TENANT IMPROVEMENT HOT STAR 950 E. COLORADO BLVD. PASADENA CA91106 HEALTH DEPARTMENT NOTES N.T.S FIRE PREVENTION NOTES PROJECT SUMMARY 1) EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR ALL EQUIPMENT SHALL MEET NATIONAL SANITATION FOUNDATION DESIGN 1.) TYPE OF OCCUPANT GROUP: B WHEN SERVING AN OCCUPANT LOAD OF 50 OR MORE. AND INSTALLATION REQUIREMENTS TO IT'S EQUIPMENT. 2.) TYPE OF CONSTRUCTION : V- B (FIRE SPRINKLER) 2) EXIT DOOR SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. LIGHT FIXTURES IN FOOD PREPARATION, OPEN FOOD STORAGE AND REQUIREMENT 1 EXIT, PROVIDE 2 EXITS 3) WIDTH AND HEIGHT OF REQUIRED EXIT DOORWAYS TO COMPLY WITH CBC2013 SECTION 1005 UTENSIL WASHING AREAS ARE TO BE PROTECTED AGAINST BREAKAGE 3.) TOTAL AREA: 1106 SF. 4) EXITS SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED, WITH LIGHT HAVING AN THROUGH THE USE OF PLASTIC SHIELDS, PLASTIC SLEEVES, SHATTER INTENSITY OF NOT LESS THAN ONE FOOT-CANDLE AT FLOOR LEVEL. 4.) BUILDING STORIES: 2 PROOF BULBS AND / OR OTHER APPROVED DEVICES. 5) EXIT SIGN SHALL BE PER CBC 2013 EXTERIOR DOORS SHALL BE SELF-CLOSING AND FIT TO A MAXIMUM OF 5.) CODE APPLIED: 6) FIRE EXTINGUISHER REQUIREMENTS SHALL BE DETERMINED BY FIRE INSPECTOR. 1/4" AT THE BASE AND SIDES. 7) BUILDING ADDRESS NUMBERS TO BE PROVIDED ON THE FRONT OF ALL BUILDINGS AND SHALL BE 1- 2013 CALIFORNIA BUILDING CODE - TITLC 24. PART 2 VISIBLE AND LEGIBLE FROM STREET FRONTING THE PROPERTY. SAID NUMBERS SHALL CONTRAST WITH 2-2013 CALIFORNIA RESIDENTIAL CODE-TITLE 24, PART 2.5 PROVIDE PERMANENTLY MOUNTED SINGLE SERVICE SOAP AND TOWEL 3- 2013 CALIFORNIA ELECTRICAL CODE - TITLE 24. PART 3 DISPENSERS AT ALL HAND WASH BASINS 8) COMMERCIAL DUMPSTERS OR CONTAINERS WITH AN INDIVIDUAL CAPACITY ON 1.5 CUBIC YARDS OR 4-2013 CALIFORNIA MECHANICAL CODE - TITLE 24. PART 4 5. TOILET ROOMS AND DRESSING ROOM DOORS SHALL BE SELF-CLOSING. GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS, OPENINGS OR 5- 2013 CALIFORNIA PLUMBING CODE - TITLE 24. PART 5 COMBUSTIBLE ROOF EAVE LINES UNLESS AREAS CONTAINING DUMPSTERS ARE PROTECTED BY AN 6. SEAL ALL CRACKS AND CREVICES IN COUNTERS, CABINETS, AROUND 6- 2013 CALIFORNIA ENCRGY CODE - TITL'.: 2C1, PART 6 APPROVED SPRINKLER SYSTEM. METAL FLASHING, SINK BACKSLASHES AND AROUND PIPES AND CONDUIT 7- 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE -TITLE 24, PART II WITH A NONE-HARDENING SILICONE SEALANT. 10) AN APPROVAL FIXED FIRE EXTINGUISISHER SYSTEM FOR THE KITCHEN HOOD, DUCTS AND COOKING 6.) EXTERIOR SIGN, H.V.A.C. FIRE SPRINKLER UNDER SEPARATE PERMIT SURFACES SHALL BE HANDLED BY THE LICENSED FIRE PROTECTON CO. PROVIDE ALL AREA OR CABINET FOR STORAGE OF CLEANING EQUIPMENT TO BE SUBMITTED TO THE FIRE DEPT. FOR REVIEW & APPROVAL PRIOR TO INSTALLATION. 7.) MAX. EMPLOYEES INCLUDING MANAGER PER SHIFT 4 AND SUPPLIES AWAY FROM PREPARATION, UTENSIL WASHING AND FOOD 11) THE LICENSED FIRE PROTECTION CO. IS RESPONSIBLE FOR THE U.L. APPROVAL SYSTEM NUMBER, THE 8.) SUPPRESSION SYSTEM FOR KITCHEN HOODS SHALL BE UNDER SEPARATE PERMIT . STORAGE AREAS. SUBMISSION U.L. APPROVAL SCHEMATIC DRAW'G TO AREA INSPECTION UNIT. 8. A ROOM, ENCLOSURE, OR DESIGNATED AREA, SHALL BE PROVIDED WHERE 12) INTERIOR FINISH SHALL BE PROVIDED IN ACCORDANCE WITH C.B.C 2013. TABLE 803.9 EMPLOYEES MAY CHANGE AND STORE CLOTHES. 13) ALL DRAPES, HANGINGS, CURTAINS, DROPS AND ALL OTHER DECORATIVE MATERIALS SHALL COMPLY **NOTES** WITH FIRE CODE CHAPTER 11 9. PRIOR TO STARTING CONSTRUCTION, SUBMIT TWO SETS OF YOUR LOCAL BUILDING AND SAFETY DEPARTMENT FOR REVIEW, APPROVAL AND 14.) Building address numbers shall be provided and maintained so as to be plainly visible and legible from the street fronting the property. The numbers shall be a minimum 3 inches high, 1 inch wide with a 3/8 inch stroke. For buildings set back more than 1. All work shall conform to all requirements of State of California Title 24 regardless of 4. Sediments and other materials may not be tracked/rom the site by vehicle traffic. The 150 feet from the street, the numbers shall be a minimum 5 inches high, 2 inches wide with a 1/2 inch stroke. Fire Code 10. A HEALTH PERMIT MUST BE OBTAINED PRIOR TO OPERATION. FAILURE the information indicated on these plans. It is the responsibility of the individual TO OBTAIN A HEALTH PERMIT IS A MISDEMEANOR VIOLATION. PLEASE 15.)The inspection, hydrostatic test and flushing of the underground fire protection piping shall be witnessed by an authorized Fire Department supervising the construction to ensure that the work is done in accordance with Code CONTACT YOUR PLAN CHECKER TO ARRANGEMENT AN APPOINTMENT FOR representative and no underground piping or thrust blocks shall be covered with earth or hidden from view until the Fire Department representative has requirements prior to requesting inspection. SITE EVALUATION AND APPROVAL PRIOR TO STOCKING FOOD ON THE been notified and given not less than 48 hours in which to inspect such installations. Fire Code. 2. Excess or waste concrete may not be washed into the public way or any other drainage 5. Stockpiles 0/ earth and other construction related materials must be protected from PREMISES. system. Provisions shall be made to retain concrete wastes on site until they can be disposed 0/ as solid waste. 3. South Coast Air Quality Management District (SCAQMD) shall be notified in accordance with California State Law prior to start of any demolition, addition, and/or remodel work. The South Coast Air Quality Management District Office is located at 2 J 865 Copley Drive in Diamond Bar, Phone No. (909) 396-2000. Be advised, SCA QMD may require a J 0 day wait period prior to start of work. SITE PLAN **VICINITY MAP** Retirement Community

5 OCCUPANCY LOAD CALCULATION SCALE (FOR EGRESS PER CBC TABLE 1004.1.2) SCOPE OF WORK SECTION AREA OCCUPANCY LOAD DINING AREA 415 S.F. 415 /15= 27 PERSONS 119 S.F. 119 /100= 1 PERSON SERVICE AREA 293 S.F. KITCHEN AREA 293/200=1 PERSON 279 S.F. **RESTROOM & OTHERS** 1106 S.F. 29 PERSONS TOTAL OCCUPANCY < 50 PERSONS, SO PROVIDE 1 EXITS AND ONE UNISEX RESTROOM IS OK

construction entrance roadways must be stabilized so as to inhibit sediments from being

7. Fuels. oils. solvents and other toxic materials must be stored in accordance with their

containers are to be protected from the weather. Spills must be cleaned up immediately

listing and are not to contaminate the soil and surface waters. All approved storage

deposited into the public way. Accidental depositions must be swept up immediately

6. Trash and construction related solid wastes must be deposited into a covered

receptacle to prevent contamination of rainwater and dispersal by wind

and may not be washed down by rain or other means.

being transported from the site by the forces of wind or water.

THIS IS AN EXISTING SUBWAY RESTAURANT CHANGE TO "HOT STAR" RESTAURANT, EXISTING A/C & RESTROOM NO CHANGE. T.I. WORK AS FOLLOW: , PROPOSED KITCHEN AREA ADD ONE NEW UNIVERSAL VENTLESS HOOD; 2, REMODELING SERVICE AREA, KITCHEN AREA & DINING AREA.

CONSULTANT INFORMATION

DC DESIGN & CONSULTING INC. TEL: 626-962-1122

SHEET INDEX

HD-1 HANDICAPPED ACCESSIBILITY DETAIL

T-0 COVER SHEET

A-1 FLOOR PLAN

A-2 CEILING PLAN

AD-1 DETAIL SHEET

AD-2 DETAIL SHEET

ADDRESS: 1211 N ASUZA CANYON ROAD

WEST COVINA CA 91790 SOLIDWAY CONSTRUCTION GROUP TEL: 626-962-1122

FAX: 626-962-0229

CIVIL ENGINEER: PAUL HOUNG TEL: (626) 271 - 4654

JS ENGINEERING, INC. 410 S. San Gabriel Blvd. #8 SAN GABRIEL CA 91775 ELECTRICAL & MECHANICAL ENGINEER: ZHANG JOSEPH TEL: (626) 497 - 0558

A Project for:

FIRE DEPARTMENT CORRECTION 8-12 2 HEALTH CORRECTION 8-23 /3\ BUILDING CORRECTION 9-10

Exp. 6-30-18

PERMIT# No. Description ∟Project No.: Drawn By: ALEN DENG Reviewed By Filename:

COVER SHEET

adopted by the City. relevant laws. ordinances. rules and/or regulations TRASH PARKING GARAGE RAMP WITH 1:12 MAX. SLOPE GREASE INTERCEPTOR ("MIFAB" MI-G-7) IS UNDER FLOOR \ SCALE TRAVEL **PROJECT** FROM PU HERE **MENTOR AVENUE GROUND FLOOR**

Lake Avenue Church .ii. E Maple St Locust St E Walnut St Walnut St E Union St

CONTRACTOR NOTES

1.BEFORE SUBMITTING THE BID, THE CONTRACTOR SHALL CAREFULLY EXAMINE THE PLANS PERTAINING TO THIS WORK, CONTRACTOR SHALL VISIT THE SITE AND FULLY INFORM HIMSELF AS TO ALL CONDITIONS AND LIMITATIONS APPLYING TO THIS WORK HE SHALL ESTIMATE AND INCLUDE IN HIS BID A SUM SUFFICIENT TO COVER THE COST OF ALL LABOR AND MATERIALS TO ACCOMPLISH THE INTENT OF THESE PLANS.

2. THE CONTRACTOR SHALL OBTAIN PERMITS AS REQUIRED BY THE GOVERNING AUTHORITIES FOR CONSTRUCTION.

3. ELECTRICAL, MECHANICAL AND PLUMBING SYSTEMS SHALL BE DONE BY THE CONTRACTOR.

4. THE CONTRACTOR SHALL PROCURE IN THE OWNER'S NAME, AND CHARGES FOR INSTALLATION OF THE WATER AND GAS METERS AND ALL PIPING FROM MAIN TO MAID METERS.

5. THE CONTRACTOR SHALL SENT PROPER NOTICES. MAKE ALL NECESSARY ARRANGMENTS AND PERFORM ALL SERVICES REQUIRED IN THE MAINTENANCE OF ALL PUBLIC UTILITIES

6. THE CONTRACTOR SHALL REQUIRE SUCH COOPERATION OF THE VARIOUS TRADES AS WILL BE NECESSARY TO COMPLETE EACH AND EVERY PART OF THE WORK. EVEN THOUGHOUT SPECIFICALLY INDICATED. NOTED OR DETAILED ON THE DRAWINGS OR SPECIFICATIONS.

7. DIMENSIONS AND CONDITIONS AT THE JOBSITE SHALL BE VERIFIED BY(THE CONTRACTORS, DISCREPANCIES IN THE DRAWINGS OR

BETWEEN THE DRAWINGS AND ACTUAL FIELD CONDITIONS OR CODE REQUIREMENTS SHALL BE REPORTED TO THE ARCHITECT. CORRECTED DRAWINGS OR INSTRUCTIONS SHALL BE ISSUED BY THE ARCHITECT PRIOR TO THE INSTALLATION OF ANY WORK

8. At time of perm it issuance, contractor shall show their valid workers' compensation insurance certificate

and disposed of in a proper manner. Spills may not be washed into the drainage system. 8. The issuance of a permit shall not prevent the building official from requiring the correction of errors on these plans or from preventing any violation of the Codes

E-1 POWER PLAN

E-2 CEILING PLAN E-3 TITLE 24 M-1 A/C DUCT PLAN

T 24

P-1 PLUMBING PLAN

P-2 WASTE PLAN

1211 N. Azusa Canyon Rd,#B West Covina, CA 91790 Tel: 626-962-0997 Fax: 626-962-0229 N.T.S

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& Consulting Inc.

