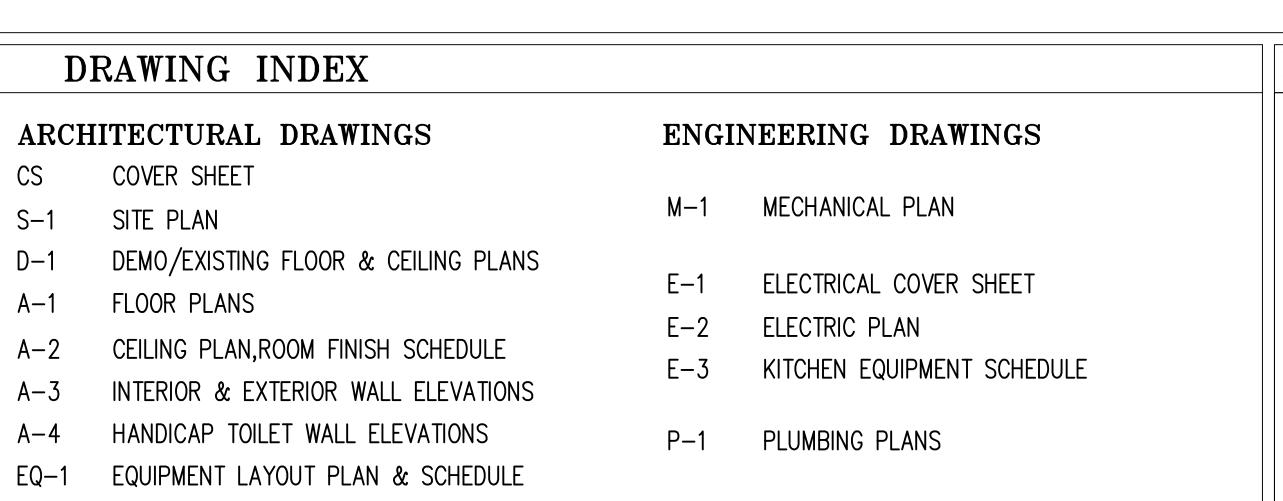
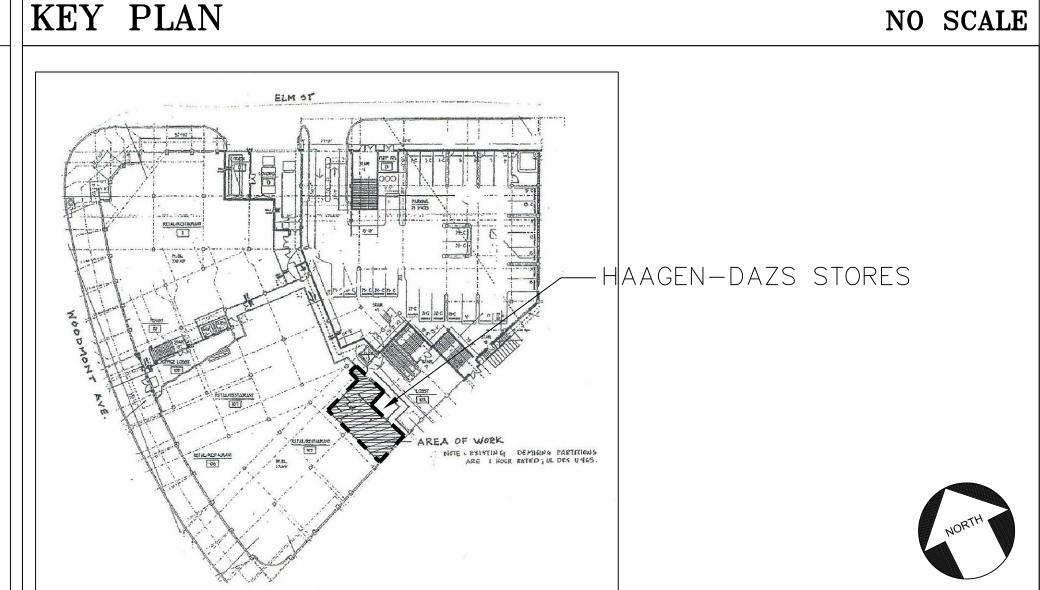
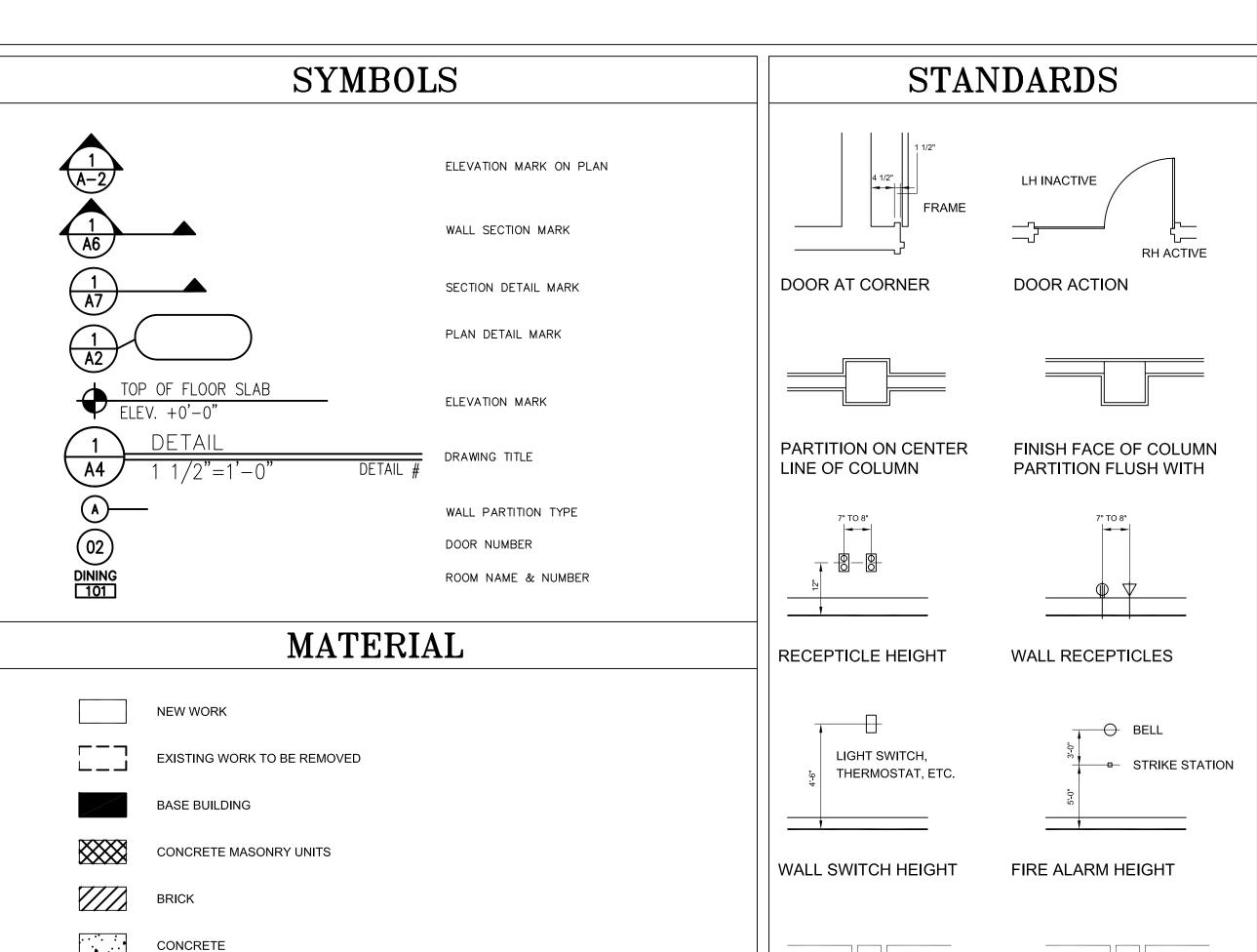
HAAGEN-DAZS

7255 WOODMONT AVENUE BETHESDA, MARYLAND 20814.





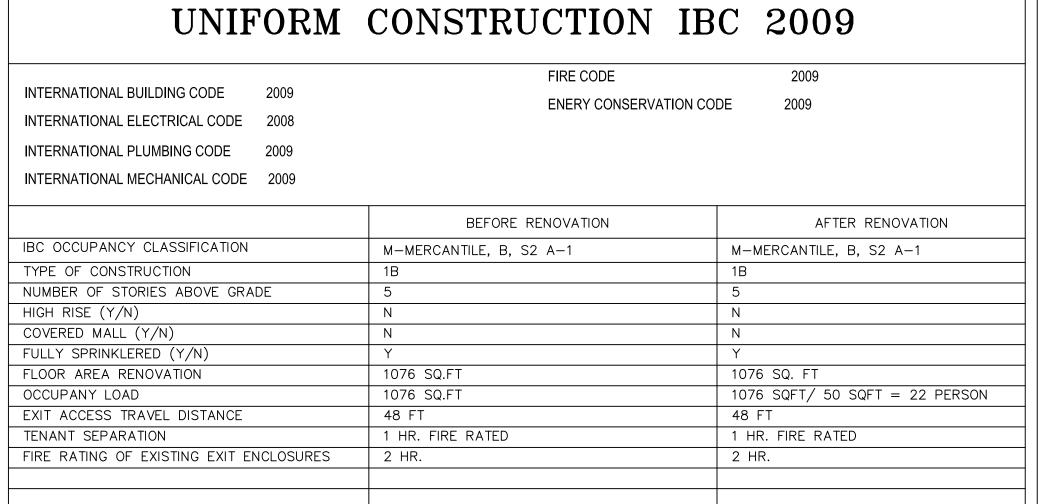


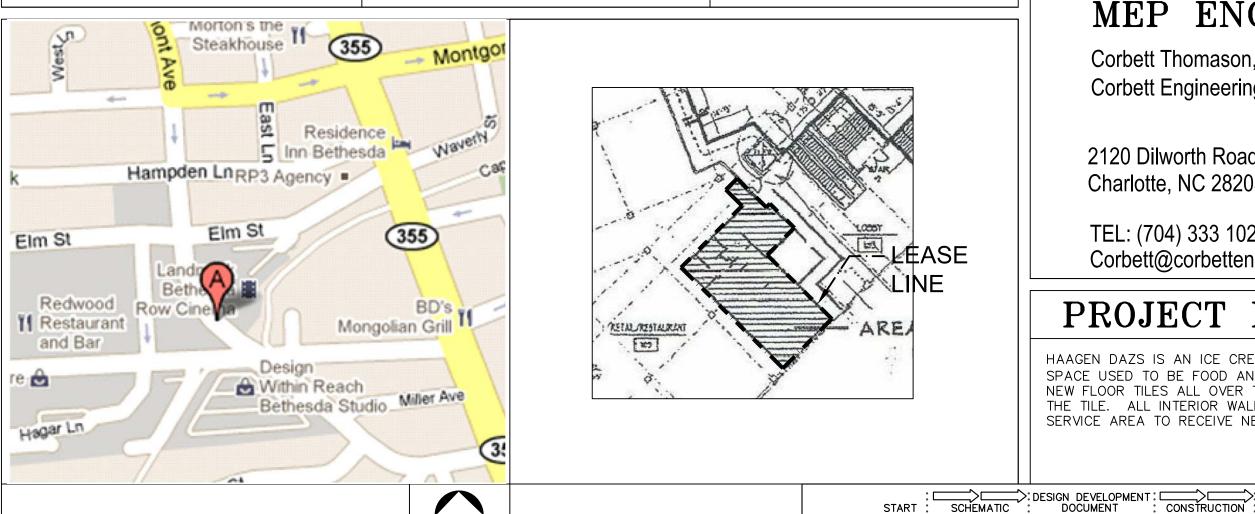
STORAGE SHELVING

CLOSET SHELF & ROD

LOCATION MAP

N.T.S





OWNER

TOM HUGHES **OFFICER** SUNDAE BEST, LLC 3120 M St NW Washington, DC 20007 Office: 202-333-3443 Fax:

PROJECT DESIGN TEAM

PROJECT MANAGER

Swann Karandikar Design Services Plus, Inc. 101 Convention Center Dr. Suite # 700 Las Vegas, NV

Cell: (240) 338 5598 Office: (240) 235 6234 Fax: (301) 761 4294

skarandikar@designservicesplus.com

ARCHITECT OF RECORD

Subhas Mazumdar, AIA, NCARB Design Services Plus, Inc. 101 Convention Center Dr. Suite # 700 Las Vegas, NV

TEL: (302) 897 2501 smazumdar1@verizon.net

MEP ENGINEERS

Corbett Thomason, P.E. Corbett Engineering

2120 Dilworth Road. Charlotte, NC 28203

DOCUMENT

TEL: (704) 333 1020 Corbett@corbettengineering.com

PROJECT DESCRIPTION

HAAGEN DAZS IS AN ICE CREAM STORE. IT'S A FIT-OUT IN AN EXISTING SPACE USED TO BE FOOD AND BEVERAGE STORE, "Gifford's Ice Cream Parlor" NEW FLOOR TILES ALL OVER THE STORE WITH SINGLE PLY MEMBRANE UNDER THE TILE. ALL INTERIOR WALLS TO RECEIVE NEW FINISH. KITCHEN AND THE SERVICE AREA TO RECEIVE NEW FINISH. OUTSIDE TO HAVE A NEW STORE SIGN.

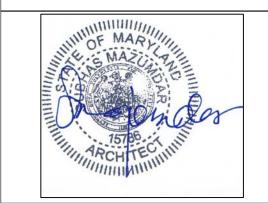
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<u></u>		DD/MM	SSK					
NO	DESCRIPTION	DATE	BY					
DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.								

PROFESSIONAL CERTIFICATION

1 PERMIT SUBMITTAL

04/11 SSK



7255 WOODMONT AVE BETHESDA, MD 20814 HAAGENDAZS



DESIGN SERVICES PLUS, INC.

DESIGN, PLANNING AND DEVELOPMENT

SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE COVER SHEET

)	FILE	NAME	-	

ISSUED 04-11-2011 CHECKED SM SCALE AS NOTED PROJECT NO. 6

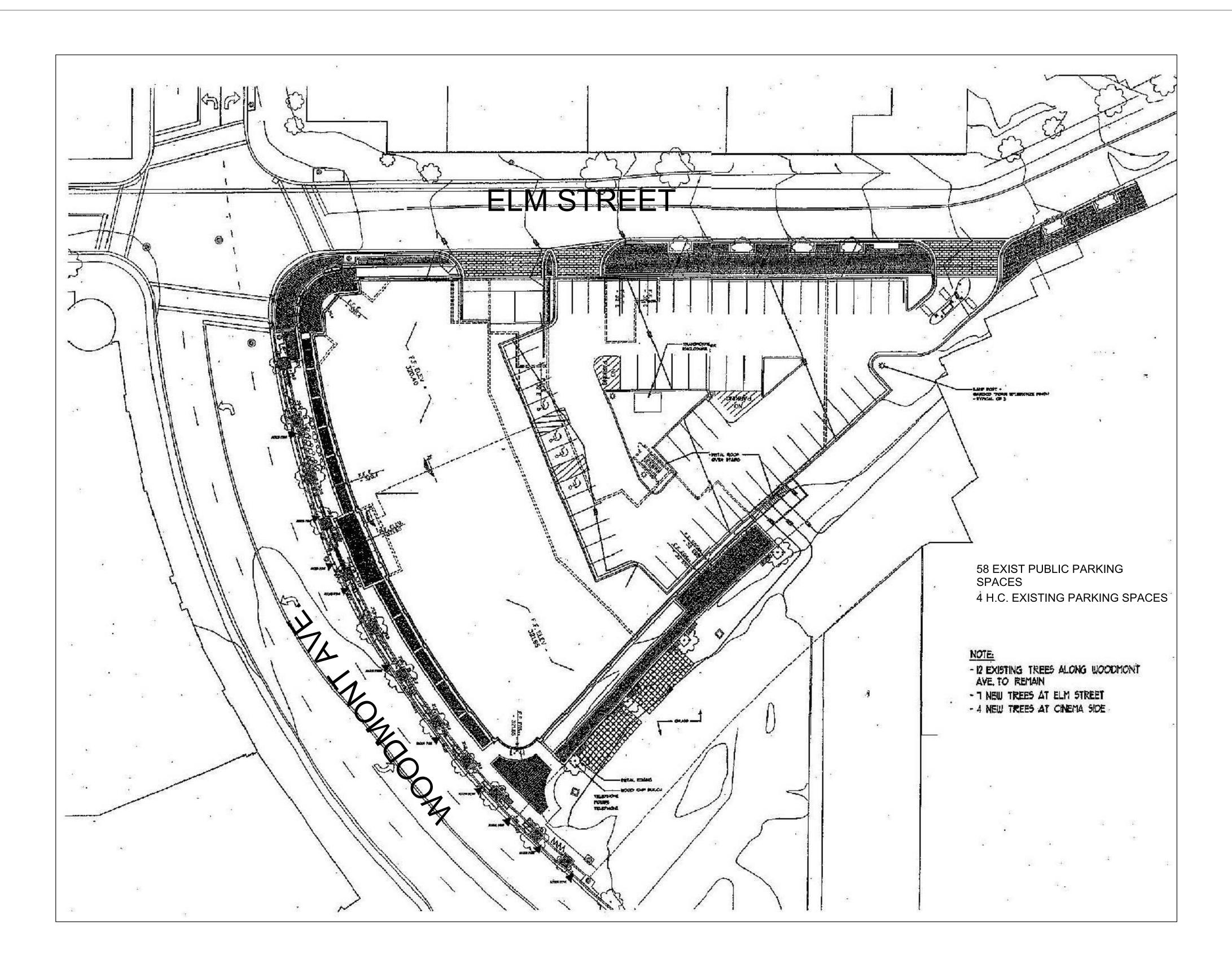
SPECIFICATION

SPECIFICATION

BATT INSULATION

FINISH WOOD

LEASE OUTLINE DRAWING LEASE AREA: 1250 SQ. FT



1 SITE PLAN
S-1 N.T.S

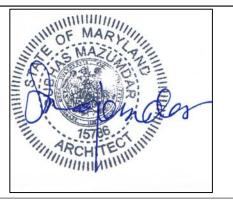
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REVISIONS

DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

PROFESSIONAL CERTIFICATION

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 15786, EXPIRATION DATE: 05-06-2011.



HAAGENDAZS 7255 WOODMONT AVE BETHESDA, MD 20814



DESIGN SERVICES PLUS, INC.

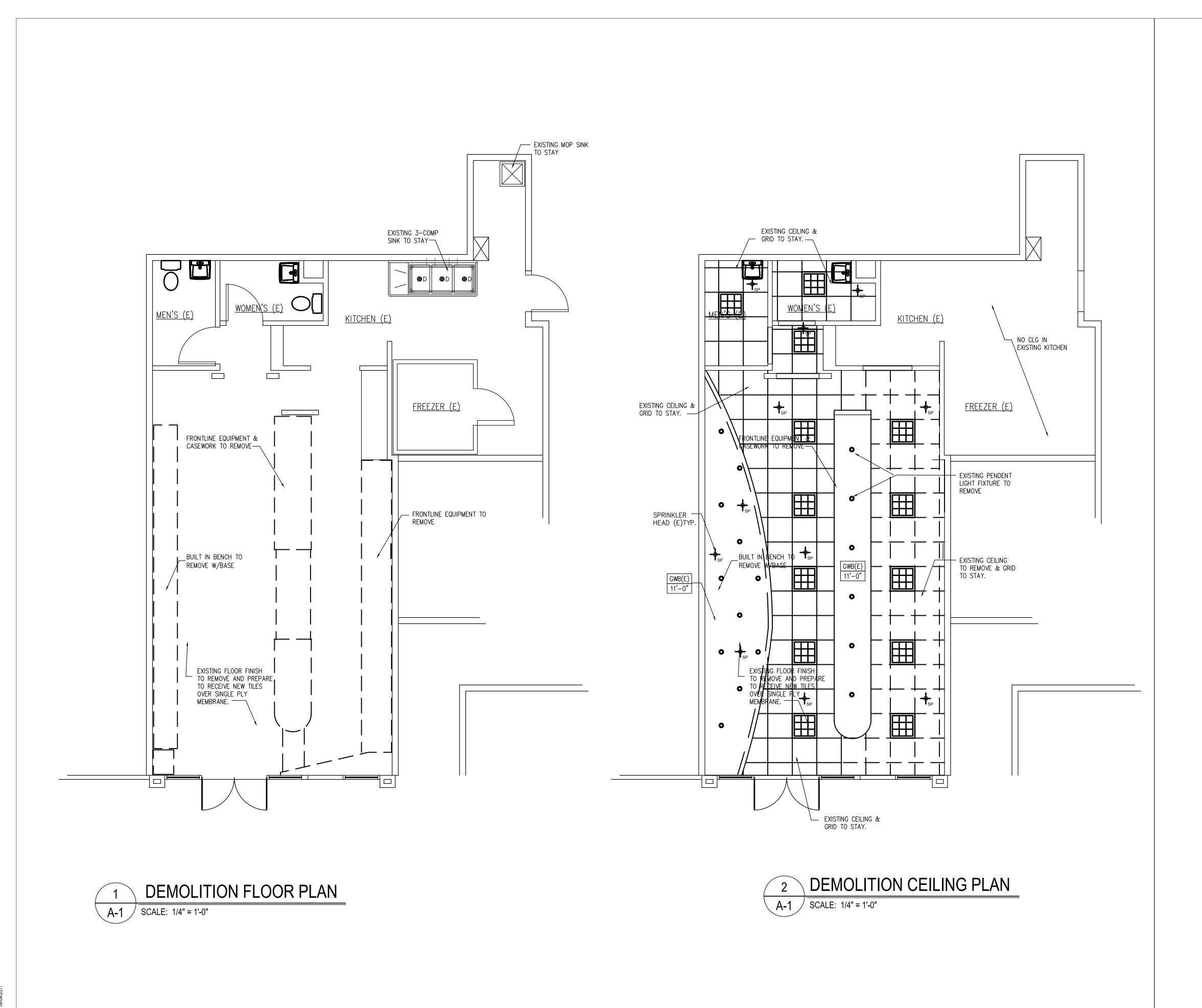
DESIGN, PLANNING AND DEVELOPMENT

SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE SITE PLAN

CAD FILE NAME

DRAWN SM	ISSUED 04-11-2011
CHECKED SM	SCALE NTS
APPR. SM	DWG NO.
PROJECT NO.	S-1



PRINTS ISSUED

1 PERMIT SUBMITTAL

04/04 SSK

04/04 SSK

04/04 SSK

DD/MM SSK

DD/MM SSK

NO DESCRIPTION

DATE BY

REVISION

DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

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HAAGENDAZS 7255 WOODMONT AVE BETHESDA, MD 20814



DESIGN SERVICES PLUS, INC.

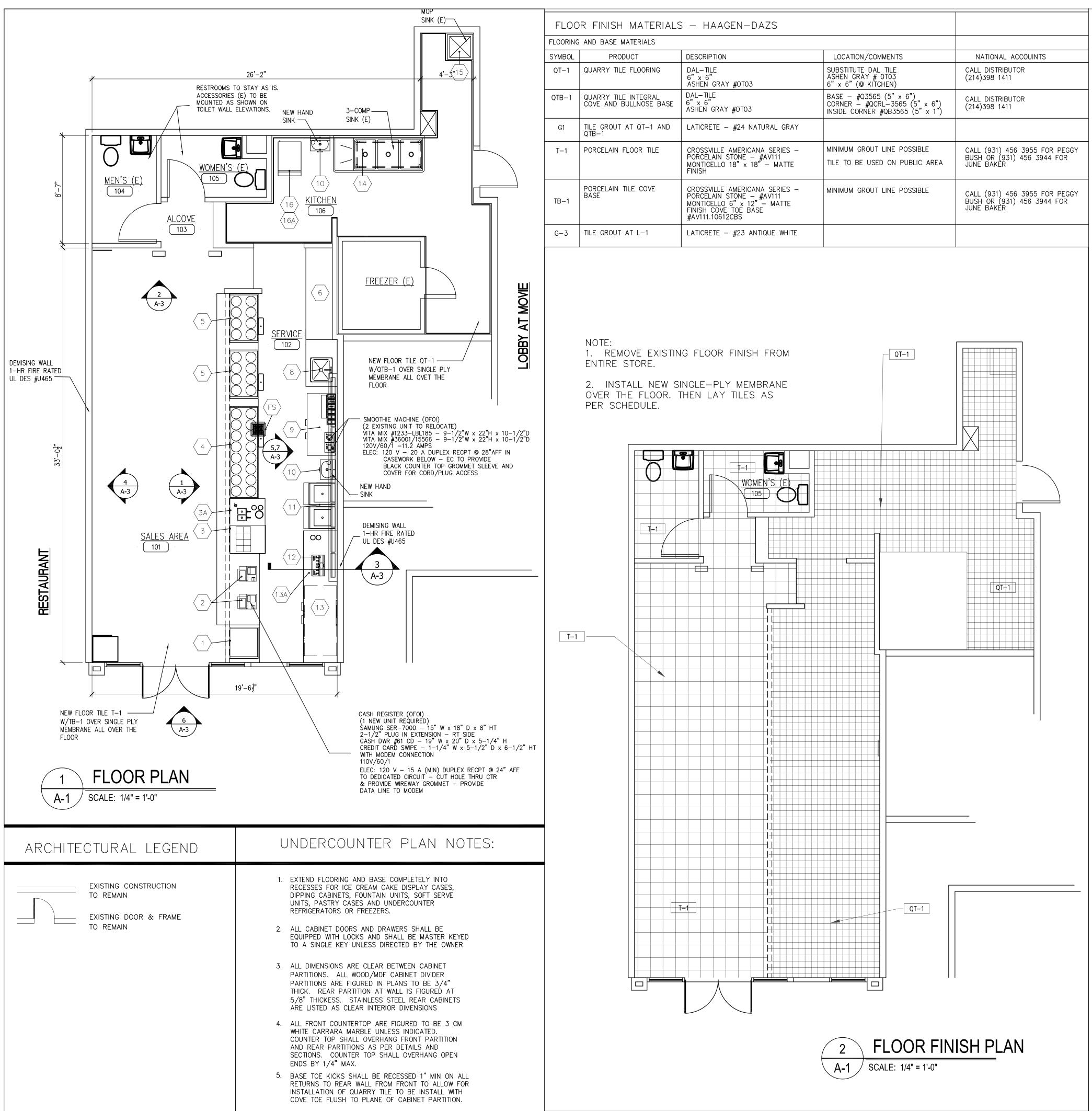
DESIGN, PLANNING AND DEVELOPMENT

SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

DEMOLITION/EXISTING
FLOOR & CEILING
PLANS

AD FILE NAME	-	
RAWN SM	ISSUED	04-04-201
HECKED SM	SCALE	1/4" =1'-0
PPR. SM	DWG NO.	

