

National Evaluation Service, Inc.

INTERNATIONAL CODE COUNCIL

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NATIONAL EVALUATION REPORT

Report No. NER-243

Reissued

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3M FIRE BARRIER THROUGH-PENETRATION PROTECTION SYSTEMS

3M COMPANY, INC. 3M FIRE PROTECTION PRODUCTS BUILDING 225-4N-07 3M CENTER ST. PAUL, MINNESOTA 55144-1000 www.3M.com/firestop

1.0 SUBJECT

3M Fire Protection Products:

3M Brand Fire Barrier Premium Latex CP 25 WB+ Caulk, 3M Brand Fire Barrier FS-195+ Wrap/Strip, 3M Brand Fire Barrier RC-1 Restricting Collar, 3M Brand Fire Barrier CS-195+ Composite Sheet, 3M Brand Fire Barrier Fire Dam 150 Caulk, 3M Brand Fire Barrier MP Moldable Putty+, 3M Brand Fire Barrier PSS 7900 Series Penetration Sealing Systems.

2.0 PROPERTIES FOR WHICH EVALUATION IS SOUGHT

- 2.1 F & T ratings of through-penetration firestop systems.
- 2.2 Annular space protection for noncombustible penetrations.

3.0 DESCRIPTION AND USE

3.1 GENERAL

3M Fire Protection Products are used to maintain the integrity of fire resistive construction that has been penetrated by building services such as plumbing, electrical, communications and heating, ventilation and air conditioning (HVAC).

3M Fire Protection Products are intumescent or endothermic based technologies used to achieve necessary fire resistive ratings. Intumescence is the ability to expand and form a high-strength fire resistive char, when exposed to temperatures in excess of 250° (121°C). Endothermic is the ability to block fire spread by chemically absorbing heat energy of a fire.

3.2 3M FIRE PROTECTION PRODUCTS

3M Brand Fire Barrier Premium Latex CP 25 WB+ Caulk: A one-part intumescent synthetic elastomeric water-based latex caulking compound designed for use as a through-penetration firestop system. See Figure 1 and Table 1 of this report.

3M Brand Fire Barrier Fire Dam 150 Caulk: A one-part water-based endothermic latex-based caulk designed for use as a through-penetration firestop system See Figure 1 and Table 1 of this report.

3M Brand Fire Barrier MP Moldable Putty+: A one-part intumescent synthetic elastomeric hand formable putty and pad form, designed for use as a through-penetration firestop system. See Figure 1 and Table 1 of this report.

3M Brand Fire Barrier FS-195+ Wrap/Strip: A fire resistive strip that is wrapped around the penetrating item and secured in place. See Figure 2 and Table 1 of this report.

3M Brand Fire Barrier RC-1 Restricting Collar: A specially fabricated 28 gage metal collar designed for use with the FS-195 Wrap/Strip in combustible through-penetrations firestop. See Figure 2 and Table 1 of this report.

3M Brand Fire Barrier CS-195+ Composite Sheet: A fire resistive composite board comprised of an intumescent synthetic layer reinforced with a hexagonal mesh retaining wire and covered with aluminum foil on one side. The opposite side is bonded to a 28 gage sheet metal backing forming a fire resistive composite sheet. See Figure 3 and Table 1 of this report.

3M Brand Fire Barrier PSS 7900 Series Penetration Sealing Systems: A pre-cut intumescent synthetic elastomeric sheet coated with aluminum foil and packaged into through-penetration firestop kits for round openings with diameters of 4 to 10 inches (102 to 254 mm) and rectangular openings up to 8 x 16 inches (203 x 406 mm). See Figure 4 and Table 1 of this report.

4.0 INSTALLATION

4.1 GENERAL

The penetration opening and all related surfaces shall be free of frost, oil, grease, dirt and other contaminants prior to installation. The expiration date for the caulking compounds shall not exceed one year from the date of manufacture shown on the container. The caulking compounds shall not be installed when either the ambient or surface temperature is below 32°F (0°C). Latex CP 25 WB+ Caulk shall be protected From freezing before and during application.

The manufacturer's published installation instructions noted in Table 2 and this report shall be adhered to and a copy of those instructions shall be available at the job site during installation.

In the event there are any conflicts between the manufacturer's instructions and this report, the instructions within this report shall govern.

This report is limited to the specific product and data and test reports submitted by the applicant in its application requesting this report. No independent tests were performed by the National Evaluation Service, Inc. (NES), and NES specifically does not make any warranty, either expressed or implied, as to any finding or other matter in this report or as to any product covered by this report. This disclaimer includes, but is not limited to, merchantability. This report is also subject to the limitation listed herein.

4.2 THROUGH-PENETRATION FIRESTOP SYSTEMS

The through-penetration firestop systems shall be installed as shown in Figures 1 through 4 and Table 1 of this report.

4.3 ANNULAR SPACE PROTECTION OF NONCOMBUSTIBLE PENETRATIONS

3M Fire Protection Products listed in this report are permitted for use as noncombustible through-penetration annular space protection. The products are capable of preventing the passage of flames and hot gases sufficient to ignite cotton waste when subjected to the time-temperature curve of ASTM E814 and ASTM E119.

5.0 IDENTIFICATION

Each package of 3M Fire Protection Products listed in this report shall bear a label with the manufacturer's name and/or trademark and address, product name, storage information and this report number for field identification.

6.0 EVIDENCE SUBMITTED

- 6.1 Manufacturer's descriptive literature.
- 6.2 Report of tests in accordance with ASTM E814 for Type CP 25 Fill, Void and Cavity Material in System No. 33 and Type PSS 7904 Wall Opening Protective, Multiple-Cable Device, by Underwriters Laboratories Inc., File R9269-1, -2 and R9700, Project 81NK4314 and 81NK7951, dated December 18,1981.
- 6.3 Report of tests in accordance with ASTM E814 for Type 303 putty, Type CP 25 Caulk, Type FS 195 Wrap, Type SP-515 compressible sheet and Type CS 195 intumescent sheet fill materials in Systems No.91 through 105, by Underwriters Laboratories Inc., File R9269-3, Project 83NK13140, dated June 18, 1984.
- 6.4 Report of tests in accordance with ASTM E814 for cable tray protection using a Type PSS79014 device with Type CP 25 caulk, by Underwriters Laboratories Inc., File R9269, Project 83NK5980, dated July 29, 1983.
- 6.5 Letter reports from Underwriters Laboratories Inc, signed by C. J. Johnson, Richard N. Walke and K. D. Rhodes, regarding testing performed in accordance with ASTM E814:
 - **6.5.1** dated October 11, 1989. for MP Moldable Putty as an alternate to CP 25 N/S and S/L for UL Systems No. 64 and 148.
 - **6.5.2** dated July 15, 1988, documenting 0.01 inch water column positive furnace pressure for all through-penetration fire tests.
 - **6.5.3** dated July 12, 1989, documenting test parameters for nonmetaltic pipes in through-penetration firestop systems.
 - **6.5.4** dated August 5, 1988, documenting name change of CP 25 caulk to CP 25 S/L Caulk and similarity of CP 25 N/S with CP 25 S/L.
 - **6.5.5** dated September 22, 1986, Project 85NK21862. documenting CP 25 N/S Caulk for use in UL Systems No. 61, 62, 63, 64, 65, 90, 92, 93, 95, 96, 98, 99, 100, 101, 102, 103, 136, 137, 148, and 154.
 - 6.5.6 dated May 31,1988. Project 86NK17418, documenting CP 25 N/S for use in UL System No. 49.
 - 6.5.7 dated April 24, 1990. Project 89NK7615, documenting CP 25 N.'S for use in UL System No. 147.

- **6.5.8** dated June 3. 1988, Project 87NK5289, documenting FS 195 Wrap/Strip and CP 25 N/S Caulk for use in UL System No. 64.
- **6.5.9** dated April 23, 1990, Project 89NK7615, documenting FS 195 Wrap/Strip and Type MP Putty for use in UL System No. 280.
- **6.5.10** dated October 11,1989, documenting substitution of Type MP fill material for CP 25 S/L and N/S for use in UL Systems No. 64 and 148.
- **6.5.11** dated April 19, 1990, documenting Type FS 195 Wrap/Strip and Type CP 25 N/S Caulk for use in UL Systems No. 91, 49, 319, 320, and 318.
- **6.5.12** dated April 4, 1990, Project 89NK7615, documenting CP 25 WB Caulk for use in UL Systems No. 321 and 322.
- **6.5.13** dated April 20,1990, Project 88NK6447, documenting Type MP Putty for use in UL Systems No. 202, 203 and 204.
- **6.5.14** dated September 20, 1988, documenting UL Systems No. 233 and 234.
- **6.5.15** dated February 4, 1988, Project 87NK437, documenting FireDam 150 Caulk for use in UL System No. 161.
- **6.5.16** dated May 4, 1990, Project 88NK6447, documenting Type CP 25 N/S Caulk for use in UL Design System No. J900C.
- **6.5.17** dated August 16,1991, for CP 25 W/B caulk as an alternate to CP 25 N/S and S/L for UL System No. 319 and 91.
- **6.5.18** dated September 2,1992, for CP 25 W/B caulk as an alternate to CP 25 N/S and S/L for UL Systems No. 91, 318, 319, 320, 487 and 560.
- 6.6 Letter report from Underwriters Laboratories Inc., signed by C. J. Johnson and Richard N. Walke, documenting annular space fire protection for noncombustible through-penetrations.

7.0 CONDITIONS OF USE

The National Evaluation Service Committee finds that the 3M Company Inc.'s 3M Fire Protection Products as described in this report, comply with the BOCA National Building Code/1999, 1999 Standard Building Code, 1997 Uniform Building Code. the 2000 International Building Code, and the 2000 International Residential Code, subject to the following conditions:

- 7.1 The through-penetration firestop systems shall be installed in accordance with the manufacturer's installation instructions noted in Table 2, subject to the conditions of this report.
- 7.2 The F ratings of the through-penetration firestop systems installed in fire resistance rated wall assemblies shall not be less than the required fire resistance rating of the assembly being penetrated.
- 7.3 The F and T ratings of the through-penetration firestop systems installed in fire resistance rated floor/ceiling assemblies shall not be less than the required fire resistance rating of the assembly being penetrated.

EXCEPTIONS:

7.3.1 The T rating is nor required for floor penetrations that are contained or located within the cavity of a wall.

- **7.3.2** In jurisdictions enforcing the BOCA *National Building Code/1999*, the T rating is not required for penetrations of floors by a pipe, tube and conduit that is not in direct contact with combustible material.
- 7.4 Protection of penetrations in fire resistance rated assemblies shall not be concealed from view until inspected and approved by the code official.
- 7.5 3M Fire Protection Products listed in this report are permitted for use as annular space protection of noncombustible penetrations of fire resistive rated assemblies.
- **7.6** This report is subject to periodic re-examination. For information on the current status contact the NES.

