CONNECTION  1. Joist to sill or girder	3-8d common (2 1	<u></u>	LOCATION toenail
1. Joist to sill of girder	3-3" x 0.131" nails 3-3" 14 gage stapl		toerraii
2. Bridging to joist	2- 8d common (2 2-3" x 0.131" nails	•	toenail each end
3. 1" x 6" Subfloor or less to each joist	2-3" 14 gage stap 2 - 8d common (2		face nail
4. Wider than 1" x 6" Subfloor to each joist 5. 2" SUBFLOOR to joist or girder	3 - 8d common (2 2- I6d common (3	<u> </u>	face nail blind and face nail
6. Sole plate to joist or blocking	16d (3 1/2" <b>x</b> <i>0.135"</i> , 3" <b>x</b> 0.131" nails a	t 8" o.c.	typical face nail
Sole plate to joist or blocking at braced wall	3" 14 gage staples 3"-16d (3 1/2" x 0.		braced wall panels
panel	4 -3" x 0.13 1" nail 4-3" 14 gage stapl	s at 16"	braced wall parters
7. Top plate to stud	2-16d common (3 3-3" x 0.131" nails	,	end nail
Stud to sole plate	3-3" 14 gage stapl 4-8d common (2 1	/2" x 0.131")	toenail
	4-3" x 0.131" nails 3-3" 14 gage stapl		
	2-16d common (3 3-3" x 0.131" nails	·	end nail
9. Double studs	3-3" 14 gage stapl	5") at 24" o.c.	face nail
40	3" x 0.131" nail at 3" 14 gage staple	at 8" o.c.	
10. Double top plates	16d (3 1/2" x 0.13 3" x 0.13 1" nail at 3" 14 gage staple	12" o.c.	typical face nail lap splice
Double top plates	8- I6d common (3	1/2" x 0.162")	
	12-3" x 0.131" nail 12-3" 14 gage star	oles	
11. Blocking between joists or rafters to top plate	3-8d common <i>(2 1,</i> 3-3" x 0.131" nails 3-3" 14 gage stapl	•	toenail
12. Rim joist to top plate	8d (2 1/2" <b>x</b> 0.13 1 3" x 0.131" nail at	") at 6" o.c.	toenail
13. Top plates, laps and intersections	3" 14 gage staple 2-16d common (3	at 6" o.c.	face nail
p p. 2000 and intersections	3 - 3" x 0.13 1" nai 3 -3" 14 gage stap	ls ,	
14. Continuous header, two pieces 15. Ceiling joists to plate	16d common (3 1/2 3 Sd common (2 1		16" o.c. along edge toenail
· · ·	5-3" x 0.131" nails 5 - 3" 14 gage star	oles	
16.Continuous header to stud 17.Ceilingjoists, laps over partitions (see		1/2" x 0.131") 1/2" x 0.162') minimum,	toenail face nail
Section 2308.10.4.1, Table 2308.10.4.1)	Table 2308.10.4.1 4- 3" x 0.131" nails 4- 3" 14 gage stap		
18. Ceiling joists to parallel rafters (see Section 2308.10.4.1, Table 2308.10.4.1)		1/2" x 0.162") minimum,	face nail
,	4- 3" x 0.131" nails 4- 3" 14 gage stap		
19.Rafter to plate (see Section 2308.10.1, Table 2308.10.1)	3- 3" x 0.131" nails		toenail
20. 1" diagonal brace to each stud and plate	3- 3" 14 gage stap 2- 8d common (2		face nail
20. 1 diagonal prace to each stud and prate	2- 3" x 0.131" nails 3 - 3" 14 gage stap	,	lace hall
21. 1" x 8" sheathing to each bearing 22. Wider than 1" x 8" sheathing to each bearing	3-8d common (2 1 3-8d common (2 1	<u> </u>	face nail
23. Built-up comer studs	16d common (3 1/2 3" x 0.131" nails	<u> </u>	24" o.c. 16" o.c.
24. Built-up girder and beams	3" 14 gage staples 20d common (4" x		16" o.c. face nail at top and bottom staggered
	3" x 0.131" nail at 3" 14 gage staple		on opposite sides
	2- 20d common (4 3-3" x 0.131" nails		face nail at ends and at each splice
25. 2" planks	3-3" 14 gage stapl 16d common (3 1/		at each bearing
26. Collar tie to rafter	3- IOd common (3 4-3" x 0.131" nails 4 - 3" 14 gage sta	,	face nail
27. Jack rafter to hip	3- IOd common (3 4-3" x 0.131" nails	" x 0.148")	toenail
	4- 3" 14 gage stap		
	2-16d common (3 3-3" x 0 131" nails 3 3" 14 gage stap	·	face nail
28. Roof rafter to 2-by ridge beam	2 - 16d common (3 3 - 3" x 0.131" nail	3 1/2" x 0.162")	toenail
	3 - 3" 14 gage stap	oles	
	2 - 16d common (3 3 - 3" x 0.131" nail 3 - 3" 14 gage stap	s	face nail
29. Joist to band joist	3 - 16d common (3 4- 3" <b>x</b> 0.131" nails	3 1/2" x 0.162")	face nail
30. Ledger strip	4-3" I4gagestaples	3	face nail
	4- 3" <b>x</b> 0.131" nails 4-3" l4 gage staple	3	
31. Wood structural panels and particleboard subfloor, roof and wall sheathing to framing	½" and less	6d 2¾" x 0.113" nail	
	<sup>1</sup> % <sub>32</sub> " to ¾"	1¾" x 16 gage 8d  or 6d	
		2¾"  x 0.113" nai <b>l</b> 2" 16 gage	
	½" to 1" 1½" to 1¼"	8d 10d or 8d	
Single floor (combination subfloor-underlayment to framing)	¾" and less ⅙" to 1" 1½" to 1¼"	6d 8d 10d or 8d	
32.Panel siding (to framing)	½" or less ½" to 1"	6d 8d	
33.Fiberboard sheathing	%" to 1"  ½"	No. 11 gage roofing nail	
	<sup>25</sup> / <sub>32</sub> "	6d common nail (2" x 0.113") No. 16 gage staple No. 11 gage roofing nail	
24 laterias reservices		8d common nail (2 $\frac{1}{2}$ " x 0.131") No. 16 gage staple	
34.Interior paneling  FASTENERS FOR PRESSURE-PRESERVATIVE	¼" %" FREATED WOOD SE	4d 6d IALL BE OF HOT DIPPED GALVANIZ	ED STEEL STAINLESS STEEL
-ASTENERS FOR PRESSURE-PRESERVATIVE SILICON, BRONZE OR COPPER. EXCEPTION BE For SI: 1 inch = 25.4 nun.			LD STELL, STAINLESS STEEL,
a. Common or box nails are permitted to b. nails spaced at 6 inches on center at edge.			
6 inches at supports where spans are 48 in wood structural panel and particleboard d	ches or more. For	nailing of	
Nails for wall sheathing are permitted to be casing.			
· · · · · · · · · · · · · · · · · · ·		(O.131": IOd -3" x 0.148").	

12 inches on center at intermediate supports for nonstructural applications.

sheathing and 1 3/4-inch length for 25/32-inch sheathing.

m. Staples shall have a minimum crown width of 7/16 inch.

structural panels.

intermediate supports.

axis in the long direction of the panel, unless otherwise noted).

supports, when used as structural sheathing. Spacing shall be 6inches on center on the edges and

i. Corrosion-resistant staples with nominal 7/16-inch crown and I 1/8-inch length for 1/2-inch

h. Corrosion-resistant roofing nails with 7/16-inch-diameter head and 11/2-inch length for 1/2-inch

sheathing and  $1 \sim$  length for 25/32-inch sheathing. Panel supports at 16 inches (20 inches if strength

j.Casing (1 1/2" x 0.080") or finish (1 1/2" x 0.072") nails spaced 6 inches on panel edges, 12 inches at

k. Panel supports at 24 inches. Casing or finish nails spaced 6 inches on panel edges, 12 inches at

1. For roof sheathing applications, 8d nails (2 1/2" x 0.113") are the minimum required for ~mod

n. For roof sheathing applications, fasteners spaced 4 inches on center at edges, S inches at

o. Fasteners spaced 4 inches on center at edges, 8 inches at intermediate supports for subfloor and wall sheathing and 3 inches on center at edges. 6 inches at intermediate supports for

p. Fasteners spaced 4 inches on center at edges, 8 inches at intermediate supports.

### OVERALL FOOTAGES

SUITE-A ——— 1,270	SQ. FT.
(TO BE COMBINED WITH SUITE-B)	
SUITE-B ——— 2,508	SQ. FT.
(EXISTING STANTON OPTICAL STORE)	
NEW OVERALL SUITE 3,778	SQ. FT.
SUITE TO REMAIN STANTON OPTICAL)	

### **DESIGN CRITERIA**

DESIGN CATEGORY -	D <sub>1</sub>
WIND FACTOR -	85 MPH
SNOW LOAD -	N/A
ZONE -	
CAL. GREEN REQUIREMENTS -	MANDATORY
GENERAL USE -	———— COMMERCIAL
CONSTRUCTION TYPE -	TYPE VB
OCCUPANCY GROUP -	M / B
NEW OCCUPANT LOAD -	<del></del> 106
OCCUPANCY CATEGORY -	II
NUMBER OF FLOORS -	<del></del> 1
FOUNDATION TYPE -	SLAB
PLATE HEIGHT –	——————————————————————————————————————
SPRINKLERS REQUIRED -	NO
FIRE RATING -	N/A
STRUCTURAL MATERIAL TYPE –	WOOD
ROOF DL -	<del></del> 15
ROOF LL -	20
FLOOR DL -	<del></del> 15
FLOOR LL -	40

### **GENERAL NOTES**

- THIS PROJECT AND ALL WORK ASSOCIATED WITH PROJECT SHALL CONFORM TO THE 2010 EDITION OF THE CALIFORNIA BUILDING CODE AS ADAPTED AND AMENDED BY THE CITY OF STOCKTON, ALONG WITH THE CCR. HANDICAP REQUIREMENTS, AMERICANS WITH DISABILITIES AND OTHER CODES. IN CASES WHERE REQUIREMENTS CONFLICT, THE MOST RESTRICTIVE REQUIREMENTS SHALL BE USED.
- THE DESIGNER ASSUMES NO RESPONSIBILITY FOR THE COMPLETENESS OF PLANS FOR BID PURPOSES PRIOR TO THE ISSUANCE OF THE BUILDING PERMIT. THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS AND CONDITIONS ON THE JOB SITE PRIOR TO THE BEGINNING OF CONSTRUCTION AND REPORT IMMEDIATELY ANY DISCREPANCIES TO THE DESIGNER.
- CONTRACTOR IS RESPONSIBLE FOR EXAMINING ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, AND CONFIRMING THAT WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH CONSTRUCTION. IF THERE ARE ANY QUESTIONS REGARDING THESE OR OTHER COORDINATION ITEMS, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE DESIGNER BEFORE PROCEEDING WITH WORK IN QUESTION OR RELATED WORK.
- THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE TO COORDINATE WITH ALL SUBCONTRACTORS PER REQUIREMENTS ESTABLISHES BY THE OWNER, TENANT, OR BOTH, WHICH ARE UNDER SEPARATE CONTRACT WITH THE OWNER, OR TENANT, OR BOTH.
- THE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND OTHER DRAWINGS, AND JOB SPECIFICATIONS ARE SUPPLEMENTARY TO DESIGNERURAL CONSTRUCTION DRAWINGS. ANY DISCREPANCY BETWEEN THESE DOCUMENTS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE DESIGNER FOR CLARIFICATION.
- THE INTENT FOR DRAWINGS AND SPECIFICATIONS IS TO INCLUDE ALL LABOR, MATERIALS AND SERVICES NECESSARY FOR THE COMPLETION OF ALL WORK SHOWN, DESCRIBED, OR REASONABLY IMPLIED, BUT NOT LIMITED TO THAT EXPLICITLY INDICATED IN THE CONTRACT DOCUMENTS. ALL FINISH MATERIALS AND COLORS ARE TO BE APPROVED BY OWNER OR TENANT WHERE NOT SPECIFIED IN THIS SET OF PLANS.
- PRIOR TO THE ISSUANCE OF A BUILDING PERMIT, THE APPLICANT SHALL HAVE EVIDENCE OF CURRENT WORKMAN'S COMPENSATION INSURANCE COVERAGE ON FILE WITH THE AGENCY HAVING JURISDICTION, IN COMPLIANCE WITH SECTION 3800 OF THE CALIFORNIA LABOR CODE.
- THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY OF ANY SPECIFIED MATERIALS OR EQUIPMENT WHICH ARE EITHER UNAVAILABLE OR THAT WILL CAUSE A DELAY IN THE CONSTRUCTION COMPLETION SCHEDULE, AND THE DESIGNER WHERE SUCH CHANGES REQUIRE A REVISION TO ANY DOCUMENTS SUBMITTED TO ANY AGENCY HAVING JURISDICTION IN ORDER TO OBTAIN FINAL INSPECTION AND APPROVAL OF THE PROJECT AS SPECIFIED ON THIS SET OF PLANS. THE CONTRACTOR SHALL SUBMIT CONFIRMATIONS OF DELIVERY DATES FOR ORDERS OF MATERIALS AND EQUIP.
- ANY WORK INSTALLED IN CONFLICT WITH CONSTRUCTION DRAWINGS, WITHOUT THE PRIOR APPROVAL, OF THE OWNER AND THE DESIGNER SHALL BE CORRECTED A THE CONTRACTORS EXPENSE.
- INSTALL ALL PRE MANUFACTURED ITEMS, MATERIALS, AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURES SPECIFICATIONS.
- PRIOR TO THE ISSUANCE OF FINAL CERTIFICATE OF OCCUPANCY FOR THIS PROJECT, THE GENERAL CONTRACTOR SHALL SUBMIT A SIGNED CERTIFICATE TO THE DEPARTMENT OF BUILDING SAFETY STATING THAT ALL WORK HAS BEEN PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS.
- PERFORMED AND MATERIALS INSTALLED ACCORDING TO THE PLANS AND SPECIFICATIONS AFFECTING NON—RESIDENTIAL CONSTRUCTION.

  NO CONTINUOUS CONSTRUCTION OBSERVATION BY THE DESIGNER IS TO BE PROVIDED UNDER THE TERMS OF THIS CONTRACT INCLUDING COMPLIANCE

NO CONTINUOUS CONSTRUCTION OBSERVATION BY THE DESIGNER IS TO BE PROVIDED UNDER THE TERMS OF THIS CONTRACT INCLUDING COMPLIANCE WITH THE CALIFORNIA GREEN BUILDING STANDARDS AS ADOPTED BY THE AGENCY HAVING JURISDICTION OVER THIS PROJECT. IN ADDITION, NO "AS BUILD" DRAWINGS OR PLAN AMENDMENTS FOR ANY REASON ARE INCLUDED UNDER THE TERMS OF THIS CONTRACT.

### THIS SET OF PLANS IS PREPARED FOR:

# STANTON OPTICAL

3530 S. MOONEY BLVD. VISALIA, CA 93277

PHONE: (559) 400-8329

### OCCUPANT LOAD

106 OCCUPANTS SEE SHEET-A4 FOR OCCUPANT LOAD BREAK DOWN BY AREA AND EGRESS PLAN

### **EXITING**

MAIN ENTRANCE -	- 53 x .2 = 10.6 IN.
	36" PROVIDED - O.K.
OTHER ENTRANCES —	- 35 x .2 = 7.0 IN.
	36" PROVIDED - O.K.

### SCOPE OF WORK

- 1. COMBING EXISTING SUITE-A AND SUIT-B INTO ONE SUITE TO INCREASE EXISTING STANTON OPTICAL STORE. (UTILIZE AXISTING ADDRESS)
- TENANT IMPROVEMENT AND REMODEL PER PLAN.
   NEW DUCT WORK PER PLAN (UNITS ARE EXISTING)
- 4. NEW LIGHTING AND ELECTRICAL PER PLAN
- 5. NEW PLUMBING TO EXAM ROOM SINKS PER PLAN

## BUILDING CODE COMPLIANCE

2013 CALIFORNIA BUILDING CODE 2013 CALIFORNIA ELECTRIC CODE
2013 CALIFORNIA ELECTRIC CODE 2013 CALIFORNIA MECHANICAL CODE
2013 CALIFORNIA PLUMBING CODE
2013 CALIFORNIA FIRE CODE
2013 CALIFORNIA GREEN CODE
2013 CALIFORNIA ENERGY CODE
2013 CALIFORNIA HISTORICAL CODE
2013 CALIFORNIA EXISTING BUILDING CODE
2013 CALIFORNIA REFERENCED STANDARD CODE

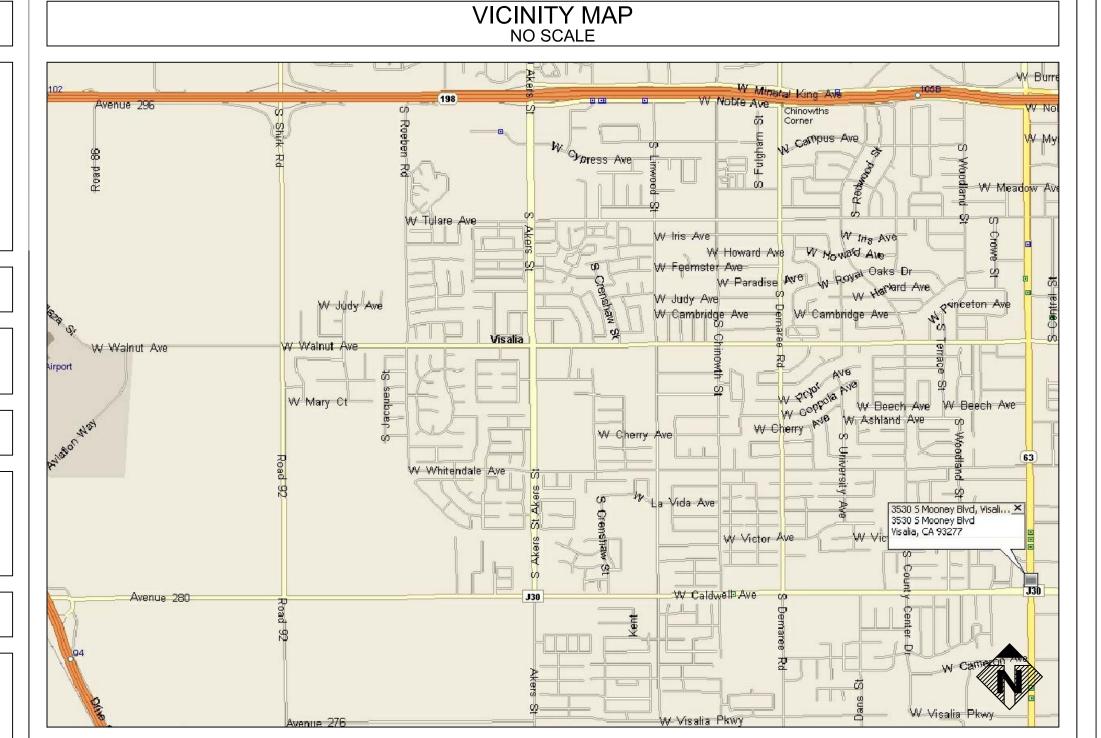
### **INDEX**

111027
SHEET-T1 —— TITLE SHEET
SHEET-A1 —— SITE PLAN
SHEET-A2 —— EXISTING FLOOR PLAN
SHEET-A3 —— PROPOSED FLOOR PLAN
SHEET-A4 — FIRE, LIFE, SAFETY
SHEET-A5 — FINISH SCHEDULE
SHEET-A6 —— FURNISHING PLAN
SHEET-A7 —— DOOR SCHEDULE
SHEET-A8 —— PARTITION DETAILS
SHEET-A9 —— CABINET AND FURNITURE DETAILS
SHEET-A10 —— CABINET AND FURNITURE DETAILS
SHEET-A11 —— GENERAL DETAILS
SHEET-A12 —— REFLECTED CEILING PLAN
SHEET-A13 —— ACOUSTIC CEILING DETAILS
SHEET-E1 —— ELECTRICAL INDEX
SHEET-E2 —— LIGHTING PLAN
SHEET-E3 —— ELECTRIC PLAN
SHEET-E4 —— ROOFTOP ELECTRICAL
SHEET-E5 — ONE LINE/PANEL SCHEDULE/ROOFTOP ELECTRICAL
SHEET-LTG1 — LIGHTING REPORT
SHEET-LTG2 LIGHTING REPORT
SHEET-M1 —— MECHANICAL PLAN
SHEET-M2 —— MECHANICAL DETAILS
SHEET-M3 —— TITLE-24
SHEET-M4 —— TITLE-24
SHEET-P1 —— PLUMBING LAYOUT
SHEET-P2 —— PIPE SCHEDULES

SHEET-28 —— CALIFORNIA GREEN REQUIREMENTS

SHEET-29 —— CALIFORNIA GREEN REQUIREMENTS

SHEET-30 —— GENERAL NOTES



### **ABBREVIATIONS**

A D	ANCHOR POLT	EDN	FOLINDATION	ODNO	ODENING
A.B	ANCHOR BOLT	FDN.	FOUNDATION	OPNG.	OPENING
A/C	AIR CONDITIONING	F.E.	FIRE EXTINGUISHER	OPP	OPPOSITE
ACOUST	ACOUSTICAL	FEC.	FIRE EXTINGUISHER CABINET	(P)	PROPOSED
A.F.F.	ABOVE FINISH FLOOR	FIN.	FINISH	Ρ̀ŃΤ	PANT
AHJ	AUTHORITIES HAVING JURISDICTION	FIXT.	FIXTURE	PARTN	PARTITION
A.H.U.	AIR HANDLING UNIT	FL.	FLOOR	PC. L	PIECE/PRECAST
ALT.	ALTERNATE	FLUOR.	FLUORESCENT	PL., P	PLATE
ALUM.	ALUMINUM	F/0	FACE OF	PLAS.	PLASTER, PLASTIC
ANOD.	ANODIZED	F.S.	FLOOR SINK	PLYWD.	PLYWOOD
ANOD.	APPLIQUE	F.S. FT	FOOT, FEET		
APPL.	APPROXIMATELY	FT 0	FOOTING	PNL	PANEL PAINTED
APPROX.		FTG.	GAUGE; GYPSUM ASSOC.	PTD.	
ARCH.	ARCHITECTURAL	GA.		PSF.	POUNDS PER SQUARE FOOT
<b>©</b>	AT	GALV.	GALVANIZED	PSI	POUNDS PER SQUARE INCH
A.S.L.	ABOVE SEA LEVEL	G.B.	GRAB BAR	PT	PRESSURE TREATED
BD.	BOARD	G.C.	GENERAL CONTRACTOR	PR	PAIR
BLDG.	BUILDING	GEN.	GENERAL	QUAN.	QUANTITY
BLK.	BLOCK	GL.	GLASS/GLAZING: GLUE	R	RISER
BLKG.	BLOCKING	GTP. BD.	GYPSUM BOARD	RA	RETURN AIR
BM.	BEAM	GWB.	GYPSUM WALL BOARD	RAG	RETURN AIR GRILL
B.O.S.	BOTTOM OF STEEL	H.	HIGH	RAD	RADIUS
BRG.	BEARING	H.B.	HOSE BIB	R.D.	ROOF DRAIN
BS.	BOTH SIDES	HC	HANDICAPPED	REC	RECESSED
BOT.	BOTTOM	HDW.	HARDWARE	REF	REFERENCED
B.U.R.	BUILT UP ROOF	H.M.	HOLLOW METAL	REFR	REFRIGERATOR
C.I.	CAST IRON	HORIZ.	HORIZONTAL	REINF.	REINFORCING
C.J.	CONTROL JOINT	H.P.	HIGH POINT	REINF. REQD.	REQUIRED
C.J. C.T.	CERAMIC TILE	н.Р. HT.	HEIGHT	REQU. RESIL.	RESILIENT
	CABINET				
CAB.		H.V.A.C.	HEATING VENTILATING &	REV	REVISION, REVERSE
CD	CEILING DIFFUSER	1 ****	AIR CONDITIONING	RH	RIGHT HAND
CEM.	CEMENT(ITIOUS)	HW	HOT WATER	RM.	ROOM
CER.	CERAMIC	ID	INSIDE DIAMETER	ROW	RIGHT OF WAY
CFM	CUBIC FEET PER MINUTE	IN	INCH	R.O.	ROUGH OPENING
CG	CORNER GUARD	INCAND.	INCANDESCENT	RQMTS.	REQUIREMENTS
CJ	CONTROL JOINT	INCL	INCLUDE(ING)	RTU	ROOF TOP UNIT
CK	CAULK	INSUL.	INSULATION	R.W.L.	RAIN WATER LEADER
Q.	CENTER LINE	INT.	INTERIOR, INTERMEDIATE	SC	SOLID CORE
ČĹ.	CLEAR	JB	JUNCTION BOX	SCHD	SCHEDULE
CLG.	CEILING	JT.	JOINT	SEAL	SEALANT
CMU.	CONCRETE MASONRY UNIT	LAB		SEC	SECTION
CMO.	CLEAN OUT	LAB LAM.	LABORATORY	SF	SQUARE FEET, STOREFRONT
COL.		LAM. LAV	LAMINATED	Sr SHT.	SHEET
	COLUMN		LAVATORY		
CONC.	CONCRETE	LBS	POUNDS	SHTG	SHEATHING
CONST.	CONSTRUCTION	LF	LINEAR FEET	SIM.	SIMILAR
CONT.	CONTINUOUS	LG.	LONG, LARGE	SL	SLIDING
CONTR.	CONTRACTOR	LH.	LEFT HAND	S.M.S.	SHEET METAL SCREWS
CPT.	CARPET	LLH	LONG LEG HORIZONTAL	SPECS	SPECIFICATIONS
CR	CHAIRRAIL	LLV	LONG LEG VERTICAL	SQ	SQUARE
CSK	COUNTERSUNK	L.P.	LOW POINT	S.S.	SERVICE SINK, STAINLESS STEEL
CU	CONDENSING UNIT	LT	LIGHT	STD.	STANDARD
CW	COLD WATER	LGT.	LIGHTING	STL	STEEL
D	DEPTH; DEEP	LW	LIGHT WEIGHT	STOR	STORAGE
DBL	DOUBLE	MAS.	MASONRY	STRUCT.	STRUCTURAL
DEMO	DEMOLITION	MATL.	MATERIAL	SUSP.	SUSPENDED
DET.	DETAIL	MAX.		T	TREAD
			MAXIMUM	•	
DF DIA &	DRINKING FOUNTAIN	MECH.	MECHANICAL	T&B	TOP & BOTTOM
DIA., Ø	DIAMETER	MED.	MEDIUM	TEL	TELEPHONE TOP, OF
DIAG.	DIAGONAL	MEMB	MEMBRANE	T/O	TOP OF
DIFF.	DIFFUSER	MEZZ	MEZZANINE	T.O.M.	TOP OF MASONRY
DIM.	DIMENSION	MFR.	MANUFACTURER	<u>T</u> .0.S.	TOP OF STEEL
DN.	DOWN	MIN.	MINIMUM	TH	THICK(NESS)
D.O.	DOOR OPENING	MISC.	MISCELLANEOUS	TYP.	TYPICAL
D.S.	DOWNSPOUT	MLDG	MOULDING	UC	UNDERCUT
DTL.	DETAIL	M.O.	MASONRY OPENING	UL	UNDERWRITERS LABORATORY
DR.	DOOR	MOD	MODIFIED	U.N.O.	UNLESS NOTED OTHERWISE
DWG.	DRAWING	M.R.G.B.	MOISTURE RESISTANT	UON	UNLESS OTHERWISE NOTED
(E)	EXISTING		GYPSUM BOARD	UR	URINAL
(E) E	EAST	MTD	MOUNTED	V V	VOLT
ĒA.	EACH	MTL.	METAL	VCT.	VINYL COMPOSITION TILE
Ē.B.	EXPANSION BOLT	MULL	MULLION	VB.	VAPOR BARRIER
EIFS	EXTERIOR INSULATION	MLWK	MILLWORK	VENT	VENTILATION
<u> </u>	FINISH SYSTEM	(P)	NEW	VERT	VERTICAL
E.J.	EXPANSION JOINT	N	NORTH	VIF	VERIFY IN FIELD
EL.	ELEVATION (FLOOR)	NAT	NATURAL	W	WIDTH; WASTE; WEST; WIRE
EL. ELEV.	ELEVATION (FLOOR)	N.I.C.	NOT IN CONTRACT		WITH
ELEV.				W/	
ELEC.	ELECTRICAL	NO., #	NUMBER	WB	WOOD BASE
EMER.	EMERGENCY	NOM	NOMINAL	W.C.	WATER CLOSET
ENG.	ENGINEER	NTS	NOT TO SCALE	WD.	WOOD
EQ.	EQUAL	O/A	OVERALL	WT	WEIGHT
EQUIP.	EQUIPMENT	OFCI	OWNER FURNISHED	W/H	WATER HEATER
E/W	EACH WAY	** = *	CONTRACTOR TO INSTALL	WTR	WATER
EWC	ELECTRIC WATER HEATER	O.F.D.	OVERFLOW DRAIN	W/I	WITHIN
EXH.	EXHAUST	0.1 .D. 0/H	OVERHEAD		WITHOUT
EXIST.	EXISTING		OUT TO OUT	W/O	WELDED WIRE MESH
	EXPOSED (CONSTRUCTION), EXPANSION	0/0	ON CENTER	WWM	WELDED WIRE FABRIC
FXP	EN OUED TOOMSHINGOHOMA EVEWINGION	OC		WWF.	
EXP. FXT			OUTSIDE DIAMETER		
EXT. F.D.	EXTERIOR FLOOR DRAIN	OD	OUTSIDE DIAMETER		



BUILDING DEPARTMENT

NAME:
CITY OF VISALIA

ADDRESS:
315 E. ACEQUIA AVE.
VISALIA, CA 93291

PHONE:
559-713-4444

BUILDING OWNER

NAME:
NEIL ANGELILLO
TRUE NORTH PROPERTIES

ADDRESS:
1155 W. SHAW #104
FRESNO, CA 93711

PHONE:
559-222-5768

TENANT

NAME:
STANTON OPTICAL

ADDRESS:
3801 CONGRESS AVE.
PALM SPRINGS, FL 33461

PHONE:
561-275-2020

CONTRACTOR

COMPANY:

T.B.D.

NAME:

LIC #:

ADDRESS:

PHONE:

CONSTRUCTION SITE

SITE ADDRESS:

3530 S. MOONEY BLVD.

VISALIA, CA 93277

SITE APN:
122-290-026-000

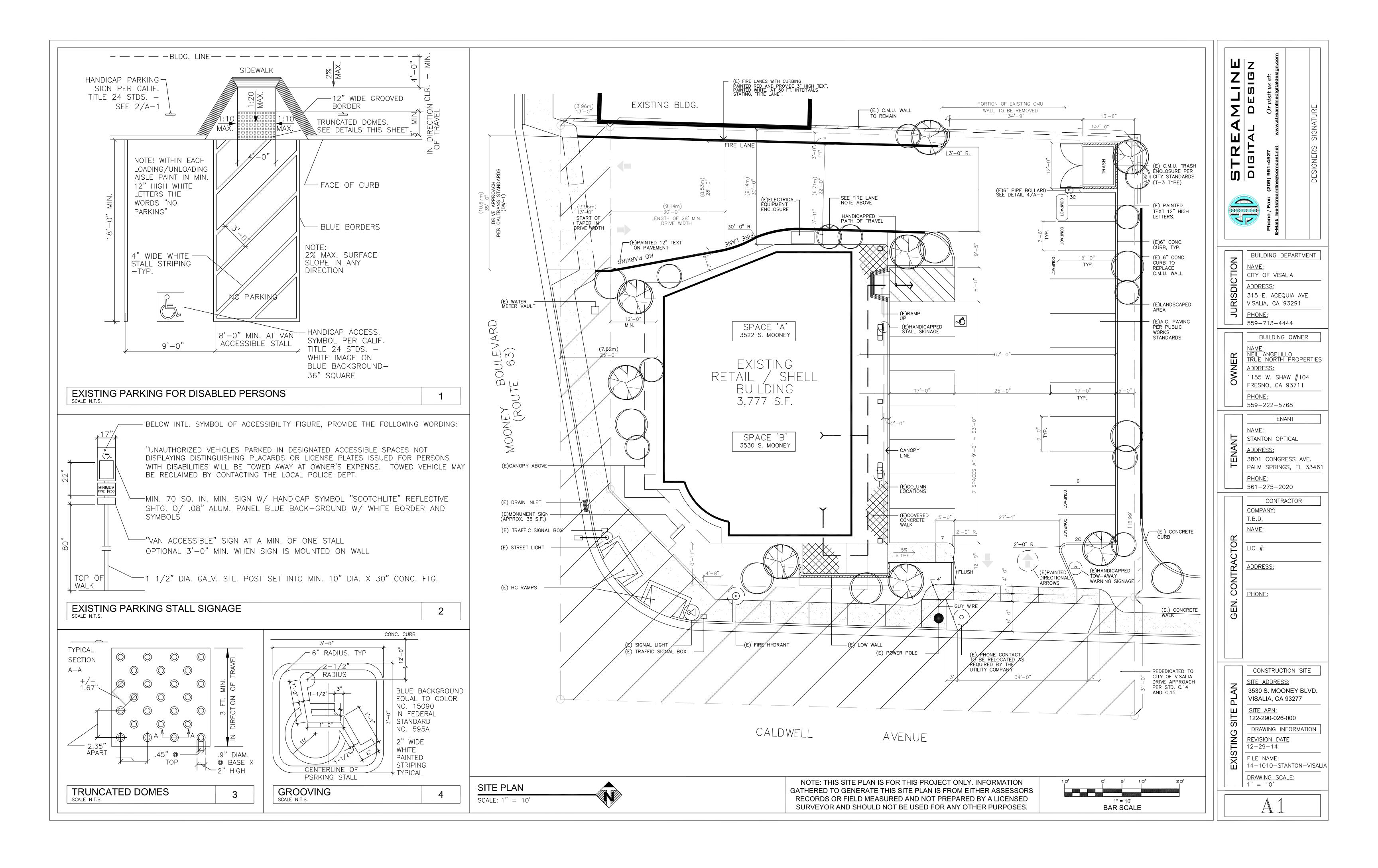
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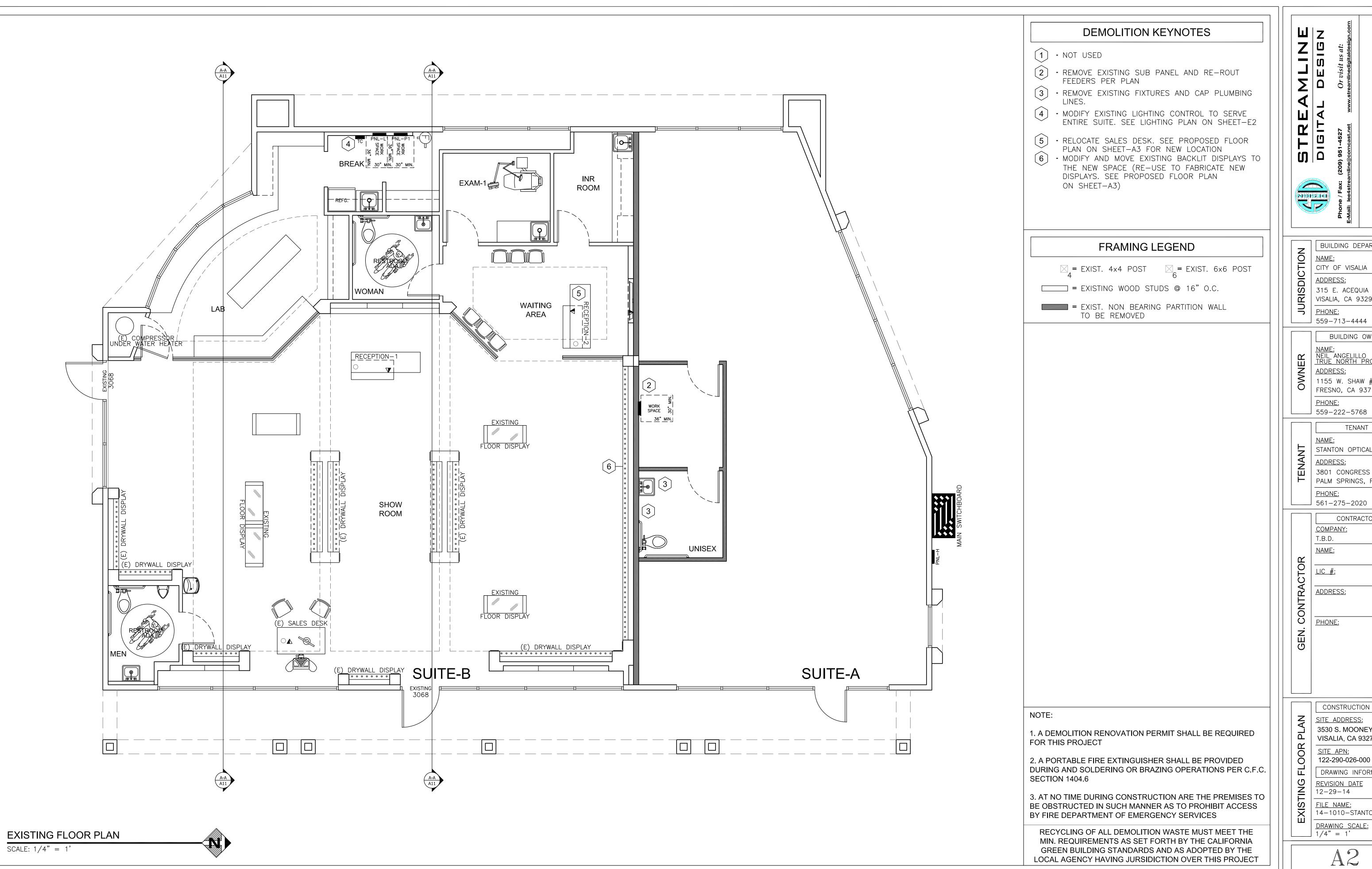
REVISION DATE
12-29-14

FILE NAME:
14-1010-STANTON-VISALIA

DRAWING SCALE:
N/A

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BUILDING DEPARTMENT NAME:
CITY OF VISALIA ADDRESS: 315 E. ACEQUIA AVE. VISALIA, CA 93291

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES 1155 W. SHAW #104 FRESNO, CA 93711

TENANT STANTON OPTICAL 3801 CONGRESS AVE. F | PALM SPRINGS, FL 33461

PHONE: **□** 561-275-2020

CONTRACTOR

<u>COMPANY:</u> T.B.D.

ADDRESS:

PHONE:

CONSTRUCTION SITE SITE ADDRESS:

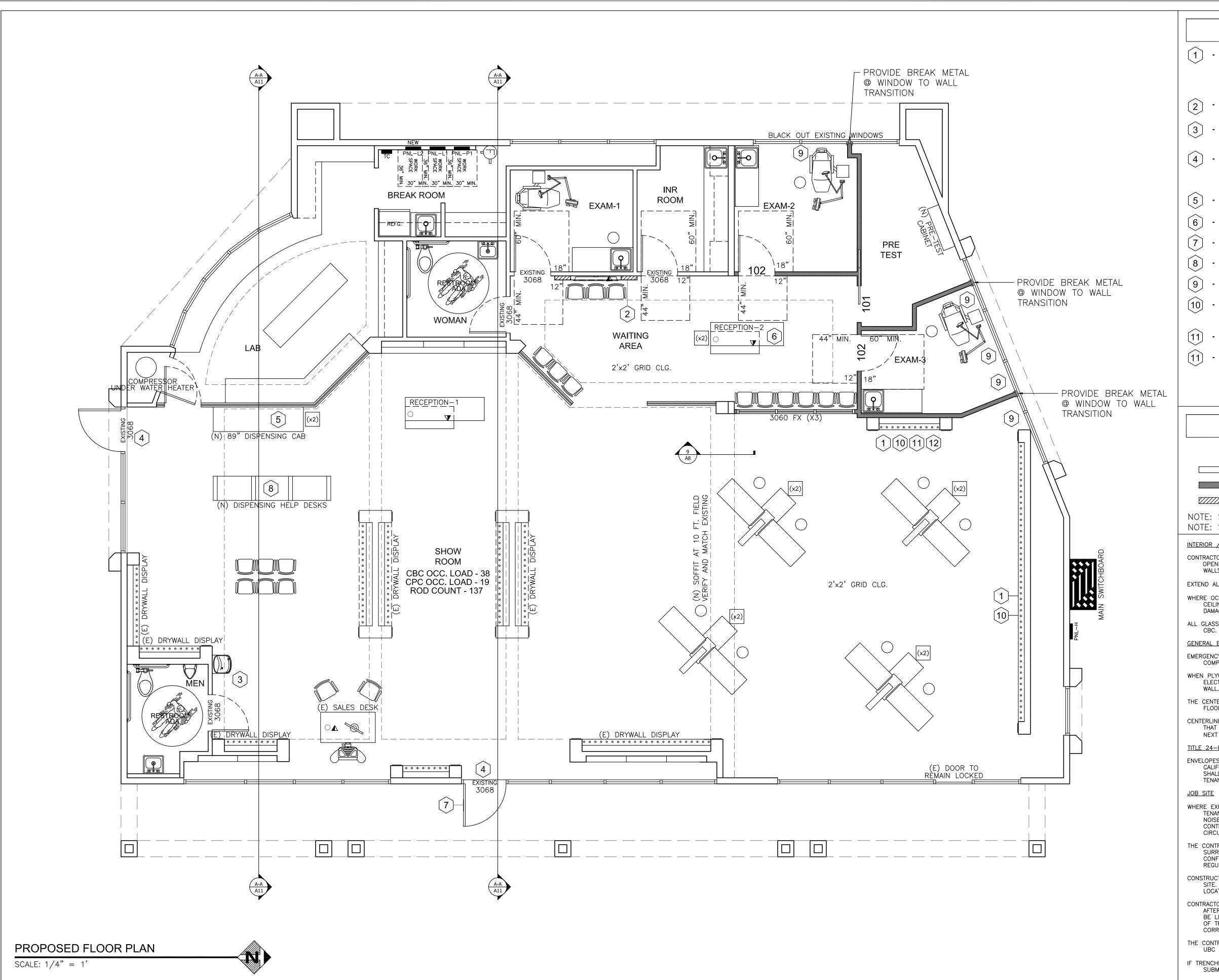
3530 S. MOONEY BLVD. VISALIA, CA 93277

SITE APN: 122-290-026-000

DRAWING INFORMATION REVISION DATE 12-29-14

FILE NAME: 14-1010-STANTON-VISALIA

 $\frac{\text{DRAWING SCALE:}}{1/4" = 1'}$ 



### **CONSTRUCTION KEYNOTES**

- NEW BUILT IN DRYWALL DISPLAYS. SEE SHEET-A8, A9, FOR FURTHER DETAILS OTHERWISE REFER TO SHOP DRAWINGS FOR DETAILS AND BACKING LOCATIONS. ALL DRYWALL DISPLAYS NOT LABELED ARE EXISTING.
- (2) FURRED WALL WITH TV AREA. SEE SHEET-A7 & A9 FOR FURTHER DETAILS
- (3) CONTRACTOR SHALL VERIFY EXISTING SINGLE DRINKING FOUNTAIN COMPLIES WITH DETAIL-5 ON SHEET-A8
- CONTRACTOR SHALL VERIFY STOREFRONT AND EGRESS DOORS MAX. EFFORT TO OPERATE DO NOT EXCEED 5 LBS. ADJUST CLOSER ACCORDINGLY
- (5) 19" DEEP DISPENSING CAB
- [6] RELOCATED SALES DESK
- 7 PRIMARY ENTRANCE H.C. SIGN
- (8) DISPENSING HELP DESKS PROVIDED BY OWNER
- (9) BLACK OUT EXISTING WINDOWS
- RELOCATED BACKLIT DISPLAYS. MODIFY AS NEEDED RE-USE THE PLENI, DURTRAN AND LIGHTING FROM THE EXISTING DISPLAYS BEING REMOVED.
- CONTRACTOR TO PROVIDE NEW CLEAR AND WHITE
- (11) OWNER WILL PROVIDE LIGHTS / DURTRAM / LUCIK POLES & GROMMITS

### FRAMING LEGEND

 $\boxtimes_{\mathcal{A}}$  = EXIST. 4x4 POST

= EXISTING STUDS @ 16" O.C.