START SCHEMATIC DOCUMENT CONSTRUCTION DOCUMENT D



GENERAL NOTES

- 1- ALL LABOR, MATERIALS AND INSTALLATIONS MUST COMPLY WITH THE APPLICABLE CODES, RULES AND REGULATIONS OF ALL AUTHORITIES HAVING JURISDICTION, INCLUDING ALL APPLICABLE STATE & CITY BUILDING, ZONING, ELECTRICAL, MECHANICAL, PLUMBING AND FIRE CODES.
- 2-CONTRACTOR SHALL VERIFY ALL CODE REQUIREMENTS BEFORE COMMENCEMENT OF CONSTRUCTION. ANY DISCREPANCIES WHICH EXIST BETWEEN THE REQUIREMENTS BY THE PLANS OR SPECIFICATIONS, AND SAID CODES, RULES AND REGULATIONS, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING FOR RESOLUTION.
- 3-F ANY CHANGE IN THE PLANS AND/OR SPECIFICATIONS OCCURS AS RESULT OF THE REQUIREMENTS OF THE CODE OR ANY OTHER AUTHORITIES HAVING JURISDICTION, AFTER THE SUBMISSIONS OF THE BIDS, THEN THE BIDDERS WILL BE GIVEN THE OPPORTUNITY TO ADJUST THEIR BIDS, IF NECESSARY, ONLY FOR CHANGE. AFTER AWARD OF THE CONTRACT, CONTRACTOR MUST OBTAIN WRITTEN INSTRUCTIONS BEFORE PROCEEDING WITH THE WORK.
- 4-PROVIDE APPROPRIATE SAFETY MEASURES SATISFYING LOCAL AND OSHA REQUIREMENTS.
- 5-SEAL ALL FLOOR & WALL PENETRATIONS W/ APPROVED FIRE-SAFING MATERIAL TO MAINTAIN FIRE/SMOKE RESISTIVITY RATING & ACOUSTICAL INTEGRITY.
- 6- BLOCKING IN PARTITIONS SHALL BE PROVIDED IN ALL AREAS WHERE REQUIRED. THESE AREAS ARE TO INCLUDE, BUT ARE NOT LIMITED TO: OPENED AND CLOSED SHELVING, COAT RODS AND SHELVES, CABINETRY, COUNTERS, AND SUPPORT OF TRIMS AND WALL HUNG FURNITURE ITEMS. ALL WOOD BLOCKING & FINISH WOOD PROFILES TO BE FIRE RETARDANT TREATED
- 7- SHOULD EXISTING FIELD CONDITIONS BE DISCOVERED, AFTER AWARD OF CONTRACT, THAT PREVENTS INSTALLATION OF WORK IN ACCORDANCE WITH THE DETAILS SHOWN, NOTIFY ARCHITECT IMMEDIATELY AND PROVIDE A SKETCH OF THE CONDITION.
- 8- CONTRACTOR SHALL CHECK & VERIFY ALL DIMENSIONS, NOTES AND CONDITIONS AT SITE PRIOR TO COMMENCEMENT OF THE WORK. DO NOT SCALE DRAWINGS.
- 9- ANY DISCREPANCIES SHALL BE REPORTED TO THE ARCHITECT IN WRITING. NO WORK OR ORDERING OF MATERIAL MAY OCCUR UNTIL ALL DIMENSIONAL ITEMS HAVE BEEN RESOLVED. FAILURE TO COMPLY WILL RESULT IN THE CONTRACTOR TAKING FULL RESPONSIBILITY TO ACCOMMODATE ANY CRITICAL DIMENSIONS.
- 10-ON ACCOUNT OF ANY DISCREPANCIES BETWEEN ACTUAL MEASUREMENTS AND DIMENSIONS WHICH MAY BE FOUND ON THE DRAWINGS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY FIT AND STABILITY OF ALL PARTS OF THE WORK; NO EXCEPTIONS.
- 11-THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION OF EXISTING WORK AND NEWLY ADDED WORK UNTIL PROJECT IS TURNED OVER TO OWNER.
- 12-THE CONTRACTOR SHALL REPAIR AND RESTORE TO ITS ORIGINAL CONDITION ALL WORK AND ITEMS DAMAGED AS RESULT OF THE WORK OF THIS PROJECT AND SHALL LEAVE THE NEW WORK COMPLETE TO THE TRUE INTENT OF THE DRAWINGS AND SPECIFICATIONS AND TO THE SATISFACTION OF THE ARCHITECT AND OWNER.
- 13-ARCHITECT IS NOT RESPONSIBLE FOR WORK THAT ARCHITECT DOES NOT REVIEW AND/OR WORK NOT COMPLETED IN ACCORDANCE WITH ARCHITECT'S PLANS AND/OR INSTRUCTIONS. NO DEVIATION FROM ARCHITECT'S DOCUMENTS IS PERMITTED WITHOUT WRITTEN APPROVAL FROM ARCHITECT.

PRI	YTS ISSUED	YEAR: 2011				
1	PERMIT SUBMITTAL	04/11	SSK			
10	DESCRIPTION	DATE	BY			
RF\	/isions	I	1			

ELECTRONIC FORM, PREPARED BY THE ARCHITECT, IT'S FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF

RIGHTS, INCLUDING COPYRIGHTS PROFESSIONAL CERTIFICATION I CERTIFY THAT THESE DOCUMENTS WERE PREPARED

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MARYLAND, LICENSE NO. 15786, EXPIRATION DATE:

DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN



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DESIGN SERVICES PLUS, INC.

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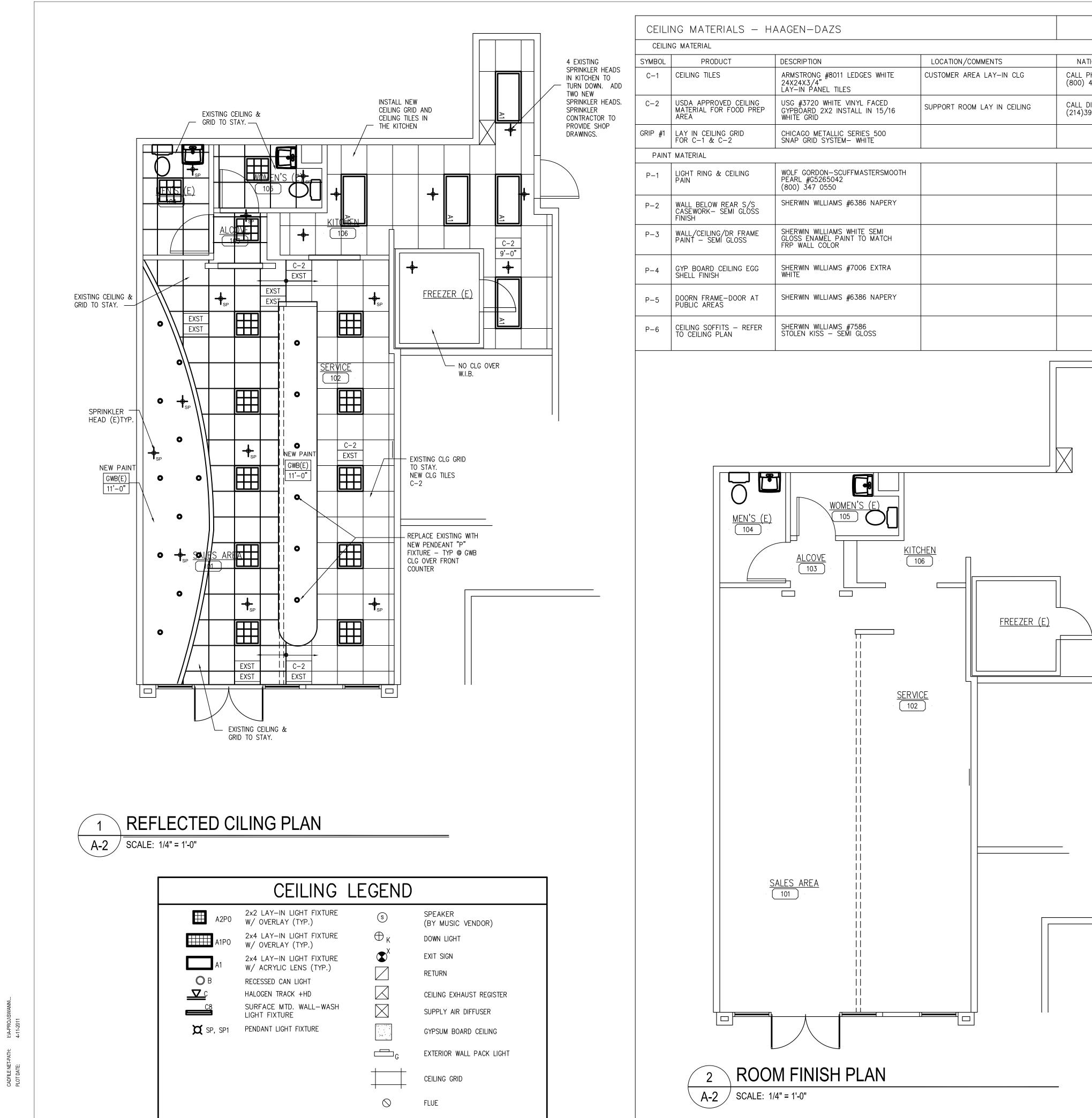
SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE FLOOR PLANS

CAD FILE NAME	_	
DRAWN SM	ISSUED	04-11-2
CHECKED SM	SCALE	1/4" =1
APPR SM	DWG NO	

PROJECT NO. **A-**

C: DOCUMENT: CONSTRUCTION: CONTRACT END DOCUMENT DOCUMENT DOCUMEN⁻ DOCUMENT DOCUMENT ISSUE DATE:



NATIONAL ACCOUINTS CALL PHULLIS MILLER (800) 442 4212 CALL DISTRIBUTOR (214)398 1411

LIGHTING FIXTURE SCHEDULE

P. DECORATIVE CLG MTD PENDANT LIGHT LITR SOURCE CUSTOM - LSX 17971 ONE CLEAR CONE PENDANT WITH CLERAR CORD AND WHITE CANOPY SOURCE SHEPLER REFRIGERATION TY ALTMAN (503) 282 7255

ROOM FINISH SCHEDULE

SCHEMATIC DOCUMENT CONSTRUCTION DOCUMENT

DOCUMENT DOCUMENT DOCUMENT

NO.	ROOM NAME	FLOOR CODE	BASE CODE	WALL CODE	CEILING CODE	NOTES				
101	SALES AREA	T-1	TB-1	P-3	EXIST		DD/MM SSK			
102	SERVICE AREA	QT-1	QTB-1	T-2	C-2		NO DESCRIPTION DATE BY			
103	ALCOVE	T-1	TB-1	P3	EXST		REVISIONS			
104	MEN'S	T-1	TB-1	P3	EXST					
105	WOMEN'S	T-1	TB-1	P3	EXST		DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTED OF CREMINGS FOR USES OF THE WARTEN DEPORTS.			
106	KITCHEN	QT-1	QTB-1	FRC	C-2		CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF			
							SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.			

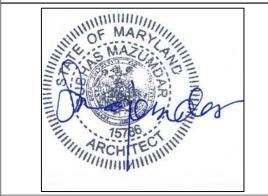
RIGHTS, INCLUDING COPYRIGHTS.

PROFESSIONAL CERTIFICATION

PRINTS ISSUED

YEAR: 2011

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. <u>15786</u>, EXPIRATION DATE:



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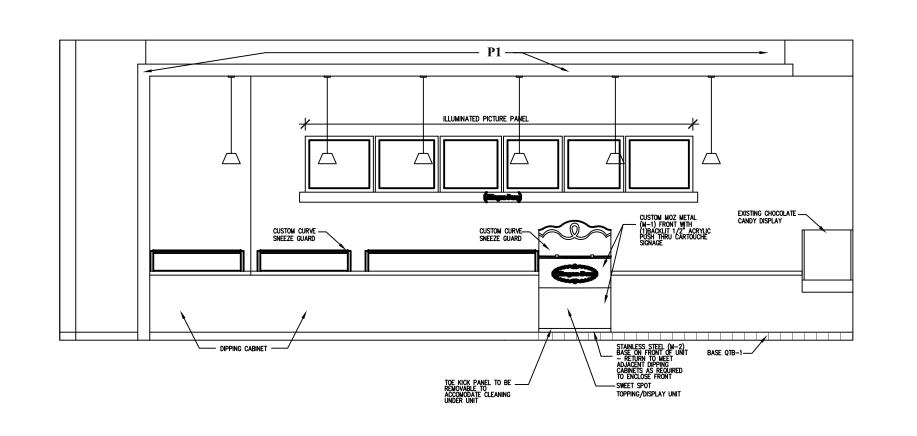
SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

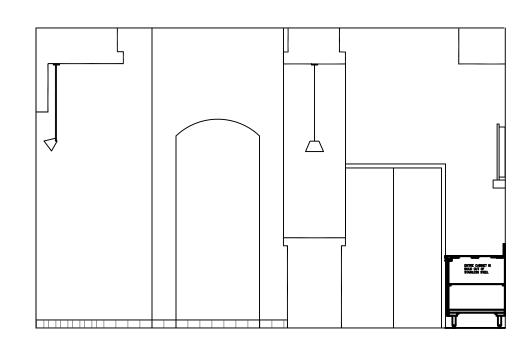
SHEET TITLE REFLECTED CEILING ROOM FINISH PLAN

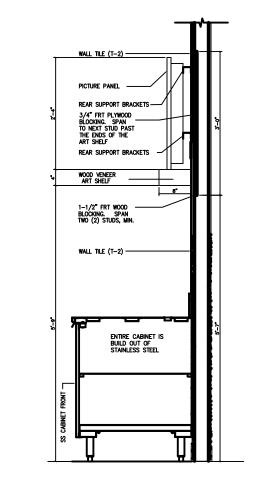
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CHECKED S **SCALE** 1/4" =1'-0' DWG NO. PROJECT NO.

A-2



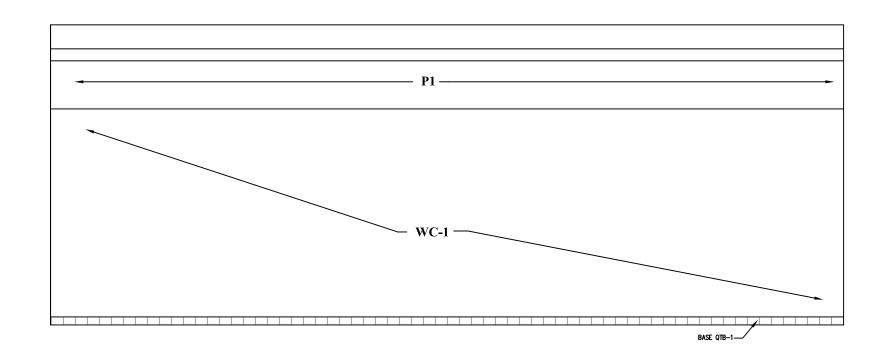


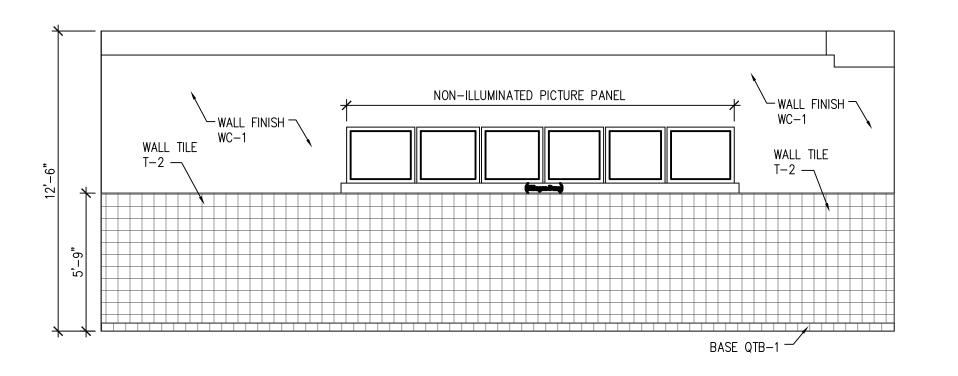






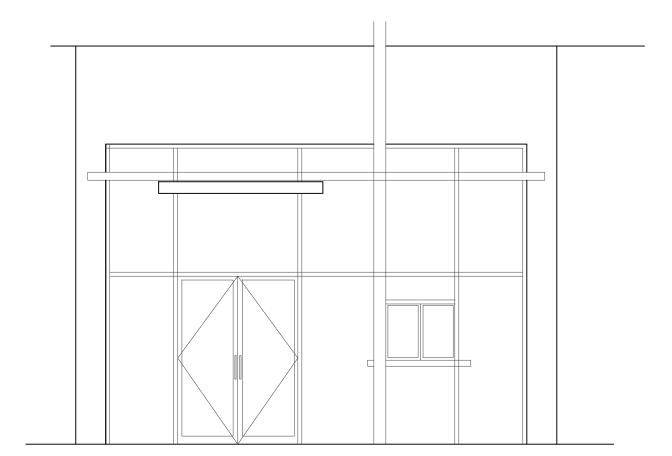


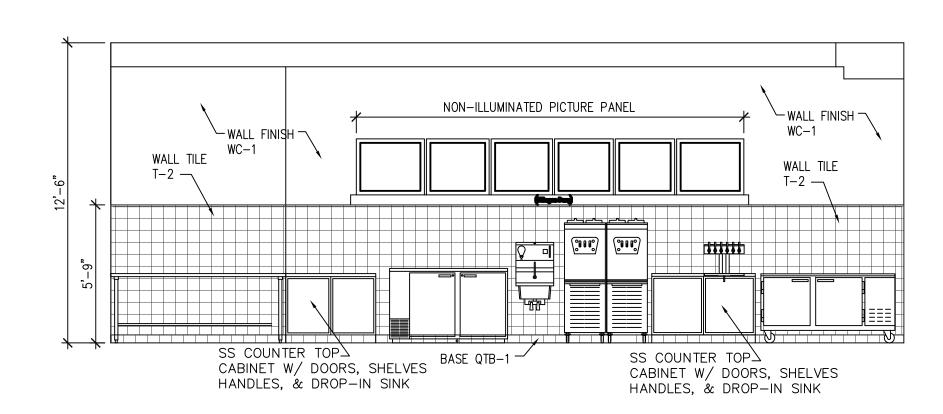












EXTERIOR WALL ELEVATION A-3 SCALE: 1/4" = 1'-0"

SERVICE WALL W/ EQUIPMENT ELEVATION A-3 SCALE: 1/4" = 1'-0"

LOORING	G AND BASE MATERIALS				FOR PERMIT	4/11	S:
SYMBOL QT-1	PRODUCT QUARRY TILE FLOORING	DESCRIPTION AMERICAN OLEAN	LOCATION/COMMENTS SUBSTITUTE DAL TILE				
		6" x 6" COLOR: N46 GRAY	ASHEN GRAY # 0T03 6" x 6"				\downarrow
QTB-1	QUARRY TILE INTEGRAL COVE AND BULLNOSE BASE	AMERICAN OLEAN 6" x 6" COLOR: N46 GRAY	BASE - #Q3565 (5" x 6") CORNER - #QCRL-3565 (5" x 6") INSIDE CORNER #QB3565 (5" x 1")				
G1	TILE GROUT AT QT-1 AND QTB-1	LATICRETE - #24 NATURAL GRAY					1
T-1	PORCELAIN FLOOR TILE	CROSSVILLE AMERICANA SERIES — PORCELAIN STONE — #AV111 MONTICELLO 18" x 18" — MATTE FINISH	MINIMUM GROUT LINE POSSIBLE				† †
G-3	TILE GROUT AT L-1	LATICRETE - #23 ANTIQUE WHITE					Ŧ
AINT M	ATERIALS						1
P-1	LIGHT RING AND CEILING PAINT	WOLF GORDON — SCUFFMASTER SMOOTH PEARL#G5265042 800.347.0550					
P-2	WALL BELOW REAR S/S CASEWORK — SEMI GLOSS FINISH	SHERWIN WILLIAMS #7017 DORIAN GRAY		A NO	DESCRIPTION	DD/MM DATE	,
P-3	WALL/CEILING/DR FRAME PAINT — SEMI GLOSS FINISH	SHERWIN WILLIAMS WHITE SEMI GLOSS ENAMEL PAINT TO MATCH FRP WALL COLOR			/ISIONS	Walle Thousand	_
ALL FIN	I NISH MATERIALS		1	ELEC CON:	WINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCI TROUTE FORM, PREPARED BY THE ARCHITECT, ITS SULTANT ARE INSTRUMENTS OF SERVICE FOR USE SO PROJECT THE ARCHITECT ITS FIRM AND ARCHITECTS	M AND THE ARC LELY WITH RESF	CHI PE
T-2	SERVICE WALL — REAR CASEWORK WALL TILE	DAL-TILE SONTERRA - #SR-52 ICE COLOR - TBD NO SUBSTITION ALLOWED		BE D SER\	PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECT: EEMED THE AUTHORS AND OWNERS OF THEIR RESPEC JICE AND SHALL RETAIN ALL COMMON LAW, STATUTOR TS, INCLUDING COPYRIGHTS.	TIVE INSTRUME	EN'
G-2	GROUT AT T-2 WALL TILE	DAL-TILE #365 CANVAS		I CE	PRESSIONAL CERTIFICATION ERTIFY THAT THESE DOCUMENTS WE		
WC-1	VINYL WALL COVERING SIDE SERVICE WALLS	WOLF GORDON VINYL WALLCOVERING SERENADE SANDED OAK G 5201055 (54" WIDE) (PROJ # AZ51050SD)		AR(APPROVED BY ME, AND THAT I AM A CHITECT UNDER THE LAWS OF THE S RYLAND, LICENSE NO. <u>15786,</u> EXPIRA <u>06-2011.</u>	STATE OF	
RP #1	SUPPORT ROOM FIBERGLASS REINFORCED POLYESTER PANELS	MARLITE #P-100 - WHITE - CLASS A			MARY MARINE		٦
IETAL M				+	A STATE OF THE STA		
M-1	STOREFRONT METAL MATERIAL	MOZ DESIGNS — EXTERIOR GRADE SPECIAL A—POLYCOAT WITH SATIN FINISH — ELECTRIC RED — BRUSHED PATTERN	LINDA BARFIELD 510.444.0853		15706	es	
M-2	STAINLESS STEEL CHAIR RAIL, BASE MATERIAL	CHEMETAL BRUSHED STAINLESS STEEL WITH BACKER — #710	800.807.7341		The state of the s		
ASEWOR	 RK MATERIALS						
SS-1	COUNTER TOP AT SWEET SPOT	AVONITE RUBY GLASS #K3-8420 GLOSS 07/04 800.250.4447	BY HENDERSON MILL AND FIXTURE - TIM NGO 800.307.3663				
ST-2	FRONT COUNTER TOP, APRON - TABLE TOPS		PRIMARY COUNTER TOP SUBSTITUTE MUST BE APPROVED IN ADVANCE BY HAAGEN-DAZS		五 4		
SS-2	FRONT COUNTER TOP, APRON - TABLE TOPS	SOLID SURFACE MATERIAL BY MYSTERA — INFINITY LINEAR VEINING WHITE CARRARA HS—117	ACCEPTABLE SUBSTITUTE TO ACTUAL CARRARA MARBLE (ST-2) APPROVAL REQUIRED		VZS NT AV 2081		
L-1	FRONT COUNTER FACING MATERIAL — PLASTIC LAMINATE	FORMICA - VOSGES PEAR #1150-43 ARTISAN FINISH			HAAGENDAZS 7255 WOODMONT / BETHESDA, MD 20		
L-2	CABINET FACINGS REAR OF FRONT LINE CABINETS	FORMICA #9202 -58 PLATINUM			AGE 1001 SSD/		
L-6	SUPPORT ROOM CASEWORK	FORMICA #949-58 WHITE			HA 55 W ETHE		
	FRONT COUNTER METAL EDGING	STYLMARK PRODUCTS — REFER TO DETAILS ON SHEET A4.0 FOR INFORMATION			72; BE		
	REAR CABINETS, COUNTERTOP AND BACKSPLASHES	304 STAINLESS STEEL — 16 GAUGE — #4 FINISH					
	MATERIALS	ADMOTROMO "SOM ATTOTAL					
C-1	CUSTOMER AREA LAY-IN CEILING	ARMSTRONG #8011 LEDGES — WHITE — 24" x 24" x 3/4" LAY—IN PANEL TILES — 877.276.7876	TEGULAR EDGE — INSTALL IN 15/16				
C-2	SUPPORT ROOM LAY-IN CEILING	USG #3720 WHITE VINYL FACED GYPBOARD 2'x4' — INSTALL IN 15/16" WHITE GRID	USDA APPROVED CEILING MATERIAL FOR FOOD PREPARTION AREAS				
RID #1	LAY-IN CEILING GRID	CHICAGO METALLIC SERIES 500 SNAP GRID SYSTEM — WHITE	FOR USE WITH C-1 AND C-2		ESIGN SERV	ICE	C

FINISH MATERIALS SCHEDULE NOTES:

A. ALL MATERIALS AND WORK PROVIDED AND INSTALLED BY GENERAL CONTRACTOR.

B. PROVIDE A MINIMUM OF TWO (2) COATS PAINT OVER ONE (1) COAT PRIMER ON ALL WALLS SOFFITS, AND CEILINGS.

SIGN	SERVICE	· ·

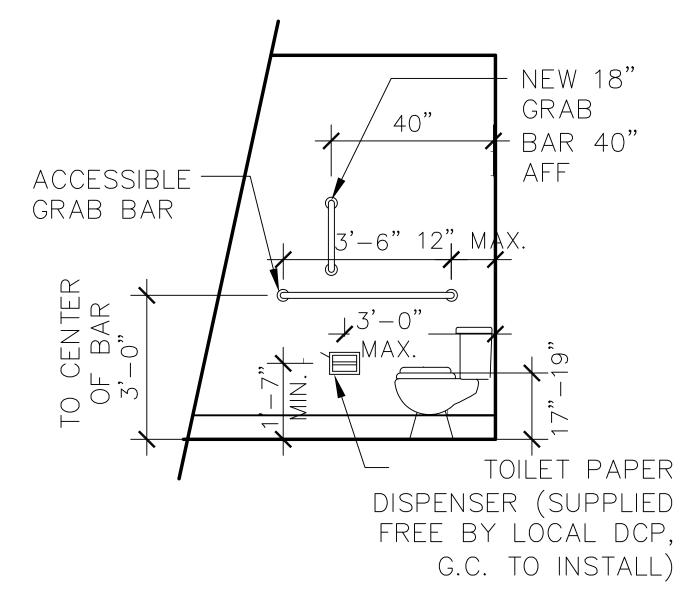
PLUS, INC. DESIGN, PLANNING AND DEVELOPMENT