Table 1
3M Fire Barrier Products Applications Guide

		Range of Application			Concrete Wall and Assemblies		Gypsum Wall Assemblies	
Penetrating Item	3M Brand Fire Barrier Product Options	Penetrating Items	Annular Space	Maximum Opening Size	F Ratings (Hrs)	T Ratings (Hrs)	F Ratings (Hrs)	T Ratings (Hrs)
		PVC: 8 in. Nominal Diameter 4 Wraps/Application	0.2 in.	9 in. Diameter	2	2	2	1-1/2
	FS-95+ Wrap Strip with CP 25WB+ Caulk or MP Moldable Putty+	PVC: 4 in. Nominal Diameter 3 Wraps/Application	0.75 in.	6 in. Diameter	3	2	2	2
1. Plastic Pipe/		ABS: 4 in. Nominal Diameter 3 Wraps/Application	0.75 in.	6 in. Diameter	2	2	1-1/2	1-1/2
Conduit & Cast-in Coupling		PVC: 4 in. Nominal Diameter	3.0 in.	10 in. Diameter	3	1/2		
	PSS 7904 - 10 Penetration Sealing System with CP 25WB+ Caulk	ABS: 4 in. Nominal Diameter	3.0 in.	10 in. Diameter	3 (in wall) 1 (in floor)	3 (in wall) 0 (in floor)		
		PB: 2 in. Nominal Diameter	3.0 in.	8 in. Diameter	1/2	~~		**
	CP 25WB+ Caulk	1 in. Depth of Caulk: 20 in. Diameter	2.5 in.	22.5 in. Diameter	3	0	2	0
	FS-195+ Wrap Strip, CP 25WB+ Caulk or MP Moldable Putty+	4 in. Nominal Diameter Metal Pipe	1.75 in.	8 in. Diameter	2	0	2	0
	CS-195+ Composite Sheet with FS- 195+ Wrap Strip and CP 25WB+ Caulk or MP Moldable Putty+	4 in. Nominal Diameter Metal Pipe (multiple pipes)	45.0 in.*	30 x 50 in.	4 (both sides) 3 (one side)	3/4		
2. Metal Pipe and Conduit	PSS 7902 Penetration Sealing System CP 25WB+ Caulk or MP Moldable Putty+	10 in. Nominal Diameter Pipe and 8 x16 in. Rectangular Cover Plate if fill is less than 10%	9.0 in.	10 x 20 in.	3	0		
	CP 25WB+ Caulk	1/2 in. Depth of CP-25WB 12 in. Nominal Diameter Pipe	1.2 in.	14 in. Diameter	3	0		
	FD 150 FireDam Caulk	2 in. Depth of FireDam 150 Caulk 6 in. Nominal Diameter Pipe	2.0 in.	8-1/4 in. Diameter	3	0		
	MP Moldable Putty+	1 in. Depth of Putty 10 in. Nominal Diameter Pipe	0.75 in.	12-1/4 in. Diameter	2 (1/2 in. depth) 3 (1 in. depth)	0		-
	CP 25WB+ Caulk	1 in. depth of Caulk per 1 in. Thickness of Insulation 12 in. Nominal Diameter Pipe	1.0 in.	16-1/2 in. Diameter	3 (1 in. insulation) 2 (2 in. insulation) with 2 in. depth of caulk)	3/4 1-1/2	~-	
3. Fiberglass Insulated Metal Pipe	FS-195+ Wrap Strip with CP 25WB+ Caulk	1/2 in. Depth of Caulk; 4 FS-195 Wrap Strips 3 in. Thickness of Insulation 20 in. Nominal Diameter Pipe	1.0 in.	28 in. Diameter	3	4::	~ ~	~-
	CS-195 Composite Sheet with FS- 195+ Wrap Strip and CP 25WB+ Caulk	4 in. Nominal Diameter Pipe with 1 in. Thickness of Insulation 1 Wrap FS-195 and 1/4 in. Bead CP-25N/S Caulk	43.0 in.*	30 x 50 in.		3/4		

Table 1
3M Fire Barrier Products Applications Guide

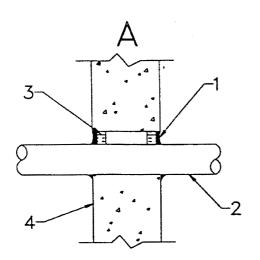
		Range of Application			Concrete Wall and Assemblies		Gypsum Wali Assemblies	
Penetrating Item	3M Brand Fire Barrier Product Options	Penetrating Items	Annular Space	Maximum Opening Size	F Ratings (Hrs)	T Ratings (Hrs)	F Ratings (Hrs)	T Ratings (Hrs)
	-	1 in. Depth of Caulk; 43% of Area Filled, 350 MCM Cable and 100 Pair Telephone Cable	0.75 in.		3	0	2	1-1/2
	CP 25WB+ Caulk	1 in. Depth of Caulk; 37% of Area Filled, 3/0 350 MCM Cable and 100 Pair Telephone Cable	0.75 in.	6 in. Diameter				
		2-1/2 in. Depth of Caulk; 59% of Area Filled, 7C/12 AWG Cable, 100 Pair Telephone Cable	0.75 in.					
4. Insulated Electrical and Communications Cable	FS-195+ Wrap Strip with CP 25WB+ Caulk or MP Moldable Putty+	4 in. Depth of Caulk with FS-195 Wrap; 59% Area Filled, 350 MCM Cable	0.75 in.	6 in. Diameter	2	0	~-	
	CS-195 Composite Sheet with FS- 195+ Wrap Strip and CP 25WB+ Caulk or MP Moldable Putty+	Multiconductor 12 AWG Cable, 100 Pair PVC Telephone, Cable Bundle 3 in. Diameter	47.0 in.*	30 x 50 in.	4	1.	~	
	PSS 7904 Penetration Sealing System with CP 25WB+ Caulk	350 MCM Cable; 30% of Area Filled. Cover Plate requried if fill is less than 10%	11.0 in.	8 x 16 in.	3	1/2		
	MP Moldable Putty+	Telephone Cable; 100 Pair, 40% of Area Filled	0.75 in.	6-1/4 in. Diameter	2	0		
	CS-195+ Composite Sheet with CP 25WB+ Caulk	Nominal Size Cable Tray 4 x 24 in.; 39% Area Filled in Tray; Cable Size: 300 MCM 4 in. Depth of Caulk	14.64 in.	12 x 24 in.	3	0		
5. Cable Tray	PSS 7904-R Penetration Sealing System with CP 25WB+ Caulk	Nominal Size Cable Tray 4 x 18 in.; 52% Area Filled in Tray; 25 Pair No. 22 AWG Telephone Cable	9.0 in	10 x 20 in.	3	3/4	***	
	FS-195+ Wrap Strip with CP 25WB+ Caulk	6 in. Nominal Diameter Pipe	1.0 in	8 in. Diameter	3	0		
6. Glass Pipe	PSS 7904 Penetration Sealing System with CP 25WB+ Caulk			6 x 8 in. 8 in. Diameter	3	0		
7. Blank Openings and Construction Joints and		1/2 to 1 in. Depth		Joint Width	3	3		
	CP 25WB+ Caulk	2 in. Depth. Cover Plate required when joint width exceeds 2 in.		4 in. Diameter Opening 4 in. Joint Width	3	2	12.05	****
Expansion Trenches	MP Moldable Putty+	1 in. Depth		1 in. Joint Width	2	2		
Réde Agranda de la Companya de la Co	PSS 7904 Penetration Sealing System with CP 25 WB+ Caulk	4 in. Depth of Kit . Cover Plate required		8 x 16 in.	3	1		

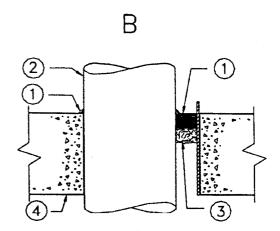
^{*} Distance measured from the outer edge of the penetrant to the furthest edge of the opening.

Table 2 — INSTALLATION GUIDES

3M Brand Fire Barrier Product	Installation Guide (Publication Code)				
3M Brand Fire Barrier Premium Latex CP 25WB+ Caulk	98-0400-2214-1				
3M Brand Fire Barrier FS-195+ Wrap/Strip 3M Brand Fire Barrier RC-1 Restricting Collar	98-0400-2327-1				
3M Brand Fire Barrier CS-195+ Composite Sheet	98-0400-2360-2				
3M Brand Fire Barrier MP Moldable Putty+	98-0400-4869-0				
3M Brand Fire Barrier PSS 7900 Series Penetration Sealing Systems	98-0701-2680 4(118.71)R1RP1				

Figure 1*
3M Brand Fire Barrier Caulks and Moldable Putties
Noncombustible and Combustible Penetrants

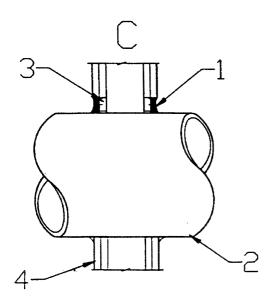




DESCRIPTIONS

(see Table 1 for additional requirements)

- 1. **3M BRAND:** Fire Barrier CP-25WB+ or Fire Barrier Fire Dam 150 Caulk and Fire Barrier Moldable Putty.
- 2. **PENETRATING ITEM:** Metal pipe or conduit, insulated metal pipe, electrical cable, or blank opening/construction joint.
- 3. **DAMMING MATERIAL:** Mineral wool, Fiberglass insulation or backer rod.
- 4. **FIRE RESISTANCE RATED ASSEMBLY:** Concrete block wall (solid or open), concrete floor assembly or gypsum wall board assembly.



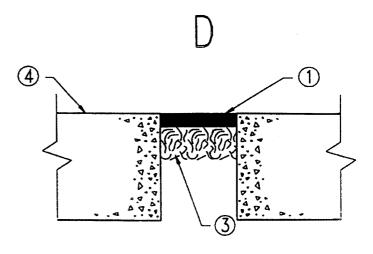
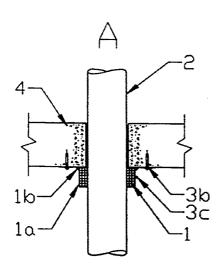
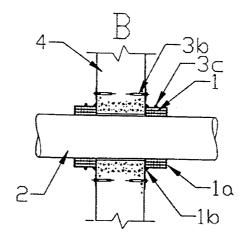


Figure 2*
3M Brand Fire Barrier FS-195+ Wrap/Strip

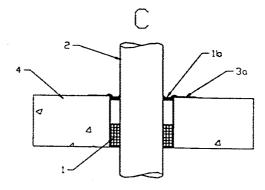


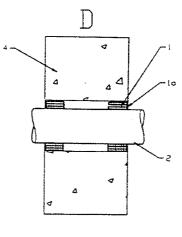


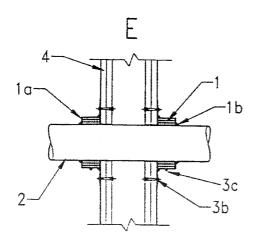
DESCRIPTIONS

(see Table 1 for additional requirements)

- 1. 3M BRAND: Fire Barrier FS-195+ Wrap/Strip.
 - 1a. 3M BRAND: Fire Barrier RC-1 Restricting Collar.
 - 1b. 3M BRAND: Fire Barrier CP-25WB+.
- 2. PENETRATING ITEM: Plastic pipe or conduit.
- 3. ACCESSORIES:
 - 3a. Metal support clips.
 - 3b. Fastening anchors.
 - 3c. Steel hose clamps.
- 4. **FIRE RESISTANCE RATED ASSEMBLY:** Concrete block wall (soild or open), concrete floor assembly or gypsum wall board assembly.