= PROP 2x4 WOOD STUDS

= PROP FURRED WALL

NOTE: SEE SHEET A7 FOR DOOR SCHEDULE NOTE: SEE SHEET A8 FOR PARTITION DETAILS

### INTERIOR / EXTERIOR:

- CONTRACTOR SHALL CHECK AND VERIFY SIZE AND LOCATION OF DUCT OPENINGS AND PLUMBING RUNS WITH MECHANICAL CONTRACTOR BEFORE FRAMING WALLS, FLOORS, ECT.
- EXTEND ALL STUDS AND WALL MATERIALS 6" MIN. ABOVE T-BAR.
- WHERE OCCURS, CONTRACTOR SHALL PATCH ANY EXISTING WALLS AND/OR CEILINGS AS NEEDED TO REFURBISH THE LEASE SPACE AND REPAIR ALL DAMAGES CAUSED BY CONTRACTOR.
- ALL GLASS SHALL COMPLY WITH THE REQUIREMENTS OF CHAPTER 24 OF THE

### **GENERAL ELECTRICAL:**

- EMERGENCY LIGHTING SHALL BE 2 SEPARATE SOURCES OF POWER AND SHALL COMPLY WITH THE 2013 CBC & CEC.
- WHEN PLYWOOD BACKBOARDS ARE REQUIRED IN TELEPHONE AND ELECTRICAL EQUIPMENT ROOMS, THEY SHALL BE PAINTED TO MATCH ADJACENT
- THE CENTER OF SWITCHES SHALL BE NO MORE THAN 48 INCHES ABOVE THE FLOOR, VERIFY AND MATCH EXISTING.
- CENTERLINE OF 15, 20, AND 30 AMP RECEPTACLES SHALL NOT BE LESS THAT 18 INCHES CENTERED ABOVE FLOOR. FLOOR OUTLETS ARE ACCEPTABLE NEXT TO SLIDING PANELS / WALLS AND OTHER SPECIAL CONVENIENT LOCATIONS.
- TITLE 24-ENERGY COMPLIANCE:
- ENVELOPES COMPLIANCE AND STATEMENT OF DESIGN COMPLIANCE: THE CALIFORNIA ENERGY CONSERVATION STANDARDS FOR NONRESIDENTIAL BUILDING SHALL BE REVIEWED AND COMPLIED WITH DURING THE CONSTRUCTION AND TENANT IMPROVEMENT WORK SCOPE OF THIS PROJECT.
- WHERE EXISTING TENANTS / BUSINESSES ARE ADJACENT TO THE JOB SITE / TENANT. THE CONTRACTOR SHALL MINIMIZE CONSTRUCTION NOISE— EXTREME NOISE CONSTRUCTION SHALL OCCUR AT NON-TYPICAL BUSINESS HOURS. CONTRACTOR SHOULD NOTIFY BUILDING REPRESENTATIVES OF SPECIAL CIRCUMSTANCES IN ADVANCE PRIOR TO WORK.
- THE CONTRACTOR AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AND SURROUNDING AREA FREE FROM DUST AND DEBRIS. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR AND WATER POLLUTION CONTROL STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH.
- CONSTRUCTION DEBRIS AND WASTES SHALL BE DEPOSITED AT AN APPROPRIATE SITE. THE CONTRACTOR SHALL INFORM THE BUILDING REPRESENTATIVE OF THE LOCATION OF DISPOSAL SITES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE GENERAL CLEANING OF THE JOB AFTER ITS COMPLETION. WHERE APPLICABLE, CLEANING SHALL INCLUDE, BUT NOT BE LIMITED TO, THE EXTERIOR AND THE INTERIOR OF THE BUILDING, THE PATH OF TRAVEL TO THE JOB SITE, PARKING LOTS, ELEVATORS, LOBBIES, AND CORRIDOR CARPETS.
- THE CONTRACTOR SHALL PROVIDE PEDESTRIAN PROTECTION IN ACCORDANCE WITH UBC CHAPTER 33, WHERE REQUIRED.
- IF TRENCHES OR EXCAVATIONS 5' OR MORE IN SAFETY TRENCH PLAN IS TO BE SUBMITTED.

NESTE BUILDING DEPARTMENT

CITY OF VISALIA **ADDRESS:** 315 E. ACEQUIA AVE. VISALIA, CA 93291 \_\_\_\_ 559-713-4444

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES 1155 W. SHAW #104 FRESNO, CA 93711

> PHONE: 559-222-5768

> > TENANT

STANTON OPTICAL 3801 CONGRESS AVE.

> PALM SPRINGS, FL 33461 PHONE: 」 561−275−2020

CONTRACTOR <u>COMPANY:</u> T.B.D.

NAME:

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PHONE:

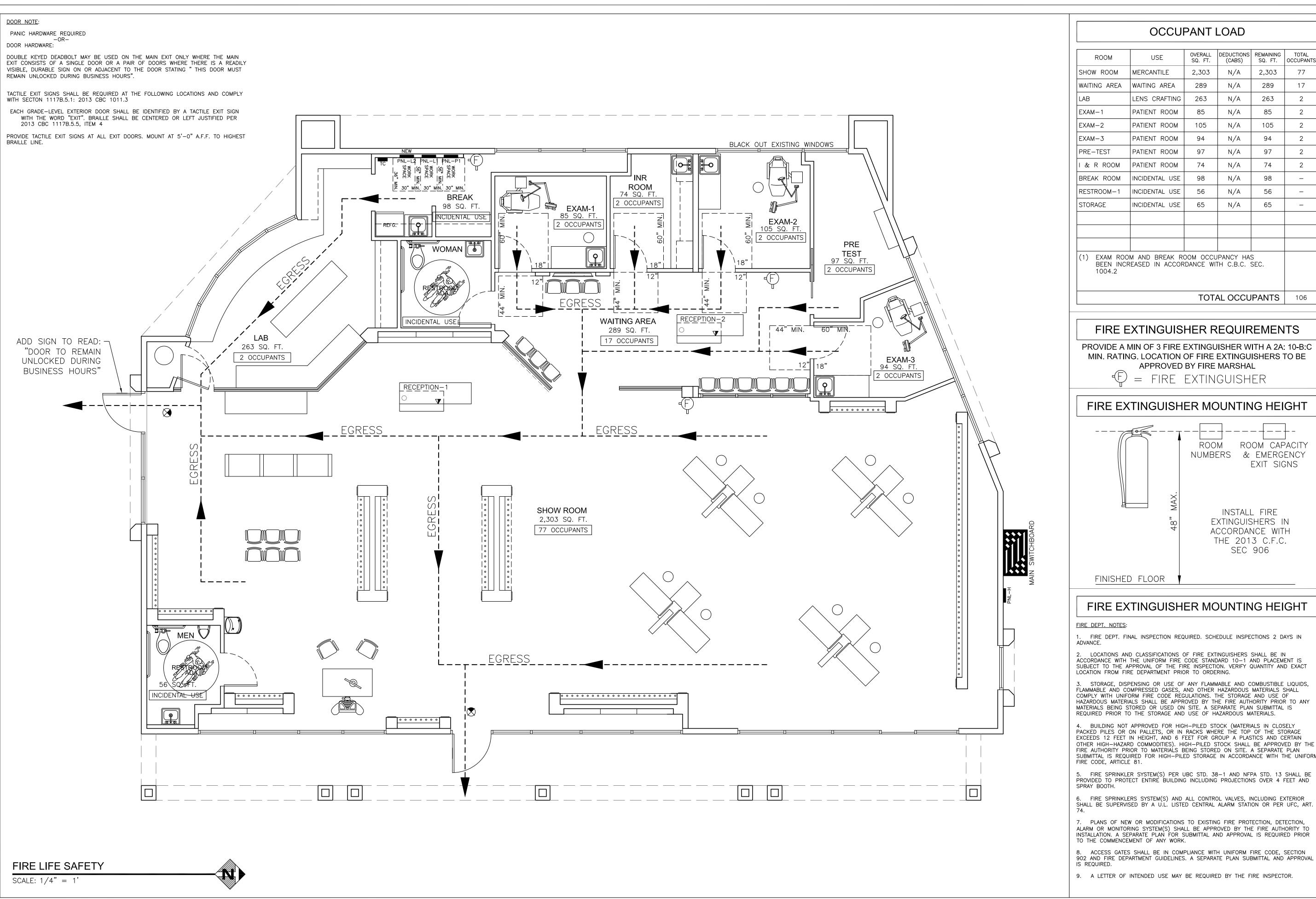
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> SITE APN: 122-290-026-000

DRAWING INFORMATION <u>REVISION DATE</u> 12-29-14

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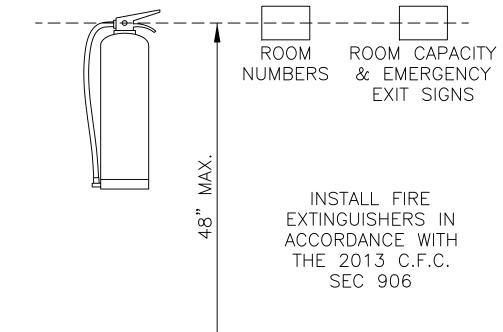


ROOM	USE	OVERALL SQ. FT.	DEDUCTIONS (CABS)	REMAINING SQ. FT.	OCCU
SHOW ROOM	MERCANTILE	2,303	N/A	2,303	7
WAITING AREA	WAITING AREA	289	N/A	289	1
LAB	LENS CRAFTING	263	N/A	263	2
EXAM-1	PATIENT ROOM	85	N/A	85	2
EXAM-2	PATIENT ROOM	105	N/A	105	2
EXAM-3	PATIENT ROOM	94	N/A	94	2
PRE-TEST	PATIENT ROOM	97	N/A	97	2
I & R ROOM	PATIENT ROOM	74	N/A	74	2
BREAK ROOM	INCIDENTAL USE	98	N/A	98	-
RESTROOM-1	INCIDENTAL USE	56	N/A	56	-
STORAGE	INCIDENTAL USE	65	N/A	65	_

### FIRE EXTINGUISHER REQUIREMENTS

PROVIDE A MIN OF 3 FIRE EXTINGUISHER WITH A 2A: 10-B:C MIN. RATING. LOCATION OF FIRE EXTINGUISHERS TO BE

### FIRE EXTINGUISHER MOUNTING HEIGHT



. FIRE DEPT. FINAL INSPECTION REQUIRED. SCHEDULE INSPECTIONS 2 DAYS IN

2. LOCATIONS AND CLASSIFICATIONS OF FIRE EXTINGUISHERS SHALL BE IN

3. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH UNIFORM FIRE CODE REGULATIONS. THE STORAGE AND USE OF HAZARDOUS MATERIALS SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO ANY MATERIALS BEING STORED OR USED ON SITE. A SEPARATE PLAN SUBMITTAL IS

PACKED PILES OR ON PALLETS, OR IN RACKS WHERE THE TOP OF THE STORAGE EXCEEDS 12 FEET IN HEIGHT, AND 6 FEET FOR GROUP A PLASTICS AND CERTAIN OTHER HIGH-HAZARD COMMODITIES). HIGH-PILED STOCK SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO MATERIALS BEING STORED ON SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR HIGH-PILED STORAGE IN ACCORDANCE WITH THE UNIFORM

. FIRE SPRINKLER SYSTEM(S) PER UBC STD. 38-1 AND NFPA STD. 13 SHALL BE PROVIDED TO PROTECT ENTIRE BUILDING INCLUDING PROJECTIONS OVER 4 FEET AND

6. FIRE SPRINKLERS SYSTEM(S) AND ALL CONTROL VALVES, INCLUDING EXTERIOR

7. PLANS OF NEW OR MODIFICATIONS TO EXISTING FIRE PROTECTION, DETECTION, ALARM OR MONITORING SYSTEM(S) SHALL BE APPROVED BY THE FIRE AUTHORITY TO INSTALLATION. A SEPARATE PLAN FOR SUBMITTAL AND APPROVAL IS REQUIRED PRIOR

9. A LETTER OF INTENDED USE MAY BE REQUIRED BY THE FIRE INSPECTOR.

NESTE

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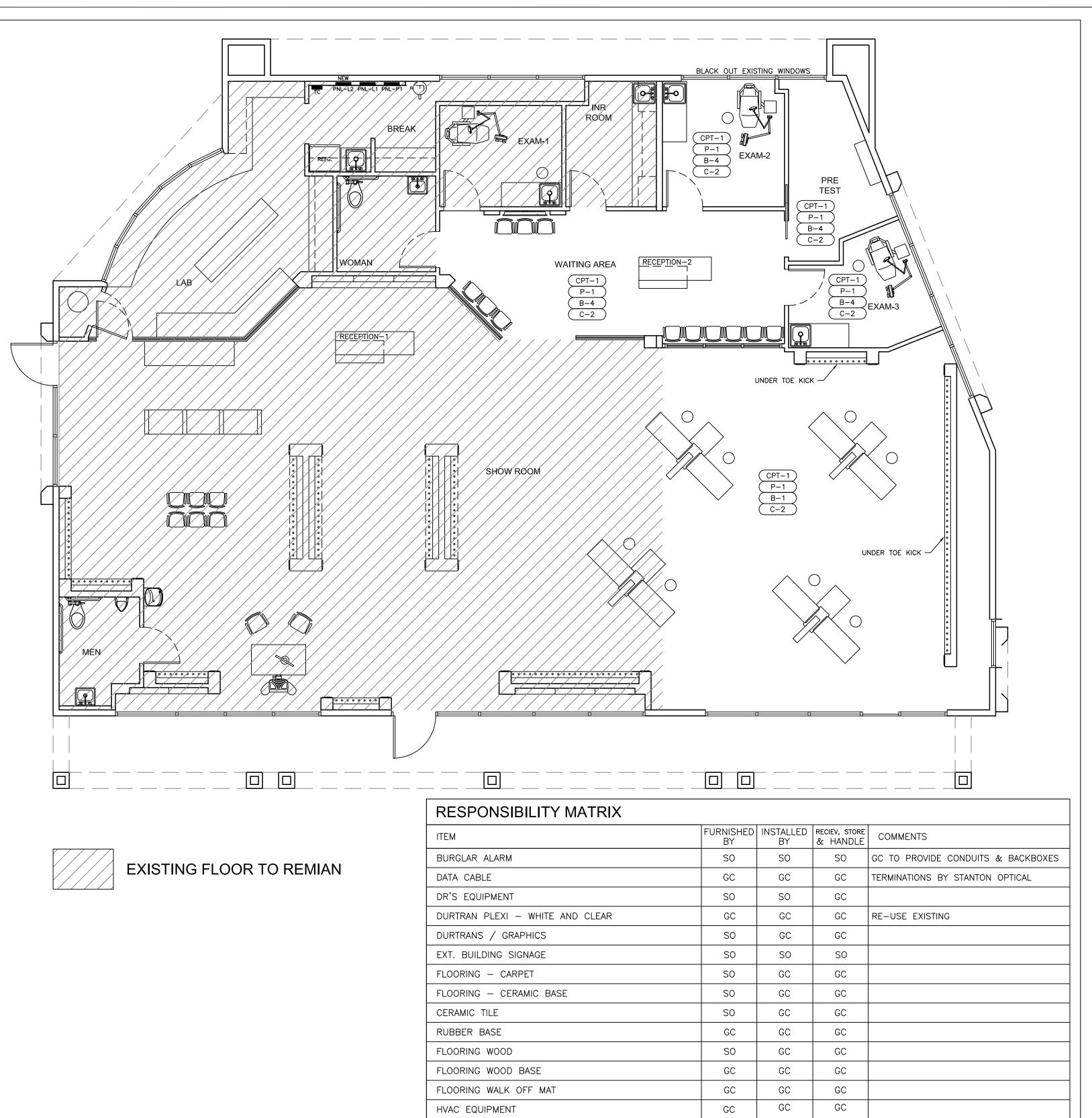
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	FINISH SCHEDULE								
ROOMS	WALLS	FLOORS	FLOOR BASE	FL/BASE DTL.	CLG. FINISH	CLG. HGT	REMARKS	SUPPLIED BY	INSTALLED BY
MANAGER'S OFFICE	PT-1	VCT-1	B-1		C-2	10'-0"		SEE RESPONSIBILITY MATRIX THIS SHEET	CONTRACTOR
UTILITY	PT-1	VCT-1	B-1		C-2	10'-0"			CONTRACTOR
BREAK ROOM	PT-1	VCT-1	B-1		C-2	10'-0"			CONTRACTOR
EXAM ROOM	PT-1	CPT-1	B-4		C-2	10'-0"	G.C. TO COORDINATE SIZES AND LOCATIONS OF MIRRORS TO BE INSTALLED WITH OWNER	-	CONTRACTOR
PRE-TEST ROOM	PT-1	CPT-1	B-4		C-2	10'-0"		-	CONTRACTOR
RECEPT. #1 MAIN ROOM	PT-1/ PT-2	CPT-1/ WD-1	B-4	2/A5	C-2	10'-0"	PT-2 BEHIND RECEPTION DESK # 1 AS INDICATED ON PLAN		CONTRACTOR
RECEPT. #2 WAITING AREA	PT-1	CPT-1	B-4		DRYWALL /C-2	10'-0"			CONTRACTOR
LENSE ROOM	PT-1	CPT-1	B-4		C-2	10'-0"	G.C. TO COORDINATE SIZES AND LOCATIONS OF MIRRORS TO BE INSTALLED WITH OWNER	-	CONTRACTOR
RESTROOMS	PT-1	CT-1	CT-1	1/A5	C-2	10'-0"	WATER RESISTANT / GLOSS PAINT		CONTRACTOR
HALLWAY	PT-1	CPT-1	B-4		DRYWALL	10'-0"			CONTRACTOR

NOTE: ALL DOORS AND FRAMES TO BE PT-2 BENJAMIN MOORE DECORATOR WHITE EGGSHELL. WALLS TO BE EGGSHELL DOORS & FRAMES TO BE SEMI GLOSS

	FINISH SPECIFIC	ATIONS		
	DESCRIPTION	REMARKS		
	FLOORING	G		
CPT-1	PATCRAFT - MODEL #10037-37605 DUPLICATION / DOUBLE EXPOSURE			
CPT-2	PATCRAFT - MODEL #EBB-Z6422 REEF 00735	ALTERNATE FOR CPT-A - VERIFY W/ OWNER / GC		
MT-1	NOT USED			
VCT-1	TARKETT - MANNINGTON ESSENTIALS 121 SILVER WHITE	CONTACT - OFFICE (800) 558-2240 WWW.TARKETT-COMMERCIAL.COM		
VCT-2	N/A			
WD-2	N/A			
-1,2,3	ROPPE	DARK BROWN		
	BASE			
B-1	ROPPE - MODEL #120 TAN - 700 SERIES VINYL			
B-2	ROPPE - MODEL #170 WHITE - 700 SERIES VINYL			
B-3	NOT USED			
B-4	PATCRAFT - MODEL #10037-37606 DUPLICATION / DOUBLE EXPOSURE	4" W/ 1/4" ROUNDED TOP CAP PER DETAIL THIS SHEET - IN WAITING, PRE-TEST, I&R & EXAM ROOMS		
B-5	N/A			
	CEILING			
C-1	HUNTER DOUGLAS — TECHSTYLE CLASSIC SERIES — LENS — LEXAN POLYCARBONATE (0.06") WHITE 829 6" INFILL PANELS AS INDICATED ON DWGS BY HUNTER DOUGLAS	CLASS "A" FIRE RATED TRACK - 9/16" WIDE "T" GRID WHITE BY ARMSTRONG OR USG		
C-2	ARMSTRONG — 24"x24" ULTIMA — WHITE ACOUSTICAL CEILING TILE	CLASS "A" FIRE RATED TRACK — 9/16" WIDE "T" GRID WHITE BY ARMSTRONG OR USG		
C-3	HARD LID PAINTED / BENJAMIN MOORE - DECORATORS WHITE #I-04			
	PAINT / MIRF	ROR		
P-1	BENJAMIN MOORE - DECORATORS WHITE #I-04	ALL WALLS EXCEPT MAIN RECEPTION ACCENT WALL		
P-2	BENJAMIN MOORE - ORANGE BURST #2015-20	ACCENT WALL @ MAIN RECEPTION		
S-1	_	WOOD FLOOR & BASE STAIN TO MATCH COLOR OF FOMICA VENEER #8430 KOFFE FINELINE		
S-2	MIRROR FROM FLOOR TO TERMINATION AT CEILING (ALL SIDES)			
	PLASTIC / LAM	INATE		
PL-1	BODY — FORMICA — VENEER #8430 KOFFE FINELINE ACCENT ABET LAMINATI — DIFOS #3607	ALL DISPLAYS / FURNITURE IN SHOWROOM INCLUDING MAIN RECEPTION & DOCTOR'S RECEP.		
PL-2	FORMICA — VENEER # 6209 — LX PRESTIGE WALNUT	KITCHEN, MANAGER'S OFFICE AND I & R ROOM		
PL-3	FORMICA — VENEER #8430 KOFFE FINELINE	RESTROOM COUNTERTOP		
PL-4	WILSONART — DESIGNER WHITE D354-60	LAB		



LIGHT FIXTURES

CABINETS

MILLWORK

TV'S

LIGHT FIXTURES - DISPLAY LIGHTING

PLEXI EYEGLASS POLES, CLIPS, AND GROMMETS

LIGHTING CONTROL PANEL

PHONES AND COMPUTERS

PLUMBING FIXTURES

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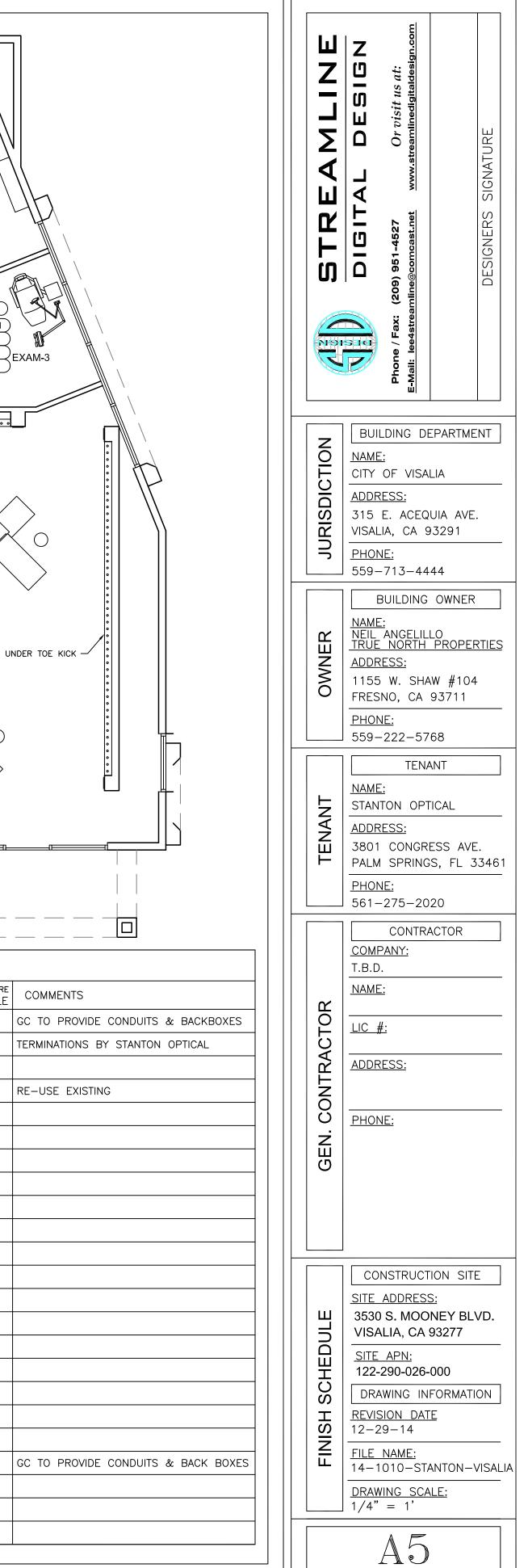
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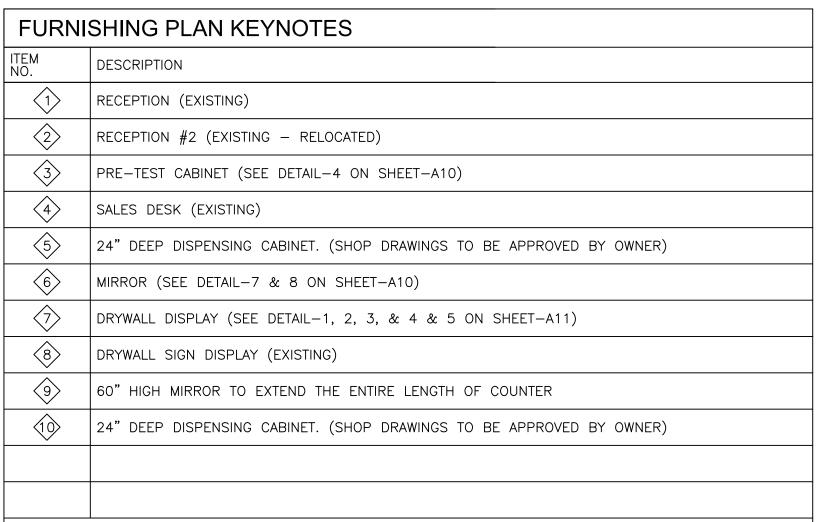
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- VERIFY LOCATION AND UNIT DISPLAY WITH OWNER PRIOR TO INSTALLATION.
- ALL UPPER CABS TO BE 18" DEEP.
- COUNTER TOPS TO BE 4" THICK.
- CABINET DOORS TO RECEIVE TOUCH LATCHES. 5. ALL DRAWERS TO RECEIVE HANDLE.

### **EXIT SIGNS**

#### **EXIT SIGNS**

1011.1 Where required. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. Access to exits shall be marked by readily visible exit signs in cases where the exit or the path of egress travel is not immediately visible to the occupants. Exit sign

placement shall be such that no point in a corridor is more than 100 feet (30 480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign.

#### Exceptions:

Exit signs are not required in rooms or areas that require only one exit or exit access.

Main exterior exit doors or gates that are obviously and clearly identifiable as exits need not have exit signs where approved by the building official.

Exit signs are not required in occupancies in Group U and individual sleeping units or dwelling units in Group R-1, R-2 or R-3.

Exit signs are not required Group 1-3 occupancies where inmates are PNL-Hd or held.

In occupancies in Groups A-4 and A-5, exit signs are not required on the seating side of vomitories or openings into seating areas where exit signs are provided in the concourse that are readily apparent from the vomitories. Egress lighting is provided to identify each vomitory or opening within the seating area in an

1011.2 Illumination. Exit signs shall be internally or externally illuminated.

Exception: Tactile signs required by Section 1011.3 need not be provided with illumination.

1011.3 Tactile exit signs. For the purposes of Section 1011.3, the term "tactile exit signs" shall mean those required signs that comply with Section 111 7B.5. 1, Item 1. Tactile exit signs shall be required at the following

- Each grade-level exterior exit door shall be identified by a tactile exit sign with the word, "EXIT." Each exit door that leads directly to a grade-level exterior exit by means of a stairway or ramp shall be
- identified by a tactile exit sign with the following words as appropriate:
- *"EXIT STAIR DOWN"* "EXIT RAMP DOWN"
- "EXIT STAIR UP"
- "EXIT RAMP UP"

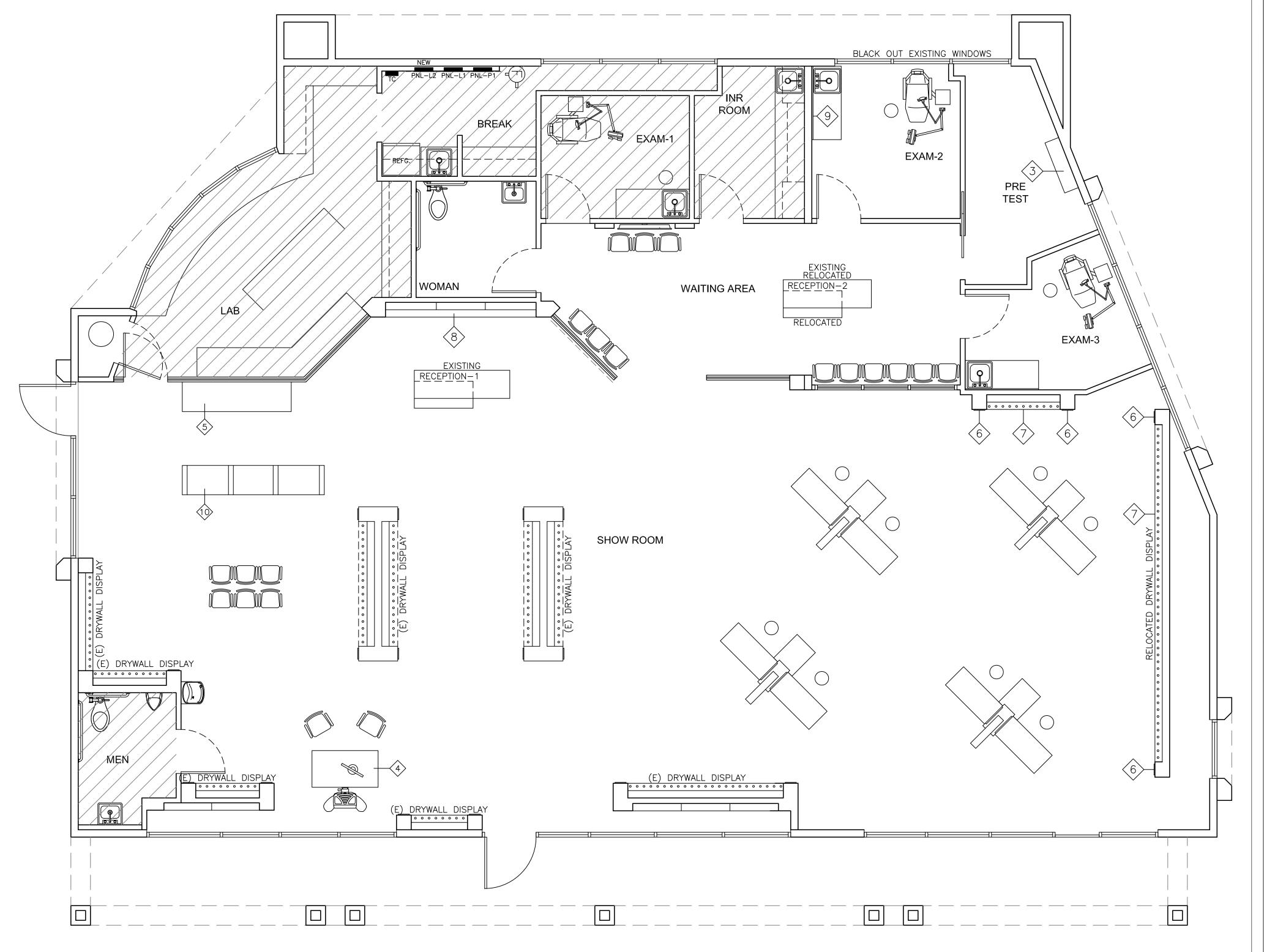
Each exit door that leads directly to a grade-level exterior exit by means of an exit enclosure that does not utilize a stair or ramp, or by means of an exit passageway, shall be identified by a tactile exit sign with the

### "EXIT ROUTE."

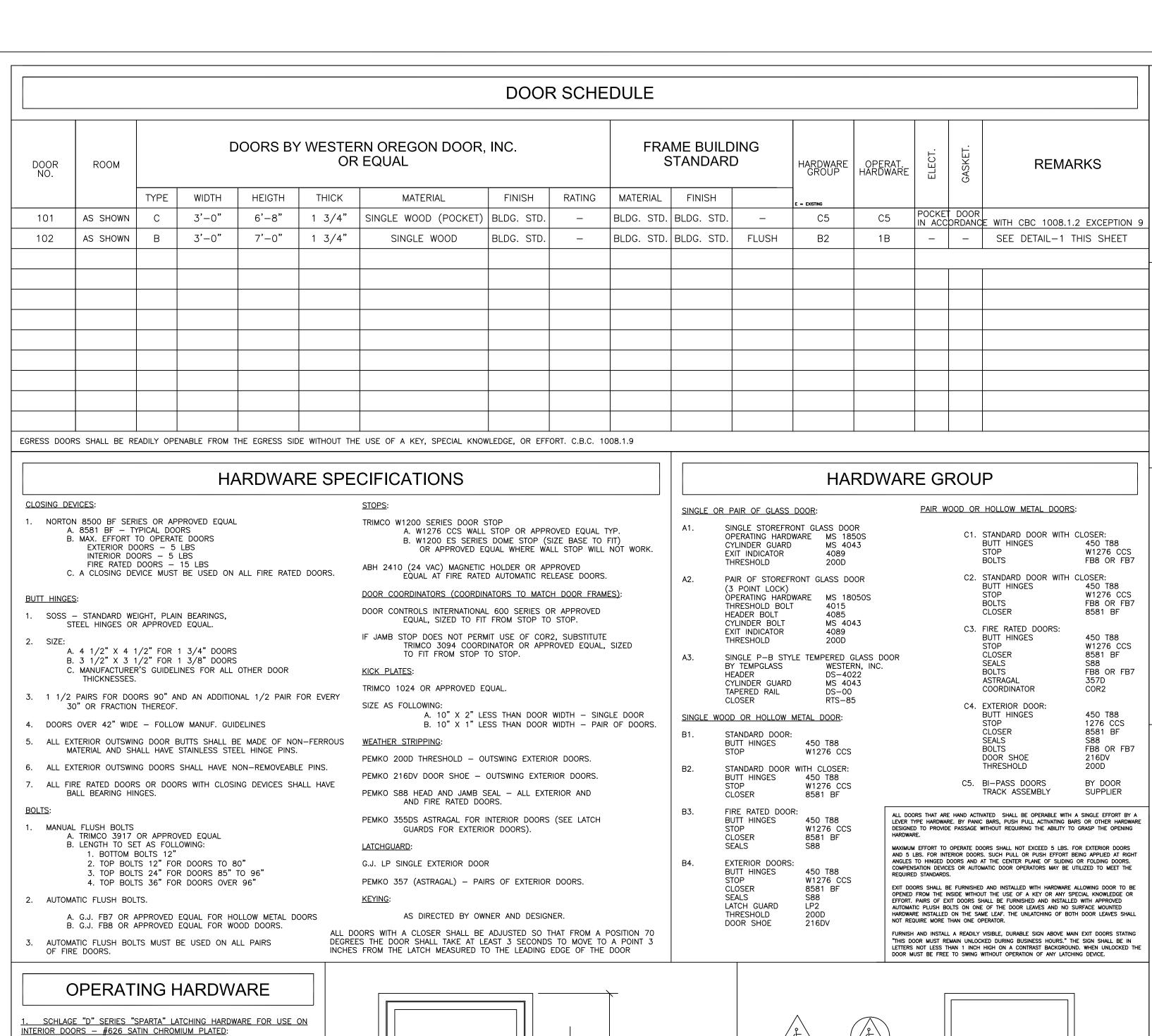
4, Each exit access door from an interior room or area that is required to have a visual exit sign, shall be identifiedby a tactile exit sign with the words, "EXIT ROUTE."

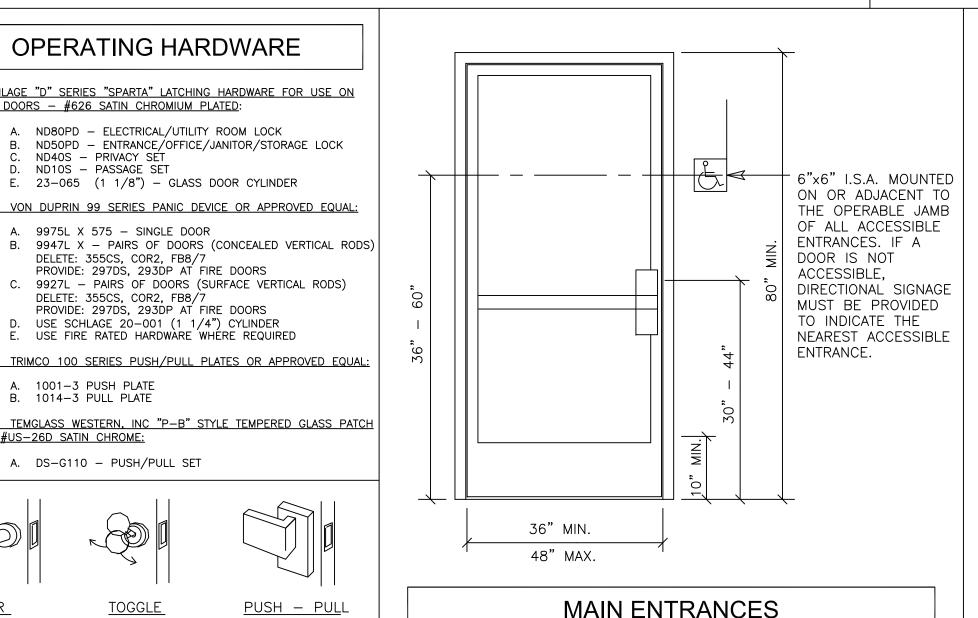
Each exit door through a horizontal exit shall be identified by a tactile exit sign with the words "TO EXIT." 1011.4 Internally illuminated exit signs. Internally illuminated exit signs shall be listed and labeled and shall be installed in accordance with the manufacturer's instructions and Section 2702. Exit signs shall be illuminated at all

SEE ADDITIONAL TACTILE SIGN REQUIRMENTS ON SHEET-A15









ND40S - PRIVACY SÉT

ND10S - PASSAGE SET

DFLETE: 355CS, COR2, FB8/7

DELETE: 355CS, COR2, FB8/7

1001-3 PUSH PLATE

A. DS-G110 - PUSH/PULL SET

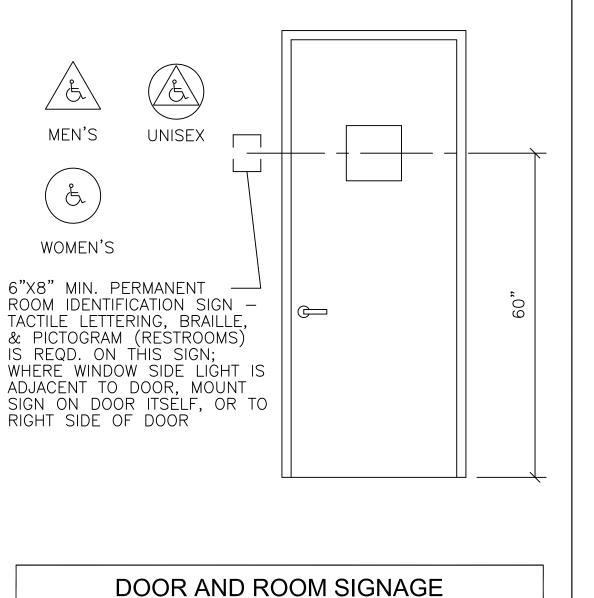
<u>TOGGLE</u>

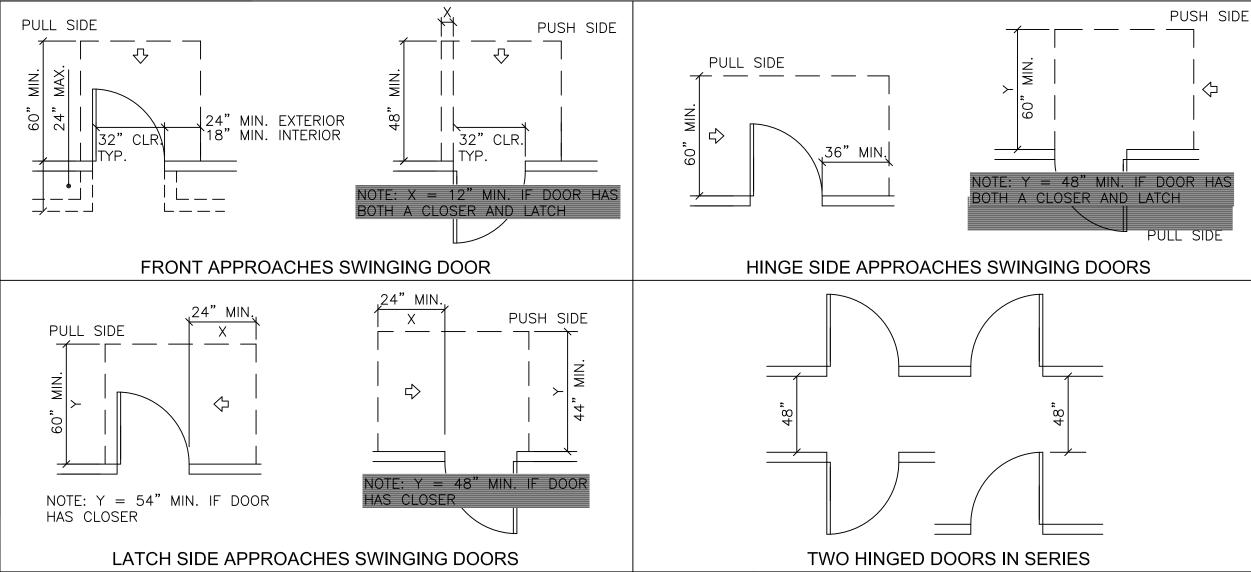
MOUNT HARDWARE 2'-6" TO 3'-8" A.F.F.

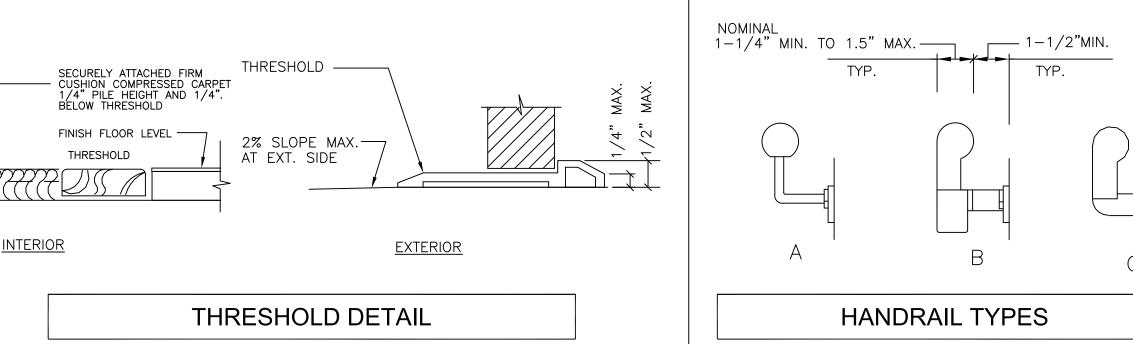
<u>PUSH – PUL</u>L

B. 1014–3 PULL PLATE

FITTINGS #US-26D SATIN CHROME:







### ACCESSIBILITY REQUIREMEN

ACCESSIBILITY REQUIREMENTS ARE PER THE DESIGNERURAL BARRIER LAWS: REGULATIONS FOR THE PHYSICALLY DISABLED; AND THE DESIGN GUIDELINES SET FORTH IN PART III OF THE U.S. JUSTICE DEPARTMENT'S REPORT ON THE AMERICAN'S WITH DISABILITIES ACT.

