN THE PLUMBING DESIGN CONSTRUCTION DOCUMENTS. END OF SECTION 15440



4 Dzines, LLC 3225 Shallowford Road Suite 430 Marietta, GA. 30062

P.770.977.9996 F.770.579.0643

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0000 Street Name Lake City, FL Sheet Description:

PLUMBING SPECIFICATIONS Sheet #:

Project #: D00630-S04

10.22.04 Scale: 1/4"=1'-0" Designer: MEB

PROJECT NO. A04244

FALIBAGENT COLIFBILIE

#	QTY	DESCRIPTION
1		CHIP WARMER
2	3	COUNTERTOP STEAMER
		SINGLE UNIT WATER REGULATOR, NOT SHOWN
2a 3	1	REFRIGERATED PREP TABLE W/CASTERS
3a	1	CUTTING BOARD, SECURITY CLIP
3b	1	11 3/4" CUTTING BOARD
4	1	WALK-IN COOLER, 20'-0 3/4" X 8' - 2 3/4"
5	1	DROP IN ICE PAN
6	_	SPARE #
7	3	S/S WORK TABLE 30" x 60"
8	2	30" x 36" WORK TABLE
9	1	HOT PLATE 4 BURNER 24"
9a	1	QUICK DISCONNECT HOSE 3/4"
10	1	HD-ST-ST EQUIP STD, 48" x 30" W/ST/ST UNDERSHELF & LEGS
		CASTERS EQUIP STD (NOT SHOWN)
11		24" GRIDDLE COUNTERTOP MANUAL W/ THERMO CONT
11b		QUICK DISCONNECT HOSE 1/2"
12	1	HD-ST-ST EQUIP STD, 48" x 30" W/ST/ST UNDERSHELF & LEGS
	1set	HD CASTERS FOR CLAMSHELL EQUIP STD (NOT SHOWN)
13	1	CLAMSHELL GRILL
13a		4 CHANNEL TIMER
13b		QUICK DISCONNECT HOSE 1/2"
13c		QUICK DISCONNECT HOSE 1/2"
14	1	FRYER (GAS), 70-90 LB CAPACITY W/ CASTERS
_		
140		QUICK DISCONNECT HOSE 3/4"
14b		SPARE #
15	1	STEAM KETTLE 30 CAL SELE CONTAINED ELB MODEL
160		STEAM KETTLE, 30 GAL SELF CONTAINED, FLR. MODEL
16a		QUICK DISCONNECT HOSE 1"
16b	1	12" FAUCET
16c	1	TROUGH DRAIN
17	- 1	NOT USED
18	1	AUTOMATIC GAS RICE COOKERS
180	1	QUICK DISCONNECT HOSE 1/2"
19	1	ICE MAKER, AIR COOLED, SELF-CONTAINED, W/ BIN
20	1	ICE CUBER
21	1	ICE/DRINK DISPENSER
22	2	OVERHEAD TV STAND (BY G.C.)
23	11	S/S ONE COMPARTMENT SINK W/24" DRAIN BOARD (L.)
24	1	12" SPOUT FAUCET
25	2	S/S HAND SINK W/ FAUCET, WALL MOUNTED
26	1	S/S THREE COMPARTMENT SINK W/ 24" DRAINBOARDS
26a	1	PRE-RINSE UNIT W/ FAUCET
26b		12" SPOUT FAUCET
27		NOT USED
28	2	CHROME STORAGE SHELVES 14" x 72", NOT SHOWN
28a		CHROME STORAGE SHELVES 18" x 72", NOT SHOWN
28b		CHROME STORAGE SHELVES 18" x 48", NOT SHOWN
28c	2	CHROME STORAGE SHELVES 14" x 36", NOT SHOWN
_		CHROME SINGLE WALL BRACKETS, 18", NOT SHOWN
_	4par	CHROME SINGLE WALL BRACKETS, 14", NOT SHOWN
29	20	CHROME STORAGE SHELVES (SEE PLAN FOR SIZES)
29a		CHROME 74" POST
30	16	EPOXY STORAGE SHELVES 24" x 60"
30a	16	EPOXY 74" POST
31	1	BEVERAGE SECURITY UNITS, 24" x 40"
32	1	FOUR WELL HOT FOOD TABLE
32a	1	12" CUTTING BOARD FOR FOUR WELL HOT TABLE
32b	8	HOT FOOD TABLE ADAPTERS
33	1	DUNNAGE RACK-24" x 8" x 36"
34	1	FOOD WARMERS W/ CASTERS
35	1	DROP-IN HOT FOOD WELL
36	1	STORAGE WELL
37	1	CASH REGISTER
38	1	MENU BOARD, NON-ILLUMINATED, NOT SHOWN
9	1	HOOD SYSTEM - U.L. & NSF APPROVED
0	1	MOP SINK, 24" x 24" FLOOR MOUNT
-1	1	COOKIE DISPLAY
-2	1	ICE SODA DISPENSER
.3	2	TEA DISPENSERS
.3a	1	TEA BREWER
4		SPARE #
5	2	BABY CHANGING STATION
6	1	COMMERCIAL FOOD PROCESSOR
7	1	WATER HEATER
8	1	STEEL B-RATE SAFE (BY OWNER)
.9	*******	SPARE #
0	1	MIXER
51		SPARE #
2	1	DROP IN COLD PAN 22.5" x 30.5"
3	1	TEMPLATE (NOT SHOWN)
4	1	SNEEZE GUARD FOR SALSA BAR
5	1	COLD PAN BRACKET SET (NOT SHOWN)
6	2	UNDERCOUNTER CASEWORK (NOT SHOWN)
6a	4	UNDER COUNTER CASEWORK (NOT SHOWN)
00		