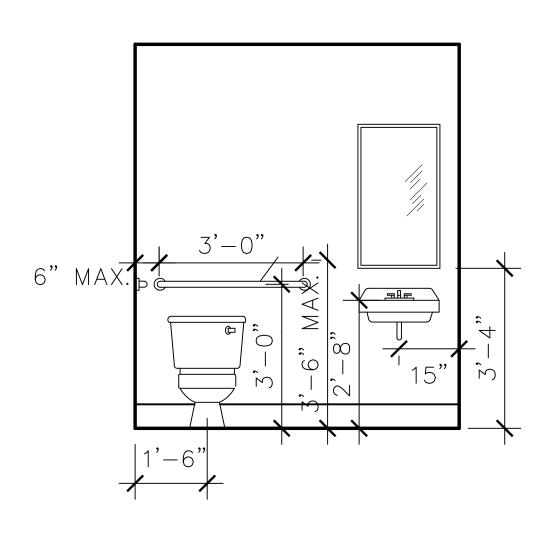
SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE INTERIOR WALL **ELEVATION**

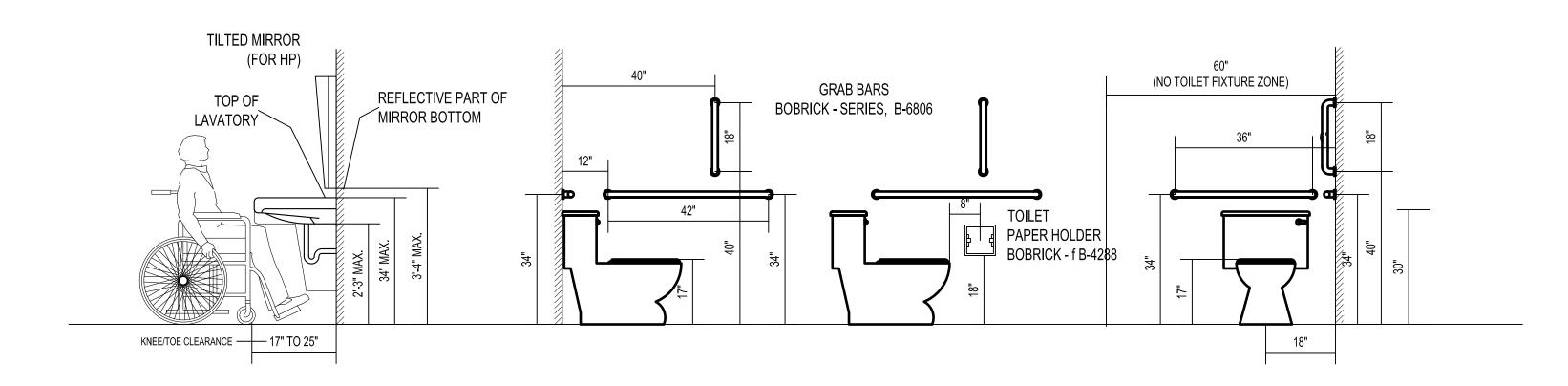
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												DRAWN SM	ISSUED 04-11-20 1	11
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		DOCUMENT		. ====>	DOCUMENT		⇒. ENT	DOCUMENT	:	DOCOMENT >	END	APPR. SM	DWG NO.	
ISSUE DATE:	• • •	o o o	12.10.09	02.01.10	•	•	0	• • • • • • • • • • • • • • • • • • •	•	•	0 0	PROJECT NO.		
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TOILET WALL ELEVATIONS



WHEEL CHAIR ACCESSIBLE TOILET FIXTURE ELEVATION



 FINIS	H MATERIALS SCHEE	DULE — HAAGEN—DAZS			TS ISSUED	YEAR: 2	
	S AND BASE MATERIALS			1	PERMIT SUBMITTAL	04/11	SSK
SYMBOL	PRODUCT	DESCRIPTION	LOCATION/COMMENTS	+			+
QT-1	QUARRY TILE FLOORING	DAL TILE 6" x 6" COLOR: ASHEN GRAY OTO3	SSUPPORT ROOM & TO REAR OF FRONT COUNTER				
QTB-1	QUARRY TILE INTEGRAL COVE AND BULLNOSE BASE	DAL TILE 6" x 6" COLOR: ASHEN GRAY OTO3	BASE - #Q3565 (5" x 6") CORNER - #QCRL-3565 (5" x 6") INSIDE CORNER #QB3565 (5" x 1")				
G1	TILE GROUT AT QT-1 AND QTB-1	LATICRETE - #24 NATURAL GRAY					
T-1	PORCELAIN FLOOR TILE	CROSSVILLE AMERICANA SERIES — PORCELAIN STONE — #AV111 MONTICELLO 18" x 18" — MATTE FINISH	MINIMUM GROUT LINE POSSIBLE				
G-3	TILE GROUT AT T-1 & TB-1	LATICRETE - #23 ANTIQUE WHITE					
PAINT MA	ATERIALS						
P-1	LIGHT RING AND CEILING PAINT	WOLF GORDON — SCUFFMASTER SMOOTH PEARL#G5265042 800.347.0550					
P-2	WALL BELOW REAR S/S CASEWORK - SEMI GLOSS FINISH	SHERWIN WILLIAMS #6386 NAPERY		A NO	DESCRIPTION	DD/MM DATE	+-
P-3	WALL/CEILING/DR FRAME PAINT - SEMI GLOSS FINISH	SHERWIN WILLIAMS WHITE SEMI GLOSS ENAMEL PAINT TO MATCH FRP WALL COLOR			SIONS	INCLUDING THOSE	
WALL FIN	ISH MATERIALS			ELECT CONSI	RONIC FORM, PREPARED BY THE ARCHITECT, ITS ILTANT ARE INSTRUMENTS OF SERVICE FOR USE	FIRM AND THE AR SOLELY WITH RES	RCHITECT' SPECT TO
T-2	SERVICE WALL — REAR CASEWORK WALL TILE	DAL-TILE SONTERRA - #SR-72 ICE WHITE		BE DEI SERVI	ROJECT. THE ARCHITECT, ITS FIRM AND ARCHIT EMED THE AUTHORS AND OWNERS OF THEIR RES DE AND SHALL RETAIN ALL COMMON LAW, STATU S, INCLUDING COPYRIGHTS.	SPECTIVE INSTRUM	MENTS OF
T-2	SERVICE WALL — REAR CASEWORK WALL TILE	DIAMOND TECH TILES- T2521 IRIDIZED WHITE		PRO	FESSIONAL CERTIFICATION		
G-2	GROUT AT T-2 WALL TILE	POLYBLEND #365 CANVAS		OR A	RTIFY THAT THESE DOCUMENTS PPROVED BY ME, AND THAT I AN	A DULY LIC	
WC-1	VINYL WALL COVERING SIDE SERVICE WALLS	HIRSFIELDS, 202HDBQ-18 TOWER WALLCOLVERING, BRAQUE -COLOR, MALT		MAR	HITECT UNDER THE LAWS OF TH YLAND, LICENSE NO. <u>15786,</u> EXPI 3-2011.		E:
T-3	PORCELAIN WALL TILE -PUBLIC RESTROOMS	CROVILLE CROSS COLORS—PORCELAIN STONE—#C310 BAMBOO 8X8 MATTE FINISH 4X8 BULLNOSE TOP			MINIMINI.		
FRP #1	SUPPORT ROOM FIBERGLASS REINFORCED POLYESTER PANELS	MARLITE #P-100 - WHITE - CLASS A			OF MAR		
METAL M.	ATERIALS						
M-1	STOREFRONT METAL MATERIAL	MOZ DESIGNS — EXTERIOR GRADE SPECIAL A—POLYCOAT WITH SATIN FINISH — ELECTRIC RED — BRUSHED PATTERN	LINDA BARFIELD 510.444.0853		15786	Tos	
M-2	STAINLESS STEEL CHAIR RAIL BASE MATERIAL	, CHEMETAL BRUSHED STAINLESS STEEL WITH BACKER — #710	800.807.7341		Thuman Milling		
CASEWOR	L K MATERIALS			1			
SS-1	COUNTER TOP AT SWEET SPOT	AVONITE RUBY GLASS #K3-8420 GLOSS 07/04 800.250.4447	BY HENDERSON MILL AND FIXTURE - TIM NGO 800.307.3663				
ST-2	FRONT COUNTER TOP, APRON - TABLE TOPS		ACCEPTABLE SUBSTITUTE TO SS-2 SOLID SURFACE		Шч	_	
SS-2	FRONT COUNTER TOP, APRON - TABLE TOPS	SOLID SURFACE MATERIAL BY MYSTERA — INFINITY LINEAR VEINING WHITE CARRARA HS—117	PRIMARY COUNTER TOP SUBSTITUTE MUST BE APPROVED IN ADVANCE BY HAAGEN DAZS		ZS IT AVE	1	
L-1	FRONT COUNTER FACING MATERIAL — PLASTIC LAMINATE	FORMICA — CHERRY RIBBONWOOD #8451— WAX FINISH			HAAGENDAZS 7255 WOODMONT A	J	
L-2	CABINET FACINGS REAR OF FRONT LINE CABINETS	FORMICA #506-58 BEIGE GRAFIX			AGE VOOI		
L-6	SUPPORT ROOM CASEWORK	FORMICA #949-58 WHITE			HA S5 W		
	FRONT COUNTER METAL EDGING	STYLMARK PRODUCTS — 110099—218 BOTTOM TRIM 110023—218 VERTICAL REVEAL			728 RF	2	
	REAR CABINETS, COUNTERTOP AND BACKSPLASHES	304 STAINLESS STEEL - 16 GAUGE - #4 FINISH					
	MATERIALS	ADVOTDOVO "COM STORES		,			
C-1	CUSTOMER AREA LAY-IN CEILING	ARMSTRONG #8011 LEDGES — WHITE — 24" x 24" x 3/4" LAY—IN PANEL TILES — 877.276.7876	TEGULAR EDGE - INSTALL IN 15/16 WHITE GRID	"			
C-2	SUPPORT ROOM LAY-IN CEILING	USG #3720 WHITE VINYL FACED GYPBOARD 2' x 4' — INSTALL IN 15/16" WHITE GRID	USDA APPROVED CEILING MATERIAL FOR FOOD PREPARTION AREAS				
GRID #1	LAY-IN CEILING GRID	CHICAGO METALLIC SERIES 500 SNAP GRID SYSTEM — WHITE	FOR USE WITH C-1 AND C-2		ESIGN SERV	_	S
A. ALL		JLE NOTES: D AND INSTALLED BY GENERAL CONTRACT DATS PAINT OVER ONE (1) COAT PRIMER			PLUS, IN DESIGN, PLANNI AND DEVELOPME	NG	

B. PROVIDE A MINIMUM OF TWO (2) COATS PAINT OVER ONE (1) COAT PRIMER ON ALL WALLS SOFFITS, AND CEILINGS.

SCHEMATIC DOCUMENT CONSTRUCTION DOCUMENT

DOCUMENT DOCUMENT DOCUMENT

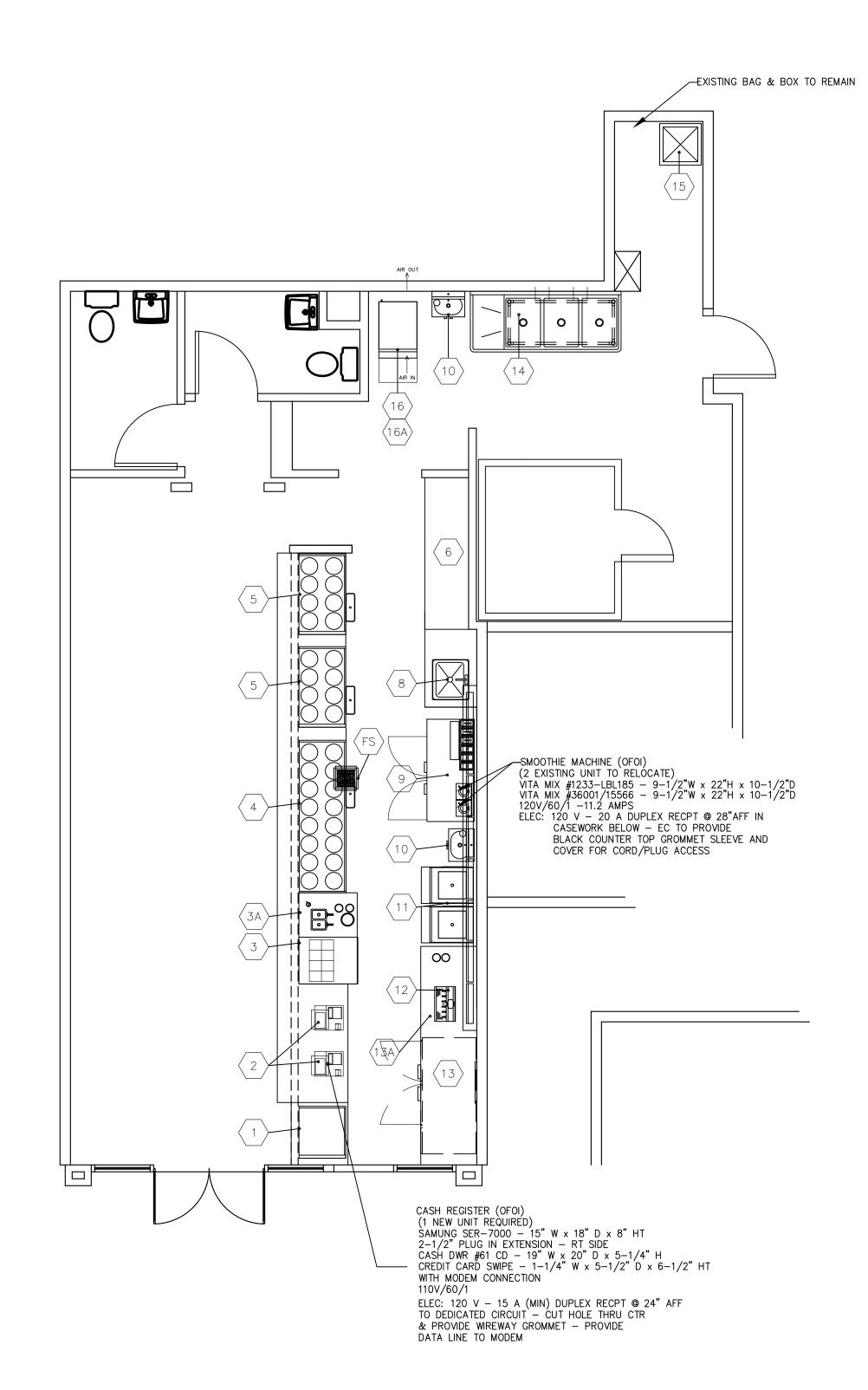
12.10.09 02.01.10

SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE HANDICAPPED TOILET WALL ELEVATION

	DRAWN SM	ISSUED 04-11-2011
RECORD :	CHECKED SM	SCALE 1/4° =1'-0°
TRACT DOCUMENT END	APPR. SM	DWG NO.
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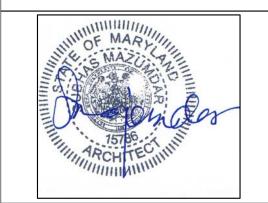
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Item No		Equipment Category	Manufacturer	Model Number	Equip Dimensions	Amps	X d	Volts	Phase Cycle	Direct Plug	NEMA	Electrical AFF (in) Electrical ACH (in)	Electrical Rough—In	Cold Water Size (in)	Cold Water AFF (in)	Cold Water ACH (in)	Hot Water Size (in) Hot Water	AFF (in) Hot Water ACH (in)	Direct Drain Size (in)	Size (in)	Size (in)	МВТИН	Gas AFF (in)	Gas Rough-In	Equipment Remarks	Item No	
1		EXISTING TO REMAIN	_	-						'													\longrightarrow		EXISTING TO REMAIN	1	
2	2	CASH REGISTER	SAMSUNG	-		15		120	1 60	<u> x '</u>	5-15P	24											\longrightarrow			2	
3	1	CUSTOM	SWEET SPOT							 '													\longrightarrow			3	_
3A		Refrigerator, Sandwich/Salad Prep	Victory	UR-27-SAL		5.7	0.2	115	1 60	$\overline{}$	10 .0.	 											\longrightarrow			3A	
4		DIPPING CABINET	KELVINATOR	CKDC-87		10.5	 	115	1 60	$\overline{}$	1 0 101	 								1.5			\longrightarrow			4	
5		DIPPING CABINET	KELVINATOR	KDC-47		4	.33	115	1 60	X	5-15P	18								1.5			\longrightarrow			5	
6	1	SS TABLE	сиѕтом	CUSTOM						 '													\longrightarrow			6	-
7	1	MILLWORK TABLE	_	CUSTOM						'																7	L
8	1	Sink, Drop-In	Advance Tabco	DI-1-2012						'				0.5	24		(0.5								8	
9	1	Milk Cooler	Beverage-Air	MS58-W						1 '																9	١,
10	2	Sink, Hand, Wall Mount	Eagle Group/Metal Masters	HSA-10-FDPK						T '				0.5	24		(0.5	1.5							10	<u>'</u>
11	2	SOFTSERV	TAYLOR	794		35	2/1.5	120/208	3 60	X		18														11	
12	1	SODA DISPENSER	Glasstender	BT-6-MF		6.9	0.2	115	1 60	X	5-15P	18							1.5						COORD W/ MILLWORK FAB	12	-
13	1	Refrigerator, Undercounter	Beverage-Air	UCR67A		6.3	0.25	115	1 60	X	5-15P	12														13	
13A	1	MILLWORK	MILLWORK	CUSTOM																						13A	
14	1	Sink, Scullery, 3 Compartments	Eagle Group/Metal Masters	EXISTING																					EXISTING TO REMAIN	14	
15	1	mop sink	_	EXISTING		15		115	1 60	X															EXISTING TO REMAIN	15	
16	1	lce Maker w/o Bin	Hoshizaki America	KM-650MAH-E		9.0		220	1 50	X		35		0.5		34			С	.75						16	
																			0.	.375							
16A	1	Bin, Ice	Hoshizaki America	B-300SF															C	.75						16A	-
FS	1	FLOOR DRAIN	Advance Tabco	FDR-1212																						FS	

REVISIONS

DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

PROFESSIONAL CERTIFICATION

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 15786, EXPIRATION DATE: 05-06-2011



HAAGENDAZS 7255 WOODMONT AVE BETHESDA, MD 20814



DESIGN SERVICES PLUS, INC.

DESIGN, PLANNING AND DEVELOPMENT

SUITE 700 101 CONVENTION CENTER DR. LAS VEGAS, NV

EQUIPMENT LAYOUT & SCHEDULE

	CAD FILE NAME	-	
	DRAWN SM	ISSUED 04-11-2011	_
	CHECKED SM	SCALE 1/4" =1'-0"	
END	APPR. SM	DWG NO.	
	PROJECT NO.		
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1 EQUIPMENT LAYOUT PLAN

EQ-1 SCALE: 1/4" = 1'-0"

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VISIT THE JOB SITE PRIOR TO SUBMITTING BID WITH AN AUTHORIZED REPRESENTATIVE. COORDINATE WORK WITH THE LAND LORD WITH REGARD TO TEMPORARY UTILITIES, ALLOWABLE MATERIAL, TRAFFIC ROUTES, STORAGE OF TOOLS AND MATERIALS, USE OF TOILET FACILITIES, HOURS IN WHICH WORK IS ALLOWED, NOISE AND DUST CONTROL, CLEANUP AND OTHER MATTERS.

REVIEW WITH THE LANDLORD'S REPRESENTATIVE THE MANNER IN WHICH ALL CONNECTIONS TO STRUCTURE WILL BE MADE. NEW PENETRATIONS IN THE BUILDING ENVELOPE OR STRUCTURE SHALL BE REVIEWED WITH THE LANDLORD AND APPROVED IN WRITING. IF THE LANDLORD REQUIRES THAT PORTIONS OF WORK BE PERFORMED BY ITS OWN CONTRACTOR, INCLUDE COSTS ASSOCIATED WITH THAT PORTION OF THE WORK IN BID UNLESS STATED OTHERWISE IN WRITING BY TENANT.

DURING PERFORMANCE OF WORK, BE RESPONSIBLE FOR PROVISION AND MAINTENANCE OF WARNING SIGNS, LIGHT SIGNAL DEVICES, GUARD LIGHTS, BARRICADES, GUARD RAILS, FENCES AND OTHER DEVICES, APPROPRIATELY LOCATED ON AND AROUND THE JOB SITE WHICH GIVE PROPER AND UNDERSTANDABLE WARNING TO PERSONS WITH REGARD TO HAZARDOUS CONDITIONS, EQUIPMENT AND OPERATIONS BEING PERFORMED IN CONJUNCTION WITH THE WORK.

EXISTING CONDITIONS AND DIMENSIONS MAY BE TAKEN FROM INFORMATION FURNISHED BY THE LANDLORD. VERIFY LEASE SPACE DIMENSIONS AND IDENTIFY DISCREPANCIES BETWEEN BUILDING ELEMENTS AND DRAWINGS BEFORE COMMENCING CONSTRUCTION. DISCREPANCIES FOUND ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF PROJECT ARCHITECT NO LATER THAN (15) WORKING DAYS PRIOR TO CONSTRUCTION START DATE. DISCREPANCIES IDENTIFIED DURING BIDDING WILL BE CLARIFIED BY

DISCREPANCIES IDENTIFIED DURING CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF PROJECT ARCHITECT. REQUIRED ACTION SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER CONSTRUCTION MANAGER.

ACCOMPLISH THE WORK IN COMPLIANCE WITH THE RESTRICTIONS AND REQUIREMENTS OF THE LANDLORD. WORK SHALL CONFORM WITH THE AMERICANS WITH DISABILITIES ACT AND APPLICABLE LOCAL AND STATE HANDICAPPED DISABILITY DESIGN REQUIREMENTS. VERIFY THAT THE WORK COMPLIES WITH ALL APPLICABLE LOCAL AND STATE FIRE, SAFETY, HEALTH, ENERGY AND BUILDING CODE REQUIREMENTS.

REMOVE CONSTRUCTION RUBBISH, SCAFFOLDING, EQUIPMENT, TEMPORARY PROTECTION, TEMPORARY FIELD STRUCTURES, AND OTHER MATERIALS OR EQUIPMENT THAT WAS REQUIRED IN CONNECTION WITH THE CONSTRUCTION, BUT NOT A PERMANENT PART THEREOF.

SCAFFOLDING SHALL BE BUILT IN ACCORDANCE WITH REQUIREMENTS OF FEDERAL, STATE, AND LOCAL LAWS. TEMPORARY SHORING REQUIRED FOR THE REMOVAL OF EXISTING WORK FOR THE INSTALLATION OF NEW WORK SHALL BE INCLUDED IN THE CONTRACT. BE RESPONSIBLE FOR THIS WORK, CORRECT AND REPAIR DAMAGES CAUSED BY IMPROPER SUPPORT OR FAILURE OF SHORING.

MAINTAIN ORDERLY HOUSEKEEPING DURING CONSTRUCTION, AND UPON SUBSTANTIAL COMPLETION PERFORM FINAL CLEANUP. FINAL CLEANUP SHALL INCLUDE THE FOLLOWING: SWEEP, DAMP MOP, AND WAX RESILIENT FLOORING. DUST, DIRT, PAINT DRIPPINGS, OIL, GREASE, AND OTHER BLEMISHES SHALL BE REMOVED FROM FINISHED SURFACES, INCLUDING PIPES AND EQUIPMENT. WINDOWS, GLASS UNITS, GLASS DOORS AND MIRRORS SHALL BE WASHED. PAINT OVERRUNS AND PUTTY SMEARS SHALL BE REMOVED. AND HARDWARE SHALL BE RUBBED CLEAN WITH FLANNEL CLOTH.

BE RESPONSIBLE FOR JOB SITE SAFETY AND WARRANT THAT THIS INTENT SHALL BE MADE EVIDENT.

MANUFACTURER'S OF SPECIFIED ITEMS ARE NOTED FOR QUALITY AND DESIGN. SUBSTITUTE PRODUCTS ARE SUBJECT TO APPROVAL BY BOJANGLE'S CONSTRUCTION MANAGER. THE CONTRACTOR IS ENCOURAGED TO SUBMIT ALTERNATE PRODUCTS FOR CONSIDERATION IN AN EFFORT TO REDUCE THE CONSTRUCTION COST OR TIME. REASONABLE REQUESTS WILL BE REVIEWED FOR COMPLIANCE WITH THE INTENT OF THE CONSTRUCTION DOCUMENTS.

PRODUCTS AND MATERIALS SHALL BE INSTALLED IN STRICT CONFORMANCE WITH THE MANUFACTURER'S PUBLISHED RECOMMENDATIONS. PROVIDE A COPY OF THE MANUFACTURER'S INSTALLATION RECOMMENDATIONS UPON REQUEST OF BOJANGLE'S CONSTRUCTION MANAGER.

APPLICABLE STANDARDS OF CONSTRUCTION INDUSTRY HAVE THE SAME FORCE AND EFFECT ON PERFORMANCE OF THE WORK AS IF COPIED DIRECTLY INTO CONTRACT DOCUMENTS OR BOUND AND PUBLISHED THEREWITH. COMPLY WITH STANDARDS IN EFFECT ON THE DATE OF ISSUE OF THE CONTRACT DOCUMENTS, UNLESS OTHERWISE INDICATED.

UPON COMPLETION OF THE WORK, COMPILE FOR AND DELIVER TO CONSTRUCTION MANAGER A COMPLETE SET OF RECORD DOCUMENTS. THIS SET OF DOCUMENTS SHALL CONSIST OF RECORD SPECIFICATIONS AND RECORD DRAWINGS SHOWING THE REPORTED LOCATION OF THE

WARRANT MATERIALS AND WORKMANSHIP FOR A PERIOD OF (1) YEAR FROM DATE OF ACCEPTANCE BY CONSTRUCTION MANAGER.