NOTE: UNLESS OTHERWISE NOTED, ALL DIMENSIONS ARE MINIMUM.

A. BUILDING ACCESS:

5. STAIRS:

1. ENTRANCES: ALL PRIMARY ENTRANCES SHALL ACCESSIBLE BY MEANS OF A LEVEL ENTRY ELEVATION, RAMP, CURB RAMP, ELEVATOR,

OR PLATFORM LIFT. A) 60"X 60" CLEAR, LEVEL AREA IN DIRECTION OF DOOR SWING. 48" DEEP X WIDTH OF THE DOORWAY (IF DOOR HAS BOTH A CLOSER AND A LATCH A 12" WIDE CLEAR AREA IS

REQUIRED AT THE LATCH EDGE). (T-24 CCR, ADAAG - 4.13.6) B) 18" WIDE CLEAR AREA FROM STRIKE SIDE FOR INTERIOR DOORS, 24" WIDE FOR EXTERIOR DOORS.

3. <u>DOORS:</u> A) WIDTH: 32" CLEAR; OPENING GENERALLY REQUIRES 36" WIDE

DOOR (TITLE 24 CCR AND ADAAG - 4.13.5) B) HEIGHT: 80" (TITLE 24 CCR AND ADAAG 4.4.2) C) CONSTRUCTION: BOTTOM 10" OF DOORS, EXCEPT AUTOMATIC AND SLIDING MUST HAVE A SMOOTH, UNINTERRUPTED SURFACE THAT PERMITS THE DOOR TO BE OPENED BY A WHEEL CHAIR FOOTREST. D) HARDWARE: HAND ACTIVATED HARDWARE, 30" TO 44" HIGH. LOCKING AND LATCHING DOORS SHALL BE OPERABLE WITH HARDWARE WHICH DOES NOT REQUIRE THE ABILITY TO GRASP, PINCH, OR TWIST THE WRIST. EXAMPLES INCLUDE LEVERS, PANIC BARS, AND PUSH PULL ACTIVATING BARS. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF KEY, SPECIAL KNOWLEDGE OR EFFORT. (TITLE 24 CCR AND ADAAG 4.13.9).

E) FORCE TO OPEN: 5 LBS. MAXIMUM INTERIOR DOORS, 8.5 LBS. MAXIMUM EXTERIOR DOORS, 15 LBS. MAXIMUM FIRE DOORS. F) THRESHOLDS: 1/2 INCH MAXIMUM: AS MUCH AS 1/4 INCH MAY BE VERTICAL AND WITHOUT EDGE TREATMENT. BETWEEN 1/4 AND 1/2 INCH THE SURFACE MUST BE BEVELED, WITH A SLOPE NO

GREATER THAN 1:2. (ADAAG 4.13.8, 4.5.2) 4. CONTROLS: A) CONTROLS: TOP OF SWITCHES, CONTROLS, AND THERMOSTATS, 36 TO 48 INCHES MAX ABOVE FLOOR. BOTTOM OF ELECTRICAL RECEPTACLES 15 INCHES MAX ABOVE FLOOR.

> A) EXTERIOR STAIRS: THE UPPER APPROACH AND ALL TREADS MUST HAVE A STRIP AT LEAST 2 INCHES WIDE (4" MAX.) PLACED PARALLEL TO AND WITHIN 1 INCH OF THE NOSING. THE STRIP MUST BE OF A MATERIAL AT LEAST AS SLIP-RESISTANT AS THE TREADS AND OF A CONTRASTING COLOR (MAY BE PAINTED). B) INTERIOR STAIRS: THE UPPER APPROACH AND BOTTOM TREAD OF EACH FLIGHT MUST HAVE A STRIP AT LEAST 2 INCHES WIDE (4" MAX.) PLACED PARALLEL TO AND WITHIN 1 INCH OF THE NOSING. THE STRIP MUST BE OF A MATERIAL AT LEAST AS SLIP-RESISTANT AS THE

TREADS AND OF A CONTRASTING COLOR. 6. <u>HAZARDS:</u> A) WARNING CURBS: ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4 INCHES IN A VERTICAL DIMENSION SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP OFF. A CURB IS NOT REQUIRED IF A GUARDRAIL OR HANDRAIL IS PRESENT WITH A GUIDERAIL CENTERED 2 TO 4 INCHES ABOVE WALKING SURFACE.

7. <u>RAMPS:</u> A) LANDINGS REQUIRED AT TOP AND BOTTOM; INTERMEDIATE LANDINGS REQUIRED EVERY 30 INCHES OF RISE, AND AT MAXIMUM HORIZONTAL DISTANCE BASED ON SLOPE AS SHOWN BELOW: B) ANY PATH GREATER THAN 1:20 IS CONSIDERED A RAMP.

FACILITIES ACCESS

FACILITIES SERVING BUILDINGS OR PORTIONS OF BUILDINGS WHICH ARE REQUIRED TO BE ACCESSIBLE TO THE DISABLED SHALL CONFORM TO THE FOLLOW

PASSAGE WAYS:

A) DOORWAYS: 32" CLEAR WIDTH. B) LEVEL, CLEAR AREAS 60" DEEP IN DIRECTION OF DOOR SWEEP.

48 INCHES DEEP AWAY FROM DOOR SWING. C) RESTROOM DOORS SHALL BE PROVIDED WITH SIGNAGE CENTERED 60 INCHES FROM FLOOR AS FOLLOWS:

SIGN TYPE "B' (1) MENS: EQUILATERAL TRIANGLE WITH SIDES 12 INCHES LONG X 1/4" THICK

WITH VERTEX UPWARD. (2) WOMEN: CIRCLE, 12 INCHES IN DIAMETER X 1/4" THICK.

SIGN TYPE "C' (1) UNISEX: EQUILATERAL TRIANGLE 1/4" THICK SUPERIMPOSED ON AND WITHIN A CIRCLE 1/4" THICK X 12" DIAMETER.

D) PERMANENTLY LABELED DOORS: RAISED LETTERS AND BRAILLE TO BE MOUNTED ON ADJACENT WALL ON STRIKE SIDE OF DOOR (RIGHT SIDE AT DOUBLE DOORS) AT 60" ABOVE FINISH FLOOR.

TURN AROUND:

A) CLEAR SPACE FROM FLOOR TO 27 INCHES ABOVE FLOOR CONSISTING OF A 60 INCH DIAMETER CIRCLE OR A T-SHAPED SPACE WITH EACH OF THE 3 ARMS AT LEAST 36 INCHES WIDE, DOWNSTROKE ARM AT LEAST 60 INCHES LONG (INCLUDING INTERSECTION), AND CROSS-STROKE WITH ARMS EXTENDING AT LEAST 12 INCHES ON EACH SIDE OF INTERSECTION.

B) EXCEPTING DOORWAYS, AN ACCESS WAY 44 INCHES WIDE TO HANDICAPPED WATER CLOSET SHALL BE PROVIDED.

WATER CLOSET COMPARTMENTS

A) DOORS SHALL BE AUTOMATIC CLOSING, WITH 32 INCHES CLEAR OPEN-ING WIDTH WHEN DOOR IS LOCATED AT END OF STALL, 34 INCHES CLEAR OPENING WIDTH WHEN DOOR IS LOCATED AT SIDE OF STALL; 60 INCHES CLEAR REQUIRED IN FRONT OF COMPARTMENT DOOR. HANDLES SHALL BE LOOP OR U-SHAPED BELOW LATCH IN FLIP-OVER STYLE, SLIDING OR OTHER STYLE NOT REQUIRING GRASPING OR TWISTING.

A) GRAB BARS SHALL BE 1 1/4" TO 1 1/2' NOMINAL DIAMETER, 1 1/2" CLEAR OF WALL, NON-ROTATING AND ABLE TO WITHSTAND 250 POUNDS OF FORCE.

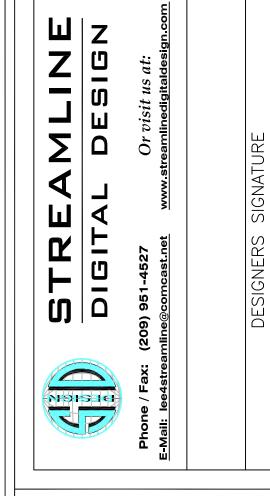
A) EACH AREA OF REFUGE SHALL BE SIZED TO ACCOMMODATE ONE WHEELCHAIR SPACE NOT LESS THAN 30 INCHES BY 48 INCHES FOR EACH 200 OCCUPANTS

B) WHEELCHAIR SPACES SHALL NOT REDUCE THE REQUIRED EXIT WIDTH. C) AREA OF REFUGE SHALL BE PROVIDED WITH A TWO WAY COMMUNICATION SYSTEM BETWEEN THE AREA OF REFUGE AND A CENTRAL CONTROL POINT. IF THE CENTRAL CONTROL POINT IS NOT CONSTANTLY ATTENDED, THE AREA OF REFUGE SHALL ALSO HAVE CONTROLLED ACCESS TO A PUBLIC TELEPHONE SYSTEM.

D) IN ARES OF REFUGE THAT HAVE A TWO-WAY EMERGENCY COMMUNICATION SYSTEM INSTRUCTIONS ON THE USE OF THE AREA UNDER EMERGENCY CONDITIONS SHALL BE POSTED ADJOINING THE COMMUNICATION SYSTEM. E) EACH AREA OF REFUGE SHALL BE IDENTIFIED BY A SIGN STATING AREA OF REFUGE AND

THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. (REFER TO UBC SECTION 1104.2)

DESIGN DRAWINGS TAKE PRECEDENCE WHERE IN CONFLICT WITH DETAILS OR DIMENSIONS SHOWN HERE EXCEPT WHERE SUCH WOULD RESULT IN NON-COMPLIANCE WITH TITLE 24 CCR AND ADAAG REQUIREMENTS.



BUILDING DEPARTMENT CITY OF VISALIA 315 E. ACEQUIA AVE. VISALIA, CA 93291 | 559-713-4444

> BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES 1155 W. SHAW #104 FRESNO, CA 93711 PHONE: 559-222-5768

TENANT STANTON OPTICAL 3801 CONGRESS AVE. PALM SPRINGS, FL 33461

<u>PHONE:</u> 561-275-2020 CONTRACTOR

<u>COMPANY:</u> T.B.D. NAME:

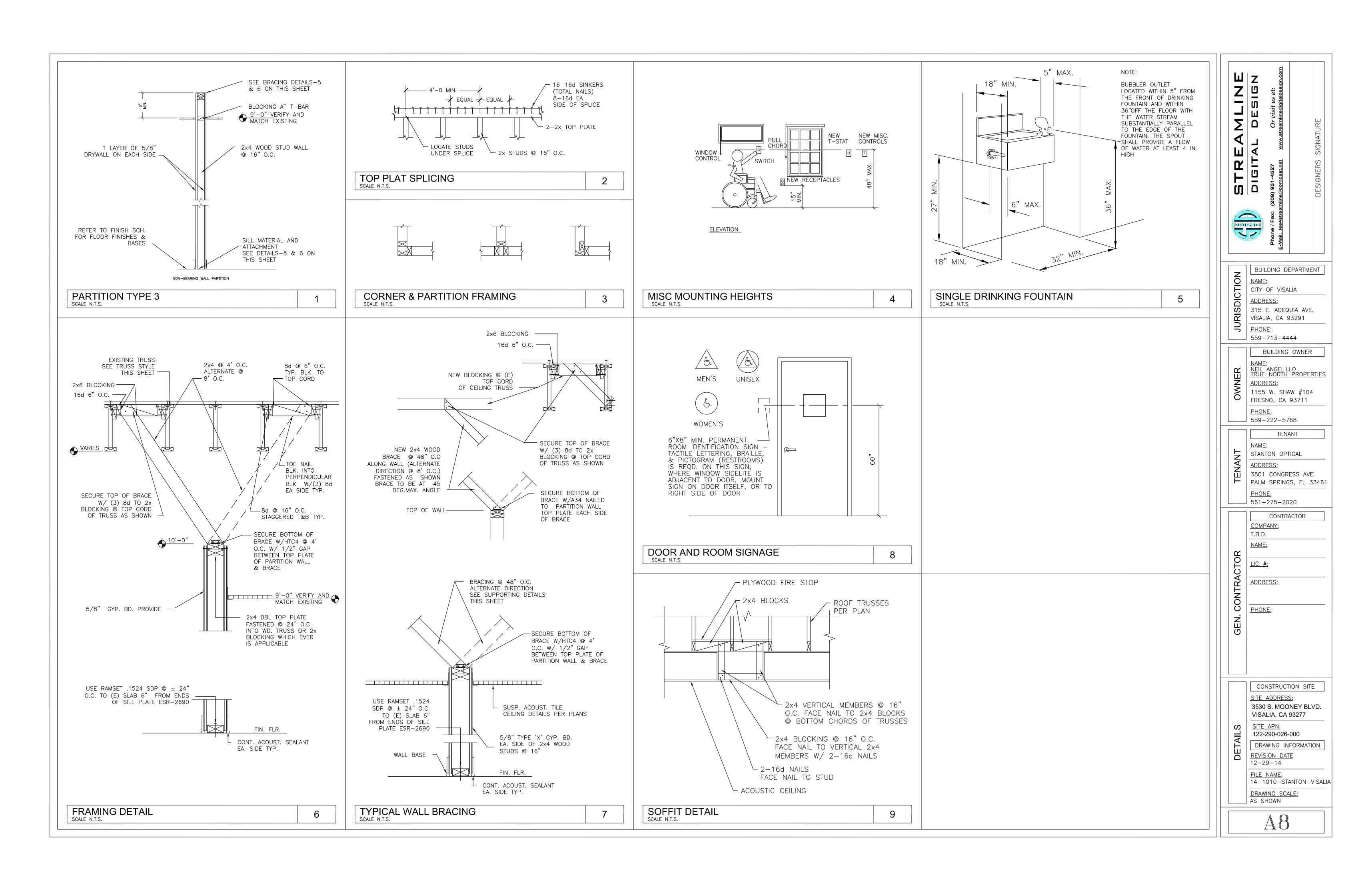
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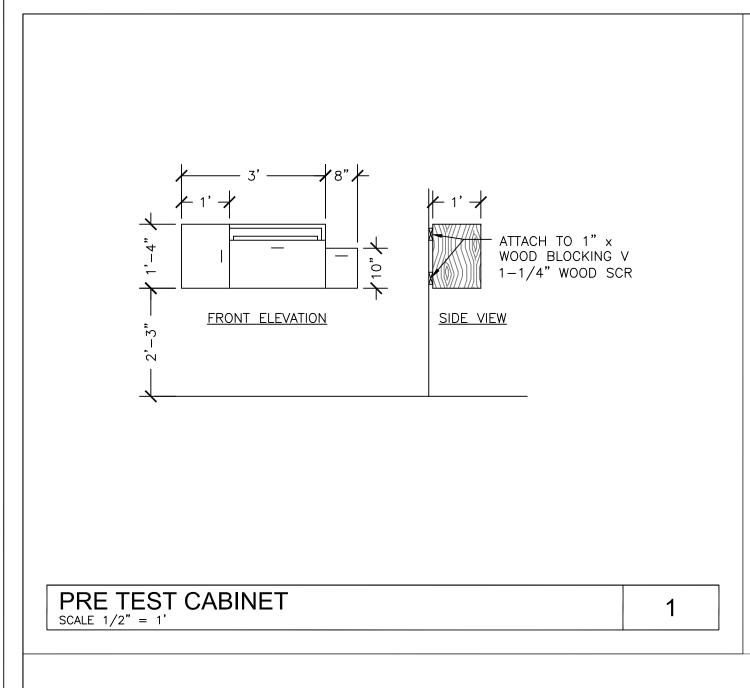
<u> ADDRESS:</u>

CONSTRUCTION SITE SITE ADDRESS 3530 S. MOONEY BLVD. VISALIA, CA 93277 SITE APN: 122-290-026-000

DRAWING INFORMATION REVISION DATE 12-29-14 FILE NAME: 14-1010-STANTON-VISALIA

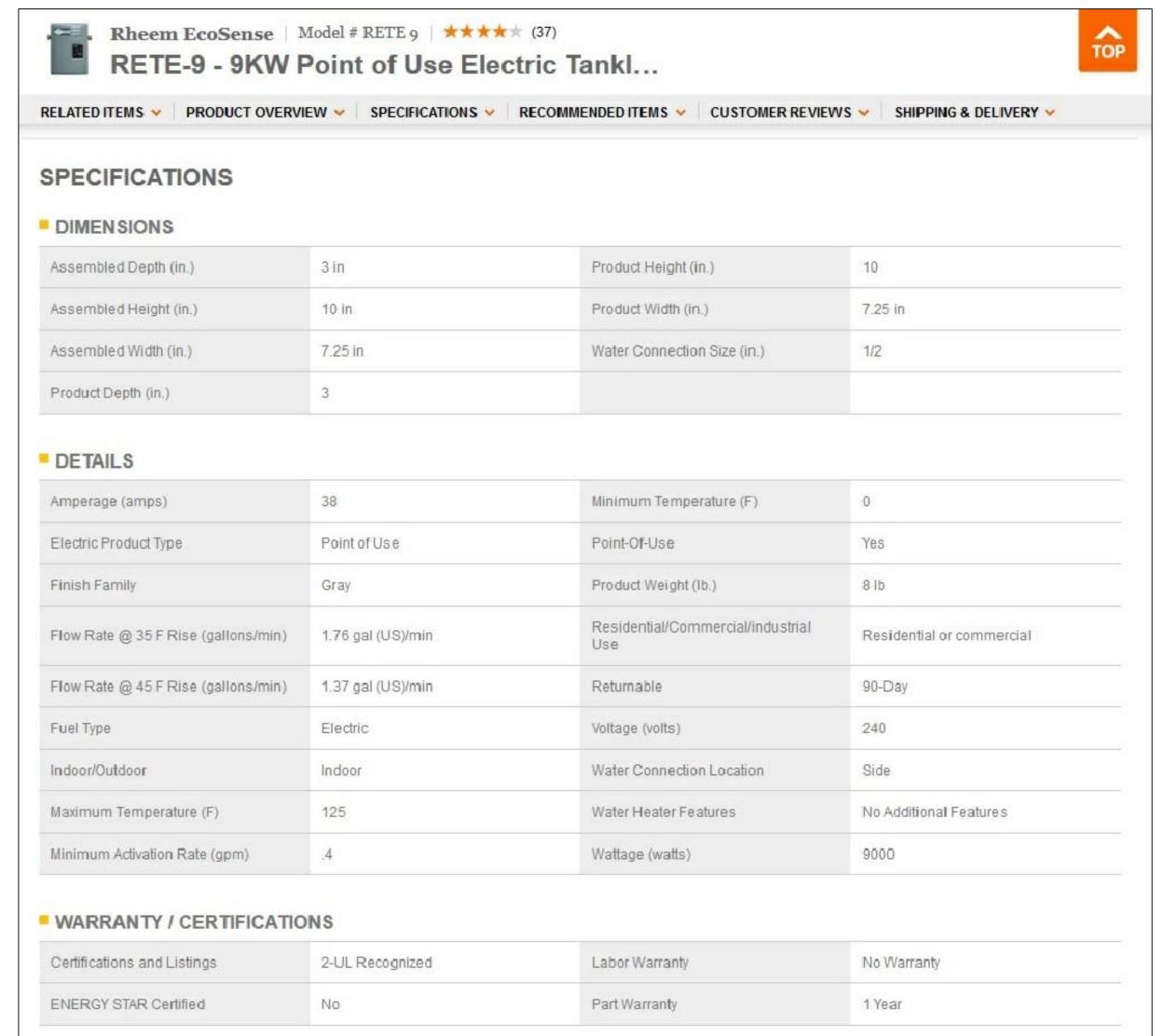
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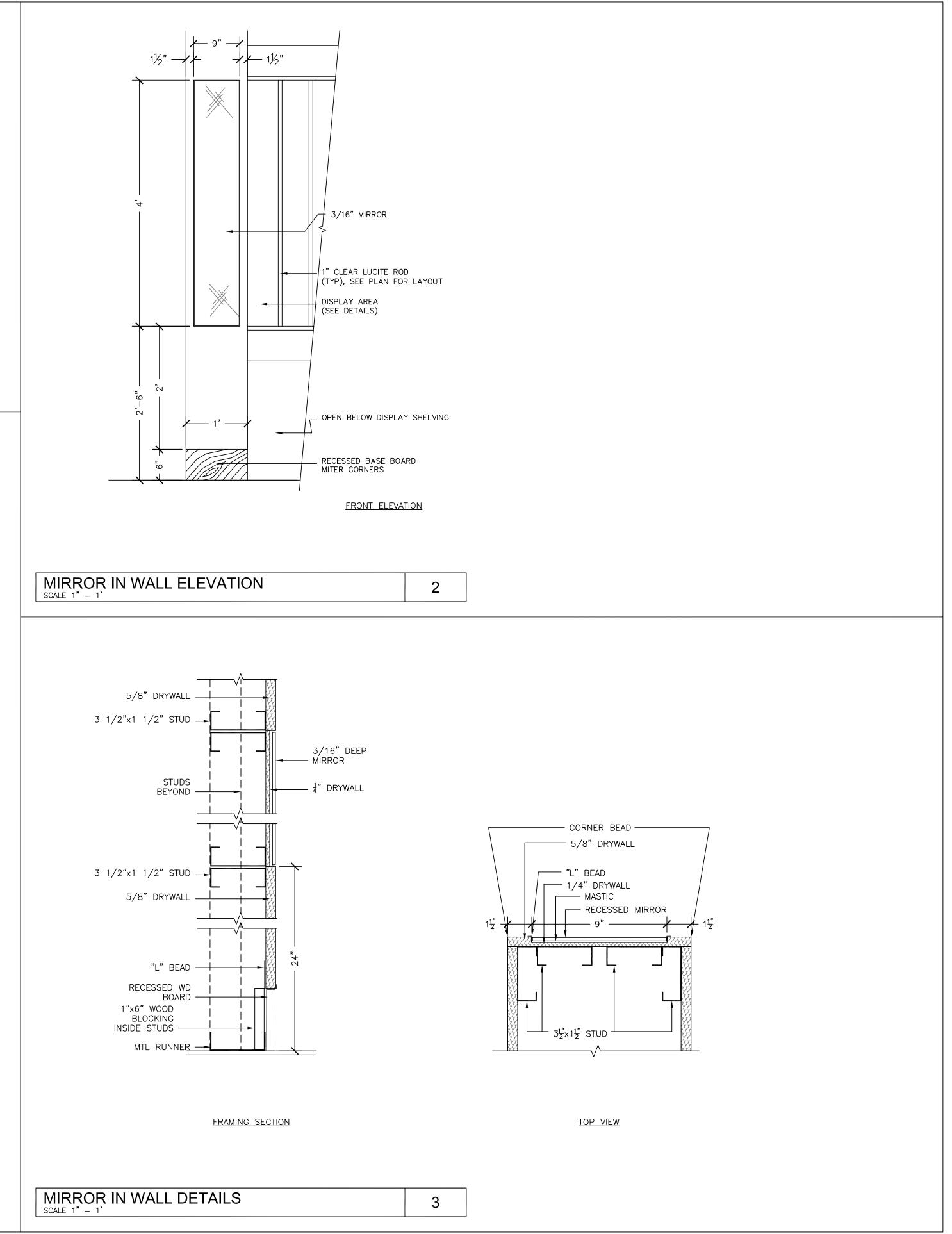




POINT OF USE WATER HEATER

SCALE 1/2" = 1'

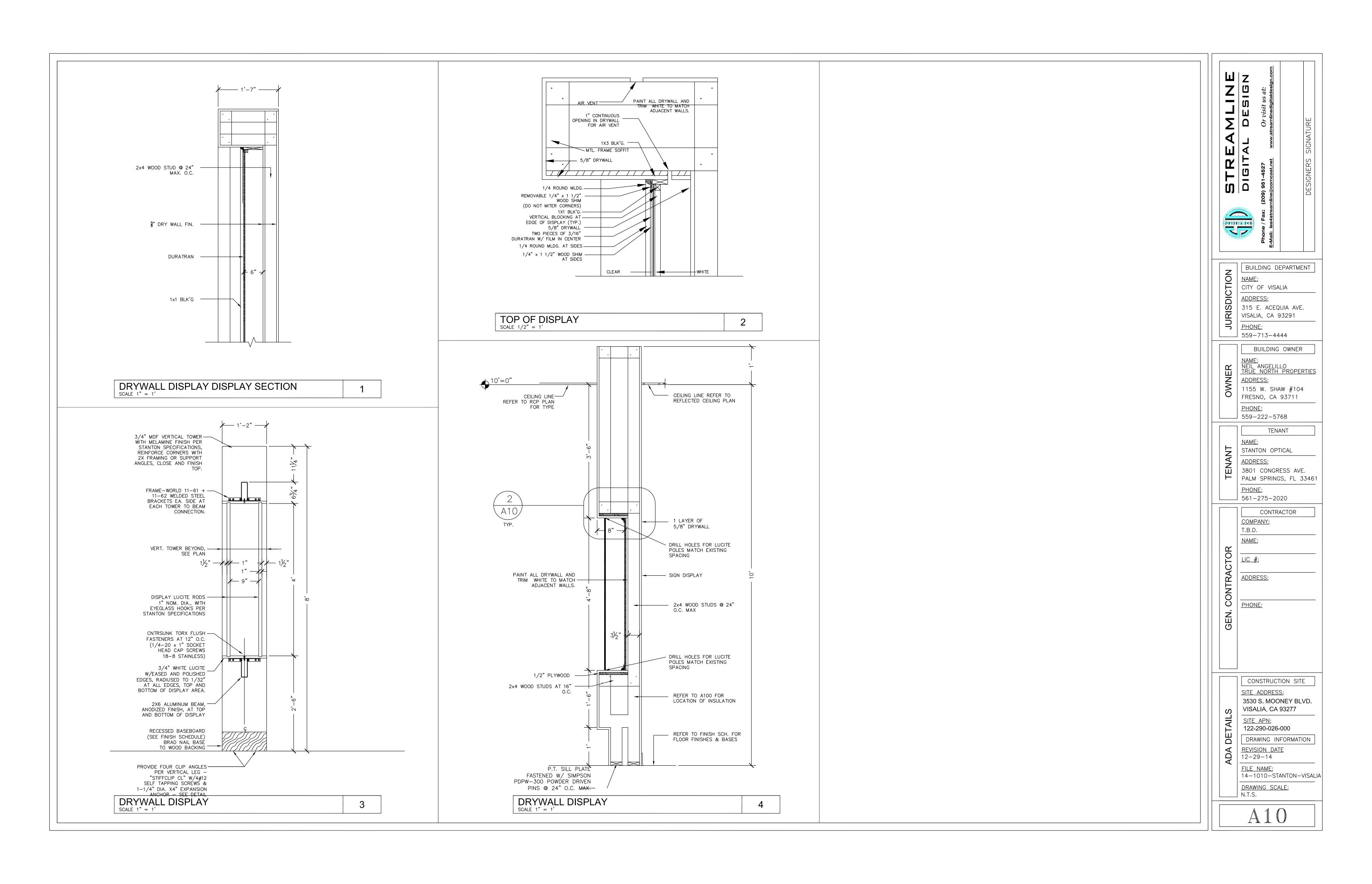


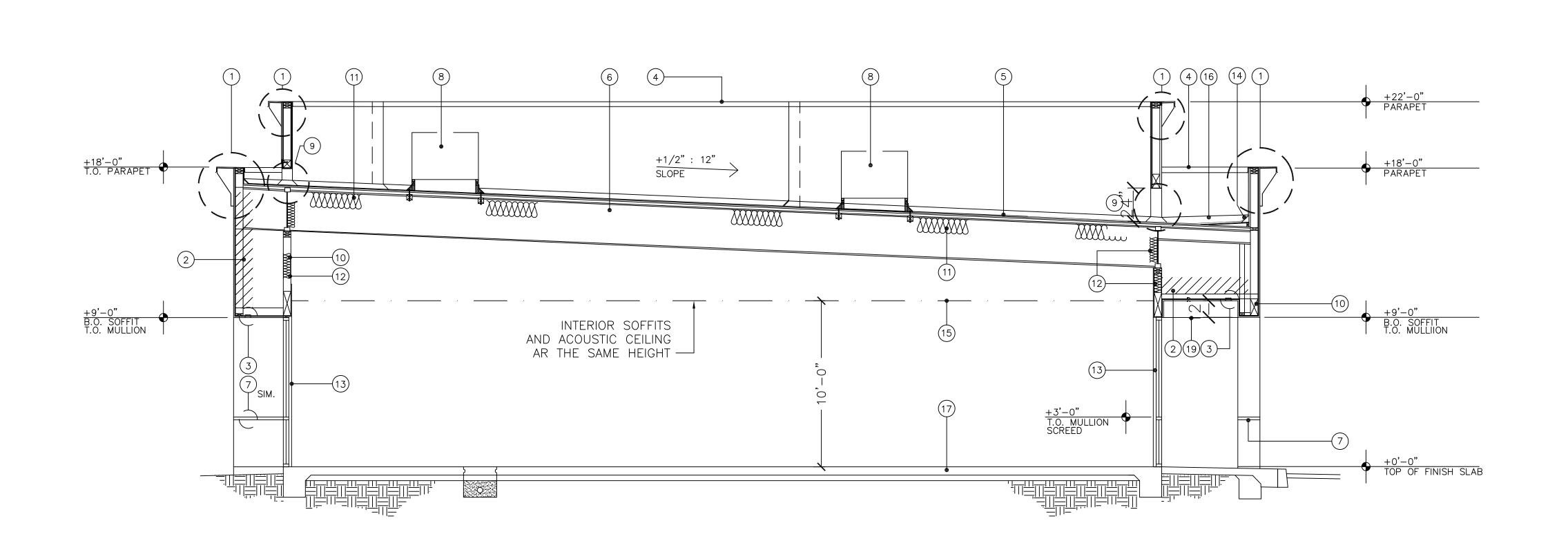




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A9





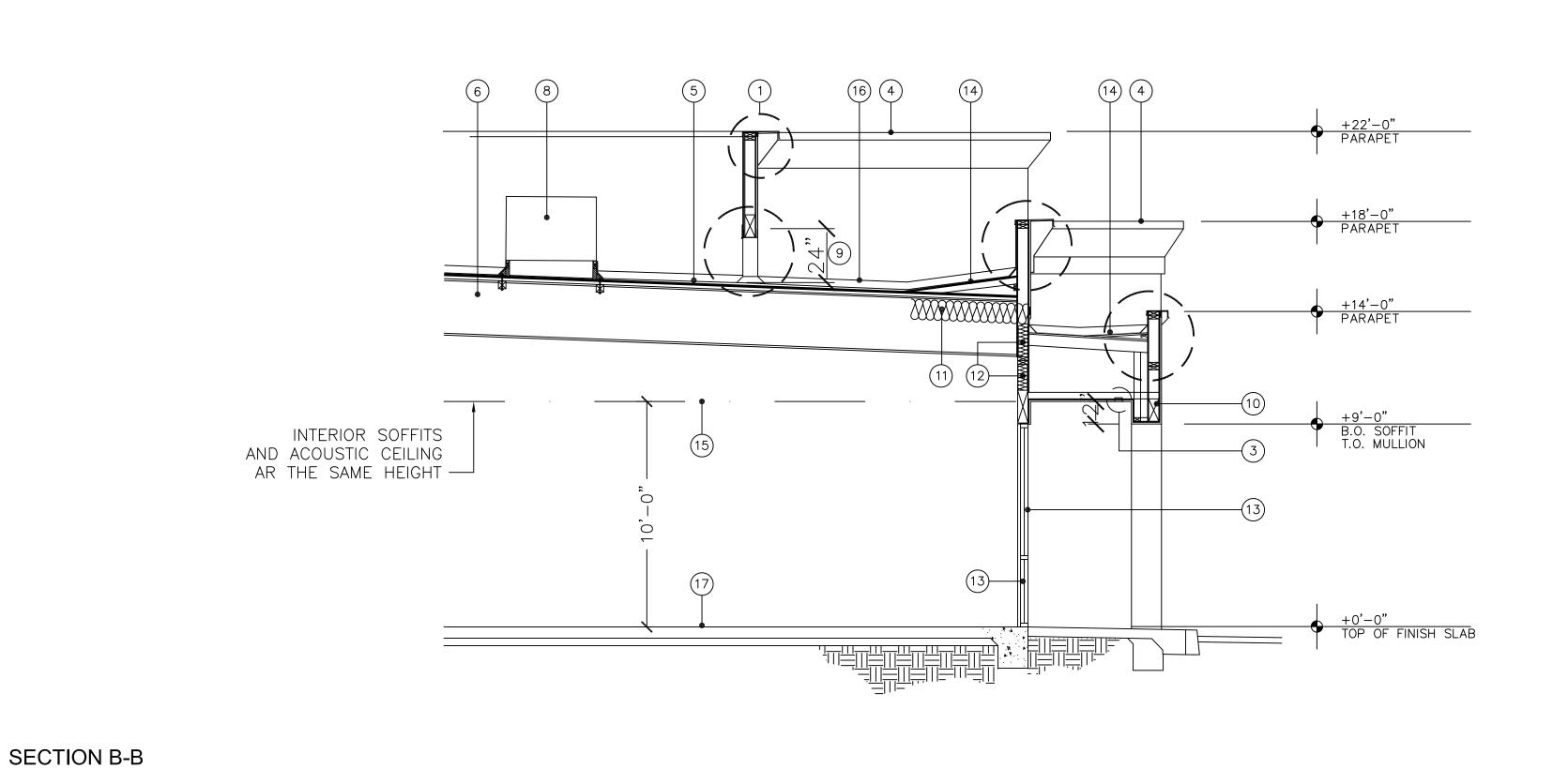
### SECTION A-A

SCALE: 1/4" = 1'

### KEYED BUILDING SECTION NOTES:

- 1) INDICATES EXISTING FOAM MOLDING. SEE DETAIL 3/A-2.
- (2) INDICATES EXISTING 1/2" CDX PLYWOOD OR 5/8" TYPE 'X' GYPSUM BOARD DRAFTSTOP TO DIVIDE SOFFIT AREAS INTO LENGTHS LESS THAN 60 FEET. SEE ROOF PLAN FOR LOCATION.
- 3) INDICATES EXISTING CONTINUOUS 4" GSM SOFFIT VENT SCREED. PAINTED WITH 2 COATS ENAMEL TO MATCH STUCCO.
- (4) INDICATES TOP OF EXISTING PARAPET BEYOND.
- 5) INDICATES EXISTING 4 PLY, ROOFING SYSTEM WITH PLYWOOD SHEATHING.
- 6 INDICATES EXISTING ROOF TRUSSES.
- 7) INDICATES EXISTING 2" WIDE GSM SCREED AT 4 SIDES OF COLUMN.
- 8 INDICATES EXISTING CURB LOCATION FOR MECHANICAL UNIT.
- 9 INDICATES EXISTING DRAINAGE SCUPPER LOCATION.
- (10) EXISTING 2 X 6 FIRE BLOCKING AT MAX. 10'-0" INTERVALS IN FRAMED WALLS.
- 11) INDICATES EXISTING R-19 INSULATION AT ROOF DECK.
- 12 INDICATES EXISTING R-19 INSULATION FROM SLAB TO UNDERSIDE OF ROOF DECK ABOVE.
- (13) INDICATES EXISTING 1/4" CLEAR GLAZED STOREFRONT SYSTEM.
- (14) EXISTING ROOF CRICKET.
- (15) INDICATES EXISTING AND NEW PLANE OF SUSPENDED CEILING AND SOFFITS
- (16) INDICATES EXISTING CANT STRIP BEYOND.
- (17) INDICATES EXISTING 4" THICK CONCRETE SLAB.
- INDICATES EXISTING 2' VOID IN SLAB FOR SEWER LINE FILLED WITH GRAVEL TO BOTTOM OF ADJACENT SLAB AND KEYED EDGE.
- (19) INDICATES KEYED EDGE. 9' HIGH SOFFIT RETURN AT CANOPY ENDS.

SCALE: 1/4" = 1'



NEISIG BUILDING DEPARTMENT SDICTION CITY OF VISALIA ADDRESS: 315 E. ACEQUIA AVE. VISALIA, CA 93291 PHONE: \_\_\_ 559-713-4444 BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES ADDRESS: 1155 W. SHAW #104 FRESNO, CA 93711 PHONE: 559-222-5768 TENANT STANTON OPTICAL <u>ADDRESS:</u> 3801 CONGRESS AVE. ► PALM SPRINGS, FL 33461 PHONE: **□** 561-275-2020 CONTRACTOR <u>COMPANY:</u> T.B.D. NAME: ADDRESS: PHONE: CONSTRUCTION SITE SITE ADDRESS: 3530 S. MOONEY BLVD. VISALIA, CA 93277 SITE APN: 122-290-026-000 DRAWING INFORMATION REVISION DATE

12-29-14

FILE NAME:

」N.T.S.

DRAWING SCALE:

| 14-1010-STANTON-VISALIA



BUILDING DEPARTMENT <u>NO</u> CITY OF VISALIA ADDRESS:

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**─** 561−275−2020 CONTRACTOR

<u>COMPANY:</u> T.B.D. NAME:

ADDRESS:

PHONE:

CONSTRUCTION SITE

3530 S. MOONEY BLVD. VISALIA, CA 93277 SITE APN:

122-290-026-000 DRAWING INFORMATION

<u>REVISION DATE</u> 12-29-14 FILE NAME:

14-1010-STANTON-VISALIA 

#### **ICC-ES EVALUATION REPORT** ESR-1222 (DESIGN CATEGORY D) **SYSTEM SUMMARY** SUSPENSION SYSTEM DUTY RATING HEAVY 7/8" WALL MOLDING SEISMIC CLIP 3/4", 1/2" OR 3/8" GAP; ACM7 SEISMIC TWO ADJACENT FIXED SIDES (FLOATING CLÍP WITH ONE FASTENER THROUGH WALL MOLDING (OPTIONAL) AND NO FASTENER ATTACHMENT TO TEE TIGHT, NO GAP: ACM7 SEISMIC CLIP WITH ONE TWO ADJACENT FIXED SIDES (TIGHT WALL) FASTENER THROUGH WALL MOLDING (OPTIONAL) AND ONE FASTENER ATTACHMENT TÒ TEE 8" MAX FROM EDGE OF WALL (ALL PERIMETER HANGER WIRES RUNNERS)

STABILIZER BARS

ALL MAIN DONN SUSPENSION SYSTEMS -- DX/DXL, FINELINE DXF, FINELINE 1/8 DXFF, CENTRICITEE DXT/DXLT, CE,DXW,DXIA, AND ZXLA--INCLUDE THE CODE COMPLIANT INTERMEDIATE-DUTY AND HEAVY-DUTY MAIN TEES FOR SEISMIC DESIGN CATEGORIES C, D, E, AND F.

NONE

FOR CEILING AREAS EXCEEDING 2,500 SQ. FT. A SEISMIC SEPARATION JOINT MAY BE REQUIRED. SEE PAGE 16 FOR INFORMATION ON SEISMIC SEPARATION JOINTS.

THE PERFORMANCE OF DONN SEISMIC SYSTEMS IS BASED ON THE SPECIFIC COMBINATION OF SUPERIOR COMPONENTS, AND DESIGN AND INSTALLATION METHODS SHOWN. COMPONENTS FROM OTHER MANUFACTURERS WERE NOT EVALUATED, AND THEIR USE OR ANY

MIXED USE IS NOT RECOMMENDED. CONVENIENCE HOLES LOCATED IN THE TEE BULB MAY BE USED FOR ANY AND ALL HANGER WIRES.

### **VERTICAL SUPPORT:**

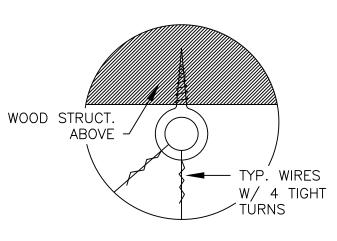
12 GAUGE WIRES 4' ON CENTER WITHIN 8" OF EACH WALL. HANGER WIRES TO BE WITHIN 1:6 OF PLUMB UNLESS COUNTER SLOPING WIRES ARE PROVIDED.

LATERAL BRACING:

12 GAUGE WIRE, 4 WIRES SECURED WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPLAYED 90 FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURE MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THESE 4 WIRE BRACING POINTS TO BE WITHIN 6' OF EACH WALL AND 12' O.C. IN EACH DIRECTION. FOR TILE CEILINGS, ENDS OF MAIN RUNNERS AND CROSS MEMBERS SHALL BE TIED TOGETHER TO PREVENT THEIR SPREADING.

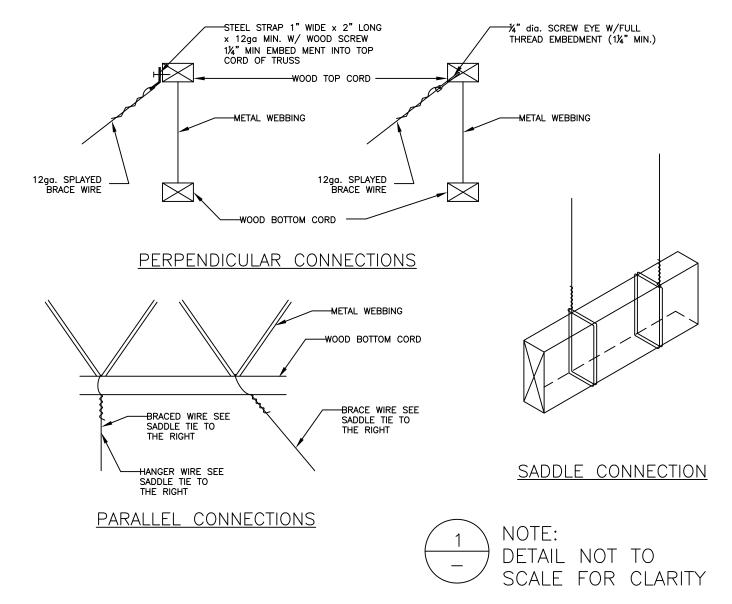
MECHANICAL SERVICES: CEILING MOUNTED AIR TERMINALS POSITIVELY ATTACHED TO THE CEILING RUNNERS. TERMINALS WEIGHING MORE THAN 20 POUNDS SHALL BE INSTALLED AS PER

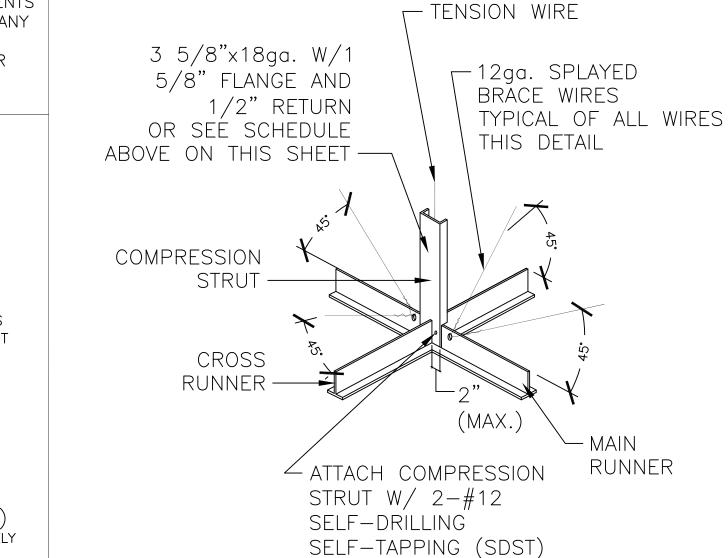
LIGHT FIXTURE.