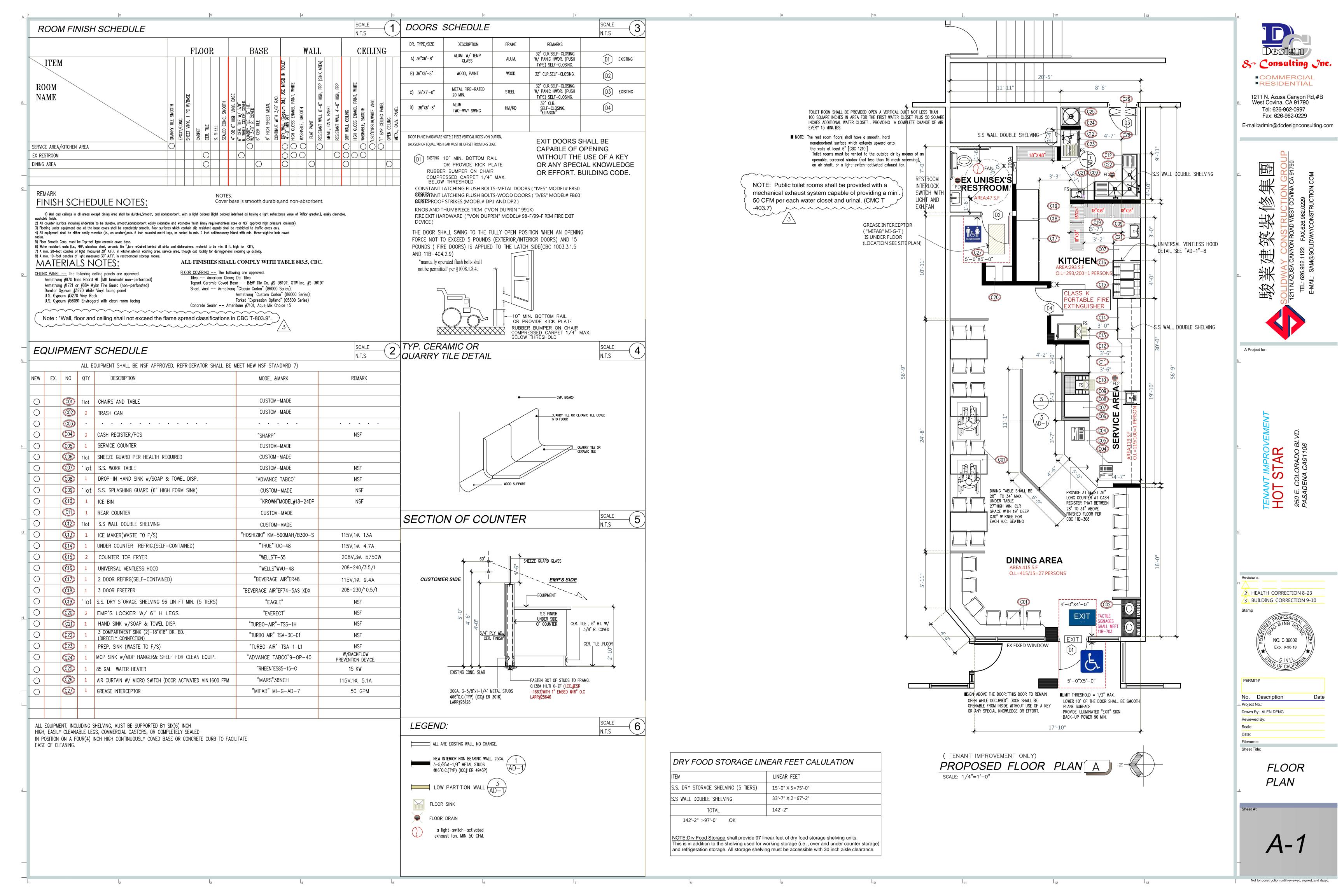
COMMERCIAL

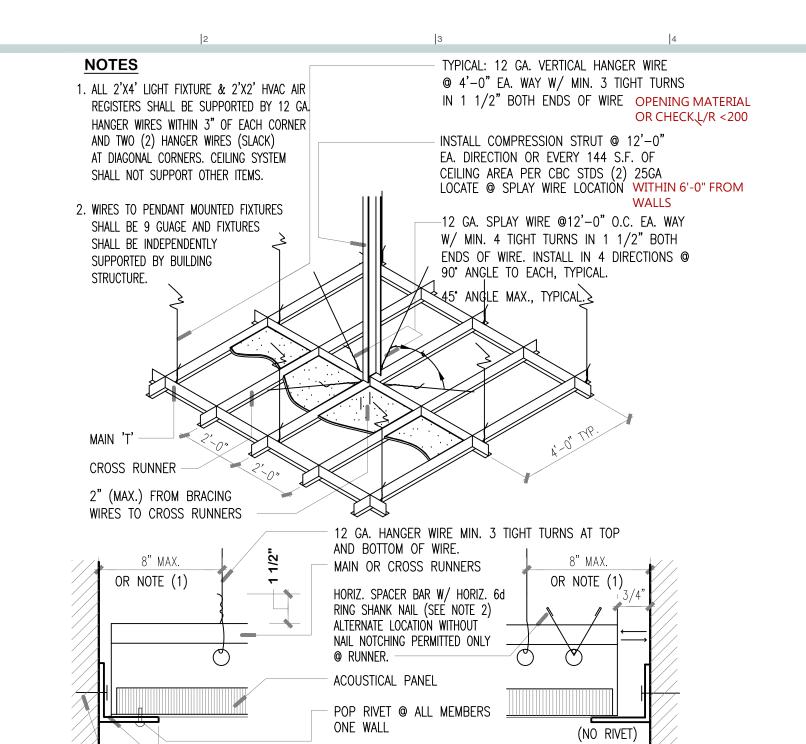
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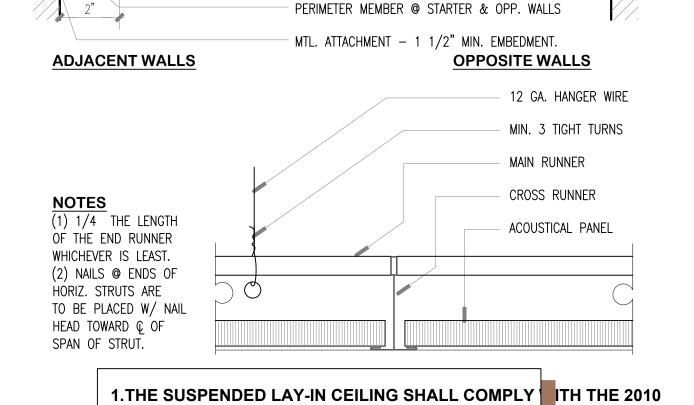
E-mail:admin@dcdesignconsulting.com

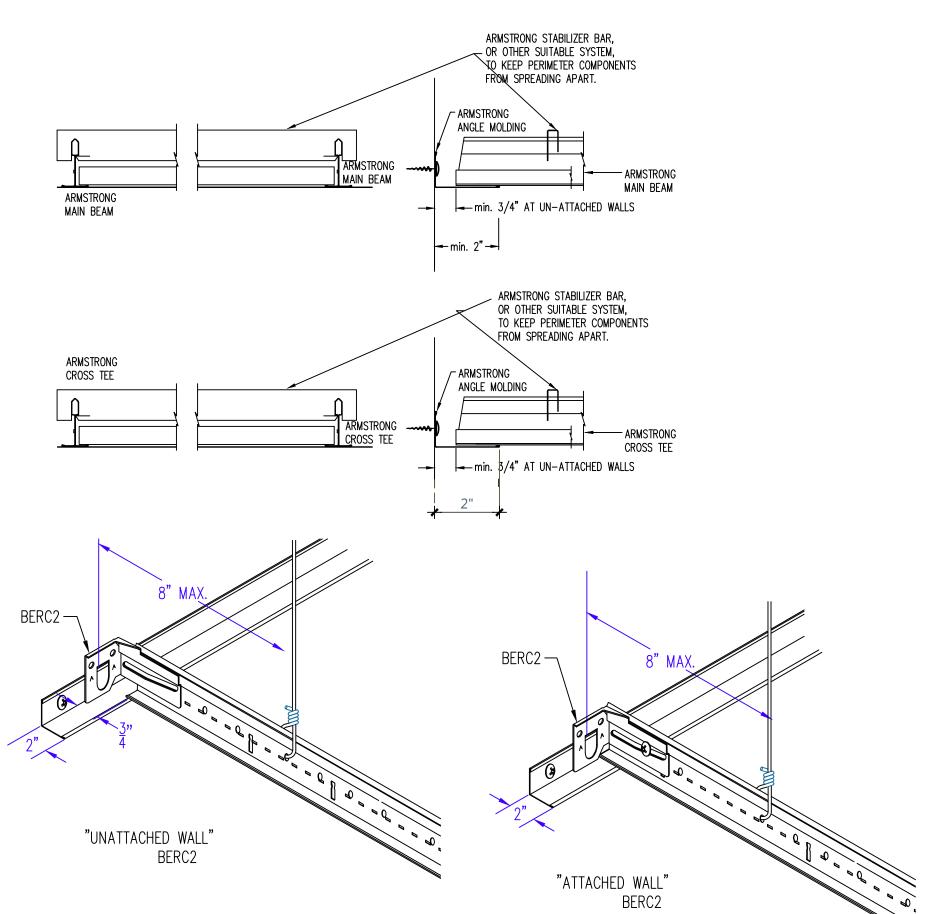
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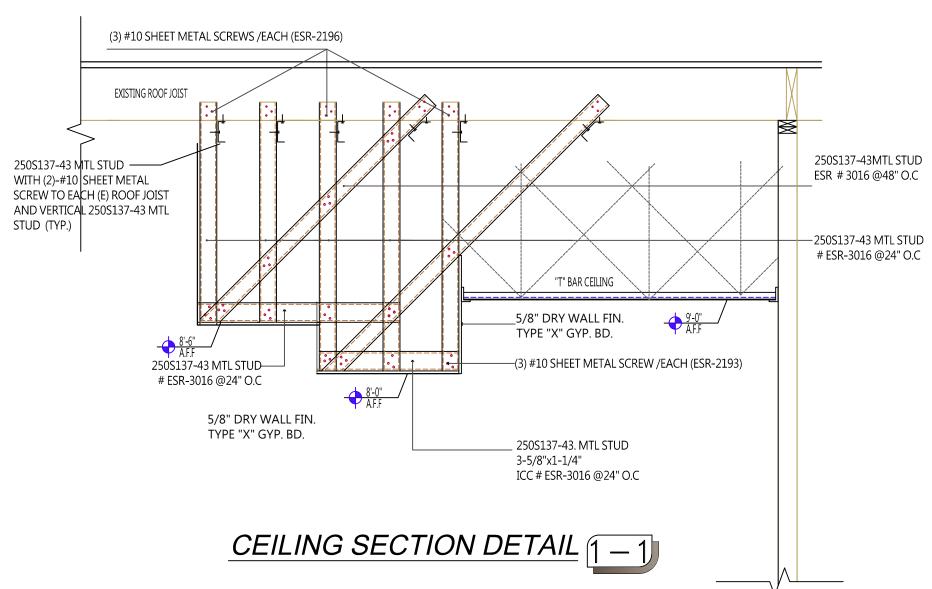


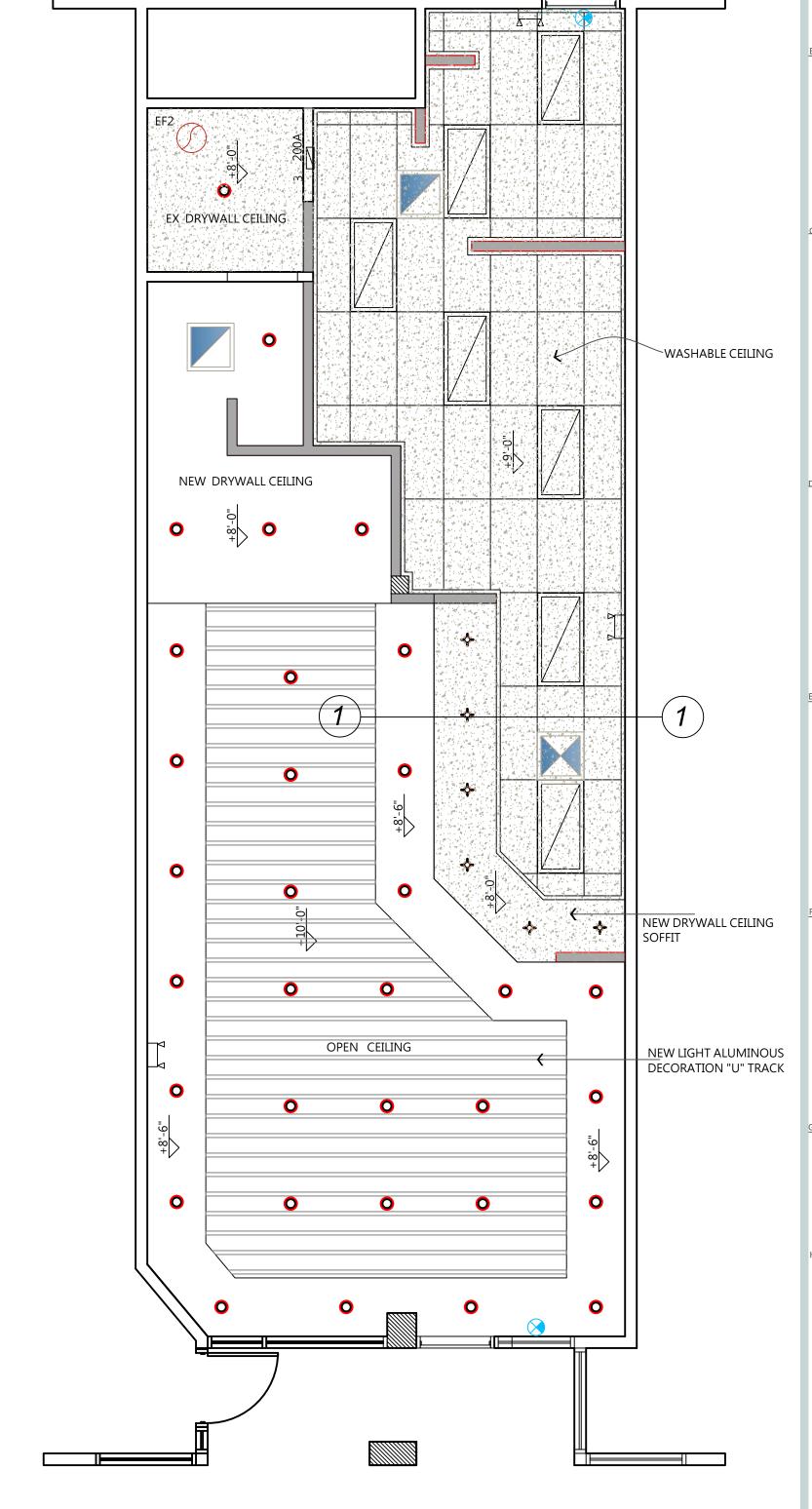


SEISMIC DESIGN CATEGORY D DETAIL 1

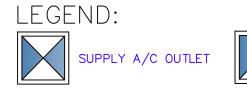
SUSPENDED CEILINGS MUST BE COMPLY WITH ASTM C635 AND C636 FOR SEISMIC DESIGN CATEGORY D,

LIGHT	ING FIXTURE SCH	EDULE							
TYPE	SYMBOL	MARK	TYPE	LAMP NO.	WATT	_FIXTURE VA	VOLT	MOUNTING	MANUFACTURE & MODEL
А		2X4 FLUO LT	F32T8	2	32	64	120	CEILING	LITHONIA, GT8-332
В	-	RECESS DOWN	LED	1	9	9	120	CEILING	USA Light & Electric
С	0	ø6"RECESS DOWN	LED	1	9	9	120	CEILING	USA Light & Electric
D		EXIT SIGN	LED	_	_	2.5	120	CEILING	SELECTED BY ARCH. W/90 MIN. BATTERY BACK-UP
E		EMERGENCY LTG			_	2.5	120	WALL	EMERGENCY LTG W/90 MIN. BATTERY BACK-UP













1211 N. Azusa Canyon Rd,#B West Covina, CA 91790 Tel: 626-962-0997

Fax: 626-962-0229 E-mail:admin@dcdesignconsulting.com

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A Project for:

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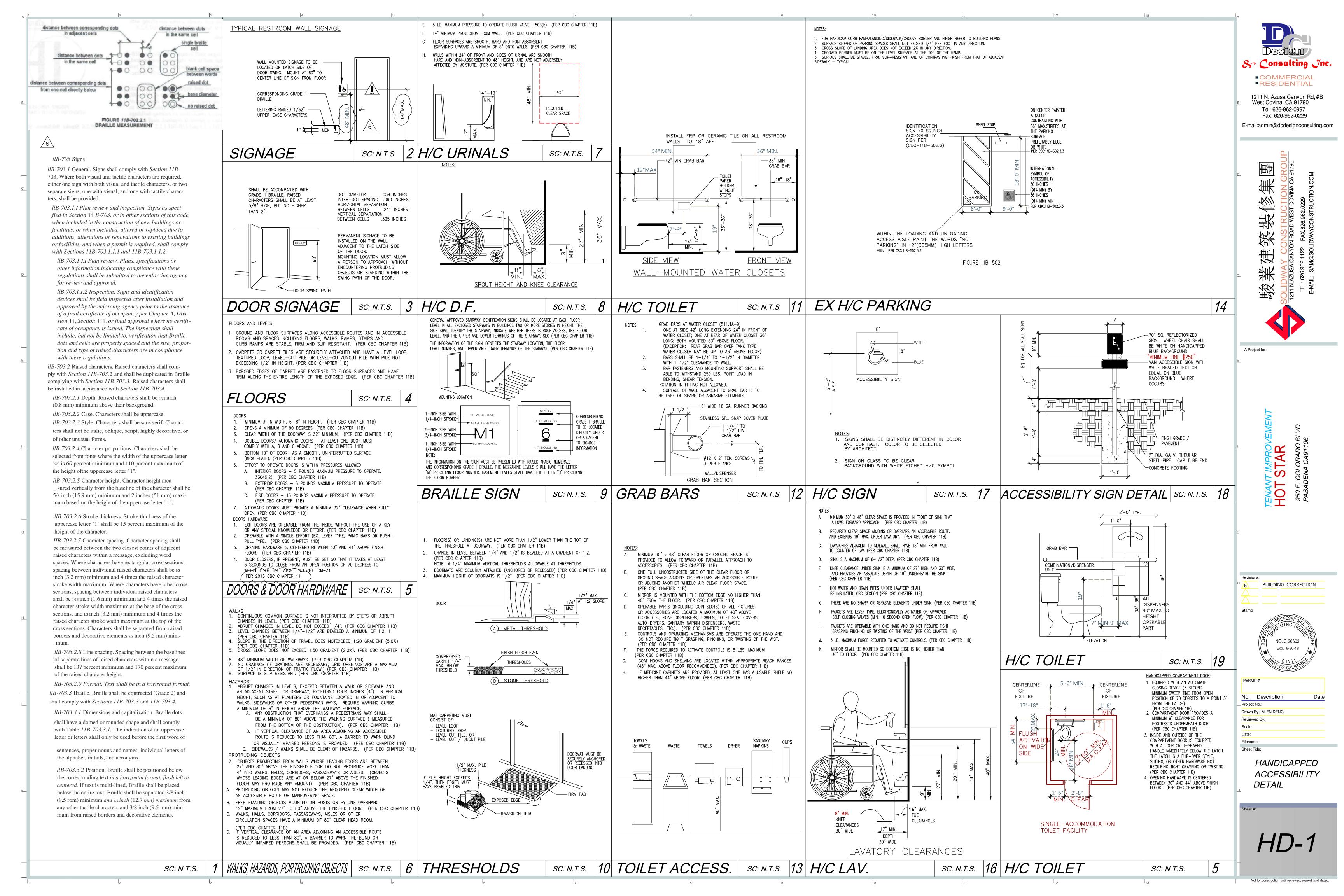
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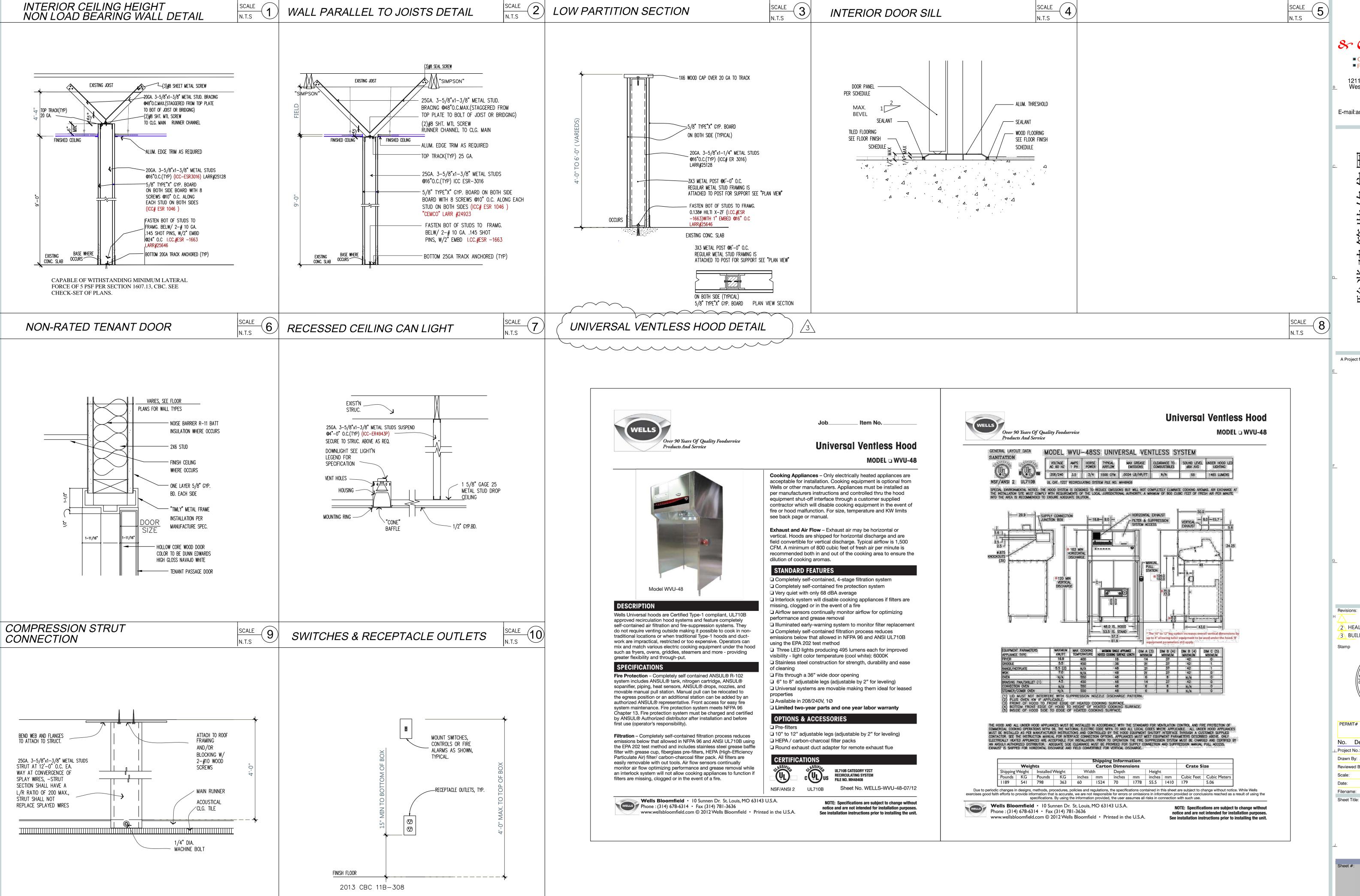
Exp. 6-30-18

PERMIT# No. Description ∟Project No.: Drawn By: ALEN DENG Reviewed By: Scale: Filename: Sheet Title:

CEILING PLAN

Not for construction until reviewed, signed, and dated.