01110 SUMMARY OF WORK

- A. THE WORK OF THIS PROJECT INCLUDES CONSTRUCTION WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN. BUT NOT NECESSARILY LIMITED TO GENERAL CONSTRUCTION, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION WORK.
- B. EXECUTE THE WORK DESCRIBED IN THESE SPECIFICATIONS AND SHOWN ON THE DRAWINGS, AND OTHER WORK NECESSARY TO COMPLETE THE PROJECT, IN A THOROUGHLY SUBSTANTIAL AND WORKMANLIKE MANNER, BY PERSONS THOROUGHLY EXPERIENCED IN THEIR PARTICULAR TRADE
- C. FIELD VERIFY DIMENSIONS OF EXISTING CONDITIONS, IF ANY, THAT AFFECTS THE WORK. TAKE RESPONSIBILITY FOR THE CORRECTNESS OF MEASUREMENTS AND VERIFY GRADES, LINES, LEVELS, ELEVATIONS, AND DIMENSIONS SHOWN PRIOR TO COMMENCING WORK.
- D. CONSULT DRAWINGS AND PLAN WORK SO THAT THE EXCAVATED MATERIAL, DEMOLISHED MATERIAL, NEW BUILDING MATERIALS, ETC. ARE NOT PLACED WHERE THEY WILL INTERFERE WITH THE WORK OF OTHERS, OR WITH EXISTING TENANTS.
- E. SHOULD IT APPEAR THAT THE WORK INTENDED TO BE DESCRIBED OR RELATED WORK ARE NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THE DRAWINGS, OR IN THE SPECIFICATIONS, CONSULT THE ARCHITECT FOR NECESSARY CLARIFICATIONS, AND CONFORM TO THOSE CLARIFICATIONS INSOFAR AS THEY ARE CONSISTENT WITH THE ORIGINAL DRAWINGS AND SPECIFICATIONS. IN NO CASE SHALL WORK PROCEED IN UNCERTAINTY. THOSE PERFORMING WORK AS A SUBCONTRACTOR MUST EXAMINE SUBSTRATES AND CONDITIONS UNDER WHICH THE WORK IS TO BE
- PERFORMED AND NOTIFY THE CONTRACTOR IN WRITING, OF CONDITIONS DETRIMENTAL TO THE PROPER AND TIMELY COMPLETION OF THE WORK. COMMENCEMENT OF WORK BY A TRADE ON A SURFACE OR CONSTRUCTION SHALL IMPLY ACCEPTANCE OF SUCH SURFACE OR CONSTRUCTION. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- G. CERTAIN SCHEDULES OF MATERIAL, DIAGRAMS OF MAINS AND RISERS, AND SIMILAR INFORMATION MAY ACCOMPANY THE DRAWINGS IN ORDER TO ACCOMMODATE THE CONTRACTOR AND SUBCONTRACTORS, AND TO AVOID A CONFUSING AMOUNT OF LETTERING ON THE DRAWINGS. THESE ARE INTENDED TO TO BE USED IN CONJUNCTION WITH THE DRAWINGS AND SPECIFICATIONS, BUT ARE NOT TO BE INTERPRETED IN ANY MANNER AS MODIFYING OR RESTRICTING SUCH DRAWINGS OR THE SPECIFICATIONS. SCHEDULES OF MATERIALS OR ROOM FINISHES ARE FURNISHED AS A CONVENIENCE ONLY, AND THERE IS NO GUARANTEE THAT ANY SCHEDULE INCLUDES ALL OF THE WORK OR MATERIALS REQUIRED BY THE DRAWINGS AND SPECIFICATIONS.
- H. TENANT FURNISHED-CONTRACTOR INSTALLED PRODUCTS

(MATERIALS, PRODUCTS OR EQUIPMENT)

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING, STORING, HANDLING, AND INSTALLING ITEMS PROVIDED BY FAMOUS FOOTWEAR. CONTRACTOR SHALL INSPECT SHIPMENTS UPON DELIVERY FOR DAMAGE AND SHALL VERIFY THAT QUANTITIES ARE ACCURATE AND IN COMPLIANCE WITH BILL OF LADING. CONTRACTOR SHALL BE RESPONSIBLE FOR FILING SHIPPING DAMAGE CLAIMS AGAINST THE CARRIER IN CASE OF RECEIPT OF DAMAGED ITEMS. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF OF DAMAGED ITEMS UPON ACCEPTANCE OF DELIVERY AT PROJECT SITE. CONTRACTOR SHALL PROTECT THE ITEMS FROM DAMAGE THROUGHOUT THE CONSTRUCTION PERIOD UNTIL TURN OVER OF SPACE TO FAMOUS
- FOOTWEAR. 2. TENANT WILL FURNISH THE PRODUCTS AS DELINEATED IN THE SCHEDULE OF RESPONSIBILITIES ON SHEET A-1. THESE PRODUCTS WILL BE DELIVERED TO THE SITE WHERE THE CONTRACTOR SHALL RECEIVE, UNLOAD, STRIP AND INSTALL THEM.
- I. TENANT PROVIDED PRODUCTS (MATERIALS, PRODUCTS, OR EQUIPMENT)
 - 1. TENANT WILL PROVIDE, FURNISH AND INSTALL CERTAIN ITEMS AS DELINEATED IN THE SCHEDULE OF RESPONSIBILITIES ON SHEET A-1 THE CONTRACTOR SHALL COORDINATE HIS WORK WITH WORK BEING PERFORMED BY FAMOUS FOOTWEAR'S VENDORS, INSTALLERS, AND SUBCONTRACTORS.

01110 CUTTING AND PATCHING

- A. REQUIREMENTS FOR STRUCTURAL WORK. DO NOT CUT AND PATCH STRUCTURAL ELEMENTS IN A MANNER THAT WOULD CHANGE THEIR LOAD-CARRYING CAPACITY OR LOAD-DEFLECTION RATIO.
- B. OPERATIONAL LIMITATIONS: DO NOT CUT AND PATCH OPERATING ELEMENTS OR RELATED COMPONENTS IN A MANNER THAT WOULD RESULT IN INCREASED MAINTENANCE OR DECREASED OPERATIONAL LIFE OR DECREASED SAFETY.
- C. VISUAL REQUIREMENTS: DO NOT CUT AND PATCH CONSTRUCTION EXPOSED ON THE EXTERIOR OR IN OCCUPIED SPACES IN A MANNER THAT WOULD. IN THE ARCHITECT'S OPINION. REDUCE THE BUILDING'S AESTHETIC QUALITIES. DO NOT CUT AND PATCH CONSTRUCTION IN A MANNER THAT WOULD RESULT IN VISUAL EVIDENCE OF CUTTING AND PATCHING. REMOVE CONSTRUCTION CUT AND PATCH IN A VISUALLY SATISFACTORY MANNER, AND REPLACE WITH A
- CONSTRUCTION VISUALLY ACCEPTABLE TO THE ARCHITECT. D. USE MATERIALS IDENTICAL TO EXISTING MATERIALS. FOR EXPOSED SURFACES, USE MATERIALS THAT VISUALLY MATCH EXISTING ADJACENT SURFACES INSOFAR AS POSSIBLE. IF IDENTICAL MATERIALS ARE UNAVAILABLE OR CANNOT BE USED, USE MATERIALS WHOSE INSTALLED PERFORMANCE WILL EQUAL OR SURPASS THAT OF EXISTING MATERIALS.
- E. TEMPORARY SUPPORT: PROVIDE ADEQUATE TEMPORARY SUPPORT OF
- WORK TO BE CUT. F. PROTECT EXISTING CONSTRUCTION DURING CUTTING AND PATCHING TO PREVENT DAMAGE. PROVIDE PROTECTION FROM ADVERSE WEATHER CONDITIONS FOR PORTIONS OF THE PROJECT THAT MIGHT
- BE EXPOSED DURING CUTTING AND PATCHING OPERATIONS. H. AVOID CUTTING EXISTING PIPE, CONDUIT, OR DUCTWORK SERVING THE BUILDING BUT SCHEDULED TO BE REMOVED OR RELOCATED UNTIL PROVISIONS HAVE BEEN MADE TO BYPASS THEM. . PERFORMANCE: EMPLOY SKILLED TRADES PERSONS TO PERFORM CUTTING AND PATCHING. PROCEED WITH CUTTING AND PATCHING

AT THE EARLIEST FEASIBLE TIME AND COMPLETE WITHOUT DELAY.

1. CUT EXISTING CONSTRUCTION TO PROVIDE FOR INSTALLATION OF OTHER COMPONENTS OR PERFORMANCE OF OTHER CONSTRUCTION ACTIVITIES AND THE SUBSEQUENT FITTING AND PATCHING REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION. 2. RESTORE WORK WHICH HAS BEEN CUT OR REMOVED. PERFORM FITTING AND ADJUSTMENT OF MATERIALS TO PROVIDE A FINISHED

INSTALLATION TO COMPLY WITH SPECIFIED MATERIALS, FUNCTIONS,

02060 EXISTING CONDITIONS

FINISHES, AND TOLERANCES.

- A. CONTRACTOR IS TO VISIT THE SITE TO INSPECT THE EXISTING CONDITIONS AND TO VERIFY THE AMOUNT OF WORK THAT WILL BE NECESSARY FOR THE PROJECT TO BE COMPLETED AS SHOWN ON THE ARCHITECTURAL AND ENGINEERING DRAWINGS.
- B. CONTRACTOR IS TO VERIFY CONDITION OF EXISTING COMPONENTS WHEN THEY ARE TO BE REUSED. THESE SHALL BE OPERATIONAL AND FREE OF AESTHETIC FLAWS AND SUITABLE FOR THEIR INTENDED USE. REFER ANY QUESTIONS TO FAMOUS FOOTWEAR'S CONSTRUCTION MANAGER. IF THERE IS DOUBT CONCERNING THE ACCEPTABILITY OF ANY COMPONENT.

- C. CONDITION OF STRUCTURES: TENANT ASSUMES NO RESPONSIBILITY FOR THE ACTUAL CONDITION OF STRUCTURES TO BE DEMOLISHED.
- D. NOTIFY BOJANGLE'S CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY UPON ENCOUNTERING UNEXPECTED CONCEALED CONDITIONS AND, EXCEPT IN AN EMERGENCY, BEFORE THE ENCOUNTERED CONDITIONS ARE DISTURBED
- E. CONTRACTOR IS TO VERIFY ELEVATION AND CONDITION OF EXISTING FLOOR SUBSTRATE AND CORRECT ANY UNACCEPTABLE CONDITIONS SUCH AS: A VARIATION OF 1/2" OR MORE OVER THE ENTIRE PROJECT, THE SLAB IS 1/8" PER 10 FEET OR GREATER IN ANY AREA OF THE PROJECT, OR IF ROUGH OR UNSTABLE SUBSTRATE SURFACES ARE ENCOUNTERED.

02220 SELECTIVE DEMOLITION

A. COMPLY WITH LAWS, RULES AND REGULATIONS OF GOVERNMENTAL AUTHORITIES HAVING JURISDICTION OVER THE DEMOLITION WORK. B. PERFORM THE DEMOLITION WORK IN ACCORDANCE WITH ANSI/NEPA

241, SAFEGUARDING BUILDING CONSTRUCTION AND DEMOLITION

- OPERATIONS. C. ENVIRONMENTAL REQUIREMENTS
- 1. COMPLY WITH GOVERNING REGULATIONS PERTAINING TO ENVIRONMENTAL PROTECTION. 2. USE WATER SPRINKLING, TEMPORARY ENCLOSURES, AND OTHER SUITABLE METHODS TO CONTROL DUST AND DIRT IN THE AIR.
- D. SEQUENCE AND SCHEDULE DEMOLITION OPERATIONS AND NEW GENERAL CONSTRUCTION WORK WITH THE CONTRACTOR.
 - 1. ADJACENT BUSINESSES WILL REMAIN OPEN AND IN OPERATION DURING THE NORMAL BUSINESS HOURS. THE CONTRACTOR WILL REVIEW THE PROPOSED DEMOLITION SCHEDULE WITH THE LANDLORD. DO NOT PROCEED WITH DEMOLITION OPERATIONS UNTIL SCHEDULE HAS BEEN REVIEWED AND APPROVED BY THE LANDLORD AND THE CONTRACTOR.
 - A) PROVIDE NOT LESS THAN 72 HOURS ADVANCE NOTICE OF UNAVOIDABLE INTERRUPTIONS IN EXISTING UTILITIES SERVICE AND OTHER SERVICES.
- E. PROVIDE TEMPORARY BARRICADES, CANOPIES, FENCES, RAILINGS, LIGHTS, SHEDS, AND SIMILAR TEMPORARY CONSTRUCTION, REQUIRED TO PROTECT THE WORKMEN, TENANT'S PERSONNEL AND OTHERS FROM INJURY DUE TO THE DEMOLITION WORK. PROVIDE FREE AND SAFE PASSAGE OF PERSONS TO AND FROM BUILDINGS AND FACILITIES WHICH ARE TO REMAIN. ALL WORK IS TO BE IN COMPLIANCE WITH OSHA, FEDERAL AND LOCAL GOVERNMENTAL
- REQUIREMENTS. F. ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, DRIVEWAYS, SIDEWALKS, AND ADJACENT FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, DRIVEWAYS, SIDEWALKS, ALLEYS, OR PASSAGEWAYS WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. MAINTAIN REGULAR TRAFFIC FLOW AROUND THE SITE UNLESS OTHERWISE DIRECTED.
- G. PROMPTLY REMOVE DEBRIS FROM PREMISES. DO NOT BURN DEBRIS ON THE SITE. PROVIDE DUST-TIGHT PARTITION AREAS WHERE DEMOLITION WORK IS BEING PERFORMED. WITHIN AREAS WHICH ARE FINISHED OR IN USE PROVIDE NOT LESS THAN 4" NOMINAL METAL OR WOOD STUD PARTITIONS WITH 1/2" PLYWOOD SHEATHING ONE SIDE (FINISHED OR OCCUPIED SIDE). JOINTS OF SHEATHING SHALL BE SEALED AND AIR TIGHT. PERIMETER JOINTS OF PARTITIONS SHALL BE SEALED AND DOORS WEATHERSTRIPPED. DO NOT FASTEN OR OTHERWISE SECURE PARTITIONS TO EXISTING FINISHED FLOOR, WALLS OR CEILINGS UNLESS OTHERWISE APPROVED BY THE
- H. AFTER FLOOR COVERINGS ARE REMOVED, THOROUGHLY REMOVE ADHESIVES BY MECHANICAL PROCESS OR A COMBINATION OF MECHANICAL AND CHEMICAL PROCESSES SUCH THAT WHEN COMPLETED, FLOORS ARE READY TO RECEIVE NEW FLOOR COVERINGS WHETHER SCHEDULED OR NOT.
 - 1. CHEMICAL PROCESS IF USED, SHALL NOT INTERFERE WITH SUBSEQUENT BOND OF ADHESIVES USED FOR NEW FLOOR COVERINGS.
- I. LEAVE EACH AREA BROOM CLEAN UPON COMPLETION OF THE DEMOLITION WORK. CLEAN ADJACENT FACILITIES OF DUST, DIRT AND DEBRIS RESULTING FROM DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO THE START OF THE WORK.

06100 ROUGH CARPENTRY

A. LUMBER STANDARDS: COMPLY WITH DOC PS20-94, AMERICAN SOFTWOOD LUMBER STANDARD, AND WITH APPLICABLE GRADING RULES OF INSPECTION AGENCIES CERTIFIED BY ALSC'S BOARD OF B. MATERIALS

LUMBER

- A) GRADE: NO. 1 DOUGLAS FIR NO. 2 YELLOW PINE. MOISTURE CONTENT: 19 PERCENT MAXIMUM DOOR LUMBER 2" OR LESS NOMINAL THICKNESS. B) SURFACING: SURFACE 4 SIDES (S4S).
- 2. PLYWOOD: SOFTWOOD PLYWOOD: DOC PS 1-83.
- A) EXTERIOR GRADE PLYWOOD WHERE USED AS A BACKING MATERIAL IN EXTERIOR CONSTRUCTION: CDX.
- B) INTERIOR GRADE PLYWOOD WHERE APPEARANCE IS NOT A FACTOR OR WHERE CONCEALED AS A BACKING MATERIAL.
- EXCEPT IN MOISTURE AREAS: C-D INT-APA. C) IN INTERIOR AREAS WHERE MOISTURE IS PRESENT: CDX.
- 3. FIRE-RETARDANT TREATED WOOD
- A) LUMBER: AWPA C20093 B) PLYWOOD: AWPA C27-93
- 4. PRESERVATIVE TREATED WOOD
- A) LUMBER: AWPA C2-93 B) PLYWOOD: AWPA C9-93

A. INSTALLATION

- 1. FRAME WOOD MEMBERS TO A CLOSE FIT, SET ACCURATELY TO REQUIRED LINES AND LEVELS AND SECURE RIGIDLY IN PLACE. CUT AND FIT FRAMING, BLOCKING, AND SIMILAR ITEMS TO
- ACCOMMODATE OTHER WORK. 2. PRESSURE-TREATED WOOD PRODUCTS
- A) PROVIDE PRESSURE TREATED WOOD FOR ALL FRAMING. BLOCKING, FURRING, NAILING STRIPS, BUILT INTO EXTERIOR MASONRY WALLS, WOOD IN CONTACT WITH CONCRETE AND IN CONJUNCTION WITH ROOFING.
- B) PROVIDE FIRE-RETARDANT TREATED WOOD FOR CONCEALED BLOCKING AND FOR EXPOSED LUMBER AND PLYWOOD IN HABITABLE SPACE.

06200 FINISH CARPENTRY

- A. INSTALLER: ENGAGE EXPERIENCED FINISH CARPENTERS ONLY, WHO HAVE COMPLETED FINISH CARPENTRY SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT, AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- B. WOODWORK SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE AWI QUALITY STANDARDS FOR CUSTOM GRADE AS
- ESTABLISHED BY THE ARCHITECTURAL WOODWORK INSTITUTE C. DO NOT INSTALL FINISH CARPENTRY WORK UNTIL INTERIOR CONCRETE AND MASONRY WORK, AND OTHER WET OPERATION ARE COMPLETE, THE BUILDING IS ADEQUATELY VENTILATED, AND PRIOR TEMPERATURE AND HUMIDITY CONDITIONS CAN BE MAINTAINED DURING AND AFTER INSTALLATION.

D. MATERIALS

- 1. HARDWOOD LUMBER (PAINTED FINISH): CLEAR, WITH NO VISIBLE DEFECTS WHICH MUST BE FILLED BEFORE PAINTING, COLOR AND
- GRAIN ARE NOT REQUIRED SELECTION CRITERIA. 2. HARDWOOD LUMBER (TRANSPARENT FINISH): CLEAR, WITH NO VISIBLE DEFECTS, AND WELL MATCHED FOR COLOR AND GRAIN.
- 3. HARDWOOD PLYWOOD AND VENEER (TRANSPARENT FINISH): CLEAR, WITH NO VISIBLE DEFECTS, AND WELL MATCHED FOR COLOR AND GRAIN, CONFORMING TO PRODUCT STANDARD PS
- 4. SOFTWOOD PLYWOOD: DOC PS 1 5. PARTICLE BOARD: ANSI A208.1, GRADE M-2 6. PLASTIC LAMINATE: GENERAL PURPOSE TYPE GP 50, COMPLYING WITH THE NEMA PUBLICATION NO. LD-3.
- A) COLORS AND PATTERNS: SELECTED BY THE ARCHITECT FROM MANUFACTURER'S STANDARD COLORS AND PATTERNS.

E. FABRICATION

- 1. FABRICATE STANDING AND RUNNING TRIM IN ACCORDANCE WITH
- AWI SECTION 300, CUSTOM GRADE. 2. FABRICATE PLASTIC LAMINATE VENEERED CABINETS, TOPS, CURBS, AND SILLS IN ACCORDANCE WITH AWI, SECTION 400, PREMIUM GRADE.

F. INSTALLATION

- 1. GENERAL: INSTALL FINISH CARPENTRY PLUMB, TRUE AND SQUARE IN A SUBSTANTIAL MANNER, FREE OF SLIVERS, OPEN JOINTS, HAMMER AND TOOL MARKS. BLIND NAIL FINISHED WORK INSOFAR AS POSSIBLE, AND SET SURFACE NAILS.
- A) TRIM AND MOLDINGS: INSTALL IN SINGLE, UNJOINTED LENGTHS FOR OPENING AND FOR RUNS LESS THAN 10 FEET. FOR LONGER RUNS, USE ONLY ONE PIECE LESS THAN 10 FEET IN STRAIGHT RUNS. STAGGER JOINTS IN ADJACENT MEMBERS. COPE AT RETURNS AND MITER AT CORNERS. WINDOW SILLS: ATTACH WINDOW SILLS SECURELY TO B) BLOCKING. SCRIBE TO WALLS.
- 2. MISCELLANEOUS
- A) FINISH HARDWARE: APPLY FINISH IN ACCORDANCE WITH HARDWARE MANUFACTURER'S RECOMMENDATIONS. FIT LOCK AND LATCH SETS IN THEIR RESPECTIVE DOORS AND REMOVE BEFORE FINISHING OF DOORS. REINSTALL HARDWARE AFTER FINISHING OF DOORS IS COMPLETED. UPON COMPLETION, ADJUST AND LUBRICATE HARDWARE FOR PROPER OPERATION. INSTRUCT TENANT'S CONSTRUCTION MANAGER IN THE PROPER USE, ADJUSTMENT AND MAINTENANCE OF
- HARDWARE. B) INSTALL SUCH ITEMS AS SIGNAGE, FIRE EXTINGUISHERS, TOILET ROOM ACCESSORIES, MISCELLANEOUS SPECIALTIES, AND OTHER ITEMS FURNISHED BY OTHERS REQUIRING FASTENERS, CUTTING, TRIMMING, AND SCRIBING OF FURNISHED MATERIALS OR FINISHED SUBSTRATE. INSTALL HARDWARE AND ACCESSORIES IN ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS, AND IN ACCORDANCE WITH ADDITIONAL RECOMMENDATIONS SPECIFIED UNDER THEIR RESPECTIVE SECTIONS.

07920 JOINT SEALANTS

A. MATERIALS

- 1. SEALANTS AND CAULKS
- A) SEALANT S1: ONE-PART POLYURETHANE, ASTM C920-95, TYPE S, GRADE NS, CLASS 25 (25 PERCENT
- B) MOVEMENT). SEALANT Ś2: ONE-PART SILICONE, MOLD AND MILDEW RESISTANT, ASTM C920-95, TYPE M. GRADE P. CLASS 25
- C) (25 PERCENT MOVEMENT). SEALANT S3: MULTIPLE COMPONENT, SELF-LEVELING
- POLYURETHANE, ASTM C920-95, TYPE M, GRADE P, D) CLASS 25 (25 PERCENT MOVEMENT). SEALANT S4: ONE-PART, NON SAG ACRYLIC LATEX, ASTM C834-95, (7-1/2 PERCENT MOVEMENT). SEALANT COLORS: SELECTED BY THE ARCHITECT FROM
- 2. JOINT FILLER: CLOSED CELL EXPANDED POLYETHYLENE TAPE OR BACKER ROD.

MANUFACTURER'S STANDARD SELECTIONS.

3. BOND BREAKER: POLYETHYLENE TAPE.

B. INSTALLATION

- 1. INSTALL MATERIALS IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTION, AND TO COMPLY WITH THE RECOMMENDATIONS OF ASTM C1193-91, LATEST EDITION, FOR USE OF JOINT SEALANTS AS APPLICABLE TO MATERIALS, APPLICATIONS, AND CONDITIONS INDICATED.
- A) JOINT WIDTH CONDITIONS: DO NOT INSTALL SEALANT WHERE JOINT WIDTHS ARE LESS THAN THOSE ALLOWED BY
- JOINT SEALANT MANUFACTURER FOR APPLICATIONS. B) JOINT SUBSTRATE CONDITIONS: DO NOT INSTALL SEALANTS UNTIL CONTAMINANTS WHICH WOULD IMPAIR BOND ARE REMOVED FROM JOINT SUBSTRATES.

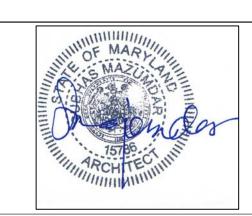
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2. LOCATIONS

- A) USE POLYURETHANE SEALANT (SEALANT S1) AT THE PERIMETER OF WINDOW FRAMES, DOOR FRAMES, MISCELLANEOUS FRAMES, CONDITIONS WHERE SEALANT IS IN CONTACT WITH THE EXTERIOR INSULATION AND FINISH SYSTEMS, FOR WALL CONSTRUCTION, CONTROL AND EXPANSION JOINTS.
- B) USE SILICONE SEALANT (SEALANT S2), MOLD AND MILDEW RESISTANT TYPE FOR USE AROUND PLUMBING FIXTURES AND AT JOINTS BETWEEN BACKSPLASHES AND WALLS. C) USE SELF LEVELING POLYURETHANE SEALANT (S3) FOR
- EXPANSION JOINTS IN PEDESTRIAN TRAFFIC BEARING SURFACES. D) USE BUTYL RUBBER SEALANT (S4) FOR BEDDING THRESHOLDS AND SILL PLATES. USE ACRYLIC LATEX CAULK (CAULK C1) FOR INTERIOR APPLICATIONS ONLY, EXCEPT FOR THE FOLLOWING
- 1. WHERE JOINT MOVEMENT IS EXPECTED IN EXCESS OF THE MATERIALS SPECIFIED CAPABILITIES, AND WHERE 2. A SEALANT IS OTHERWISE SHOWN OR SPECIFIED

ABOVE FOR USE.