GENERAL NOTES

- 1. BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS:
- A. LIGHTING AND POWER NETWORKS: (120/208V, 3Ø, 4W) 1) 100 FEET OR LESS: PHASE - 3#12 AWG

NEUTRAL - 1#12 AWG GROUND - 1#12 AWG

- 2) GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE. TWO NETWORKS MAXIMUM PER CONDUIT.
- 2. PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND /OR DATA OUTLET WITH 3/4"C. STUBBED-UP TO 6" WALL ABOVE PARTITION OR, LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
- 3. MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
- 4. VERIFY ALL LIGHTING FIXTURE TYPES, LOCATIONS AND NUMBER WITH OWNER AND ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- 5. ALL 120V. RECEPTACLES INSTALLED IN THE KITCHEN AND/OR FOOD PREP AREAS SHALL BE 'GFI' TYPE PER SECTION 210.8 (B) OF THE NATIONAL ELECTRICAL CODE. (N.E.C.).
- 6. FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM, PROVIDE MICRO-SWITCHES, RELAYS, CONTACTORS AND WIRING TO CONTROL THE FOLLOWING FUNCTIONS UPON ACTIVATION OF THE SYSTEM: A. ENERGIZE COILS OF SHUNT CIRCUIT BREAKERS TO DE-
- ENERGIZE ALL EQUIPMENT UNDER THE KITCHEN HOOD.
- B. CLOSE THE GAS SOLENOID VALVE TO ALL EQUIPMENT UNDER THE KITCHEN HOOD. C.. ENERGIZE THE KITCHEN EXHAUST FAN.
- 7. CONNECT EXHAUST FAN TO CIRCUIT VIA TIMESWITCH. COORDINATE MECHANICAL PLANS.

LOW VOLTAGE NOTES

- 1. PROVIDE CAT3 WIRING FOR 3 PHONE LINES FROM TELEPHONE BACKBOARD TO LANDLORD'S TELEPHONE CABINET. PROVIDE PUNCH-DOWN BLOCKS AND TERMINATE ALL WIRING.
- 2. PROVIDE DEDICATED CAT3 PHONE LINES TO POS, FAX AND PHONE.
- PROVIDE CAT 5E WIRING BETWEEN POS AND CPU.
- 4. PROVIDE JACKS AND FACE PLATES AS REQUIRED.

ELECTRICAL LEGEND

- \$ \$3 \$4 SWITCH; SINGLE POLE, 3-WAY, 4-WAY
- DUPLEX CONVENIENCE OUTLET, 125 VOLT
- RECEPTACLE 208 VOLT, 1-PHASE

▼ TELEPHONE WALL OUTLET

PANELBOARD

DISCONNECT SWITCH

MAGNETIC STARTER SWITCH

COMBINATION STARTER/DISCONNECT

MOTOR

HOME RUN (NUMBER OF ARROWS INDICATE NO. OF CKTS)

CONDUIT BELOW RAISED FLOOR OR SLAB (SLASH MARKS INDICATE NO. OF WIRES.