& Consulting Inc. COMMERCIAL **RESIDENTIAL**

> 1211 N. Azusa Canyon Rd,#B West Covina, CA 91790 Tel: 626-962-0997 Fax: 626-962-0229 E-mail:admin@dcdesignconsulting.com

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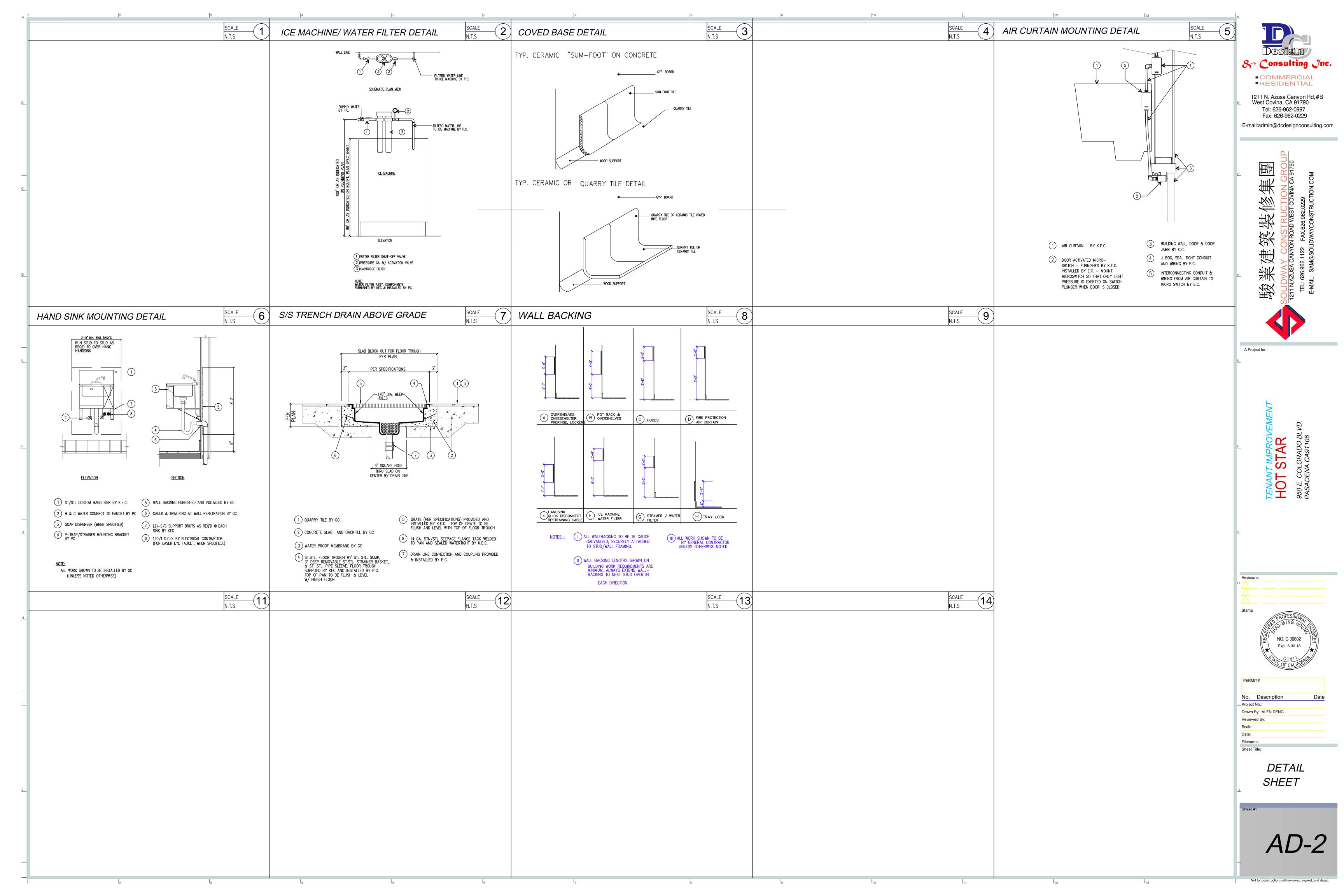
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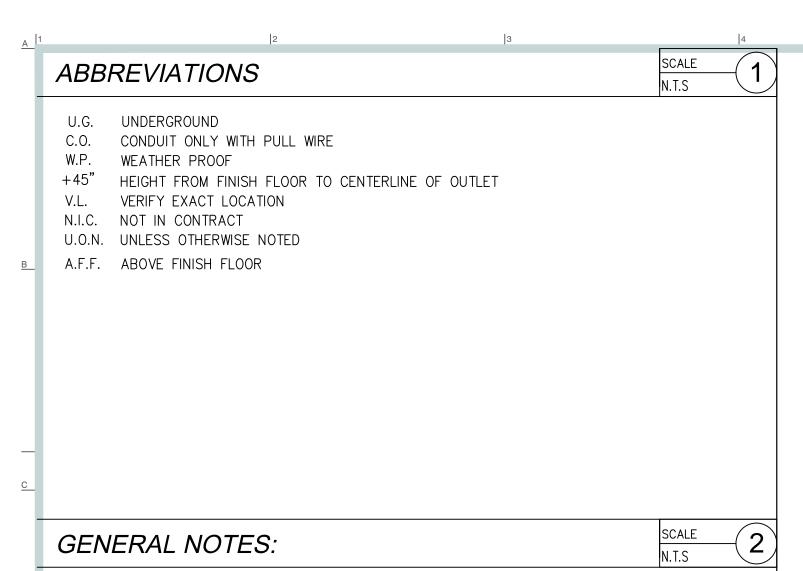
2 HEALTH CORRECTION 8-23 3 BUILDING CORRECTION 9-10

NO. C 36602 Exp. 6-30-18

No. Description ∟Project No.: Drawn By: ALEN DENG Reviewed By Scale: Filename:

DETAIL





BEFORE SUBMITTING THE BID PROPOSAL, THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOB SITE AND FULLY ACQUAINT HIMSELF WITH THE JOB SITE CONDITION AND VERIFY THE LOCATION OF ALL EXISTING EQUIPMENT.

OVER CURRENT PROTECTION AND DISCONNECT MEANS SHALL BE INSTALLED ON ALL MOTORS TO COMPLY WITH CODE.

3 TYPE "THIN" WIRES TO BE USED ON ALL END TO END FLUORESCENT LIGHTING FIXTURES.

4 A PULL WIRE SHALL BE INSTALLED IN ALL CONDUIT MARKED "C.O."

5 ALL DISCONNECT SWITCHES SHALL BE HORSEPOWER RATE FOR THE MOTOR CONNECTED TO SWITCH. 6 ALL ELECTRICAL EQUIPMENT EXPOSED TO WEATHER OR INSTALLED OUTDOORS SHALL BE WEATHERPROOF TYPE, INCLUDING, BUT NOT LIMITED TO, SWITCHES, CONDUITS, BOXES, ETC.

UNLESS OTHERWISE NOTED ON DRAWINGS, ALL CONDUCTORS INDICATED ON PLAN AND ON THE ONE LINE DIAGRAM SHALL BE TYPE "THW", "THWN" OR "THHN" INSULATED COPPER CONDUCTORS.

8 ALL CONDUIT SHALL BE 1/2", UNLESS OTHERWISE NOTED ON PLANS.

9 ALL LIGHTING FIXTURES AND LAMPS INDICATED ON THE LIGHTING FIXTURE SCHEDULE ARE TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR, INCLUDING ALL THE NECESSARY SUPPORTS, HANGERS, MOUNTING BRACKET, ETC REQUIRED FOR THE COMPLETE INSTALLATION OF THE SAME.

10 THE ENTIRE ELECTRICAL INSTALLATION, ELECTRICAL WORK, MATERIALS AND WIRING SHALL FULLY COMPLY WITH ALL THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, CITY ELECTRICAL CODE, STATE REGULATIONS AND ALL ORDINANCES HAVING JURISDICTION.

11 ELECTRICAL CONTRACTOR SHALL SECURE LICENSES AND PERMITS REQUIRED BY AUTHORITIES HAVING JURISDICTION FOR ELECTRICAL WORK, INCLUDING PAYMENT OF CHARGES AND FEES, ARRANGE FOR INSPECTIONS AND TESTS, AND GIVE REQUIRED NOTICES RELATION TO ELECTRICAL WORK. OBTAIN CERTIFICATES OF APPROVAL AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.

12 ACCEPTANCE

BEFORE THE WORK WILL BE ACCEPTED, THE CONTRACTOR SHALL DEMONSTRATE TO ALL PARTIES THE ENTIRE WORK IS COMPLETE AND IN PROPER OPERATING CONDITION, AND THAT THE CONTRACT HAS BEEN FULLY AND PROPERLY EXECUTED.

NOTE:

1) PROVIDE DISCONNECT SWITCHES FOR ROOF TOP BLOWERS AND MAKE-UP AIR UNITS. 2) THE CENTER OF ELEC. AND COMMUNICATION SYSTEM RECEPTACLE OUTLETS SHALL BE INSTALLED

NOT LESS THAN 15" ABOVE THE FLOOR OR WORKING PLATFORM. 3) SHOW WINDOW RECEPTACLE SHALL BE ABOVE THE WINDOW.

4) PROVIDE TIME CLOCK FOR EXTERIOR SIGN.

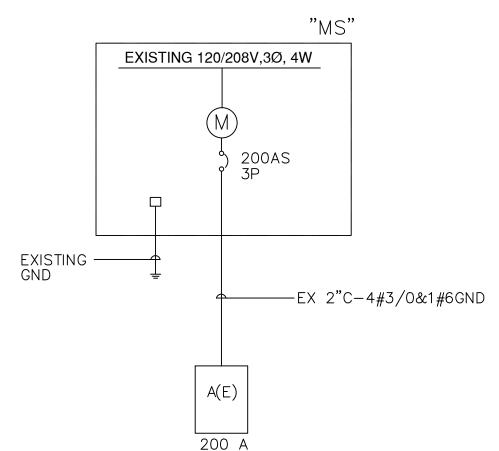
6) THE HEIGHT OF SWITCHS SHALL BE +48" A.F.F.

5) ALL ABOVE GROUND ARE USE E.M.T. OR ALUM. FLEX. CONDUIT, ALL UNDER GROUND ARE USE R.M.C.

7) ALL CIRCUITS THAT ARE PROTECT BY AN OVERCURRENT PROTECTION OF OVER 20 AMPS USING A

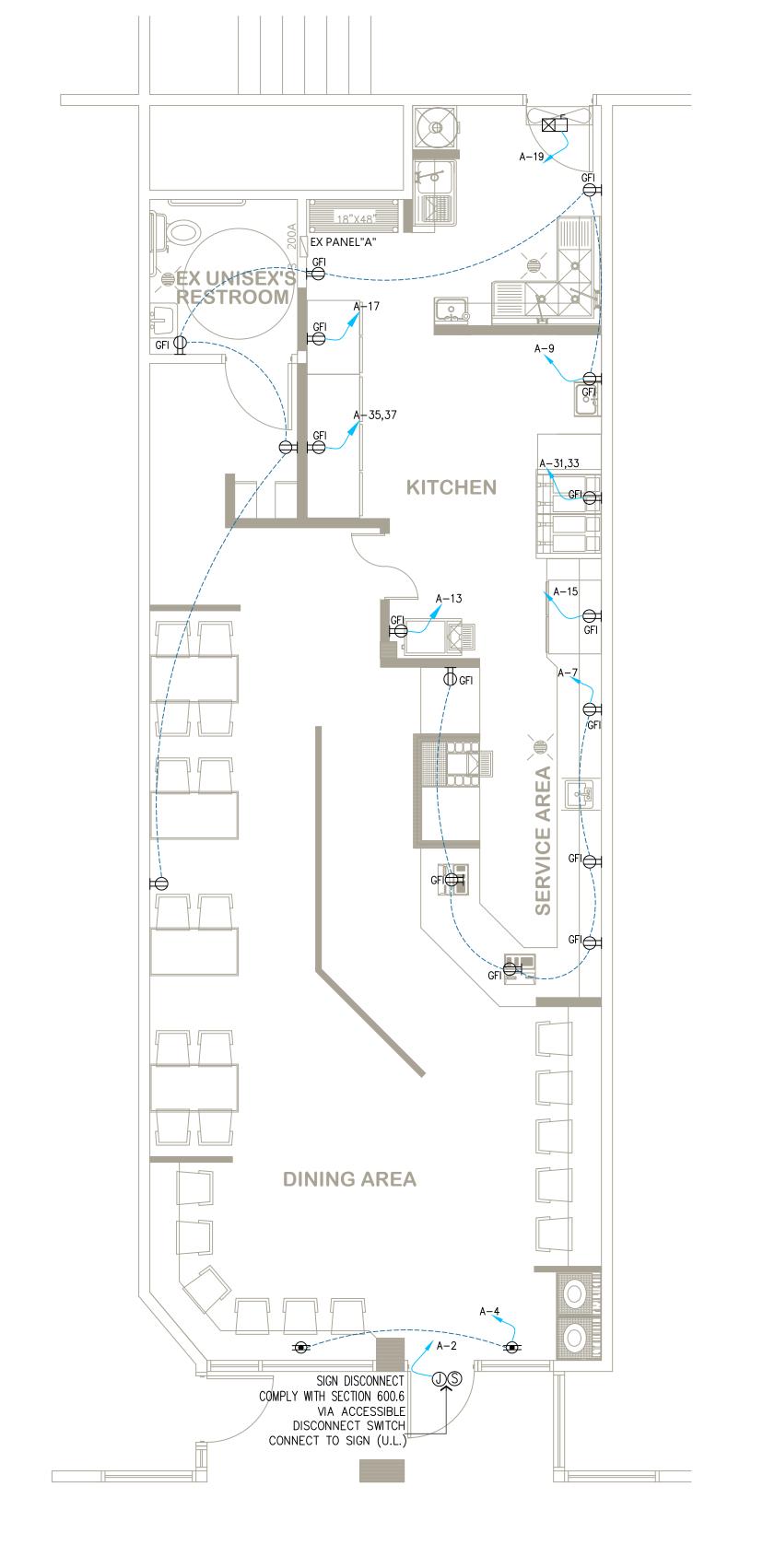
FEEDER SIZE OF WIRE #12

WIRE LEGEND #12 THHN/THWN GROUND NON-METALIC CONDUIT SYMBOL CONDUCTORS 15 | 14 20 | 12 - // /// 40 -////// 3/4" |#12 | 3/4" | 60 | 10 3/4" |#12 | 3/4" | 100 | |||||||