LIGHTING FIXTURES

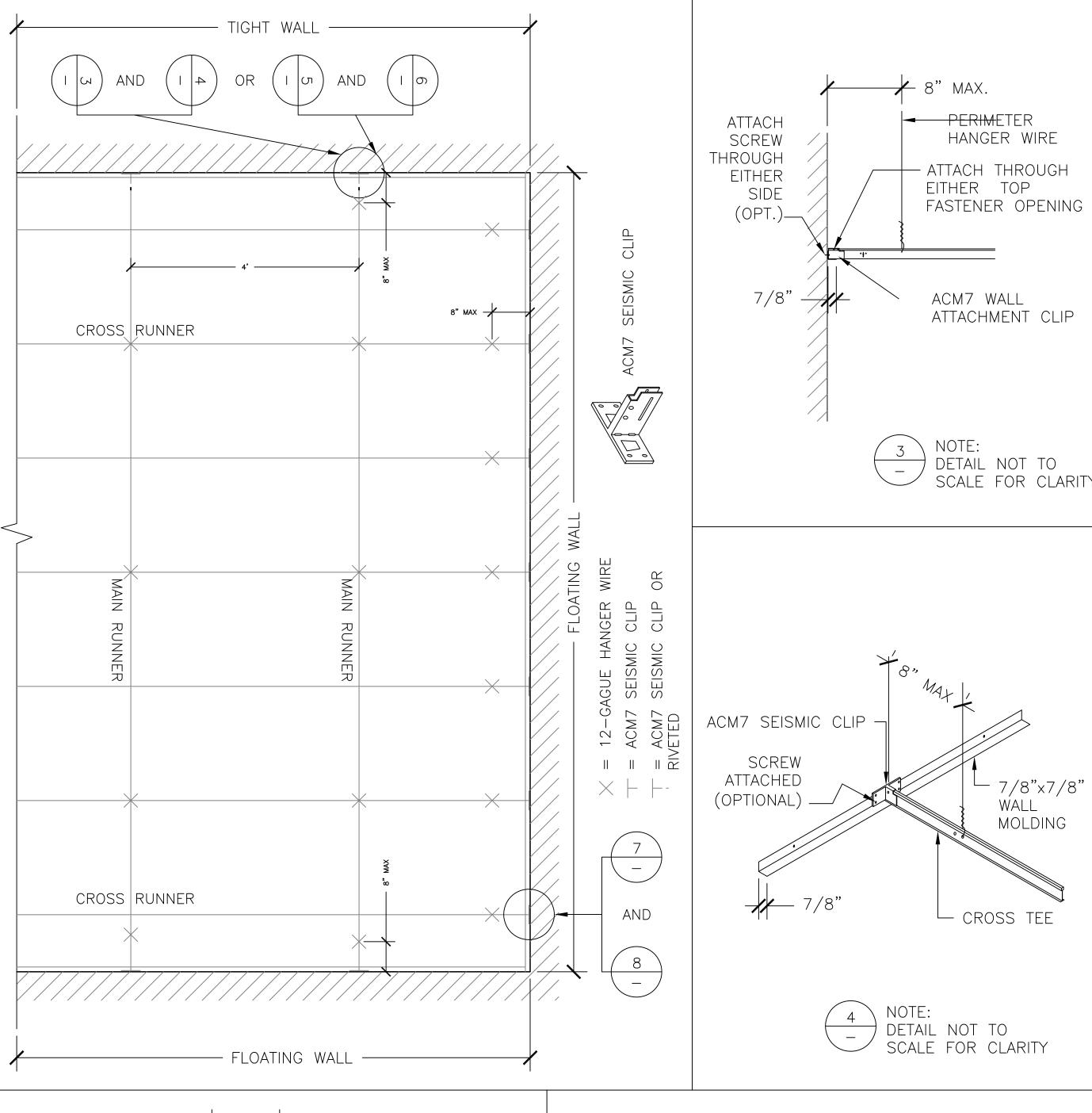
("Intermediate" systems) ALL LIGHTING FIXTURES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM. NO. 12 GAUGE HANGERS SHALL BE ATTACHED TO THE GRID MEMBERS WITHIN WEIGHING LESS THAN 20 POUNDS SHALL BE 3" OF EACH CORNER OF EACH FIXTURE. IN ADDITION TO THE ABOVE, PROVIDE TWO NO. 12 GAUGE HANGERS CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK.

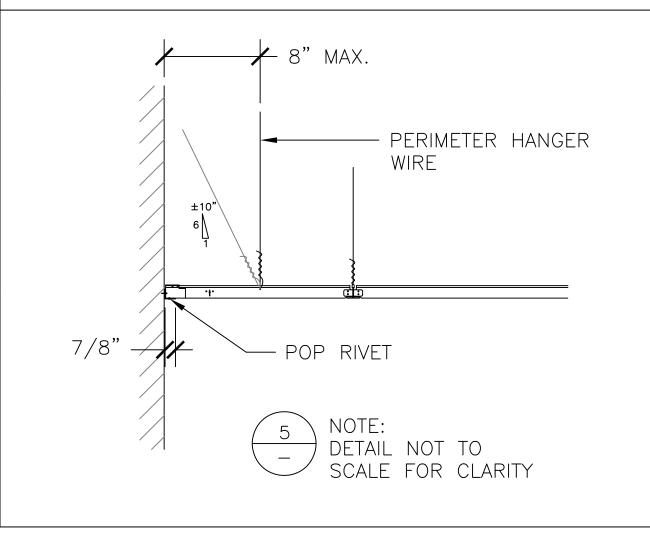


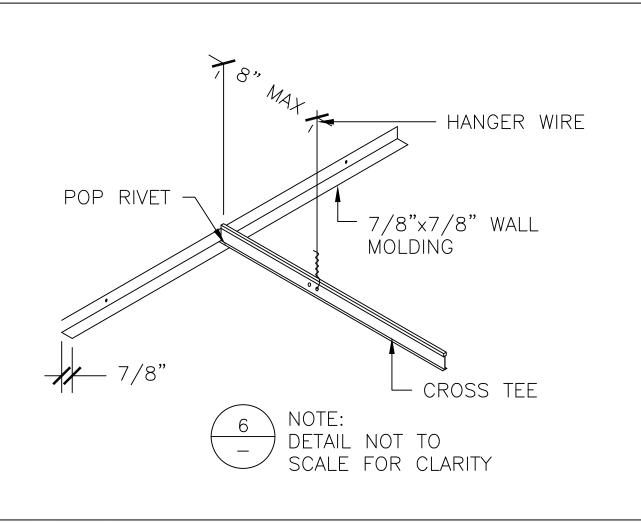




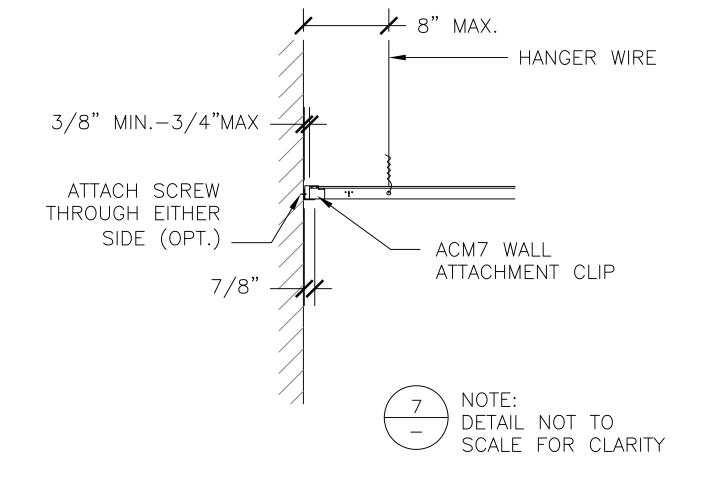
NOTE: LATERAL BRACING 6'-0" OR LESS FROM WALL - 12'-0" ON CENTER (VERIFY EXISTING OR PROVIDE NEW)

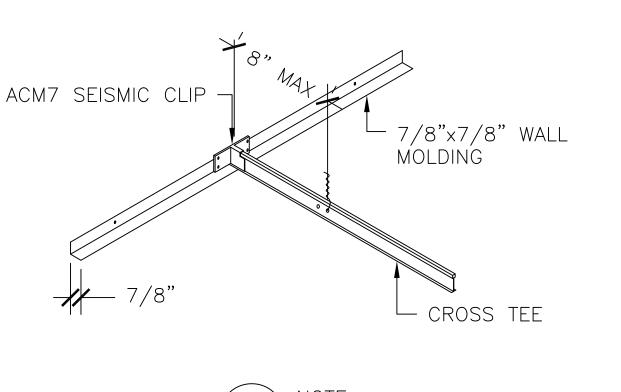




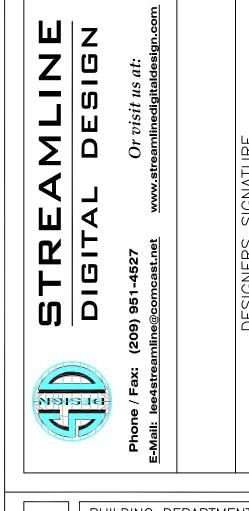


FLAT HEAD SCREWS





DETAIL NOT TO SCALE FOR CLARITY







_	<u>NAME:</u> STANTON OPTICAL
Z	STANTON OFFICAL
I ≰	ADDRESS:
TENANT	3801 CONGRESS AVE.
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	PHONE:
	561-275-2020

	CONTRACTOR
	COMPANY:
	T.B.D.
	NAME:
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2. EXTERIOR LAMPS SHALL HAVE AN EFFICACY OF AT LEAST 60 LUMENS/WATT PER TITLE-24.

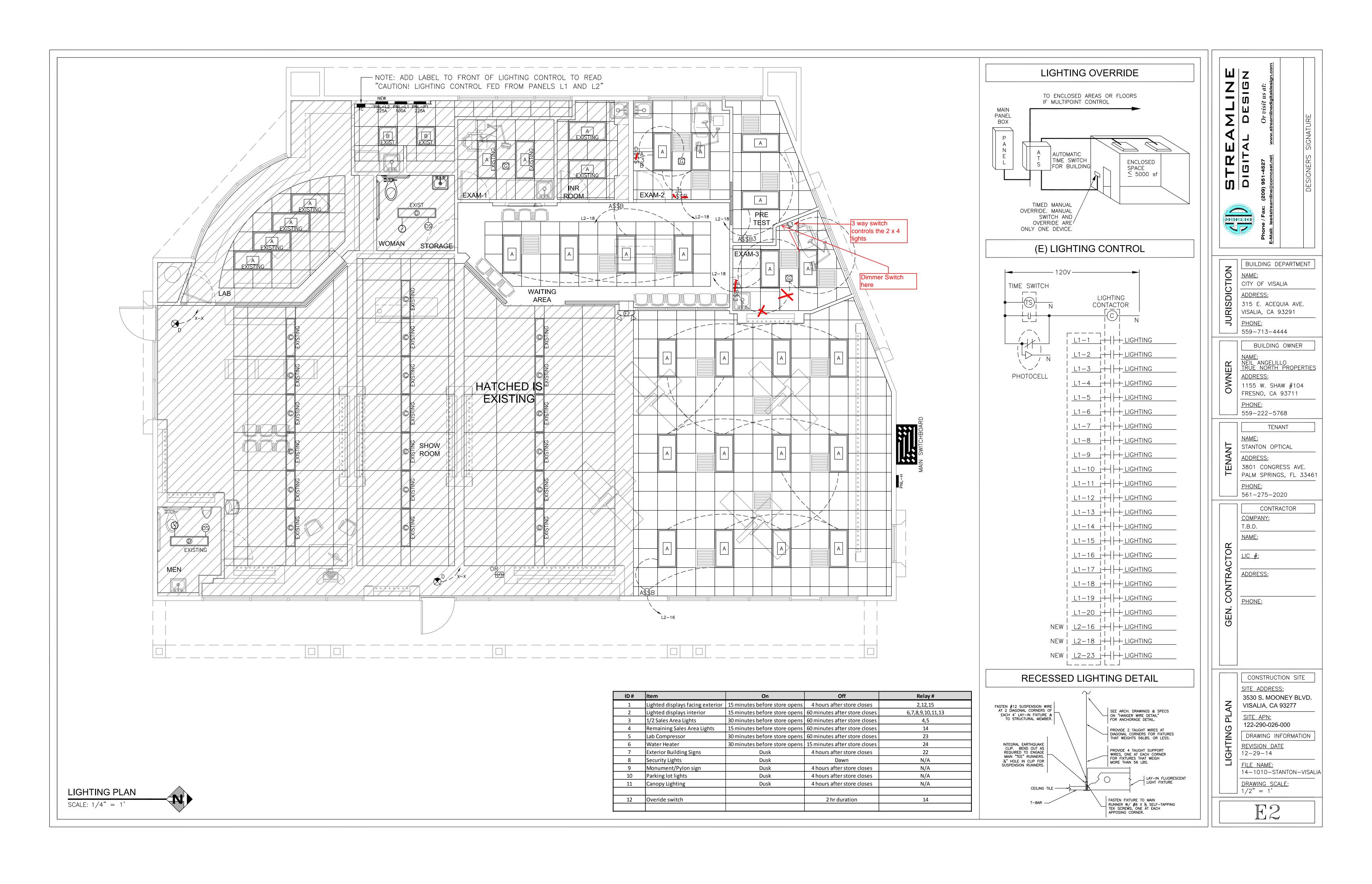
PROVIDE MFG SPEC. TO BLDG DEPT IF REQUIRED.

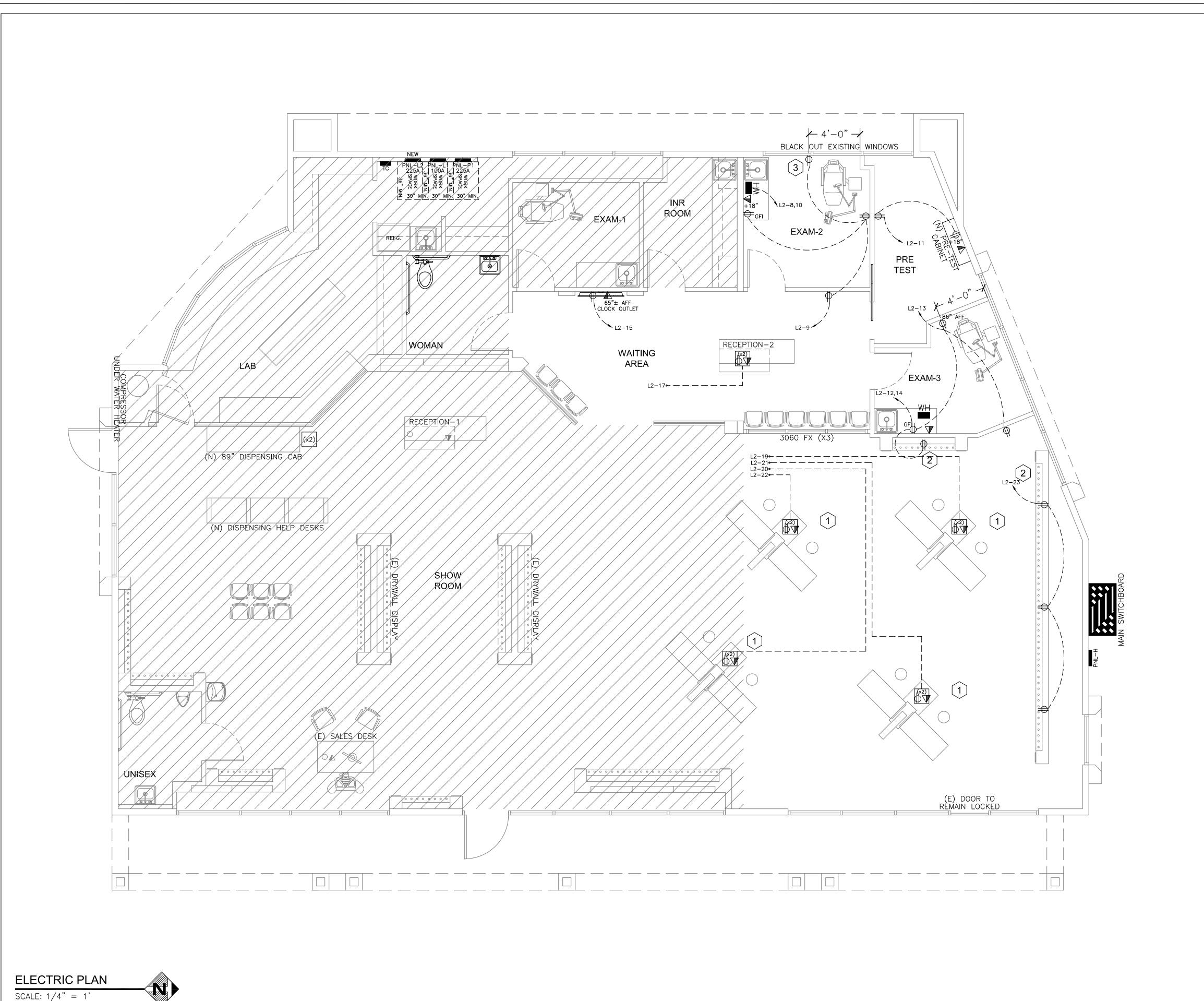
3. EMERGENCY LIGHTING FIXTURES SHALL PROVIDE 1.0 FC AT FLOOR LEVEL WITH BATTERY POWER.

	LU	JMINAIRE SCHEDULE	
	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: LAMP: INPUT WATTS: MANUFACTURERS:	A 2'X4' RECESSED FLUORESCENT WHITE ENAMEL AND COLD—ROLLED STEEL #12 ACRYLIC DIFFUSER (1) 2—LAMP ELECTRONIC (2) F32T5 55 LITHONIA: #2GT8—2—32—A12—MVOLT—GEB10RS, OR EQUAL.	SYMBOL
EXISTING	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: LAMP: INPUT WATTS: MANUFACTURERS:	B 2'X2' RECESSED MOUNTED FLUORESCENT WHITE ENAMEL AND COLD—ROLLED STEEL #12 ACRYLIC DIFFUSER (2) 1—LAMP ELECTRONIC (2) F31T8U 69 LITHONIA: OR EQUAL.	SYMBOL
EXISTING	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: LAMP: INPUT WATTS: MANUFACTURERS:	C RECESSED FLUORESCENT WRAPAROUND 8.33"X48" W/ WHITE ENAMEL END PLATES FLAT GLASS (1) 1-LAMP ELECTRONIC (2) F32T8 62. LITHONIA #SB232-120GEB; OR EQUAL	SYMBOL
EXISTING	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: LAMP: INPUT WATTS: MANUFACTURERS:	D SURFACE FLUORESCENT WRAPAROUND 8.33"X48" W/ WHITE ENAMEL END PLATES FLAT GLASS (1) 1-LAMP ELECTRONIC (2) F32T8 62. LITHONIA #SB232-120GEB; OR EQUAL	SYMBOL
EXIT	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: NOTE: LAMP: INPUT WATTS: MANUFACTURERS:	E UNIVERSAL MOUNTED L.E.D. EXIT SIGN W/ BUNGEE @ 120 VOLT.  DIE CAST ALUMINUM HOUSING W/ BRUSHED FACEPLATE.  PROVIDE DIFFUSING LENS.  PROVIDE 90 MINUTE NICKEL CADIUM BATTERY BACK-UP.  PROVIDE SELF DIAGNOSTIC.  RED L.E.D./HALOGEN  12 LITHUANIA LE ELN SERIES, SURE-LITES CX SERIES, HUBBELL, CHLORIDE, LSI LIGHTING; OR APPROVED EQUAL.	SYMBOL
	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: LAMP: INPUT WATTS: MANUFACTURERS:	F WALL MOUNTED EMERGENCY LIGHT WITH 90 MIN. BATTERY BACKUP 18-GUAGE STEEL HOUSING GLASS SEALED BEAM LAMPS (2) DUAL-VOLTAGE INPUT CAPACITY (120 OR 277 VOLTS) (2) 12-WATT INCANDESCENT GLASS SEALED BEAM LAMPS 50 LITHONIA ELT180; OR EQUAL	SYMBOL
	TYPE: DESCRIPTION: HOUSING: LENS: BALLAST: LAMP: INPUT WATTS: MANUFACTURERS:	G RECESSES CAN LIGHT WITH DIMMER BALLAST HEAVY GAUGE DIE FORMED GALVANIZED STEEL HOUSING TEMPERED PRISMATIC GLASS LENSE ELECTRONIC CLASS P THERMALLY PROTECTED BALLAST TRT 4-PIN 26 LITHONIA LF8N WITH DIMMING BALLAST	(G) SYMBOL

# OWNER WILL PROVIDE LIGHT FIXTURES







### **ELECTRIC NOTES**

- ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2013 CALIFORNIA ELECTRICAL CODE, AS ACCEPTED AND AMENDED BY LOCAL ORDINANCES.

  ALL WORK TO BE IN ACCORDANCE WITH REQUIREMENTS OF GOVERNING LOCAL FIRE CODES AND
- ANY EQUIPMENT AND MATERIALS FURNISHED BY THE CONTRACTOR SHALL BE NEW, UNUSED, AND
- FREE FROM DEFECTS.

  ALL WORK SHOWN ON DRAWINGS IS IN PART SCHEMATIC, INTENDED TO CONVEY SCOPE OF WORK
- WORK SHALL BE EXECUTED IN A CAREFUL AND ORDERLY MANNER WITH THE LEAST POSSIBLE DISTURBANCE TO PUBLIC AND TO OCCUPANTS OF EXISTING BUILDING.
- CONTRACTOR SHALL ASSUME SOLE RESPONSIBILITY FOR SAFETY OF ALL PERSONS ON OR ABOUT
  THE CONSTRUCTION SITE, IN ACCORDANCE WITH APPLICABLE LAWS AND CODES. GUARD ALL
  HAZARDS IN ACCORDANCE WITH THE SAFETY PROVISIONS OF THE LATEST MANUAL OF ACCIDENT
  PREVENTION PUBLISHED BY THE ASSOCIATED GENERAL CONTRACTORS OF AMERICA.
- FINAL ACCEPTANCE OF WORK IN PLACE SHALL BE SUBJECT TO APPROVAL BY OWNER OR THE OWNERS REPRESENTATIVE. INSTALLATION APPROVAL SHALL BE BASE ON APPROVED SUBMITTAL, SHOP DRAWINGS AND LOCAL INSPECTIONS.
- CLEAN ALL EXPOSED SURFACES AND NEW EQUIPMENT AFTER COMPLETION.

AND GENERAL LAYOUT.

- UNLESS OTHERWISE NOTED. RACEWAYS IN FLOOR SLABS SHALL BE PVC AND/OR PVC COATED MC CABLE UNLESS OTHERWISE NOTED.
- ALL INTERIOR OUTLET, JUNCTION AND PULL BOXES SHALL BE METALLIC, SIZED PER CODE FOR THE NUMBER OF CONDUCTORS THEREIN.
- ALL ELECTRICAL RACEWAYS SHALL BE CONCEALED IN THE WALLS AND ABOVE SUSPENDED CEILING OR BELOW RAISED FLOOR UNLESS OTHERWISE NOTED.

BRANCH CIRCUIT RACEWAY SHALL BE MC CABLE OR 1/2" ELECTRICAL METALLIC TUBING (EMT)

- ALL CONDUCTORS SHALL BE #12 THHN/THWN AWG MINIMUM, UNLESS NOTED OTHERWISE.

  ALL JUNCTION BOXES AND MECHANICAL EQUIPMENT REQUIRING ACCESS FOR SERVICE SHALL BE
- LOCATED OVER ACOUSTICAL CEILINGS, NO ACCESS HATCHES SHALL BE INSTALLED IN GYPSUM BOARD CEILINGS WITHOUT PRIOR APPROVAL BY DESIGNER. (NO EXCEPTION)
- NO COMBUSTIBLE MATERIALS SHALL BE USED IN THE PLENUM SPACE, INCLUDING ALUMINUM FLEX ALUMINUM CONDUIT, AND POT METAL CONNECTORS.
- CONDUIT ABOVE CEILING MUST BE A MINIMUM OF 12" ABOVE THE CEILING.

  PROVIDE FULLY CONCEALED SPRINKLERS IN GYP. BOARD CEILINGS IF REQUIRED.
- LOCATIONS OF CEILING DEVICES AS AIR DIFFUSERS, GRILLES, LIGHT FIXTURES, ETC., SHALL BE AS SHOWN ON THE REFLECTED CEILING PLAN. WHERE DISCREPANCIES IN LOCATION OCCUR, THE PROPOSED FLOOR PLAN SHALL GOVERN. NOTIFY DESIGNER OF ANY DISCREPANCIES FOR
- PLACEMENT OF LIGHT FIXTURES IN AREAS WHERE MAIN DUCTS MAY CAUSE INTERFERENCE MUST BE APPROVED BY DESIGNER PRIOR TO INSTALLATION.
- FIELD VERIFY ALL CLEARANCES OF DUCTS, PIPES, SPRINKLERS, ETC., AND NOTIFY DESIGNER OF ANY CONFLICTS PRIOR TO INSTALLATION OF LIGHTS ETC.
- VERIFY ACTUAL CEILING GRID LOCATION AND NOTIFY THE LOCAL FIRE MARSHAL OF ANY DISCREPANCIES.
- LOCATE RECESSED DOWN LIGHTS, WALL, WASHERS, SMOKE DETECTORS, EXIT SIGNS, SPEAKERS, FIRE SPRINKLERS, ETC., IN CENTER OF 24" X 24" CEILING TILES OR IN CENTER OF 24" X 24" PORTION OF 24" X 48" CEILING TILES, UNLESS NOTED OTHERWISE.
- FOR SPECIFICATIONS OF NEW BUILDING STANDARD LIGHT FIXTURES, SWITCHES, EXIT SIGNS SEE ELECTRICAL DRAWINGS.
- ALL NEW FLUORESCENT LAMPS WILL BE BUILDING STANDARD, SAME COLOR AND MANUFACTURES.

  PROVIDE SWITCHES AND LIGHT SENSORS FOR OPEN AREAS AND PRIVATE OFFICES. ACTUAL LOCATION
- OF ALL SWITCHES TO BE PROVIDED ON ELECTRICAL DRAWINGS.

  PLACE ALL LIGHT SENSORS @ 36" A.F.F., UNLESS NOTED OTHERWISE.
- MOUNT LIGHT SENSORS WITHIN 12" OF EDGE OF DOOR SWING AND MAINTAIN CONSISTENT\
  DIMENSION THROUGHOUT.
- PROVIDE BACK-UP POWER FOR EXIT SIGNS
- EMERGENCY LIGHTING SHALL BE 2 SEPARATE SOURCES OF POWER AND SHALL COMPLY WITH ARTICLE 700 OF THE 2013 C.E.C.

# ELECTRIC KEYNOTES

- 1 FLOOR BOX WITH POWER AND DATA
   1 \frac{1}{4}" CONDUIT FOR DATA
  - $-\frac{1}{2}$  CONDUIT FOR POWER
- 2 CONTROL THRU LCP
- 3 FACE DOWN IN CEILING TILE

NOTE: OUTLETS TO BE MOUNTED HORIZONTAL 6"
DOWN FROM TOP OF RECESS

STREAMLINE
DIGITAL DESIGN

Phone / Fax: (209) 951-4527

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CONSTRUCTION SITE

SITE ADDRESS:

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VISALIA, CA 93277

SITE APN: 122-290-026-000

DRAWING INFORMATION

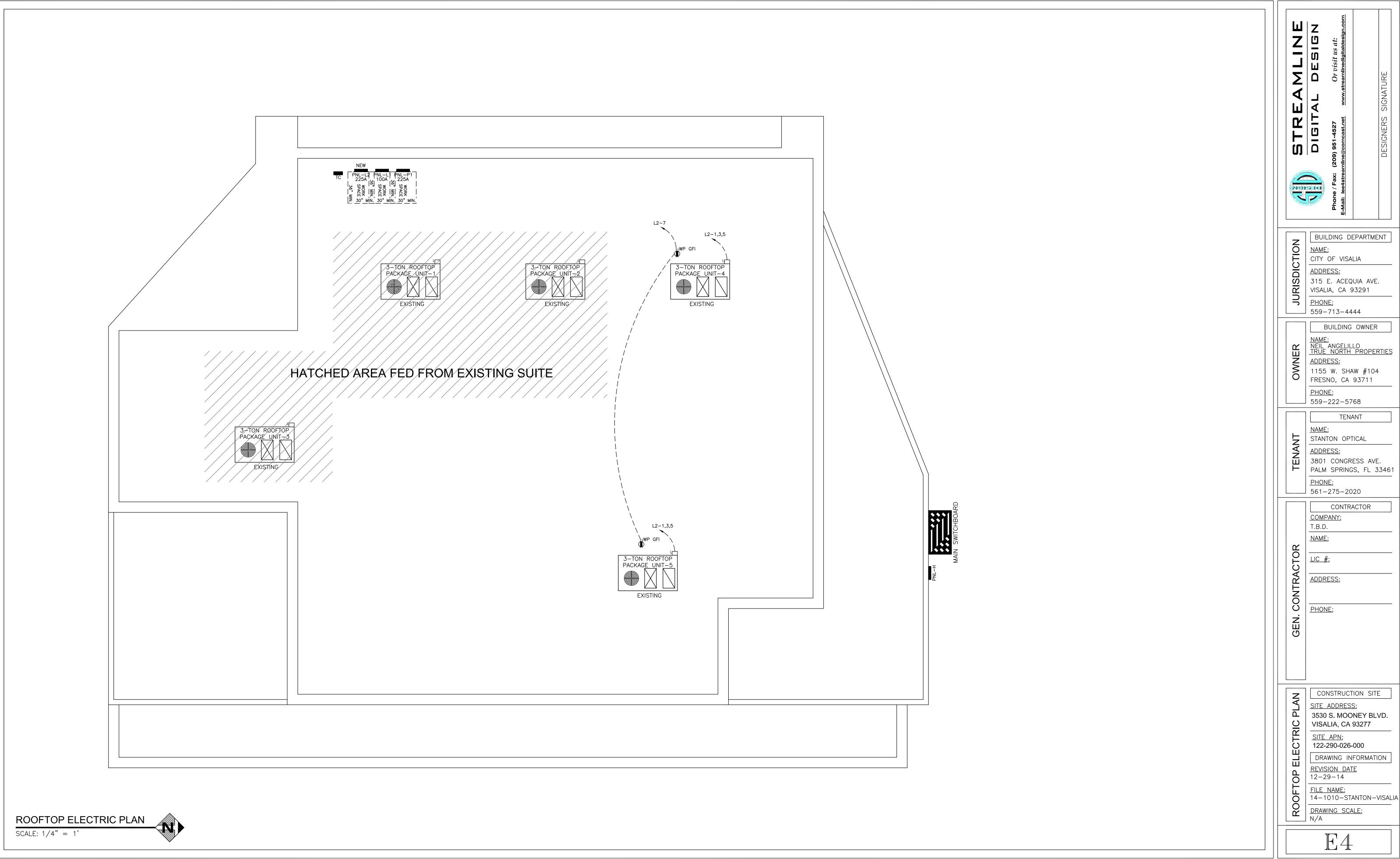
REVISION DATE

12-29-14

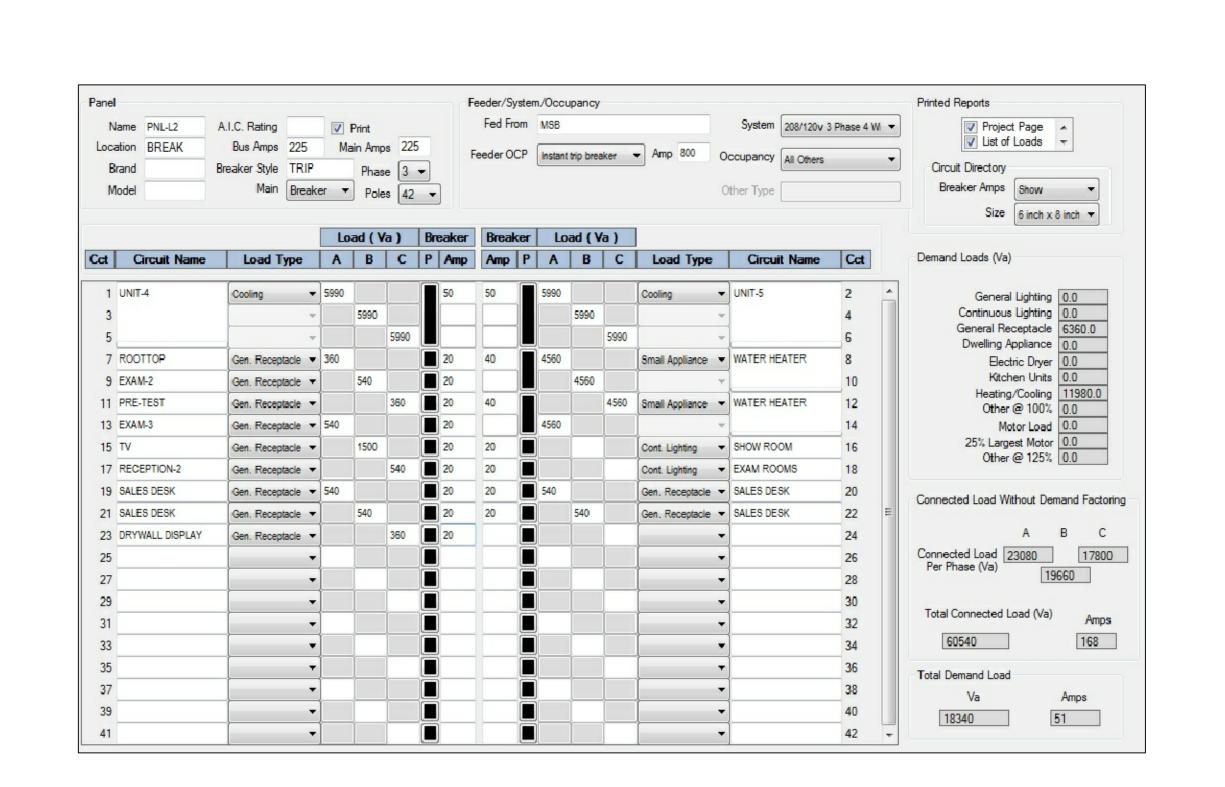
FILE NAME: 14-1010-STANTON-VISALIA

DRAWING SCALE:
1/4" =1'

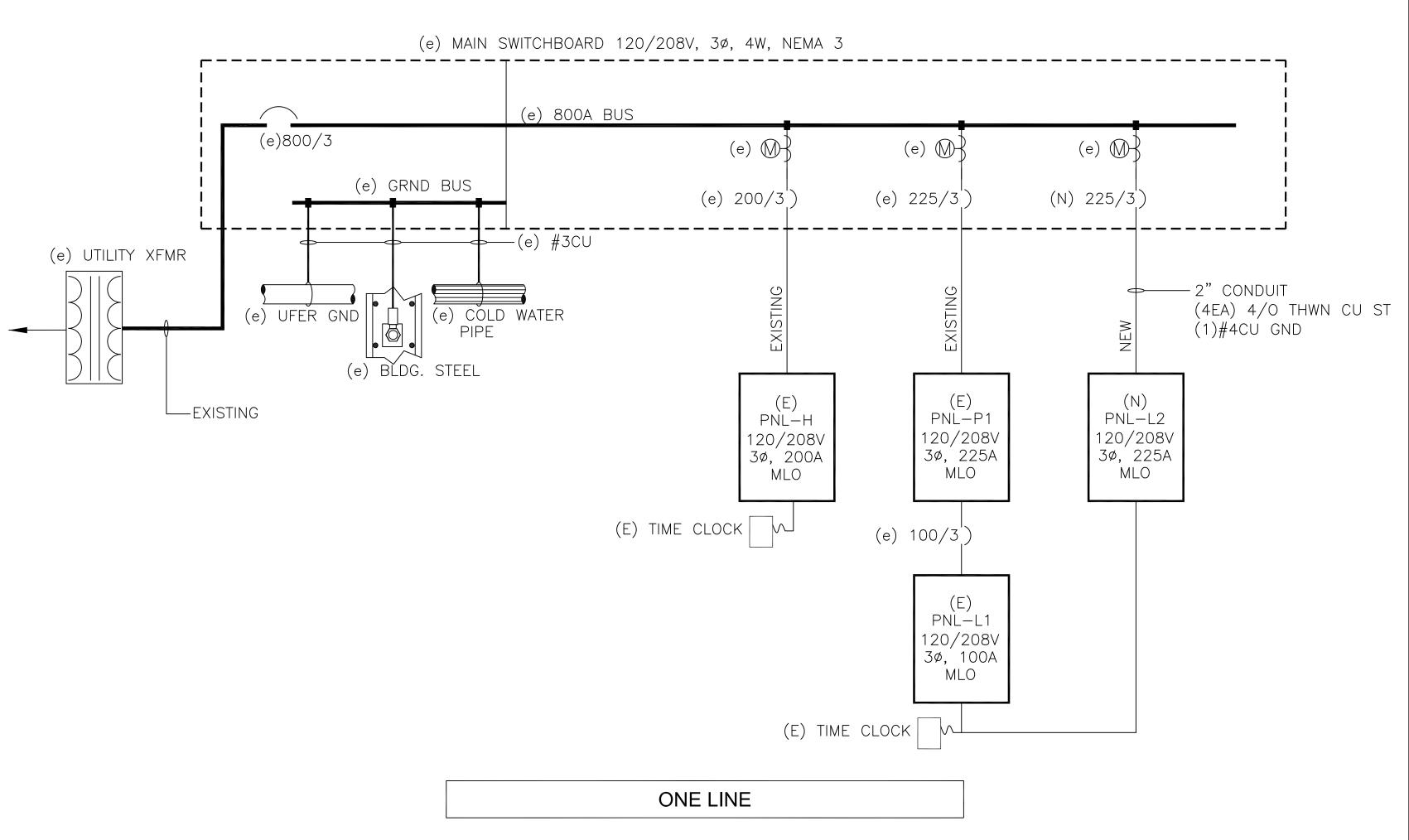
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NEIL ANGELILLO TRUE NORTH PROPERTIES

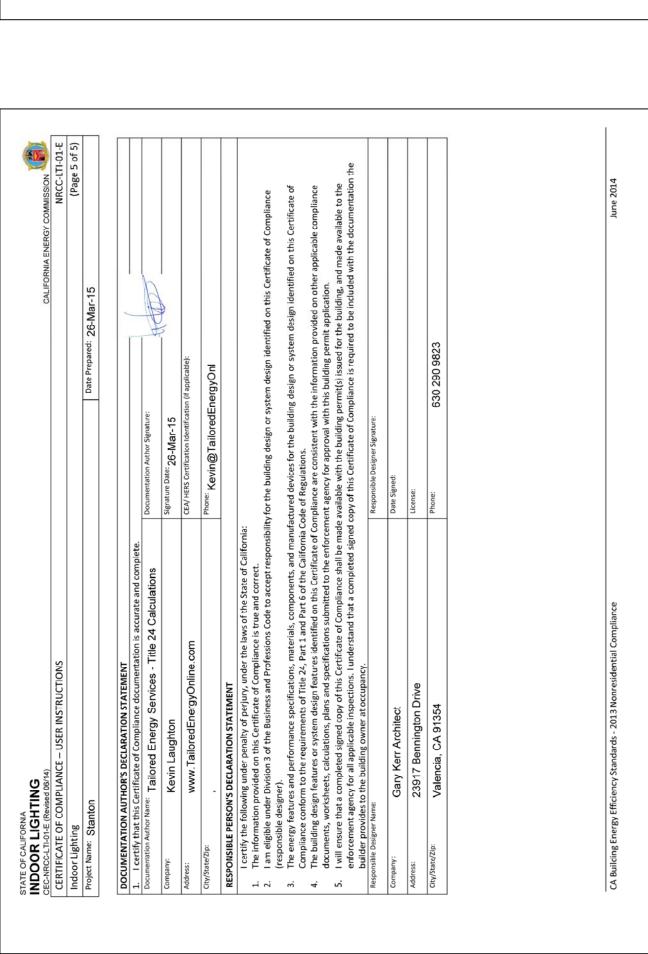


**NEW PANEL-L2** 



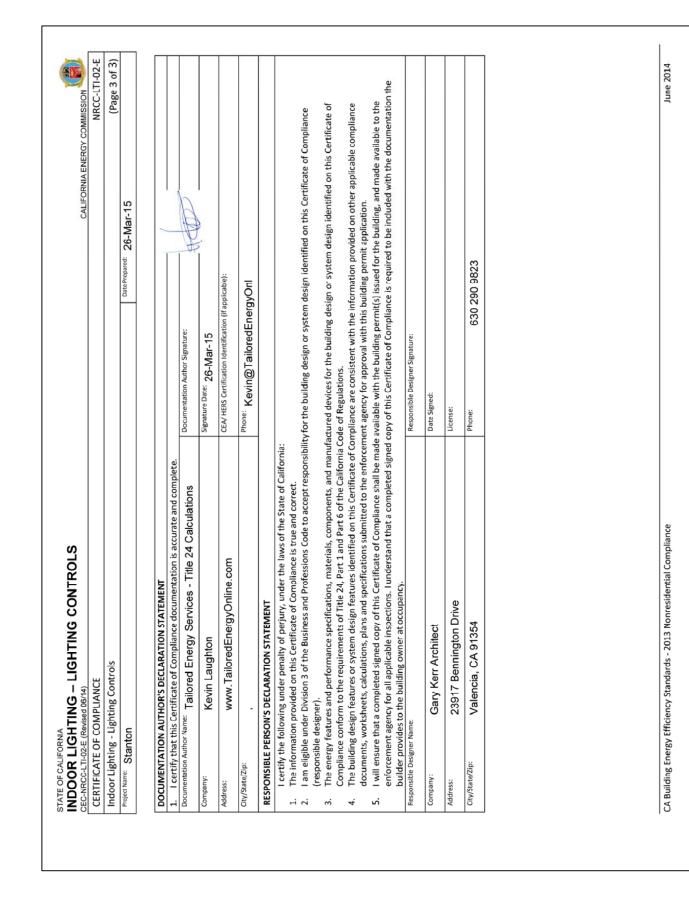


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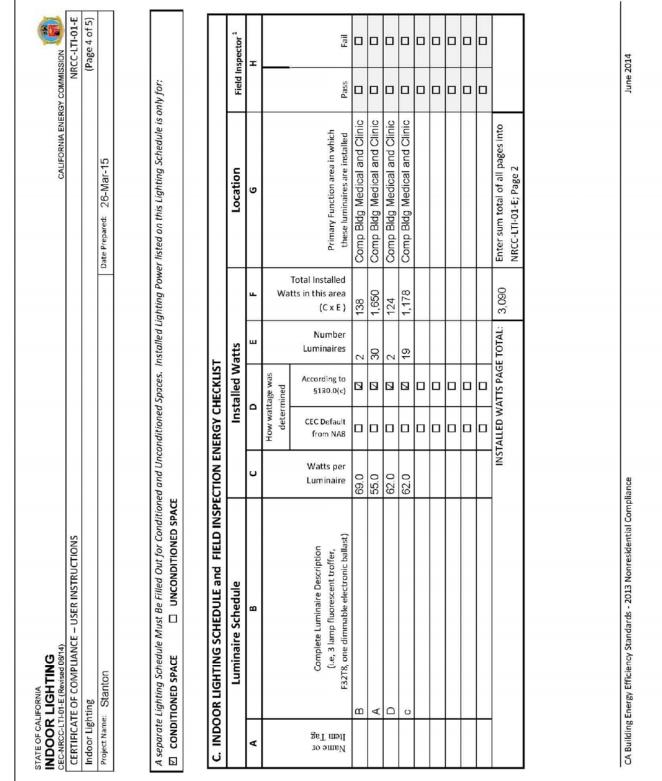
CEC-NRC	CALIFORNIA ENERGY COM
CERTIFI	CERTIFICATE OF COMPLIANCE  NRCC-LTI-02-E Indicating Lighting Controls  (22-2-2)
Project Name:	(Page 1 of 5) Starton Starton
The NI	The NRCC-LTI-02-E shall be used to document all mandatory and prescriptive lighting controls that are applicable to the project.
Mand	Mandatory Lighting Control Declaration Statements (Indicate if the measure applies by checking yes or no below.)
YES	NO Control Requirements
	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 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 \$110.9 and \$130.0. Additionally, an Installation Certificate shall be submitted in accordance with Section 130.4(b).
	A Track Lighting Supplementary Overcurrent Protection Panel shall be installed in accordance with Section 110.9 and Section 130.0. Additionally, an Installation Certificate shall be installed in accordance with Section 130.4(b).
	All lighting controls and equipment shall comply with the applicable requirements in §1.10.9 and shall be installed in accordance with the manufacturer's instructions in accordance with Section 130.1.
	All luminaires shall be functionally controlled with manually switched ON and OFF lighting controls in accordance with Section 130.1(a).
	General lighting shall be separately controlled from all other lighting systems in an area. Floor and wall display, window display, case display, ornamental, 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 130.1(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 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).
	Lighting in all Daylit Zones shall be controlled in accordance with the requirements in Section 130.1(d) and daylit zones are shown on the plans.
	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).
	Before an occupancy permit is granted for a newly constructed building or area, or a new lighting system serving a building, 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.