APPLICATIONS:

08710 DOOR HARDWARE

A. COMPLY WITH:

- 1. AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) REQUIREMENTS, USE LATEST EDITION OF STANDARD AVAILABLE.
- A) A115.2 SPECIFICATION FOR STANDARD STEEL DOOR AND FRAME PREPARATION FOR BORED OR CYLINDRICAL LOCKS FOR 1 3/8" AND 1 3/4" DOORS.
- B) A115-W SERIES "SPECIFICATIONS FOR WOOD AND DOOR FRAME PREPARATION".
- C) A117.1 "BUILDING AND FACILITIES PROVIDING
- ACCESSIBILITY AND USABILITY FOR HANDICAPPED PEOPLE". D) A156 SERIES "DOOR HARDWARE SPECIFICATION".
- 2. MANUFACTURER: TO THE GREATEST EXTENT POSSIBLE, OBTAIN EACH KIND OF HARDWARE FROM ONLY ONE MANUFACTURER. 3. HARDWARE SUPPLIER SHALL BE AN AUTHORIZED DISTRIBUTOR OF MANUFACTURERS LISTED.
- 4. HARDWARE SUPPLIER SHALL BE RESPONSIBLE FOR THOROUGHLY DETAILING THE PROJECT TO ENSURE THAT THE ITEMS SPECIFIED WILL PROPERLY FUNCTION IN THE INDICATED LOCATIONS.
- 5. DOOR HARDWARE AND SCHEDULE: REFER TO DRAWINGS. FINISHES AS INDICATED ON DRAWINGS.
- 6. ACCESSORIES AND ATTACHMENTS A) FURNISH HARDWARE WITH SCREWS, THROUGH BOLTS AND OTHER FASTENINGS SUITABLE TO ASSURE PERMANENT ANCHORAGE. WHERE EXPOSED, FASTENINGS SHALL BE COUNTERSUNK OVAL-HEAD TYPE, (EXCEPT USE FLATHEAD FOR HINGES), AND SHALL MATCH FINISH OF HARDWARE BEING ATTACHED. PROVIDE CONCEALED FASTENINGS WHEREVER POSSIBLE. HARDWARE SHALL NOT BE ATTACHED WITH SELF-TAPPING SCREWS AND SHEET METAL SCREWS. DOOR CLOSERS, CLOSER ARMS, DOOR HOLDERS, HOLDER ARMS AND DOOR STOPS SHALL BE SECURED TO DOORS AND FRAMES WITH FASTENERS SUPPLIED BY THE MANUFACTURER. FLOOR TYPE STOPS AND HOLDERS SHALL BE FASTENED TO THE FLOOR WITH MACHINE SCREWS INTO EXPANSION SHIELDS.
- 1. INSTALL EACH HARDWARE ITEM IN COMPLIANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTION AND RECOMMENDATIONS AT MOUNTING HEIGHTS CONFIRMING TO THE RECOMMENDED MOUNTING LOCATIONS OF THE BUILDERS' HARDWARE MANUFACTURERS ASSOCIATION, AND THE AMERICAN DISABILITIES ACT. WHEREVER CUTTING AND FITTING IS REQUIRED TO INSTALL HARDWARE ONTO AND INTO SURFACES WHICH ARE LATER TO BE PAINTED OR FINISHED IN ANOTHER WAY, INSTALL EACH ITEM COMPLETELY AND THEN REMOVE AND STORE IN A SECURE PLACE DURING THE FINISH APPLICATION. AFTER COMPLETION OF THE FINISHES, REINSTALL EACH ITEM. DO NOT INSTALL SURFACE-MOUNTED ITEMS UNTIL FINISHES HAVE BEEN COMPLETED ON THE
- SUBSTRATE.
 SET UNITS LEVEL, PLUMB, AND TRUE TO THE LINE AND LOCATION. ADJUST AND REINFORCE THE ATTACHMENT SUBSTRATE AS NECESSARY FOR PROPER INSTALLATION AND OPERATION.
- 3. MORTISE AND CUT TO CLOSE TOLERANCE AND CONCEAL EVIDENCE OF CUTTING IN THE FINISHED WORK. DRILL AND COUNTERSINK UNITS WHICH ARE NOT FACTORY -PREPARED FOR ANCHORAGE FASTENERS. SPACE FASTENERS AND ANCHORS IN ACCORDANCE WITH INDUSTRY
- STANDARDS. AT FINAL COMPLETION, ADJUST AND CHECK EACH OPERATING ITEM OF HARDWARE AND EACH DOOR TO ENSURE PROPER OPERATION AND FUNCTION OF EVERY UNIT. LUBRICATE MOVING PARTS WITH THE TYPE LUBRICATION RECOMMENDED BY MANUFACTURER (GRAPHITE TYPE IF NOT SPECIFICALLY RECOMMENDED).
- 6. REPLACE UNITS WHICH CANNOT BE ADJUSTED AND LUBRICATED TO OPERATE FREELY AND SMOOTHLY AS INTENDED FOR THE APPLICATION MADE, WITH NEW 7. HARDWARE.
- INSTRUCT FAMOUS FOOTWEAR'S CONSTRUCTION MANAGER OF PROPER ADJUSTMENT AND MAINTENANCE OF HARDWARE AND HARDWARE FINISHES DURING THE FINAL ADJUSTMENT OF HARDWARE.

09250 GYPSUM WALLBOARD

A. CODES AND STANDARDS:

- 1. GYPSUM ASSOCIATION (GA) "RECOMMENDED SPECIFICATION FOR THE APPLICATION AND FINISHING OF GYPSUM WALLBOARD," GA-216, UNLESS OTHERWISE SPECIFIED HEREIN GYPSUM ASSOCIATION (GA) "RECOMMENDED SPECIFICATION: LEVELS OF GYPSUM BOARD FINISH" GA-214 JOINTLY PUBLISHED BY AWCI, CISCA, AND PDCA.
- 2. ASTM C645, "STANDARD SPECIFICATION FOR NON-LOADBEARING (AXIAL) STEEL STUDS, RUNNERS (TRACK), AND RIGID FURRING CHANNELS FOR SCREW APPLICATION OF GYPSUM BOARD". 3. ASTM C754 "STANDARD SPECIFICATION FOR INSTALLATION OF STEEL FRAMING MEMBERS TO RECEIVE SCREW ATTACHED GYPSUM". COLD-FORMED METAL FRAMING AND RELATED WORK SHALL BE DESIGNED OF COLD-FORMED STEEL STRUCTURAL MEMBERS.

B. MATERIALS:

- CONFORMING TO ASTM C-36, AND DELIVERED TO THE JOB SITE WITH END TAPERS BEARING UNDERWRITERS LABORATORIES LABEL, WITH THE CORRECT DESIGN NUMBER FOR THESE DRAWINGS AND SPECIFICATION UNLESS SHOWN DIFFERENTLY ON PLANS. WATER-RESISTANT BOARD, 5/8" THICK, TAPERED EDGES, ASTM
- 1. SCREWS: TYPE S, BUGLE HEAD, LENGTH AS REQUIRED. CONFORMING TO ASTM C-646.
- 2. STEEL STUDS AND RUNNERS: ASTM C645. 3. GYPSUM WALLBOARD: TAPERED EDGE, 5/8" THICK.
- A) REGULAR: ASTM C36
- B) TYPE X: ASTM C36 C) MOISTURE RESISTANT: ASTM C630.
- 4. TREATMENT MATERIALS: JOINT TYPE AND COMPOUND AS RECOMMENDED BY WALLBOARD MANUFACTURER, CONFORMING TO ASTM C-474-5. CORNER BEADS, METAL TRIM, AND OTHER ACCESSORIES
- SHALL BE GALVANIZED STEEL. 5. USE 1/2" TILE BACKER BOARD (USG DUROCK OR APPROVED EQUAL) AS A SUBSTRATE FOR TILE TO BE APPLIED TO VERTICAL SURFACES UNLESS OTHERWISE INDICATED.
- 6. VERIFY THAT THE EXISTING WALL SURFACE IS SMOOTH AND SUITABLE AS A SUBSTRATE FOR THE FINISHES
- LISTED ON THE FINISH SCHEDULE. 7. Z-FURRING CHANNELS: 26 GAUGE (0.0179" MINIMUM), HOT DIPPED GALVANIZED STEEL, SLOTTED WEB, 3/4" AND 1-1/4" FLANGE WIDTHS.
- 8. ACCESSORIES: CORNER REINFORCEMENTS, CASING BEADS AND METAL TRIMS. FABRICATED FROM 0.012" (MINIMUM) GALVANIZED SHEET STEEL WITH PERFORATED FLANGES, DESIGNED TO RECEIVE JOINT COMPOUND. 9. CONTROL JOINTS: ROLL-FORMED ZINC, OR EXTRUDED VINYL
- AS MANUFACTURED BY GYPSUM WALLBOARD 10. MAQUSTICTURE BRALANT: AS MANUFACTURED BY GYPSUM
- WALLBOARD MANUFACTURER. 11. STEEL FRAMING: ASTM C754.

12. FINISHING: GA-214.

C. INSTALLATION:

- 1. INSTALL WATER-RESISTANT GYPSUM WALLBOARD IN
- HIGH-MOISTURE AREAS SUCH AS TOILET ROOMS. 2. GYPSUM WALL BOARD INSTALLED ON METAL STUDS TO BE FASTENED WITH POWER DRIVEN, SELF-TAPPING DRYWALL SCREWS, ONE INCH OR LONGER AS REQUIRED. SCREWS SHALL BE SPACED 12" O.C. MAXIMUM. SCREWS SHALL BE LOCATED NO CLOSER THAN 3/8" TO THE EDGES AND ENDS OF PANEL.
- 3. BOARDS OF A MAXIMUM PRACTICABLE LENGTH SHALL BE USED SO THAT AN ABSOLUTE MINIMUM NUMBER OF END JOINTS OCCUR. WALLBOARD JOINTS AT OPENING SHALL BE LOCATED SO THAT NO END JOINT WILL ALIGN EDGES OF THE
- 4. GYPSUM WALL BOARD ON PARTITIONS AND CONSTRUCTION EXTENDING TO THE STRUCTURE ABOVE SHALL BE CUT TO FIT TIGHTLY AROUND DECK FLUTING, STRUCTURAL MEMBERS AND OTHER PROTRUSIONS CROSSING THE PLANE OF THE WALL
- 5. TAPE AND JOINT MATERIAL SHALL BE APPLIED TO THE JOINTS APPROXIMATELY FOUR (4) INCHES WIDE. THIS IS TO BE A THREE COAT PROCESS, ALLOWING 24 HOURS DRYING TIME BETWEEN COATS. ALL NAILS, SCREW HEADS OR DIMPLES SHALL ALSO RECEIVE A THREE COAT FINISH USING THE SAME MANNER JOINTS TO BE SANDED SMOOTH 6. TAPE AND JOINT MATERIAL SHALL BE APPLIED TO THE
- JOINTS APPROXIMATELY FOUR (4) INCHES WIDE. THIS IS TO BE A THREE COAT PROCESS, ALLOWING 24 HOURS DRYING TIME BETWEEN COATS. ALL NAILS, SCREW HEADS OR DIMPLES SHALL ALSO RECEIVE A THREE COAT FINISH USING THE SAME MANNER. JOINTS TO BE SANDED SMOOTH.

09300 TILE

A. COMPLY WITH:

- 1. TILE COUNCIL OF AMERICA, INC. (TCA), HANDBOOK FOR CERAMIC TILE INSTALLATION
- 2. AMERICAN NATIONAL STANDARDS INSTITUTE SPECIFICATIONS (ANSI). USE THE LATEST EDITION AVAILABLE.
- A) ANSI A108.5-1992, CERAMIC TILE INSTALLED WITH DRY-SET PORTLAND CEMENT MORTAR OR
- LATEX-PORTLAND CEMENT MORTAR B) ANSI A108.11-1992, INTERIOR INSTALLATION OF
- CEMENTITIOUS BACKER UNITS. C) ANSI A118.1-1992, DRY-SET PORTLAND CEMENT MORTAR
- ANSI A118.4-1992, LATEX-PORTLAND CEMENT MORTAR ANSI A118.6-1992, CERAMIC TILE GROUTS
- F) ANSI A118.9-1992, TEST METHODS AND SPECIFICATIONS
- FOR CEMENTITIOUS BACKER UNITS.
- G) ANSI A136.1-1992, ORGANIC ADHESIVES FOR INSTALLATION OF CERAMIC TILE.
- H) ANSI A137.1-1998, CERAMIC TILE
- B. MATERIAL SELECTIONS: REFER TO FINISH SCHEDULE ON DRAWINGS.
 - 1. SETTING AND GROUTING MATERIALS

B) ORGANIC ADHESIVE

- A) THIN SET, LATEX-MODIFIED DRY SET PORTLAND CEMENT MORTAR
- C) LATEX-MODIFIED DRY SET PORTLAND CEMENT GROUT. 1) COLOR: REFER TO DRAWINGS.
- 2. CEMENTITIOUS BACKER UNITS: 1/2" THICK PORTLAND CEMENT SURFACED, FIBER GLASS MESH REINFORCED PANEL, COMPLYING WITH ANSI A118.9, "DUROCK CEMENT BOARD" (UNITED STATES GYPSUM CO.); OR APPROVED SUBSTITUTION.

D. INSTALLATION

C. INSTALLATION MATERIALS

- 1. TCA METHOD F113: FOR FLOORS AND BASE. 2. TCA METHOD W223: FOR WALLS.
- E. PROVIDE THE TENANT WITH THE FOLLOWING AFTER STORE TURNOVER: ALL FULL, UNDAMAGED CEILING TILES OF EACH TYPE USED PACKED IN ORIGINAL BOX(ES) AND CLEARLY MARKED. ALSO, PROVIDE ONE ADDITIONAL FULL BOX OF NEW CEILING TILES OF EACH TYPE USED IN ORIGINAL BOX(ES).

09510 ACOUSTICAL CEILINGS

- A. INSTALLER: FIRM WITH NOT LESS THAN 3 YEARS OF SUCCESSFUL EXPERIENCE IN INSTALLATION OF ACOUSTICAL CEILINGS SIMILAR TO
- REQUIREMENTS FOR THIS PROJECT. MATERIAL SELECTIONS: REFER TO DRAWINGS.
 - 1. LAY-IN ACOUSTICAL CEILING TILES: ASTM E1264-96, MINERAL FIBER COMPOSITION.
 - 2. FIRE RATED CEILING ASSEMBLY: CONTRACTOR IS TO VERIFY IF A RATED ASSEMBLY IS REQUIRED BY THE BUILDING/FIRE DEPARTMENT. WHERE THE ACOUSTICAL TILE CEILING SYSTEM IS AN INTEGRAL PART OF A FIRE RATED CEILING/FLOOR OR CEILING/ROOF ASSEMBLY. PROVIDE SYSTEM AS INDICATED ON DRAWINGS INSTALLED IN CONFORMANCE WITH REQUIREMENTS OF UNDERWRITER'S LABORATORY OR OTHER TESTING LABORATORY AS APPROVED BY BUILDING AND FIRE DEPARTMENT. IF NONE IS INDICATED ON THE DRAWINGS, CONSULT ARCHITECT FOR SPECIFICATION OF SYSTEM TO BE USED. EXPOSED SUSPENSION SYSTEM

 - A) GRID: DIRECT-HUNG, NON FIRE-RATED, DOUBLE WEB STEEL SUSPENSION SYSTEM.
 - 1) PROVIDE INTERMEDIATE SYSTEMS UNLESS OTHERWISE REQUIRED BY ACOUSTICAL PANELS, FIXTURES, OR OTHER ITEMS SUPPORTED FROM THE CEILING SYSTEM. 2) PROVIDE SEISMIC ZONE 0-4 RATED SUSPENSION SYSTEM
 - COMPONENTS IN SEISMIC ZONE 3 AREAS. 3) PROVIDE SEISMIC ZONE 0-4 RATED SUSPENSION SYSTEM COMPONENTS IN SEISMIC ZONE 4 AREAS. SYSTEM TO BE INSTALLED IN CONFORMANCE WITH ASTM E-805 REQUIREMENTS. REFER TO REFLECTED CEILING PLAN FOR DETAILS.
 - B) HOLD-DOWN CLIPS: FOR LAY-IN CEILING UNITS WEIGHING LESS THAN ONE PSF, FOR UNITS IN VESTIBULES AND PUBLIC TOILET ROOMS, AND FOR UNITS WITHIN VESTIBULES. C) HANGERS: SOFT STEEL WIRE, 12 GAUGE, GALVANIZED.
- C. INSTALL SUSPENSION SYSTEMS TO COMPLY WITH ASTM C36.
 - LEVEL CEILING SYSTEM TO TOLERANCE OF 1/8" IN FEET. 2. SUPPORT CEILING SYSTEM ONLY FROM BUILDING STRUCTURAL MEMBERS IN A MANNER APPROVED BY THE LANDLORD'S REPRESENTATIVE AND THE BUILDING DEPARTMENT.
 - A) DO NOT ATTACH HANGERS TO METAL DECKING UNDER ANY CIRCUMSTANCES.
 - B) DO NOT BEAR MAIN RUNNERS ON WALLS AND PARTITIONS.
 - 3. EXTEND EXISTING GRID SYSTEM WHICH IS TO REMAIN, USING SALVAGED GRID WHERE POSSIBLE AND NEW GRID WHERE NECESSARY TO COMPLETE CEILINGS. DO NOT REUSE
 - DAMAGED GRID. ALL EXISTING COMPONENTS MUST BE IN 4. LIKE-NEW CONDITION TO BE CONSIDERED FOR REUSE. REFER TO SECTION 09900 - PAINTING FOR REFINISHING EXISTING GRID SYSTEM.
- D. INSTALL ACOUSTICAL CEILING TILES IN COORDINATION WITH SUSPENSION SYSTEM, WITH EDGES CONCEALED BY SUPPORT OF SUSPENSION MEMBERS.
 - 1. SCRIBE AND CUT PANELS TO FIT ACCURATELY AT BORDERS
 - AND AT PENETRATIONS. 2. MEASURE EACH CEILING AREA AND ESTABLISH LAYOUT OF ACOUSTICAL UNITS TO BALANCE BORDER WIDTHS AT OPPOSITE EDGES OF EACH CEILING. AVOID THE USE OF LESS-THAN-HALF WIDTH UNITS AT BORDERS UNLESS DIMENSIONS ARE SPECIFICALLY SHOWN ON THE REFLECTED CEILING PLAN INDICATING THE USE OF LESS-THAN-HALF
 - 3. INSTALL HOLD-DOWN CLIPS SPACED AS INDICATED BY PANEL MANUFACTURER UNLESS OTHERWISE REQUIRED BY CODE.
- E. PROVIDE THE TENANT WITH THE FOLLOWING AFTER STORE TURNOVER: ALL FULL, UNDAMAGED CEILING TILES OF EACH TYPE USED PACKED IN ORIGINAL BOX(ES) AND CLEARLY MARKED. ALSO, PROVIDE ONE ADDITIONAL FULL BOX OF NEW CEILING TILES OF EACH TYPE USED IN ORIGINAL BOX(ES).

09772 SANITARY WALL PANELING

A. MATERIALS

- 1. PANELING: MOISTURE RESISTANT FIBERGLASS POLYESTER PANELS, 0.09" THICK, "KEMLITE GLASBOARD-P" WITH "SURF SEAL" FINISH (KEMLITE CO.).
- A) SIZE: 48" X 96" LONG (MINIMUM) OR AS OTHERWISE REQUIRED TO ALLOW NO HORIZONTAL JOINTS EXCEPT AT FLOOR (BASE), AND CEILING UNLESS OTHERWISE
- B) DETAILED. COLOR: WHITE
- 2. MOLDINGS: MANUFACTURER'S STANDARD VINYL EDGE AND CORNER MOLDINGS,; COLOR TO MATCH PANELING.
- 3. ADHESIVE: PANELING MANUFACTURER'S RECOMMENDED ADHESIVE FOR SUBSTRATES INDICATED.
- 4. SEALANT: REFER TO SECTION 07920, SEALANT S2.

WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

B. INSTALLATION: INSTALL SANITARY WALL PANELING IN ACCORDANCE

09910 PAINTS

- A. CONFORM TO THE RECOMMENDATIONS OF THE PAINTING AND DECORATING CONTRACTORS OF AMERICA (PDCA) FOR PREMIUM
- GRADE WORK, UNLESS OTHERWISE SPECIFIED HEREIN. B. MATERIAL QUALITY: PROVIDE THE MANUFACTURER'S BEST QUALITY TRADE SALE PAINT MATERIAL OF THE VARIOUS COATING TYPES
- SPECIFIED. C. SINGLE SOURCE RESPONSIBILITY: PROVIDE PRIMERS AND UNDERCOAT PAINT PRODUCED BY THE SAME MANUFACTURER AS THE FINISH COATS. USE ONLY THINNERS APPROVED BY THE PAINT MANUFACTURER, AND USE ONLY WITHIN RECOMMENDED LIMITS. D. MATERIALS AND SYSTEM SCHEDULES: REFER TO DRAWINGS.

PREPARATION

E. APPLICATION

- A) REMOVE AND PROTECT HARDWARE, LIGHTING FIXTURES, AND SIMILAR ITEMS, BEFORE PAINTING. PROTECT FINISHED SURFACES IN AREAS WHERE PAINT IS BEING APPLIED, WITH CLEAN DROP CLOTHS AND SUITABLE
- B) PREPARE SURFACES TO BE BE PAINTED IN ACCORDANCE WITH PAINT MANUFACTURER'S WRITTEN INSTRUCTIONS. REMOVE OIL GREASE, DUST, DIRT, AND OTHER SUBSTANCES WHICH MAY IMPAIR BOND OR CREATE BLEEDTHROUGH. SAND WHERE NECESSARY TO PROPERLY
- PREPARE SURFACES TO RECEIVE FINISH. C) CLEAN EXISTING SURFACES THOROUGHLY TO REMOVE LOOSE, SCALING, AND OTHER DEFECTIVE FILM. FILL HOLES AND CRACKS. REMOVE GLOSS FROM PAINTED SURFACES BY WASHING AND SANDING, AND TOUCH UP BARE SPOTS WITH APPROPRIATE PRIMER.
- 2. APPLY PAINT EVENLY AND SMOOTHLY WITHOUT RUNS, SAGS. BRUSH MARKS, LAPS, STREAKS, UNFINISHED PATCHES AND OTHER BLEMISHES.
- 3. APPLY PAINT IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS. USE EQUIPMENT AND TECHNIQUES BEST SUITED
- FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED. 4. DO NOT APPLY FINAL COATS UNTIL OTHER TRADES WHOSE OPERATIONS WOULD BE DETRIMENTAL TO FINISH PAINTING HAVE FINISHED THEIR WORK IN THE AREAS TO BE PAINTED. 5. DO NOT PAINT OVER CODE—REQUIRED LABELS, OVER

EQUIPMENT IDENTIFICATION, PERFORMANCE RATING, NAME, OR

- NOMENCLATURE PLATES. 6. MECHANICAL AND ELECTRICAL WORK
- A) PAINTING OF MECHANICAL AND ELECTRICAL WORK IS LIMITED TO THOSE ITEMS EXPOSED IN OCCUPIED SPACES. B) PAINT EXPOSED ITEMS, IDENTICAL WITH ROOM COLOR, CEILING COLOR OR ADJACENT SURFACES UNLESS SPECIFICALLY NOTED OTHERWISE.
- 7. AT THE COMPLETION OF WORK OF OTHER TRADES, TOUCHUP AND RESTORE DAMAGED AND DEFACED PAINTED SURFACES.

B) NOTIFY THE CONTRACTOR IMMEDIATELY UPON SUCH

- A) COSTS FOR THIS TOUCHUP PAINTING SHALL BE CHARGED TO THE TRADE RESPONSIBLE FOR SUCH DAMAGE, AND AT NO ADDITIONAL COSTS TO THE TENANT.
- 8. PROVIDE THE TENANT WITH THE FOLLOWING AT STORE TURNOVER: ALL UNUSED PAINT CONSISTING OF 1 PINT OR MORE OF EACH TYPE USED SEALED IN ORIGINAL CONTAINER. IN ADDITION, PROVIDE ONE ADDITIONAL FULL CAN OF UNOPENED PAINT OF EACH TYPE USED IN ORIGINAL CONTAINER(ES). EACH CAN OF PAINT SHALL BE CLEARLY MARKED AS TO COLOR AND AREAS WHERE USED.

10262 CORNER GUARDS

DISCOVERY.

A. MATERIALS

- 1. LEXAN BRAND HIGH IMPACT POLYCARBONATE CORNER GUARDS, 3/4" X 3/4" AND 60" LONG AS REQUIRED. "TRI-GUARDS" NO. TG434 PR TG834, (TRI-GUARDS, INC.);
- OR APPROVED SUBSTITUTION. A) COLOR: CLEAR.
- 2. FASTENERS: CHROME PLATED SELF-TAPPING, PANHEAD

B. INSTALLATION

1. INSTALL CORNER GUARDS IN LONGEST PRACTICABLE LENGTHS TO ELIMINATE JOINTS. SECURE WITH FASTENERS SPECIFIED OF ADEQUATE LENGTH, THROUGH FACTORY PRE-DRILLED HOLES. FOLLOWING INSULATION OF CORNER GUARDS, BACK OUT SCREWS, REMOVE DRYWALL DUST VISIBLE THROUGH CLEAR CORNER GUARDS AND RESCUER. FINISHED INSTALLATION SHALL BE FREE OF DRYWALL DUST AND OTHER FOREIGN MATTER ON THE CONCEALED SIDE OF CORNER GUARDS.

DOCUMENT : CONSTRUCTION :

DOCUMENT

DOCUMENT

CONTRACT

DOCUMENT

DOCUMENT

DOCUMENT

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DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

PROFESSIONAL CERTIFICATION

I CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. <u>15786</u>, EXPIRATION DATE:



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DESIGN SERVICES PLUS, INC.

SUITE 700 101 CONVENTION CENTER DR.