EX SINGLE LINE DIAGRAM

120/208	VOLTS				1			100	ANEL EXISTIN	10	TYPE								
3	PHASE				-				RFACE	5555	MOUN.					LUGS O	NLY	MAIN BE	(R.S(A=I.C=10,000A)
					0/1	68			THE TOP		10011					20000	1421	-147 (114 2)	T.OLL .
REMARKS	LOAD (VA)			LTG	DEC	MISC	BKR	CID			CID	BKR	ME	REC	LTC	LOAD (VA	A)	_	REMARKS
REIVARRS	ØA	ØB	ØC	LIG	KEC	IVISC	DIVIN	CIR			CIR	DIVIN	IVIIS	KEC	LIG	ØA	ØB	ØC	KEIVAKKS
.TG1	126			14			20/1	1	\rightarrow		- 2	20/1	1			1200			SIGN
TG2		664		31			20/1	3	\rightarrow	\vdash	4	20/1		2			1200		SHOW WINDOW
SPARE							20/1	5		-	- 6	20/1		2				360	EXWP
PLUG1	1080				6		20/1	7	\rightarrow	_	- 8	20/1							SPARE
PLUG2		1080			6		20/1	9		-	- 10	20/1					j		SPARE
SPARE							20/1	11		-	12	20/1							SPARE
CE MAKER	1495					1	20/1	13	+	_	- 14	20/1							SPARE
J. C. REFRIGERATOR		541				1	20/1	15	\dashv	\vdash	16								
DOOR REFRIGERATOR			1081			1	20/1	17	\perp	-	18								
AIR CURTAIN	587		100000000000000000000000000000000000000			1	15/1	19	-		20				2 3				
SPARE							20/1	21	-	-	22								
SPARE							20/1	23		-	24								
SPARE							20/1	25	\rightarrow		26	60/3	1			5750			ELE. FRYER
								27	-	-	28	/					5750		III
								29		-	30	/						5750	III
/ENTLESS HOOD	364					1	20/2	31	\rightarrow	-	32	60/3	1			5750			ELE. FRYER
		364					/	33	\rightarrow	,	34	/					5750		III
DOOR FREEZER	7.		1092			1	20/2	35		-	36				5 9			5750	III
	1092						and the same	37	-		38								***
X A/C#1	1	3000				1	50/2	39	-	\vdash	40	50/2	1				3000		EX A/C#2
	1	0.5.5.5	3000				-	41		_	42							3000	II
OTAL	4744	5649	5173		-							14"				12700	15700		TOTAL:
OTAL ØA			17444			I			REI	MRKS	3								
OTAL ØB			21349			8		\neg											
OTAL ØC			20033					$\neg \neg$											
OTAL LOAD:(VA)			58826					\neg											
5% OF TOTAL LCL:			2297.5					\neg											
DJUSTED TOTAL(VA)			61123.5			1		-											
DJUSTED TOTAL(AMPS)	-		170	_				-											







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E-mail:admin@dcdesignconsulting.com

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A Project for:

EXP.06-30-17

PERMIT# No. Description ∟Project No.: Drawn By: ALEN DENG Reviewed By: Scale:

Filename: Sheet Title:

> **POWER** PLAN

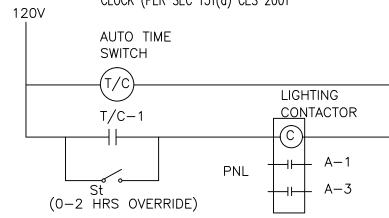
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KEY NOTES:

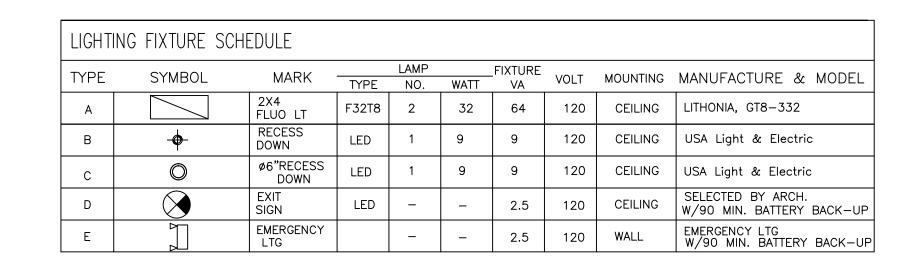
- 1 LIGHTING CONTACTOR AND TIME SWITCH. SEE LIGHTING SHUT-OFF CONTROL DIAGRAM IN THIS SHEET.
- 2 0~2 HOURS OVERRIDE TIME SWITCH.

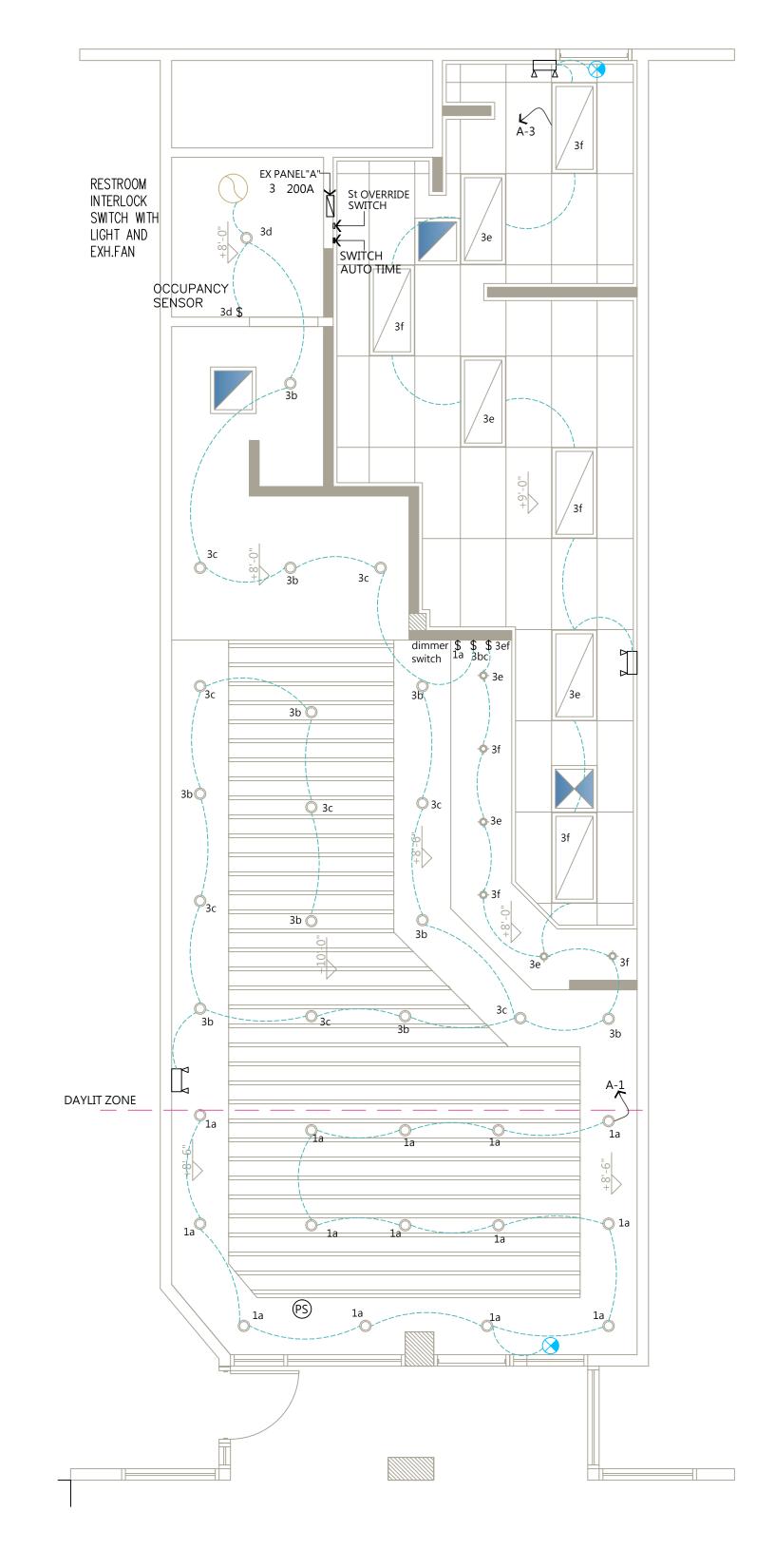
 3 VIA LIGHTING CONTACTOR. PROVIDE ADDITIONAL HOT LINE FOR EXIT SIGN AND EMERGENCY LIGHTING.
- ALL SIGN, LOGO, AND DISPLAY ILLUMINATION TO BE WIRED TO AUTOMATIC TIME CLOCK.

PROVIDE 365 DAY PROGRAMMABLE TIME CLOCK (PER SEC 131(d) CES 2001



LIGHTING SHUT-OFF CONTROL DIAGRAM





(TENANT IMPROVEMENT ONLY)

REFLECTED CEILING PLAN SCALE: 1/4"=1'-0"

NOTE: THE ILLUMINATED "EXIT" SIGN AT ALL TIMES HAVING A LIGHT INTENSITY OF NOT LESS THAN ONE FOOTCANDLE AT FLOOR LEVEL WITH BATTERY BACK—UP FOR EXISTING SYSTEM WITH AN OCCUPANT LOAD OF ONE HUNDRED OR MORE.

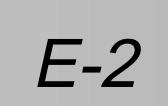
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PS) PHOTO SENSOR



Project No.:
Drawn By: ALEN DENG
Reviewed By:
Scale:
Date:
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Sheet Title:

CEILING PLAN



STATE OF CALIFORNIA INDOOR LIGHTING POWER ALLOWANCE	4 	STATE OF CALIFORNIA INDOOR LIGHTING - LIGHTING CONTROLS	STATE OF CALIFORNIA INDOOR LIGHTING
CEC-NRCC-LTI-03-E (Revised 06/13) CERTIFICATE OF COMPLIANCE Certificate of Compliance Indoor Lighting Power Allowance	CALIFORNIA ENERGY COMMISSION NRCC-LTI-03-E (Page 1 of 4)	CEC-NRCC-LTI-01-E (Revised 06/13) CERTIFICATE OF COMPLIANCE Indoor Lighting-Lighting Controls (Page 1 of 5)	CEC-NRCC-LTI-01-E (Revised 06/13) CERTIFCATE OF COMPLIANCE USER INSTRUCTI Indoor Lighting
Project Name: HOT STAR LOWED LIGHTING POWER (Chose Method)	Date Prepared: 7/10/2016	Project Name: HOT STAR Date Prepared: 7/10/2016	Project Name: HOT STAR Climate Zone: Conditioned Floor /
A separate page must be filled out for Conditioned and Unconditioned Space. This page is only for: UNCONDITIONED space UNCONDITIONED space		A. Mandatory Lighting Control Declaration Statements Indicate if the measure applies:	Unconditioned Floor General Information
A. SUMMARY TOTALS OF LIGHTING POWER ALLOWANCES If using Complete Building Method for compliance, use only the total in column(a) as total allowed building	watts.	YES NO Control Requirements	Building Type: ☐ Schools ☐ Reloce Phase of Construction: ☐ New
If using Area Category Method, Tailored Method, or a combination of Area Category and Tailored Method for the total in column(b) as the total allowed building watts.	compliance, use only	Lighting shall be controlled by self contained lighting control devices which are certified to the Energy Commission according to the Title 20 Appliance Efficiency Regulations in accordance with Section 110.9. Lighting shall be controlled by a lighting control a system or energy management control system in accordance with \$110.9. An Installation Certificate	Methodof Compliance: Com
Complete Building Method Allowed Watts. Documented in section B of NRCC-LTI-03-E(below on this page) Area Category Method Allowed Watts. Documented in section C-1 of NRCC-LTI-E(below on this Page)	(a) (b) 1283	shall be submitted in accordance with Section 130.4(b). One or more Track Lighting Integral Current Limiters shall be installed which have been certified to the Energy Commission in accordance with 10.9 and An installation Additionally, an installation Certificate shall be submitted in accordance with Section 130.4(b).	LIGHTINGCOMPLIANCDOCUMENTS(select yes for Fordetailed instructions on the use of this and all Ene
3. Tailored Method Allowed Watts, Documented in section A of NRCC-LTI-04-E TOTAL ALLOWED BUILDING WATTS. Enter number into correct cell on NRCC-LTI-01, Page2, Row1	1283	A Track Lighting Supplementary Over current Protection Panel shall be installed in accordance with Section 110.9 and Section 130.3. Additionally, an Installation Certificate shall be installed in accordance with Section 130.4(b).	YES NO FORM X NRCC-LTI-01-E X NRCC-LTI-02-E
Check here of building contains both conditioned and unconditioned areas. B. COMPLETE BUILDING METHOD LIGHTING POWER ALLOWANCE		All lighting controls and equipment shall comply with the applicate requirement in \$110.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.	NRCC-LTI-03-E
A A	B C D WATTS COMPLETE ALLOWED	All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.(a). General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental,	Summary of Allowed Lighting Power
TYPE OF BUILDING (From §140.6 Table 140.6-B)	PER(ft) X BLDG.AREA = WATTS	and special effects lighting shall each be separately controlled on circuits that are 20 amps or less. When track lighting is used, general, display, ornamental, and special effects lighting shall each be separately controlled; in accordance with Section 130.0(a)4. The general lighting of any enclosed area 100 square feet or larger, with a connected lighting load that exceeds 0.5 watts per square foot shall meet	Conditioned and Unconditioned space Lighting Indoor Lighting Power fo
Total Watts, Enter Total Watts into section A.	Total Area: Row1(Above on this page)	the multi level lighting control requirements in accordance with Section 130.1(b). All installed indoor lighting shall be equipped with controls that meet the applicable Shut OFF control requirements in Section 130.1(c).	1. NR
C-1 AREA CATEGORY METHOD TOTAL LIGHTING POWER ALLOWANCES (C-2 plus C-3)	Watts	Lighting in all Day lit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and day lit Zone are shown on the plans.	2. PORTABLE NRI Minus Light
	Total from section C2. Total from section C3.	Lighting power in buildings larger than 10,000 square feet shall be capable of being automatically reduced in response to a Demand Responsive Signal in accordance with Section 130.1(e).	4. Adjusted Instal (row 1 plus r
Registration Number: Registration Date/Time: A Building Energy Efficiency Standards-2013 Nonresidential Compliance	HERS Provider: June 2013	Registration Number: Registration Date/Time: HERS Provider: CA Building Energy Efficiency Standards-2013 Nonresidential Compliance June 2013	CA Building Energy Efficiency Standards—2013 Nonresidential Compliance
			On bulliating chergy clinicency standards—2013 Notiresidential Compliance
STATE OF CALIFORNIA NDOOR LIGHTING POWER ALLOWANCE DEC-NRCC-LTI-03-E (Revised 06/13)	CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA INDOOR LIGHTING — LIGHTING CONTROLS CEC-NRCC-LTI-01-E (Revised 06/13) CALIFORNIA ENERGY COMMISSION CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA INDOOR LIGHTING CEC-NRCC-LTI-01-E (Revised 06/13)
CERTIFICATE OF COMPLIANCE Certificate of Compliance Indoor Lighting Power Allowance Project Name: TOWARD MARKET POSTAR	NRCC-LTI-03-E (Page 2 of 4)	CERTIFICATE OF COMPLIANCE Indoor Lighting-Lighting Controls (Page 2 of 5) Project Name: Indoor STAR Date Prepared: 7/10/2016	CERTIFICATE OF COMPLIANCE USER INSTRUCTI Indoor Lighting Project Name: HOT STAR
Total Watts. Enter Total Watts into section A, row 2(Above on this page)	Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building,	5.
A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for: ☑ CONDITIONED spaces ☐ UNCONDITIONED spaces		area, or site is operated for normal use, indoor lighting controls serving the building, area, or site shall be certified as meeting the Acceptance Requirements for Code Compliance in accordance with Section 130.4(a). The controls required to meet the Acceptance Requirements include automatic daylight controls, automatic shut OFF controls, and demand responsive controls.	Allowed Lighting Po 6. Conditioned NRCC LTI 03
C-2 AREA CATEGORY METHOD GENERAL LIGHTING POWER ALLOWANCE Do not include portable lighting for offices. Portable lighting for offices shall be documented only in section	n B of NRCC-LTI-01-E.	A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for the following:	Declaration of Require d Installation Certificates
Separately list lighting for each primary function area as defined in §100.1 of the Standards. A AREA CATEGORY (From §140.6 Table 140.6—C)	B C D WATTS COMPLETE ALLOWED	☐ UNCONDITIONED spaces UNCONDITIONED spaces UNCONDITIONED spaces	completed and signed.) YES NO Form/Title
Location in Building Primary Function Area per Table 140.60 KITCHEN & SERVICE AREA	WATTS PER(ft) 2 X 2 BLDG.AREA = ALLOWED WATTS 1.6 412 659	MANDATORY AND PRESCRIPTIVE INDOOR LIGHTING CONTROL SCHEDULE, PAF CALCULATION, and FIELD INSPECTION CHECKLIST PAF Credit Calculation 2 g g g g g g g g g	X NRCI LTI 01 E Must be so NRCI LTI 02 E Must be so to be recognized for comp
DINING AREA OTHER	1.1 415 457 0.6 279 167	Cceptane Cceptane Controlle Controlle Standards Complying With 1	X NRCI LTI 03 E Must be st overcurrent protection pa
		Lighting Control Schedule (✓all that apply, or enter if Exempted) A B C D E F G H I J K L M N O	X NRCL LIT 04 E Must be s conference room, a multi
		Type/ Description of Lighting Control (i.e.: occupancy sensor, # 51 51 51 51 51 51 51 51 51 51 51 51 51	X NRCI LTI 06 E Must be s compliance.
		Location in Building Control (i.e.: occupancy sensor, automatic time switch, dimmer, automatic daylight, etc Control (i.e.: occupancy sensor, automatic time switch, of J30 1(c) 1(d) 1(e) 1(e) 1(e) 1(e) 1(e) 1(e) 1(e) 1(e	Declaration of Require d Certificates of Accepta
		DIMMER V V V V V V V V V V V V V V V V V V V	completed and signed.) YES NO Form/Title
			X NRCALTI 02 E Must be X NRCALTI 03 E Must be
			x NRCA LTI 04 E Must be s
Registration Number: Registration Date/Time: CA Building Energy Efficiency Standards-2013 Nonresidential Compliance	HERS Provider: June 2013	Registration Number: Registration Fine: HERS Provider: June 2013	Ok Dubling Faces Efficiency Standards, 2013 Nanocidential Commissions
STATE OF CALIFORNIA		STATE OF CALIFORNIA	CA Building Energy Efficiency Standards—2013 Nonresidential Compliance STATE OF CALIFORNIA
NDOOR LIGHTING POWER ALLOWANCE EC-NRCC-LTI-03-E (Revised 06/13) CERTIFICATE OF COMPLIANCE	CALIFORNIA ENERGY COMMISSION NRCC-LTI-03-E	INDOOR LIGHTING - LIGHTING CONTROLS CEC-NRCC-LTI-01-E (Revised 06/13) CERTIFCATE OF COMPLIANCE IndoorLighting Lighting Controls (Page3 of 5)	INDOOR LIGHTING CEC-NRCC-LTI-01-E (Revised 06/13) CERTIFCATE OF COMPLIANCE USER INSTRUCTION Indoor Lighting
Certificate of Compliance Indoor Lighting Power Allowance Project Name: HOT STAR	(Page 3 of 4) Date Prepared: 7/10/2016	Project Name: HOT STAR Date Prepared: 7/10/2016	Project Name: HOT STAR
	TOTALS 1106 1283	INSTALED WATT\$PAGETOTAL: IF MULTIPE PAGES ARE USED,ENTER SUMTOTALOF ALLPAGESHERE: 1. §1330.1(a) = Manual area controls; §130.0(b) = Multi Level; §130.1(c) = Auto Shut Off; §130.1(c) = Mandatory Daylight; §130.1(e) = Demand Responsive; §140.6(d) =	A separate Lighting Schedule Must Be Filled Out ■ CONDITIONED SPACE □ UNCONDITIONED SPACE
Enter sum total Area Category allowed watts into section C1 of NRCC-LTI-03-E(this comp	liance form) WATTS	Additional lighting controls installed to earn a PAF; §140.6(d) = Prescriptive Secondary Sidelit Daylight Controls. 2. Check Table 140.6 A for correct Factor. PAFs shall not be traded between conditioned and unconditioned spaces. As a condition to earn a PAF, an Installation Certificate	C. INDOORLIGHTING CHEDULE and FI
A separate page must be filled out for Conditioned and Unconditioned Spaces. This page is only for: CONDITIONED spaces UNCONDITIONED spaces		also required to be filled out, signed, and submitted. DOCUMENTATION AUTHOR SPECIARATION STATEMENT	Luminair Schedule A B
C-2 AREA CATEGORY METHOD Additional Lighting Wattage Allowance(from Table 140.6 C Foot notes) A B C D D	E F G	1. I certifythatthisCertificateof Compliancedocumentatiois accurateand complète. Documentation Author Signature: Company: JS ELECTRICAL ENGINEERING, INC. Signature Date: 9/11/2016	A B
Primary Sq Ft or Watts Description(s) and Qu Function linear ft ' Allowed Luminaire Types in each Pr		Address: 410 S. San Gabriel Blvd. #8, City/State/Zip: SAN GABRIEL, CA 91776 Phone: 626-497-0558	Complete Luminaire Descrip
Turicum Illicum (Turicum Illicum I Turicum Illicum I Turicum Illicum III Turicum Illicum Illicum III Turicum Illicum III Turicum Illicum III Turicum Illicum III Turicum Illicum Illicum III Turicum Illicum III Turicum Illicum III Turicum Illicum III Turicum Illicum Illicum III Turicum Illicum Illicum Illicum III Turicum Illicum Illi		RESPONSIBLEERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: The information provided on this Configuration of Compliance is true and expense.	F32T8,one,dimmable electronich A 2X4 FLUO LT, B 6" RECESS LED, USA
		 The information provided on this Certificate of Compliance is true and correct. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer). The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of 	C 4" RECESS LED, USA
		Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.	
		5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy. Responsible Designer Name: JOSEPH ZHANG Responsible Designer Signature:	
		Company: JS ELECTRICAL ENGINEERING, INC. Address: 410 S. San Gabriel Blvd. #8,	
		City/State/Zip: SAN GABRIEL, CA 91776 Phone: 626-497-0558	
TOTALS—Enter into TOTAL AREA CATEGORY METHOD ADDITIONAL ALLO	DWANCES-Section C1	EXP.06-30-17	
gistration Number: Registration Date/Time: Building Energy Efficiency Standards-2013 Nonresidential Compliance	HERS Provider: June 2013	Registration Number: CA Building Energy Efficiency Standards-2013 Nonresidential Compliance Registration Date/Time: June 2013	CA Building Energy Efficiency Standards—2013 Nonresidential Compliance
TATE OF CALIFORNIA ADDOOR LIGHTING POWER ALLOWANCE		STATE OF CALIFORNIA INDOOR LIGHTING	
NDOOR LIGHTING POWER ALLOWANCE EC-NRCC-LTI-03-E (Revised 06/13) CERTIFICATE OF COMPLIANCE Certificate of Compliance Indoor Lighting Power Allowance	CALIFORNIA ENERGY COMMISSION NRCC-LTI-03-E (Page A of A)	CEC_NRCC_LTI_01_E (Revised 06/13) CERTIFICATE OF COMPLIANCE - USER INSTRUCTIONS NRCC-LTI-01_E	
Certificate of Compliance Indoor Lighting Power Allowance Project Name: TERMAT REPROPERENT HOT STAR	(Page 4 of 4) Date Prepared: 7/10/2016	Indoor Lighting (Page 5 of 5) Project Name: HOT STAR Date Prepared: 1/10/2016	
Use linear feet only for additional allowance for white board or chalk board. All other additional Area Category allowances shall use w. Additional watts are available only when allowed according to the footnotes on bottom of Table 146C, which include: Specialized task - Precision commercial and industrial work; Per linear foot of white board or chalk board; Accent, display and feature lighting; and Vid	work; Ornamental lighting;	Documentation AuthorName: JOSEPH ZHANG Documentation AuthorName: JOSEPH ZHANG Documentation AuthorName: JOSEPH ZHANG	
Luminaire classification and wattage shall be determined in accordance with \$130.0(c) of the Standards.	- ACTION	Company: JS ELECTRICAL ENGINEERING, INC. Signature Date: 9/11/2016 Address: 440.0. One On third Plant #9. CFA/HERS/entification (dentification (fraultication (fraultication (fraultication (fraultication)))	
OCCUMENTATION AUTHOR'S DECLARATION STATEMENT . I certify that this Certificate of Compliance documentation is accurate and complete.	PROFESS IONAL STANDARD	City/State/Zip: SAN GABRIEL, CA 91776 RESPONSIBLPERSON'S DECLARATION STATEMENT Phone: 626-497-0558	
compension of this certaincate of compliance adocumentation is accurate and complete. Documentation Author Name: JOSEPH ZHANG	r Signature:	I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified a tribical refraction of Compliance	
VO ELECTRICAL ELIVORNEE RIVER	on Identification (if applicable):	(responsible designer). 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.	
I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct.	7-0558 OF CALIFORNIA	 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the 	
 I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system desig of Compliance (responsible designer). The energy features and performance specifications, materials, components, and manufactured devices for the building design or sys 	n identified on this Certificate	builder provides to the building owner at occupancy. Responsible DesignerName: JOSEPH ZHANG Responsible Designer Signature:	
Certificate of compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the	n provide on other applicable is building permit application.	Company: JS ELECTRICAL ENGINEERING, INC. Date Signed 9/11/2016 Address: 410 S. San Gabriel Blvd. #8, License: E16949	
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issultant ovailable to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of included with the documentation the builder provides to the building owner at occupancy.	Compliance is required to be	City/State/Zip: SAN GABRIEL, CA 91776 Phone: 626-497-0558 NO.E-16949	
Responsible Designer Name: JOSEPH ZHANG Responsible Designer Name: JOSEPH ZHANG Company: JS ELECTRICAL ENGINEERING, INC. Date Signed: 9/11	/2016 ₩ NO.E-16949 ₩	EXP.06-30-17	
Address: 410 S. San Gabriel Blvd. #8, License: E169 3/by/Stote/Zip: SAN GABRIEL, CA 91776 Phone: 626-49	7-0558	OF CALIFORNIA	
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CA Building Energy Efficiency Standards-2013 Nonresidential Compliance