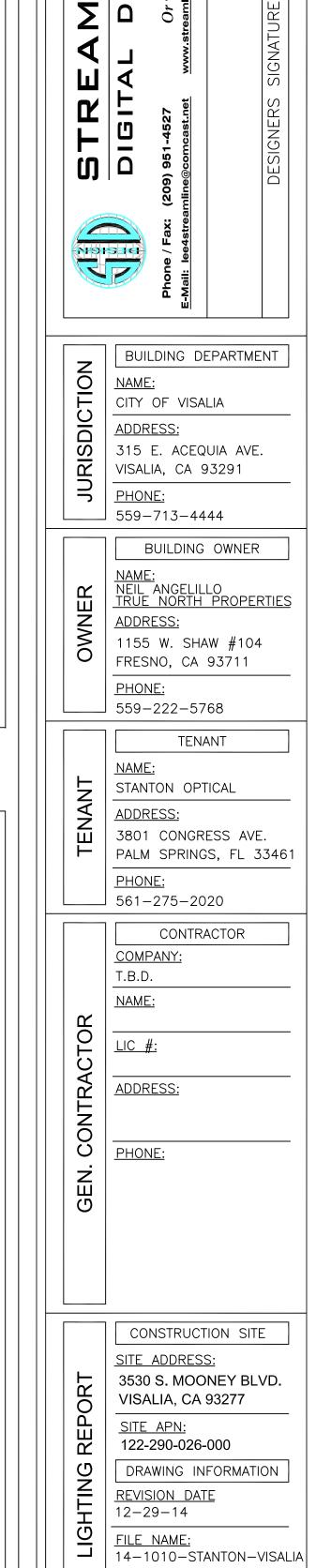
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	NRCI-LTI-04-E - Must be submitted for two interlocked systems serving an auditorium, a convention center, a	bmitted for two interlock	ed systems serving a	n auditorium, a conven	tion center, a	☐ Field Inspector
	conference room, a multip	multipurpose room, or a theater to be recognized for compliance	r to be recognized fo	- Por	-	
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	NRCA-LTI-03-A - Must be s	ubmitted for automatic c	aylight controls.			☐ Field Inspector
	NRCA-LTI-04-A - Must be submitted for demand responsive lighting controls.	ubmitted for demand res	ponsive lighting cont	rols.		☐ Field Inspector

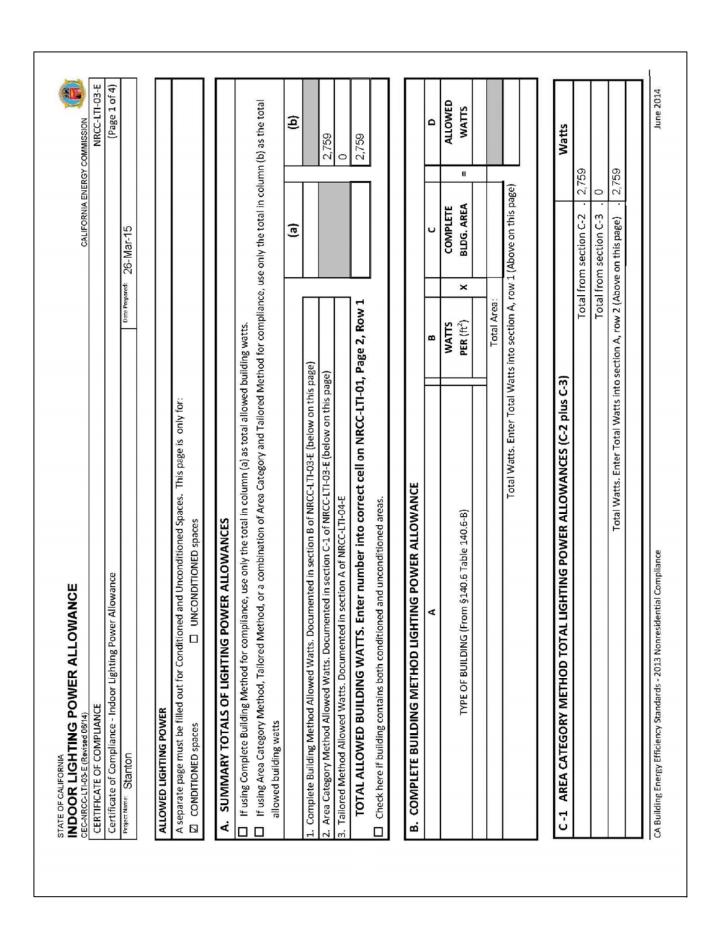
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DRAWING SCALE: N/A

LTG-1



STATE OF CALIFORNIA

Project Name: Stanton

CERTIFICATE OF COMPLIANCE

Track or Name #

Track or Name #

LINE-VOLTAGE TRACK LIGHTING WORKSHEET

☐ METHOD 1 – VOLT-AMPERE (VA) RATING OF THE BRANCH CIRCUIT(S)

has been installed. Use this worksheet to separately calculate the input wattage for each system.

☐ Separately enter each row of this worksheet into the Luminaire Schedule in section C of NRCC-LTI-01-E

(W/LF)

(W/LF)

12.5

12.5

Devices installed in the Panel

☐ Only integral current limiters which are certified to the Energy Commission shall be recognized by the Standards.

☐ METHOD 4 - DEDICATED TRACK LIGHTING SUPPLIMENTARY OVERCURRENT PROTECTION PANEL

☐ This method shall not be recognized if an Installation Certificate is not submitted.

☐ This method shall not be recognized if an Installation Certificate is not submitted.

Branch Circuit

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

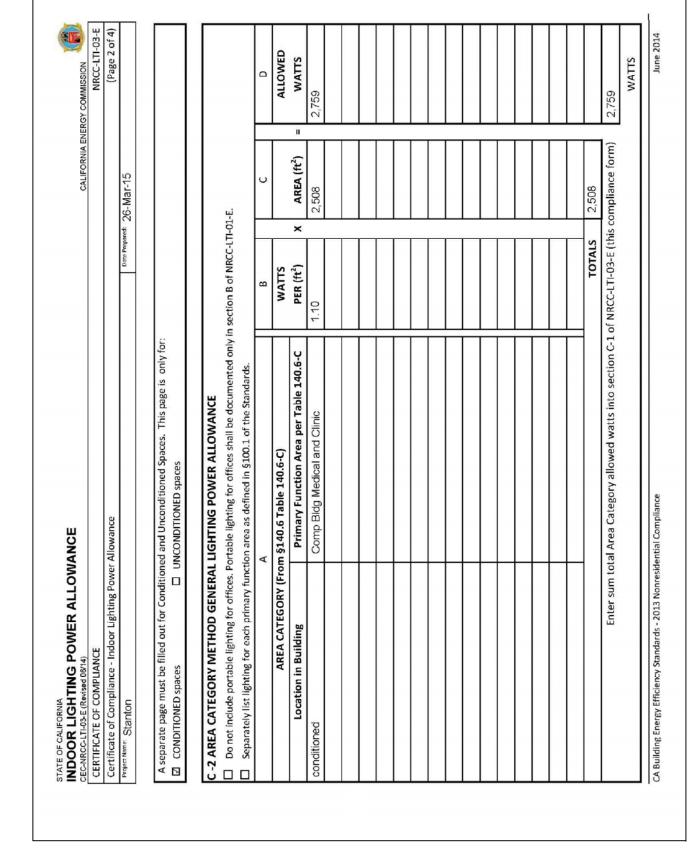
Track

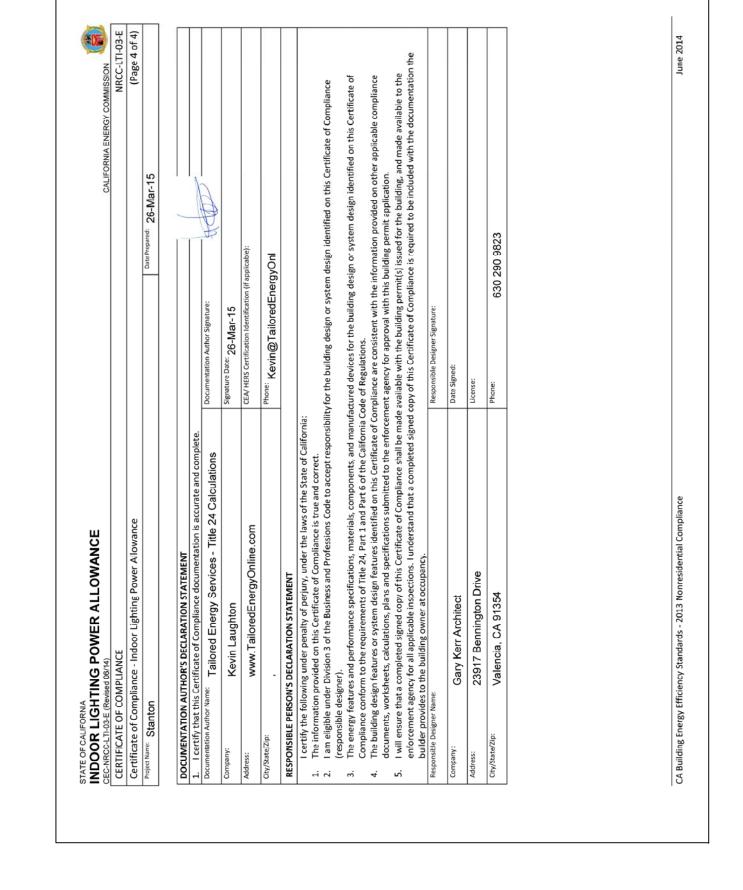
LUMINAIRES

Limiter

BRANCH CIRCUIT NAME OR ID

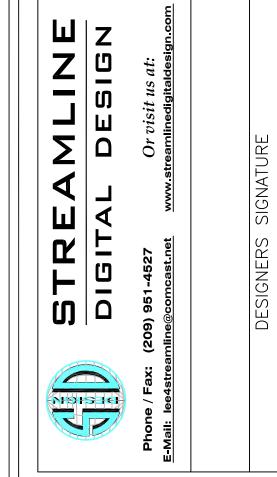
Indoor Lighting – Line-Voltage Track Lighting Worksheet







CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance



BUILDING DEPARTMENT <u>N</u> CITY OF VISALIA **ADDRESS:** 315 E. ACEQUIA AVE. VISALIA, CA 93291 \_\_\_\_ 559-713-4444

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES 1155 W. SHAW #104 FRESNO, CA 93711 <u>PHONE:</u> 559-222-5768

TENANT STANTON OPTICAL <u>ADDRESS:</u> ADDRESS:

3801 CONGRESS AVE.

► PALM SPRINGS, FL 33461 PHONE: 561−275−2020

CONTRACTOR

<u>COMPANY:</u> T.B.D. NAME:

June 2014

**ADDRESS:** 

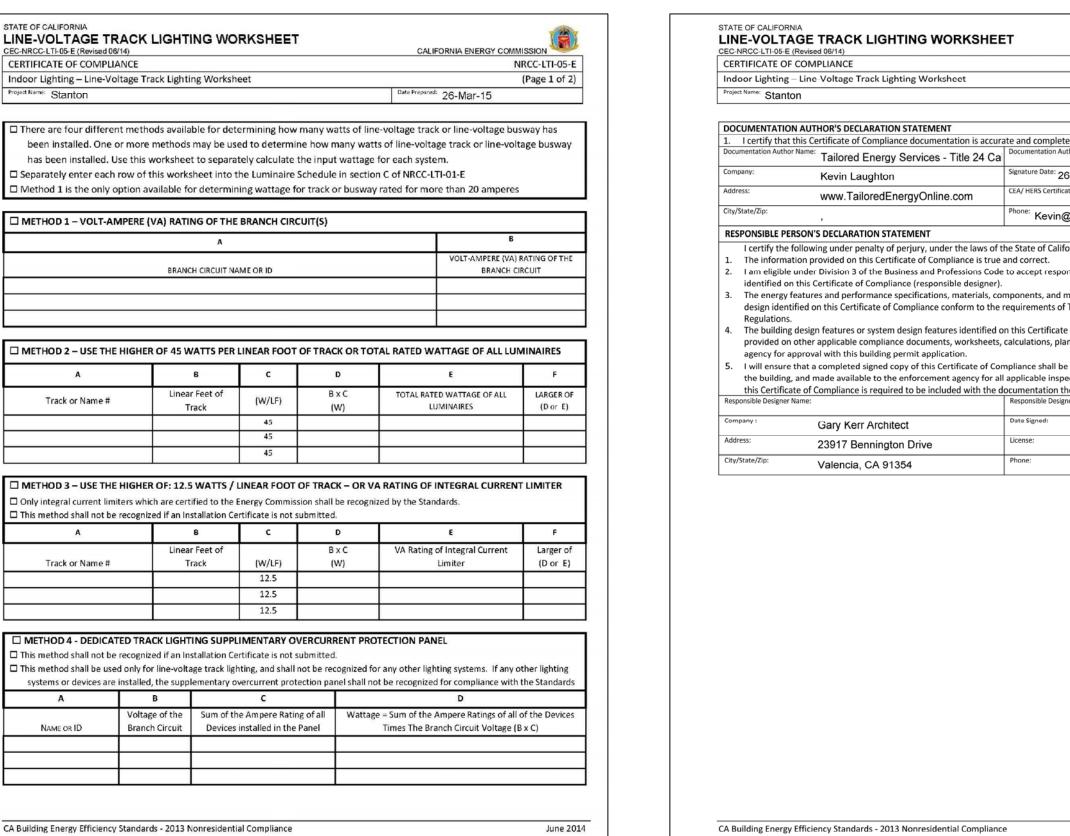
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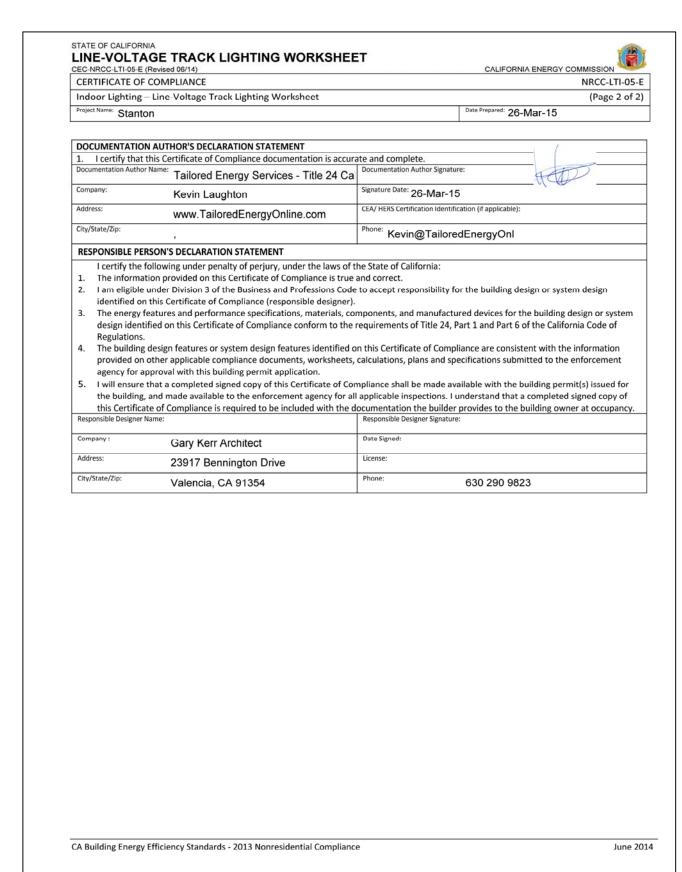
CONSTRUCTION SITE SITE ADDRESS: 3530 S. MOONEY BLVD. VISALIA, CA 93277

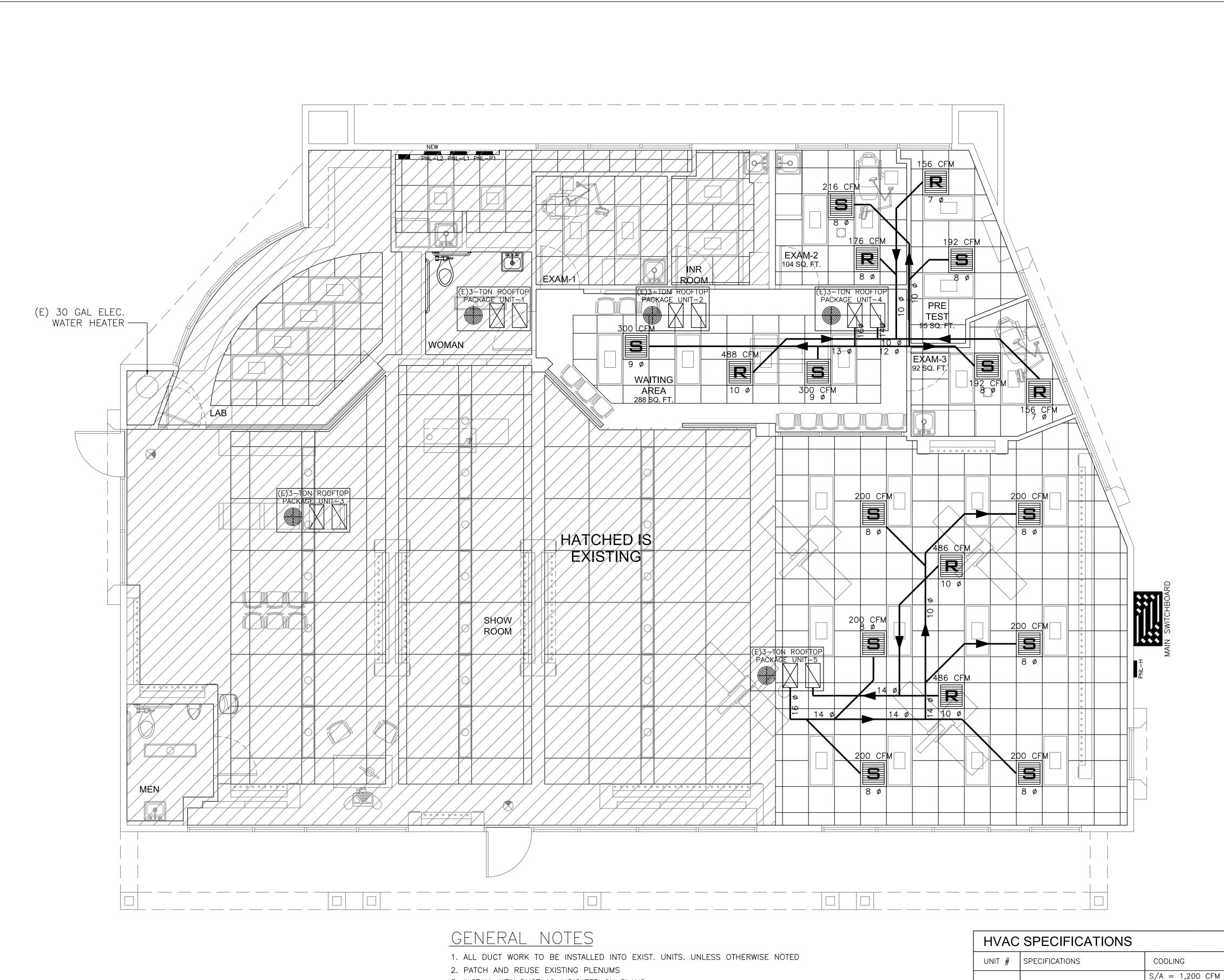
SITE APN: 122-290-026-000 DRAWING INFORMATION REVISION DATE

12-29-14 FILE NAME: 14-1010-STANTON-VISALIA

DRAWING SCALE: 」N∕A







### MECHANICAL NOTES

. PRIOR TO SUBMITTING BID, VISIT THE JOB SITE AND BECOME FULLY ACQUAINTED WITH THE EXISTING CONDITIONS OF THE PROJECT. REVIEW THE GENERAL NOTES, SPECIFICATIONS AND OTHER DRAWINGS FOR ADDITIONAL REQUIREMENTS WHICH MAY NOT BE SPECIFICALLY CALLED OUT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY DESIGNER, ENGINEER AND/OR OWNER OF CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

2. COORDINATE THE INSTALLATION OF THE MECHANICAL SYSTEMS WITH OTHER TRADES TO ENSURE A NEAT AND ORDERLY INSTALLATION. INSTALL DUCTWORK AND PIPING AS TIGHT TO STRUCTURE AS POSSIBLE. COORDINATE WITH OTHER TRADES AVOID CONFLICTS. COORDINATE INSTALLATION OF DUCTWORK AND PIPING TO CONFLICTS WITH ELECTRICAL PANELS, LIGHTING FIXTURES, ETC. ANY MODIFICATIONS REQUIRED DUE TO LACK OF COORDINATION WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO

3. DURING INSTALLATION OF NEW WORK, AVOID DAMAGING EXISTING SURFACES AND EQUIPMENT TO REMAIN. REPAIR DAMAGE CAUSED DURING CONSTRUCTION AT NO EXTRA COST TO THE OWNER. 4. ALL MECHANICAL EQUIPMENT SHOWN ON THE MECHANICAL PLANS SHALL BE PROVIDED BY THE MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED.

FIELD MEASURE FINAL DUCTWORK AND PIPING LOCATIONS PRIOR TO FABRICATION AND MAKE ADJUSTMENTS AS REQUIRED TO FIT THE DUCTWORK AND PIPING WITHIN THE AVAILABLE SPACE. VERIFY THAT FINAL EQUIPMENT LOCATIONS MEET MANUFACTURER'S RECOMMENDATIONS REGARDING SERVICE CLEARANCE AND PROPER AIRFLOW CLEARANCE ATONED EQUIPMENT.

5. NEW MECHANICAL EQUIPMENT, DUCTWORK AND PIPING ARE SHOWN AT APPROXIMATE LOCATIONS.

6. REFER TO DESIGNERURAL DRAWINGS FOR RELATED CONSTRUCTION DETAILS AS APPLICABLE TO THE HVAC SYSTEM. VERIFY CHASES AND PENETRATIONS SHOWN ON DESIGNERURAL DRAWINGS THAT ARE INTENDED FOR DUCTWORK AND PIPING MEET REQUIREMENTS.

7. COORDINATE LOCATION OF ROOF MOUNTED HVAC EQUIPMENT AND ROOF PENETRATIONS WITH THE DESIGNERURAL AND STRUCTURAL DRAWINGS.

8. INDOOR AIR QUALITY MEASURES: PROTECT INSIDE OF (INSTALLED AND DELIVERED) DUCTWORK AND HVAC UNITS FROM EXPOSURE TO DUST, DIRT, PAINT AND MOISTURE. REPLACE INSULATION THAT HAS GOTTEN WET AT ANY TIME DURING CONSTRUCTION, DRYING THE INSULATION IS NOT ACCEPTABLE. SEAL ANY TEARS OR JOINTS INTERNAL FIBERGLASS INSULATION. REMOVE DEBRIS FROM CEILING/RETURN AIR PLENUM INCLUDING DUST. AN INDEPENDENT, PROFESSIONAL DUCT CLEANING COMPANY SHALL VACUUM CLEAN ANY DUCTWORK CONNECTED TO HVAC UNITS THAT WERE OPERATED DURING TH PERIOD AFTER NEW FILTERS ARE INSTALLED AND PRIOR TO TURNING SYSTEM OVER TO THE OWNER.

9. INSTALL DUCTWORK AND PIPING PARALLEL TO BUILDING COLUMN LINES UNLESS OTHERWISE SHOWN

10. OVERHEAD HANGERS AND SUPPORTS FOR EQUIPMENT, DUCTWORK AND PIPING SHALL BE FASTENED TO BUILDING HOISTS OR BEAMS. DO NOT ATTACH HANGERS AND SUPPORTS TO THE ABOVE FLOOR SLAB

11. COORDINATE LOCATION OF EQUIPMENT SUPPORTS WITH LOCATION OF EQUIPMENT ACCESS PANELS/DOORS TO ENABLE SERVICE OF EQUIPMENT AND/OR FILTER REPLACEMENT. 12. SEAL PENETRATIONS THROUGH THE BUILDING COMPONENTS IN ACCORDANCE WITH THE CONTRACT SPECIFICATIONS. FIREPROOF PENETRATIONS THROUGH FIRE RATED COMPONENTS IN ACCORDANCE WITH

U.L. REQUIREMENTS. 13. COORDINATE THE EXACT MOUNTING SIZE AND FRAME TYPE OF DIFFUSERS, REGISTERS AND GRILLES WITH THE SUPPLIER TO MEET THE CEILING, WALL AND DUCT INSTALLATION REQUIREMENTS.

14. ADJUST LOCATION OF CEILING DIFFUSERS, REGISTERS AND GRILLES AS REQUIRED TO ACCOMMODATE FINAL CEILING GRID AND LIGHTING LOCATIONS. 15. LOCATE AND SET THERMOSTATS AND HUMIDISTAT AT LOCATIONS SHOWN ON PLANS. VERIFY EXACT LOCATIONS WITH DESIGNER PRIOR TO INSTALLATION. INSTALL DEVICES WITH TOP OF DEVICE AT MAXIMUM 48" AFF TO MEET ADA REQUIREMENTS UNLESS NOTED OTHERWISE ON PLANS. PROVIDE INSULATED BACKING FOR THERMOSTATS MOUNTED ON EXTERIOR BUILDING WALLS. INSTALL WIRING IN CONDUIT

16. COORDINATE THE LOCATION AND ELEVATION OF WALL-MOUNTED DEVICES WITH PRESENTATION BOARDS, DISPLAY CABINETS, SHELVES OR OTHER COMPONENTS SHOWN ON THE DESIGNERURAL DRAWINGS THAT ARE TO BE INSTALLED UNDER OTHER DIVISIONS. CONTRACTOR WILL NOT BE

REIMBURSED FOR RELOCATION OF WALL-MOUNTED DEVICES CAUSED BY A LACK OF COORDINATION. 17. PROVIDE A MANUAL BALANCING DAMPER IN EACH BRANCH DUCT TAKEOFF FROM MAIN SUPPLY, RETURN, OUTDOOR AND EXHAUST AIR DUCTS.

18. BRANCH DUCTWORK TO AIR OUTLETS SHALL BE SAME SIZE AS OUTLET NECK SIZE UNLESS OTHERWISE NOTED. 19. DUCT SIZES SHOWN ON DRAWINGS ARE NET FREE AREA. CONTRACTOR MAY USE ROUND DUCTWORK OF EQUIVALENT FREE AREA IN LIEU OF RECTANGULAR. INCREASE RECTANGULAR SHEET METAL SIZE AS

REQUIRED FOR LINER. REFER TO SPECIFICATIONS FOR INSULATION THICKNESS. 20. PROVIDE A NEW SET OF AIR FILTERS IN UNITS PRIOR TO TESTING, ADJUSTING AND BALANCING. AND BEFORE TURNING SYSTEM(S) OVER TO OWNER.

### MECHANICAL KEYNOTES

	INDEX
	= H.V.A.C. UNIT
	= SUPPLY GRILL (24 X 24)
R	= RETURN GRILL (24 X 24)
<b>←</b> ▶ ▲ ▼	= DIRECTION
R/A S/A	= RETURN AIR = SUPPLY AIR

= OUTSIDE AIR

UNIT-4 EXISTING 3-TON

UNIT-5 EXISTING 3-TON

R/A = 975 CFM

OSA = 225 CFM

R/A = 975 CFM

OSA = 225 CFM

S/A = 1,200 CFM

HDESTON

BUILDING DEPARTMENT CITY OF VISALIA 315 E. ACEQUIA AVE. VISALIA, CA 93291

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES <u>ADDRESS:</u>

J 559-713-4444

1155 W. SHAW #104 FRESNO, CA 93711

J 559−222−5768

TENANT

STANTON OPTICAL <u>ADDRESS:</u> 3801 CONGRESS AVE.

⊢ | PALM SPRINGS, FL 33461 PHONE:

**□** 561-275-2020 CONTRACTOR <u>COMPANY:</u>

T.B.D. NAME:

ADDRESS:

PHONE:

CONSTRUCTION SITE SITE ADDRESS:

3530 S. MOONEY BLVD. VISALIA, CA 93277 SITE APN:

122-290-026-000 DRAWING INFORMATION

REVISION DATE 12-29-14 FILE NAME:

14-1010-STANTON-VISALIA  $\begin{array}{ccc}
DRAWING & SCALE: \\
1/4" & = 1'
\end{array}$ 

2. PATCH AND REUSE EXISTING PLENUMS

3. INSTALL NEW DUCT AS INDICATED ON PLANS.

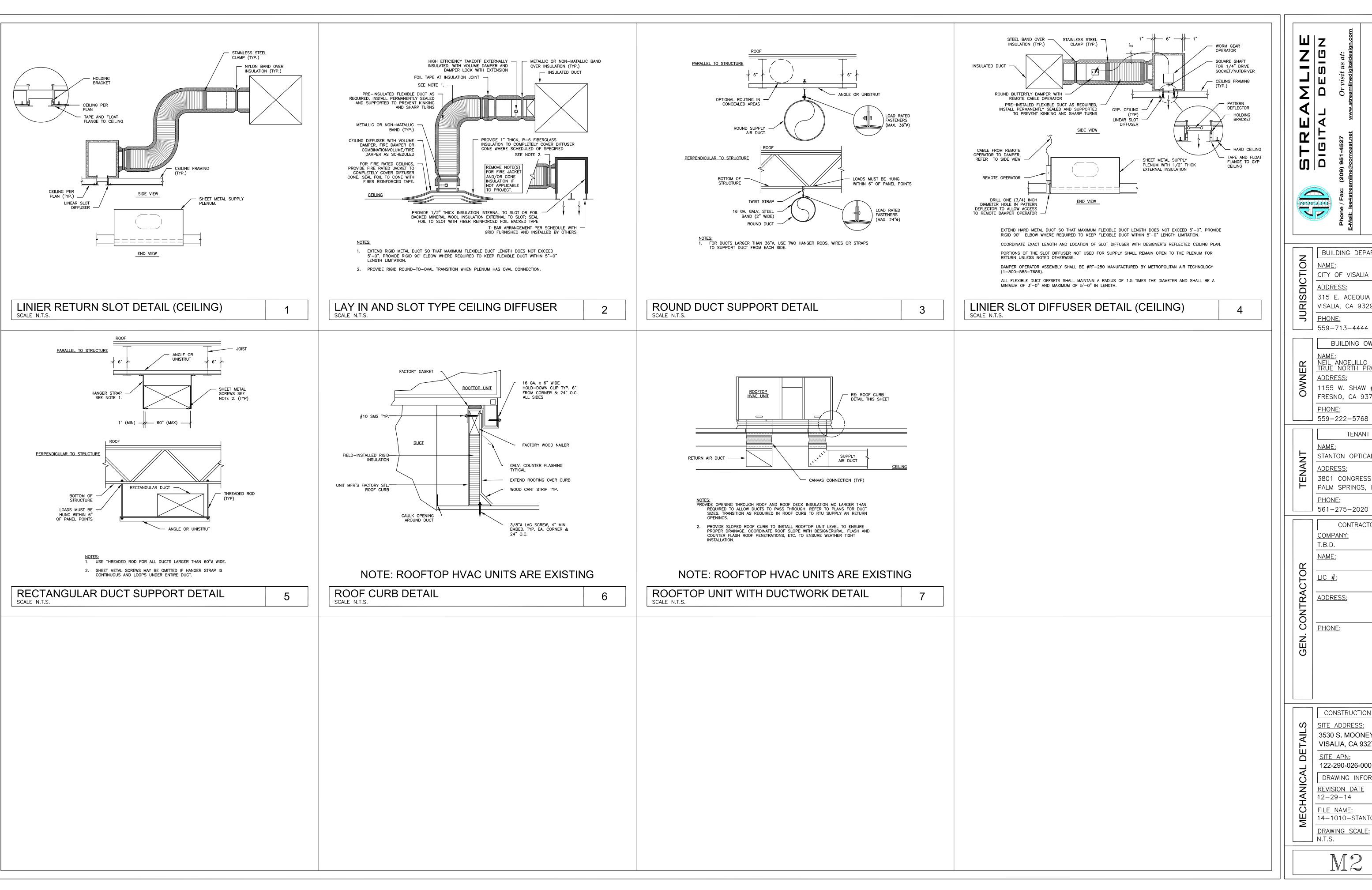
4. SET MINIMUM OSA AS INDICATED ON PLANS.

5. REUSE EXISTING THERMOSTATS.

6. DUCT TO BE INSTALLED IS FLEX DUCT

PROPOSED MECHANICAL PLAN

SCALE: 1/4" = 1'





BUILDING DEPARTMENT CITY OF VISALIA **ADDRESS:** 315 E. ACEQUIA AVE. VISALIA, CA 93291 \_\_\_ 559-713-4444

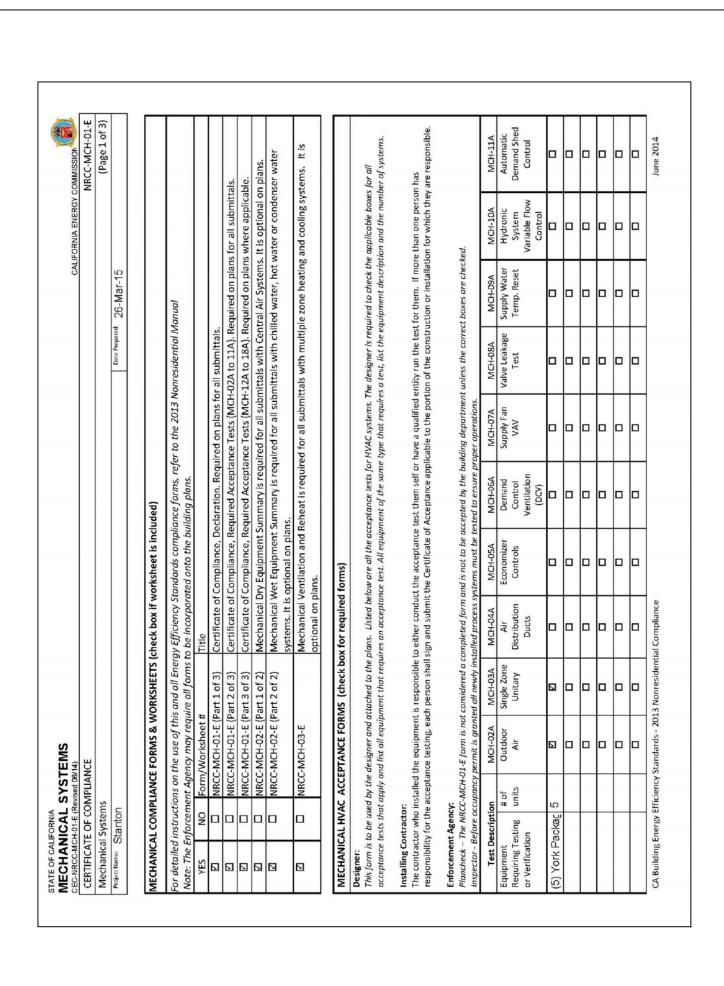
BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES <u> ADDRESS:</u> 1155 W. SHAW #104 FRESNO, CA 93711

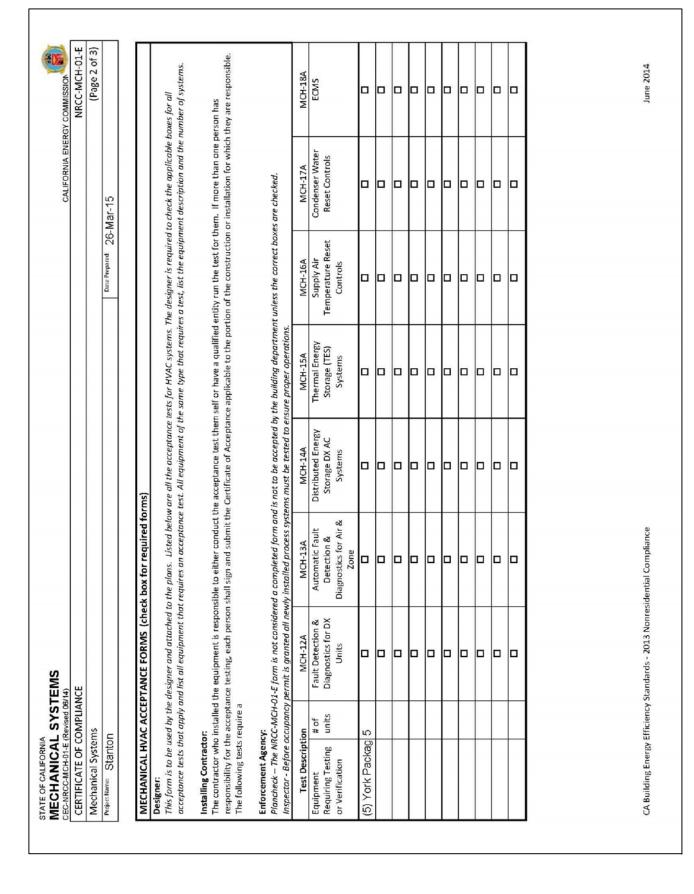
TENANT STANTON OPTICAL ADDRESS: 3801 CONGRESS AVE. ► PALM SPRINGS, FL 33461

CONTRACTOR <u>COMPANY:</u> **ADDRESS:** 

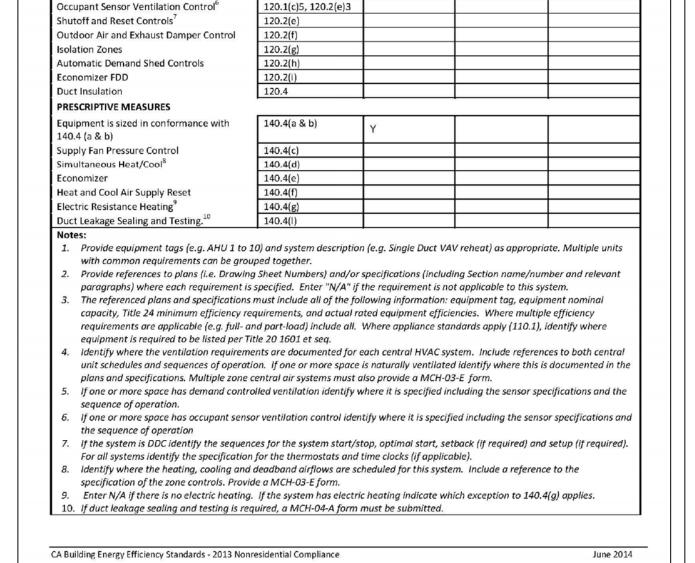
CONSTRUCTION SITE SITE ADDRESS: 3530 S. MOONEY BLVD. VISALIA, CA 93277 SITE APN: 122-290-026-000 DRAWING INFORMATION REVISION DATE

12-29-14 FILE NAME: 14-1010-STANTON-VISALIA DRAWING SCALE:





Machania	NRCC-MCH-01-E
	(Page 3 of 3)
	Date Prepared: 26-Mar-15
S DECLARATION STATEMENT	
are or comprante accumentations accurate and comprete.	Documentation Author Signature:
	Signature Date: 26-Mar-15
www.TailoredEnergyOnline.com	CEA/ HERS Certification Identification (if applicable):
	Phone: Kevin@TailoredEnergyOnl
LARATION STATEMENT	
Lecrtify the following under penalty of perjury, under the laws of the State of California:  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 contract of the Business and Professions Code to accept responsibility for the contract of the contract of the Business and Professions Code to accept responsibility for the contract of t	I certify the following under penalty of perjury, under the laws of the State of California:  The information provided on this Certificate of Compliance is true and correct.  The information provided on this Certificate of Compliance is true and correct.  The information provided on this Certificate of Compliance (responsibility for the building design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified on this Certificate of Compliance (responsible design or system design identified o
performance specifications, materials, components, and manufact	uesigner). The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance
Common to the requirements of fine 24, rail 1 and rail 6 of the Camon a Code of regulations. The building design features or system design features identified on this Certificate of Compliance are consistent with the information proworksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.	Common to the requirements of rule 24, rail 1 and rail 6 of the Campinal Code of Registrations.  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.
oleted signed copy of this Certificate of Compliance shall be made av inspections. I understand that a completed signed copy of this Certiancy.	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 Signature:
Gary Kerr Architect	Date Signed:
23917 Bennington Drive	License:
	Phone: 630 290 9823
	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT  1. I certify that this Certificate of Compliance documentation is accurate and complete.  Documentation Author Name: Tailored Energy Services - Title 24 Calculations  Signory  Address: Kevin Laughton  Address: www. TailoredEnergyOnline.com  City/State/Zip:  I The information provided on this Certificate of Compliance is true and correct.  I 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 designer.  I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the designer.  I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the designer.  I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the designer.  I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.  I The building design features or system design features identified on this Certificate of Complian worksheets, calculations, plans and specifications submitted to the enforcement agency for appleance of the California compliance shall be made availa agency for all applicable inspections. I understand that a completed signed copy of this Certificate building owner at occupancy.  Responsible Designer Name:  Company: Garry Kerr Architect  Address: Company: Designer Name:  Deary Responsible Designer Name:  Company: Company: Designer Name:  Deary Responsible Designer Name:  Deary Respo