CONDUIT ABOVE CEILING OR CONCEALED IN WALL

CONDUIT: UP, DOWN

J JUNCTION BOX

THERMOSTAT

O OUTLET BOX

OUTLET BOX W/ FLEXIBLE CONDUIT TO DEVICE

AFF ABOVE FINISH FLOOR

C. CONDUIT

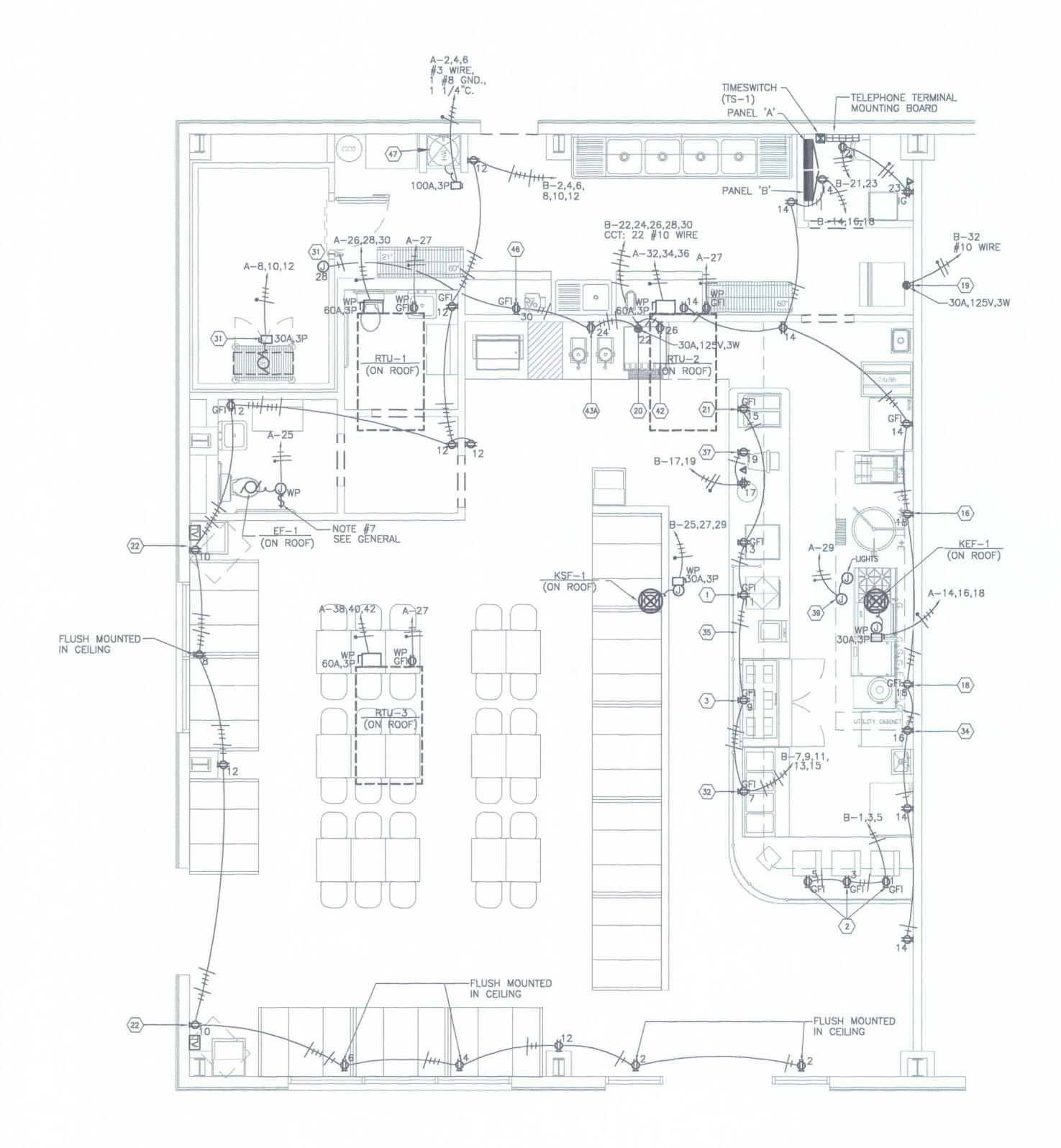
EMT ELECTRIC METALLIC TUBING

W.P. WEATHERPROOF

G.F.I. GROUND FAULT INDICATOR

R.S.C. RIGID STEEL CONDUIT

TTC TELEPHONE TERMINAL CABINET



POWER PLAN
SCALE: 1/4"=1'-0"