DESIGN, PLANNING

AND DEVELOPMENT

LAS VEGAS, NV SHEET TITLE SPECIFIC ATION

CAD FILE NAM	_	
DRAWN SM	ISSUED	04-04-2011
CHECKED SM	SCALE	NONE
APPR. SM	DWG NO).
PROJECT NO.		
		CD

MECHANICAL GENERAL NOTES

- 1. DO NOT SCALE DRAWINGS. SEE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLAN FOR EXACT LOCATION OF DOORS, WINDOWS, CEILING DIFFUSERS, ETC.
- 2. ALL DUCTWORK AND PIPING SHALL BE COORDINATED WITH THE WORK PERFORMED UNDER OTHER DIVISIONS TO AVOID INTERFERENCE.
- 3. LOCATE ALL THERMOSTATS 4'-0" ABOVE THE FINISHED FLOOR, UNLESS OTHERWISE NOTED.
- 4. HVAC CONTRACTOR SHALL REPAIR, REPLACE, OR REPAINT TO MATCH EXISTING SURFACES DAMAGED BY THE HVAC CONTRACTOR DURING INSTALLATION OF MECHANICAL EQUIPMENT.
- HVAC CONTRACTOR SHALL REMOVE FROM THE JOBSITE ANY MATERIALS NOT ECONOMICALLY RECOVERABLE. ANY MATERIALS REMOVED FROM THE JOBSITE AND SOLD FOR SALVAGE SHALL BE CREDITED TO THE OWNERS ACCOUNT.
- INSTRUMENT TEST HOLES SHALL BE LOCATED IN ALL NEW SUPPLY, EXHAUST, AND RETURN
- HVAC CONTRACTOR SHALL PROVIDE AND INSTALL MANUAL BALANCING DAMPERS IN DUCTWORK FIVE FEET UPSTREAM OF ALL DUCTED DIFFUSERS. IF FIVE FEET CANNOT BE MAINTAINED THE MAXIMUM DISTANCE POSSIBLE SHOULD BE OBSERVED. THE CONTRACTOR SHALL ALSO PROVIDE AND INSTALL ALL DAMPERS NECESSARY TO BALANCE THE SYSTEM TO AIR FLOW VALUES SHOWN ON PLANS.
- 8. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL BE TWELVE FEET.
- 9. DUCT SIZES GIVEN ARE INSIDE CLEAR DIMENSIONS. SHEET METAL SIZES SHALL BE INCREASED ACCORDINGLY TO ALLOW FOR DUCT LINER.
- 10. HVAC CONTRACTOR SHALL PROVIDE AND INSTALL FIRE AND/OR SMOKE DAMPERS WHERE INDICATED ON PLANS AND IN SUCH LOCATIONS AS REQUIRED BY APPLICABLE CODE. INSTALLATION OF FIRE AND/OR SMOKE DAMPERS SHALL BE IN STRICT ACCORDANCE WITH THE DAMPER MANUFACTURERS RECOMMENDATIONS.
- 11. ALL VALVES AND PIPING SPECIALTIES SHALL BE LINE SIZED UNLESS NOTED OTHERWISE. USE ECCENTRIC REDUCERS ON CONTROL VALVES WHERE REQUIRED.
- 12. ALL CONCEALED DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED IN ACCORDANCE WITH THE LATEST SMACNA STANDARDS.
- 13. ALL CONCEALED SUPPLY AND RETURN AIR DUCTWORK SHALL BE WRAPPED WITH 2" FIBER GLASS INSULATION (MIN. R-VALUE 5.0). ALL EXPOSED RECTANGULAR SUPPLY AND RETURN AIR DUCTWORK SHALL BE LINED WITH 1"
- THICK DUCT LINER. VAPOR BARRIER SHALL BE MAINTAINED THROUGHOUT DUCT SYSTEM. CONTRACTOR SHALL INSTALL WRAP INSULATION OVER TOP OF ALL CEILING SUPPLY AIR DIFFUSERS. (NOTE: DUCT SIZES GIVEN ARE INSIDE CLEAR DIMENSIONS. SHEET METAL SIZES SHALL BE INCREASED ACCORDINGLY TO ALLOW FOR DUCT LINER.)
- 14. FLEXIBLE DUCTWORK SHALL BE THERMFLEX TYPE MKF, 1-1/2" EXTERNALLY INSULATED (MINIMUM R-VALUE 5.0) AND CONFORM TO ALL REQUIREMENTS OF U.L. 181 FOR CLASS 1
- 15. ALL PIPING, DUCTS, VENTS, ETC. EXTENDING THROUGH THE WALL AND/OR ROOF SHALL BE FLASHED AND COUNTERFLASHED IN A WATERPROOF MANNER.
- 16. ALL PIPING INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOOR, WALLS, AND PARTITIONS.
- 17. ALL PIPING SHALL BE SUPPORTED ADJACENT TO EQUIPMENT, TO PREVENT WEIGHT OF PIPING BEING PLACED ON EQUIPMENT.
- 18. HVAC CONTRACTOR SHALL PROVIDE ALL ROOF CURBS TO THE GENERAL CONTRACTOR FOR ASSEMBLY AND INSTALLATION PRIOR TO THE INSTALLATION OF ROOFING MATERIALS.
- 19. HVAC CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS ON JOBSITE.
- 20. VERIFY ALL ROUTING OR ALL WORK ON JOBSITE.
- 21. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL SUPPORTING ANGLES AND EXTRA SUPPORT BEAMS FOR ROOFTOP A.C. UNITS, EXHAUST FANS, ETC.
- 22. IT IS THE INTENTION OF THESE DRAWINGS TO COVER ALL WORK FOR A COMPLETE FIRST CLASS MECHANICAL INSTALLATION. ANY EQUIPMENT, TRIM HARDWARE AND/OR DEVICES USUALLY UTILIZED IN THE CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK (AS DETERMINED BY THE ARCHITECT) SHALL BE FURNISHED AND INSTALLED BY THE HVAC CONTRACTOR AS PART OF HIS TOTAL WORK,
- 23. HVAC CONTRACTOR SHALL BALANCE THE SYSTEM AND PROVIDE THE OWNER WITH WRITTEN VERIFICATION THAT THE SYSTEM IS IN COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS.
- 24. THIS DESIGN IS DIAGRAMMATIC AND FOR IMAGE GUIDANCE ONLY. MECHANICAL CONTRACTOR SHALL COMPLY WITH ALL LOCAL CODES, REGULATIONS, AND LAWS.

MECHANICAL LEGEND

SUPPLY DIFFUSER

RETURN GRILLE

EXHAUST GRILLE

<u>† 12X12 †</u> 12"ø

12"X12" RECTANGULAR DUCT 12"ø FLEXIBLE DUCT

12"ø

12"ø ROUND RIGID DUCT

TURNING VANES MANUAL VOLUME DAMPER (MVD)

DUCT MOUNTED SMOKE DETECTOR WITH 8x8 ACCESS DOOR- PROVIDED AND WIRED BY E.C. AND INSTALLED BY M.C.

THERMOSTAT/CONTROL W/LOCKING COVER

DOOR UNDERCUT

S.A. SUPPLY AIR RETURN AIR

CONNECT TO EXISTING

R.A.

FIRE DAMPER W/8"X8" ACCESS DOOR.

MECHANICAL KEYED NOTES

- M1) EXISTING SUPPLY AIR GRILLE TO REMAIN. CLEAN GRILLE AND TOUCH—UP WITH PAINT TO BRING TO LIKE NEW CONDITION.
- M2) EXISTING RETURN AIR GRILLE TO REMAIN. CLEAN GRILLE AND TOUCH-UP WITH PAINT TO BRING TO LIKE NEW CONDITION.
- M3 EXISTING EXHAUST FAN (75 CFM) TO REMAIN. CLEAN GRILLE/FAN AND TOUCH-UP WITH PAINT TO BRING TO LIKE NEW CONDITION.
- (M4) EXISTING THERMOSTAT TO REMAIN.

VOLUME DAMPER WITH

AND END BEARING. —

— RECTANGULAR MAIN

ROUND SHEET

METAL DUCT. 7

SUPPLY AIR DUCT.

3/8" LOCKING QUADRANT

SPIN IN COLLAR W/

INTEGRAL SCOOP.

FLARED SHOULDER &

1. SEE SHEET M1 AND SPECIFICATIONS FOR DUCT INSULATION REQUIREMENTS.

M1 N.T.S.

SUPPLY AIR DIFFUSER WITH SQUARE NECK. SEE DIFFUSER SCHEDULE

FOR FRAME TYPE. CONFIRM CEILING TYPE ON ARCHITECTURAL PLANS.

2 SUPPLY AIR DIFFUSER DETAIL

2. MAXIMUM FLEXIBLE DUCT LENGTH SHALL BE 12'-0"

- M5) REMOVE EXISTING SUPPLY GRILLE AND ALL ASSOCIATED SUPPLY DUCTWORK BACK TO CONNECTION WITH MAIN SUPPLY TRUNK LINE. COVER OPENING WITH SHEET METAL AND SEAL WITH MASTIC.
- M6) REMOVE EXISTING RETURN GRILLE AND ALL ASSOCIATED RETURN DUCTWORK BACK TO CONNECTION WITH MAIN RETURN TRUNK LINE. COVER OPENING WITH SHEET METAL AND SEAL WITH MASTIC.
- PROVIDE NEW SUPPLY AIR GRILLE TO MATCH EXISTING. FIELD ROUTE AND CONNECT NEW SUPPLY AIR DUCTWORK INTO EXISTING MAIN SUPPLY AIR DUCTWORK AS REQUIRED.
- M8) PROVIDE NEW RETURN AIR GRILLE (NON-DUCTED FOR PLENUM RETURN) TO MATCH EXISTING.

- FLEX DUCT DIAMETER "D"

- CIRCULAR CLAMP

- ACCESSIBLE VOLUME

DAMPER IN

DIFFUSER NECK.

M9) EXISTING 10 TON AIR HANDLING UNIT TO REMAIN. ALL EXISTING SUPPLY, RETURN AND OUTSIDE AIR DUCTWORK AND GRILLES SHALL REMAIN AS EXISTING EXCEPT AS NOTED ON PLANS.

J. Corbett Thomason, P.E.

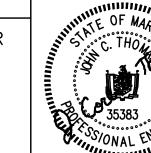
2120 DILWORTH RD. EAST CHARLOTTE, NC 28203 TEL (704) 333-1020 FAX (704) 333-1008 EMAIL Corbett@ CorbettEngineering.com

CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THIS DRAWING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 35383 EXPIRATION DATE: 1-14-2012

Date: 3-28-11 ENGINEER'S SIGNATURE HERE



3-28-11

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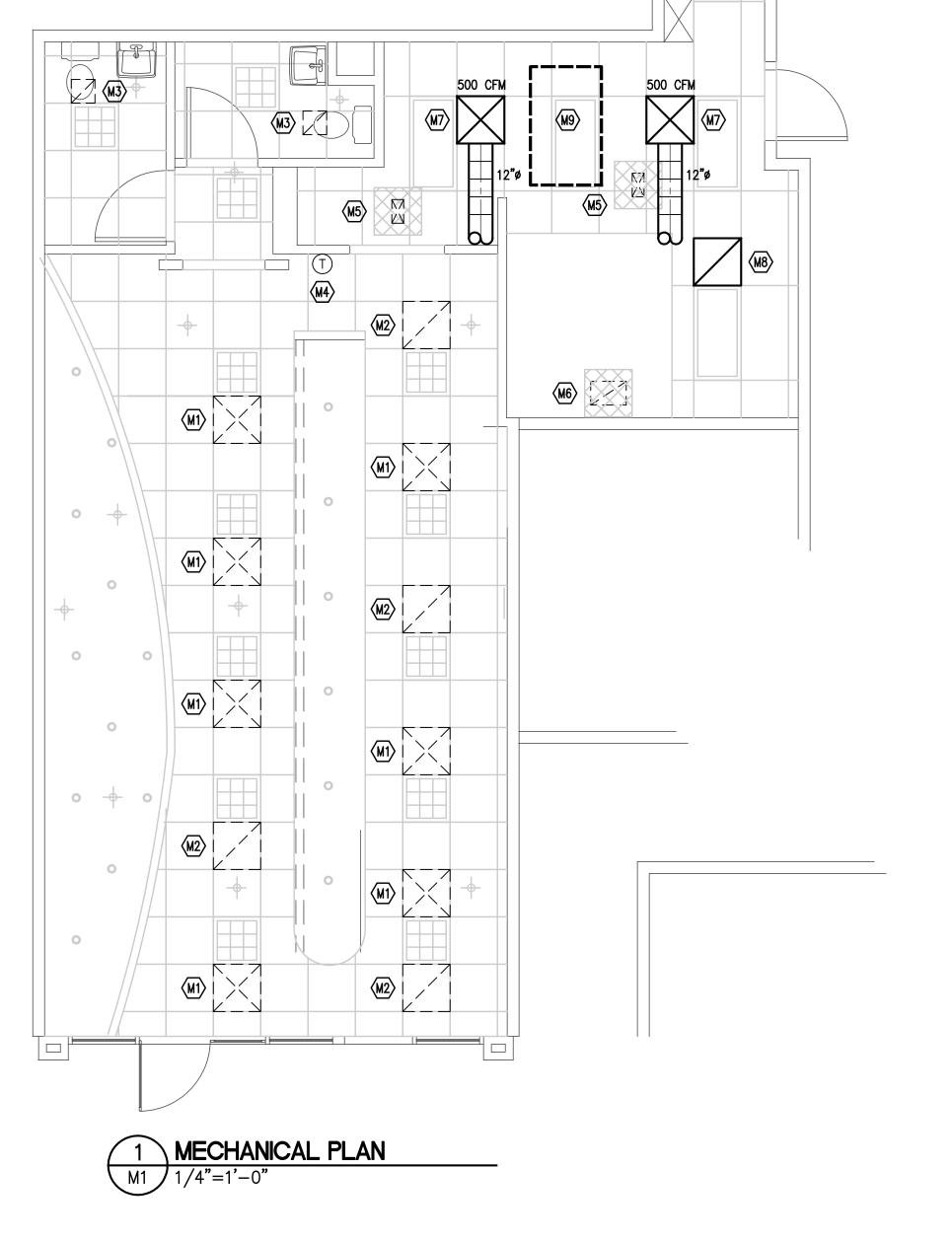
NO DESCRIPTION DATE BY

YEAR: 2011

REVISIONS

PRINTS ISSUED

drawings, specifications and other documents including those in electronic form, prepared by the architect, its firm and the ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.



JT AV 2081 7255 WOODMONT A BETHESDA, MD 20 HAAGENDAZ



DESIGN SERVICES

PLUS, INC. DESIGN, PLANNING AND DEVELOPMENT

SUITE 700 IOI CONVENTION CENTER DR.

LAS VEGAS, NV

SHEET TITLE MECHANICAL PLAN

CAD FILE NAME

ISSUED 1-17-10 SCALE 1/4"=1'-0" CHECKED JCT DWG NO.

END PROJECT NO. ISSUE DATE: A.T.P. DATE:

ELECTRICAL SYMBOL LEGEND DEDICATED CIRCUIT HOMERUN TO POWER DISTRIBUTION EQUIPMENT: A - 1.3SUBSCRIPT DENOTES PANEL AND CIRCUIT(S), NUMBER OF ARROWHEADS DENOTES # OF 120V CIRCUITS. FEEDER CIRCUIT HOMERUNS AND 208V BRANCH CIRCUIT HOMERUNS SHOWN WITH ONLY ONE ARROWHEAD. CONDUIT RUN CONCEALED IN WALLS OR ABOVE CEILING. IN AREAS WITH NO CEILING. RUN CONDUITS HIGH AS POSSIBLE AGAINST STRUCTURE. CONDUIT UNDERGROUND, UNDERFLOOR, OR IN WALL JUNCTION BOX, CEILING MOUNTED JUNCTION BOX, FLOOR MOUNTED Ю JUNCTION BOX WALL MOUNTED SINGLE POLE SWITCH, 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. Ŝ INDICATES FLUORESCENT FIXTURES DUAL SWITCHED, INBOARD/OUTBOARD SWITCHED SEPARATELY. S_3 3-WAY SWITCH, 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. 4-WAY SWITCH, 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. KEY OPERATED SWITCH, 20A, 120/277 VOLT, +48" A.F.F. TO CENTER. DIMMER SWITCH OF APPROPRIATE TYPE FOR FIXTURE CHARACTERISTICS. SLIDE TYPE WITH PRESET. TELEPHONE OUTLET, +18" AFF TO CENTER OR AT HEIGHT INDICATED, STUB UP 3/4" CONDUIT ABOVE ACCESSIBLE CEILING. CABLE BY OTHERS. DATA OUTLET, +18" A.F.F. TO CENTER OR AT HEIGHT INDICATED ON PLAN. ◁ STUB UP 3/4" CONDUIT ABOVE ACCESSIBLE CEILING. CABLE BY OTHERS. DUPLEX RECEPTACLE, 15 AMP, 120 VOLT, +18" A.F.F. TO CENTER, FOR SINGLE \Rightarrow RECEPTACLE ON A CIRCUIT, USE A 20A RECEPTACLE. "GFI" INDICATES GROUND FAULT PROTECTION. "WP" INDICATES WEATHERPROOF. "WV" INDICATES FOR MICROWAVE/HOOD, MOUNT AT +59". "EWC" INDICATES FOR ELECTRIC WATER COOLER, MOUNT WITHIN COOLER ENCLOSURE. TWO DUPLEX RECEPTACLES IN A TWO GANG BOX WITH A COMMON COVER PLATE, WALL MOUNTED 15" A.F.F. U.O.N. SPECIAL PURPOSE RECEPTACLE. PROVIDE VOLTAGE, AMP RATING, AND NUMBER OF WIRES AS NOTED ON DRAWINGS AND AS REQUIRED BY DEVICE BEING SERVED. RECEPTACLE WALL-MOUNTED 46" A.F.F., 8" ABOVE COUNTERTOP, OR 3-1/4" ABOVE BACKSPLASH. MOTOR CONNECTION WITH EQUIPMENT DESIGNATION VOLTAGE AND HORSEPOWER RATING SHOWN. S_M MANUAL MOTOR STARTER. NON-FUSIBLE SAFETY SWITCH FUSED SAFETY SWITCH. PROVIDE FUSES AS REQUIRED BY EQUIPMENT NAMEPLATE. PANELBOARD. SURFACE OR RECESS MOUNTED. SEE SCHEDULE FOR DETAILS. CEILING MOUNTED FLUORESCENT FIXTURE, SURFACE OR RECESSED MOUNTING, SEE FIXTURE SCHEDULE FOR DETAILS OF ALL FIXTURES. CEILING MOUNTED FLUORESCENT FIXTURE CONNECTED TO NIGHT LIGHT CIRCUIT. WIRE BALLAST WITH 2 LAMPS TO UNSWITCHED LEG OF LIGHTING CIRCUIT. EXIT LIGHT WITH BATTERY PACK, UNIVERSAL MOUNTING, SHADING INDICATES FACE. EMERGENCY EGRESS LIGHT WITH BATTERY PACK, SEE FIXTURE SCHEDULE FOR DETAILS. CIRCUIT NUMBERS. FIXTURE DESIGNATION AND SWITCHING ARE AS FOLLOWS. UPPER CASE LETTER(S) INDICATES FIXTURE TYPE. NUMBER INDICATES CIRCUIT. LOWER CASE LETTER(S) INDICATES SWITCHING DESIGNATION. WHERE TWO SWITCHING DESIGNATIÒŃS ARE SHOWN CONTROL ONE LAMP OF TWO LAMP FIXTURES AND THE CENTER LAMP(S) OF THREE AND FOUR LAMP FIXTURES TO THE FIRST DESIGNATION, AND THE REMAINING LAMPS TO THE SECOND DESIGNATION. FIXTURE SWITCHING AND CIRCUITING ARE TYPICAL FOR ALL LIGHT FIXTURES.

GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL AND STATE CODES.
- ALL MATERIAL SHALL BE NEW AND SHALL CONFORM TO THE STANDARDS OF THE UNDERWRITER'S LABORATORIES, INC., AND THE NATIONAL MANUFACTURERS ASSOCIATION.
- ALL ELECTRICAL PERMITS AND INSPECTION FEES SHALL BE OBTAINED AND PAID FOR BY THE ELECTRICAL CONTRACTOR.
- DRAWINGS ARE DIAGRAMMATIC ONLY AND INDICATE ONLY THE GENERAL ARRANGEMENT. SEE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS.
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR
- ELECTRICAL CONTRACTOR SHALL MAKE ALL ELECTRICAL POWER CONNECTIONS TO HVAC,

EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.

- PLUMBING AND OTHER EQUIPMENT AS REQUIRED.
- A COMPLETE GROUNDING SYSTEM SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH ARTICLE 250 OF THE NEC, AND AS SHOWN ON THE DRAWINGS.
- ALL CUTTING AND PATCHING OF WALLS AND FLOORS FOR ELECTRICAL EQUIPMENT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- ALL WIRING SHALL BE INSTALLED IN GALVANIZED RIGID CONDUIT, INTERMEDIATE METAL CONDUIT, OR EMT. EMT SHALL NOT BE USED IN OR UNDER CONCRETE SLABS, OR IN
- CONDUCTORS SHALL BE COPPER RATED AT NOT LESS THAN 600 VOLTS. MINIMUM SIZE SHALL BE #12 AWG UNLESS OTHERWISE NOTED ON THE DRAWINGS. ALL WIRE #8 AWG AND LARGER SHALL BE STRANDED. ALL CONDUCTORS #10 AND SMALLER SHALL BE "SOLID, UNLESS OTHERWISE NOTED. USE THE 60°C AMPACITY RATING FOR CONDUCTORS FEEDING EQUIPMENT RATED 100A OR LESS, OR FOR EQUIPMENT RATED FOR CONDUCTORS #1 AWG OR LESS.
- BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN OR THWN AS REQUIRED.
- 12. PROVIDE A PULL WIRE IN ALL EMPTY CONDUITS.

UNLESS NOTED OTHERWISE

WITH 75°C RATED CONDUCTORS.

- PROVIDE A TYPED DIRECTORY IN ALL PANEL BOARDS CLEARLY DESCRIBING THE LOCATION OF AND TYPE OF LOAD BEING SERVED FOR ALL CIRCUITS.
- PROVIDE ENGRAVED PHENOLIC NAMEPLATES FOR ALL PANEL BOARDS AND DISCONNECT SWITCHES, WHITE LETTERS ON BLACK BACKGROUND.
- 15. FUSES 0 600 AMPS SHALL BE UL CLASS "RK-1" LOW PEAK DUAL ELEMENT TIME DELAY WITH 200,000 AMPERE INTERRUPTING RATING AS MANUFACTURED BY BUSS.
- 16. ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE WITH THE MATERIAL (CU/AL) OF THE CONDUCTOR AND SHALL BE PROPERLY INSTALLED.
- 18. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL ELECTRICAL EQUIPMENT FROM FOREIGN MATERIAL DURING CONSTRUCTION (PAINT, SPACKLE, ETC.).

ALL TERMINALS, SPLICING CONNECTORS, LUGS, ETC. SHALL BE IDENTIFIED FOR USE

- WHERE PENETRATIONS ARE MADE THROUGH A REQUIRED FIRE—RESISTIVE WALL, FLOOR, OR PARTITION FOR THE PURPOSE OF RUNNING RACEWAY CARRYING ELECTRICAL, TELEPHONE, TELEVISION, OR LOCAL COMMUNICATION AND/OR SIGNALING CIRCUITS, THE OPENING AROUND THE RACEWAY SHALL BE FIRE STOPPED PER THE STATE BUILDING CODE. COORDINATION WITH THE GENERAL CONTRACTOR SHALL BE MAINTAINED TO INSURE THAT THIS FIRE STOPPING IS ACCOMPLISHED. USE APPROVED ASSEMBLIES SUCH AS THE FOLLOWING: CONDUIT PENETRATIONS OF 1 & 2 HOUR GYP BOARD WALLS — U.L.#WL1001 CONDUIT PENETRATIONS OF 1 & 2 HOUR CONCRETE OR BLOCK WALLS - U.L.#CAJ1001 CONDUIT PENETRATIONS OF 1 & 2 HOUR CONCRETE FLOORS - U.L.#CAJ1001
- IN REQUIRED FIRE RATED WALLS AND PARTITIONS, OPENINGS FOR INSTALLATION OF BOXES THAT ARE GREATER THAN 16 SQUARE INCHES SHALL BE PROTECTED AS REQUIRED BY U.L. COORDINATE CLOSELY WITH THE GENERAL CONTRACTOR TO INSURE THE INTEGRITY OF THE U.L. RATING IS MAINTAINED.
- WHERE A HOME RUN IS SHOWN THE CIRCUIT SHALL BE INSTALLED IN A DEDICATED CONDUIT, DO NOT COMBINE WITH OTHER CIRCUITS. WHERE A CIRCUIT HOMERUN IS NOT SHOWN THE CONTRACTOR SHALL COMBINE CIRCUITS AS FOLLOWS:

A MAXIMUM OF THREE 20A BRANCH CIRCUITS MAY BE COMBINED IN A COMMON HOMERUN SHARING A COMMON NEUTRAL OR WITH SEPARATE NEUTRALS, A TOTAL OF SIX CURRENT CARRYING CONDUCTORS.

ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO THE PANEL. ALL HOME RUNS IN EXCESS OF 100' SHALL BE INCREASED ONE WIRE SIZE FROM THAT SHOWN FOR THE CIRCUIT, #10 AWG MINIMUM.

CIRCUIT NUMBERS, FIXTURE DESIGNATION AND SWITCHING ARE AS FOLLOWS, UPPER CASE LETTER(S) INDICATES FIXTURE TYPE. NUMBER INDICATES CIRCUIT. LOWER CASE LETTER(S) INDICATES SWITCHING DESIGNATION. WHERE TWO SWITCHING DESIGNATIÒŃS ARE SHOWN CONTROL ONE LAMP OF TWO LAMP FIXTURES AND THE CENTER LAMP(S) OF THREE AND FOUR LAMP FIXTURES TO THE FIRST DESIGNATION, AND THE REMAINING LAMPS TO THE SECOND DESIGNATION. FIXTURE SWITCHING AND CIRCUITING ARE TYPICAL FOR ALL LIGHT FIXTURES.