T-24 Sections

110.1 or 110.2(a)

110.1 or 110.2(a)

10.2(b), 110.2(c)

CALIFORNIA ENERGY COMMISSION

Date Prepared: 26-Mar-15

Reference to the Requirements in the Contract Document

NRCC-MCH-02-E

(Page 1 of 3)

HVAC SYSTEM REQUIREMENTS
CEC-NRCC-MCH-02-E (Revised 06/14)
CERTIFICATE OF COMPLIANCE

Equipment Tags and System Description<sup>1</sup>

**HVAC Dry System Requirements** 

MANDATORY MEASURES

Heating Equipment Efficiency<sup>3</sup> Cooling Equipment Efficiency<sup>3</sup>

HVAC or Heat Pump Thermostats

Furnace Standby Loss Control Low leakage AHUs

Demand Control Ventilation<sup>5</sup>

Ventilation<sup>4</sup>

Project Name: Stanton

CEC-NRCC-MCH-02-E (F CERTIFICATE OF CO			CALIFORNIA ENERGY COMMISSION  NRCC-MCH-02
HVAC Wet System			(Page 3 of
Project Name: Stanton	-		Date Prepared: 26-Mar-15
	AUTHOR'S DECLARATION STATEMENT S Certificate of Compliance documentation is accurat me: Tailored Energy Services - Title 24 Calc	D	
Company:	Kevin Laughton	Signature Date: 26-Mar-15	
Address:	www.TailoredEnergyOnline.com	CEA/ HERS Certification Identificati	on (if applicable):
City/State/Zip:	3	Phone: Kevin@Tailored	EnergyOnl
RESPONSIBLE PERSO	DN'S DECLARATION STATEMENT		
provided on oth agency for apport 5. I will ensure the building, and m	usign features or system design features identified on the applicable compliance documents, worksheets, c roval with this building permit application. The at a completed signed copy of this Certificate of Com the available to the enforcement agency for all applonts of the country of the document agency for all applonts.	alculations, plans and specifi pliance shall be made availab cable inspections. I understa	cations submitted to the enforcement ole with the building permit(s) issued for the and that a completed signed copy of this
Responsible Designer Nan		Responsible Designer Signature:	s to the building owner at occupancy.
Company:	Gary Kerr Architect	Date Signed:	
Address:	23917 Bennington Drive	License:	
er te te	Valencia, CA 91354	Phone:	630 290 9823
City/State/Zip:			

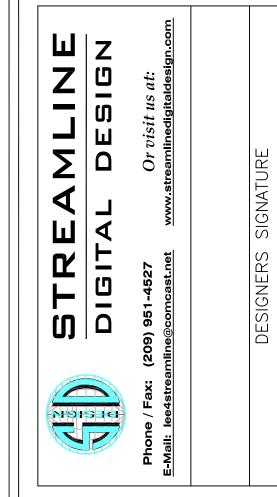
June 2014

CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance

13-5	3	ot 2)			۰	COM-PLIES							June 2014
NRCC-MCH-03-F	INDCC-INICH	(Page 1 of 2)		adband Air CFM	S	(larger of M or R, N/A for NON- DDC) (CFM)							out fixed sea
CALIFORNIA ENERGY COMMISSION				VAV Deadband Primary Air CFM	œ	(20% DDC, N/A NON-DDC) (CFM)							spaces without in this is not.
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CAL			26-Mar-15	imary Air	۵	MAXIMUM REHEAT CFM (MAX OF M OR O)						T	ess purpos Column I o olumn Ca aan 300 cf the value r less.
			Date Prepared: 26-	VAV Reheated Primary Air CFM	0	PRIMARY COOLING AIR (50% DDC,30% NON-DDC) (CFM)							w shaded cells require user input. Remaining cells are protected and automatic  The largest amount of primary air supplied by the terminal unit when it's operating in the cooling mode.  The smallest amount of primary air supplied by the terminal unit in the deadband mode.  The smallest amount of primary air supplied by the terminal unit when it's operating in the heating mode.  The largest amount of primary air supplied by the terminal unit when it's operating in the heating mode.  A terminal unit can be controlled with DDC controls, or non-DDC controls, and the control category has different reheat limitations in code.  Transfer Air must be provided where Required Ventilation Airflow (Column M) is greater than the Design Primary Deadband Airflow (Column M) is greater than the Design Primary Deadband Airflow complies or not. It compares the value in column M to the value in column C and column F.  This column identifies whether or not the Design Primary Cooling Airflow, *0.30 for Non-DDC. If the Design Primary Cooling Airflow, *0.30 for Non-DDC. If the Design Primary Cooling Airflow *0.30 for Non-DDC. If the Design Primary Cooling Airflow *0.20 for DDC. Not applicable for Non-DDC zones or zones where Design Primary Cooling Airflow *0.20 for DDC. Not applicable for Non-DDC zones or zones where Design Primary Cooling Airflow *0.20 for DDC. Not applicable for Non-DDC zones or zones where Design Primary Cooling Airflow *0.20 for DDC. Not applicable for Non-DDC zones or zones where Design Primary Cooling Airflow *0.20 for DDC. Not applicable for Non-DDC zones or zones where to not. It compares the value in column C.  Maximum of Column M and Column R. Not applicable for Non-DDC zones or zones where Design Primary Cooling Airflow at the zone level, complies or not. It compares the value in column C.  This column identifies whether or not the Design Primary Deadband Airflow at the zone level, complies or not. It compares the value in column C.  This column identifies whether or not the Design Primary Deadband Airflow a
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CEC-NRCC-MCH-03-E (Revised 06/14) CERTIFICATE OF COMPILANCE	CIVILLIAIN	Mechanical Ventilation & Reheat	L	ACTUAL DESIGN INFO (FROM EQUIPMENT SCHEDULES, ETC)	C	DESIGN PRIMARY DEAD-BAND AIRFLOW (CFM)							Yellow shaded cells require user input. Remaining cells are protected and automatic  B. The largest amount of primary air supplied by the terminal unit when it's operating in the cooling mode.  C. The smallest amount of primary air supplied by the terminal unit when it's operating in the heating mode.  D. The largest amount of primary air supplied by the terminal unit when it's operating in the heating mode.  E. A terminal unit can be controlled with DDC controls, or non-DDC controls. Each control category has different reheat limitations in code  E. A terminal unit can be controlled with DDC controls, or non-DDC controls. Each control category has different reheat limitations in code  E. A terminal unit can be controlled with DDC controls, or non-DDC controls. Each control category has different reheat limitations in code  E. A terminal unit can be controlled with DDC controls, or non-DDC control category has different reheat limitations in code  E. A terminal unit can be controlled with DDC controls, or non-DDC control category has different reheat limitations in code   E. A terminal unit can be controlled with DDC controls, or non-DDC control category has different transfer and the CBC occupant load  M. Required Ventilation and Faribous (Required Ventilation Airflow) is the larger of the ventilation rates calculated on an AREA BASIS or OCCUPANCY  M. Required Ventilation Airflow (Required Ventilation Airflow) is the larger of the ventilation rates calculated on an AREA BASIS or OCCUPANCY  M. This column identifies whether or not the Design Primary Cooling Airflow * 0.50 for DDC. Not applicable for Non-DDC cones or zones where Design Primary Cooling Airflow * 0.20 for DDC. Not applicable for Non-DDC cones or zones where Design Primary Cooling Airflow * 0.20 for DDC. The Cooling Airflow at the zone level, complies or not. It compares the value in or This column identifies whether or not the Design Primary Deadthand Airflow at the zone level, complies or not. It compares the value in or This column identifies wh
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EC-NRCC	CENTIL	Mechar	Project Name:	ACTU,	٧	ZONE/SYSTEM/ VAV BOX TAG	conditi						A Buildin

	CENTIFICATE OF COMPLETANCE	NKC-INCH-03-E
Mechanical Ventilation & Reheat	ilation & Reheat	(Page 2 of 2)
Project Name: Stanton	u.	Date Prepared: 26-Mar-15
DOCUMENTATION	DOCUMENTATION AUTHOR'S DECLARATION STATEMENT	
<ol> <li>I certify that the</li> </ol>	I certify that this Certificate of Compliance documentation is accurate and complete.	
Documentation Author Name:	Name: Tailored Energy Services - Title 24 Calculations	Documentation Author Signature:
Company:	Kevin Laughton	Signature Date: 26-Mar-15
Address:	www.TailoredEnergyOnline.com	CEA) HERS Certification Identification (if applicable):
City/State/Zip:		Phone: Kevin@TailoredEnergyOnl
RESPONSIBLE PER	RESPONSIBLE PERSON'S DECLARATION STATEMENT	
I certify the fo 1. The informati 2. I am eligible u	Lecrify the following under penalty of perjury, under the laws of the State of California: 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 accor responsibility for	Lertify the following under penalty of perjury, under the laws of the State of California:  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
<ol><li>The energy fe conform to th</li></ol>	The energy features and performance specifications, materials, components, and manufactured conform to the requirements of Title 24. Part 1 and Part 6 of the California Code of Regulations.	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
4. The building o	The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided to the control of the cont	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, make home advantage and applicable compliance documents.
5. I will ensure the agency for all	reconstructly, accordance, pages and specimental and makes the complete of complete agency for a page ray of an applicable inspections. I understand that a completed signed copy of this Certificate of Compliance shall be made averaged. An application accordance are completed signed copy of this Certificate and a completed signed copy of this Certificate and a complete and a comp	I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit of parameters and made available to the enforcement agency of an 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 available to the agency of the completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building available.
Responsible Designer Name:	ame:	Responsible Designer Signature:
Company:	Gary Kerr Architect	Date Signed:
Address:	23917 Bennington Drive	License:
City/State/Zip:	Valencia, CA 91354	Phone: 630 290 9823
JtV/State/Zip:	Valencia, CA 91354	
A Building Energy E	CA Building Energy Efficiency Standards - 2013 Nonresidential Compliance	June 2014

Required Acceptance Tests  MECHANICAL COMPLIANCE FORMS & WORKSHEETS (indicate 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. Forms NRCC-MCH-04-E and NRCC-MECH-05-E are alternative forms to NRCC-MCH-01-E, NRCC-MCH-02-E and NRCC-MCH-03-E for projects using only single zone packaged HVAC systems.  V  NRCC-MCH-04-E (1 of 2)  NRCC-MCH-04-E (2 of 2)  NRCC-MCH-05-E (1 of 2)  NRCC-MCH-05-E (2 of 2)
CE FORMS & WORKSHEETS (indicate if worksheet is included)  In the use of this and all Energy Efficiency Standards compliance forms, refer to the 2013 Nonresidential Manual Note: The Enforcement Agonly single zone packaged HVAC systems.  Image: CC-MCH-04-E (1 of 2)  CC-MCH-04-E (2 of 2)  HVAC Prescriptive Required on plans when used.  CC-MCH-05-E (2 of 2)  HVAC Prescriptive Requirements. It is required for all submittals with service water heating, pools or required on plans where applicable.
Dute Proposed: 26-Mar-15    ACCHANICAL COMPLIANCE FORMS & WORKSHEETS (Indicate if worksheet is included)   ACCHANICAL COMPLIANCE FORMS & WORKSHEETS (Indicate if worksheet is included)   ACCHANICAL COMPLIANCE FORMS & WORKSHEETS (Indicate if worksheet is included)   Contact of the content o
AECHANICAL COMPLIANCE FORMS & WORKSHEETS (Indicate if worksheet is included)         or 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 sequire all forms to be incorporated onto the building plans. Forms NRCC-MCH-04-E and NRCC-MECH-05-E are alternative forms to NRCC-MCH-01-E, NRCC-MCH-02-E and NRCC-MCH-03-E for projects using only single zone packaged HVAC systems.         FS       NO       Form       Title         ✓       NRCC-MCH-04-E (1 of 2)       Mechanical Acceptance Tests. Required on plans when used.         ✓       NRCC-MCH-04-E (2 of 2)       Mechanical Acceptance Tests. Required on plans when used.         NRCC-MCH-05-E (2 of 2)       HVAC Prescriptive Requirements. It is required on plans when used.         NRCC-MCH-05-E (2 of 2)       Mechanical SWH Equipment Summary is required for all submittals with service water heating, pools or spass. It is required on plans where applicable.
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NO Form  NO NRCC-MCH-04-E (1 of 2)  NRCC-MCH-05-E (2 of 2)  NRCC-MCH-05-E (2 of 2)
NRCC-MCH-04-E (1 of 2)  NRCC-MCH-04-E (2 of 2)  NRCC-MCH-05-E (1 of 2)  NRCC-MCH-05-E (2 of 2)
NRCC-MCH-04-E (2 of 2) NRCC-MCH-05-E (1 of 2) NRCC-MCH-05-E (2 of 2)



BUILDING DEPARTMENT SDICTION NAME: CITY OF VISALIA ADDRESS: 315 E. ACEQUIA AVE.

> VISALIA, CA 93291 PHONE:

**□** 559−713−4444

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES ADDRESS: 1155 W. SHAW #104 FRESNO, CA 93711

PHONE: **」** 559−222−5768

TENANT

STANTON OPTICAL

ADDRESS:

3801 CONGRESS AVE. ⊢ | PALM SPRINGS, FL 33461 <u>PHONE:</u> \_\_\_\_ 561-275-2020

CONTRACTOR <u>COMPANY:</u> T.B.D.

NAME:

ADDRESS:

PHONE:

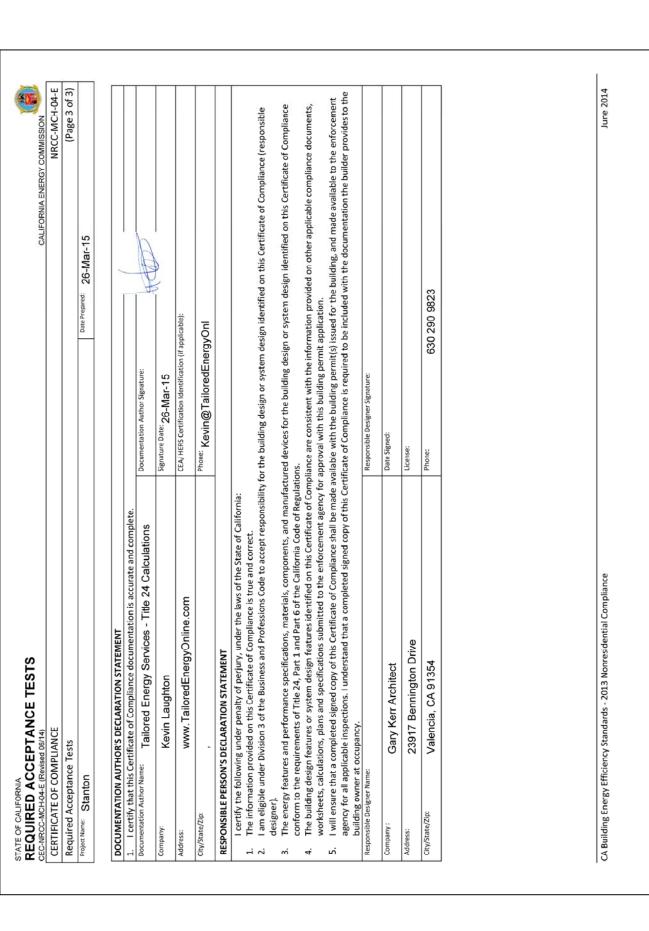
CONSTRUCTION SITE SITE ADDRESS: 3530 S. MOONEY BLVD.

VISALIA, CA 93277 122-290-026-000 DRAWING INFORMATION

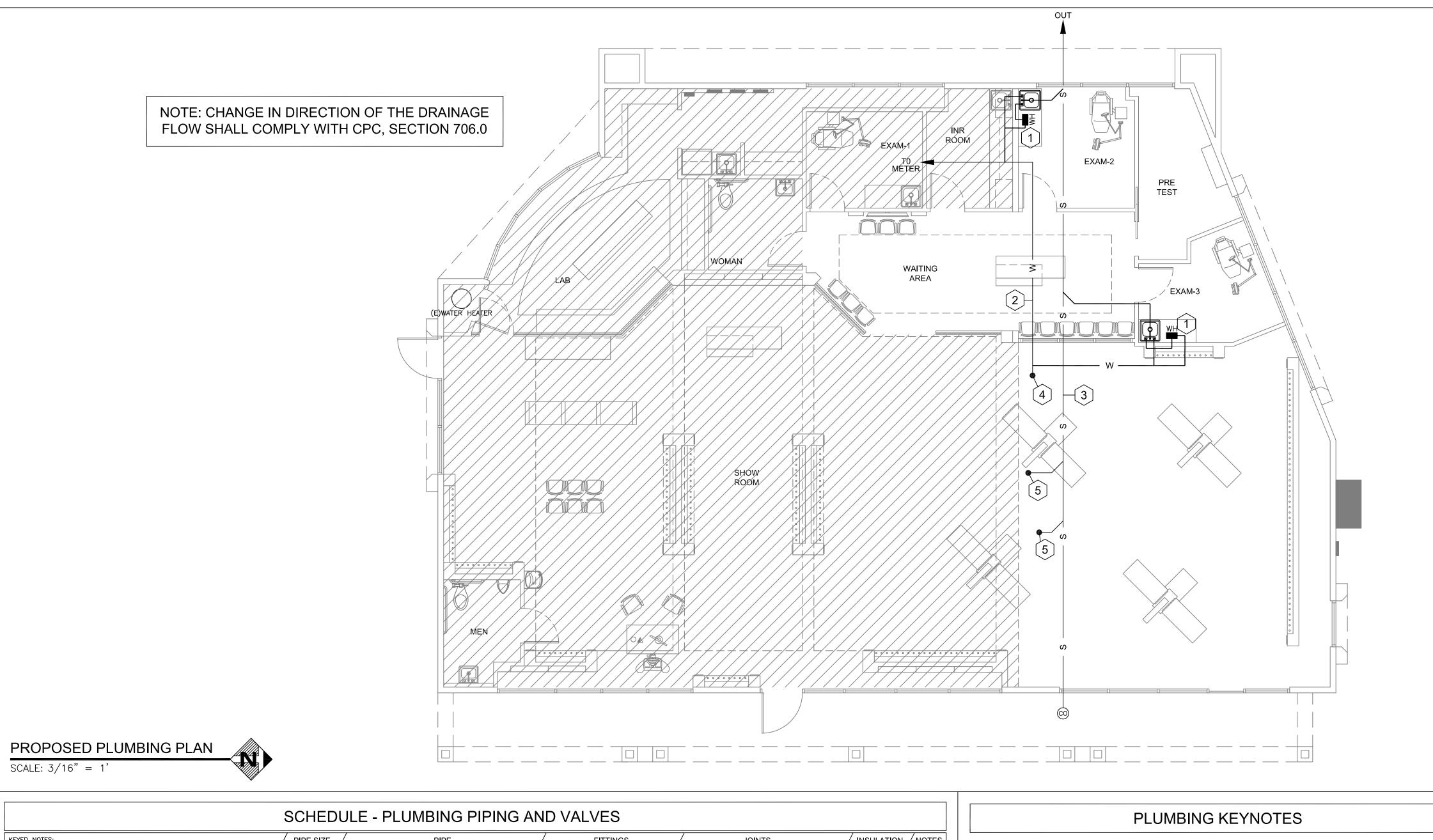
<u>REVISION DATE</u> 12-29-14

14-1010-STANTON-VISALIA <u>DRAWING SCALE:</u>

Required Acceptance Tests												
Out Manne	tance Tests											(Page 2 of 3)
Stanton	ton								Date Prepared:	<sup>3</sup> 26-Mar-15	5	
Designer:												
his form is to applicable box escription an	be used by es by all acc d the numb	the desi eptance er of syst	This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for mechanical systems. The designer applicable boxes by all acceptance tests that apply and list all equipment that requires an acceptance test. If all equipment of a certain type requipment of systems. The NA number designates the Section in the Appendix of the Nonresidential Reference Appendices Mai Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.	ned to the plar y and list all ει number design on of this secti	ns. Listed bela quipment tha lates the Sect on will allow	ow are all the it requires an ion in the App the responsib	acceptance acceptance t pendix of the	tests for mec test. If all equal Nonresident udget for the	chanical syster Lipment of a catilial Reference secope of wor	ms. The desi certain type ? Appendices rk appropria	gner is required required tests Manual that rely.	This form is to be used by the designer and attached to the plans. Listed below are all the acceptance tests for mechanical systems. The designer is required to check the applicable boxes by all acceptance tests that apply and list all equipment that requires an acceptance test. If all equipment of a certain type requires a test, list the equipment description and the number of systems. The NA number designates the Section in the Appendix of the Nonresidential Reference Appendices Manual that describes the test. Since this form will be part of the plans, completion of this section will allow the responsible party to budget for the scope of work appropriately.
Enforcement Agency:	ency:											
ystems Accel	<b>stance</b> . Befo , all control	ore occup devices	Systems Acceptance. Before occupancy permit is granted for a newly constructed building or space, or a new space-conditioning system serving for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance.	granted for a Iding or space	newly constri shall be certi	ucted building fied as meetir	g or space, or	r a new space tance Requir	:-conditioning ements for Co	รู system serv ode Compliaı	ving a buildin <sub>i</sub> nce.	Systems Acceptance. Before occupancy permit is granted for a newly constructed building or space, or a new space-conditioning system serving a building or space is operated for normal use, all control devices serving the building or space shall be certified as meeting the Acceptance Requirements for Code Compliance.
stems Acce	stance. Befo	re occup	Systems Acceptance. Before occupancy permit is granted. All newly installed HVAC equipment must be tested using the Acceptance Requirements.	granted. All n	ewly installe	d HVAC equip	ment must b	oe tested usin	g the Accepta	ance Require	ements	
ne NRCC-MCI equiring testi onducted. The e building de	H-04-E forming, person	is not co performii checked hat certii	The NRCC-MCH-04-E form is not considered a completed form and is not to be accepted by the building department unless the correct boxes are checked. The equipm requiring testing, person performing the test (Example: HVAC installer, TAB contractor, contractor, PE in charge of project) and what Acceptance test must be conducted. The following checked-off forms are required for ALL newly installed and replaced equipment. In addition a Certificate of Acceptance forms shall be submit the building department that certificate plans, specifications, installation certificates, and operating and maintenance information meet the requirements of Section 10-1 and Title 24 Bart 6. The building above must receive the proposely filled out and element had been a proposely and element and elem	impleted form a maple: HVAC ir required for Al ifications, instructions,	and is not to lastaller, TAB of LL newly installation certification certified on	be accepted be contractor, co salled and replicates, and optimals in the sand cianed to t	y the buildin introls contra aced equipm serating and	ng departmen actor, PE in che nent. In addit maintenance	it unless the carage of projection a Certification in formation	correct boxes set) and what ate of Accept meet the rec	s are checked t Acceptance tance forms s quirements o	The NRCC-WCH-04-E form is not considered a completed form and is not to be accepted by the building department unless the correct boxes are checked. The equipment requiring testing, person performing the test (Example: HVAC installer, TAB contractor, contractor, PE in charge of project) and what Acceptance test must be conducted. The following checked-off forms are required for ALL newly installed and replaced equipment. In addition a Certificate of Acceptance forms shall be submitted to the building department that certifications, installation certificates, and operating and maintenance information meet the requirements of Section 10-103(b) and Title 24 Bart 6. The building inspace must receive the proposely filled out and element to the building inspace must receive the proposely filled out and element to the building inspace must receive the proposely filled out and element to the project of the building inspace must be considered to the proposely filled out and element to the building inspace must be considered to the proposely filled out and element to the building inspace must be considered to the proposely filled out and element to the project of the building inspace must be considered to the proposely filled out and element to the project of the building inspace must be considered to the project of the project o
Test Description	ion	MCH-02-A	MCH-03-A	MCH-04-A	MCH-05-A	MCH-06-A	MCH-07-A	MCH-11-A	MCH-12-A	MCH-14-A	MCH-18-A	Test Performed By:
Equipment # Requiring u Testing or	# of Outunits Air	Outdoor Air	Single Zone Unitary	Air Distribution Ducts	Economizer Controls	Demand Control Ventilation	Supply Fan VAV	Automatic Demand Shed	FDD for Packaged DX Units	Distribute d Energy Storage	Energy Managem ent	
Verification						(DCV)		Control		DX AC Systems	Control	
(5) York Pa 5		`,	*									







#### KEYED NOTES: PIPE SIZE **FITTINGS** JOINTS INSULATION / NOTES (A) INSULATION IS REQUIRED FOR ALL ABOVE GROUND POTABLE WATER PIPING, INCLUDING DOMESTIC COLD WATER, HOT WATER, AND HOT WATER RETURN. (B) PAINT ALL EXPOSED EXTERIOR PIPING W/ ONE COAT OF PRIMER & TWO COATS OF RUST-PROOF PAINT. (C) 1 PER FOOT MINIMUM SLOPE. (D) 1 PER FOOT MINIMUM SLOPE. (E) OR EQUAL UNDERGROUND SANITARY & GREASE WAIST & VENT LINES | ALL SIZES ABOVEGROUND SANITARY & GREASE WAIST & VENT LINES | ALL SIZES UNDERGROUND POTABLE WATER SERVICE ALL SIZES ABOVEGROUND POTABLE WATER LINES ALL SIZES ABOVEGROUND LP GAS LINES ALL SIZES ALL SIZES TRAP PRIMER LINES ACID RESISTANT WAIST PIPING ALL SIZES PLUMBING VALVES & ACCESSORIES; 4. GLOBE VALVES: GLOBE VALVES SHALL BE EQUIPPED WITH RENEWABLE SEATING 7. STRAINERS: STRAINERS SHALL BE BRONZE BODY WYE-TYPE WITH 18" STAINLESS STEEL SURFACE (COMPOSITION DISC, RENEWABLE RING-SEAL). VALVES SHALL BE RISING STEM MESH 125 PSI SWP MINIMUM. . UNIONS: UNIONS ON FERROUS PIPE SHALL BE GROUND JOINT WITH BRASS TO IRON TYPE, BRONZE SCREWED END FOR FERROUS PIPING AND SOLDER END FOR COPPER SEATS AND UNIONS ON COPPER PIPING SHALL BE CAST BRONZE WITH SWEATS END. 8. PRESSURE GAUGES: GAUGES SHALL BE 4 ½" DIAL, MICRO ADJUSTABLE POINTER, SCREWED RING, FIBERGLASS REINFORCED POLYPROPYLENE CASE, PLEXIGLASS WINDOW, . DIELECTRIC UNIONS: DISSIMILAR PIPE MATERIALS SHALL BE CONNECTED WITH 5. BALL VALVES: BALL VALVES SHALL BE EQUIPPED WITH TWO-PIECE BODY, SOLID FRONT, BLOWOUT BACK AND SHALL BE DESIGNED SO THE GAUGE CAN BE LIQUID DIELECTRIC PIPE FITTINGS/UNIONS RATED AT 250 PSIG AT 180F AND ARE DESIGNED TO CONVENTIONAL PART, BRONZE TRIM, TFE SEAT RINGS, AND BLOWOUT PROOF STEM. FILLED IN THE FIELD BY THE ADDITION OF A KIT WHERE VIBRATIONS A PROBLEM. MEET THE REQUIREMENTS OF ANSI B16.39, INCLUDING HYDROSTATIC STRENGTH, TENSILE STRENGTH, AND AIR PRESSURE TESTING. FITTINGS AND UNIONS SHALL BE WATTS 3000 CALVES SHALL BE RATED AT 125 SWP/400WOG AND MEET FEDERAL SPECIFICATIONS: ACCURACY 1% FULL SCALE, 0-200 PSI FOR DOMESTIC WATER SERVICE. TRERICE #450 WW-V-35, TYPE II, CLASS A, STYLE 3. OR APPROVED EQUAL BY ASHCROFT OR PALMER. EACH GAUGE SHALL BE PROVIDED WITH SERIES OR APPROVED EQUAL BY DART, ROCKWOOD, OR WALWORTH. TRERICE # 735-2 NEEDLE VALVE COCK, 885-1 SYPHON, 872-2 SNUBBER. . CHECK VALVES: SWING CHECK VALVES SHALL HAVE 45DEGREE SEATING ANGLE, DISC 3. GATE VALVES: GATE VALVES SHALL BE BRONZE, RISING STEM TYPE, SCREWED END FOR FERROUS PIPING AND SOLDER END FOR COPPER PIPING, RATED FOR 125 PSI SWP. SEAT ACCESS AND RENEWABLE SEATING. VALVES SHALL BE BRONZE, SCREWED END FOR 9. NO EXPOSED ABS (PLASTIC PIPING WITH FLAME SPREAD RATING OF 75 OR MORE) FERROUS PIPING AND SOLDER END FOR COPPER PIPING. SHALL BE EXPOSED UNDER SINKS OR ANYWHERE ELSE IN THE KITCHEN AREA.

- NEW POINT OF USE WATER HEATER. SEE SPECIFICATIONS DETAIL-4 ON SHEET-A9
- EXISTING WATER MAIN IS APPROXIMATE. (CONTRACTOR TO FIELD LOCATE)
- EXISTING SEWER MAIN IS APPROXIMATE. (CONTRACTOR TO FIELD LOCATE)
- CAP EXISTING WATER MAIN.
- CAP EXISTING SEWER MAIN.

16. COORDINATE PIPING ROUTING AWAY FROM ELECTRICAL PANELS. DO NOT INSTALL PIPING OVER

COORDINATED WITH THE DESIGNER AND/OR OWNER. 18. COORDINATE ALL ROOF PENETRATIONS WITH OTHER TRADES. MAINTAIN 10' MINIMUM CLEARANCE

19. INSULATE PIPING ROUTED IN EXTERIOR BUILDING WALLS WITH MINIMUM 2" BATT INSULATION TO PREVENT FREEZING.

O. PROVIDE SHIELDED ADAPTER COUPLINGS FOR CONNECTION OF PVC DWV TO CAST IRON AT SLAB ON GRADE. SEE SPECIFICATION SECTION 15400 FOR MORE INFORMATION.

21. FLOW CONTROL VALVES SHALL BE SIZE 1/2" AND SET AT 0.5 GPM UNLESS NOTED OTHERWISE.

22. WATER HAMMER ARRESTORS SHALL BE SIZE "A" UNLESS NOTED OTHERWISE.

24. CORROSION PROTECTION / WRAPPING IS REQUIRED ON ALL UNDER SLAB OR UNDER GROUND FERROUS ELECTRICAL CONDUIT, WATER PIPING, BUILDING DRAINS, BUILDING SEWERS, FLOOR SINKS, FLOOR DRAINS, TRAP PRIMERS, WASTE DRAINS, AND OTHER FERROUS PIPING, INCLUDING ALL ZINC COATED GALVANIZED PIPING AND FITTINGS. CORROSION PROTECTION / WRAPPING IS REQUIRED ON COPPER WATER PIPING. CORROSION PROTECTION SHALL BE INSPECTED AND APPROVED BY THE

EXTEND FROM THE VALVE TO THE OUTSIDE OF THE BUILDING WITH THE END OF THE PIPE NOT MORE THAN 2 FEET NOR LESS THAN 6 INCHES ABOVE THE GROUND AND POINTING DOWNWARD. (2013 CPC,

APPROVED MANUAL SHUT OFF VALVE WITH A NON-DISPLACEABLE VALVE MEMBER, OR A LISTED GAS CONVENIENCE OUTLET INSTALLED WITHIN 6' OF THE EQUIPMENT IT SERVES. SHUT OFF VALVES SERVING DECORATIVE GAS APPLIANCES SHALL BE PERMITTED TO BE INSTALLED IN FIREPLACES IF ISTED FOR SUCH USE. (2013 CPC, SECTION 1212.5)

7. WATER CLOSET BOWLS FOR PUBLIC USE SHALL BE OF THE ELONGATED TYPE. SEATS SHALL BE

28. PUBLIC LAVATORIES SHALL HAVE TEMPERATURE CONTROLS WHICH LIMIT THE OUTLET TEMPERATURE TO 110 DEGREES FAHRENHEIT. THE DEVICE SHALL CONFORM TO ASSE 1070 STANDARD FOR WATER TEMPERATURE LIMITING DEVICES OR CSA B125.3 STANDARD FOR PLUMBING FITTINGS. THE WATER HEATER THERMOSTAT SHALL NOT BE CONSIDERED A CONTROL.. CPC SECTION 413.1

29. CHANGE IN DIRECTION OF THE DRAINAGE FLOW SHALL COMPLY WITH CPC, SECTION 706.0

— Е — —	= (P) ELECTRIC LINE (BURIED)
— w ——	= (P) COLD WATER PIPE (TYPE-L COPPER)
——————————————————————————————————————	= (P) HOT WATER PIPE (TYPE-L COPPER)
G	= (P) GAS LINE (SCHEDULE 40 METALLIC PIPE)
s	= (P) (ABS/PVC) SEWER DRAIN PIPE

= (P) (PVC) DRAIN PIPE (ACID RESISTANT) = (E) ELECTRIC LINE (BURIED)

= (E) COLD WATER PIPE (TYPE-L COPPER) = (E) HOT WATER PIPE (TYPE-L COPPER) = (E) GAS LINE (SCHEDULE 40 METALLIC PIPE) = (E) (ABS/PVC) SEWER DRAIN PIPE

TOTAL OCCUP	ANI LC	JAD =	3,//0	SQ. FI	. / 20	U (CPC	, 4-1)	= 19	
GENDER	COUNT	W.C. REQ'D	W.C. PROV'D	UR. REQ'D	UR. PROV'D	LAV. REQ'D	LAV. PROV'D	D.F. REQ'D	D.F. PROV'D
MALE	10	1	1	0	1	1	1	1	1
FEMALE	10	1	1	NI /A	N/A	1	1		

### PLUMBING NOTES

. DRAWINGS ARE DIAGRAMMATIC ONLY AND REPRESENT THE GENERAL SCOPE OF THE WORK, REVIEW THE GENERAL NOTES, SPECIFICATIONS AND PLANS FOR ADDITIONAL REQUIREMENTS THAT MAY NOT BE SPECIFICALLY CALLED OYT IN THIS PORTION OF THE CONSTRUCTION DOCUMENTS. NOTIFY THE DESIGNER OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO SUBMISSION OF BID.

2. PROVIDE A CONSTRUCTION RECORD SET OF "AS-BUILT" DOCUMENTS TO THE DESIGNER REFLECTING ANY VARIANCES OF INSTALLED PIPING LOCATIONS OR EQUIPMENT CONTRARY TO THE CONSTRUCTION DOCUMENTS, REFER TO SPECIFICATIONS.

3. PROVIDE TO THE DESIGNER A COPY OF INSPECTION REPORTS AND APPROVAL CERTIFICATES FROM LOCAL AND STATE INSPECTIONS, REFER TO SPECIFICATIONS.

4. INSTALLATION SHALL COMPLY WITH LEGALLY CONSTITUTED CODES AND THE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION. 5. PLANS AND SPECIFICATIONS GOVERN WHERE THEY EXCEED CODE REQUIREMENTS.

6. VERIFY LOCATION AND DEPTH OF UTILITIES AT POINTS OF CONNECTION BEFORE START OF PIPING 7. REFER TO DESIGNERURAL PLANS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF PLUMBING

8. DO NOT SCALE FLOOR PLANS FOR EXACT HORIZONTAL LOCATION OF PIPE ROUTING.

9. INSTALL CONCEALED PIPING TIGHT TO THE STRUCTURE AND AS HIGH AS POSSIBLE. INSTALL EXPOSED PIPING TIGHT TO THE STRUCTURE, WALL OR CEILING AND AS HIGH AS POSSIBLE. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.

10. VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.

SHALL BE ROUTED AS HIGH AS POSSIBLE AND TIGHT TO WALLS. 12. COORDINATE ALL WORK WITH OTHER TRADES AND CONTRACTORS.

11. PIPING IN FINISHED AREAS SHALL BE ROUTED CONCEALED; EXPOSED PIPING, WHERE NECESSITY,

13.COORDINATE PIPING INSTALLATION WITH STRUCTURAL GRADE BEAMS, FOOTINGS, COLUMN PIERS, ETC. WHERE REQUIRED AND AS NOTED ON PLANS. COORDINATE SLEEVE INSTALLATIONS WITH THE DESIGNER, STRUCTURAL ENGINEER, STRUCTURAL CONTRACTOR AND GENERAL CONTRACTOR BEFORE CONCRETE IS

14. CLEAN FAUCET AERATORS AND PIPE STAINERS PRIOR TO TURNING BUILDING OVER TO THE OWNER. 15. PROVIDE TRAP PRIMERS WHERE REQUIRED BY LOCAL AUTHORITIES.

17. PAINT ALL EXPOSED GAS PIPING USING RUST INHIBITOR PIPING. PAINT AND COLOR SHALL BE

FROM ALL AIR INTAKES. MAINTAIN 2' CLEARANCE FROM ALL OTHER EQUIPMENT.

23. PROVIDE VERTICAL LIFT SPRING LOADED CHECK VALVES IN HOT AND COLD WATER SUPPLIES FOR

MOP SINK FAUCETS DOWNSTREAM OF SHUTOFF VALVES.

25. RELIEF VALVES LOCATED INSIDE A BUILDING SHALL BE PROVIDED WITH A DRAIN OF GALVANIZED STEEL, HARD DRAWN COPPER PIPING AND FITTINGS, CPVC, OR LISTED VALVE DRAIN. THE DRAIN SHALI

26. GAS UTILIZATION EQUIPMENT CONNECTED TO A PIPING SYSTEM SHALL HAVE AN ACCESSIBLE

OF THE OPEN FRONT TYPE. CPC SECTION 403.1

BUILDING DEPARTMENT CITY OF VISALIA **ADDRESS:** 

DESIGN

315 E. ACEQUIA AVE.

VISALIA, CA 93291

559-713-4444

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES <u> ADDRESS:</u>

FRESNO, CA 93711

1155 W. SHAW #104

559-222-5768 TENANT

STANTON OPTICAL

3801 CONGRESS AVE. PALM SPRINGS, FL 33461 PHONE:

561-275-2020

CONTRACTOR <u>COMPANY:</u> T.B.D.

<u> ADDRESS:</u>

NAME:

<u>PHONE:</u>

CONSTRUCTION SITE SITE ADDRESS: 3530 S. MOONEY BLVD.

VISALIA, CA 93277 SITE APN:

122-290-026-000 DRAWING INFORMATION <u>REVISION DATE</u> 12-29-14

FILE NAME: 14-1010-STANTON-VISALIA

DRAWING SCALE: 3/16" = 1'

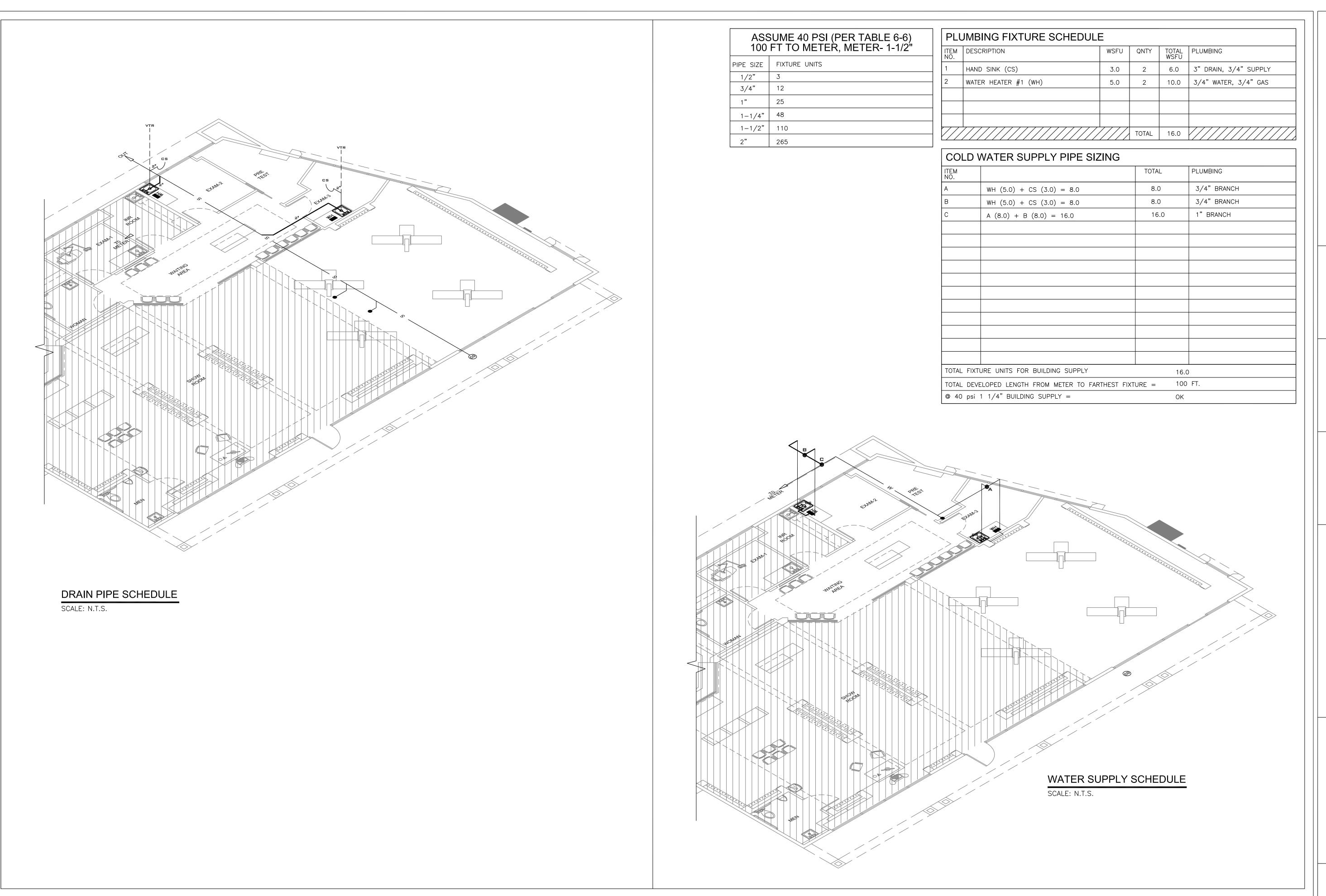
PIPING INDEX

- GR - P) (CAST IRON) GREASE DRAIN PIPE

--- = (E) (CAST IRON) GREASE DRAIN PIPE

PLUMBING FIXTURES TABLE (CA. PLUMBING CODE, TABLE: 4-1)

TOTAL OCCUPANT LOAD = 3.778 SO FT / 200 (CPC 4-1) = 19



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Or visit us at:

E-Mail: lee4streamline@comcast.net

Www.streamlinegitaldesign.com

BUILDING DEPARTMENT

NAME:
CITY OF VISALIA

ADDRESS:
315 E. ACEQUIA AVE.
VISALIA, CA 93291

PHONE:
559-713-4444

BUILDING OWNER

NAME:
NEIL ANGELILLO
TRUE NORTH PROPERTIES

ADDRESS:

1155 W. SHAW #104 FRESNO, CA 93711 PHONE:

\_\_\_ 559-222-5768

TENANT

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STANTON OPTICAL

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3801 CONGRESS AVE.