Registration Number: CA Building Energy Efficiency Standards—2013 Nonresidential Compliance

Registration Date/Time:

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Project Name:	HOT STAR				Date	Prepared: 7/10/2016	
Climate Zo		nditioned Flooi					
	Un	canditioned Floo	orArea:				
	nformation						
Building Ty	pe:		nresidential	☐ High Rise		☐ Hotel/Motel	
☐ Schools			locatable Public Schools	☐ Conditio		☐ Unconditioned Spaces	
Phase of Co	nstruction:	□ Ne	w Construction	☐ Addition			
Methodof (Compliance:	□ Co	mplete Building		egory	☐ Tailored	
LIGHTINGCO	MPI IANCEOCI IM	IFNTS/select ves fo	or each document included)				
			· · · · · · · · · · · · · · · · · · ·	liance documentsref	er to the Nonæsidential Ma	nualpublishedby the California EnergyCo	mmission.
YES	NO	FORM	TITLE	· · · · · · · · · · · · · · · · · · ·		,,,	
X		NRCC-LTI-01-E	Certificateof Compliance A	ll Pagesrequiredon pl	ansforall submittals.		
×		NRCC-LTI-02-E				uiredon plansfor all submittals.	
X		NRCC-LTI-03-E	Indoor Lighting PowerAllo	wance			
	×	NRCC-LTI-04-E	Tailored Method Workshee	ts			
	X	NRCC-LTI-05-E	Line Voltage Track Lighting	Worksheets			
Summary	of Allowed Lig	hting Dower					
			g must not be combined for	compliance			
Contaitionet			for Conditioned Spaces	compliance	Indoor Lig	nting Power for Unconditioned Space	95
	illuoo	r Lighting r Ower	Tor conditioned spaces	Watts	111001 216	Tring Tower for onconditioned space	Watts
			Installed Lighting	799		Installed Lighting	

1.		N	IRCC LTI 01 E, page 4 +	133		NRCC LTI 01 E, page 4 +	
1. 2.		PORTABL	E ONLY FOR OFFICES _	133			
2.		PORTABL N Minus Lig	E ONLY FOR OFFICES HIRCC LTI 01 E, page 3 High ting Control Credits	199	M		
		PORTABL N Minus Lig N	LE ONLY FOR OFFICES + RCC LTI 01 E, page 3 + RCC LTI 01 E, page 3 RCC LTI 01 E, page 2	133		NRCC LTI 01 E, page 4 + inus Lighting Control Credits NRCC LTI 01 E, page 2	
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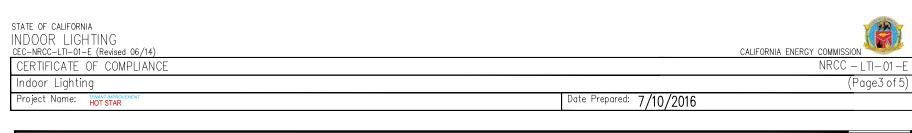
5.		Complies ONLY if I	nstalle d Allowe	d 🖠	Complies ONLY if Installe	d Allowed 🛊		
6.		Allowed Lighting Power Conditioned NRCC LTI 03 E, page 1	1283	Allowed Lig Unco nditio ned NRCC LTI 03	hting Power E, page 1			
	n of Requ		for all Installation	Certificates that will be submi	tted. (Retain copies and verify	/ forms are		
YES	NO	Form/Title						
Х		NRCI LTI 01 E Must be subm itted for all buildings)		Field I	nspe ctor		
Х	NRCI LTI 02 E Must be submitted for a lighting control system, or for an Energy Management Control System (EMCS to be recognized for compliance.							
	X NRCI LTI 03 E Must be submitted for a line voltage track lighting integral current limiter, or for a supplementary overcurrent protection panel used to energize only line voltage track lighting, to be recognized for compliance.							
	X NRCI LTI 04 E Must be submitted for two interlocked systems serving an auditorium, a convention center, a conference room, a multipurpose room, or a theater to be recognized for compliance.							
	х	NRCI LTI 05 E Must be submitted for a Power Adjus	tment Factor (PAF	F) to be recognized for complia	nce. Field I	nspe ctor		
	х	NRCI LTI 06 E Must be submitted for additional wat compliance.	tage installed in a	video conferencing studio to b	pe recognized for Field I	nspe ctor		
	n of Requirements of the second of the secon	ire d Certificates of Acceptance Declare by checking a ed.) Form/Title	ll of the Certificato	es of Acceptance that will be s	ubmitted. (Retain copies and	verify forms are		
Х		NRC A LTI 02 E Must be submitted for occupancy se	nsors and automa	tic time switch controls.	Field I	nspe ctor		
	X	NRC A LTI 03 E Must be submitted for automatic day	light controls.		Field I	nspe ctor		
	l x	NRC A LTI 04 E Must be submitted for demand response	nsi ve lighting cor	ntrols	Field I	nspe ctor		

DOOR LIGHTING NRCC-LTI-01-E (Revised 06/13)	CALIFORNIA ENERGY COMMISSION
ERTIFICATE OF COMPLIANCE USER INSTRUCTIONS	NRCC-LTI-01-E
ndoor Lighting	(Page 4 of 5)
roject Name: HOT STAR	Date Prepared: 7/10/2016

ned Space. Installed Lighting Power listed on this Lighting Schedule is only for: EDSPACE UNCONDITIONEDSPACE IGHTINGSCHEDUIF and FIELDINSPECTION NERGYCHECKLIST

	Luminair&chedule		Ins	talledW	atts		Location	FieldIr	spector 1
Α	В	С)	E	F	G		H
				ttage was mined		Wat			
Name or Item Tag	Complete Luminaire Description (i.e, 3 lamp fluorescent troffer, F32T8,one, dimmable electronic ballast)	Watts per Luminaire	CEC Default from NA8	According to §130.0(c)	Number Luminaires	Total Insalled Watts in this area (CXE)	Primary Function area in which these luminaire areinstalled	Pass	Fail
Α	2X4 FLUO LT,	64	X		7	448		\setminus	
В	6" RECESS LED, USA	9	X		6	54			
С	4" RECESS LED, USA	9	X		33	297			
			X					\	
			X						Χ
			X					/	
			X					/	/
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•		INSTAL	L ED WA	TTS PAG	ETOTAL:	799	Entersumtotal of all pages into NRCCLTI 01 E; Page 2		

June 2013



A separate Lighting Schedule Must Be Filled Out for Conditioned and Unconditioned Spaces. Installed Lighting Power listed on this Lighting Schedule is only for: CONDITIONED SPACE O UNCONDITIONED SPACE

A. INDOOR LIGHTING SCHEDULE and FIELD INSPECTION ENERGY CHECKLIST

☐ The actual indoor lighting power listed on this page and on the next page includes all installed permanent and planned portable lighting systems. o When Complete Building Method is used for compliance, list each different type of luminaire on separate lines. o When Area Category Method or Tailored Method is used for compliance, list each different type of luminaire by each different function area on separate lines o Also include track lighting in schedule, and submit the track lighting compliance form(NRCC-LTI-05-E)when line-voltage track lighting is installed.

3. Installed Portable Luminaires in Offices Exception to

This section shall be filled out ONLY for portable luminaires in offices (As defined in §100.1). All other planned portable luminaires shall be documented on next page of this compliance form.

O This section is used to determine if greater than 0.3 watt

O Fill out a separate line for each different office. Small offices that are typical (having the same general and portable lighting) may be grouped together. This allowance shall not be traded between offices having different lighting systems.

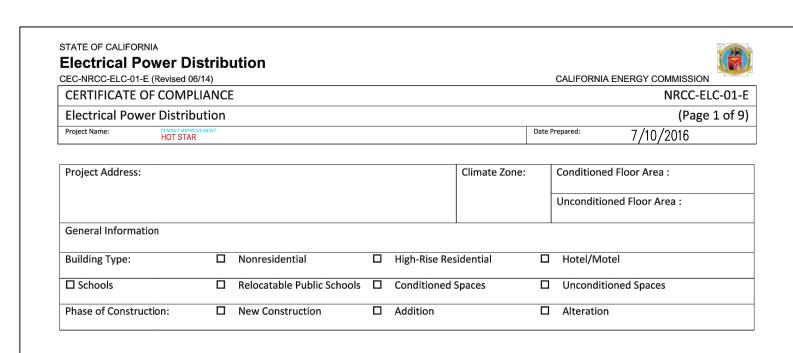
Office Portable Luminaire Schedule	Office In	stalled	l Portable	Luminair	e Watts	Per Square	Accountable Watts	Office Location	Fie Inspe	
А	В						Н			
Complete Luminaire Description (i.e., LED, undæabinet, furniture mounted direct/indirect)	Watts per Luminaire	Number of Luminaires	portable luminaire watts in this office (B x C)	Square feet of this office	Watts per square foot (D / E)	If Fd 0.3, enter zero; if F > 0.3, (F-0.3)	ExG	Identify Office area in which these portable luminaires are installed	Pass	Fail
									0	0
									0	0
									0	0
									0	0
									0	0
			•					Enter sum total of all pages into	NRC	-

CA Building Energy Efficiency Standards — 2013 Nonresidential Compliance

Total installed portable luminaire watts that are greater than 0.3 watts per square foot per office:

June 2014

.TI-01-E; Page1



 □ Each newly installed electrical service (in both existir which is reproduced below. 	ng and newly const	ructed buildings) is required to b	e metered, a	s set out in Ta	ble 130.5	5-A,
lacksquare Fill out a separate line for each electrical service that	is connected to th	ne building.					
Electrical Service Schedule	Electrical Service Rating	Metering C	apabilities (chec	k all that are	present)	Fie Inspe	
A	В	С	D	E	F	G	i
Designation/location in building/description	kVA	Instantaneous (at the time) kW demand	Historical peak demand (kW)	Resettable kWh	kWh per rate period	Pass	Fail



June 2014 CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance



1211 N. Azusa Canyon Rd,#B West Covina, CA 91790 Tel: 626-962-0997 Fax: 626-962-0229 E-mail:admin@dcdesignconsulting.com

駿業建築裝修集團

A Project for:

EXP.06-30-17 PERMIT#

No. Description Drawn By: ALEN DENG Reviewed By: Scale:

TITLE

TITLE 24 MANDATORY NOTES

MANDATORY REQUIREMENTS **Equipment and Systems Efficiency**

Any appliance for which there is a California standard established in the Appliance Efficiency Standards may be installed only if the manufacturer has certified to the Commission, as specified in those regulations, that the appliance complies with the applicable standard for that appliance. Included are room air conditioners, central air conditioning heat pumps mat appliance. Included are room air conditioners, central air conditioning heat pumps (regardless of capacity, except that requirements for central air conditioning heat pumps with cooling capacity of 135,000 Btu/hr or more apply to heating performance but not cooling performance), other central air conditioner's with a cooling capacity less than 135,000 Btu/hr, fan type central furnaces with input rate less than 400,000 Btu/hr, boilers wall furnaces, floor furnaces, room heaters, unit heaters, and duct furnaces shall have been certified to the California Energy Commission by its manufacturer to comply with the Appliance Efficiency Standards.