4 Dzines, LLC 3225 Shallowford Road

Suite 430 Marietta, GA. 30062

P.770.977.9996 F.770.579.0643 DNFIDENTIAL PROPRIETARY DESIGNS AND CONCEPTS





FL. REG. NO. 0025274 Revisions: 00.00.00



southwest grill m MOE'S of Lake City 0000 Street Name Lake City, FL

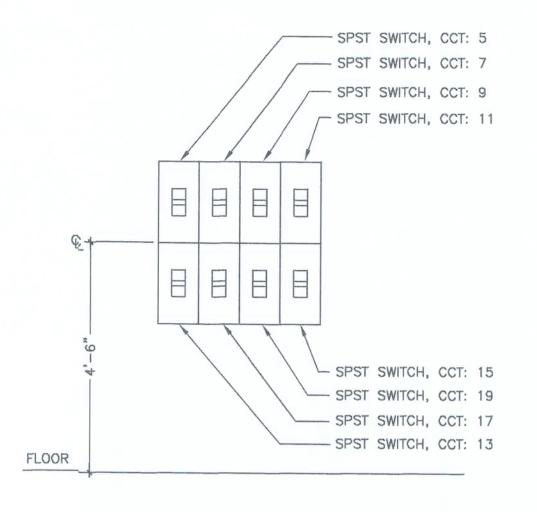
Sheet Description: POWER PLAN

Project #: D00630-S04

10.22.04 Scale: 1/4"=1'-0" Designer: MEB

PROJECT NO. A04244

			IGH	ITING F	FIXTUF	RE SCHEDUL	Ē	
SYMBOL	ITEM	DESCRIPTION	NO	AMP TYPE	VOLTAGE	MANUFACTURER & CATALOG NO.	MOUNTING	REMARKS
	А	FLUORESCENT — 2' X 4' LAY—IN DOWNLIGHT	3	F32T8/ TL735	120	CRESCENT # 24GP332FSA11K3Y	RECESSED	PROVIDE WITH 120V. ELECTRONIC BALLAST AND CLEAR ACRYLIC PRISMATIC DIFFUSER.
	В	FLUORESCENT - 2' X 2' LAY-IN DOWNLIGHT	2	F32T8/ 735/U	120	CRESCENT # 22GP2U6FSA11K2Y	RECESSED	PROVIDE WITH 120V. ELECTRONIC BALLAST AND CLEAR ACRYLIC PRISMATIC DIFFUSER.
	С	INCANDESCENT - DOWNLIGHT		75PAR30L/ HAL/NFL	120	CON-TECH # RL38/CTR3801-P	RECESSED	PROVIDE WITH SERIES BAFFLES AND TRIM COLOR TO MATCH CEILING.
-\$-	C1	FLUORESCENT - DOWNLIGHT	1	13W CFL	120	CON-TECH # RL213-HPF/ CTR1801-P	RECESSED	PROVIDE WITH CLEAR REFLECTOR AND BLACK BAFFLE, COLOR TO MATCH CEILING.
DV	D	INCANDESCENT — TRACK MOUNTED LIGHTING FIXTURE.	,	75PAR30L/ HAL/NFL	120	CON-TECH # CTL603-B	TRACK	PROVIDE WITH BLACK FINISH.
EΔ	E	INCANDESCENT — TRACK MOUNTED		65BR30 SHATTER PROOF	120	CON-TECH # CTL330B	TRACK	PROVIDE WITH BLACK FINISH.
	F	HALOGEN - PENDANT TRACK MOUNTED	1	35MRC16/ FL/FMW-CG	120V. SUPPLY 12V. OPER.	CON-TECH # RML16BLK/C	TRACK	PROVIDE WITH #LA1634 COLORED SHADE. VERIFY COLOR WITH OWNER. BOTTOM @ 6'-0" A.F.F.
- -	F-1	HALOGEN - PENDANT TRACK MOUNTED	1	35MRC16/ FL/FMW-CG	120V. SUPPLY 12V. OPER.	JUNO # TLP314INFERNO/ TP78BL/T538L	TRACK	BOTTOM ⊚ 6'-6" A.F.F.
_C △		HALOGEN - TRACK MOUNTED ADJUSTABLE SPOT	1	35MRC16/ FL/FMW-CG	120V. SUPPLY	CON-TECH # CTL616BLK/C	TRACK	PROVIDE WITH #LA1634 COLORED SHADE.
TVVV	4T	4' SINGLE TRACK CIRCUIT	NA	NA	120	CON-TECH # TL4B	SURFACE	PROVIDE WITH BLACK FINISH.
TVVV	8T	8' SINGLE TRACK CIRCUIT	NA	NA	120	CON-TECH # TL8B	SURFACE	PROVIDE WITH BLACK FINISH.
(A)	X	BATTERY OPERATED DIRECTIONAL SIGN/EMERGENCY COMBO LIGHTING UNIT.			120V. SUPPLY	CRESCENT # CPCRB32E	SURFACE	
X1	X1	BATTERY OPERATED DIRECTIONAL 'EXIT' SIGN.	Nλ	LED	120V. SUPPLY	CRESCENT # CPCRB32E	SURFACE	PROVIDE WITH RED LETTERS ON BLACK BACKGROUND.
44	Y	BATTERY OPERATED EMERGENCY LIGHTING UNIT.	2	INTEGRAL	120V. SUPPLY	CRESCENT # CPELB2E	SURFACE	PROVIDE WITH TWO (2) INTEGRAL LIGHTING HEADS AND BLACK HOUSING.
144	Y1	REMOTE EMERGENCY LIGHTING HEAD.	2	INTEGRAL	FROM BATTERY UNIT	CRESCENT # CSZY	SURFACE	APPROVED FOR USE IN WET LOCATION.



SWITCHBANK ELEVATION

GENERAL NOTES

- 1. BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS: A. LIGHTING AND POWER NETWORKS: (120/208V, 3¢/4W) 1) 100 FEET OR LESS:
 - PHASE 3#12 AWG NEUTRAL - 1#12 AWG GROUND - 1#12 AWG

PANEL 'B'-

- 2) GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE. TWO NETWORKS MAXIMUM PER CONDUIT.
- 2. PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND /OR DATA OUTLET WITH 3/4"C. STUBBED-UP TO 6" WALL ABOVE PARTITION OR, LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET.
- 3. MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE NOTED OR INDICATED.
- 4. VERIFY ALL LIGHTING FIXTURE TYPES, LOCATIONS AND NUMBER WITH OWNER AND ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
- 5. ALL 120V. RECEPTACLES INSTALLED IN THE KITCHEN AND/OR FOOD PREP AREAS SHALL BE 'GFI' TYPE PER SECTION 210.8 (B) OF THE NATIONAL ELECTRICAL CODE. (N.E.C.).

-TIMESWITCH (TS-1)

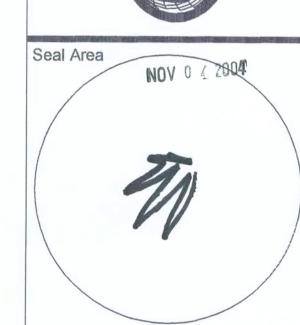


4 Dzines, LLC

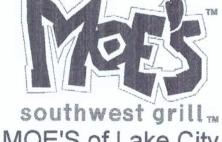
3225 Shallowford Road Suite 430 Marietta, GA. 30062 P.770.977,9996 F.770.579.0643

IDENTIAL PROPRIETARY DESIGNS AND CONCEP





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MOE'S of Lake City 0000 Street Name Lake City, FL

Sheet Description: LIGHTING PLAN

Project #: D00630-S04

10.22.04 Scale: 1/4"=1'-0" Designer: MEB PROJECT NO. A04244

Sheet #:

REFLECTED CEILING PLAN GENERAL NOTES

- DINING AREA SHALL BE OPEN WITH NO ACOUSTICAL CEILING.
- ALL FLUORESCENT LIGHTING FIXTURES SHALL HAVE ENERGY SAVING LAMPS DOWNLIGHTS, WALLWASHERS, FIRE ALARM SIGNAL DEVICES, SPEAKERS, AND EXIT LIGHTS ARE TO BE LOCATED AS INDICATED UNLESS OTHERWISE
- IMMEDIATELY OF DISCREPANCY. ALL DIMENSIONS ARE FROM FACE OF G.W.B. UNLESS NOTED OTHERWISE. WHERE MULTIPLE SWITCHES OCCUR (SWITCH, DIMMERS OR BOTH), GANG GROUPS OF SWITCHES IN SAME BOX WITH A SINGLE COVERPLATE. ALL WALL SWITCHES IN SAME BOX WITH FAN CONTROLS, AND THERMOSTATS TO

INSTRUCTED BY ARCHITECT. CONTRACTOR TO NOTIFY ARCHITECT

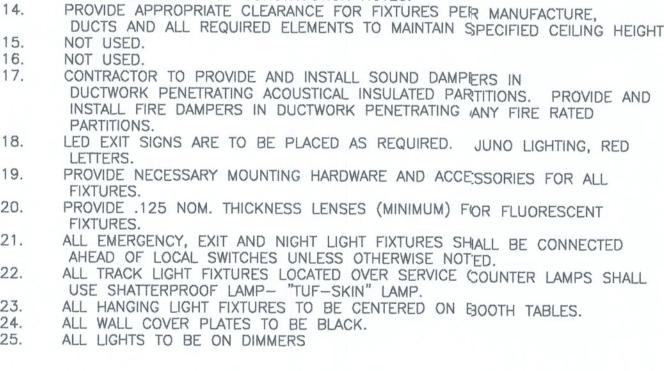
- BE MOUNTED AT SAME HEIGHT. ALL SWITCH COVERPLATES, (LIGHTING, DIMMERS, EXHAUST FANS, ETC.) SHALL
- BE MOUNTED STRAIGHT AND ALIGNED, AND SHALL MATCH IN COLOR. COLOR TO BE SELECTED BY OWNER. CONTRACTOR TO VERIFY CODE REQUIREMEN'S FOR PLACEMENT OF ALL FIRE SAFETY EQUIPMENT INCLUDING BUT NOT LIMITED TO EXIT SIGNS, FIRE
- ALARMS, STROBES, ETC...AND SHALL INSTALL SAME PER ALL APPLICABLE CODE REQUIREMENTS. ALL LIGHTING LENSES SHALL BE CLEANED SUCH THAT THEY ARE FREE OF
- DIRT AND FINGER PRINTS S INDICATES SWITCHING LOCATIONS WITH ACCOMPANYING NUMBER INDICATING FIXTURES TO BE CONTROLLED FROM THIS LOCATION. THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE NUMBER OF SWITCHING DEVICES REQUIRED TO CONTROL THE FIXTURES INDICATED IN A LIGHTING
- 10. PROVIDE LIGHT SWITCH AT DRYWALL ENCLOSED ROOM. LOCATE SWITCH AT 6" FROM STRIKE SIDE OF DOOR FRAME, MOUNTED AT 48" A.F.F. UNLESS NOTED OTHERWISE.

- NO SWITCH SHALL SERVE MORE THAN ONE LIGHT TYPE.
- PROVIDE CFM REPORTS FOR REVIEW AND AIR BALANCE PER BLDG. STANDARDS. PROVIDE AIR BALANCE REPORTS TO OWNER FOR FINAL APPROVAL. USE OWNER'S TEST & BALANCE CO.
- ALL GYPSUM BOARD CEILINGS & SOFFITS SHALL BE IN COMPLIANCE WITH DRYWALL SECTION OF CONSTRUCTION NOTES.
- DUCTS AND ALL REQUIRED ELEMENTS TO MAINTAIN SPECIFIED CEILING HEIGHT. NOT USED.
- CONTRACTOR TO PROVIDE AND INSTALL SOUND DAMPIERS IN
- PROVIDE NECESSARY MOUNTING HARDWARE AND ACCESSORIES FOR ALL
- FIXTURES.

- 25. ALL LIGHTS TO BE ON DIMMERS

KEY NOTES- ELECTRICAL

- PROVIDED BY EQUIPMENT MFR., INSTALLED BY E.C.
- 2. HANGING LIGHT FIXTURE TO BE CENTERED ON EACH BOOTH ABLE
- 3. PROVIDE WIRING AND CONNECTION FOR DUCT DETECTORS, SEE HVAC SHEET FOR EXACT LOCATIONS.
- 4. PROVIDE UTILITY SERVICE WEATHERPROOF GFCI PROTECTED DUPLEX 5-20R SERVICE RECEPTACLES AT ROOF TOP MTD. AC UNITS.
- 5. LINE OF COOKING HOOD. BOTTOM @ 6'6" A.F.F. SEE MECHANICAL.