3801 CONGRESS AVE.
PALM SPRINGS, FL 33461
PHONE:
561-275-2020

CONTRACTOR

COMPANY:
T.B.D.
NAME:

LIC. #:

ADDRESS:

O PHONE:

CONSTRUCTION SITE

SITE ADDRESS:

3530 S. MOONEY BLVD.

VISALIA, CA 93277

SITE APN:

SITE APN:
122-290-026-000

DRAWING INFORMATION

REVISION DATE
12-29-14
FILE NAME:

FILE NAME:
14-1010-STANTON-VISALIA
DRAWING SCALE:
N.T.S.

P2

# 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 1

CHAPTER 3 GREEN BUILDING SECTION 301 GENERAL  301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but are not required unless adopted by a city, county, or city and county as specified in Section 101.7.	INSPECTOR SIGNOFF  N/A
SECTION 301 GENERAL  301.1 SCOPE. Buildings shall be designed to include the green building measures specified as mandatory in the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but	N/A
the application checklists contained in this code. Voluntary green building measures are also included in the application checklists and may be included in the design and construction of structures covered by this code, but	
are not required unless adopted by a city, country, or city and country as specified in occition for in-	
301.3 NONRESIDENTIAL ADDITIONS AND ALTERATIONS. [BSC] The provisions of individual sections of Chapter 5 apply to newly constructed building additions of 1,000 square feet or	
greater, and/or building alterations with a permit valuation of \$200,000 or above (for occupancies within the authority of California Building Standards Commission). Code sections relevant to additions and alterations shall only apply to the portions of the building being added or altered within the scope of the permitted work.	EXISTING
A code section will be designated by a banner to indicate where the code section only applies to newly constructed building [N] or to additions and alterations [AA]. When the code section applies to both, no banner will be used.	N/A
SECTION 302 MIXED OCCUPANCY BUILDINGS  302.1 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building	
shall comply with the specific green building measures applicable to each specific occupancy.	
HCD Department of Housing and Community Development BSC California Building Standards Commission	
OSHPD Office of Statewide Health Planning and Development  LR Low Rise	
AA Additions and Alterations N New	
	EXISTING
NONRESIDENTIAL MANDATORY MEASURES	N/A
DIVISION 5.1 PLANNING AND DESIGN SECTION 5.101 GENERAL	
The provisions of this chapter outline planning, design and development methods that include environmentally responsible site selection, building design, building siting and development to protect, restore and enhance the	
SECTION 5.102 DEFINITIONS 5.102.1 DEFINITIONS	
CUTOFF LUMINAIRES. Luminaires whose light distribution is such that the candela per 1000 lamp lumens does not	
angle of 80 degrees above nadir. This applies to all lateral angles around the luminaire.  LOW-EMITTING AND FUEL EFFICIENT VEHICLES.	
Eligible vehicles are limited to the following:  1. Zero emission vehicle (ZEV) , including neighborhood electric vehicles (NEV) , partial zero emission vehicle (PZEV) , advanced technology PZEV (AT ZEV) or CNG fueled (original equipment manufacturer only) regulated under Health and Safety Code section 43800 and CCP. Title 13	
Sections 1961 and 1962.  2. High-efficiency vehicles, regulated by U.S. EPA, bearing High-Occupancy Vehicle (HOV) car pool lane stickers issued by the Department of Motor Vehicles.	
NEIGHBORHOOD ELECTRIC VEHICLE (NEV). A motor vehicle that meets the definition of "low-speed vehicle" either in Section 385.5 of the Vehicle Code or in 49CFR571.500 (as it existed on July 1, 2000), and is certified to zero-emission vehicle standards.	
TENANT-OCCUPANTS. Building occupants who inhabit a building during its normal hours of operation as permanent occupants, such as employees, as distinguished from customers and other transient visitors.	
VANPOOL VEHICLE. Eligible vehicles are limited to any motor vehicle, other than a motortruck or truck tractor, designed for carrying more than 10 but not more than 15 persons including the driver, which is maintained and used primarily for the popprofit work-related transportation of adults for the purpose of ridesharing	
Note: Source: Vehicle Code, Division 1, Section 668	
SECTION 5.106 SITE DEVELOPMENT	
5.106.1 STORM WATER POLLUTION PREVENTION. Newly constructed projects and additions which disturb less than one acre of land shall prevent the pollution of storm water runoff from the construction activities through one or more of the following measures:	
<b>5.106.1.1 Local ordinance</b> . Comply with a lawfully enacted storm water management and/or erosion control ordinance.	
implementing an effective combination of erosion and sediment control and good PNL-Hkeeping BMP.  1. Soil loss BMP that should be considered for each project include, but are not limited to, the following:	
b. Preservation of natural features, vegetation and soil. c. Drainage swales or lined ditches to control stormwater flow. d. Mulching or hydroseeding to stabilize disturbed soils.	
e. Erosion control to protect slopes. f. Protection of storm drain inlets (gravel bags or catch basin inserts). g. Perimeter sediment control (perimeter silt fence, fiber rolls). b. Sediment trap or sediment basin to retain sediment on site.	
<ul><li>i. Stabilized construction exits.</li><li>j. Wind erosion control.</li><li>k. Other soil loss BMP acceptable to the enforcing agency.</li></ul>	
considered for implementation as appropriate for each project include, but are not limited to, the following:  a. Material handling and waste management.	
c. Management of washout areas (concrete, paints, stucco, etc.) . d. Control of vehicle/equipment fueling to contractor's staging area. e. Vehicle and equipment cleaning performed off site.	
f. Spill prevention and control. g. Other PNL-Hkeeping BMP acceptable to the enforcing agency.  5.106.4 BICYCLE PARKING. For buildings within the authority of California Building Standards Commission as	
specified in Section 103, comply with Section 5.106.4.1. For buildings within the authority of the Division of the State DESIGNER pursuant to Section 105, comply with Section 5.106.4.2	
ordinance, whichever is stricter.	
generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack.	
5.106.4.1.2 Long-term bicycle parking. For new buildings with over 10 tenant-occupants or for additions or	N/A
of the tenant vehicle parking spaces being added, with a minimum of one space. Acceptable parking facilities shall be convenient from the street and shall meet one of the following:  1. Covered, lockable enclosures with permanently anchored racks for bicycles;  2. Lockable bicycle rooms with permanently anchored racks; or  3. Lockable, permanently anchored bicycle lockers.	
<b>Note:</b> Additional information on recommended bicycle accommodations may be obtained from Sacramento Area Bicycle Advocates.	MANDATORY
	SECTION 302 MIXED OCCUPANCY BUILDINGS. In mixed occupancy buildings, each portion of a building selection provides the specific processor building reviews regulated to low on the specific processor.  ABBREVIATION DEFINITIONS:  Department of Housing and Community Development  Department of Housing and Community Development  Department of Housing and Community Development  ACM STATE OF STATE OF THE PROCESSOR STATE OF THE PROCESSOR OF THE PROCESSO

	<b>5.106.4.2 Bicycle parking. [DSA-SS]</b> For public schools and community colleges, comply with Sections 5.106.4.2.1 and 5.106.4.2.2
	5.106.4.2.1 Short-term bicycle parking. Provide permanently anchored bicycle racks within 200 feet of the student entrance, readily visible to passers-by, for 5 percent of the student population based on the total occupant load of the campus, with a minimum of one two-bike capacity rack.
_	5.106.4.2.2 Long-term bicycle parking. Provide secure bicycle parking for 5% of employees, based on the

total number of motorized vehicle parking capacity in the staff parking lot, with a minimum of one space. Acceptable bicycle parking facilities shall be convenient from the street or staff parking area and shall meet

1. Covered, lockable enclosures with permanently anchored racks for bicycles; Lockable bicycle rooms with permanently anchored racks; or Lockable, permanently anchored bicycle lockers.

**5.106.5.2 DESIGNATED PARKING.** In new projects or additions or alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as follows:

TABLE 5.106.5.2 – PARKING				
NUMBER OF REQUIRED SPACES				
0				
1				
3				
6				
8				
11				
16				
AT LEAST 8% OF TOTAL				

**5.106.5.2.1 - Parking stall marking.** Paint, in the paint used for stall striping, the following characters such that the lower edge of the last word aligns with the end of the stall striping and is visible beneath a parked vehicle: CLEAN AIR / VAN POOL / EV

**Note:** Vehicles bearing Clean Air Vehicle stickers from expired HOV lane programs may be considered eligible for designated parking spaces.

**5.106.8 LIGHT POLLUTION REDUCTION. [N]** Outdoor lighting systems shall be designed and installed to comply with the following: 1. The minimum requirements in the California Energy Code for Lighting Zones 1-4 as defined in Chapter 10

of the California Administrative Code; and 2. Backlight, Uplight and Glare (BUG) ratings as defined in IES TM-15-11: and Allowable BUG ratings not exceeding those shown in Table 5.106.8, or

Comply with a local ordinance lawfully enacted pursuant to Section 101.7, whichever is more stringent.

Luminaires that qualify as exceptions in Section 147 of the California Energy Code.

Note: [N] See also California Building Code, Chapter 12, Section 1205.6 for college campus lighting requirements for parking facilities and walkways.

5.106.10 GRADING AND PAVING. Construction plans shall indicate how site grading or a drainage system will manage all surface water flows to keep water from entering buildings. Examples of methods to manage surface

water include, but are not limited to, the following:

Water collection and disposal systems. French drains

Water retention gardens.

5. Other water measures which keep surface water away from buildings and aid in groundwater recharge. **Exception:** Additions and alterations not altering the drainage path.

### **DIVISION 5.2 ENERGY EFFICIENCY**

SECTION 5.201 GENERAL

**5.201.1 Scope.** For the purposes of mandatory energy efficiency standards in this code, the California Energy Commission will continue to adopt mandatory building standards.

DIVISION 5.3 WATER EFFICIENCY AND CONSERVATION

**5.301.1 Scope.** The provisions of this chapter shall establish the means of conserving water use indoors, outdoors

SECTION 5.302 DEFINITIONS

**5.302.1 Definitions.** The following terms are defined in Chapter 2 (and are included here for reference)

GRAYWATER. Pursuant to Health and Safety Code Section 17922.12, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes, but is not limited to wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines and laundry tubs, but does not include waste water from kitchen sinks or

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). The California ordinance regulating landscape design, installation and maintenance practices that will ensure commercial, multifamily and other developer installed landscapes greater than 2500 square feet meet an irrigation water budget developed based on landscaped area and

MODEL WATER EFFICIENT LANDSCAPE ORDINANCE (MWELO). [HCD] The California model ordinance 9California Code of Regulations, Title 23, Division 2, Chapter 2.7), regulating landscape design, installation and maintenance practices. Local agencies are required to adopt the updated MWELO, or adopt a local ordinance at least

POTABLE WATER. Water that is drinkable and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards. See definition in the California Plumbing Code, Part 5.

POTABLE WATER. [HCD] Water that is satisfactory for drinking, culinary, and domestic puroses, and meets the U.S. Environmental Protection Agency (EPA) Drinking Water Standards and the requirements of the Health Authority Having Jurisdiction.

RECYCLED WATER. Water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur [Water Code Section 13050 (n)]. Simply put, recycled water is water treated to remove waste matter attaining a quality that is suitable to use the water again.

SUBMETER. A meter installed subordinate to a site meter. Usually used to measure water intended for one purpose,

such as landscape irrigation. For the purposes of CALGreen, a dedicated meter may be considered a submeter.

WATER BUDGET. Is the estimated total landscape irrigation water use which shall not exceed the maximum applied water allowance calculated in accordance with the Department of Water Resources Model Efficient Landscape

SECTION 5.303 INDOOR WATER USE **5.303.1 METERS.** Separate submeters or metering devices shall be installed for the uses described in Sections

**5.303.1.1 Buildings in excess of 50,000 square feet.** Separate submeters shall be installed as follows: 1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop. 2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the

a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s) . b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s) Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW)

5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.

5.303.2 WATER REDUCTION. Plumbing fixtures shall meet the maximum flow rate values shown in Table 5.303.2.3

**Exception:** Building that demonstrate 20% overall water use reduction. In this case, a calculation demonstrating a 20% reduction in the building "water use baseline," as established in Table 5.303.2.2, shall be provided.

**5.303.2.1 Areas of addition or alteration.** For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.2 and Section 5.303.3 shall apply to new fixtures in additions or areas of alteration to the building.

SIGNOFF **5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS.** Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following: MANDATORY **5.303.3.1 Water Closets.** The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification

two reduced flushes and one full flush.

Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of

**5.303.3.2 Urinals.** The effective flush volume of urinals shall not exceed 0.5 gallons per flush.

**5.303.3.3.1 Single showerhead.** Showerheads shall have a maximum flow rate of not more than 2.0 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.

**5.303.3.3.2 Multiple showerheads serving one shower.** When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 2.0 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time. Note: A hand-held shower shall be considered a showerhead.

5.303.4 WASTEWATER REDUCTION. [N] Each building shall reduce by 20 percent wastewater by one of the 1. [BSC, DSA-SS] The installation of water-conserving fixtures (water closets, urinals) meeting the criteria established in sections 5.303.2 or 5.303.3. 2. [BSC] Utilizing non-potable water systems [captured rainwater, graywater, and municipally treated wastewater (recycled water) complying with the current edition of the California Plumbing Code or other methods described in Section A5.304.8.

5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the California Plumbing Code, and shall meet the applicable standards referenced in Table 1401.1 of the California Plumbing Code and in Chapter 6 of this code.

1401.1 of the Gamerna Flams	ng dode and in onapter of	or trilo oode.		
TABLE 5.303.2.2 -	WATER USE BAS	SELINE3		
FIXTURE TYPE	FLOW RATE2	DURATION	DAILY USES	OCCUPANTS <sub>2</sub>
SHOWER HEADS	2.0 GPM @ 80 PSI	5 MIN.	1	X2a
LAVATORY FAUCETS (NON-RESIDENTIAL)	0.5 GPM @ 60 PSI	.25 MIN.	3	Х
KITCHEN FAUCETS	2.2 GPM @ 60 PSI	4 MIN.	1	Х2ь
REPLACEMENT AERATORS	2.2 GPM @ 60 PSI			Х
WASH FOUNTAINS	2.2 [RIM SPACE (IN.)/20 GPM@60 PSI]			Х
METERING FAUCETS	0.25 GAL/CYCLE	0.25 MIN.	3	Х
METERING FAUCETS FOR WASH FOUNTAINS	.25 [RIM SPACE (IN.)/20 GPM@60 PSI]	0.25 MIN.		Х
GRAVITY TANK WATER CLOSET	1.28 GAL/FLUSH	1 FLUSH	1 MALE <sub>1</sub> , 3 FEMALE	Х
FLUSHOMETER TANK WATER CLOSET	1.28 GAL/FLUSH	1 FLUSH	1 MALE <sub>1</sub> , 3 FEMALE	Х
FLUSHOMETER VALVE WATER CLOSET	1.28 GAL/FLUSH	1 FLUSH	1 MALE <sub>1</sub> , 3 FEMALE	Х
ELECTROMECHANICAL HYDRAULIC WATER CLOSET	1.28 GAL/FLUSH	1 FLUSH	1 MALE <sub>1</sub> , 3 FEMALE	X
URINALS	0.5 GAL/FLUSH	1 FLUSH	2 MALE	X
			-	-

FIXTURE "WATER USE" = FLOW RATE X DURATION X OCCUPANTS X DAILY USES THE DAILY USE NUMBER SHALL BE INCREASED TO THREE IF URINALS ARE NOT INSTALLED IN THE ROOM.

2. REFER TO TABLE A, CHAPTER 4, CALIF. PLUMBING CODE, FOR OCCUPANT LOAD a. SHOWER USE BY OCCUPANTS DEPENDS ON THE TYPE OF USE OF A BUILDING OR PORTION OF A BUILDING, E.G., TOTAL OCCUPANT LOAD FOR A HEALTH CLUB, BUT ONLY A FRACTION OF THE OCCUPANTS IN AN OFFICE BUILDING AS DETERMINED BY THE ANTICIPATED NUMBER OF USERS KITCHEN FAUCET USE IS DETERMINED BY THE OCCUPANT LOAD OF THE AREA SERVED BY

3. USE WORKSHEET WS-1 TO CALCULATE BASELINE WATER USE.

FIXTURE FLOW RATES
MAX. FLOW RATE @ 20% REDUCTION
1.8 GPM @ 60 PSI
1.8 [RIM SPACE (IN.)/20 GPM @ 60 PSI]
0.20 GALLONS/CYCLE
.20 [RIM SPACE (IN.)/20 GPM @ 60 PSI]

**SECTION 5.304 OUTDOOR WATER USE** 5.304.1 WATER BUDGET. A water budget shall be developed for landscape irrigation use that installed in conjunction with a new building or an addition or alteration conforms to the local water efficient landscape ordinance or to the California Department of Water Resources Water Efficient Landscape Ordinance where no local ordinance is

**Note:** Prescriptive measures to assist in compliance with the water budget are listed in Sections 492.5 through 492.8, 492.10 and 492.11 of the ordinance, which may be found at: http://www.water.ca.gov/wateruseefficiency/docs/WaterOrdSec492.cfm

EXISTING

water service for landscaped areas of at least 1,000 square feet but not more than 5,000 square feet (the level at which Water Code §535 applies), separate submeters or metering devices shall be installed for outdoor .304.3 IRRIGATION DESIGN. In new nonresidential construction with at least 1,000 but not more than 2,500 square

5.304.2 OUTDOOR POTABLE WATER USE. For new water service or for addition or alteration requiring upgraded

feet of cumulative landscaped area (the level at which the MWELO applies), install irrigation controllers and sensors which include the following criteria, and meet manufacturer's recommendations 5.304.3.1 Irrigation controllers. Automatic irrigation system controllers installed at the time of final

inspection shall comply with the following:

Controllers shall be weather- or soil moisture-based controllers that automatically adjust irrigation in response to changes in plants needs as weather conditions change. Weather-based controllers without integral rain sensors or communication systems that account for rainfall shall have a separate wired or wireless rain sensor which connects or communicates with the

controller (s) . Soil moisture-based controllers are not required to have rain sensor input. Note: More information regarding irrigation controller function and specifications is available from the Irrigation Association

**DIVISION 5.4 MATERIAL CONSERVATION** AND RESOURCE EFFICIENCY

**SECTION 5.401 GENERAL** 

according to design quantities

**EXISTING** 

**MANDATORY** 

**5.401.1 SCOPE.** The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting. SECTION 5.402 DEFINITIONS

**5.402.1 DEFINITIONS.** The following terms are defined in Chapter 2 (and are included here for reference)

BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals,

ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or

BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner s project requirements.

**TEST.** A procedure to determine quantitative performance of a system or equipment

SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT 5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403,2 (Weather Protection) and California Energy Code Section 150. (Mandatory Features and Devices), manufacturer s installation instructions or local ordinance, whichever is

**5.407.2 MOISTURE CONTROL.** Employ moisture control measures by the following methods.

5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures. **5.407.2.2 Entries and openings.** Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:

**5.407.2.2.1 Exterior door protection.** Primary exterior entries shall be covered to prevent water intrusion using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings

plus at least one of the following An installed awning at least 4 feet in depth. The door is protected by a roof overhang at least 4 feet in depth.

The door is recessed at least 4 feet. 4. Other methods which provide equivalent protection

**5.407.2.2.2 Flashing.** Install flashings integrated with a drainage plane.

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND **5.408.1 CONSTRUCTION WASTE MANAGEMENT.** Recycle and/or salvage for reuse a minimum of 50% of the

non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent. 5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale. 2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) of bulk mixed (single stream)

3. Identifies diversion facilities where construction and demolition waste material collected will be taken

4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both. **5.408.1.2 Waste Management Company.** Utilize a waste management company that can provide verifiable

documentation that the percentage of construction and demolition waste material diverted from the landfill Note: The owner or contractor shall make the determination if the construction and demolition waste material

will be diverted by a waste management company. **Exceptions to Sections 5.408.1.1 and 5.408.1.2:** 

 Excavated soil and land-clearing debris 2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle

facilities capable of compliance with this item do not exist. 3. Demolition waste meeting local ordinance or calculated in consideration of load recycleing facilities

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 50% minimum requirement as approved by the enforcing agency.

**5.408.1.4 Documentation.** Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential) " located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the 2. Mixed construction and demolition debris processors can be located at the California Department of

Resources Recycling and Recovery (CalRecycle) . **5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. [BSC]** 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased

project, such material may be stockpiled on site until the storage site is developed.

**Exception:** Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.

1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material. 2. For a map of know pest and/or disease quarantine zones, consult with the California Department of Food SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS

**5.410.1 RECYCLING BY OCCUPANTS.** Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.

5.410.1.1 Additions. [A] All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site. **Exception:** Additions within a tenant space resulting in less than a 30% increase in the tenant space floor

5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division

30 of the Public Resources Code. Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act) Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle s web site.

**5.410.2 COMMISSIONING. [N]** For new buildings 10,000 square feet and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner s or owner representative s project requirements. Commissioning shall be performed in accordance with this section by trained personnel with experience on projects of comparable size and complexity. Commissioning requirements shall include: Owner s or Owner representative s project requirements.

Commissioning measures shown in the construction documents.

Commissioning plan. Functional performance testing.

Documentation and training. Commissioning report.

Dry storage warePNL-Hs of any size. Areas under 10,000 square feet used for offices or other conditioned accessory spaces within dry

Tenant improvements under 10,000 square feet as described in Section 303.1.1

All building systems and components covered by Title 24, Part 6, as well as process equipment and controls, and renewable energy systems shall be included in the scope of the commissioning requirements.

BUILDING DEPARTMENT CITY OF VISALIA **ADDRESS:** 315 E. ACEQUIA AVE. VISALIA, CA 93291 559-713-4444

BUILDING OWNER NEIL ANGELILLO TRUE NORTH PROPERTIES 1155 W. SHAW #104 FRESNO, CA 93711 559-222-5768

TENANT STANTON OPTICAL ADDRESS: 3801 CONGRESS AVE. PALM SPRINGS, FL 33461

PHONE: 」 561−275−2020 CONTRACTOR <u>COMPANY:</u> T.B.D. NAME:

<u> ADDRESS:</u>

PHONE:

CONSTRUCTION SITE 3530 S. MOONEY BLVD. VISALIA, CA 93277 SITE APN:

122-290-026-000 DRAWING INFORMATION <u>REVISION DATE</u> 12-29-14

FILE NAME: 14-1010-STANTON-VISALIA DRAWING SCALE:

# 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY RES, SHEET 2

INSPECTOR SIGNOFF	<ul> <li>5.410.2.1 Owner's or Owner Representative's Project Requirements (OPR). [N] The expectations and requirements of the building appropriate to its phase shall be documented before the design phase of the project begins. This documentation shall include the following: <ol> <li>Environmental and sustainability goals.</li> <li>Energy efficiency goals [refer to 2013 California Energy Code, Section 120.8 (b) ].</li> </ol> </li> </ul>	MAN
	<ol> <li>Indoor environmental quality requirements.</li> <li>Project program, including facility functions and hours of operation, and need for after hours operation.</li> <li>Equipment and systems expectations.</li> <li>Building occupant and operation and maintenance (O&amp;M) personnel expectations.</li> </ol>	
	5.410.2.2 Basis of Design (BOD). [A] A written explanation of how the design of the building systems meets the OPR shall be completed at the design phase of the building project. The Basis of Design document shall cover the	MAN
	following systems:  1. Heating, ventilation, air conditioning (HVAC) systems and controls [refer to 2013 California Energy Code, Section 120.8 (c)].	2442
	<ol> <li>Indoor lighting system and controls [refer to 2013 California Energy Code, Section 120.8 (c) ].</li> <li>Water heating system [refer to 2013 California Energy Code, Section 120.8 (c) ].</li> <li>Renewable energy systems.</li> <li>Landscape irrigation systems.</li> <li>Water reuse systems.</li> </ol>	MAN
	<ol> <li>5.410.2.3 Commissioning plan. [N] Prior to permit issuance a commissioning plan shall be completed to document how the project will be commissioned. The commissioning plan shall include the following:         <ol> <li>General project information.</li> <li>Commissioning goals.</li> <li>Systems to be commissioned. Plans to test systems and components shall include:</li></ol></li></ol>	
	<b>5.410.2.4 Functional performance testing.</b> [A] Functional performance tests shall demonstrate the correct installation and operation of each component, system and system-to-system interface in accordance with the approved plans and specifications. Functional performance testing reports shall contain information addressing each of the building components tested, the testing methods utilized, and include any readings and adjustments	
	made.  5.410.2.5 Documentation and training. [N] A Systems Manual and Systems Operations Training are required, including Occupational Safety and Health Act (OSHA) requirements in California Code of Regulations (CCR), Title 8, Section 5142, and other related regulations.	
	<ul> <li>5.410.2.5.1 Systems manual. [N] Documentation of the operational aspects of the building shall be completed within the systems manual and delivered to the building owner or representative. The systems manual shall include the following: <ol> <li>Site information, including facility description, history and current requirements.</li> <li>Site contact information.</li> <li>Basic operations and maintenance, including general site operating procedures, basic troubleshooting, recommended maintenance requirements, site events log.</li> <li>Major systems.</li> <li>Site equipment inventory and maintenance notes.</li> <li>A copy of verifications required by the enforcing agency or this code.</li> <li>Other resources and documentation, if applicable.</li> </ol> </li> </ul>	
	<ul> <li>5.410.2.5.2 Systems operations training. [N] A program for training of the appropriate maintenance staff for each equipment type and/or system shall be developed and documented in the commissioning report and shall include the following: <ol> <li>System/equipment overview (what it is, what it does and with what other systems and/or equipment it interfaces)</li> <li>Review and demonstration of servicing/preventive maintenance.</li> <li>Review of the information in the Systems Manual.</li> </ol> </li> <li>Review of the record drawings on the system/equipment.</li> </ul>	
	<ul> <li>5.410.2.6 Commissioning report. A report of commissioning process activities undertaken through the design, construction phases of the building project shall be completed and provided to the owner or representative.</li> </ul>	
	Note: Guidance on implementation and enforcement of commissioning requirements, including sample compliance forms and templates, may be found in Appendix A6, Division A6.1, of this code.	
	<b>5.410.4 TESTING AND ADJUSTING.</b> Testing and adjusting of systems shall be required for buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.	
	<ul> <li>5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project: <ol> <li>HVAC systems and controls.</li> <li>Indoor and outdoor lighting and controls.</li> <li>Water heating systems.</li> <li>Renewable energy systems.</li> <li>Landscape irrigation systems.</li> <li>Water reuse systems.</li> </ol> </li> </ul>	
	5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.	
	5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as	
MANDATORY	approved by the enforcing agency.  5.410.4.4 Reporting. After completion of testing, adjusting and balancing, provide a final report of testing signed by the individual responsible for performing these services.	
	<b>5.410.4.5 Operation and maintenance (O &amp; M) manual.</b> Provide the building owner or representative with detailed operating and maintenance instructions and copies of guaranties/warranties for each system. O & M instructions shall be consistent with OSHA requirements in CCR, Title 8, Section 5142, and other related	
	regulations.  5.410.4.5.1 Inspections and reports. Include a copy of all inspection verifications and reports required	
	by the enforcing agency.  DIVISION 5.5 ENVIRONMENTAL QUALITY  SECTION 5.501 GENERAL  5.501.1 SCOPE. The provisions of this chapter shall outline means of reducing the quantity of air contaminants that	
	are odorous, irritating, and/or harmful to the comfort and well-being of a building's installers, occupants and neighbors.  SECTION 5.502 DEFINITIONS	
	5.502.1 DEFINITIONS. The following terms are defined in Chapter 2 (and are included here for reference) COMMUNITY NOISE EQUIVALENT LEVEL (CNEL). A metric similar to the day-night average sound level (Ldn), except that a 5 decibel adjustment is added to the equivalent continuous sound exposure level for evening hours (7pm to 10pm) in addition to the 10 dB nighttime adjustment used in the Ldn.	
	COMPOSITE WOOD PRODUCTS. Composite wood products include hardwood plywood, particleboard and medium density fiberboard. Composite wood products does not include hardboard, structural plywood, structural panels, structural composite lumber, oriented strand board, glued laminated timber, timber, prefabricated wood I- joists or finger- jointed lumber, all as specified in California Code of Regulations (CCR), Title 17, Section 93120.1 (a).	
	Note: See CCR, Title 17, Section 93120.1.  MERV. Filter minimum efficiency reporting value, based on ASHRAE 52.2- 1999.	
	<b>REACTIVE ORGANIC COMPOUND (ROC).</b> Any compound that has the potential, once emitted, to contribute to ozone formation in the troposphere.	
	VOC. A volatile organic compound broadly defined as a chemical compound based on carbon chains or rings with vapor pressures greater than 0.1 millimeters of mercury at room temperature. These compounds typically contain hydrogen and may contain oxygen, nitrogen and other elements. See CCR Title 17, Section 94508 (a).  Note: Where specific regulations are cited from different agencies such as SCAQMD, ARB, etc., the VOC definition included in that specific regulation is the one that prevails for the specific measure in question.	
N/A	<ul> <li>SECTION 5.503 FIREPLACES</li> <li>5.503.1 GENERAL. Install only a direct-vent sealed-combustion gas or sealed wood-burning fireplace, or a sealed woodstove or pellet stove, and refer to residential requirements in the California Energy Code, Title 24, Part 6, Subchapter 7, Section 150. Woodstoves, pellet stoves and fireplaces shall comply with applicable local ordinances.</li> </ul>	
	ordinances.  5.503.1.1 Woodstoves. Woodstoves and pellet stoves shall comply with U.S. EPA Phase II emission limits	

MEAS	JRES, SHEET 2	2	
INSPECTOR SIGNOFF	SECTION 5.504 POLLUTANT CONTROL		
MANDATORY	5.504.1.3 Temporary ventilation. The permanent HVAC necessary to condition the building or areas of addition or material and equipment installation. If the HVAC system is Minimum Efficiency Reporting Value (MERV) of 8, based 30% based on ASHRAE 52.1-1992 Replace all filters immoccupied during alteration, at the conclusion of construction	alteration within the required temps used during construction, use reled on ASHRAE 52.2-1999, or an anediately prior to occupancy, or, if	erature range for turn air filters with verage efficiency
MANDATORY	5.504.3 Covering of duct openings and protection of mech rough installation, or during storage on the construction sit ventilating equipment, all duct and other related air distribu- plastic, sheet metal or other methods acceptable to the en- debris which may collect in the system.	te and until final startup of the heat ution component openings shall be	ing, cooling and covered with tap
MANDATORY	5.504.4 Finish material pollutant control. Finish materials s	hall comply with Sections 5.504.4.	1 through 5.504.4
W/WO/TOKT	<ul> <li>5.504.4.1 Adhesives, sealants and caulks. Adhesives, the requirements of the following standards: <ol> <li>Adhesives, adhesive bonding primers adhesive p comply with local or regional air pollution control or air applicable, or SCAQMD Rule 1168 VOC limits, as she products also shall comply with the Rule 1168 prohibit (chloroform, ethylene dichloride, methylene chloride, aerosol products as specified in subsection 2, bel</li> <li>Aerosol adhesives, and smaller unit sizes of adhe units of product, less packaging, which do not weigh rethan 16 fluid ounces) shall comply with statewide VC</li> </ol> </li></ul>	orimers, sealants, sealant primers as a quality management district rules own in Tables 5.504.4.1 and 5.504 tion on the use of certain toxic comperchloroethylene and trichloroeth low.  Desives, and sealant or caulking compore than one pound and do not comperchance.	and caulks shall where .4.2. Such apounds ylene), except for apounds (in onsist of more
	prohibitions on use of certain toxic compounds, of <i>Cal</i> with Section 94507.	lifornia Code of Regulations, Title	17, commencing
	TABLE 5.504.4.1 - ADHESIVE	VOC   IMIT <sub>1.2</sub>	]
	Less Water and Less Exempt Compounds		<u>.</u>
	DESIGNERURAL APPLICATIONS	CURRENT VOC LIMIT	
	INDOOR CARPET ADHESIVES	50	-
	CARPET PAD ADHESIVES	50	-
	OUTDOOR CARPET ADHESIVES	150	<u> </u>
	WOOD FLOORING ADHESIVES	100	-
	RUBBER FLOOR ADHESIVES	60	-
		50	
	SUBFLOOR ADHESIVES	65	-
	CERAMIC TILE ADHESIVES		-
	VCT & ASPHALT TILE ADHESIVES	50	
	DRYWALL & PANEL ADHESIVES	50	
	COVE BASE ADHESIVES	50	
	MULTIPURPOSE CONSTRUCTION ADHESIVES	70	
	STRUCTURAL GLAZING ADHESIVES	100	
	SINGLE-PLY ROOF MEMBRANE ADHESIVES	250	
	OTHER ADHESIVES NOT SPECIFICALLY LISTED	50	
	SPECIALTY APPLICATIONS		
	PVC WELDING	510	
	CPVC WELDING	490	-
	ABS WELDING	325	-
	PLASTIC CEMENT WELDING	250	-
	ADHESIVE PRIMER FOR PLASTIC	550	
	CONTACT ADHESIVE	80	-
	SPECIAL PURPOSE CONTACT ADHESIVE	250	-
		140	-
	STRUCTURAL WOOD MEMBER ADHESIVE  TOP & TRIM ADHESIVE	250	<u> </u>
		250	
	SUBSTRATE SPECIFIC APPLICATIONS	70	-
	METAL TO METAL	30	<u> </u>
	PLASTIC FOAMS	50	
	POROUS MATERIAL (EXCEPT WOOD)	50	
	WOOD	30	
	FIBERGLASS	80	
	1. IF AN ADHESIVE IS USED TO BOND DI TOGETHER, THE ADHESIVE WITH THE HIGH BE ALLOWED.  2. FOR ADDITIONAL INFORMATION REGAR MEASURE THE VOC CONTENT SPECIFIED II COAST AIR QUALITY MANAGEMENT DISTRIC www.arb.ca.gov/DRDB/SC/CURHTML/R116	IEST VOC CONTENT SHALL  DING METHODS TO  N THIS TABLE, SEE SOUTH  T RULE 1168,	
	TABLE 5.504.4.2 — SEALANT V		
	Less Water and Less Exempt Compounds		
	SEALANTS	CURRENT VOC LIMIT	1
	DESIGNERURAL	250	-
	MARINE DECK	760	1
	NONMEMBRANE ROOF	300	-
	ROADWAY	250	-
	SINGLE—PLY ROOF MEMBRANE	450	-
		420	-
	OTHER	<del>4</del> 20	

Less Water and Less Exempt Compo	unds in Grams per Liter
SEALANTS	CURRENT VOC LIMIT
DESIGNERURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
DESIGNERURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

**5.504.4.3 Paints and coatings.** DESIGNERural paints and coatings shall comply with VOC limits in Table 1 of the ARB DESIGNERural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or

**5.504.4.3.1 Aerosol Paints and coatings.** Aerosol paints and coatings shall meet the PWMIR Limits for ROC in Section 94522 (a) (3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522 (c) (2) and (d) (2) of California Code of Regulations, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Management District additionally comply with the percent VOC by weight of Area Air Quality product limits of Regulation 8

### 5.504.1.3 Temporary ventilation. The permanent HVAC system shall only be used during construction if

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**MANDATORY** 

MANDATORY

| MANDATORY

COATING CATEGORY	CURRENT VOC LIMIT
FLAT COATINGS	50
NONFLAT COATINGS	100
NONFLAT HIGH GLOSS COATINGS	150
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS1	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLACS:	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350

|TABLE 5.504.4.3 — VOC CONTENT LIMITS FOR DESIGNERURAL

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT 3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, DESIGNERURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following: Field verification of on-site product containers

**5.504.4.4 Carpet Systems.** All carpet installed in the building interior shall meet at least one of the testing and Carpet and Rug Institute's Green Label Plus Program.

Compliant with the VOC-emission limits and testing requirements specified in the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as CDPH Standard Method V1.1 or Specification 01350) . NSF/ANSI 140 at the Gold level or higher;

Scientific Certifications Systems Sustainable Choice; or Compliant with the California Collaborative for High Performance Schools (CA-CHPS) Criteria Interpretation for EQ 2.2 dated July 2012 and listed in the CHPS High Performance Product Database. **5.504.4.4.1 Carpet cushion**. All carpet cushion installed in the building interior shall meet the

requirements of the Carpet and Rug Institute Green Label program. 5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1. **5.504.4.5 Composite wood products.** Hardwood plywood, particleboard and medium density fiberboard

composite wood products used on the interior or exterior of the buildings shall meet the requirements for

**5.504.4.5.3 Documentation.** Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following: Product certifications and specifications.

formaldehyde as specified in ARB's Air Toxics Control Measure for Composite Wood (17 CCR 93120 et seq.) Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table

Chain of custody certifications. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR. Title 17. Section 93120, et seg.) 4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered

Wood Association, the Australian AS/NZS 2269 or European 636 3S standards. 5. Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE I	LIMITS1
MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION	
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD2	0.13
1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPERESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR CACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFOR REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120	COMPOSITE WOOD AS TESTED IN MATION, SEE CALIFORNIA CODE OF
2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (8 MM).	

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Department of Public Health's 2010 Standard Method for the Testing and Evaluation Chambers, Version

5.504.4.6 Resilient flooring systems. For 80 percent of floor area receiving resilient flooring, installed resilient flooring shall meet at least one of the following: 1. Certified under the Resilient Floor Covering Institute (RFCI) FloorScore program; 2. Compliant with the VOC-emission limits and testing requirements specified in the California

3. Compliant with the California Collaborative for High Performance Schools (CA-CHPS) Criteria Interpretation for EQ 2.2 dated July 2012 and listed in the CHPS High Performance Product Database; or 4. Compliant with CDPH criteria as certified under the Greenguard Children's & Schools Program.

**5.504.4.6.1 Verification of compliance.** Documentation shall be provided verifying that resilient flooring

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 8. MERV 8 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

An ASHRAE 10% to 15% efficiency filter shall be permitted for an HVAC unit meeting the 2013 California Energy Code having 60,000 Btu/h or less capacity per fan coil, if the energy use of the air delivery system is 0.4 W/cfm or less at design air flow. 2. Existing mechanical equipment.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking. prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations; or as enforced by ordinances, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL 5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1203 (Ventilation) and Chapter 14 (Exterior Walls) . For additional measures not applicable to low-rise residential occupancies, see Section 5.407.2 of this code.

**SECTION 5.506 INDOOR AIR QUALITY** 

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 121 (Requirements For Ventilation) of the 2010 California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO2) MONITORING. For buildings or additions equipped with demand control ventilation, CO2 sensors and ventilation controls shall be specified and installed in accordance with the requirements of the 2013 California Energy Code, Section 120 (c) (4) .

**SECTION 5.507 ENVIRONMENTAL COMFORT** 

**5.507.4 ACOUSTICAL CONTROL.** Employ building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Fransmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

**Exception:** Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcement authority, such as factories, stadiums, storage, enclosed parking structures and

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-celling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of no less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

Exceptions: 1. Ldn or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan. 2. Ldn or CNEL for other airports and heliports for which a land use plan has not been developed

shall be determined by the local general plan noise element. 2. Within the 65 CNEL or Ldn noise contour of a freeway or expressway, railroad, industrial source or

fixed-guideway source as determined by the Noise Element of the General Plan. **5.507.4.2 Performance Method.** For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and

roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1Hr) of 50 dBA in occupied areas during any hour of

**5.507.4.2.1 Site Features.** Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior sound levels shall be prepared by personnel approved by the DESIGNER or engineer of record.

**5.507.4.3 Interior sound.** Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40. Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc\_icc\_ratings.pdf.

### CHAPTER 7

### **INSTALLER & SPECIAL INSPECTOR QUALIFICATIONS 702 QUALIFICATIONS**

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following: State certified apprenticeship programs.

Public utility training programs. 3. Training programs sponsored by trade, labor or statewide energy consulting or verification

4. Programs sponsored by manufacturing organizations. 5. Other programs acceptable to the enforcing agency.

**702.2 SPECIAL INSPECTION [HCD].** When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

L. Certification by a national or regional green building program or standard publisher. 2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors. 3. Successful completion of a third party apprentice training program in the appropriate trade.

4. Other programs acceptable to the enforcing agency. 1. Special inspectors shall be independent entities with no financial interest in the materials or the

project they are inspecting for compliance with this code. 2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association. as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

### **703 VERIFICATIONS**

**703.1 DOCUMENTATION.** Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.

NESTO

BUILDING DEPARTMENT CITY OF VISALIA ADDRESS: 315 E. ACEQUIA AVE. VISALIA, CA 93291 J 559−713−4444

BUILDING OWNER <u> ADDRESS:</u> 1155 W. SHAW #104 FRESNO, CA 93711 559-222-5768

TENANT STANTON OPTICAL 3801 CONGRESS AVE. PALM SPRINGS, FL 33461

561-275-2020

CONTRACTOR <u>COMPANY:</u> T.B.D. NAME: <u> ADDRESS:</u>

PHONE:

CONSTRUCTION SITE

3530 S. MOONEY BLVD. VISALIA, CA 93277

SITE APN: 122-290-026-000

DRAWING INFORMATION <u>REVISION DATE</u> 12-29-14

FILE NAME: 14-1010-STANTON-VISALIA

DRAWING SCALE: N/A

### **DISABLED ACCESS GENERAL NOTES**

DISABLED ACCESS GENERAL NOTES

ACCESSIBLE ROUTE OF TRAVEL IS A CONTINUOUS UNOBSTRUCTED PATH CONNECTING ALL ACCESSIBLE ELEMENTS AND SPACES IN AN ACCESSIBLE BUILDING OR FACILITY THAT CAN BE NEGOTIATED BY A PERSON WITH A DISABILITY USING A WHEELCHAIR AND THAT IS ALSO SAFE FOR AND USABLE BY PERSONS WITH OTHER DISABILITIES, AND THAT IS CONSISTENT WITH THE DEFINITION OF "PATH OF TRAVEL" IN THIS SECTION. INTERIOR ACCESSIBLE ROUTES MAY INCLUDE CORRIDORS, FLOORS, RAMPS, ELEVATORS, LIFTS AND CLEAR FLOOR SPACE AT FIXTURES. EXTERIOR ACCESSIBLE ROUTES MAY INCLUDE PARKING ACCESS AISLES, CURB RAMPS, CROSSWALKS AT VEHICULAR WAYS, WALKS, SIDEWALKS, RAMPS, AND LIFTS. AN ACCESSIBLE ROUTE DOES NOT INCLUDE STAIRS, STEPS OR ESCALATORS.