The following space conditioning equipment may be installed only if the manufacturer has certified that the equipment meets or exceeds all applicable efficiency requirements listed in § 112 of the Energy Efficiency Standards: all air conditioners, heat pumps and condensing units > 135,000 Btu/hr, all water chillers, all gas-fired boilers > 300,000 Btu/hr, all oil-fired air-conditioning units > 225,000 Btu/hr. Fan type central furnaces shall not have a pilot

Piping, except those conveying fluid temperatures between 60oF and 105oF or within HVAC equipment, shall be insulated in accordance with Standards §123. Air handling duct systems shall be constructed, installed, sealed, and insulated as provided in Chapter 10 of the Uniform Mechanical Code.

Each space conditioning system serving building types such as offices and manufacturing facilities (and all others not explicitly exempt from the requirements of §112(d)) shall be installed with an automatic time switch with an accessible manual override that allows operation of the system during off—hours for up to 4 hours. The time switch shall be capable of programming different schedules for weekdays and weekends, and has program backup capabilities that prevent the loss of the device's program and time setting for at least 10 hours if power is interrupted.

Each space conditioning zone shall be controlled by an individual thermostatic control that responds to temperature within the zone. Where used to control heating, the control shall be adjustable down to 55oF or lower. For cooling, the control shall be adjustable up to 85oF or higher. Where used to control both heating and cooling, the control shall be capable of providing a dead band of at least 5oF within which the supply of heating and cooling is shut

Thermostats shall have numeric setpoints in oF Thermostats shall have adjustable setpoint stops accessible only to authorized personnel

operation when the heating load can be met by the heat pump alone. Electric resistance supplementary heater operation is permitted during transient periods, such as start—ups and following room thermostat setpoint advance, when controls are provided which use preferentia rate control, intelligent recovery, staging, ramping, or similar control mechanisms designed to preclude the unnecessary operation of supplementary heating during the recovery period. Supplementary heater operation is also permitted during defrost.

Controls shall be provided to allow outside air dampers or devices to be operated at the ventilation rates as specified in these plans.

the outside air intakes and discharges of all space conditioning and exhaust systems. All gravity ventilating systems shall be provided with automatic or readily accessible manually operated dampers in all openings to the outside, except for combustion air openings. Air Balancing: All space conditioning and ventilation systems shall be balanced to the quantities specified in these plans, in accordance with the National Environmental Balancing Bureau (NEBB) Procedural Standards (1983), or Associated Air Balance Council (AABC) National

Outside Air Certification: The system shall provide the minimum outside air as shown on the mechanical drawings, and shall be measured and certified by the installing licensed C—20 mechanical contractor.

WATER HEATER REQUIREMENT: MINIMUM EXTERNAL INSULATION IS R-12 OR INSULATION OF R-16, CEC 113(C)4.

	AIR DISTRIBUTION SCHEDULE										
MARK	SERVICE	FACE SIZE	NECK SIZE	DUCT SIZE	MANUF.	MODEL	DESCRIPTION				
'A'	CEILING SUPPLY	6 x 36	SEE PLAN	SEE PLAN	TITUS	TMS					
'B'	CEILING RETURN	24 x 24	SEE PLAN	SEE PLAN	TITUS	PAR					

AIR MOVING SYSTEMS WHICH SUPPLY AIR IN EXCESS OF 2000 CFM SHALL BE EQUIPPED WITH AN AUTOMATIC SHUT-OFF ACTIVATED BY AN APPROVED SMOKE DETECTOR LOCATED IN THE SUPPLY AIR DUCT

> DETECTION OF SMOKE BY ANY DUCT SMOKE DETECTOR SHALL INTERRUPE THE POWER SUPPLLY TO ALL AIR MOVING EQUIPMENT."

MEC	HANICAL EQUIPMENT SCHEDULE
EXISTING FC 1	CARRIER MODEL FB4ANF-036, HEAT PUMP AIR FLOW (CFM): 1200 CFM @ 0.40" ESP, MIN. O.A.= 400 CFM ELECTRICAL: 230V-1ø-60, MCA=30 MOCP=50, OPERATING WT: 160 LBS.
FC 2	
EF 2	CEILING EXHAUST FAN "TRADE-WIND" VQT90 UNIT CAPACITY 100 CFM @ .25" SP PROVIDE UNIT WITH BACKDRAFT DAMPER & ROOF JACK. ELECTRICAL: 120V, 100 WATT UNIT SHALL BE CONTROLLED BY LIGHT SWITCH
	UNIT APPROX. WEIGHT = 20 LBS.

AIR SUPPLY DIFFUSER SCHEDULE ROUND DUCT DIF DESCRIPTION | NECK CFM MAX CONNECTION OR SIZE DIMENSION RANGE NC ① & ② SYMBOL FQUIV. RECT. DU 8" DIA. 8 X 8 126 - 200 | 20 9" DIA. 10 X 10 12" DIA. 201 - 300 | 20 12 X 12 14" DIA. 301 - 450 | 20 16 X 16 16" DIA. 3-WAY BLOW 18 X 18 18" DIA. ① T-BAR CEILING DIFFUSERS SHALL BE 24"x 24 PERFORATED FACE DIFFUSERS WITH FOUR (4) DIRECTIONAL (FULLY ADJUSTABLE) AIR PATTERN MODULAR CORES W/ EQUAL AIR FLOW IN ALL FOUR DIRECTIONS. PROVIDE TITUS MODEL PMC-DF FOR DROPPED FACE (TEGULAR) APPLICATIONS. CONFIRM WITH GENERAL CONTRACTOR RETURN & EXHAUST DIFFUSER SCHEDULE 6" DIA. 8 X 8 9" DIA. 10 X 10 201 - 300 12" DIA. 301 - 500 | 20 12 X 12 14" DIA. 15 X 15 16" DIA. 501 - 700 18 X 18 801 - 1000 | 25 20" DIA. 1000 - 1500 | 25 ① ALL RETURN AIR REGISTERS SHALL HAVE OUTER BLADES PARALLEL TO THE LONG DIMENSION. ② IN DUCTED APPLICATIONS, ALL VOLUME DAMPERS SHALL BE MOUNTED A MINIMUM 6' AWAY FOR REGISLERS DUCT SIZE SCHEDULE LOW VELOCITY DUCT SYSTEMS SUPPLY AND EXHAUST ROUND DUCT DIAMETER OR EQUIVALENT RECTANGULAR DUCT ROUND DUCT DIAMETER OR EQUIVALENT RECTANGULAR DUCT CFM RANGE CFM RANGE 15" DIA. 900 - 1100 6" DIA. UP TO 80 16" DIA. 1100 - 1400

8" DIA.

9" DIA.

11" DIA.

12" DIA.

14" DIA.

#12 GA. HANGER WIRE

1400 - 1900

1900 - 2500

2500 - 3300

3300 - 4100

4100 - 5000

6200 - 7500

120 - 180

180 - 270

270 - 350

350 - 450

450 - 600

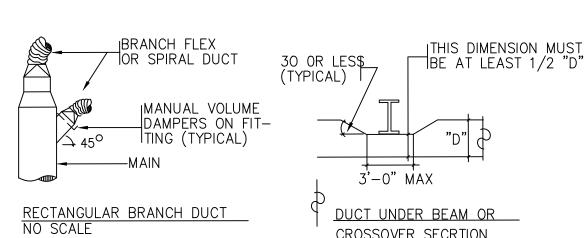
750 - 900

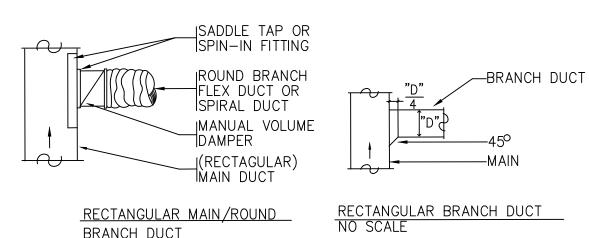
DIFFUSERS, GRILLES & REGISTERS

#12 GA WIRE BRACING ATTACH RIGID DUCT TO FLEX DUCT W/ STRAP (TYP) ROD CONTINUOUS ON ALL DAMPERS OVER 12" DIAMETER FLEXIBLE DUCT -MANUAL AIR VOLUME ▼ ∩ DAMPER (TYP) ROUND DUCT DIFFUSER −SECURE W/ (4)#10 SCREWŠ´

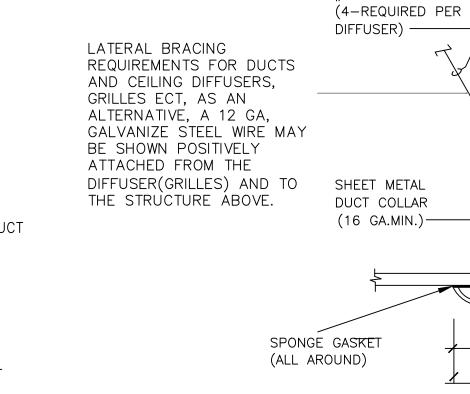
CEILING DIFFUSER DETAIL

NO SCALE





(RECTAGULAR)	MAIN
RECTANGULAR MAIN/ROUND BRANCH DUCT NO SCALE	RECTANGULAR BRANCH DUCT NO SCALE
TYPICAL PLICT PETAIL	•



18" DIA.

20" DIA.

22" DIA.

24" DIA.

26" DIA.

30" DIA.



DIFFUSER

TEE BAR

SURFACE

MOUNTED

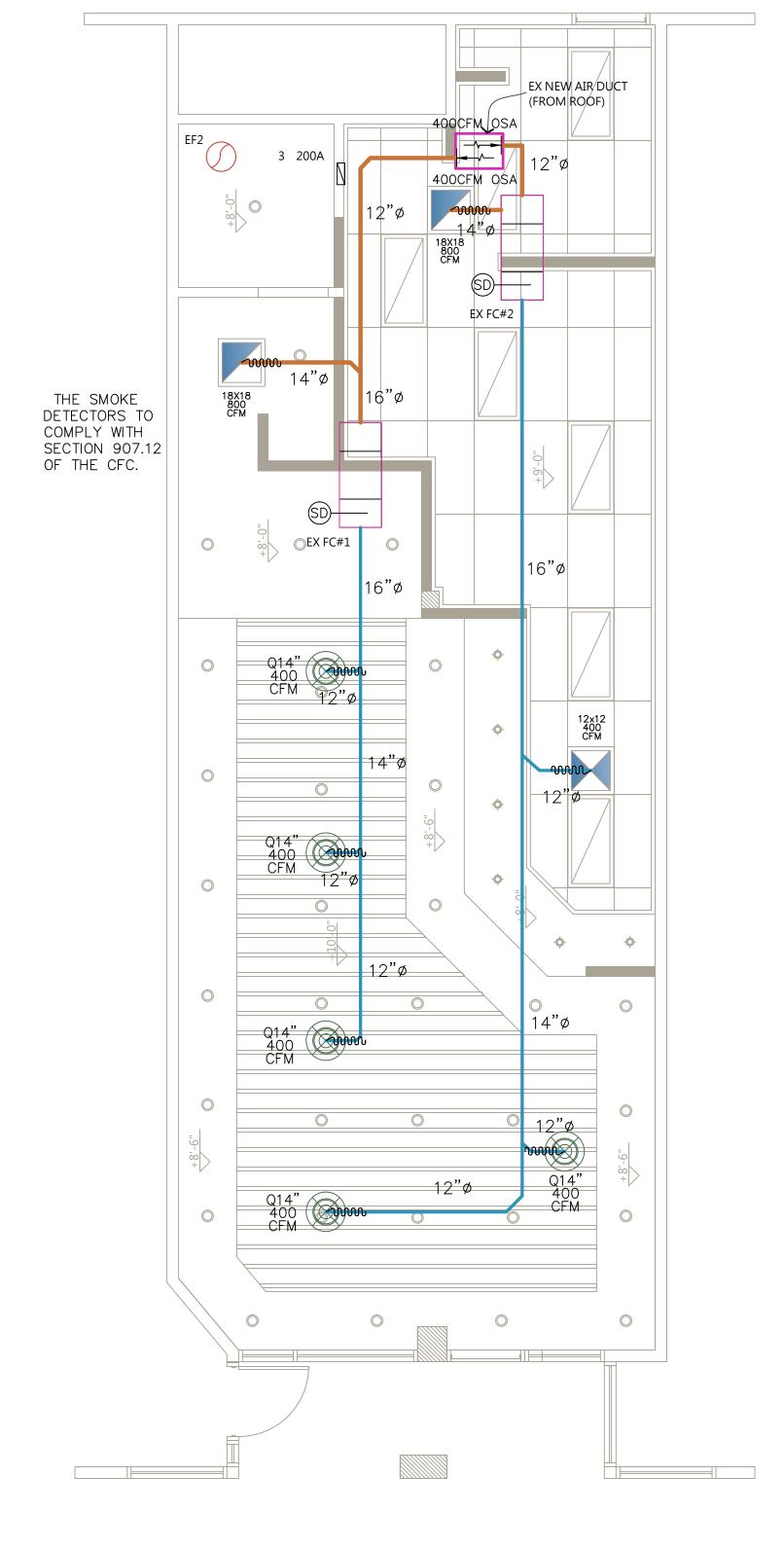
- FLEXIBLE

- STAINLESS STEEL

- STRAIGHTENING

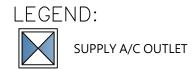
SCREW TYPE CLAMP

ROUND DUCT





SUPPLY A/C OUTLET



RETURN A/C OUTLET

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

EX FC#1 AND EX FC#2, NO CHANGE, SHALL BE RELOCATED EXISTING A/C DUCTING SYSTEM WITH A/C REGISTERS.

EXP.12-31-17 PERMIT# No. Description

AR

HOT

COMMERCIAL

RESIDENTIAL

West Covina, CA 91790

世

A Project for:

Tel: 626-962-0997 Fax: 626-962-0229

1211 N. Azusa Canyon Rd,#B

E-mail:admin@dcdesignconsulting.com

∟Project No.: Drawn By: ALEN DENG Reviewed By Scale: Filename: Sheet Title:

AC DUCT PLAN

Not for construction until reviewed, signed, and dated.

11. Administrative Requirements: The following notes (items) represent the Administrative Requirements for all buildings and

shall appear as notes on the plans. A) The person with overall responsibility for construction or the person responsible for the installation of regulated manufactured devices shall post, or make available with the building permit(s) issued for the building, the Installation Certificate(s) for manufactured devices regulated by the Appliance Efficiency Regulations or Part 6. Such Installation Certificate(s) shall be made available to the enforcement agency for all appropriate inspections. These certificates shall:

i) Identify features required to verify compliance with the Appliance Efficiency Regulations and Part 6. ii) Include a statement indicating that the installed devices conform to the Appliance Efficiency Regulations and Part 6 and the requirements for such devices given in the plans and specifications approved by the local enforcement

iii) State the number of the building permit under which the construction or installation was performed. Sec. 10-103 (a) 3 A B) After installing wall, ceiling, or floor insulation, the installer shall make available to the enforcement agency or post in a conspicuous location in the building a certificate signed by the installer stating that the installation is consistent with the plans and specifications described in Sec. 10-103 (a) 2 A. The certificate shall also state the manufacturer's name,

material identification, and the installed R-value. Sec. 10-103 (a) 4 C) The applicant shall file all Certificate(s) of Acceptance, required by the Mech-1-C, with the enforcement agency prior to receiving a final occupancy permit. The signer(s) shall be eligible under Division 3 of the Business and Professions code to sign such documents. Sec. 10-103 (b)

D) The builder shall provide the building owner or the person(s) responsible for building maintenance (in case of multi-tenant or centrally operated buildings) at occupancy the following:

1) Operating information: The appropriate certificate(s) of compliance and a list of the features, materials, components, and mechanical devices installed in the building and instructions on how to operate them efficiently. 2) Maintenance information: Required routine maintenance actions shall be clearly stated and incorporated on a readily accessible label. The label may be limited to identifying the operation and maintenance manual.