SEE DETAIL 11,13,15 THIS SHEET A - 21VIA TS-1 MAKE FINAL CONNECTION TO SIGNAGE

> LIGHTING PLAN SCALE: 1/4"=1'-0"

-MAKE FINAL CONNECTION

KT BRKR	SURFACE LOAD DESCRIPTION	120/20 PANEL LO	083Ø41		1					III.
	SURFACE		10 20 4	A/HDC	400	A		22.000 A.	MOE'S - LAKE CITY, FL	
			CATION:	VVIIVE	MAN LUG			MAIN BREAKER:	MIGES, PVICTORIA	-
			OFFICE				AMPS		0 AMPS	1
	LUAD DE SCHIEDIN		(VA/PH	ASE)	INAN	NAJPH		LOAD DESCRIPTION	CKT BRKR CKT	-
ם והפוסוב	LOVE DESCRIPTION	FAUR	(von 1)	NOE)	FAUR	(AURI)	1100)	EGY D E GOVIE HOLL	Old Sixty.	
VILLA CALL	AND LOCATION	AØ	BØ	CØ	AØ	ВØ	CØ	AND LOCATION	TRIP/POLE NO	
A. 1P	LTG EM &EXT LIGHTS	280			9000				100A. 2	
A. 1P	LTG KITCHENRESTROOMOFFICE		865			9000		ELECTRIC WATER HEATER	4	
A. 1P	LTG TRACK			1350			9000		3P 6	
A. 1P	LTG TRACK	1200			1140				20A. 8	
A. 1P	LTG TRACK		1350			1140		WALK-IN COOLER	10	HACE
A. 1P	LTG TRACK			750			1140		3P 12	
A. 1P	LTG TRACK	900			700				15A. 14	
A. 1P	LTG CEILING FAN		540			700		KEF-1	16	HACE
A. 1P	LTG SERVICE COUNTER TRACK			1200			700		3P 18	
A. 1P	LTG DOWNLIGHT	330			0			SPACE	20	
A. 1P	LTG SIGNAGE		1200			0		SPACE	22	
A. 1P	LTG SIGNAGE			1200			0	SPACE	24	
A. 1P	EF-1	400			3880				50A. 26	
A. 1P	RECEPT ROOF		540			3880		RTU-1(32.3 FLA.)	28	HACE
A. 1P	E39 - HOOD CONTROL& LIGHT			500			3880		3P 30	
A. 1P	SPARE	0			3880				50A. 32	
A. 1P	SPARE		0			3880		RTU-2 (32.3 FLA.)	34	HACE
A. 1P	SPARE			0			3880		3P 36	
DA.		10380			3880				50A. 38	
	PANEL'B'		9860			3880		RTU-3 (32.3 FLA.)	40	HACR
3P				8740			3880		3P 42	
	NOTES:	13490	14355	13740	22480	22480	22480			
35970	1. PROVIDE WITH 3ROUN	D BUS.			нн			LOAD CALC	ULATION	
36835								AMPS @ 120/208/3Ø	302.85	
36220								AMPS x 1.25	378.56	1
109025	LOD - CIRCUIT BREAKER.	LOCK-0	NDEVK	Œ.				DEMAND LOAD AMPS	269,66	
	1P 1	A. 1P LTG TRACK A. 1P LTG SEMCE COUNTERTRACK A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P EF-1 A. 1P RECEPT ROOF A. 1P E39 - HOOD CONTROL& LIGHT A. 1P SPARE A. 1	A. 1P LTG - TRACK A. 1P LTG - CELING FAN A. 1P LTG - SERVICE COUNTER TRACK A. 1P LTG - SIGNAGE A. 1P LTG - SIGNAGE A. 1P LTG - SIGNAGE A. 1P E39 - HOOD CONTROL& LIGHTS A. 1P SPARE A. 1P SPARE DA. 1D SP	A. 1P LTG TRACK A. 1P LTG CELLING FAN A. 1P LTG SEMICE COUNTERTRACK A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P EF-1 A. 1P ES9 - HOOD CONTROL& LIGHTS A. 1P SPARE A. 1P SPARE A. 1P SPARE DA. 1D SPARE D	A. 1P LTG TRACK A. 1P LTG SEMICECOUNTERTRACK A. 1P LTG SEMICECOUNTERTRACK A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P LTG SIGNAGE A. 1P EF-1 A. 1P E39 - HOOD CONTROL& LIGHTS A. 1P E39 - HOOD CONTROL& LIGHTS A. 1P SPARE A	A. 1P LTG. TRACK 1200 1140 A. 1P LTG. TRACK 1200 1140 A. 1P LTG. TRACK 1350 750 A. 1P LTG. TRACK 750 A. 1P LTG. TRACK 900 700 A. 1P LTG. SEMICE COUNTERTRACK 1200 A. 1P LTG. SEMICE COUNTERTRACK 1200 A. 1P LTG. SIGNAGE 1200 A. 1P LTG. SIGNAGE 1200 A. 1P LTG. SIGNAGE 1200 A. 1P EF-1 400 3880 A. 1P E39 - HOOD CONTROL& LIGHTS 500 A. 1P SPARE 0 3880 A. 1P SPA	A. 1P LTG - TRACK A. 1P LTG - STACK A. 1P LTG - SEMMEROUNIER TRACK A. 1P LTG - SEMMEROUNIER TRACK A. 1P LTG - SIGNAGE A. 1P EF-1 A. 1P RECEPT - ROOF A. 1P ES9 - HOOD CONTROL& LIGHTS A. 1P SPARE A. 1	A. 1P LTG - TRACK 1200 1140 A. 1P LTG - TRACK 1200 1140 A. 1P LTG - TRACK 1350 1140 A. 1P LTG - TRACK 1350 1140 A. 1P LTG - TRACK 750 1140 A. 1P LTG - TRACK 750 700 A. 1P LTG - CELING FAN 540 700 A. 1P LTG - SEMICE COUNTERTRACK 1200 700 A. 1P LTG - SIGNAGE 1200 0 A. 1P EF-1 400 3880 A. 1P E99 - HOOD CONTROL& LIGHTS 500 3880 A. 1P SPARE 0 0 0 3880 A. 1P SPARE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A. 1P LTG - TRACK 1200 1140	A