- AT LEAST ONE ACCESSIBLE ROUTE WITHIN THE BOUNDARY OF THE SITE SHALL BE PROVIDED FROM PUBLIC TRANSPORTATION STOPS, ACCESSIBLE PARKING, ACCESSIBLE PASSENGER LOADING ZONES, AND PUBLIC STREETS OR SIDEWALKS TO THE ACCESSIBLE BUILDING ENTRANCE THEY SERVE. WHEN MORE THAN ONE ROUTE IS PROVIDED, ALL ROUTES SHALL BE ACCESSIBLE. 2013 CBC SEC. 1114B.1.2.
- WHEN MORE THAN ONE BUILDING OR FACILITY IS LOCATED ON A SITE, ACCESSIBLE ROUTES OF TRAVEL SHALL BE PROVIDED BETWEEN BUILDINGS AND ACCESSIBLE SITE FACILITY. 2013 CBC SEC. 1114B.1.2
- THE ACCESSIBLE ROUTE OF TRAVEL SHALL "BE THE MOST PRACTICAL DIRECT ROUTE BETWEEN ACCESSIBLE BUILDING ENTRANCES, ACCESSIBLE SITE FACILITIES, AND THE ACCESSIBLE ENTRANCE TO THE SITE TO THE MAXIMUM EXTENT FEASIBLE, COINCIDING WITH THE ROUTE FOR THE GENERAL PUBLIC." 2013 CBC, CHAPTER 11B.
- PROVIDE SIGNS DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND SHALL COMPLY WITH 2013 CBC SEC.
- NOTE: THESE PLANS ARE BEING REVIEWED FOR STATE ACCESSIBILITY REGULATIONS ONLY.

#### ENTRANCES AND EXITS:

- ALL ENTRANCES AND ALL EXTERIOR GROUND-LEVEL EXITS SHALL BE ACCESSIBLE IN COMPLIANCE WITH 2013 CBC
- ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE SHALL BE IDENTIFIED WITH AT LEAST ONE STANDARD SIGN AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS. 2013 CBC.

### **DOOR REQUIREMENTS**

1133B.2.1 TYPE OF LOCK OR LATCH. SEE CHAPTER 10, SEC. 1008.1.8.

1133B.2.2 WIDTH AND HEIGHT. EVERY REQUIRED EXIT DOORWAY SHALL BE OF A SIZE AS TO PERMIT THE INSTALLATION OF A DOOR NOT LESS THAN 3 FEET (914 MM) IN WIDTH AND NOT LESS THAN 6 FEET 8 INCHES (2032 MM) IN HEIGHT

WHEN INSTALLED IN EXIT DOORWAYS, EXIT DOORS SHALL BE CAPABLE OF OPENING AT LEAST 90 DEGREES AND SHALL BE SO MOUNTED THAT THE CLEAR WIDTH OF THE EXIT IS NOT LESS THAN 32 INCHES (813 MM) MEASURED BETWEEN THE FACE OF THE DOOR AND THE OPPOSITE STOP (SEE FIGURE 11B-5B). IN COMPUTING THE EXIT WIDTH THE NET DIMENSION OF THE EXIT SHALL BE USED.

EXCEPTION: DOORS NOT REQUIRING FULL USER PASSAGE, SUCH AS SHALLOW CLOSETS, MAY HAVE THE CLEAR OPENING REDUCED TO 20 INCHES (510 MM) MINIMUM.

1133B.2.3 HINGED DOORS. FOR HINGED DOORS, THE OPENING WIDTH SHALL BE MEASURED WITH THE DOOR POSITIONED AT AN ANGLE OF 90' FROM ITS CLOSED POSITION.

1133B.2.3.1 PAIRS OF DOORS. WHERE A PAIR OF DOORS IS UTILIZED, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES (813 MM) WITH THE LEAF POSITIONED AT AN ANGLE OF 90°

1133B.2.3.2 AUTOMATIC AND POWER-ASSISTED DOORS. IF AN AUTOMATIC DOOR IS USED, THEN IT SHALL COMPLY WITH BHMA A156.10. SLOWLY OPENING, LOW-POWERED, AUTOMATIC DOORS SHALL COMPLY WITH BHMA A156.19. SUCH DOORS SHALL NOT OPEN TO BACK CHECK FASTER THAN 3 SECONDS AND SHALL REQUIRE NO MORE THAN 15 LBF (66.72 N) TO STOP DOOR MOVEMENT. IF A POWER-ASSISTED DOOR IS USED, ITS DOOR-OPENING FORCE SHALL COMPLY WITH SECTION 1133B.2.5 AND ITS CLOSING SHALL CONFORM TO THE REQUIREMENTS IN BHMA A156.19. WHEN AN AUTOMATIC DOOR OPERATOR IS UTILIZED TO OPERATE A PAIR OF DOORS, AT LEAST ONE OF THE DOORS SHALL PROVIDE A CLEAR, UNOBSTRUCTED OPENING WIDTH OF 32 INCHES (813 MM) WITH THE DOOR POSITIONED AT AN ANGLE OF 90° FROM ITS CLOSED POSITION.

#### EXCEPTIONS:

FROM ITS CLOSED POSITION.

1. THE PROVISIONS OF SECTION 1133B.2.3 SHALL NOT APPLY TO EXISTING BUILDINGS, EXCEPT WHEN OTHERWISE REQUIRED UNDER CONDITIONS APPLICABLE TO ACCESS FOR PERSONS WITH DISABILITIES. IN EXISTING BUILDINGS, THE FOLLOWING SHALL APPLY:

WHERE THE OCCUPANT LOAD IS LESS THAN 10, EXCEPT GROUP I, DIVISION 1 OCCUPANCIES, OR WHERE THE OCCUPANT LOAD IS GREATER THAN 10 AND IT IS DETERMINED THAT COMPLIANCE WITH SECTION 1133B.2.3 WOULD CREATE AN UNREASONABLE HARDSHIP, A PROJECTION OF § INCH (16 MM) MAXIMUM WILL BE PERMITTED FOR THE

2. IN EXISTING BUILDINGS, THE PROVISIONS OF THIS SECTION SHALL NOT APPLY WHEN LEGAL OR PHYSICAL CONSTRAINTS WILL NOT ALLOW COMPLIANCE WITH THESE BUILDING STANDARDS OR EQUIVALENT FACILITATION WITHOUT CREATING AN UNREASONABLE HARDSHIP. SEE SECTION 1.9.1.5.

REVOLVING DOORS. REVOLVING DOORS SHALL NOT BE USED AS A REQUIRED ENTRANCE FOR PERSONS WITH DISABILITIES.

11.33B.2.3.4 TURNSTILES, RAILS AND PEDESTRIAN CONTROLS. WHERE TURNSTILES AND CROWD CONTROL BARRIERS ARE UTILIZED IN A FACILITY FOR THE PURPOSE OF PROVIDING FULLY CONTROLLED ACCESS, SUCH AS WHERE AN ADMISSION PRICE IS CHARGED, A DOOR OR GATE THAT IS ACCESSIBLE TO PERSONS WITH DISABILITIES SHALL BE PROVIDED ADJACENT TO EACH TURNSTILE EXIT OR ENTRANCE. THIS ALTERNATE PASSAGEWAY SHALL BE MAINTAINED IN AN UNLOCKED CONDITION DURING BUSINESS HOURS AND THE DOOR OR GATE SHALL NOT ACTIVATE A PUBLICLY AUDIBLE ALARM SYSTEM. THE DOOR OR GATE MAY BE LATCHED WHERE ALL GATES ARE RESTRICTED AND CONTROLLED BY AN ATTENDANT AND A SIGN IS POSTED STATING, ALL GATES ARE RESTRICTED AND CONTROLLED BY AN ATTENDANT." THE ACCESSIBLE DOOR OR GATE SHALL PROVIDE THE SAME USE PATTERN. WHERE POSTS, RAILS OR OTHER PEDESTRIAN CONTROLS ARE UTILIZED TO CREATE CROWD CONTROL AISLES OR LANES, A MINIMUM OF ONE LANE SHALL BE ACCESSIBLE AND SHALL PROVIDE A MINIMUM AISLE WIDTH NO LESS THAN INDICATED IN FIGURES J1B—5E(A) AND (B) WITH 32 INCHES (813 MM) OF CLEAR OPENING.

EXCEPTION: IN EXISTING BUILDINGS, SECTION 1133B.2.3 SHALL NOT APPLY WHEN PHYSICAL CONSTRAINTS OR EQUIVALENT FACILITATION WILL NOT ALLOW COMPLIANCE WITH THESE BUILDING STANDARDS WITHOUT CREATING AN UNREASONABLE HARDSHIP. SEE SECTION 1.9.1.5.

1133B.2.4 FLOOR LEVEL AT DOORS. REGARDLESS OF THE OCCUPANT LOAD, THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR.

1133B.2.4.1 THRESHOLDS. THE FLOOR OR LANDING SHALL NOT BE MORE THAN  $\frac{1}{2}$  INCH (12.7MM) LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN  $\frac{1}{4}$  INCH (6 MM) AND  $\frac{1}{2}$  INCH (12.7 MM) SHALL BE BEVELED WITH A SLOPE NO GREATER THAN ONE UNIT VERTICAL IN 2 UNITS HORIZONTAL (50% SLOPE). CHANGE IN LEVEL GREATER THAN  $\frac{1}{2}$  INCH (12.7 MM) SHALL BE ACCOMPLISHED BY MEANS OF A RAMP. SEE SECTION 1133B.5.1.

1133B.2.4.2 MANEUVERING CLEARANCES AT DOORS. MINIMUM MANEUVERING CLEARANCES AT DOORS SHALL BE AS SHOWN IN FIGURES 11B-26A, 11B-26B AND 11B-26C. THE FLOOR OR GROUND AREA WITHIN THE REQUIRED CLEARANCES SHALL BE LEVEL AND CLEAR

THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60 INCHES (1524 MM) AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48 INCHES (1219 MM) AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN ITS CLOSED POSITION.

EXCEPTION: THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING SHALL BE A MINIMUM OF 44 INCHES (1118 MM) WHERE THE DOOR HAS NO CLOSER AND APPROACH TO THE DOOR BY A PERSON IN A WHEELCHAIR CAN BE MADE FROM THE LATCH SIDE, OR IF THE DOOR HAS NEITHER LATCH NOR CLOSER AND APPROACH CAN BE MADE FROM THE HINGE SIDE. SEE FIGURES 111B-26A AND 11B-26B.

1133B.2.4.3 THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24 INCHES (610 MM) PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR DOORS AND 18 INCHES (457MM) PAST THE STRIKE

EDGE FOR INTERIOR DOORS.

TWENTY-FOUR INCHES (610 MM) IS PREFERRED FOR STRIKE-SIDE CLEARANCE.

1133B.2.4.4 THE SPACE BETWEEN TWO CONSECUTIVE DOOR OPENINGS IN A VESTIBULE, SERVING OTHER THAN A REQUIRED EXIT STAIRWAY SHALL PROVIDE A MINIMUM OF 48 INCHES (1219 MM) OF CLEAR SPACE FROM ANY DOOR OPENING INTO SUCH VESTIBULE WHEN THE DOOR IS POSITIONED AT AN ANGLE OF 90' FROM ITS CLOSED POSITION. DOORS IN A SERIES SHALL SWING EITHER IN THE SAME DIRECTION OR AWAY FROM THE SPACE BETWEEN THE DOORS. SEE FIGURES 11B-30 AND 11B-31.

1133B.2.4.5 RECESSED DOORS. WHERE A DOOR REQUIRED TO BE ACCESSIBLE BY SECTION 1133B.1.1.1 IS LOCATED IN A RECESS OR ALCOVE WHERE THE DISTANCE FROM THE FACE OF THE WALL TO THE FACE OF THE DOOR IS GREATER THAN 8 INCHES (203 MM), STRIKE SIDE CLEARANCES AS PRESCRIBED IN SECTION 1133B.2.4.3 SHALL BE PROVIDED. SEE FIGURE 11B-33(A).

### DOOR REQUIREMENTS

1133B.2.5 DOOR OPENING FORCE. THE MAXIMUM FORCE REQUIRED TO PUSH OR PULL OPEN A DOOR SHALL COMPLY WITH THIS SECTION. PUSH OR PULL FORCE FOR A HINGED DOOR SHALL BE MEASURED PERPENDICULAR TO THE DOOR FACE AT THE DOOR OPENING HARDWARE OR 30 INCHES (762 MM) FROM THE HINGED SIDE, WHICHEVER IS FARTHER FROM THE HINGE. PUSH OR PULL FORCE FOR A SLIDING OR FOLDING DOOR SHALL BE MEASURED PARALLEL TO THE DOOR AT THE DOOR PULL OR LATCH. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS COMPLYING WITH SECTION 1133B.2.3.2 MAY BE USED TO MEET THE MAXIMUM FORCE LIMITS.

1. REQUIRED FIRE DOORS SHALL HAVE THE MINIMUM OPENING FORCE ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 LBF (66.7 N).

2. OTHER THAN REQUIRED FIRE DOORS, INTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 5 LBF (22.2N).

3. OTHER THAN REQUIRED FIRE DOORS, EXTERIOR DOORS SHALL HAVE A MAXIMUM OPENING FORCE OF 5 LB (22.2N).

EXCEPTIONS:

EXTERIOR DOORS TO MACHINERY SPACES INCLUDING, BUT NOT LIMITED TO, ELEVATOR PITS OR ELEVATOR PENTPNL-HS; MECHANICAL, ELECTRICAL OR COMMUNICATIONS EQUIPMENT ROOMS; PIPING OR EQUIPMENT CATWALKS; ELECTRIC SUBSTATIONS AND TRANSFORMER VAULTS; AND HIGHWAY AND TUNNEL UTILITY FACILITIES.
 WHEN, AT A SINGLE LOCATION, ONE OF EVERY 8 EXTERIOR DOOR LEAFS, OR FRACTION OF 8, IS A POWERED DOOR, OTHER EXTERIOR DOORS AT THE SAME LOCATION, SERVING THE SAME INTERIOR SPACE, MAY HAVE A MAXIMUM OPENING FORCE OF 8.5 LBF (37.8 N). THE POWERED LEAF(S) SHALL BE LOCATED CLOSEST TO THE

A. POWERED DOORS SHALL COMPLY WITH SECTION 1133B.2.3.2. POWERED DOORS SHALL BE FULLY AUTOMATIC DOORS COMPLYING WITH BUILDERS HARDWARE MANUFACTURERS' ASSOCIATION (BHMA) A156.10 OR LOW ENERGY OPERATED DOORS COMPLYING WITH BHMA A156.19.

B. POWERED DOORS SERVING A BUILDING OR FACILITY WITH AN OCCUPANCY OF 150 OR MORE SHALL BE PROVIDED WITH A BACK-UP BATTERY OR BACK-UP GENERATOR THE BACK-UP POWER SOURCE SHALL BE ABLE TO CYCLE THE DOOR A MINIMUM OF 100 CYCLES.

C. POWERED DOORS SHALL BE CONTROLLED ON BOTH THE INTERIOR AND EXTERIOR SIDES OF THE DOORS BY SENSING DEVICES, PUSH PLATES, VERTICAL ACTUATION BARS OR OTHER SIMILAR OPERATING DEVICES COMPLYING WITH SECTION 11117B.6

AT EACH LOCATION WHERE PUSH PLATES ARE PROVIDED THERE SHALL BE TWO PUSH PLATES; THE CENTERLINE OF ONE PUSH PLATE SHALL BE 7 INCHES (178 MM) MINIMUM AND 8 INCHES (203 MM) MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE AND THE CENTERLINE OF THE SECOND PUSH PLATE SHALL BE 30 INCHES (762 MM) MINIMUM AND 44 INCHES (1219 MM) MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE. EACH PUSH PLATE SHALL BE A MINIMUM OF4 INCHES (102 MM) DIAMETER OR A MINIMUM OF 4 INCHES BY 4 INCHES (102 MM BY 102 MM) SQUARE AND SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBLITY COMPLYING WITH SECTION 1117B.5.8.1. AT EACH LOCATION WHERE VERTICAL ACTUATION BARS ARE PROVIDED THE OPERABLE PORTION SHALL BE LOCATED SO THE BOTTOM IS 5 INCHES (127 MM) MAXIMUM ABOVE THE FLOOR OR GROUND SURFACE AND THE TOP IS 35 INCHES (889 MM) MINIMUM ABOVE THE FLOOR OR GROUND SURFACE. THE OPERABLE PORTION OF EACH VERTICAL ACTUATION BAR SHALL BE A MINIMUM OF 2 INCHES (51 MM) WIDE AND SHALL DISPLAY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY COMPLYING WITH SECTION 1117B.5.8.1.

WHERE PUSH PLATES, VERTICAL ACTUATION BARS OR OTHER SIMILAR OPERATING DEVICES ARE PROVIDED, THEY SHALL BE PLACED IN A CONSPICUOUS LOCATION. A LEVEL AND CLEAR FLOOR OR GROUND SPACE FORWARD OR PARALLEL APPROACH COMPLYING WITH SECTIONS 1118B.4 AND 1124B.1 SHALL BE PROVIDED, CENTERED ON THE OPERATING DEVICE. DOORS SHALL NOT SWING INTO THE REQUIRED CLEAR FLOOR OR GROUND SPACE.

D. SIGNAGE IDENTIFYING THE ACCESSIBLE ENTRANCE REQUIRED BY SECTION 1127B.3 SHALL BE PLACED ON, OR IMMEDIATELY ADJACENT TO, EACH POWERED DOOR SIGNAGE SHALL BE PROVIDED IN COMPLIANCE WITH BHMA A156.10 OR BHMA 156.19, AS APPLICABLE.

E. IN ADDITION TO THE REQUIREMENTS OF ITEM D, WHERE A POWERED DOOR IS PROVIDED IN BUILDINGS OR FACILITIES CONTAINING ASSEMBLY OCCUPANCIES OF 300 OR MORE. A SIGN DISPLAYING THE INTERNATIONAL SYMBOL

OF ACCESSIBILITY MEASURING 6 INCHES BY 6 INCHES (152 MM BY 152 MM), COMPLYING WITH SECTION 1117B.5.8.1, SHALL BE PROVIDED ABOVE THE DOOR ON BOTH THE INTERIOR AND EXTERIOR SIDES OF EACH POWERED DOOR.

1133B.2.5.1 DOOR CLOSER. IF THE DOOR HAS A CLOSER THEN THE SWEEP PERIOD OF THE CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70°, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT

1133B.2.5.2 HAND-ACTIVATED DOOR OPENING HARDWARE, HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE. HARDWARE SHALL BE CENTERED BETWEEN 30 INCHES (762 MM) AND 44 INCHES (1118 MM) ABOVE THE FLOOR LATCHING AND LOCKING DOORS THAT ARE HAND-ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE BY LEVER-TYPE HARDWARE, PANIC BARS, PUSH-PULL ACTIVATING BARS, U-SHAPED HANDLES OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN EGRESS DIRECTION.

3 INCHES (75 MM) FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.

1133B.2.6 SMOOTH SURFACE. THE BOTTOM 10 INCHES (254 MM) OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE NARROW FRAME DOORS ARE USED, A 10-INCH (254 MM) HIGH SMOOTH PANEL SHALL BE INSTALLED ON THE PUSH SIDE OF THE DOOR WHICH WILL ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.

### **DOOR NOTES**

- VERIFY THAT ALL DOORS AND DOOR HARDWARE MEET THE REQUIREMENTS OF THE CALIFORNIA ADMINISTRATIVE CODE (TITLE 24) ALL GOVERNING CODES AND STANDARDS. NOTIFY THE DESIGNER IMMEDIATELY IN CASE OF DISCREPANCY.
- EXIT DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL WHEN SERVING ANY HAZARDOUS AREA OR WHEN THE AREA SERVED HAS AN OCCUPANT LOAD OF 50 OR MORE PEOPLE.
- EXIT DOORS ARE TO BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
  PROVIDE A SIGN ON OR NEAR THE MAIN EXIT READING "THIS DOOR IS TO REMAIN UNLOCKED DURING
  BUSINESS HOURS".
- LATCHING AND LOCKING DOORS THAT ARE HAND OPERATED SHALL BE OPERABLE WITH A SINGLE EFFORT WITHOUT REQUIRING THE A ABILITY TO GRASP THE HARDWARE (LEVER OR PUSH TYPE). VERIFY CONDITION AT EXISTING DOORS.

MAXIMUM EFFORTS TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING PER THE REQUIREMENTS OF CALIFORNIA ADMINISTRATIVE CODE, TITLE 24

A. INTERIOR DOORS — 5 POUNDS

B. EXTERIOR DOORS — 5 POUNDS

THE SWEEP OF A DOOR CLOSER SHALL BE ADJUSTED SO THAT FROM AN OPEN POSITION OF 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 3 INCHES FROM THE LATCH MEASURED FROM THE LEADING EDGE OF THE DOOR.

ALL HARDWARE TO BE LEVER-TYPE PER STATE OF CALIFORNIA, TITLE 24, AND ADA REQUIREMENTS.

OPENING HARDWARE IS TO BE CENTERED BETWEEN 30 INCHES AND 44 INCHES ABOVE FINISHED FLOOR. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND MATCH NEW.

SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.

THE BOTTOM 10 INCHES OF ALL DOORS EXCEPT AUTOMATIC AND SLIDING DOORS SHALL HAVE A SMOOTH UNINTERRUPTED

MAXIMUM UNDERCUT OF ALL DOORS NOT IN A RATED CORRIDOR SHALL NOT EXCEED 1/2 INCH ABOVE FINISH FLOOR SURFACE.

THE FLOOR AND LANDING SHALL BE NOT MORE THAN 1/2 INCH LOWER THAN THE TOP OF THE THRESHOLD OF THE DOORWAY. BEVEL (1:2 MAX. SLOPE) WHERE THE THRESHOLD EXCEEDS 1/2 INCH IN HEIGHT.

PROVIDE WEATHER SEALS ON ALL EXTERIOR DOORS PER ANSI STANDARDS.

ALL GLAZING WITHIN A 24 INCH ARC OF EITHER EDGE OF A DOOR AND WITHIN 60 INCHES OF THE FLOOR SHALL BE TEMPERED.

CONTRACTOR SHALL REFINISH ANY BLEMISHED DOOR OR REPLACE SAID DOOR IF NOT ABLE TO REFINISH TO "AS NEW"

CONTRACTOR SHALL REFINISH ANY BLEMISHED DOOR OR REPLACE SAID DOOR IF NOT ABLE TO REFINISH TO "AS NEW CONDITION.

CONTRACTOR IS RESPONSIBLE TO COORDINATE AND VERIFY ALL DOOR FRAME THROAT THICKNESS' FOR EACH

LOCATION.

ALL INTERIOR DOOR FRAMES TO BE FACTORY FINISHED.

. FIRE DOORS - 15 POUNDS

RATED DOORS SHALL COMPLY WITH SECTION 715 AND 1020.1.1

EXTERIOR LEVEL LANDING MAY SLOPE UP TO \$\frac{1}{4}\$ INCH PER FOOT IN ANY DIRECTION FOR SURFACE DRAINAGE.

ALL DOOR STOPS TO HAVE 2x6 BACKING IN WALL BEHIND.

ALL EXTERIOR EXIT DOORS TO BE IDENTIFIED WITH TACTILE SIGNAGE WHICH SAYS "EXIT"

### **FINISH NOTES**

WHERE FINISHES ARE SPECIFIED, NO FINISH SUBSTITUTIONS MAY BE MADE. ALL FINISHES AND COLORS NOT SPECIFIED IN THIS SET OF PLANS ARE TO BE APPROVED BY THE OWNER OR TENANT.

WHERE PAINT COLORS CHANGE, CORNERS ARE TO BE CUT—IN FREE OF OVERLAPPING.

ALL FINISHES ARE TO BE APPLIED IN STRICT ACCORDANCE TO MANUFACTURES SPECIFICATIONS.

CLASSES OF MATERIALS BASED UPON THEIR CHARACTERISTICS SHALL BE SET FORTH IN TABLE 803.9 OF THE 2013 CBC.

THE MAXIMUM FLAME SPREAD CLASSIFICATION OF FINISH MATERIALS USED ON INTERIOR WALLS AND CEILINGS SHALL BE

APPLICATION OF CONTROLLED INTERIOR FINISHES SHALL BE IN CONFORMANCE WITH SECTION 803 OF THE 2013 CBC.

ALL PAINT FINISH OF METAL PARTS OF DOORS, HANDRAILS, PERIMETER ENCLOSURES, ETC. SHALL BE SEMI-GLOSS, UNLESS OTHERWISE NOTED.

IN ACCORDANCE WITH THE 2013 CBC SEC. 803.1.1.

ALL PAINT SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION FOR THE PARTICULAR SURFACE.

ALL SURFACES SHALL BE PROPERLY PREPARED WITH SEALER PRIOR TO THE INSTALLATION OF WALL COVERING PER

MANUFACTURE'S RECOMMENDATIONS.

ALL V.C.T. TO BE INSTALLED WITH FULL TILE FROM VINYL THRESHOLD STRIP AND FULL TILE FROM WALL ADJACENT TO DOOR SWING, U.N.O.

CONTRACTORS TO VERIFY FINISHED CONDITIONS AND LEVEL OF FLOOR TO RECEIVE NEW FINISHES TO BE WITHOUT BOWING AT FLOOR OR WALL BASE. CONTRACTOR IS RESPONSIBLE FOR ALL FLOOR PREPARATIONS.

CONTRACTOR TO INCLUDE FLOOR PREPARATIONS IN BASE BID.

WHERE FLOOR MOUNTED OUTLETS ARE REQUIRED ON CARPETED AREA, CUT THE CARPET IN AN "X" OVER THE HOLE AND CARPET OVER. THIS WILL ALLOW CARPET PATCHING WHERE OUTLETS ARE LATER CAPPED. DO NOT TRIM THE

PROVIDE AND INSTALL SPECIFIC BASE FOR ALL AREAS TO RECEIVE FLOORING.

COORDINATE INSTALLATION OF BASE WITH MILLWORK. DELETE BASE AT WALL WHERE BUILT IN CABINETS ARE

ALL CARPETING SHALL BE INSTALLED WITH GLUE DOWN METHODS, UNLESS NOTED OTHERWISE.

CONTRACTOR SHALL PROVIDE PRE—FORMED RUBBER BASE CORNERS. DO NOT CUT OR BEND STRAIGHT BASE TO

### POWER AND SIGNAL NOTES

- COORDINATE TELEPHONE/DATA INSTALLATION WITH APPROPRIATE SUB-CONTRACTOR.
- ALL TELEPHONE AND DATA CABLE TO BE TEFLON COATED PLENUM RATED CABLE, SUPPORTED INDEPENDENTLY FROM SUSPENDED CEILING SYSTEM. CABLING TO BE SUPPLIED BY TENANT: ALL PULLS AND TERMINATIONS BY
- LOCATIONS OF FURNITURE POWER FEEDS SHALL ACCOMMODATE CIRCUITS AND WIRE PER ELECTRICAL DRAWINGS. TENANT SHALL BE RESPONSIBLE FOR PROVIDING FURNITURE POWER FEED, GENERAL CONTRACTOR SHALL
- INSTALL THE POWER FEED.

  . WHERE DEDICATED ELECTRICAL OUTLETS ARE NOTED WITHIN THE FURNITURE PANEL SYSTEM, THE PANEL
- SYSTEM SHALL ACCOMMODATE THIS REQUIREMENT.

  5. ALL OUTLETS TO BE INSTALLED AT LOCATIONS SHOWN BY DIMENSIONS ON THE POWER AND SIGNAL PLAN.
  DIMENSION ALL OUTLETS FROM THE CENTERLINE OF THE OUTLET BOX. NON—DIMENSIONED OUTLETS ARE TO BE
  LOCATED AT THE NEAREST WALL STUD.
- 6. WHEN OUTLETS ARE GROUPED TOGETHER (2 OR MORE), THEY ARE TO BE SPACED NO MORE THAT 2" APART.
- 7. ALL NEW WALL MOUNTED 15, 20, AND 30 AMP RECEPTACLES OUTLETS TO BE CENTERED AT +18" A.F.F. (U.N.O.).
- 8. THE CENTER OF SWITCHES SHALL BE NO MORE THAN 48 INCHES ABOVE THE FLOOR, VERIFY AND MATCH EXISTING.
- 9. FLOOR OUTLETS ARE ACCEPTABLE NEXT TO SLIDING PANELS/WALLS AND OTHER SPECIAL CONVENIENT LOCATIONS.
- WHERE ELECTRICAL WORK IS SPECIFIED IN CONJUNCTION WITH CABINET WORK, LAMPS AND FIXTURES ARE TO BE PROVIDED BY THE GENERAL CONTRACTOR.
   CUIT-OUTS FOR SWITCHES OUTLIETS FTC AS REQUIRED BY THE CABINET CONTRACTOR ARE TO BE
- COORDINATED WITH THE ELECTRICAL CONTRACTOR, U.N.O. ALL RECEPTACLES WHERE MILLWORK OCCURS SHALL BE LOCATED PER ELEVATIONS OF THE MILLWORK ITEM IN QUESTION.

  12. ALL WALL COVER PLATES SHALL BE WHITE, UNLESS BUILDING STANDARD IS DIFFERENT, MATCH BUILDING STANDARD. CUT OUTS FOR SWITCHES, OUTLETS, ETC. AS REQUIRED BY THE CABINET CONTRACTOR ARE TO BE
- BE LOCATED PER ELEVATIONS OF THE MILLWORK ITEM IN QUESTION.

  13. ALL SEPERATE CIRCUIT RECEPTACLES TO BE ORANGE COLOR WITH BUILDING STANDARD COVER PLATE.
- 4. WHEN PLYWOOD BACKBOARDS ARE REQUIRED IN TELEPHONE AND ELECTRICAL EQUIPMENT ROOMS, THEY SHALL BE PAINTED TO MATCH ADJACENT WALL.

COORDINATED WITH THE ELECTRICAL CONTRACTOR, U.N.O. ALL RECEPTACLES WHERE MILLWORK OCCURS SHALL

- 15. PROVIDE ONE—HOUR FIRE PROTECTION AT ALL OUTLETS AND SWITCHES LOCATED IN ONE—HOUR RATED PARTITIONS.
- . ALL EXISTING ELECTRICAL DEVICES ARE TO REMAIN (U.N.O).

### PARTITION PLAN NOTES

CONTRACTOR TO REVIEW AND APPROVE CHALK LINES OF PARTITION LAYOUT PRIOR TO COMMENCEMENT OF PARTITION

FIELD MEASURES AS REQUIRED FOR ALL GLAZING AND MILLWORK CONDITIONS PRIOR TO FABRICATION.

EXTEND ALL STUDS AND WALL MATERIALS 6 INCH MIN. ABOVE T—BAR CEILING UNLESS OTHERWISE NOTED.

ALL PENETRATIONS AT RATED CONSTRUCTION SHALL BE PROTECTED TO MAINTAIN RATING.

CONTRACTOR SHALL USE 3 § INCH METAL STUDS MINIMUM AT ALL PLUMBING WALLS. CONTRACTOR TO VERIFY ACTUAL DEPTH REQUIRED. ANY DISCREPANCIES SHALL BE REPORTED TO THE DESIGNER.

USE WATER RESISTANT GYPSUM BOARD AT ALL AREAS SUBJECT TO MOISTURE OR WHERE TILE IS USED.

ALL HOT WATER LINES SHALL BE PROPERLY INSULATED. SEE PLUMBING DRAWINGS.

ALL PLUMBING WORK SHALL BE IN ACCORDANCE WITH LOCAL AND STATE CODES.

DOOR OPENINGS IN PARTITIONS NOT DIMENSIONED ARE TO BE LOCATED 4 INCHES FROM ADJACENT PARTITIONS.

ALL MILLWORK SHALL CONFORM TO WIC CUSTOM STANDARDS.

CONTRACTOR TO FURNISH AND INSTALL 16 GAUGE GALVANIZED METAL WALL BACKING AT ALL BUILT—IN MILLWORK LOCATIONS, HANGING WALL EQUIPMENT, ETC. VERIFY EXACT LOCATIONS WITH MILLWORK AND ACCESSORY CONTRACTORS.

VERIFY ALL APPLIANCES AND EQUIPMENT REQUIREMENTS WITH MANUFACTURERS. PROVIDE ALL NECESSARY WALL BACKING, BRACING, ELECTRICAL AND PLUMBING SUPPLY, FITTINGS AND CONNECTORS TO SUPPORT OR COMPLETE INSTALLATION. SUPPLY CATALOG CUT—SHEETS FOR INSPECTORS APPROVAL.

ALL REQUEST FOR SUBSTITUTIONS OF ITEMS SPECIFIED SHALL BE SUBMITTED IN WRITING AND WILL BE CONSIDERED ONLY IF, A MORE ADVANTAGEOUS DELIVERY DATE OR A LOWER PRICE WITH CREDIT TO THE TENANT WILL BE PROVIDED WITHOUT SACRIFICING QUALITY, APPEARANCE, AND FUNCTION. UNDER NO CIRCUMSTANCES WILL DESIGNER BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR SUBSTATION IS NOT OF EQUAL QUALITY TO PRODUCT SPECIFIED. (NOTE: REVISIONS TO PERMIT DOCUMENTS ARE NOT INCLUDED UNDER THIS CONTRACT.)

UNLESS OTHERWISE NOTED, ALL GYPSUM BOARD SURFACES, WALLS, AND CEILINGS SHALL BE TAPED AND FEATHERED SMOOTH TO RECEIVE A MINIMUM OF ONE COAT SEALER AND ONE COAT OF PAINT TO COVER.

PREPARE ALL FLOORS AS REQUIRED TO RECEIVE NEW FINISHES.

EXACT LOCATIONS OF FIRE EXTINGUISHER CABINETS TO BE CONFIRMED WITH LOCAL FIRE MARSHAL BEFORE INSTALLATION. PROVIDE ADDITIONAL FIRE EXTINGUISHERS AND CABINETS AS REQUIRED BY THE FIRE DEPARTMENT FIELD INSPECTORS.

CONTRACTOR TO VERIFY LOCATION OF ALL THERMOSTATS WITH INSPECTOR AND OWNER PRIOR TO INSTALLATION.

### **DEMOLITION NOTES**

- REMOVE EXISTING WALLS WHERE INDICATED, INCLUDING ALL ITEMS ATTACHED TO OR BUILT INTO WALLS, SUCH AS RECEPTACLES, THERMOSTATS, MOLDINGS, SWITCHES/LIGHTING CONTROLS, ETC.
- 2. REMOVE ALL DOORS, FRAMES AND DOOR HARDWARE WHERE INDICATED AS DASHED ON THE DRAWING.
- STOCKPILE FOR POSSIBLE RELOCATION AT OWNER'S DISCRETION.
- REMOVE EXISTING CABINETRY AND MILLWORK COMPLETELY FROM THE REMODEL AREA AS INDICATED ON PLANS.
   PATCH AND REPAIR ALL ADJACENT EXISTING SURFACES AFFECTED BY DEMOLITION. BLEND IN AS REQUIRED FOR "NEW" APPEARANCE. SEE FLOOR PLANS AND FINISH PLANS FOR DETAILED INFORMATION.
- 5. REMOVE ALL ABANDONED ELECTRICAL WIRING, CONDUIT, AND DEVICES AT DEMOLITION AREAS BACK TO THE NEAREST JUNCTION BOX OR PANEL, AS REQUIRED. TERMINATION POINT AND METHOD SHALL BE CONDUCTED TO
- MODIFY EXISTING LIFE SAFETY SYSTEM AS REQUIRED DUE TO DEMOLITION AND NEW CONSTRUCTION. RELOCATE EXISTING SMOKE DETECTORS AND FIRE HORNS. PROVIDE NEW DEVICES AS NEEDED FOR ADEQUATE COVERAGE.
- REMOVE ALL EXISTING FLOOR FINISHES, AND BASE EXCEPT AS NOTED OTHERWISE. AND PREPARE FLOORS SMOOTH AND CLEAN FOR NEW FLOOR FINISHES. SEE FINISH PLAN FOR MORE INFORMATION.
- B. THE CONTRACTOR MAY NEED TO PREPARE WALLS TO RECEIVE NEW FINISHES. SEE FINISH PLAN FOR MORE
- DISPOSE OF ALL RUBBISH AND DEBRIS IN A SAFE AND PROPER MANNER.

MEET MIN. REQUIREMENT OF THE ELECTRICAL CODE.

INFORMATION.

O. RECYCLING OF ALL DEMOLITION WAIST MUST MEET THE MIN. REQUIREMENTS AS SET FORTH BY THE CALIFORNIA GREEN BUILDING STANDARDS AND AS ADOPTED BY THE AGENCY HAVING JURISDICTION OVER THE PROJECT CONTAINED ON THIS SET OF PLANS

### FIRE DEPARTMENT NOTES

- 1. FIRE DEPT. FINAL INSPECTION REQUIRED. SCHEDULE INSPECTIONS 2 DAYS IN ADVANCE.
- 2. LOCATIONS AND CLASSIFICATIONS OF FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE UNIFORM FIRE CODE STANDARD 10-1 AND TITLE-19 CCR DIVISION 1, CHAPTER 3 AND PLACEMENT IS SUBJECT TO THE APPROVAL OF THE FIRE INSPECTION. VERIFY QUANTITY AND EXACT LOCATION FROM FIRE DEPARTMENT PRIOR TO ORDERING.
- 3. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS, FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHALL COMPLY WITH CALIFORNIA FIRE CODE REGULATIONS. THE STORAGE AND USE OF HAZARDOUS MATERIALS SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO ANY MATERIALS BEING STORED OR USED ON SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED PRIOR TO THE STORAGE AND USE OF HAZARDOUS MATERIALS.
- RACKS WHERE THE TOP OF THE STORAGE EXCEEDS 12 FEET IN HEIGHT, AND 6 FEET FOR GROUP A PLASTICS AND CERTAIN OTHER HIGH-HAZARD COMMODITIES). HIGH-PILED STOCK SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO MATERIALS BEING STORED ON SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR HIGH-PILED STORAGE IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE, CHAPTER 23.

4. BUILDING NOT APPROVED FOR HIGH-PILED STOCK (MATERIALS IN CLOSELY PACKED PILES OR ON PALLETS, OR IN

- 5. PLANS OF NEW OR MODIFICATIONS TO EXISTING FIRE PROTECTION, DETECTION, ALARM OR MONITORING SYSTEM(S) SHALL BE APPROVED BY THE FIRE AUTHORITY PRIOR TO INSTALLATION. A SEPARATE PLAN FOR SUBMITTAL AND APPROVAL IS REQUIRED PRIOR TO THE COMMENCEMENT OF ANY WORK.
- 6. ACCESS GATES SHALL BE IN COMPLIANCE WITH UNIFORM FIRE CODE, SECTION 902 AND FIRE DEPARTMENT GUIDELINES. A SEPARATE PLAN SUBMITTAL AND APPROVAL IS REQUIRED.
- A LETTER OF INTENDED USE MAY BE REQUIRED BY THE FIRE INSPECTOR.
   AN AUTOMATIC EXTINGUISHING SYSTEM SHALL BE PROVIDED TO PROTECT COMMERCIAL—TYPE FOOD HEAT PROCESSING EQUIPMENT (WHERE REQUIRED) THAT PRODUCES GREASE—LADEN VAPORS. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR THE INSTALLATION OF THE SYSTEM AND SHALL BE IN ACCORDANCE WITH CFC CHAPTER 10, NFPA
- 9. SPRINKLER AND SMOKE DETECTOR PLANS MUST BE REVIEWED AND APPROVED BY FIRE DEPARTMENT AND STATE FIRE MARSHAL PRIOR TO MODIFICATIONS AND REQUIRE A SEPARATE SUBMITTAL AND PERMIT.
- 10. ONE, 2-A, 10-BC MINIMUM RATED, FIRE EXTINGUISHER IS REQUIRED FOR EACH 3,000 SQUARE FT.OF FLOOR SPACE OR PORTION THEREOF. MAXIMUM TRAVEL DISTANCE TO ANY ONE FIRE EXTINGUISHER IS NOT TO EXCEED 75 FEET.

  MOUNT THE FIRE EXTINGUISHERS SO THAT THE TOPS ARE NO MORE THAN 48" OFF THE FLOOR. NOTE: QUANTITY.
- PLACEMENT, AND TYPE OF FIRE EXTINGUISHERS MUST BE APPROVED BY THE FIRE MARSHAL HAVING JURISDICTION.

  11. A READILY VISIBLE, DURABLE SIGN SHALL BE POSTED ON OR ADJACENT TO THE MAIN DOOR STATING: THIS DOOR MUST REMAIN UNLOCKED WHENEVER THE BUILDING IS OCCUPIED.
- 12. ANY & ALL MODIFICATIONS TO THE AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE COMPLETED BY A CONTRACTOR HOLDING A VALID C-16 CONTRACTOR'S LICENSE. A COPY OF THE NFPA FORM "CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR ABOVEGROUND PIPING" SHALL BE COMPLETED AND SUBMITTED TO THE FIRE DEPARTMENT UPON COMPLETION OF THE REMODEL / TENANT IMPROVEMENT.
- 13. A KNOX BOX KEY BOX SHALL BE INSTALLED WITHIN 20 FEET OF THE MAIN ENTRANCE AT A HEIGHT NO GREATER THAN 7 FEET. AN APPLICATION/MAIL ORDER FORM FOR THE KEY BOX CAN BE OBTAINED FROM FIRE DEPARTMENT
- 14. THIS BUILDING IS LIMITED IN USE TO THOSE LISTED OCCUPANCY TYPES. ANY CHANGES IN THE USE/OCCUPANCY REQUIRES REVIEW AND APPROVAL BY THE AGENCY HAVING JURISDICTION.
- 15. IN ALL OCCUPANCIES, QUANTITIES OF FLAMMABLE AND COMBUSTIBLE LIQUIDS IN EXCESS OF 10 GALLONS USED FOR MAINTENANCE PURPOSES AND THE OPERATION OF EQUIPMENT SHALL BE STORED IN LIQUID STORAGE CABINETS IN ACCORDANCE WITH CFC 3404.3.4.4.1 AND LOCAL ORDINANCES.
- 16. ENSURE STREET ADDRESS NUMBERS AND/OR SUITE NUMBERS ARE POSTED IN A LOCATION VISIBLE FROM THE STREET. NUMBERS SHALL BE A MINIMUM OF 6" IN HEIGHT WITH A STROKE WIDTH APPROPRIATE FOR THE HEIGHT. NUMBERS SHALL BE OF A HIGHLY CONTRASTING COLOR COMPARED TO THE BACKGROUND ON WHICH THEY ARE APPLIED. NUMBERS PLACED ON GLASS SHALL HAVE A CONTRASTING COLOR APPLIED TO THE GLASS CFC 505.1
- 17. ALL REQUIRED EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. BOTH THE DEAD BOLT AND LATCH MUST RETRACT WITH A SINGLE-HAND MOTION. CFC
- ILLUMINATED EXIT SIGNS, SHOWING THE PATHS OF TRAVEL AND THE EXITS, ARE REQUIRED TO BE PROVIDED PER CFC SEC. 1011.1.
   EMERGENCY EGRESS ILLUMINATION, LIGHTING THE PATH TO EXITS, SHALL BE PROVIDED PER CFC SEC.
- 20. THIS BUILDING IS LIMITED IN USE TO THOSE LISTED OCCUPANCY TYPES. ANY CHANGE IN THE USE/OCCUPANCY REQUIRES REVIEW AND APPROVAL BY THE BUILDING DEPARTMENT. CBC APPENDIX CHAPT.
- 21. THE MAXIMUM FLAME SPREAD CLASS OF FINISH MATERIALS USED ON INTERIOR WALLS AND CEILINGS SHALL NOT EXCEED CLASS B FOR EXIT WAYS AND CLASS C FOR ROOMS OR AREAS PER TABLE 803.5 OF THE CALIFORNIA BUILDING CODE. CBC 803.1.

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DRAWING INFORMATION

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30 OF 30