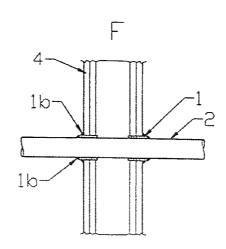
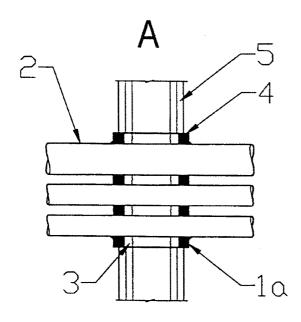
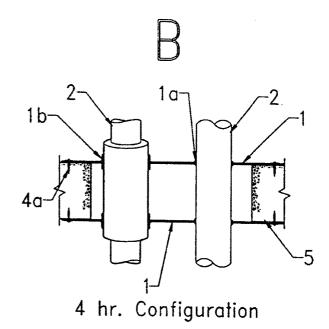


Figure 3*
3M Brand Fire Barrier CS-195+ Composite Sheet
Large Openings, Multiple Penetrants and 4-Hour System





DESCRIPTIONS

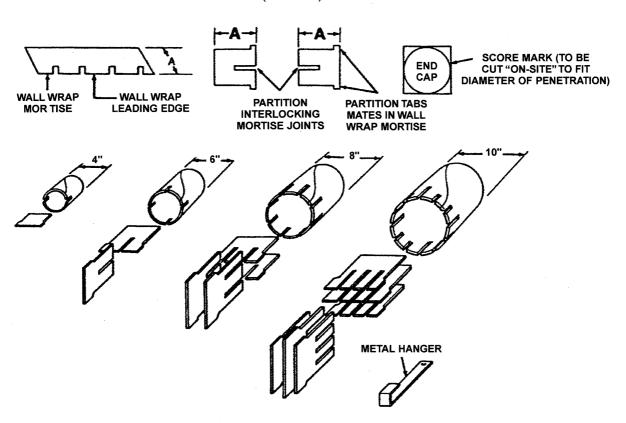
(see Table 1 for additional requirements)

- 3M BRAND: Fire Barrier CS-195+ Composite Sheet. The bottom CS-195+ Composite Sheet is required for the 4-hour system only.
 - 1a. 3M BRAND: Fire Barrier CP 25WB+ Caulk.
 - 1b. 3M BRAND: Fire Barrier FS-195+ Wrap/Strip.
- 2. **PENETRATING ITEM:** Metal pipe, conduit, insulated metal pipe or backer cables.
- 3. **DAMMING MATERIAL:** Mineral wool, Fiberglass insulation or backer rod.
- 4. STEEL SLEEVE:
 - 4a. Masonry fasteners.
 - 4b. Stainless steel tie wire.
 - 4c. Steel cover strip.
- FIRE RESISTANCE RATED ASSEMBLY: Concrete block wall (solid or open), concrete floor assembly or gypsum wall board assembly.

Figure 4* 3M Brand Fire Barrier Kits Penetration Sealing Systems

Typical Dimensions 7902 Series; 7904 Series

A = 2" (51 mm) FOR 7902 SERIES A = 4" (102 mm) FOR 7904 SERIES



7902-R and 7904-R Cut Off Tab Partitions

DESCRIPTIONS

(see Table 1 for additional requirements)

- 1. **3M Brand:** Fire Barrier 7902 and 7904 Series; 7902-R and 7904-R.
- 2. **PENETRATING ITEM:** Metal pipe or conduit, insulated metal pipe, electrical cable, or blank opening/construction joint.
- FIRE RESISTIVE ASSEMBLY: Concrete block wall (solid or open), concrete floor assembly or gypsum wall board assembly.

*THESE DRAWINGS ARE FOE ILLUSTRATION PURPOSE ONLY. THEY ARE NOT INTENDED FOR USE AS CONSTRUCTION DOCUMENTS FOR THE PURPOSE OF DESIGN, FABRICATION OR ERECTION.

CITY OF SANTA ANA

BUILDING PERMIT WORKSHEET NICON + RESMOOM 1/14/09: forms/Bldg. App. Worksheet PLEASE PRINT SUITE: SAPIN# PROJECT ADDRESS: COMMERCIAL INDUSTRIAL **OTHER** USE OF BUILDING: RESIDENTIAL MASTER ID# NATURE OF WORK: NEW ADD ALTERITY DEMO REROOF **REPAIR** SIGN MISC **NEW/ADDITION/ALTERATION:** BASEMENT: YES/NO SF NO. OF STORIES: 1ST FL.. SF PATIO/ENCL. PATIO: _____SF 2ND FL.. BLDG. HEIGHT: PROPOSED USE: TOTAL OF OTHER FLS: _____ SF RES. REMODEL: 1,500 SF GARAGE/CARPORT: SF ALTER/T.I.: JOB DESCRIPTION (non-residential projects see reverse side of this application): public carridon, everyon by PHONE NO: 949157.6 **BUILDING OWNER'S NAME:** STATE: PHONE NO: TENANT'S NAME (Comm/Ind): STATE CONTR. #: LICENSE CLASS: PHONE NO: CONTRACTOR'S NAME: CITY: STATE: ZIP: ADDRESS: INSURANCE COMPANY: SANTA ANA BUS. LIC. #: WORKERS COMP. POLICY#: EXP. DATE: STATE LICENSE #: ARCHITECT/ENGINEER: CITY: N#220 PM CONTACT NAME: PHONE NO: E-MAIL ADDRESS: 03000 GUE GOL **FAX NO:** C LOTZERO ACC OR SPC (CIRCLE ONE) BLDG. FEE \$ OFFICE USE ONLY: P/C FEE PD \$ RECEIPT #: OCC. GROUP: **VALUATION: \$** SUBMITTAL DATE TYPE OF CONSTR: PROCESSED FIRE SPKR: YES / NO A/C: YES / NO FLOOD ZONE: RES. DEV. FEE: YES / NO PRIOR DWELLING UNIT: YES / NO COMMENTS:

BLDG, DEPT, APPROVAL & DATE ---

PLANNING OK TO CHECK & DATE -

PLNG CONDITIONS: __

PLEASE CHECK ALL THAT APPLY TO YOUR PROJECT

JOB	DESCRIPTION CHECKLIST:	•	
	Additional square footage		Partition walls
	Awnings		Rated corridors
	Canopy		Rated shafts
	Ceiling work		Roof mounted equipment
	Change of occupancy (use)		Security bars
	Disabled accessible (H/C) restrooms		Screening for equipment
	Dust collector		Skylights
	Elevator shaft		Stairs
	Exterior doors or windows		Storefront/facade improvements
	Equipment pads		Storage racks or shelving over 5'-9"
	Interior demo		Walk-in coolers
	Kitchen equipment		
ITEN	IS REQUIRING SEPARATE BUILDING PERMIT AF	PPLICATIO	DNS:
	Block wall		
	Card readers		
	Complete demo		
	Fence		
	Fire signaling system		
	Fire sprinklers		
	Flagpole		
	Lawn sprinkler system		
	Light Standards		et en
	Parking lot repaving		en e
	Parking lot restriping		
	Pedestrian protection		
	Pool/Spa		
	Signs		
	Spray booth		
	Temporary power pole		
	Trash enclosure		

	FEE CHECKLIST	T WORKSHEET	
Received by:	·	SAPIN#:) 743ce
	FEE TYPE	REQUIRED Yes No	
	Plan Check Fee Disability Fee SMIP Fee	Yes No	
	Res. Dev. Fee Fire Facility Fee		
	School Distr. Fee Microfilm FCWP Surcharge		
	CALCULATI	ON AREA	
COST/SQ FT	X TOTAL	SQ FT = VA	LUATION
3590			

Counter computations/valuation \$_

Plan checker computation/final valuation \$_

CITY OF SANTA ANA PLAN CHECK - CHECKLIST DATE:

FOR PLANCHECK STATUS CALL (714) 647-5800

PLEASE INITIAL EACH ITEM BELOW

JOB ADDRESS

TRACKING #:

I agree to pay a plancheck fee established for this project with the understanding that this payment is not a guarantee that a permit will be issued and that this fee is not refundable once a plancheck has commenced.

I understand that I may request an "Accelerated Plancheck" at an additional cost to me. This plancheck will be performed by an in-house plan checker with the intention of reducing plancheck time for the Building & Safety Division.

I understand that the project valuation (from which plancheck and permit fees are calculated) will be reviewed during the plancheck process and that said valuation shall be adjusted up or down in accordance with established fee computation regulations.

I understand that I shall submit separate plans, applications and plancheck fees for the following when plan check is required:

- Electrical Plans 2 complete sets
- Mechanical Plans 2 complete sets
- Plumbing Plans 3 complete sets
- Grading Plans 3 complete sets

I understand that I shall visit the Public Works Department to verify whether a field inspection of the property is required. I understand that prior to the issuance of the Building permit I am required to obtain Public Works Agency approval if my project valuation exceeds \$30,000 or has added plumbing fixtures, or added bedrooms, or exceeds 500 sq.ft.

AGREED TO BY APPLICANT OR AGENT

Applicant's Signature Print Name _ Address Telephone Number

FOR OFFICE USE ONLY: "Checklist of items discussed" APPROVALS & FEES REQUIRED: Y/N

_ Planning Department 2. Public Works Agency 3. Fire Department

fitle 24 (Energy) Title 24 (Disabled Access)

Constr. Act. Reg. 15.__ Res. Dev. Fees-

9,___Roof Mounted Equip.

16.__ SMIP

4. Police Department 5.__ School District

List of Subcontr. Bldg. Pmt. Info.

13. \ FY Information

17 Microfilming 18. Const. Debris Recyc.

6.__ Health Department

12. Summary of Appr. Reg.

19.__ FCWP Surcharge 20.__LOA/Owner-Builder Ver.