			PA	NELE	OAR	D SCH	EDU	LE				
PANEL DES	GNATION:		VOLTAGE	:		BUS RATI	NG:	AIC RAT	NG;	PROJEC	T.	
		В	120/2	08 3Ø 4	WIRE	100	A		22,000 A.	MOE'S	S - LAKI	Е СПУ, Е
MOUNTING			PANELL		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	MAIN LUG		-	MAIN BREAKER:			
		SURFACE		OFFICE		10	0	AMPS		AMPS		
CKT	CKTBRKR	LOAD DESCRIPTION	LOAD	(VAJPH	ASE)	LOAD	(VA/PH	(ASE)	LOAD DESCRIPTION	CKTE	RKR	CKT
NO	TRIPIPOLE	AND LOCATION	AØ	BØ	CØ	AØ	BØ	CØ	AND LOCATION	TRIP/	OLE	NO
1	20A. 1P	E2- COUNTER TOP STEAMER	1200			1200			RECEPT SHOW WINDOW	20A.	1P	2
3		E2- COUNTER TOP STEAMER		1200			1200		RECEPT SHOW WINDOW	20A.	1P	4
5		E2- COUNTER TOP STEAMER	,		1200			1200	RECEPT SHOW WINDOW	20A.	1P	6
7		E32 - 4 WYELL HOT FOOD TABLE	500			1600		!	RECEPT SHOW WINDOW	20A.	1P	8
9	20A. 1P	E3 - REF RIGERATED PREP TABLE		960			400		RECEPT T.V. MONITORS	20A.	1P	10
11	20A. 1P	E35 - DR/OP-IN HOTFOOD WELL			800			1260	RECEPT CONVENIENCE	20A.	1P	12
13	20A. 1P	E1 - CHIP WARMER	840			1260			RECEPT CONVENIENCE	20A.	1P	14
15	20A. 1P	E21 - FRIOZEN DRINK MACHINE		1320			1000		E34 - FOOD WARMER	20A.	1P	16
17	20A. 1P	RECEPT: - CASH REGISTER (IG)			1000			480	E18/E18 - STEAM KETTLE/GAS CO	20A.	1P	18
19	20A. 1P	RECEPT: - CASH REGISTER (IG)	500			0			RESERVED FOR SHUNT TRIP			20
21	20A. 1P	RECEPT: . PHONE BOARD		500			2280		E20 - ICE MAKER	30A.	1P	22
23		RECEPT: - MANAGER'S DESK			360			500	E43A - TEA BREWER	20A.	1P	24
25	15A.		500			500			E42 - ICE/SODA DISPENSER	20A.	1P	26
27		KSF-1		500			500		E31 - WALK-IN COOLER LGT/HTR.	20A.	1P	28
29	3P				500			1440	E48 - FOOD PROCESSOR	20A.	1P	30
31		RESERVED FOR SHUNTTRIP	0			2280			E19 - ICE MAKER	30A.	1P	32
33		SPACE		0			0		SPARE	20A.	1P	34
35		SPACE			0			0	SPARE	20A.	1P	36
37		SPACE	0			0			SPACE			38
39		SPACE		0			0		SPACE			40
41		SPACE			0			0	SPACE			42
		NOTES:	3540	4480	3860	6840	5380	4880				
PHASE A	10380	1. PROVIDE WITH GROUND	BUS.						LOAD CALCU	ILATIO	N	
PHASE B	9860								AMPS @ 120/208/3Ø		80.5	
PHASE C	8740								AMPS x 1.25		100.	6
TOTAL	28980	LOD - CIRCUIT BREAKER, LI	OCK-ON	DEVICE					DEMAND LOAD AMPS		64.3	
		HACR - U.L. LISTED 'HACR'	TYPE CIE	CUIT BE	REAKER	?						