3) Ventilation information: A description of the quantities of outdoor and recirculated air that the ventilation systems are designed to provide to each area. Sec. 10-103 (c)

E) For buildings that have used a compliance option that requires field verification and diagnostic testing, the building department shall not approve the building until the building department has received a Certificate of Field Verification and Diagnostic Testing that has been signed and dated by the HERS Rater. Sec. 10-103(e)2

All air distribution system ducts and plenums, including, but not limited to, building cavities, mechanical closets, air-handler boxes and support platforms used as ducts or plenums, shall be installed, sealed and insulated to meet the requirements of chapter 6 of the 2001 CMC. Supply-air and return-air ducts conveying heated or cooled air shall be insulated to a minimum installed level of R-8, unless ducts are in conditioned space.

Sec. 124 (a) (N) The piping for all space conditioning and service water heating systems shall be insulated in accordance with TABLE 123-A.

O) Water heating systems shall be equipped with automatic temperature controls capable of adjustment from the lowest to the highest acceptable temperature settings for the Intended use as listed in Table 2, Chapter 49 of the ASHRAE Handbook, HVAC Applications Volume.

P) Service water heating systems and equipment shall meet the applicable requirements of the Appliance Efficiency Regulations as required by Sec. 111.

R) Lavatories in public restrooms shall have controls that limit the water supply temperature to110°F. Sec. 113(c)3

Sec.113(a)1

TYPICAL DUCT DETAILS NO SCALE

BUILDING ENERGY ANALYSIS REPORT		TABLE OF CONTENTS			
PROJECT: TENANT IMPROVEMENT 950 E. COLORADO BLVD. PASADENA, CA 92206		1			
Project Designer: JS ENGINERRING, INC. 410 S. SAN GABRIEL BLVD, #8 SAN GABRIEL, CA 91776 626-497-0558					
Report Prepared by: JOSEPH ZHIQIANG ZHANG JS ELECTRICAL ENGINEERING, INC. 410 S. SAN GABRIEL BLVD, #8 SAN GABRIEL, CA 91776 626-497-0558					
Job Number: 2016319 Date: 9/12/2016 The EnergyPro computer program has been used to perform the calculations summarized in this compliance report. This program has approval and is authorized by the California Energy Commission for use with both the Residential and Nonresidential 2013 Building Energy Efficiency Standards. This program developed by EnergySoft, LLC – www.energysoft.com. EnergyPro 6.7 by EnergySoft User Number: 8251 ID: 2016319	EnergyPro 6.7 by EnergySoft	Job Number: ID: 2016319 User Number: 8251			
STATE OF CALIFORNIA MECHANICAL SYSTEMS CEC-NRCC-MCH-01-E (Revised 05/15)	CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA MECHANICAL SYSTEMS CEC-NRCC-MCH-01-E (Revised 05/15)	CALIFORNIA ENERGY COMMISSION	STATE OF CALIFORNIA MECHANICAL SYSTEMS CEC-NRCC-MCH-01-E (Revised 05/15) CALIFORNIA ENERGY COM	PMMISSION
CERTIFICATE OF COMPLIANCE Mechanical Systems Project Name: TENANT IMPROVEMENT Date Prepared: 9/12/2016	NRCC-MCH-01-E (Page 1 of 4)	CERTIFICATE OF COMPLIANCE Mechanical Systems Project Name: TENANT IMPROVEMENT	NRCC-MCH-01-E (Page 2 of 4) Date Prepared: 9/12/2016		RCC-MCH-01 (Page 3 of
A. MECHANICAL COMPLIANCE FORMS & WORKSHEETS (check box if worksheet is included) For detailed instructions on the use of this and all Energy Efficiency Standards compliance forms, refer to the 2013 Nonresidential Manual Note: The Enforcement Agency may require all forms to be incorporated onto the building plans. YES NO Form/Worksheet # Title	lans where applicable. ems. It is optional on plans. ot water or condenser water	B. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required forms) Test Performed By: Designer: This form is to be used by the designer and attached to the plans. Listed below are all the acceptance test acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the sacceptance test that apply and list all equipment is responsible to either conduct the acceptance test them se responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance Enforcement Agency: Plancheck – The NRCC-MCH-01-E form is not considered a completed form and is not to be accepted by the Inspector - Before occupancy permit is granted all newly installed process systems must be tested to ensign the process systems must be tested to ensign the process of the pro	if or have a qualified entity run the test for them. If more than one person has applicable to the portion of the construction or installation for which they are responsible. The building department unless the correct boxes are checked. The proper operations. The MCH-07A MCH-08A MCH-09A MCH-10A MCH-11A Hydronic Supply Fan Valve Leakage Supply Water System Demand Shed	C. MECHANICAL HVAC ACCEPTANCE FORMS (check box for required forms) Test Performed By: Designer: This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for HVAC systems. The designer is required to check the applicable boxes acceptance tests that apply and list all equipment that requires an acceptance test. All equipment of the same type that requires a test, list the equipment description and the numb Installing Contractor: The contractor who installed the equipment is responsible to either conduct the acceptance test them self or have a qualified entity run the test for them. If more than one person in responsibility for the acceptance testing, each person shall sign and submit the Certificate of Acceptance applicable to the portion of the construction or installation for which they at The following tests require a Enforcement Agency: Plancheck – The NRC-MCH-D1-E form is not considered a completed form and is not to be accepted by the building department unless the correct boxes are checked. Inspector – Before occupancy permit is granted all newly installed process systems must be tested to ensure proper operations. Test Description MCH-12A MCH-13A MCH-13A MCH-13A MCH-13A MCH-13A MCH-13A MCH-13A MCH-13A MCH-13A MCH-13C Temperature Reset Controls Systems Systems Temperature Reset Condenser Water Temperature Reset Controls Test Description Test Des	ber of systems. has
CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance	May 2015	CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance	May 2015	CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance	May 201
STATE OF CALFORNIA MECHANICAL SYSTEMS GEC.NRCC-MOH-10-1E (Revised 0815) CERTIFICATE OF COMPLIANCE Mechanical Systems Project Name: TENANT IMPROVEMENT DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. I certify that this Certificate of Compiliance documentation is accurate and complete. Documentation Author Name: JOSEPH ZHIQIANG ZHANG Company: JS ELECTRICAL ENGINEERING, INC. Address: 410 S. SAN GABRIEL BLVD, #8 Chy/State/Zip: SAN GABRIEL, CA 91776 RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identification from the trequirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compiliance are consistent with the information provided on two worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compiliance are consistent with the information provided on the worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compiliance are consistent with the information provided on building owner at occupancy. Responsible Designer Name: JOSEPH ZHIQIANG ZHANG Responsible Designer Signature: JOSEPH ZHIQIANG ZHANG Chy/State/Zip: SAN GABRIEL, CA 91776 Phone: 626-497-0558	tificate of Compliance (responsible ed on this Certificate of Compliance applicable compliance documents, do made available to the enforcement	MECHANICAL VENTILATION AND REHEAT CEC-NRCC-MCH-03-E (Revised 05/15) CERTIFICATE OF COMPULANCE Mechanical Ventilation & Reheat Project Name: TENANT IMPROVEMENT ACTUAL DESign INFO (FROM EQUIPMENT SCHEDULES, ETC) A B C D E F G H I J J K COMUNICATION OF THE STREET SCHEDULES, ETC) A B C D E F G H I J J K COMUNICATION OF THE STREET SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B C D SESSION PRIMARY (CFA) AND SCHEDULES, ETC) A B SCHEDULES, ETC) A REABASIS OCCUPANCE (CFA) AND NUMBER OF A BESSION	L M P Q R S T COM-PLES S NAT COM-PLES COM-PLES COM-PLES TOTAL AIR-LOW AIR	STATE OF CALIFORNIA MECHANICAL VENTILATION AND REHEAT CEC-NROC-MCH-03c (Revised 6915) CERTIFICATE OF COMPLIANCE Mechanical Ventilation & Reheat Project Numer TENANT IMPROVEMENT DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. Lecrify that this Certificate of Compliance documentation is accurate and complete. DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 1. Lecrify that this Certificate of Compliance documentation is accurate and complete. DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 2. SEPH ZHICLANG ZHANG Company: JOSEPH ZHICLANG ZHANG Company: JS ELECTRICAL ENGINEERING, INC. Address: 410 S. SAN GABRIEL, CA 91776 Phone: 626-497-0558 RESPONSIBLE PERSON'S DECLARATION STATEMENT Lecrify the following under penalty of perjury, under the laws of the State of California: 1. The Information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of compliance in the compliance of the conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on this Certificate of compliance are consistent with the information provided on other applicable compliance worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with the building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance are consistent with the building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder building commer at occupancy. Responsible Designer hame: JOSEPH ZHIQIANG ZHANG Company: JS ENGINEERING, INC. Date Signed: Bate Signed: Bate Signed: Bate Signed: Bate Signed: Bate	(Page 2 of (Page 2 of (responsible f Compliance e documents,
		N. This column identifies whether or not the Design Primary Deadband Airflow complies or not. It com O. Design Primary Cooling Airflow * 0.50 for DDC, Design Primary Cooling Airflow * 0.30 for Non-DDC. P. Maximum of Column M and Column O. If the Design Primary Cooling Airflow is 300 cfm or less, ther Q. This column identifies whether or not the Design Primary Reheat Airflow at the zone level, complies R. Design Primary Cooling Airflow * 0.20 for DDC. Not applicable for Non-DDC zones or zones where D S. Maximum of Column M and Column R. Not applicable if the Design Primary Cooling Airflow is 300 c T. This column identifies whether or not the Design Primary Deadband Airflow at the zone level, comp	pares the value in column M to the value in column C and column F. If the Design Primary Cooling Airflow is less than 300 cfm, then this is not applicable. I this is not applicable. I or not. It compares the value in column P to the value in column D. Sesign Primary Cooling Airflow is 300 cfm or less. If m or less.		

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

May 2015

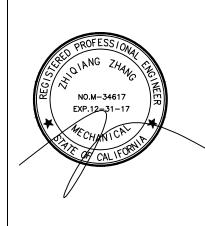
CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

REVISIONS , CA 92206 DENA

TENANT IMPROVEMENT
950 E. COLORADO BLVD., PASA

Project:
Address:



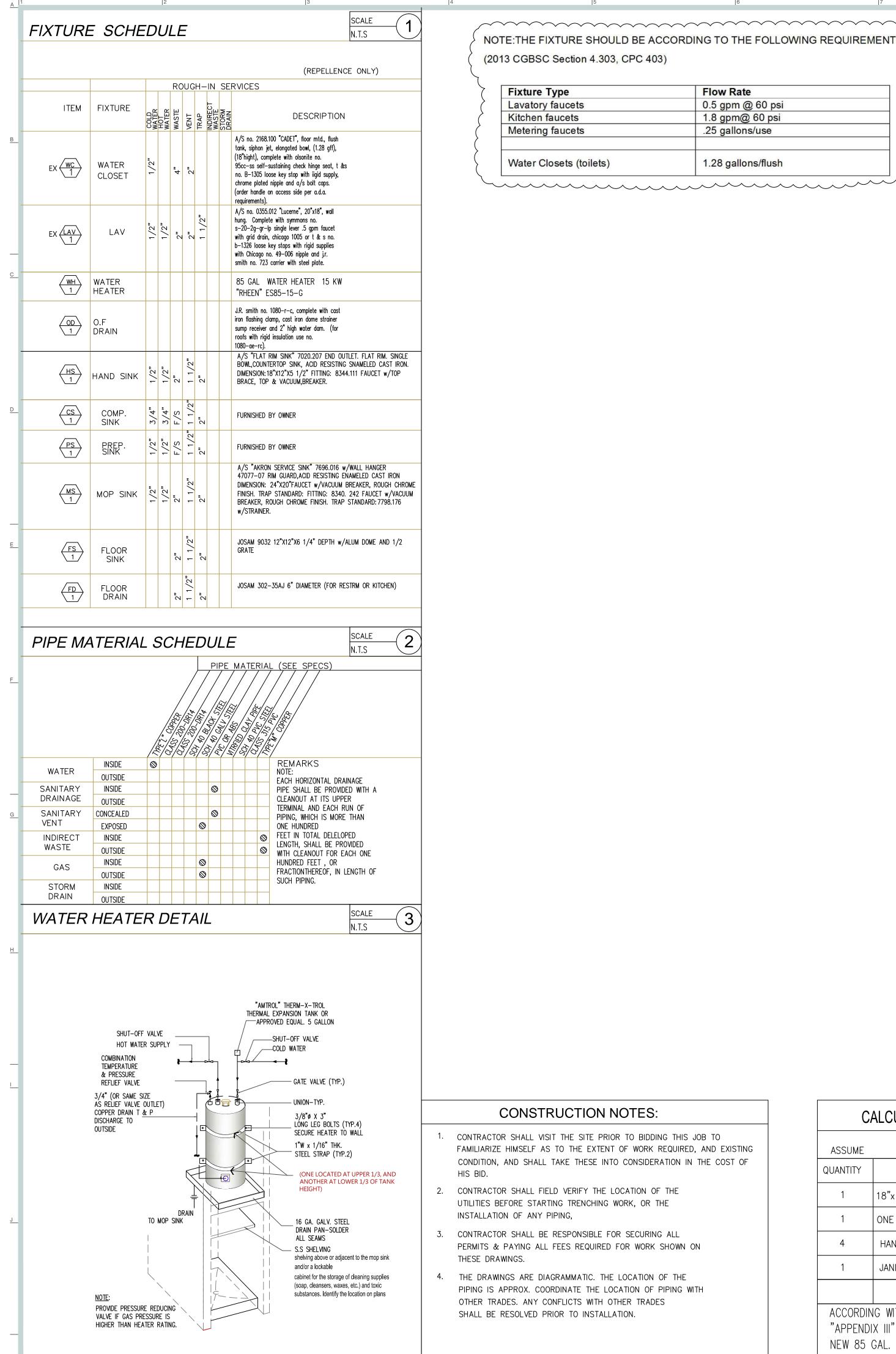
Date: 9-12-2016

JOB# 2016319

May 2015

T-24

1 /2



NOTE: THE FIXTURE SHOULD BE ACCORDING TO THE FOLLOWING REQUIREMENT: (2013 CGBSC Section 4.303, CPC 403)

Fixture Type	Flow Rate	
Lavatory faucets	0.5 gpm @ 60 psi	
Kitchen faucets	1.8 gpm@ 60 psi	
Metering faucets	.25 gallons/use	
Water Closets (toilets)	1.28 gallons/flush	

DESIGN NOTES

CALCULATE THE TOTAL HOURLY HOT WATER

RATE OF FLOW

42 GPH

5 GPH

4x5 GPH

15 GPH

82 GPH

DESCRIPTION

HAND LAVATORIES

JANITORIAL SINK(MOP SINK)

NEW 85 GAL. 15 KW WATER HEATER IS OK.

TOTAL

ACCORDING WITH GUIDELINES FOR SIZING WATER HEATERS TABLE

"APPENDIX III" (SIZING TABLE FOR ELECRIC WATER HEATERS) TO USE

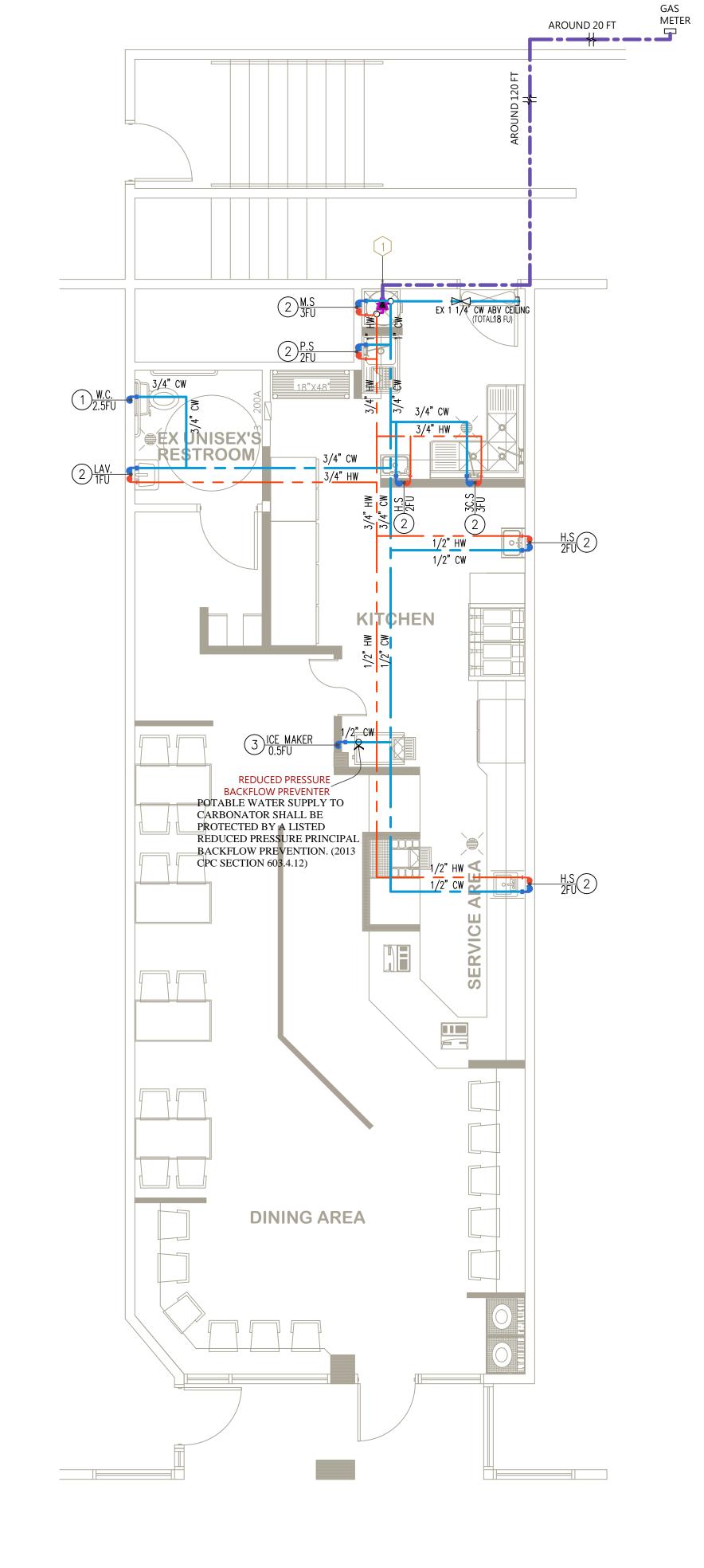
18"x18" THREE COMPARTMENT SINK

ONE COMPARTMENT FOOD PREP SINK

ASSUME

QUANTITY

- 1) 3/4" CW
 - 3/4" HW & CW
- 1/2" CW UP THRU ROOF TO MAKE-UP AIR UNIT WITH SOV AND VACUUM BREAKER TYPE BACKFLOW PREVENTER
- 1-0" HW & CW, DOWN TO WATER HEATER
- LINE SIZE SOV AND EMERGENCY-OFF MECHANICAL VALVE.
- POINT OF CONNECTION. CONTRACTOR TO VERIFY LOCATION AND SIZE MAKE NECESSARY ADJUSTMENT OR REPLACE AS REQUIRED.