PERMIT TECHNICIAN

Form 58: 3-26-04



Planning & Building Agency 20 Civic Center Plaza Ross Annex

P.O. Box 1988 (M-19) Santa Ana, CA 92702 (714) 647-5800

ADDENDUM TO: TITLE 24 ELECTRICAL ENERGY PLAN LTG-1 and ASSOCIATED DOCUMENTS

Updated 2/8/2010

This form must be completed by a Qualified Energy Consultant NOT BY THE ELECTRICAL DESIGNER or DOCUMENTATION AUTHOR (SEE ELECTRICAL PLANCHECK COMMENT BELOW)

Tracking Number:					ldress
Project Address:	3 HUTTOH	CENTER	DRIVE		- "
I have reviewed the drawings for the abov Standards and Admi 24, Parts 1 and 6. I u enforcement agency,	e project and find nistrative Require understand that m	both to be in oments of the of the officers in	compliance v California C performed a	with the Energy E code of Regulations as a representation	Efficiency ons, Title
Signature: Print Name:	LymonD Su		· · ·	WARTZEHO 12.08.2012	nscrium I.com
	onsortum I) Wo 8 42 DO	9000
	532 E. WI Danta ana ne of these numbe	, CA 92	705	E 1561	Countries of the Countr
Architect or Engineer Lie	cense Number	E15610			
Energy Analyst Certifica	tion Number				
				•	

ELECTRICAL PLANCHECK COMMENT (WEBLINKS LAST VERIFIED 2/8/10)

Provided Title 24 LTG-1 and associated 3rd generation forms must have all required signatures and information blocks completed, including this form - signed by an unbiased 3rd party enforcement agent.

A Certified Energy Plans Examiner, a licensed Engineer, or Architect — who is not directly involved in the design, documentation, or financial outcome of the project — is an appropriate 3rd party enforcement agent for this document.

Energy Analysts and Plans Examiners lists are at: http://www.cabec.org/ceperosterall.php http://www.pels.ca.gov/consumers/lic_lookup.shtml Engineers lists are at: Architect verification is at: http://www.cab.ca.gov/consumers/license_verification.shtml

Energy Commission website index is at: http://www.energy.ca.gov/html/directory.html#E

ABBREVIATIONS STAINLESS STEEL HEIGHT HEATING, VENTILATION, STORAGE STRUCTURAL SYMMETRICAL TELEPHONE TEMPERED TYPICAL UNDERWRITERS LABORATORY UNLESS NOTED OTHERWISE VINYL COMPOSITION TILE **MECHANICAL VESTIBULE** DETAIL DRINKING FOUNTAIN DIAMETER DIAGONAL DIMENSION VERIFY IN FIELD MANUFACTURER WATER HEATER NOT IN CONTRACT NOT TO SCALE ELEVATION ELECTRICAL PANEL EQUAL EXTERIOR EXISTING PLANNING DIVISION ON CENTER MASTER I.D. 2012 - 1015 26 OCCUPANCY PLASTIC LAMINATE FLOOR DRAIN FIRE EXTINGUISHER CABINET PLUMBING FIRE HOSE CABINET PLYWOOD FIXTURE FLUORESCENT FACE OF COLUMN REFRIGERATOR PLANNING INSPECTION REQUIRED SCHEDULE SOLID CORE GYPSUM BOARD RETAIN PLANS FOR FUTURE REVISIONS SUBJECT TO ITEMS CHECKED AND CONDITION! SQUARE FEET HOLLOW CORE HARDWARE HOLLOW METAL NO EXTERIOR ALTERATIONS MODIFICATIONS Now cally / Fixtures MISC. NOTES NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED THE FIRE ALARM PANEL IS BEING UPGRADING TO SUPPORT VISUAL WARNING

HUTTON CENTRE

BUILDING STANDARD COMMON AREA UPGRADES

EIGHTH FLOOR 3 HUTTON CENTER DR, SANTA ANA, CA 92707

The stamping of this set of plans SHALL NOT be held to permit or to approve the violation of any law, or structural stability of any building.

INSPECTIONS AND TESTS 72 HOURS IN ADVANCE. PHONE (714) 647-5700

CITY/BUILDING GENERAL SUBMINOTES/REQUIREMENTS

- PPROVED NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL BE NSTALLED IN ACCORDANCE WITH THE PROVISIONS OF NFPA 72 IN THE FOLLOWING

- NOTIFICATION APPLIANCES FOR THE HEARING IMPAIRED SHALL ALSO BE PROVIDED WITH THE FOLLOWING: PLACEMENT THAT RESULTS IN THE LOWEST OF A MINIMUM OF 80"(2 METERS) ABOVE THE FLOOR OF 6" (0.15 METER) BELOW THE CEILING.
- STROBE SPACING TO COMPLY WITH NFPA TABLE 4-4.4.1.1 (a) FOR WALL-MOUNTED AND TABLE 4-4.4.1.1(b) FOR CEILING-MOUNTED STROBES. WHEN STROBES ARE ADDED OR RELOCATED, ALL THE FOLLOWING NOTE TO THE DRAWINGS. STROBES IN THE SAME ROOM AND ALL STROBE VISIBLE FROM THE

SAME LOCATION SHALL BE SYNCHRONIZED TO FLASH SIMULTANEOUSLY.

STRUCTURAL

- FOR CEILING AREAS EXCEEDING 2,500 SF, A SEISMIC SEPARATION JOINT OR FULL HEIGHT PARTITION THAT BREAKS THE CEILING INTO AREAS NOT EXCEEDING 2,500 SF SHALL BE PROVIDED UNLESS STRUCTURAL ANALYSIS AREA PERFORMED. OF THE CEILING BRACING SYSTEM FOR THE PRESCRIBED SEISMIC FORCES THAT DEMONSTRATE CEILING SYSTEM PENETRATIONS AND CLOSURE ANGLES PROVIDE SUFFICIENT CLEARANCE TO ACCOMMODATE THE ANTICIPATED LATERAL DISPLACEMENT. EACH AREA SHALL BE PROVIDED WITH CLOSURE ANGLES IN ACCORDANCE WITH ITEM 2 AND HORIZONTAL RESTRAINTS OR BRACING IN ACCORDANCE WITH ITEM 3.
- CABLE TRAY AND ELECTRICAL CONDUITS SHALL BE SUPPORTED INDEPENDENTLY OF

- PATH OF TRAVEL SHALL RE OPERARIE WITH A SINGLE FEFORT WHICH RETRACTS ROTI LOCKS WITH A SINGLE OPERATION BY LEVER TYPE HARDWARE, BY PANIC BARS. PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE
- HINDER EXIT FROM ANY PORTION OF A BUILDING. POWER LOCKS MAY BE INSTALLED ON EXIT DOORS, WHEN ALL THE FOLLOWING REQUIREMENTS ARE MET A. AREAS EXITING THROUGH DOORS EQUIPPED WITH POWER LOCKS SHALL BE EQUIPPED WITH SMOKE DETECTION AND OCCUPANT NOTIFICATION DEVICES CONNECTED TO A FIRE ALARM PANEL FIRE ALARM SYSTEM PANEL AND DEVICES TO BE STATE FIRE
- B. THE EGRESS CONTROL DEVICE SHALL AUTOMATICALLY DEACTIVATE (OPEN) IN CASE OF ALARM.
- C. THE EGRESS CONTROL DEVICE SHALL AUTOMATICALLY DEACTIVATE (FAIL OPEN) UPON LOSS OF ELECTRICAL POWER TO THE EGRESS CONTROL DEVICE.
- D. THE EGRESS CONTROL DEVICE SHALL BE CAPABLE OF BEING MECHANICALLY OPENED FROM THE INSIDE USING STANDARD DOOR LEVER HARDWARE OR DOOR MOUNTED PUSH BAR. UNLOCKING SHALL NOT REQUIRE MORE THAN ONE OPERATION.
- TIME DELAY POWER LOCKS SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF CBC SECTION 1003.
- 7. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS FOR EXTERIOR DOORS AND INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLES TO HINGED DOORS AND AT THE CENTER PLACE OF SLIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC DOOR OPERATORS MAY BE UTILIZED TO MEET THE ABOVE STANDARDS. WHEN FIRE DOORS ARE REQUIRED, THE MAXIMUM EFFORT TO OPERATE THE DOOR MAY BE INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIATE ADMINISTRATIVE AUTHORITY, NOT TO EXCEED 15 POUNDS.

WHERE FLEXIBILITY IS REQUIRED AND WHERE NECESSARY TO MINIMIZE THE

- OCCUPANT DURING SUCH TIME AS THE BUILDING IS OCCUPIED. IF THE VELOCIT OF AIR AT A REGISTER EXCEEDS 10 FEET PER SECOND, THE REGISTER SHALL BE
- REQUIREMENTS (CBC SECTIONS 1003.3.1.8, 1133B.2.5, AND 1133B.2.5.1) ILLUMINATION (SEC. 1006 CBC)
 THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT

6. ALL HARDWARE SHALL COMPLY WITH EXITING AND DISABLED ACCESSIBILITY

- ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
- a. THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE LEVEL b. THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE
- PROVIDED BY THE PREMISES" ELECTRICAL SUPPLY. IN THE EVENT OF POWER SUPPLY FAILURE, AN EMERGENCY ELECTRICAL SYSTEM SHALL AUTOMATICALLY I. AISLES AND UNENCLOSED EGRESS STAIR WAYS IN ROOMS AND SPACES THAT
- EGRESS SPACES THAT REQUIRE TWO OR MORE MEANS OF EGRESS. 2. CORRIDORS, EXIT ENCLOSURES AND EXIT PASSAGEWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- 3. EXTERIOR EGRESS COMPONENTS AT OTHER THAN THE LEVEL OF EXIT DISCHARGE UNTIL EXIT DISCHARGE IS ACCOMPLISHED FOR BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS.
- 4. INTERIOR EXIT DISCHARGE ELEMENTS, AS PERMITTED IN SECTION 1024.1, IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS. 5. EXTERIOR LANDINGS. AS REQUIRED BY SECTION 1008.1.5. FOR EXIT DISCHARGE
- DOORWAYS IN BUILDINGS REQUIRED TO HAVE TWO OR MORE EXITS. c. THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR A DURATION OF NOT ESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UN EQUIPMENT OR AN ON—SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY

POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702.

PROJECT TEAM

MECHANICAL ENGINEER PASCOE DIRPES & ASSOCIATES, INC 2 EXECUTIVE CIRCLE, SUITÉ 215 IRVINE, CA 92614 949/852-1491 ATTN: CORNELIA DIRPES

PLUMBING ENGINEER

ELECTRICAL ENGINEER PASCOE DIRPES & ASSOCIATES, INC. IRVINE, CA 92614

ATTN: CORNELIA DIRPES

949/852-1491

STRUCTURAL ENGINEER

OWNER REPRESENTATIVE 3501 JAMBOREE, SUITE 100 NEWPORT BEACH, CA 92660 949/725-8588

ATTN: BOB KAVERT

MECHANICAL CONTRACTOR

ELECTRICAL CONTRACTOR

INTERIOR SPACE PLANNER

IRVINE, CA 92612

CONSULTANT

CADTRONICS, INC.