LOAD DESCRIPTION	CONNECTED KVA	DEMAND FACTOR	KVA DEMAN
LIGHTING - EXTERIOR	0	1.25	0
LIGHTING - INTERIOR	8765	1.25	10956.25
SIGNAGE	2400	1.25	3000
RECEPTACLES	10000	FIRST 10 KW 100%	10000
	1020	REMAINDER@50%	510
KITCHEN EQUIPMENT	48420	0,65	31473
WATER HEATING	0	N/A	0
HVACEQUIPMENT	8380	LGT MOTOR @125%	10475
	26040	PLUS 100% REMAINDER	26040
3Ø MOTORS	2100	LGT MOTOR @125%	2625
	1500	PLUS 100% REMAINDER	1500
10 MOTORS	400	LGT MOTOR @125%	500
	0	PLUS 100% REMAINDER	0
MISCELLANEOUS	0	1.25	0
TOTALS	109025		97079.25

GENERAL NOTES

- 1. BRANCH CIRCUIT WIRING SHALL BE AS FOLLOWS: A. LIGHTING AND POWER NETWORKS: (120/208V, 3Ø, 4W) 1) 100 FEET OR LESS:
 PHASE - 3#12 AWG
 NEUTRAL - 1#12 AWG
 GROUND - 1#12 AWG
- 2) GREATER THAN 100 FEET: INCREASE ALL CONDUCTORS BY ONE WIRE GAUGE SIZE. 3) TWO NETWORKS MAXIMUM PER CONDUIT.
- 2. PROVIDE SINGLE GANG JUNCTION BOX FOR EACH TELEPHONE AND /OR DATA OUTLET WITH 3/4"C. STUBBED-UP TO 6" WALL ABOVE PARTITION OR, LAY-IN CEILING. PROVIDE BLANK COVERPLATE ON EACH OUTLET. 3. MINIMUM CONDUIT SIZE SHALL BE 3/4", UNLESS OTHERWISE
- NOTED OR INDICATED. 4. VERIFY ALL LIGHTING FIXTURE TYPES, LOCATIONS AND NUMBER WITH OWNER AND ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN-

4 Dzines, LLC

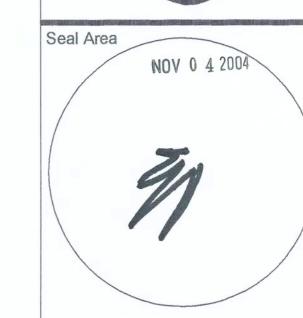
3225 Shallowford Road

Suite 430 Marietta, GA. 30062

P.770.977.9996

F.770.579.0643

ONFIDENTIAL PROPRIETARY DESIGNS AND CONCEPTS



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southwest grill™ MOE'S of Lake City 0000 Street Name Lake City, FL

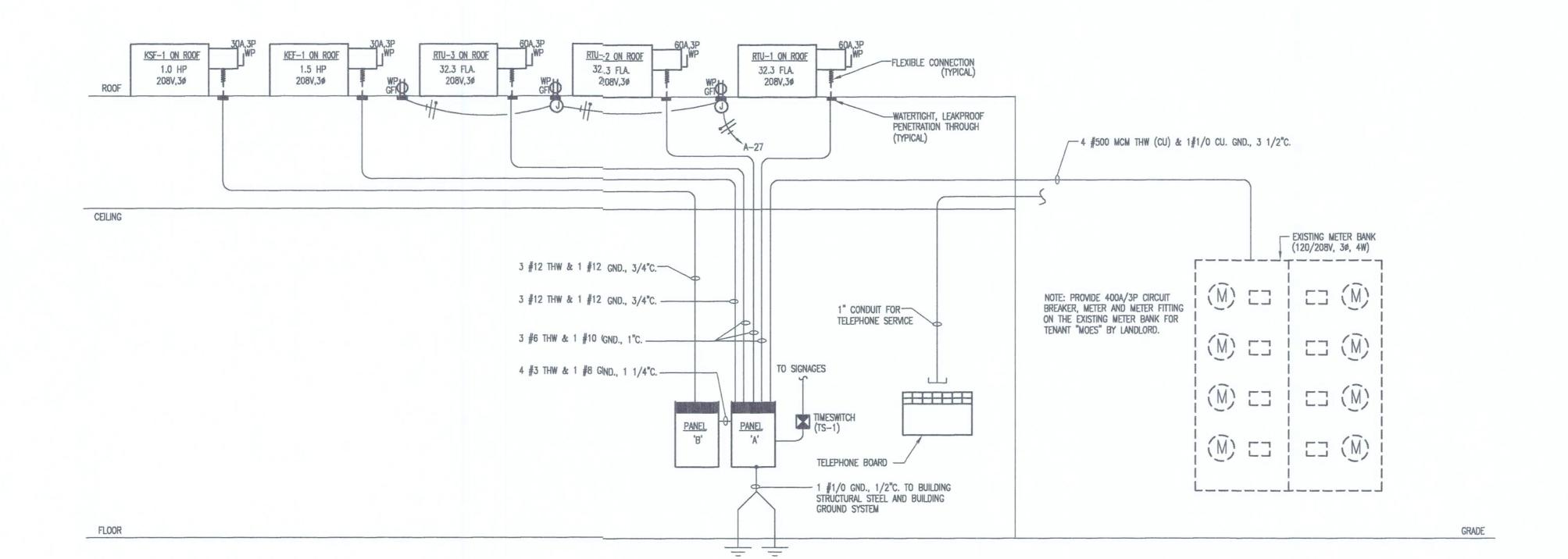
Sheet Description: SCHEDULES & ONE LINE DIAGRAM

Project #: D00630-S04

10.22.04 Date: 10.22.04 Scale: 1/4"=1'-0" Designer: MEB

PROJECT NO. A04244

Sheet #:



ONE-LINE DIAGRAM
SCALE: N.T.S.