J. Corbett Thomason, P.E.

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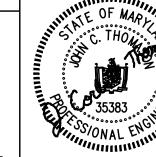
CorbettEngineering.com

CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THIS DRAWING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 35383

EXPIRATION DATE: 1-14-2012 Date: 3-28-11 ENGINEER'S SIGNATURE HERE



7.3

PRINTS ISSUED

NO DESCRIPTION

DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE

ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

REVISIONS

YEAR: 2011

DATE | BY

3-28-11

EXISTING

	VOLTAGE: 480/277V	,				PΛI	NEL	: Н					PHASE 4 WIRE		
	AMPS: 200 - MCB						D PER PH		1			SU	RFACE		
	- DESCRIPTION -	POLE	WIRE	BRK SIZE	CCT		В	С	CCT	BRK SIZE	WIRE SIZE	POLE	- DESCRIPTION -	1	
					1	^{6.6} /13.3			2						
EXIST.	WATER SOURCE HEATPUMF	3	EX	30	3		^{6.6} /13.4		4	100	EX	3	XFMR / PANEL L	EXIST	
					5			^{6.6} /18.1	6						
EXIST.	LIGHTS - EXTERIOR	1	EX	20	7	0.2/0.7	100		8	20	EX	1	LIGHTS	EXIST	
EXIST. MODIFIED	LIGHTS	1	12	20	9		1.3/_		10	20	_	1	SPARE	EXIST	
EXIST.	WATER HEATER	2	EX	20	11			2.0/_	12	20	_	1	SPARE	EXIS1	
					13	2.0/_			14	20	_	1	SPARE	EXIST	
EXIST.	SPARE	1	EX	20	15		-/-		16						
					17			-/-	18						
					19	-/-			20						
					21		-/-		22						
					23			-/-	24						
					25	-/-			26						
					27		-/-		28						
					29			-/-	30						
						22.8	21.3	26.7							
	TOTAL CO	TOTAL CONNECTED KVA								DEM	DEMAND KVA: 66.3				
	PANEL MINIMUN	A N	AIC F	RATIN	G:	EXIST	•		[DEMA	ND	AM	PS: 79.8		

EXISTING

	VOLTAGE: 208Y/120 AMPS: 200 - MLO	V				PANEL: L							3 PHASE 4 WIRE SURFACE					
	- DESCRIPTION -	POLE	WIRE	BRK	CÇT		D PER PH B	ASE C	CCT	BRK	WIRE	POLE	- DESCRIPTION -					
EXIST.	LTS - LOW VOLTAGE	1	SIZE EX	SIZE 20	1	0.4 0.1	_		# 2	SIZE 20	SIZE EX		LTS - EXIT/EMERG	EXIST.				
EXIST.	LTS - LOW VOLTAGE	1	EX	20	3	7 0.1	0.3 0.4		4	20	EX	_	LTS - LOW VOLTAGE	EXIST.				
EXIST.	CARBONATOR -REFRIG	1	EX	20	5		7	0.7 / _{0.7}	6	20	EX	1	WIREMOLD	EXIST.				
EXIST.	WIREMOLD	1	EX	20	7	0.7 0.7			8	20	EX	1	WIREMOLD	EXIST.				
EXIST.	WIREMOLD	1	EX	20	9		0.7 0.7		10	20	EX	1	WIREMOLD	EXIST.				
EXIST.	FREEZER COMPRESSOR	2	ΕX	25	11			2.1/1.7	12	20	EX	2	FREEZER EVAPORATOR	EXIST.				
					13	2.1/1.7			14									
EXIST.	FREEZER DOOR HEATER	1	ΕX	20	15		0.2/1.9		16	35	8	2	refrig. Yogurt	D1				
EXIST.	BATHROOM FANS/GFI'S	1	EX	20	17			^{0.5} /1.9	18				MACHINE (R)	D1				
EXIST.	ELECTRIC WATER COOLER	1	EX	20	19	0.5/0.4			20	20	EX	1	RECPT - DESK	EXIST.				
D1	YOGURT DIPPING CAB.	2	8	35	21		2.2 0.4		22	20	12	1-	REFRIG FOUNT REGISTER	D1				
D1	MACHINE (L) FUDGE WARM				23			2.2 0.8	24	20	12	1-	FUDGE WARMERU/C REFRIG	D1				
D1	YOGURT REFRIG. UNIT		8	35	25	1.9 / 0.8			26	20	12	_	DRINK MIXERS SODA DISP	D1				
D1	MACHINE (R) HEE MACHINE	_			27		1.9/1.3		28	20	12	1-	Display case Blender	D1				
D1	YOGURT YOGURT MACHINE	2	8	35	29			2.2/1.3	30	20	12	1-	recpt blender	D1				
D1	MACHINE (L)				31	2.2 0.9			32	20	12	1-	ESPRESSO COOLER	D1				
D1	DIPPING CABINET RECPT	1	12	20	33		0.5 / _{1.2}		34	20	EX	1	J-BOX FOR SIGNAGE	EXIST.				
EXIST.	J-BOX FOR SIGNAGE	1	EX	20	35			1.2 0.2	36	20	EX	1	RECPT - WINDOW	EXIST.				
NEW	DIPPING CABINET	1	12	20	37	0.5 / 0.4			38	20	12	1	MILKSHAKE	NEW				
NEW	DIPPING CABINET	1	12	20	39		1.3/0.4		40	20	12	_	RECPT — COUNTER	NEW				
NEW	TOPPING/DISPLAY UNIT	1	12	20	41			1.0/1.6	42	20	12	1	ICE MACHINE	NEW C				
	TOTAL ADDT'L CO	/Δ	13.3	13.4 44.8	18.1		DFM	MAND	· K'	VA: 33.7								
	PANEL MINIMUN											MAND AMPS: 93.6						

D1 - DEMO EXISTING CIRCUIT AND ALL ASSOCIATED WIRING, DEVICES AND CONDUIT. PROVIDE NEW AS SHOWN ON PLANS.

RECEPT NEC 5.4 5.4 4.0 125% 5.0 KIT. EQUIP 34.4 65% 22.4 MISC. 100% 1.4 100% 0.0 HVAC 0.0 HVAC (LARGEST) 19.8 125% 24.8 70.8 66.3

125%

PANEL H LOAD SUMMARY

5.8

LIGHTS

EXISTING PANEL CIRCUITING BASED ON ELECTRICAL PLANS FOR PREVIOUS TENANT. EC SHALL FIELD VERIFY WITH EXISTING CIRCUITING AS INSTALLED AND NOTIFY ENGINEER IMMEDIATELY PRIOR TO CONSTRUCTION OF ANY ISSUES OR PROBLEMS.

PANEL L LOAD S	SUMMARY		
LIGHTS	3.6	125%	4.5
RECEPT	5.4	NEC	5.4
WH	0.0	100%	0.0
KIT. EQUIP	34.4	65%	22.4
MISC.	1.4	100%	1.4
HVAC	0.0	100%	0.0
HVAC (LARGEST)	0.0	125%	0.0
-	44.8	-	33.7

IT A 208 HAAGENDAZ MD DMC A, M WOO| 255 BE

FIRE ALARM SYMBOL LEGEND

F	FIRE ALARM SYSTEM MANUAL PULL STATION MOUNTED AT 48" A.F.F. TO BOTTOM.
F⊲	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, HORN/STROBE. MH = $+80$ ° A.F.F NEW DEVICES ARE 15 CANDELA UNLESS OTHERWISE NOTED.
Sa	FIRE ALARM SYSTEM ALARM INDICATING DEVICE, STROBE ONLY. MH = $\pm 80^\circ$ A.F.F. NEW DEVICES ARE 15 CANDELA UNLESS OTHER WISE NOTED.
5 D	FIRE ALARM SYSTEM CEILING MOUNTED AUTOMATIC SMOKE DETECTOR CONNECTED TO F.A.C.P.
①	DUCT SMOKE DETECTOR CONNECTED TO F.A.C.P.

GENERAL NOTES

- CONNECT NEW FIRE ALARM DEVICES TO EXISTING FIRE ALARM SYTEM AS REQUIRED.
- FIRE ALARM DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH NFPA 72 AND 'ADA'.
- ALL FIRE ALARM WIRING SHALL BE IN CONDUIT.
- 4. DEVICE QUANTITIES SHALL BE AS INDICATED ON THE PLANS.
- 5. ELECTRICAL CONTRACTOR SHALL PROVIDE A FIRE ALARM LAYOUT PLAN AT THE FACP AND THE ANNUNCIATOR PANEL.
- 6. ELECTRICAL CONTRACTOR TO PROVIDE AUTHORITY HAVING JURISDICTION WITH FIRE ALARM SYSTEM INSTALLATION PLANS FOR FINAL APPROVAL, PRIOR TO INSTALLATION.

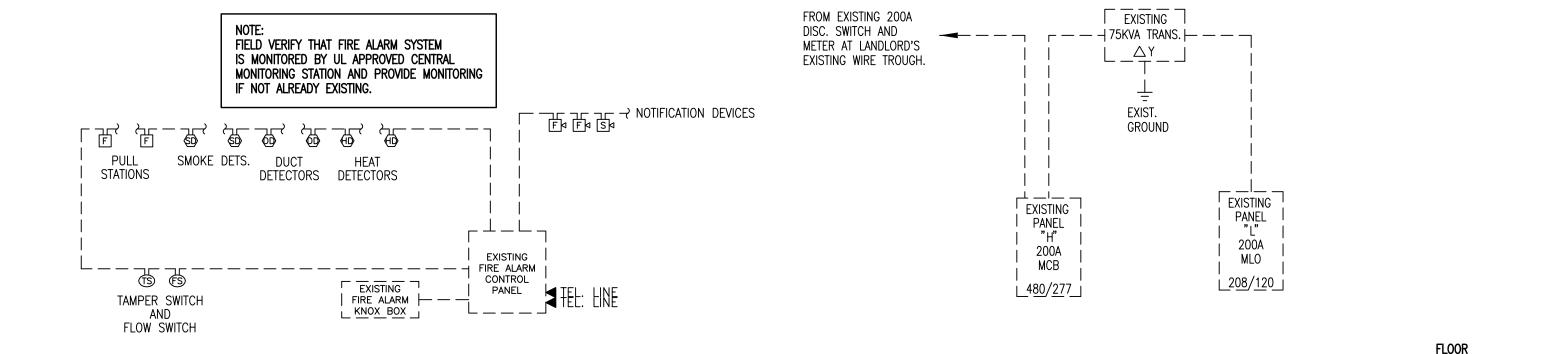
FIRE ALARM SYSTEM SCHEDULE **ACTION** DEVICE TYPE AND LOCATION PULL STATIONS 1,4 SMOKE DETECTORS 1,4 2,3,4 DUCT SMOKE DETECTORS SPRINKLER SYSTEM FLOW SWITCH 1,4 TAMPER SWITCHES 3

ACTION NOTES

- ALARM INPUTS FROM MANUAL PULL STATIONS, SMOKE DETECTORS, OR DUCT DETECTORS SHALL ACTIVATE AUDIBLE/VISUAL SIGNALS IN THE BUILDING, AND CAUSE APPROPRIATE RESPONSE OF CONTROLLED FUNCTIONS. FACP SHALL USE DIGITAL DIALER TO REPORT TO U.L. LISTED CENTRAL MONITORING STATION, MONITORING STATION REQUIREMENTS SHALL BE COORDINATED WITH OWNER AS REQUIRED.
- 2. ALARM INPUT SHALL CAUSE RESPECTIVE AIR HANDLERS TO SHUT DOWN.

TROUBLE SIGNAL FROM ANY DEVICE

- 3. BUZZER SHALL SOUND AT FACP ONLY AND CENTRAL MONITORING STATION SHALL BE ALERTED TO TROUBLE. DUCT DETECTORS SHALL CAUSE SUPERVISORY SIGNAL ONLY (NOT ALARM)
- 4. THREE BEAT TEMPORAL PATTERN REQUIRED.



FIRE ALARM RISER DIAGRAM DIAGRAMMATIC

CP - PROVIDE CORD AND PLUG.

NOTE: DASHED LINES REPRESENT EXISTING TO REMAIN.



LAS VEGAS, NV SHEET TITLE ELECTRICAL **COVER SHEET**

DESIGN SERVICES

PLUS, INC.

DESIGN, PLANNING

AND DEVELOPMENT

SUITE 700

IOI CONVENTION CENTER DR.

ISSUED 1-17-10 DWG NO.

CAD FILE NAME

SCALE 1/4"=1'-0" CHECKED JCT SCHEMATIC : DOCUMENT : RECORD DOCUMENT DOCUMENT END DOCUMENT PROJECT NO. ISSUE DATE: A.T.P. DATE:

LIGHTING FIXTURE SCHEDULE LAMP DATA FIXTURE CATALOG LENS BALLAST DATA MARK **MOUNTING** DESCRIPTION MANUF. IF APPLICABLE VOLTAGE WATTS NUMBER TYPE NO. TYPE 2'x4' RECESSED FLUORESCENT FIXTURE W/ ACRYLIC PRISMATIC LENS AND ULTRA T8 LAMP. 2GR8-332A-UNV-GE F32T8/SP30 **ACRYLIC** 120 METALUX LAY-IN ELECTRONIC PRISMATIC ADV-EEX IS/WM/ECO

LIGHTING FIXTURE SCHEDULE NOTES:

- 1. PROVIDE ALL FIXTURES COMPLETE WITH LAMPS.
- 2. ALL INCANDESCENT LAMPS SHALL BE RATED 130 VOLTS.
- 3. ALL BALLASTS SHALL BE HIGH POWER FACTOR. FLUORESCENT BALLASTS FOR T8 LAMPS TO
- BE OSRAM/SYLVANIA OR MAGNATEK FULL-OUTPUT ELECTRONIC.
- 4. PROVIDE HOLD DOWN CLIPS FOR EACH CORNER OF FLUORESCENT GRID TROFFERS.
- 5. PROVIDE ALL REQUIRED MOUNTING OR HANGING HARDWARE.
- 6. COORDINATE AND VERIFY ALL FIXTURE INFORMATION, TYPES AND FINAL LOCATIONS WITH THE REFLECTED CEILING PLAN.
- 7. LAMPS SHALL BE AS MANUFACTURED BY SYLVANIA, WESTINGHOUSE, GENERAL ELECTRIC, OR 8. APPROVED EQUAL.

J. Corbett Thomason, P.E.

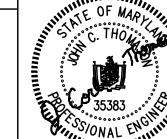
2120 DILWORTH RD. EAST CHARLOTTE, NC 28203 TEL (704) 333-1020 FAX (704) 333-1008 EMAIL Corbett@ CorbettEngineering.com

CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THIS DRAWING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

LICENSE NUMBER: 35383

EXPIRATION DATE: 1-14-2012 Date: ____3-28-11 ENGINEER'S SIGNATURE HERE



PRINTS ISSUED

WOODNAL ENTINE	•
3-28-11	

NO	DESCRIPTION	DATE	BY

REVISIONS

DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM AND THE ARCHITECT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM AND ARCHITECTS CONSULTANTS SHALL BE DEEMED THE AUTHORS AND OWNERS OF THEIR RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING COPYRIGHTS.

7255 WOODMONT AVE BETHESDA, MD 20814 HAAGENDAZS



PLUS, INC. DESIGN, PLANNING AND DEVELOPMENT

SUITE 700 IOI CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE ELECTRICAL

PLANS

CAD FILE NAME		
DRAWN JCT	ISSUED	1-17-10
CHECKED JCT	SCALE	1/4"=1'

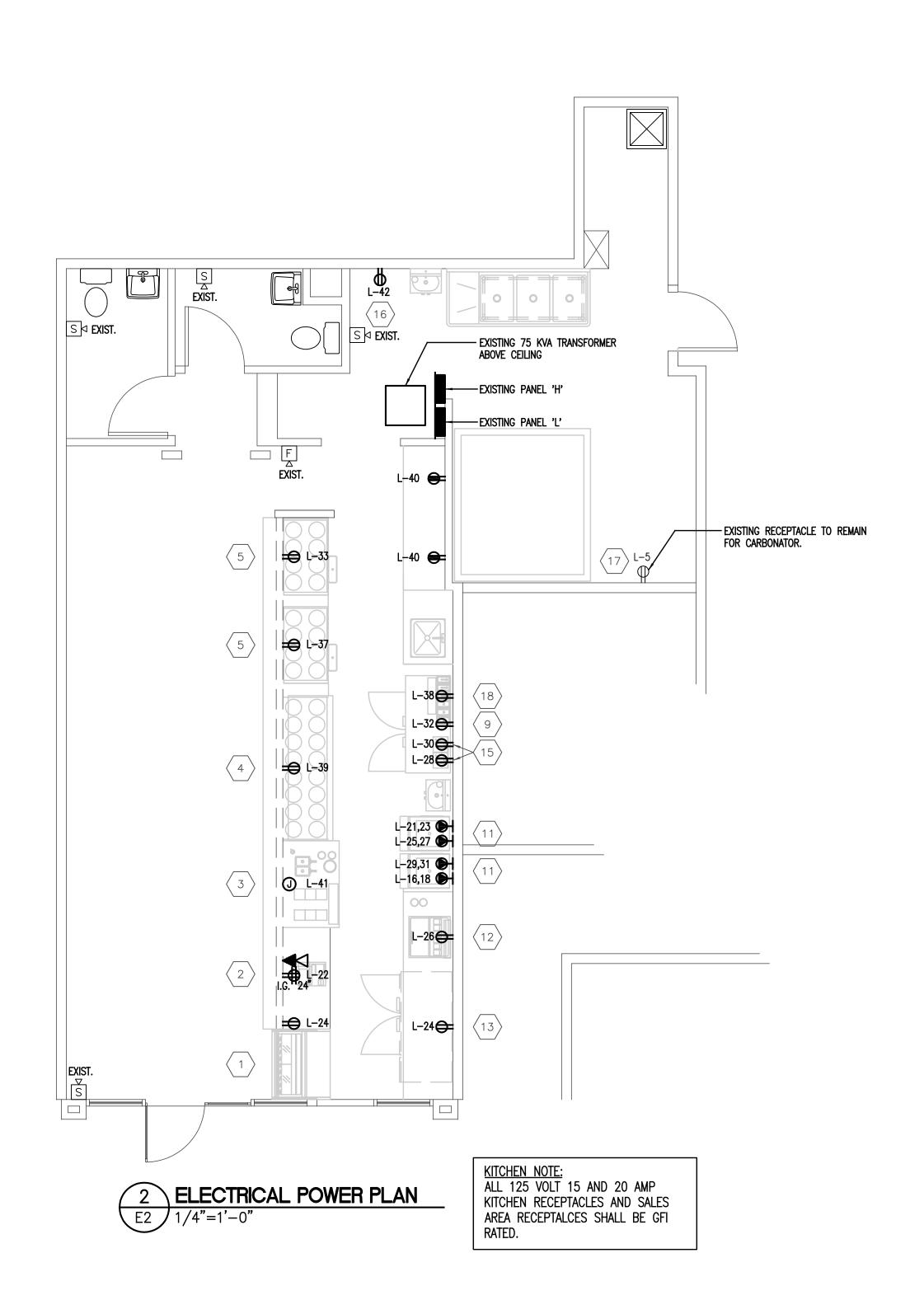
RECORD :< DOCUMENT :

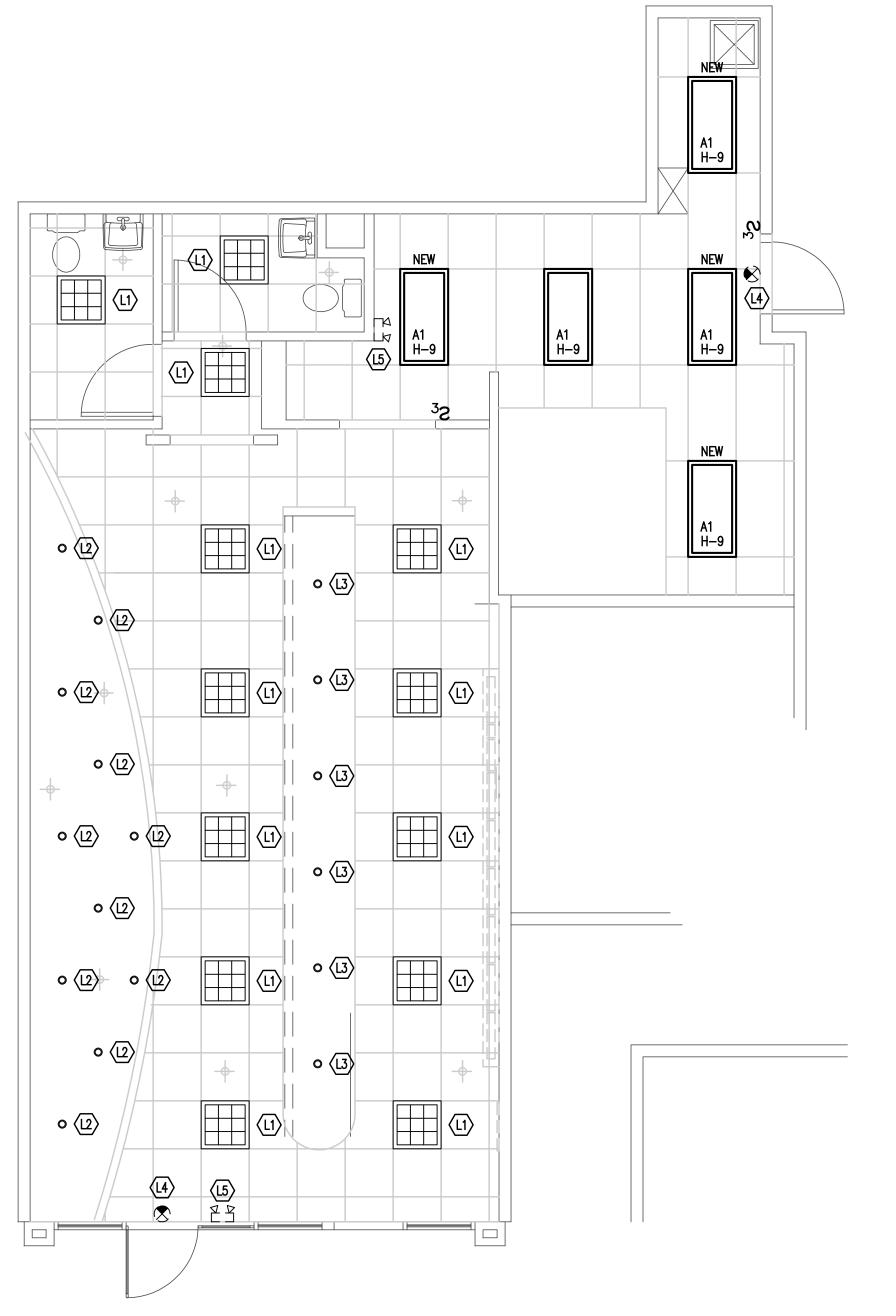
END

PROJECT NO. E-2

LIGHTING KEYED NOTES

- (L1) EXISTING 2x2 PARABOLIC LIGHT FIXTURE TO REMAIN. CLEAN AND RELAMP.
- (L2) EXISTING RECESSED CAN LIGHT TO REMAIN. CLEAN AND RELAMP.
- (L3) EXISTING PENDANT MOUNTED LIGHT FIXTURE TO REMAIN. CLEAN AND RELAMP.
- (L4) EXISTING EMERGENCY EXIT SIGN TO REMAIN.
- (L5) EXISTING EMERGENCY LIGHT TO REMAIN.





ELECTRICAL LIGHTING PLAN

1. ALL EXIT, NIGHT LIGHT AND EMERGENCY LIGHT FIXTURES SHALL BE CIRCUITED TO AN UNSWITCHED LEG OF THE NEAREST LOCAL LIGHTING CIRCUIT.

J. Corbett Thomason, P.E.

2120 DILWORTH RD. EAST CHARLOTTE, NC 28203 TEL (704) 333—1020 FAX (704) 333—1008 EMAIL Corbett@ CorbettEngineering.com

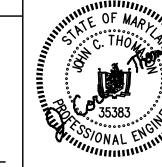
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LICENSE NUMBER: 35383 EXPIRATION DATE: 1-14-2012

ENGINEER'S SIGNATURE HERE

Date: <u>3-28-11</u>



THOUSE MAN	
35383	
35383 35383	
3–28–11	

PRINTS ISSUED

		E	Q U	I P M	ΕN	Т	S C H	E D U	LE										
n Qty Equipment Categor	y Manufacturer	Model Number Equip Dimensions	sdı	KW HP	Volts	Phase Cycle	Direct Plug NEMA	Electrical AFF (in) Electrical ACH (in)	ical 	Cold Water Size (in) Cold Water AFF (in)	Cold Water ACH (in)	Hot Water Size (in) Hot Water AFF (in) Hot Water ACH (in)	Direct Drain Size (in)	Size (in) Gas Size (in) MBTUH	AFF (in) Gas	gds Rough—In	Equipment Remarks	NO D	ESCRIPTION DA
1 DISPLAY CASE	FRIGIDAIRE	FPD-3	13.1	1.0	115	1 60	X 5-15	P 24										REVIS	IONS
1 CASH REGISTER	SAMSUNG	SER-7000			115	1 60	X 5-15	P 24										DRAWING	S, SPECIFICATIONS AND OTHER DOCUMENTS INCLUDIN INIC FORM, PREPARED BY THE ARCHITECT, ITS FIRM A
1 CUSTOM	SWEET SPOT	CKDC-87		1.0	115	1 60	X										PROVIDE J-BOX AT FLOOR	ARCHITE WITH RE	CT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR SPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM
1 DIPPING CABINET	KELVINATOR	CKDC-87	10.5	3/4	115	1 60	X 5-15	P 24				0.25	1	.0				ARCHITE OF THE	CT'S CONSULTANT ARE INSTRUMENTS OF SERVICE FOR SPECT TO THIS PROJECT. THE ARCHITECT, ITS FIRM CTS CONSULTANTS SHALL BE DEEMED THE AUTHORS R RESPECTIVE INSTRUMENTS OF SERVICE AND SHALL LAW, STATUTORY AND OTHER RESERVED RIGHTS, INC
2 DIPPING CABINET	KELVINATOR	KDC-47	4.0	1.0 1/3	115	1 60	X 5-15	P 24				0.25	1	.0				COMMON	I LAW, STATUTORY AND OTHER RESERVED RIGHTS, INC HTS.
1 SS TABLE	CUSTOM	CUSTOM																	
1 Sink, Drop-In	Advance Tabco	DI-1-2012								0.5 12		0.5 12	1	.5					
1 Milk Cooler	Beverage-Air	MS58-W	7.2	1/3	115	1 60	X 5-15	P 24											
2 Sink, Hand, Wall Mount	Eagle Group/Metal Masters	HSA-10-FDPK								0.5 18		0.5 18	1.5						
2 SOFTSERV	TAYLOR	794	L 27 R 23	(2) @ 1-1/2		1 60	X PER MANUF 2P 3V	- .									LEFT — 27.0 MCA, 35A MAX. FUSE RIGHT — 23 MCA, 35 MAX. FUSE SEE NOTE 1.		
1 SODA DISPENSER	COKE	6-HEAD	3.7		115	1 60	X 5-15	P 15		0.25			1	.0					
1 Refrigerator, Undercoun	er Beverage-Air	UCR67A	4.0	1/4	115	1 60	+++-												
1 Sink, Scullery, 3 Comp		EXISTING															EXISTING TO REMAIN		
2 SMOOTHIE MACHINE	VITA MIX	#1233-LBL185 & #36001/15566	11.2		115	1 60	X 5-20	P 28											
1 ICE MACHINE	HOSHIZAKI	#KM-500MAE / B-300PD	13.0				X 5-20			0.5 96			3/3	4.8			PROVIDE VACUUM BREAKER & SYSTEM IV WATER FILTER SYSTEM #BD900		
1 CARBONATOR	CORNELIUS	#416424	6.0	1/3	115	1 60	X 5-20	P 86		0.5 82							PROVIDE CUNO WATER FILTER		
1 MILK SHAKE MACHINE	HAMILTON BEACH	#950		0.375 (3)1/7			X 5-20												

NOTE 1. ELECTRICAL DATA FOR SOFT SERVE MACHINES IS BASED ON AIR COOLED MODEL AND 208V—1PH. EC SHALL FIELD VERIFY
WITH ACTUAL NAMEPLATE DATA PRIOR TO BEGINNING CONSTRUCTION AND NOTIFY G.C. ARCHITECT AND ENGINEER IF WATER COOLED AND/OR 3—PHASE.