IRVINE, CA 92612 949/251-1710

1640 N. BATAVIA

949/310-7341

ORANGE, CA 92687

ATTN: ALLEN KANDEL

ATTN: BRYAN D. MONTOYA

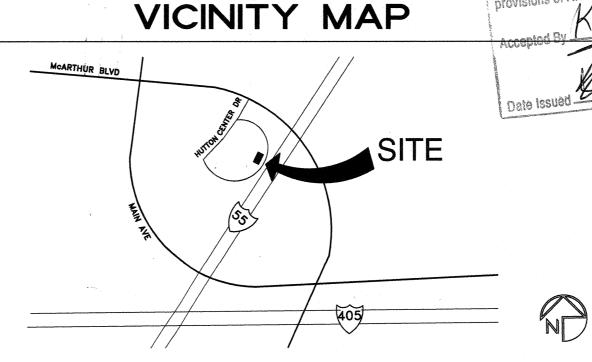
ATTN: SHEILA ANDELIN

949/757-6996

2070 BUSINESS CENTER DR., SUITE 220

2070 BUSINESS CENTER DR., SUITE 220

LIFE SAFETY SUB-CONTRACTOR



BUILDING DATA

2010 C.B.C.

B / 11 STORIES

APPROX. 1,500 S.F

BUILDING CODE OCCUPANCY : BUILDING TYPE FIRE ALARM : AREA OF IMPROVEMENT

ALL CONSTRUCTION SHALL COMPLY WITH:

- 2010 CALIFORNIA BUILDING CODE (PART 2 OF TITLE 24), BASED ON THE 2009 INTERNATIONAL BUILDING
- 2010 CALIFORNIA ELECTRICAL CODE (CEC) (PART 3 OF TITLE 24), BASED ON THE 2008 NATIONAL ELECTRICAL

(PART 5 OF TITLE 24), BASED ON THE 2009 UNIFORM PLUMBING CODE

(PART 4 OF TITLE 24), BASED ON THE 2009 UNIFORM MECHANICAL

2008 BUILDING ENERGY EFFICIENCY STANDARDS (BEES) 2010 CALIFORNIA GREEN BUILDING STANDARDS CODE (CALGREEN)

TYPE [I-A], FULLY SPRINKLERED [X] YES [] NO

3 HUTTON CENTER DR, 8TH FLOOR, SANTA ANA, CA 92707

- 2010 CALIFORNIA FIRE CODE (PART 9 OF TITLE 24), BASED ON THE 2009 INTERNATIONAL FIRE CODE (IFC).
- 2010 CALIFORNIA EXISTING BUILDING CODE (Previously known as the California code of Building (PART 10 OF TITLE 24), BASED ON THE 2009 INTERNATIONAL

CHAPTER 15 OF THE NEWPORT BEACH MUNICIPAL CODE.

BUILDING STANDARD RESTROOM UPGRADES WERE ALREADY APPROVED UNDER P.C. #10165505-09.

SHEET INDEX

MECHANICAL TITLE 24 FORMS

IT IS THE PROJECT DESIGNER'S / PROPERTY OWNER'S RESPONSIBILITY TO SHOW COMPLIANCE

ON THE DRAWINGS WITH ALL APPLICABLE FEDERAL AND STATE ACCESSIBILITY STANDARDS.

THIS PROJECT HAS BEEN REVIEWED ONLY FOR THE NECESSARY 20% UPGRADE REQUIREMENTS

FIRE ALARM WILL BE CURRENT ADA AUDIO AND VISUAL COMPLIANT OR UPGRADE IS REQUIRED

LIGHTING PLAN

GENERAL NOTES

INSTALL NEW LIGHT FIXTURE AND FINISHES THROUGHOUT COMMON AREA.

- ALL WORK PERFORMED SHALL COMPLY WITH APPLICABLE LAWS INCLUDING, BUT NOT LIMITED TO, THE CALIFORNIA BUILDING CODE, 2007 CBC. CEC, CMC, CPC, CFC, 2005 ENERGY TITLE 24. AND WITH ALL LOCAL AND STATE CODES, ORDINANCES, A HE DRAWINGS AND CONTRACTOR SHALL COMPLY WITH MOST RECENT EDITIONS. THESE DRAWINGS ARE SUBJECT TO THE APPROVALS OF STATE AND LOCAL BUILDING
- AND FIRE DEPARTMENT APPROVALS. SHALL BE MADE BY GENERAL CONTRACTOR, WHO SHALL COMPARE IT WITH TH DRAWINGS AND SATISFY HIMSELF TO CONDITIONS UNDER WHICH WORK IS TO PERFORMED. CONFLICTS, OMISSIONS, ETC. SHALL BE REPORTED TO THE SPACE PLANNER BEFORE PROCEEDING WITH ANY WORK.
- THE WORK. ANY DISCREPANCIES AND/OR OMISSIONS IN THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE SPACE PLANNER PRIOR TO
- MATERIALS ARE SPECIFIED BY THEIR BRAND NAMES TO ESTABLISH STANDARDS OF QUALITY AND PERFORMANCE. ANY REQUEST FOR SUBSTITUTION SHALL BE SUBMITTED WITHIN FIVE (5) DAYS OF THE AWARD OF THE CONTRACTOR TO THE PACE PLANNER FOR REVIEW OF EQUIVALENT QUALITY AND PERFORMANCE AND SHALL NOT BE PURCHASED OR INSTALLED WITHOUT WRITTEN APPROVAL. ALL WORK LISTED, SHOWN, OR IMPLIED, ON ANY CONSTRUCTION DOCUMENTS SHALL BE
- SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. EXCEPT WHERE NOTED. OTHERWISE. THE GENERAL CONTRACTOR SHALL CLOSELY COORDINATE HIS WORK WITH THAT OF OTHER CONTRACTORS, OR VENDORS, TO ASSURE THAT ALL CHEDULES ARE MET AND THAT ALL WORK SHALL BE DONE IN CONFORMANCE TO MANUFACTURER'S THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF
- CONSTRUCTION DOCUMENTS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION AND SHALL PROVIDE ALL SUBCONTRACTORS WITH CURRENT CONSTRUCTION THE GENERAL CONTRACTOR SHALL REMOVE ALL RUBBISH AND WASTE MATERIALS OF ALL SUBCONTRACTORS AND TRADES DAILY AND SHALL EXERCISE STRICT CONTROL OVER JOB CLEANING TO PREVENT ANY DIRT, DEBRIS OF DUST FROM AFFECTING, IN
- RESPONSIBLE TO SCRAPE OUT, CLEANUP AND REMOVE ALL DEBRIS RELATED TO THE BUILD-OUT. ARCHITECT IS NOT RESPONSIBLE FOR DETECTION OR REMOVAL OF ANY THE CONTRACT DOCUMENTS AND COPIES THEREOF ARE LEGAL INSTRUMENTS OF SERVICE FOR THE USE OF THE OWNER AND AUTHORIZED REPRESENTATIVES, FOR THE

ANY WAY, FINISHED AREAS IN OR OUTSIDE OF JOB SITE. CONTRACTOR IS

DESIGNATED PROPERTY ONLY. THE CONTRACT DOCUMENTS AND COPIES THEREOF ARE PROPERTY OF SPACE PLANNER. CONTRACTOR SHALL PATCH ANY EXISTING WALLS, COLUMNS AND/OR CEILINGS AS NEEDED TO REFURBISH THE LEASE SPACE AND REPAIR ALL DAMAGES. CONTRACTOR

SHALL REFINISH ANY BLEMISHED DOORS.

OWNER. TENANT, OR BOTH.

- PREPARE ALL FLOORS AND WALLS TO RECEIVE NEW FINISHES, U.N.O. CONTRACTOR AND SPACE PLANNER TO REVIEW CHALK LINES PRIOR TO COMMENCEMENT OF PARTITION CONSTRUCTION.
- ALL PENETRATIONS AT ONE OR TWO HOUR PARTITIONS SHALL BE PROTECTED BY FIRE CONTRACTOR SHALL PROTECT ALL EXISTING AREAS. CONTRACTOR SHALL SUBMIT CONFIRMATION WITH DELIVERY DATES FOR ORDERS OF
- MATERIALS AND EQUIPMENT OF ANY LONG LEAD TIME ORDERS WHICH MAY AFFECT PLANS FOR ALL FIXED FIRE PROTECTION EQUIPMENT SUCH AS STAND PIPES. SPRINKLER SYSTEMS AND FIRE ALARM SYSTEMS, MUST BE SUBMITTED TO AND
- APPROVED BY THE FIRE DEPARTMENT OFFICIALS BEFORE EQUIPMENT IS INSTALLED. INSTALL ALL MANUFACTURED ITEMS, MATERIALS AND EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. CONTRACTOR FOR THE PROJECT SHALL BE RESPONSIBLE FOR OBTAINING ALL
- REQUIRED BUILDING PERMITS. ALL WORK NOTED "N.I.C." OR "NOT IN CONTRACT" IS TO BE ACCOMPLISHED BY A CONTRACTOR OTHER THAN THE GENERAL CONTRACTOR AND IS NOT TO BE PART OF THE CONSTRUCTION AGREEMENT. THE GENERAL CONTRACTOR SHALL COORDINATE WITH "OTHER" CONTRACTORS AS REQUIRED PER REQUIREMENTS ESTABLISHED BY
- "ALIGN" AS USED IN THESE DOCUMENTS SHALL MEAN TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE. "TYPICAL" AS USED IN THESE DOCUMENTS SHALL MEAN THAT THE CONDITION IS THE SAME OR REPRESENTATIVE FOR ALL SIMILAR CONDITIONS THROUGHOUT, UNLESS DETAILS ARE USUALLY KEYED AND NOTED "TYPICAL" ONLY ONCE WHEN THEY FIRST

OCCUR, AND ARE REPRESENTATIVE FOR SIMILAR CONDITIONS THROUGHOUT, UNLESS

- 24. ALL NEW INTERIOR DOORS & HARDWARE ARE TO MATCH EXISTING. HOWEVER, ALL DOORS MUST HAVE LEVER TYPE HARDWARE. 25. ALL VERTICAL DIMENSIONS SHOWN ARE TO FLOOR SLAB, UNLESS OTHERWISE NOTED. 26. DO NOT SCALE DRAWINGS, DIMENSIONS GOVERN. LARGE SCALE DETAILS GOVERN
- 27. ALL WORK PERFORMED BY THE CONTRACTOR SHALL CONFORM TO THE EXISTING
- 28. THE STARTING OF ANY WORK BY ANY CONTRACTOR OR SUBCONTRACTOR SHALL BE CONSIDERED PRIMA FACIE EVIDENCE THAT HE HAS INSPECTED AND ACCEPTED ALL CONDITIONS INVOLVED IN HIS WORK AND FINDS THEM SATISFACTORY. 29. BARRICADES SHALL BE ERECTED PER LOCAL DEPARTMENT OF BUILDING AND SAFETY

OVER SMALL SCALE DETAILS. CONTACT SPACE PLANNER IMMEDIATELY WITH ANY/ALL

30. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF EXISTING FIRE RATED WALLS (i.e. NO GAPS, HOLES, VOIDS, UNSEALED PENETRATIONS, ETC. 31. BEFORE ACCEPTANCE BY THE OWNER, THE COMPLETED CONSTRUCTION SHALL BE

CLEANED, LABELS REMOVED AND ALL OTHER TOUCH—UP COMPLETED.