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

Not for construction until reviewed, signed, and dated.

PLUMBING

PLAN

& Consulting Inc.

■COMMERCIAL

RESIDENTIAL

Tel: 626-962-0997

Fax: 626-962-0229

築裝修

重

A Project for:

S

HOT

2 HEALTH CORRECTION 8-23

PERMIT#

∟Project No.:

Reviewed By

Scale:

Filename:

Sheet Title:

No. Description

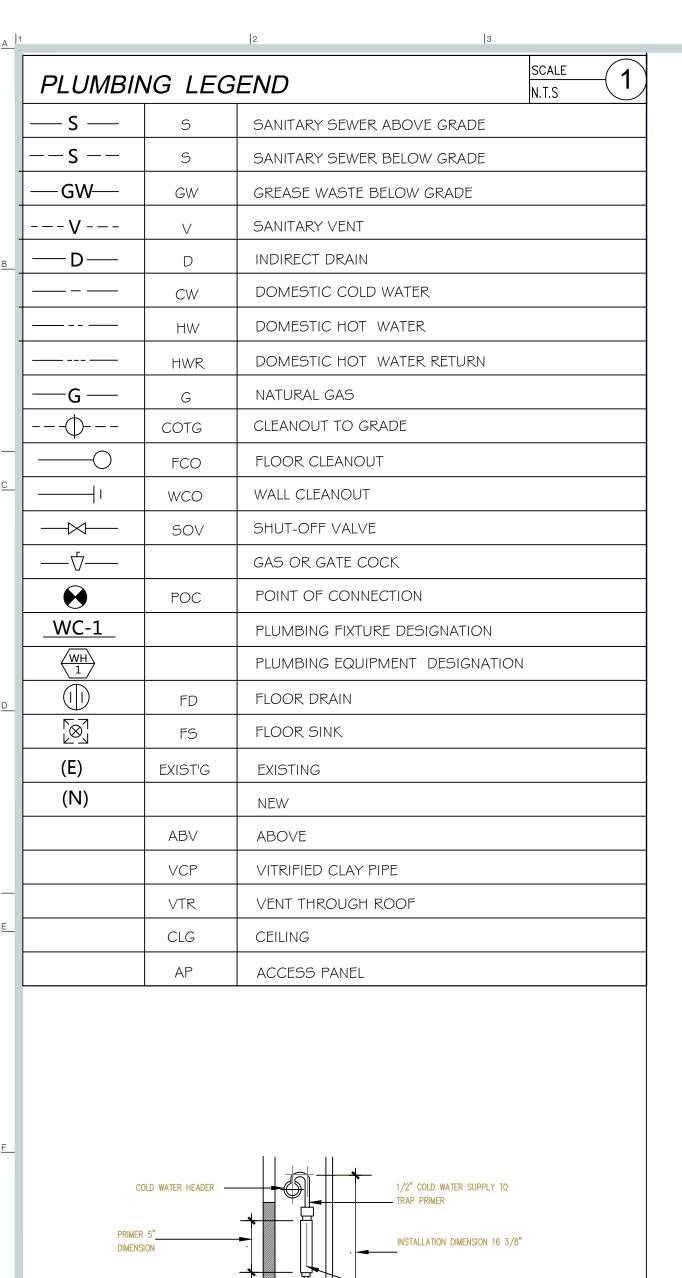
Drawn By: ALEN DENG

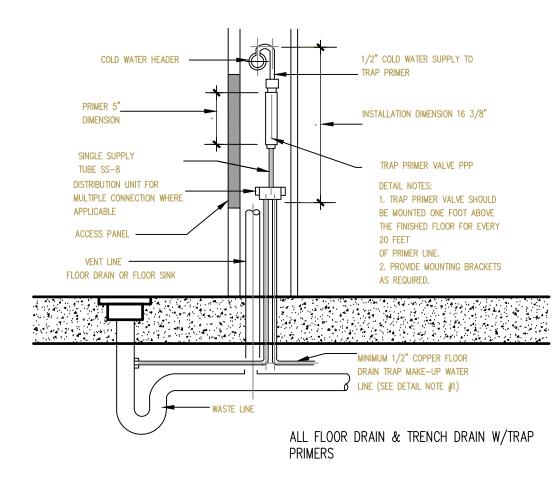
3 BUILDING CORRECTION 9-10

NO.M-34617 EXP.12-31-17

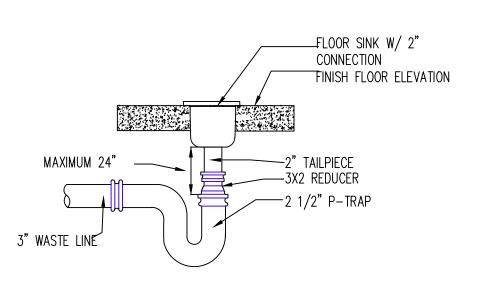
1211 N. Azusa Canyon Rd,#B West Covina, CA 91790

E-mail:admin@dcdesignconsulting.com

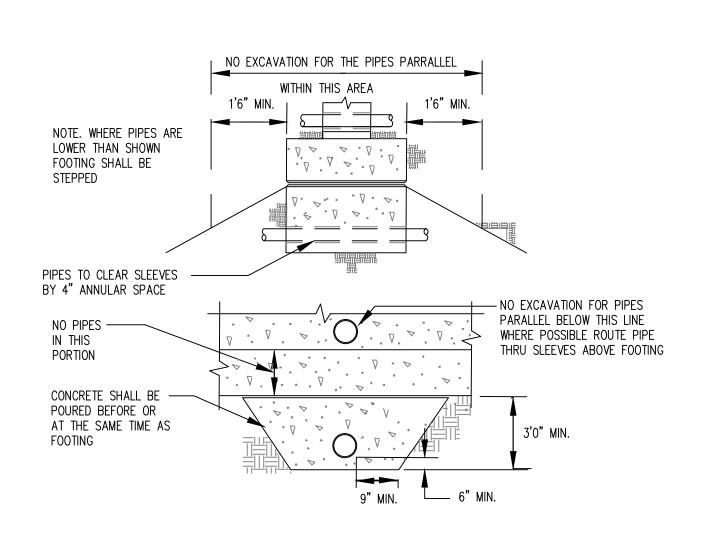




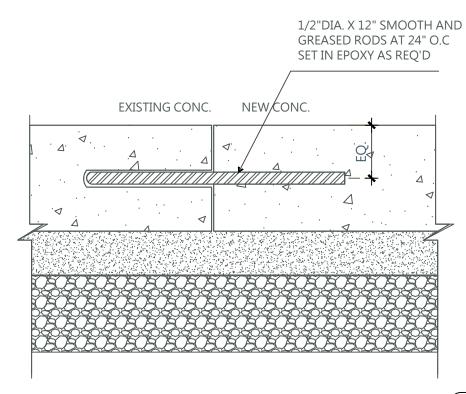




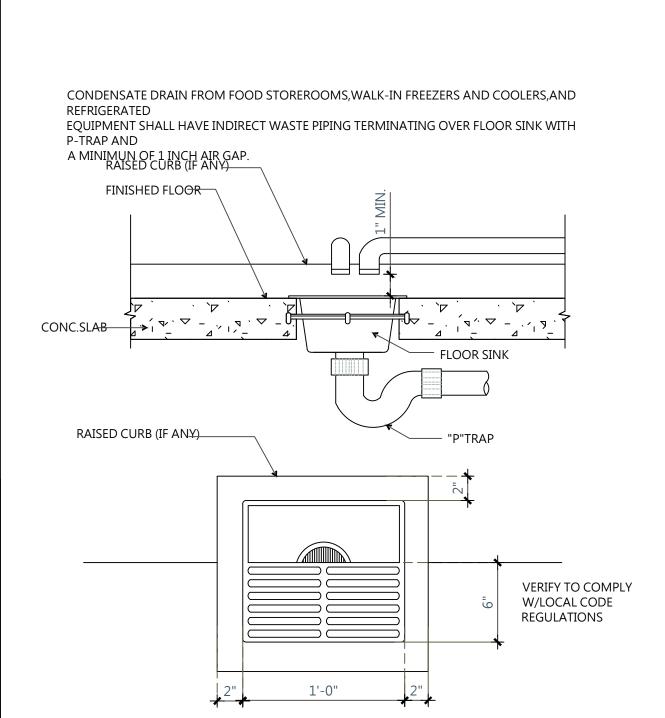
TYPICAL FLOOR SINK
NTS



PIPE/FOOTING LOCATION 4



CONCRETE PATH JOINT DETAIL 5



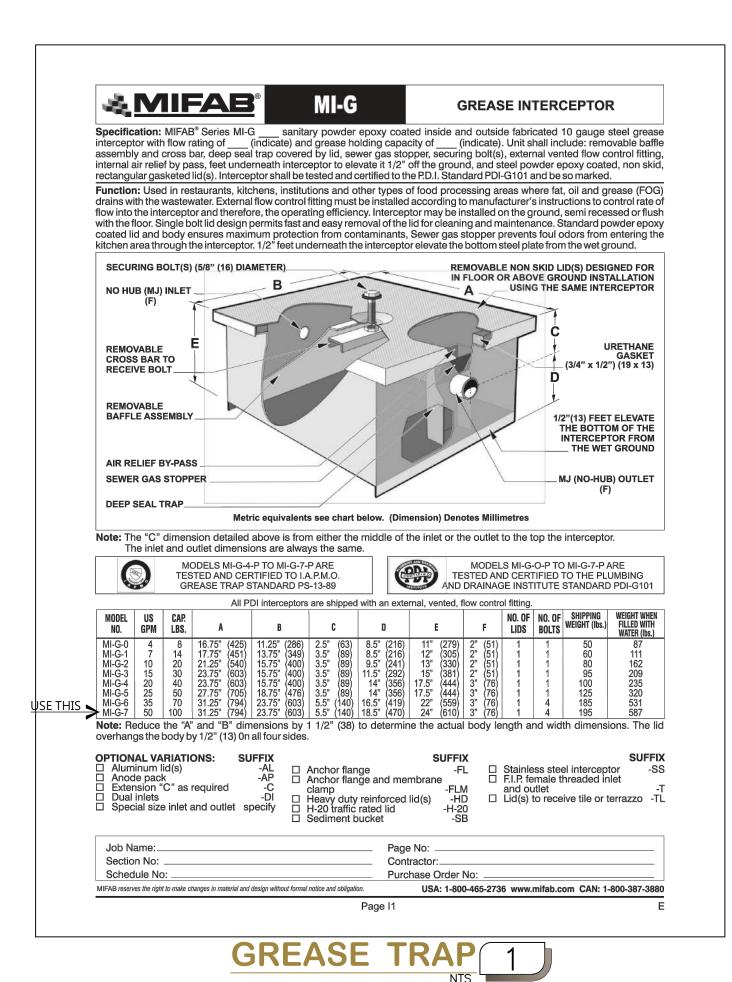
FLOOR SINK INDIRECT VENT DETAIL 6

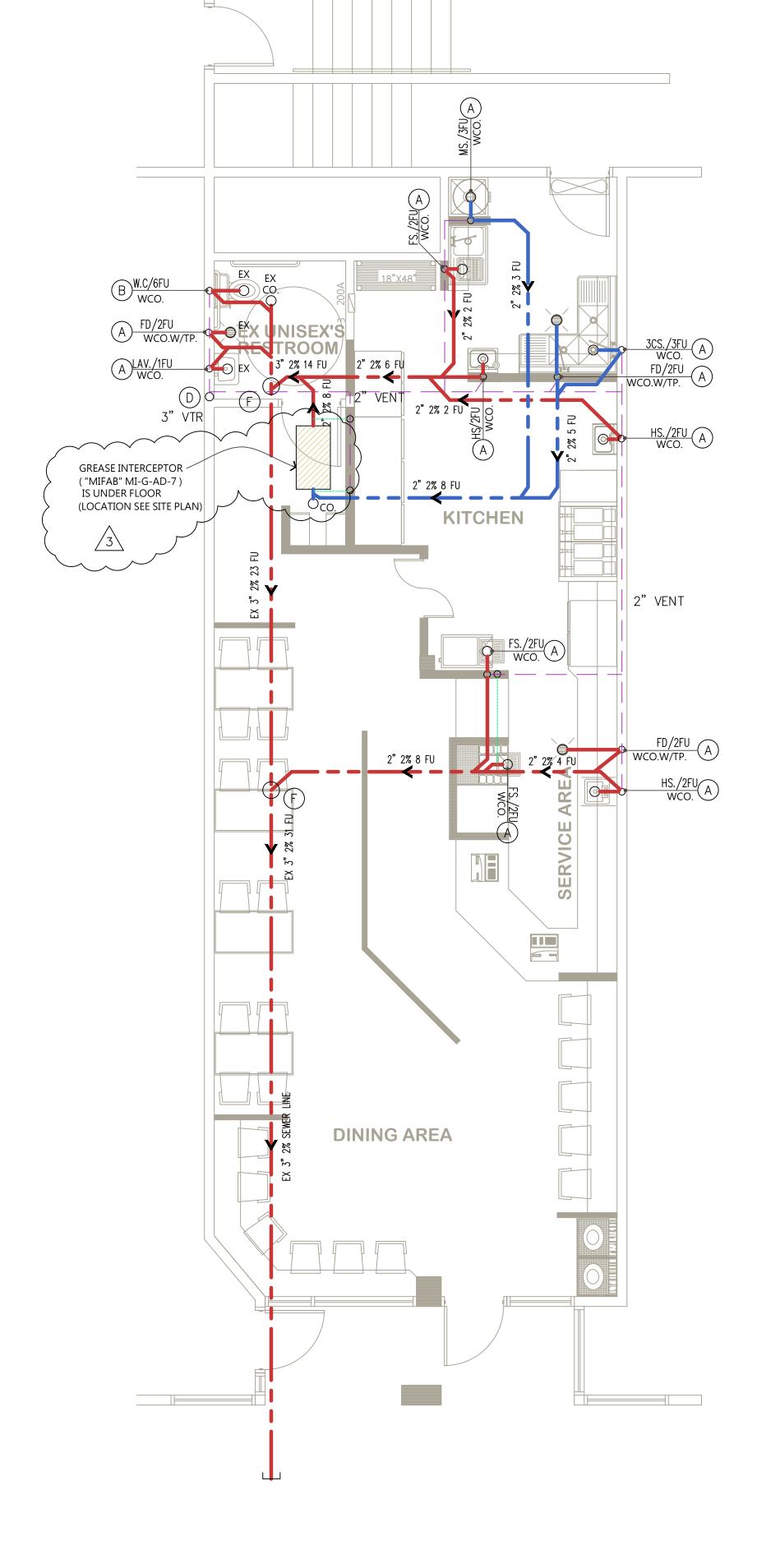
PLUMBING DESIGN NOTES

A) 2" W, 1 1/2" V. (D) 3" VTR B) 3" W 2" V (F) 2" VTR

© 2" V UP & DN B.G. (

F POINT OF CONNECTION.
CONTRACTOR TO VERIFY LOCATION
AND SIZE MAKE NECESSARY
ADJUSTMENT OR REPLACE AS
REQUIRED.





WASTE AND VENT PLAN

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

Design
Some Consulting Jnc.

• COMMERCIAL
• RESIDENTIAL

1211 N. Azusa Canyon Rd,#B West Covina, CA 91790 Tel: 626-962-0997 Fax: 626-962-0229

E-mail:admin@dcdesignconsulting.com

校業徒幾集運發裝修集團 NLIDWAY CONSTRUCTION GROU 111 N.AZUSA CANYON ROAD WEST COVINA CA 91790 TEL: 626.962.1122 FAX.626.962.0229

S

A Project for:

HOT STAR
950 E. COLORADO BLVD.

Revisions:

2 HEALTH CORRECTION 8-23
3 BUILDING CORRECTION 9-10
Stamp

PORFESSIONAL PROFESSIONAL PROFE

PERMIT#

No. Description Date

Project No.:

Drawn By: ALEN DENG

Reviewed By:

Scale:

Date:

Filename:

Sheet Title:

WASTE PLAN

P-2