7255 WOODMONT AVE BETHESDA, MD 20814 HAAGENDAZS



DESIGN SERVICES

PLUS, INC.

DESIGN, PLANNING
AND DEVELOPMENT

SUITE 700 IOI CONVENTION CENTER DR. LAS VEGAS, NV

SHEET TITLE KITCHEN **EQUIPMENT**

SCHEDULE CAD FILE NAME DRAWN JCT ISSUED 1-17-10

	START	: SCHEMAT		N DEVELOPMENT		RUCTION :	BL	JY : JMENT :	CONT	EACT.	RECORD DOCUMENT	:<====	CHECKED,	ICT	SCALE 1	1/4"=1'-0"	
		DOCUMEN				UMENT		· · ·	DOCU		DOCOMENT >	END	APPR	ICT	DWG NO.		
SUE DATE:	•	• •	•	•	•	•	•	•		•	•	•	PROJECT	NO.	_		
' :	•	• •	•	•	•	•	•	•		•	•	•			-	3	
T.P. DATE:		•	•	•	•		•	:		•	•	:	_		L		
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PLUMBING GENERAL NOTES PLUMBING LEGEND **GENERAL REQUIREMENTS:** . SCOPE: PROVIDE ALL LABOR, MATERIAL AND EQUIPMENT REQUIRED FOR THE COMPLETION AND OPERATION OF ALL SYSTEMS IN THIS SECTION OF WORK IN ACCORDANCE WITH ALL ----- DOMESTIC COLD WATER PIPING EXIST. DOMESTIC COLD WATER PIPING PERMITS: APPLY FOR AND PAY FOR ALL NECESSARY PERMITS, FEES, AND INSPECTIONS REQUIRED BY ANY PUBLIC AUTHORITY HAVING JURISDICTION. ---- DOMESTIC HOT WATER PIPING WARRANTY: PROVIDE ALL MATERIALS AND EQUIPMENT UNDER THIS SECTION OF THE ----- EXIST. DOMESTIC HOT WATER PIPING SPECIFICATIONS WITH A ONE YEAR WARRANTY FROM THE DATE OF ACCEPTANCE OF WORK BY ---- VENT PIPING COORDINATION: VERIFY ALL ROUGH—IN LOCATIONS AND COORDINATE PIPING AND EQUIPMENT LOCATIONS WITH WORK UNDER OTHER DIVISIONS OF THE SPECIFICATIONS TO ---- FXIST, VENT PIPING AVOID CONFLICTS. CONTRACTOR MUST COORDINATE WITH OTHER TRADES FOR ALL STRUCTURES, PIPING, CONDUIT, DUCTWORK, LIGHTING, ETC. TO PROPERLY BE INSTALLED. ANY CONFLICTS SHALL BE RESOLVED AT NO CHARGE TO THE OWNER. COORDINATE WASTE (SANITARY SEWER) INSTALLATION OF ALL PLUMBING LINES AT CMU WALLS SO THAT PLUMBING LINES ARE PLACED IN WALL DURING CMU WALL CONSTRUCTION. CUTTING AND PATCHING OF CMU ---- (E) ---- Exist. Waste (Sanitary Sewer) WALLS IN PLACE WILL NOT BE PERMITTED. ------ DOMESTIC FILTERED WATER PIPING FIELD VERIFICATION: FIELD VERIFY EXISTING CONDITIONS BEFORE STARTING CONSTRUCTION AND NOTIFY THE ARCHITECT/ENGINEER OF RECORD OF ANY DISCREPANCIES BETWEEN THE FW — GREASE WASTE CONSTRUCTION DOCUMENTS AND EXISTING CONDITIONS AND/OR ANY POTENTIAL PROBLEMS OBSERVED BEFORE CONTINUING WORK IN THE EFFECTED AREAS. $\longrightarrow \bigvee \longrightarrow$. PLUMBING SYSTEMS INCLUDE. BUT ARE NOT LIMITED TO: - PLUMBING FIXTURES AND EQUIPMENT BALANCING VALVE FIRE STOPPING - DOMESTIC WATER SYSTEM - SANITARY WASTE AND VENT SYSTEM PIPE UP PIPE DOWN PROVIDE COMPLETE FIXTURES AND INCLUDE SUPPLIES, STOPS, VALVES, FAUCETS, DRAINS, TRAPS, TAIL PIECES, ESCUTCHEONS, ETC. FIXTURE DESIGNATION FIRE STOPPING: TIE-IN TO EXISTING LINE, VERIFY INVERT, FLOW FIRE STOP ALL PENETRATIONS, BY PIPING OR CONDUITS, OF FIRE RATED WALLS, FLOORS DIRECTION, EXACT SIZE, ETC. AND PARTITIONS. PROVIDE A DEVICE(S) OR SYSTEM(S) WHICH HAS BEEN TESTED AND LISTED AS COMPLYING WITH ASTM E-814 AND INSTALL IN ACCORDANCE WITH THE CONDITIONS OF THEIR LISTING. PROVIDE A DEVICE(S) OR SYSTEM(S) WITH AN 'F' RATING PROVIDE POINT OF USE MIXING VALVE AT HAND EQUAL TO THE RATING OF THE ASSEMBLY BEING PENETRATED. SINK/LAV SET TO 105 DEG. F. **DOMESTIC WATER PIPING:** AAV AIR ADMITTANCE VALVE EQUAL TO STUDOR MAXI VENT FURNISH AND INSTALL A COMPLETE SYSTEM OF HOT AND COLD WATER, AND WASTE PIPING ABV ABOVE FROM EXISTING SUPPLIES TO ALL FIXTURES AND/OR EQUIPMENT REQUIRING THIS SERVICE. VERIFY LOCATION OF BEGINNING POINTS. AFF ABOVE FINISHED FLOOR . DOMESTIC WATER PIPING BELOW GRADE: CW COLD WATER SOFT ANNEALED SEAMLESS COPPER TUBING, TYPE 'K' WITH NO JOINTS BELOW GRADE DN DOWN (ASTM B 88). FCO FLOOR CLEAN OUT 3. DOMESTIC WATER PIPING AND JOINTS ABOVE GRADE: HARD DRAWN SEAMLESS COPPER FD FLOOR DRAIN TUBING, TYPE 'L' WITH 95-5 SILVER SOLDERED JOINTS (ASTM B 88). FR FROM 4. STERILIZE DOMESTIC WATER PIPING IN ACCORDANCE WITH THE AMERICAN WATER WORKS HW HOT WATER ASSOCIATION'S SPECIFICATIONS AND LOCAL HEALTH DEPARTMENT REGULATIONS. P.C. PLUMBING SUB-CONTRACTOR INSULATE DOMESTIC WATER PIPING ABOVE GRADE (EXCEPT EXPOSED CONNECTIONS TO V VENT PLUMBING FIXTURES) WITH ENGINEERED POLYMER FOAM INSULATION OR FIBERGLASS WITH <u>w</u> waste FITTING INSERTS AND PVC COVERS. FOLLOW THIS SCHEDULE: WCO WALL CLEANOUT PIPE SIZE INS. THICKNESS DOMESTIC HOT WATER (105'-140'F) $\frac{1}{2}$ " - $1\frac{1}{2}$ " DOMESTIC HOT WATER CIRCULATION DOMESTIC COLD WATER DOMESTIC WATER PIPING INSULATION, JACKETS, COVERINGS, SEALERS, MASTICS AND ADHESIVES ARE REQUIRED TO MEET A FLAME-SPREAD RATING OF 25 OR LESS AND A SMOKE-DEVELOPED RATING OF 50 OR LESS, AS TESTED BY ASTM E84 (NFPA 255) 8. DO NOT INSTALL DOMESTIC WATER PIPING IN AREAS SUBJECT TO FREEZING TEMPERATURES. INSTALL WATER PIPING IN EXTERIOR WALLS ON THE CONDITIONED SIDE OF THE WALL). SHUT OFF VALVES: PROVIDE FULL PORT, BALL TYPE, AND INSTALL IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT DAMAGE TO THE BUILDING OR FINISHED MATERIALS. |No |Qty|Equipment Category 10. PROTECT COPPER PIPING AGAINST CONTACT WITH DISSIMILAR METALS. ALL HANGERS. 1 DISPLAY CASE SUPPORTS, ANCHORS, AND CLIPS SHALL BE COPPER OR COPPER PLATED. WHERE COPPER PIPING IS CARRIED ON IRON TRAPEZE HANGERS WITH OTHER PIPING, PROVIDE A 1 CASH REGISTER Permanent electrolytic isolation material to prevent contact with other metals. 1 CUSTOM 1. PROTECT COPPER PIPING AGAINST CONTACT WITH ALL MASONRY. WHERE COPPER IS SLEEVED THROUGH MASONRY, PROVIDE COPPER OR RED BRASS SLEEVES. WHERE COPPER 1 DIPPING CABINET MUST BE CONCEALED IN OR AGAINST MASONRY PARTITIONS, PROVIDE A HEAVY COATING OF

ASPHALTIC ENAMEL ON THE COPPER PIPING AND 15# ASPHALT SATURATED FELT BETWEEN

FURNISH AND INSTALL COMPLETE SYSTEMS OF SOIL, WASTE, AND VENT PIPING FROM ALL

SANITARY WASTE AND VENT PIPING AND FITTINGS: SERVICE WEIGHT CAST IRON, HUB AND SPIGOT TYPE WITH COMPRESSION JOINTS (ASTM A 74) OR NO-HUB PIPING WITH

4. SLOPE SANITARY WASTE PIPING 2½" AND SMALLER AT ½" PER FOOT MIN. SLOPE SANITARY

. WHERE WASTE PIPING IS EXPOSED IN REST ROOM AREAS, PROVIDE CHROME PLATED BRASS

DAMAGE TO THE BUILDING OR FINISHED MATERIALS. CLEANOUT PLUGS SHALL BE INSTALLED

IN ACCORDANCE WITH PLUMBING CODE REQUIREMENTS AT EACH CHANGE IN DIRECTION.

PROPERLY SUPPORT AND BRACE VERTICALLY AND HORIZONTALLY ALL PIPING, APPARATUS, EQUIPMENT, ETC. IN ACCORDANCE WITH APPLICABLE CODES TO PREVENT EXCESSIVE

VERIFY BACKFLOW PREVENTOR REQUIREMENTS OF LOCAL AUTHORITY AND PROVIDE BACKFLOW

PREVENTION DEVICES AS REQUIRED. COORDINATE LOCATION WITH OTHER TRADES.

PIPING. WITH MATCHING STOPS AND ESCUTCHEONS. PROVIDE REMOVABLE TRAPS WITH

INSTALL CLEAN-OUTS IN A LOCATION THAT PERMITS ACCESS FOR SERVICE WITHOUT

. INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFORE WASTE PIPING IS

BE CONCEALED IN THE BUILDING CONSTRUCTION WHERE POSSIBLE.

INSTALLED IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED.

WASTE PIPING 3" AND LARGER AT 1/8" PER FOOT MINIMUM.

INTEGRAL CLEAN-OUT PLUG FOR ALL LAVATORIES.

MOVEMENT DURING SEISMIC CONDITIONS.

PLUMBING FIXTURES, AND/OR OTHER EQUIPMENT. ALL SOIL, WASTE AND VENT LINES SHALL

THE PIPING AND THE MASONRY PARTITION.

SANITARY WASTE AND VENT PIPING:

COUPLINGS (CISPI 301).

SEISMIC REQUIREMENTS:

BACKFLOW PREVENTION:

ICE MACHINE CARBONATOR WATTS MODEL: SD-3 DUAL CHECK VALVE SODA DISPENSER WATTS MODEL: SD-3 DUAL CHECK VALVE MOP SINK (EXIST.) INTEGRAL ATMOSHPHERIC VACUUM BREAKER SI NOTES: 1. P.C. SHALL VERIFY BACKFLOW REQUIREMENT WITH LOCAL CODE OFFICIALS. 2. P.C. SHALL INSTALL PER MANUFACTURERS RECOMMENDATIONS, AND PIPE VENT TO DRAIN W	EQUIPMENT	BACKFLOW PREVENTER
SODA DISPENSER WATTS MODEL: SD—3 DUAL CHECK VALVE MOP SINK (EXIST.) INTEGRAL ATMOSHPHERIC VACUUM BREAKER SI NOTES: 1. P.C. SHALL VERIFY BACKFLOW REQUIREMENT WITH LOCAL CODE OFFICIALS.	CE MACHINE	WATTS SERIES 7
MOP SINK (EXIST.) INTEGRAL ATMOSHPHERIC VACUUM BREAKER SI NOTES: 1. P.C. SHALL VERIFY BACKFLOW REQUIREMENT WITH LOCAL CODE OFFICIALS.	CARBONATOR	WATTS MODEL: SD-3 DUAL CHECK VALVE
NOTES: 1. P.C. SHALL VERIFY BACKFLOW REQUIREMENT WITH LOCAL CODE OFFICIALS.	SODA DISPENSER	WATTS MODEL: SD-3 DUAL CHECK VALVE
P.C. SHALL VERIFY BACKFLOW REQUIREMENT WITH LOCAL CODE OFFICIALS.	MOP SINK (EXIST.)	INTEGRAL ATMOSHPHERIC VACUUM BREAKER SPOU
NEEDED INDIRECTLY WITH 2" (MIN.) AIR GAP. 3. P.C. SHALL USE PLASTIC TUBING APPROVED FOR POTABLE WATER DOWNSTREAM OF THE BACKFLOW PREVENTER FOR THE CARBONATOR.	NEEDED INDIRECTLY WITH 2" (MIN.) AI 3. P.C. SHALL USE PLASTIC TUBING APP	IR GAP. PROVED FOR POTABLE WATER DOWNSTREAM OF THE

PLUMBING NOTES

MAKE FINAL CONNECTIONS TO ALL LESSEE'S OR FRANCHISE OWNER'S

EQUIPMENT AND FURNISH AND INSTALL ANY FITTINGS OR INCIDENTAL

MAY BE REQUIRED BY LOCAL BUILDING OR HEALTH CODES FOR

OPERATION.

MAKE ALL FINAL CONNECTIONS.

BEFORE INSTALLATION.

CONNECTIONS.

ACCESSORIES THAT MAY BE NECESSARY BY JOB CONDITIONS OR THAT

COMPLETING FINAL CONNECTIONS AND MAKING EQUIPMENT READY FOR

ALL KITCHEN AND SALES AREA EQUIPMENT SHALL BE FURNISHED AND

EQUIPMENT SHALL BE FURNISHED WITH TRIM AND FAUCETS, EXCEPT AS

INSTALLED EXCEPT AS NOTED. (SEE DRAWINGS EQ-1 THRU EQ-4)

NOTED. PLUMBING CONTRACTOR SHALL PROVIDE ROUGH—IN AND

ALL PIPING IS SHOWN DIAGRAMMATICLY, EXACT LOCATIONS SHALL BE

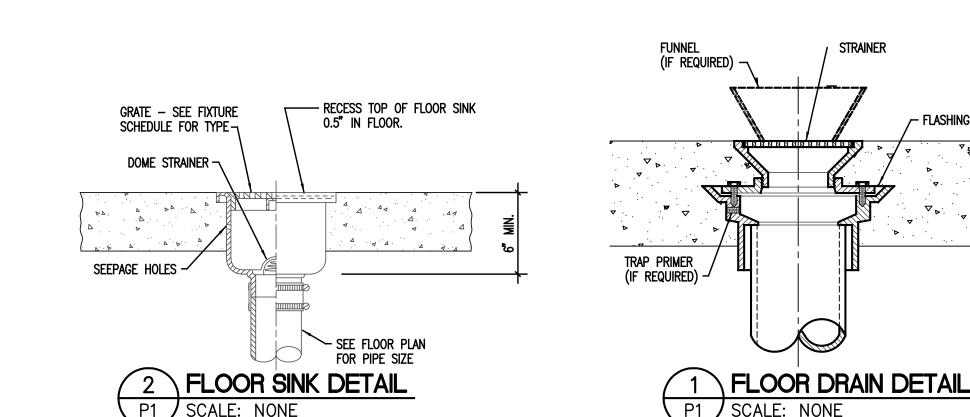
DETERMINED IN THE FIELD. EQUIPMENT LOCATIONS INDICATED ARE

REFER TO INTERIOR ELEVATIONS FOR EXACT LOCATIONS OF PLUMBING

5. SEE SHEET EQ-1 FOR EQUIPMENT CONNECTION REQUIREMENTS.

6. BACK BAR FITTINGS AND EXPOSED PIPE SHALL BE CHROME PLATED.

APPROXIMATE. COORDINATE EXACT LOCATIONS WITH ALL TRADES



CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THIS DRAWING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

SCHEMATIC : DOCUMENT : CONSTRUCTION : DOCUMENT : DOCUMENT :

ISSUE DATE:

A.T.P. DATE:

LICENSE NUMBER: 35383 EXPIRATION DATE: 1-14-2012

ENGINEER'S SIGNATURE HERE

J. Corbett

Thomason, P.E.

2120 DILWORTH RD. EAST

CHARLOTTE, NC 28203

TEL (704) 333-1020

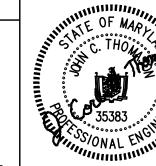
CorbettEngineering.com

FAX (704) 333-1008

EMAIL Corbett@

Date: 3-28-11

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3-28-11

YEAR: 2011

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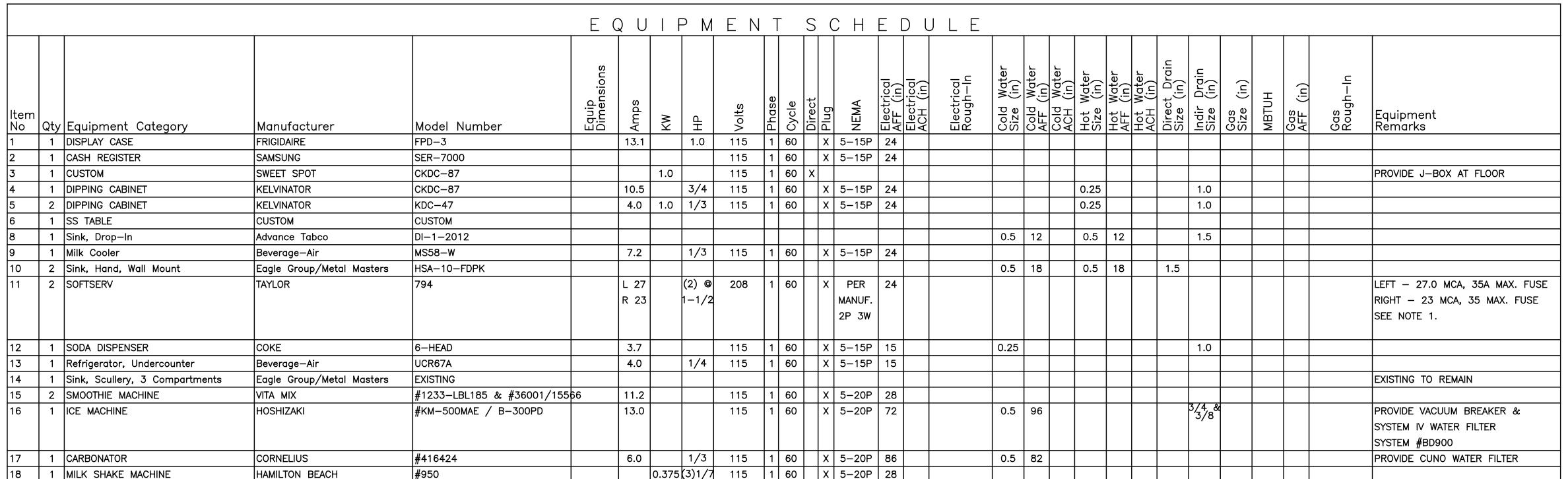
SHEET TITLE PLUMBING

LAS VEGAS, NV

COVER SHEET

	DRAWN JCT	ISSUED 1-17-10
T :	CHECKED JCT	SCALE 1/4"=1'-0"
T : END	APPR. JCT	DWG NO.
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NOTE 1. ELECTRICAL DATA FOR SOFT SERVE MACHINES IS BASED ON AIR COOLED MODEL AND 208V-1PH. EC SHALL FIELD VERIFY WITH ACTUAL NAMEPLATE DATA PRIOR TO BEGINNING CONSTRUCTION AND NOTIFY G.C. ARCHITECT AND ENGINEER IF WATER COOLED AND/OR 3-PHASE.

FIRE PROTECTION

- 1. EXISTING AUTOMATIC WET SPRINKLER SYSTEM SHALL BE MODIFIED AS REQUIRED FOR ALL RENOVATED AREAS. ADDITIONAL SPRINKLER HEADS SHALL BE ADDED AS REQUIRED.
- 2. THE SYSTEM SHALL BE IN ACCORDANCE WITH NFPA-13, REQUIREMENTS OF THE FIRE MARSHALL, AND REQUIREMENTS OF THE OWNERS INSURANCE COMPANY.
- 3. ALL COMPONENTS USED IN THE SPRINKLER SYSTEM SHALL BE UL APPROVED FOR USE WITH SPRINKLERS.
- 4. THE DESIGN (HYDRAULIC CALCULATIONS, MATERIALS AND ACTUAL LAYOUT) SHALL BE BY A SPECIALTY ENGINEER, WHO IS A PROFESSIONAL ENGINEER LICENSÉD FOR FIRE PROTECTION DESIGN. THE DESIGN SHALL BE SIGNED AND SEALED BY THAT ENGINEER.
- 5. PRIOR TO HYDRAULIC CALCULATIONS, OBTAIN APPROVED FIRE FLOW DATA (GPM AND PRESSURE) FROM THE NEAREST WATER SUPPLY, FROM THE FIRE MARSHALL.
- 6. THE DESIGN SHALL INCLUDE AN OUTLINE OF ALL DUCTWORK, LIGHTS AND OTHER OBSTRUCTIONS (DO NOT ROUTE PIPING THROUGH THE DUCTWORK) TO SHOW PROPER INSTALLATION OF ALL SPRINKLER WORK. THE GENERAL CONTRACTOR SHALL COORDINATE CLEARANCES WITH THE SPRINKLER PIPING, AND ALL TRADES AFFECTED SHALL "SIGN OFF" ON THE DESIGN PRIOR TO FABRICATION OR INSTALLATION.
- 7. SPRINKLERS IN AREAS WITH CEILINGS SHALL BE CHROME PLATED WITH TWO PIECE CP ESCUTCHEON PLATES.
- 8. PROVIDE ALL REQUIRED DEVICES AND COMPONENTS, FOR INTER-LOCK WIRING WITH THE ALARM BELL OR CENTRAL STATION MONITORING, WHERE REQUIRED BY THE FIRE MARSHALL.
- 9. THE DESIGN SHALL BE SUBMITTED TO AND APPROVED BY THE FIRE MARSHALL PRIOR TO FABRICATION OR INSTALLATION.
- 10. THE DESIGN SHALL BE SUBMITTED TO AND APPROVED BY THE OWNERS INSURANCE COMPANY PRIOR TO FABRICATION OR INSTALLATION.

J. Corbett Thomason, P.E.

2120 DILWORTH RD. EAST CHARLOTTE, NC 28203 TEL (704) 333-1020 FAX (704) 333-1008 EMAIL Corbett@ CorbettEngineering.com

EXIST.

EXIST.

WALK-IN

COOLER

/ダ" CW AND HW DOWN IN WALL TO BELOW COUNTER TO MIXING VALVE PROVIDED BY P.C.

MOP SINK

- FIELD ROUTE AND CONNECT NEW 34" COLD WATER AND HOT WATER INTO EXISTING 1" OR LARGER MAIN PLUMBING LINES IN THIS AREA. PC

SHALL FIELD COORDINATE ACTUAL

TIE-IN LOCATION AND SIZE WITH

LANDLORD AND GC PRIOR TO

CONSTRUCTION.

1/3" CW DOWN IN WALL AND

MACHINE. PROVIDE

EXISTING RESTROOM TO REMAIN. NO

WORK IN THIS AREA.

1/2" TEMPERED HOT WATER UP THRU SLAB TO DIPPER WELL. PROVIDE 1/4 TURN SHUT-OFF VALVE AT DIPPER WELL. (TYP. 3)

2 PLUMBING WATER SUPPLY PLAN

EXISTING RESTROOM

WORK IN THIS AREA.

TO REMAIN. NO

BRANCH TO CONNECT TO ICE

SHUT-OFF VALVE AND WATER

FILTER AS RECOMMENDED BY

1/3" TEMPERED HOT

WATER UNDER SLAB.—

THE MANUFACTURER.—

CERTIFICATION STATEMENT

I HEREBY CERTIFY THAT THIS DRAWING WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.

FIELD ROUTE AND CONNECT NEW 2"

LICENSE NUMBER: 35383 EXPIRATION DATE: 1-14-2012

ENGINEER'S SIGNATURE HERE

35383

Date: 3-28-11

3-28-11

PRINTS ISSUED

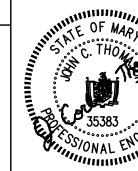
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YEAR: 2011

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VENT INTO EXISTING 2" MAIN VENT LINE IN THIS AREA AS REQUIRED. PC SHALL FIELD COORDINATE ACTUAL TIE-IN LOCATION WITH LANDLORD AND GC PRIOR TO CONSTRUCTION. FIELD ROUTE AND CONNECT NEW 4" EXIST. SANITARY WASTE INTO EXISTING 4" <u></u>______ MOP SINK SANITARY WASTE IN THIS AREA. PC SHALL FIELD COORDINATE ACTUAL TIE-IN LOCATION, INVERT AND FLOW DIRECTION WITH LANDLORD AND GC PRIOR TO CONSTRUCTION. — 3" HUB EXISTING RESTROOM TO REMAIN. NO WORK IN THIS AREA. EXISTING RESTROOM 3-COMP SINK TO REMAIN. NO WORK IN THIS AREA. WALK-IN 3"FS-1 <u>3"FS-1</u> $\langle 4 \rangle$ 3"FS-1

1 PLUMBING SANITARY WASTE + VENT PLAN

COORDINATION NOTE: FIELD COORDINATE FINAL LOCATION OF ALL FLOOR SINKS AND HUB DRAINS WITH EQUIPMENT AND G.C. PRIOR TO CONSTRUCTION.



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SHEET TITLE PLUMBING **PLANS**

	CAD FILE NAME		
	DRAWN JCT	ISSUED	1-17-10
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