- ALL CONTRACTORS AND/OR SUPPLIER REQUESTS FOR SUBSTITUTIONS OF SPECIFIED ITEMS SHALL BE SUBMITTED IN WRITING, ACCOMPANIED BY THE ALTERNATIVE NOT SACRIFICE QUALITY, APPEARANCE AND FUNCTION. UNDER NO CIRCUMSTANCES MIL THE DESIGNER BE REQUIRED TO PROVE THAT A PRODUCT PROPOSED FOR
- SUBSTITUTE IS OR IS NOT OF EQUAL QUALITY TO THE PRODUCT SPECIFIED. 33. INSTALLATION OF ALL SELECTED MATERIALS SHALL BE COMPLETE IN ALL RESPECTS PRIOR TO FINAL ACCEPTANCE. ANY MISCELLANEOUS ITEMS OR MATERIALS NOT SPECIFICALLY NOTED, BUT REQUIRED FOR PROPER INSTALLATION SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL FURNISH TO THE
- OWNER ALL WARRANTIES AND GUARANTEES REQUIRED AT THE CONCLUSION OF WOR 34. THE CONTRACTOR SHALL SUBMIT CUT SHEETS OF ALL FIXTURES, SHOP DRAWINGS AN SCHEDULES TO THE INTERIOR DESIGNER FOR APPROVAL BEFORE ORDERS ARE PLACE AND RELATED WORK IS BEGUN. ANY FABRICATION DONE PRIOR TO THE APPROVAL OF
- 35. ALL WORK SHALL BE SCHEDULED AND PERFORMED SO AS NOT TO DISTURB OR CAUSE DAMAGE TO ANY TENANT IN THE BUILDING. SCHEDULE AND COORDINATE ALL WORK FREIGHT ELEVATOR USE AND TRASH REMOVAL THROUGH THE BUILDING MANAGEMENT 36 THE CENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY BASE

SHOP DRAWINGS BY THE INTERIOR DESIGNER SHALL BE AT THE CONTRACTOR'S RISK.

- BUILDING CONSTRUCTION DEFECTS TO THE BUILDING MANAGEMENT AND OWNERSHI CORRECTIONS OF SUCH DEFECTS ARE PERFORMED PRIOR OR DURING 37. "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE ELEVATION NOTED. VERIFY
- DIMENSIONS AND ORIENTATION ON PLAN. 38. ALL DIMENSIONS ARE TO FACE OF FINISH, U.N.O. PLACE PARTITION CENTERLINE ON COLUMN OR MULLION CENTERLINE, U.N.O.
- 39. WORK NOT SPECIFICALLY DETAILED OR SPECIFIED SHALL BE PROVIDED IN ACCORDANCE WITH DETAILS OR SIZES COVERING SIMILAR WORK FOR EXISTING CONSTRUCTION. 40. THE CONTRACTOR SHALL UNDERCUT BUILDING STANDARD INTERIOR DOORS AS REQUIRED TO CLEAR FINISHED FLOORING BY 1/4". ALL RATED DOORS, IF ANY, SHALL
- 41. DOOR OPENINGS IN GYPSUM BOARD PARTITIONS NOT DIMENSIONED ARE TO BE LOCATED 4" FROM DOOR JAMB TO ADJACENT WALL, U.N.O. 42. ACCESS PANELS SHALL BE PROVIDED FOR ELECTRICAL, PLUMBING AND AIR

BE ORDERED SO AS TO CLEAR FINISHED FLOOR BY 1/4", U.N.O.

- CONDITIONING CONTROLS AND SYSTEMS. LOCATIONS SHALL BE REVIEWED WITH 43. CONTRACTOR(S) ON THE JOB SHALL FURNISH OWNERS WITH AS-BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.
- 44. THE CONTRACTOR SHALL PROVIDE ALL TOOLS, TRANSPORTATION, UTILITIES, LABOR, MATERIALS, EQUIPMENT AND OTHER SERVICES AND RELATED TAXES NECESSARY FOR PROPER EXECUTION OF THE NEW IMPROVEMENTS. 45. ANY AND ALL REVISIONS SHALL BE WRITTEN IN CHANGE ORDER FORM AND APPROVED
- AND AUTHORIZED BY THE OWNER BEFORE BEGINNING WORK. 46. WORK INCLUDES DEMOLITION, REMOVAL AND REINSTALLATION WHERE REQUIRED. REMOVE, REVISE, RELOCATE AND REINSTALL AS REQUIRED. ITEMS TO BE REMOVED SHALL BE STORED AS DIRECTED BY OWNER OR PROPERTY DISPOSED OF OFF-SITE. DEMOLITION MATERIALS SHALL BE DISPOSED OF OFF-SITE ON A DAILY BASIS.

- 47. THE CONTRACTOR SHALL PROVIDE PROTECTION AS REQUIRED TO PREVENT ANY 23. COLUMN CENTERLINE (ALSO REFERRED TO AS GRID LINES) ARE SHOWN FOR ND AFTER INSTALLATION; ALSO EXISTING CONSTRUCTION WITH AND ADJACENT TO THE JOB SITE. WHERE DAMAGE OCCURS, REPAIR OR REPLACE AS REQUIRED TO THE
 - 48. ANY REVISIONS OR ADDITIONAL WORK REQUIRED BY THE CLIENT FIELD CONDITIONS OR LOCAL GOVERNING AUTHORITIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER BEFORE PROCEEDING REGARDLESS OF COST, TIME OR MATERIAL INCREASE.
 - 50. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING HANGERS OR OTHER SUPPORT FOR ALL FIXTURES, EQUIPMENT, CABINETRY, FURNISHINGS AND ALL OTHER ITEMS REQUIRED THE SAME. REFERENCE
 - 51. THE CONTRACTOR SHALL PROVIDE THREE (3) SETS OF SHOP DRAWINGS TO THE DESIGNER FOR DESIGN APPROVAL AFTER HE HAS REVIEWED THEM FOR CONSTRUCTION AND CONFORMANCE WITH THE CONTRACT DOCUMENTS.

WHEREVER NECESSARY TO TAKE CARE OF ALL LOADS TO WHICH THE STRUCTURE MAY

- 52. THE CONTRACTOR SHALL SUBMIT SAMPLES OF MATERIAL FINISHES TO THE DESIGNER FOR APPROVAL PRIOR TO INSTALLATION. FAILURE TO DO SO WILL BE THE TOTAL RESPONSIBILITY AND LIABILITY OF THE CONTRACTOR WHETHER SPECIFIED CORRECTLY OR NCORRECTLY ON THE CONTRACT DOCUMENTS. THIS REQUIREMENT IS FOR
- 3. REMOVAL OF EXCESS MATERIALS, TOOLS AND EQUIPMENT RELATED TO EACH PORTION OF THE WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR INVOLVED. WHO SHALL REMOVE THEM FREQUENTLY DURING CONSTRUCTION AND UPON COMPLETION OF HIS
- 4. DAMAGE TO OTHER WORK BY A SUB-CONTRACTOR SHALL BE REPAIRED BY THE TRADE WHOSE WORK IS DAMAGED AND SHALL BE CHARGED TO THE SUB-CONTRACTOR. 55. VERIFY WITH MECHANICAL (IF ANY) DRAWINGS FOR MECHANICAL OPENING SIZE AN LOCATIONS IN PARTITIONS. SEAL BETWEEN DUCTS AND PARTITIONS WHEREVER REQUIRED.

THE CONTRACTOR SHALL HOLD HARMLESS THE TENANT, DESIGNER, BUILDING OWNER AND

THEIR REPRESENTATIVES OF ANY SUITS OR ANY LEGAL ACTION ARISING FROM THE

- · CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO INSURE THE STABILITY OF THE ADJACENT DEMISING WALLS.
- 58. ALL HOT AND COLD WATER LINES AND VENTS SHALL BE CONNECTED TO NEAREST WET 59. TOUCH-UP OF EXTERIOR MULLION SYSTEM TO BE INCLUDED IN PROPOSAL OF SERVICES

FIRE AUTHORITY NOTES/ PROTECTION NOTES: DISREGARD NOTES THAT DO NOT APPLY TO THIS PROJECT)

APPROVAL OF THE FIRE INSPECTOR.

- 1. FOR ASSISTANCE WITH FIRE RELATED ISSUES OR TECHNICAL QUESTIONS PLEASE CALL (714) 573-6108.
- 2. IF AN INSPECTION IS REQUIRED, CALL OCFA INSPECTION SCHEDULING AT (714) 573-6150 TO SCHEDULE ALL INSPECTIONS AT LEAST 48 HOURS IN ADVANCE. INSPECTIONS CANCELED AFTER 1 P.M. ON THE DAY BEFORE THE SCHEDULED DATE WILL BE SUBJECT LOCATIONS AND CLASSIFICATIONS OF FIRE EXTINGUISHERS SHALL BE IN ACCORDANCE WITH THE UNIFORM FIRE CODE STANDARD 10-1 AND PLACEMENT IS SUBJECT TO THE
- 4. STORAGE, DISPENSING OR USE OF ANY FLAMMABLE AND COMBUSTIBLE LIQUIDS FLAMMABLE AND COMPRESSED GASES, AND OTHER HAZARDOUS MATERIALS SHAL COMPLY WITH UNIFORM FIRE CODE REGULATIONS. STORAGE AND USE OF HAZARDOUS MATERIALS SHALL BE APPROVED BY THE OCFA PRIOR TO ANY MATERIALS BEING STOREI OR USED ON-SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED PRIOR TO THE STORAGE AND USE OF HAZARDOUS MATERIALS. BUILDING(S) NOT APPROVED FOR HIGH-PILED STORAGE (MATERIALS IN CLOSELY PACKED PILES OR ON PALLETS, OR IN RACKS WHERE THE TOP OF STORAGE EXCEEDS 12 FEET IN
- 6. ALL WEATHER FIRE ACCESS ROADS SHALL BE APPROVED BY THE OCFA AND IN PLACE AND IN PLACE BEFORE ANY COMBUSTIBLE MATERIALS ARE PLACED ON THE SITE. ACCESS ROADS SHALL BE MAINTAINED CLEAR OF OBSTRUCTIONS. 7. ACCESS GATES SHALL BE IN COMPLIANCE WITH THE UNIFORM FIRE CODE, SECTION 902 AND OCFA GUIDELINES. A SEPARATE PLAN SUBMITTAL AND APPROVAL BY OCFA IS

HEIGHT, AND 6 FEET FOR GROUP A PLASTICS AND CERTAIN OTHER HIGH-HAZARD

COMMODITIES). HIGH-PILED STORAGE SHALL BE APPROVED BY THE OCFA PRIOR TO

HIGH-PILED STORAGE IN ACCORDANCE WITH THE UNIFORM FIRE CODE, ARTICLE 81.

ATERIALS BEING STORED ON-SITE. A SEPARATE PLAN SUBMITTAL IS REQUIRED FO

- MONITORING SYSTEM(S) SHALL BE APPROVED BY THE OCFA PRIOR TO INSTALLATION, A SEPARATE PLAN SUBMITTAL AND APPROVAL BY THE OCFA IS REQUIRED PRIOR TO TH
- 9. THE FIRE INSPECTOR MAY REQUIRE A LETTER OF INTENDED USE FOR THE STRUCTURE(S) 10. PRIOR TO THE APPROVAL OF ARCHITECTURAL PLANS, PROJECTS WITH NEW CONSTRUCTION OR ADDITIONS TO EXISTING STRUCTURES, PLANS AND DOCUMENTATION FOR FIRE DEPARTMENT ACCESS, HYDRANT LOCATIONS, WATER AVAILABILITY AND FIRE LANE MARKINGS SHALL BE SUBMITTED TO AND APPROVED BY THE OCFA. AN OCF APPROVED SITE PLAN SHALL BE SUBMITTED WITH THE ARCHITECTURAL PLANS. ACCORDANCE WITH THE DESIGN. BRACING SHALL BE PLACED DURING ERECTION
 - 11. IN STRUCTURES OF UNDETERMINED USE, THE MINIMUM FIRE SPRINKLER DESIGN DENSITY REQUIRED SHALL BE ORDINARY HAZARD (GROUP 2) WITH A DESIGN AREA OF 3000
 - 12. AN AUTOMATIC EXTINGUISHING SYSTEM SHALL BE PROVIDED TO PROTECT COMMERCIAL-TYPE FOOD HEAT PROCESSING EQUIPMENT THAT PRODUCES GREASE-LADEN APORS. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR THE INSTALLATION OF THE SYSTEM AND SHALL BE IN ACCORDANCE WITH UFC ARTICLE 10, NFPA 17A AND 96. 13. ADDRESS NUMBERS SHALL BE A MINIMUM SIX INCHES HIGH AND PLAINLY VISIBLE FROM THE ROADWAY BUILDING IS ADDRESSED ON.
 - 14. KNOX BOX ACCESS SHALL BE PROVIDED FOR ALL BUILDINGS. AND FIRE DEPARTMENT CONNECTIONS SHALL BE PAINTED OSHA SAFETY RED PER LOCAL AMENDMENT, ALL FIRE HYDRANTS SHALL HAVE A "BLUE REFLECTIVE PAVEMENT MARKET
 - INDICATING THE LOCATION PER THE OCFA STANDARD. ON PRIVATE PROPERTY MARKERS ARE TO BE MAINTAINED IN GOOD CONDITION BY THE PROPERTY OWNER. 16. DUMPSTERS AND TRASH CONTAINERS LARGER THAN 1.5 CUBIC YARDS SHALL NOT STORED IN BUILDINGS OR PLACED WITHIN 5 FEET OF COMBUSTIBLE WALLS, OPENINGS OF COMBUSTIBLE ROOF EAVE LINES UNLESS PROTECTED BY AN APPROVED SPRINKLER
 - EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS AND FIRE EXTINGUISHER OCATIONS SHALL NOT BE CONCEALED BY DECORATIVE MATERIAL 18. EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT AS REQUIRED BY 2007 CBC.

17. INTERIOR FINISH SHALL CONFORM TO CHAPTER 8 OF THE 2007 CBC. DECORATIVE

MATERIALS SHALL BE FLAME RETARDANT. CERTIFICATION THEREOF SHALL BE PROVIDED.

19. EXIT DOORS SHALL BE CLEARLY IDENTIFIED WITH EXIT SIGNS. SUCH SIGNS MUST HAVE EMERGENCY POWER BACK-UP. 20. THE EXIT PATH FROM OCCUPIED SPACES SHALL BE ILLUMINATED AT ALL TIMES IN ACCORDANCE WITH 2007 CBC.

21. TACTILE EXIT SIGNS SHALL BE PROVIDED ALONG THE EXIT PATH AS REQUIRED BY 2007

ASSEMBLY OCCUPANCIES . OCCUPANT LOAD SIGN, WITH MINIMUM ONE-INCH LETTERS AND NUMBERS, SHALL BE

- POSTED NEAR MAIN EXIT. 2. PANIC HARDWARE SHALL BE PROVIDED FOR ALL EXIT AND EXIT ACCESS DOORS IN ASSEMBLY OCCUPANCIES. SUCH DOORS SHALL SWING IN THE DIRECTION OF EXIT TRAVEL.
- 3. IN AREAS WITHOUT FIXED SEATS, MINIMUM AISLE WIDTHS SHALL BE 44 INCHES FOR SEATING ON BOTH SIDES OF THE AISLE OR 36 INCHES FOR 4. A MANUAL FIRE ALARM SYSTEM IS REQUIRED IN A-1, A-2 AND A-2.1 OCCUPANCIES.
- SUBMIT PLANS UNDER A SEPARATE SERVICE REQUEST 5. AT THE TIME OF REVIEW OF THESE PLANS, NO DECORATIVE MATERIALS WERE PRESENT HAT REQUIRED FLAME RETARDANT TREATMENT AND CERTIFICATION. SHOULD DECORATIVE MATERIALS BE INSTALLED IN THE FUTURE, SUCH MATERIALS SHALL BE PROPERLY TREATED BY A PRODUCT OR PROCESS APPROVED BY THE STATE FIRE MARSHAL WITH APPROPRIATE DOCUMENTATION LOOSE SEATS, FOLDING CHAIRS, OR SIMILAR SEATING THAT IS NOT FIXED TO THE FLOOR

OPEN FLAME IN ASSEMBLY AREAS IS PROHIBITED EXCEPT AS SPECIFICALLY PERMITTED

. ALL INTERIOR WALL AND CEILING FINISHES SHALL COMPLY WITH 2007 CBC AND

SHALL BE APPROVED PRIOR TO APPLICATION. EDUCATIONAL OCCUPANCIES 8. SMOKE DETECTORS SHALL BE REQUIRED IN ROOMS WITH A COMMON ATMOSPHERE WHEN THE SINGLE REQUIRED EXIT PATH OF ONE ROOM PASSES THROUGH ANOTHER.

SHALL BE BONDED TOGETHER IN GROUPS OF THREE OR MORE

WHEN THERE ARE 300 OR MORE SEATS.

BY THE OCFA IN COMPLIANCE WITH CFC 1109.8.

- MORE OCCUPANTS AND ON ALL CORRIDOR DOORS.
- OCCUPANTS. WHEN AUTOMATIC SPRINKLER OR SMOKE DETECTION SYSTEMS ARE INSTALLED, SUCH SYSTEMS SHALL BE TIED TO THE ALARM SYSTEM. 1. INDOOR STORAGE OF FLAMMABLE AND COMBUSTIBLE LIQUIDS SHALL NOT EXCEED THE EXEMPT AMOUNTS SET FORTH IN THE CFC ARTICLE 79.
- IN THE VICINITY/ENTRANCES TO AREAS WHERE HAZARDOUS MATERIALS ARE STORED IN QUANTITIES SUFFICIENT TO REQUIRE A CFC PERMIT.
- 13. ALL EXIT AND EXIT ACCESS DOORWAYS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL REGARDLESS OF THE OCCUPANT LOAD. 14. OCFA APPROVAL IS REQUIRED FOR INSTALLATION OF SPRAY BOOTHS. SUBMIT PLANS UNDER A SEPARATE SERVICE REQUEST NUMBER.

5. EXIT AND EXIT ACCESS DOORS FROM ROOMS IN H-1, 2, 3, 6 AND 7 OCCUPANCIES

- SHALL NOT BE PROVIDED WITH A LATCH OR LOCK UNLESS IT IS 16. AN AUTOMATIC FIRE EXTINGUISHING SYSTEM IS REQUIRED IN ALL H-1, 2, 3, 6 AND 7 OCCUPANCIES AND IN H-4 OCCUPANCIES LARGER THAN
- MOTOR VEHICLES, SOURCES OF IGNITION SHALL NOT BE WITHIN 18 INCHES OF THE FLOOR IN ANY REPAIR GARAGE. AN AUTOMATIC FIRE SPRINKLER SYSTEM SHALL BE INSTALLED THROUGHOUT THE BUILDING IN COMPLIANCE WITH NFPA 13, SECTION 1003 OF THE 2007 CFC AND SECTION

904 OF THE 2007 CBC. A SEPARATE PLAN SUBMITTAL IS REQUIRED.

17. SMOKING AND OPEN FLAMES SHALL BE PROHIBITED IN AREAS USED FOR SERVICING OF

BY A UL LISTED CENTRAL ALARM STATION WHERE THE NUMBER OF HEADS EXCEEDS 99 PER SECTION 1003.3 OF THE 2007 CFC. . AN AUTOMATIC FIRE ALARM SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH THE 007 CBC AND NFPA 72. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR APPROVAL

2. AUTOMATIC FIRE SPRINKLER SYSTEM(S) AND ALL CONTROL VALVES SHALL BE MONITORED

PRIOR TO INSTALLATION A MANUAL FIRE ALARM SYSTEM SHALL BE INSTALLED THROUGHOUT THE BUILDING PER THE 2007 CFC. A SEPARATE PLAN SUBMITTAL IS REQUIRED FOR APPROVAL PRIOR TO

APPROVED BY THE OCFA PRIOR TO MODIFICATION. A SEPARATE PLAN SUBMITTAL IS

THIS BUILDING IS NOT APPROVED FOR HIGH-PILED STOCK. MATERIALS CANNOT BE ORED HIGHER THAN SIX FEET WITHOUT FIRST OBTAINING APPROVAL FROM THE OCFA. A SEPARATE SUBMITTAL IS REQUIRED PRIOR TO STORING MATERIALS ABOVE SIX FEET. . STORAGE WITHIN AISLES IS PROHIBITED. THE REQUIRED WIDTH OF AISLES SHALL REMAIN CLEAR AT ALL TIMES. AT NO TIME SHALL STORAGE BLOCK EXIT TRAVEL OR EXIT DOORS.

BUILDINGS CONTAINING REFRIGERATION SYSTEMS SHALL COMPLY WITH ARTICLE 63 OF

2. REFRIGERANT TYPES SHALL NOT BE CHANGED WITHOUT PRIOR APPROVAL FROM THE

STORMWATER POLLUTION PREVENTION DEVICES AND PRACTICES SHALL BE INSTALLED

QUALITY STANDARDS CONTAINED IN CHAPTER 3. WATER, OF DIVISION 8 OF TITLE 6 OF

THE CITY MUNICIPAL CODE AND ANY EROSION CONTROL PLAN ASSOCIATED WITH THIS

AND/OR MONITORED TO ENSURE ADEQUACY AND PROPER FUNCTION THROUGHOUT THE

AND/OR INSTITUTED AS NECESSARY TO ENSURE COMPLIANCE TO THE CITY WATER

PROJECT. ALL SUCH DEVICES AND PRACTICES SHALL BE MAINTAINED, INSPECTED

- THE SMOKE CONTROL SYSTEM SHALL COMPLY WITH CHAPTER 4 OF THE 2007 CBC. A SEPARATE PLAN SUBMITTAL SHALL BE SUBMITTED FOR APPROVAL FOR THE SMOKE CONTROL SYSTEM PRIOR TO THE INSTALLATION. REFRIGERATION SYSTEMS
- 3. CONTROL BOXES SHALL BE PROVIDED WITH A PERMANENT LABEL ON THE OUTSIDE READING "FIRE DEPARTMENT—EMERGENCY CONTROL BOX."

STORMWATER POLLUTION PREVENTION NOTES:

DURATION OF THE CONSTRUCTION PROJECT.

COMPLIANCE TO THE WATER QUALITY STANDARDS AND ANY EROSION CONTROL PLAN ASSOCIATED WITH THIS PROJECT INCLUDEDS, BUT IS NOT LIMITED TO THE FOLLOWING REQUIREMENTS: 10. A MANUAL ALARM SYSTEM IS REQUIRED IN E-1 AND 3 OCCUPANCIES WITH 50 OR MORE SEDIMENTS AND OTHER POLLUTANTS SHALL BE RETAINED ON SITE UNTIL PROPERL' DISPOSED OF, AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW,

2. STOCKPILES OF EACH AND OTHER CONSTRUCTION—RELATED MATERIALS SHALL BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND . FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS SHALL BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AN

SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES OR WIND.

- FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED (IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM, NOR BE ALLOWED TO SETTLE OR INFILTRATE INTO SOIL. THER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE VASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTES. 5. TRASH AND CONSTRUCTION SOLID WASTES SHALL BE DEPOSITED INTO A COVERED
- SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY ACCIDENTAL DEPOSITS SHALL BE SWEPT UP IMMEDIATELY AND MAY NOT BE WASHED 7. ANY SLOPES WITH DISTURBED SOILS OR REMOVED VEGETATION SHALL BE STABILIZED

VEHICULAR TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED

- PROVIDE SMOKE AND FIRE DAMPERS AT ALL DUCT PENETRATIONS THROUGH RATED WALLS. DAMPER TO BE ACTIVATED BY SMOKE DETECTOR AND INSTALLED PER IT'S LISTING . SEE MECHANICAL ENGINEERING FOR LOCATION.
- MECHANICALLY OPERATED VENTILATION SYSTEM SHALL BE CAPABLE OF SUPPLYING A MINIMUM OF 15 CUBIC FEET PER MINUTE OF OUTSIDE AIR PER OCCUPANT DURING SUC TIME AS THE BUILDING IS OCCUPIED. IF THE VELOCITY OF AIR AT A REGISTER EXCEEDS FLOOR DIRECTLY BENEATH. CBC 1203.4.

ALL ENCLOSED PORTIONS OF BUILDINGS CUSTOMARILY OCCUPIED BY HUMAN BEINGS

SHALL BE PROVIDED WITH A MECHANICALLY OPERATED VENTILATION SYSTEM. SUCH

OUTSIDE FROM THE POINT OF DISCHARGE SHALL BE AT LEAST 3 FEET FROM ANY OPENING WHICH ALLOWS AIR ENTRY INTO OCCUIED PORTIONS OF THE BUILDING. CBC SECTION 1202.2.1 (SECOND PARAGRAPH).

- 2. ALL HARDWARE SHALL COMPLY WITH EXITING AND DISABLED ACCESSIBILITY
- HARDWARE (SEE DOOR SCHEDULE): PANIC HARDWARE LEVER HARDWARE
- 4. LATCHING AND LOCKING DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL SHALL BE OPERABLE WITH A SINGLE EFFORT WHICH RETRACTS BOTH LOCKS WITH A SINGLE OPERATION BY LEVER TYPE HARDWARE, BY PANIC BARS,

- a. AREAS EXITING THROUGH DOORS EQUIPPED WITH POWER LOCKS
- SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED
- RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND
- 8. STORMWATER POLLUTION PREVENTION DEVICES AND/OR PRACTICES SHALL BE MODIFIED AS NEEDED AS THE PROJECT PROGRESSES TO ENSURE EFFECTIVENESS. LIGHT AND VENTILATION
- 2. LIGHT AND VENTILATION PER CBC SECTION 1203 & 1205, MINIMUM OF 15 CFM OF OUTSIDE AIR PER OCCUPANT IS REQUIRED FOR VENTILATION.
- 10 FEET PER SECOND, THE REGISTER SHALL BE PLACED MORE THAN 8 FEET ABOVE THE 4. TOILET ROOMS SHALL BE PROVIDED WITH A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 15 MINUTES. SUCH MECHANICALLY OPERATED EXHAUST SYSTEM SHALL BE CONNECTED DIRECTLY TO THE

DOOR NOTES

- ALL LATCHSETS AND LOCKSETS TO BE APPROVED LEVER TYPE.
- REQUIREMENTS (CBC SECTIONS 1003.3.1.8, 1133B.2.5, AND 1133B.2.5.1) 3. EXIT ACCESS DOORS ARE REQUIRED TO HAVE ONE OF THE FOLLOWING TYPES OF
- ONLY AUTOMATIC FLUSH BOLT IF DOOR HAS 2 LEAVES. LEAF CONTAINING FLUSH BOLT SHALL NOT HAVE HARDWARE UNLESS IT IS THE MAIN ENTRANCE DOOR AND REMAINS OPEN DURING BUSINESS HOURS.
- PUSH-PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE (1133B.2.5.1). THE BOTTOM 10" OF ALL-DOORS EXCEPT AUTOMATIC AND SLIDING SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED TO A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION. WHERE

- POWER LOCKS MAY BE INSTALLED ON DOORS TO CONTROL ENTRY BUT NOT TO HINDER EXIT FROM ANY PORTION OF A BUILDING. POWER LOCKS MAY BE INSTALLED ON EXIT DOORS, WHEN ALL THE FOLLOWING REQUIREMENTS ARE MET:
- SHALL BE EQUIPPED WITH SMOKE DETECTION AND OCCUPANT NOTIFICATION DEVICES CONNECTED TO A FIRE ALARM PANEL FIRE ALARM SYSTEM PANEL AND DEVICES TO BE STATE FIRE
- DEACTIVATE (OPEN) IN CASE OF ALARM. c. THE EGRESS CONTROL DEVICE SHALL AUTOMATICALLY DEACTIVATE (FAIL OPEN) UPON LOSS OF ELECTRICAL POWER TO THE EGRESS CONTROL DEVICE.

b. THE EGRESS CONTROL DEVICE SHALL AUTOMATICALLY

d. THE EGRESS CONTROL DEVICE SHALL BE CAPABLE OF BEING MECHANICALLY OPENED FROM THE INSIDE USING STANDARD DOOR LEVER HARDWARE OR DOOR MOUNTED PUSH BAR. UNLOCKING SHALL NOT REQUIRE MORE THAN ONE OPERATION e. TIME DELAY POWER LOCKS SHALL COMPLY WITH ALL APPLICABLE

REQUIREMENTS OF CBC SECTION 1003.3.1.10

11. FULL MORTISE HINGES -THREE MINIMUM. REQUIRED PER CBC.

- CBC SECTION 1008.1.9 REQUIREMENTS FOR A PAIR OF DOORS INSTALLED IN A ONE-HOUR CORRIDOR WALL (WHERE APPLICABLE): 8. A LABELED ASSEMBLY HAVING A FIRE-PROTECTION RATING OF NOT LESS THAN 20
- SELF-CLOSER OR AUTOMATIC-CLOSER ACTUATED BY A SMOKE DETECTOR. 10. AUTOMATIC FLUSH BOLTS. THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE-MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. LEAF CONTAINING FLUSH BOL' SHALL NOT HAVE HARDWARE. UNLESS IT IS THE MAIN ENTRANCE DOOR & REMAINS OPEN DURING BUSINESS HOURS.
- MINUS 1/16 INCH TOLERANCE- 1/8 INCH ALONG THE TOP, 1/8 INCH ALONG THE HINGE LATCH JAMBS. 1/8 INCH ALONG THE MEETING EDGE OF THE DOORS, AND 1/4 INCH AT THE BOTTOM OF THE DOORS. ALONG THE MEETING EDGES OF THE DOORS. A COORDINATING DEVICE IS ALSO REQUIRED

TIGHT—FITTING CLEARANCES AND PROVIDED WITH A GASKET SO INSTALLED AS TO

PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS TH

TOP. CLEARANCES FOR A PAIR OF SWINGING DOORS SHALL BE AS FOLLOWS: WITH A

a. A LABLED ASSEMBLY HAVING A FIRE-PROTECTED RATING OF NOT LESS THAN 20 MIN. b. SELF CLOSER OR AUTOMATIC-CLOSER ACTUATED BY A SMOKE DETECTOR. c. AUTOMATIC FLUSH BOLTS, THE DOOR LEAF HAVING THE AUTOMATIC FLUSH BOLTS SHALL HAVE NO DOOR KNOB OR SURFACE—MOUNTED HARDWARE. THE UNLATCHING OF ANY LEAF SHALL NOT REQUIRE MORE THAN ONE OPERATION. FULL MORTISE HINGES- THREE MIN.

d. TIGHT FITTINGS CLEARANCES AND PROVIDED WITH A GASKET SO INSTALLED AS TO

PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE

D INSURE PROPER CLOSING. PAIR OF DOORS INSTALLED IN A ONE HOUR CORRIDOR

- d. CLEARANCES FOR A PAIR OF SWINGING DOORS SHALL BE AS FOLLOWS: WITH A MINUS 1/16" TOLARANCE - 1/8" ALONG THE TOP, 1/8" ALONG THE HINGE AND LATCH JAMBS. 1/8" ALONG THE MEETING EDGE OF THE DOORS, AND 1/4" AT THE BOTTOM OF THE e. AN OVERLAPPING ASTRAGAL EXTENDING THE FULL HEIGHT OF THE DOORS IS REQUIRED ALONG THE MEETING EDGES OF THE DOORS. A COORDINATING DEVICE IS ALSO REQUIRED
- 14 IT IS THE PROJECT DESIGNER'S / PROPERTY OWNER'S RESPONSIBILITY TO SHOW COMPLIANCE ON THE DRAWINGS WITH ALL CAPLICABLE FEDERAL AND STATE ACCESSIBILITY STANDARDS.

. SMOKE SEALS, IN ACCORDANCE WITH CBC ARE REQUIRED FOR DOORS FORMING PART OF

18. ALL LATCHSET AND LOCKSETS TO BE APPROVED LEVER TYPE. NARROW FRAME DOORS ARE USED, A 10" HIGH SMOOTH PANEL SHELL BE INSTALLED 19. CONTRACTOR TO VERIFY BUILDING STANDARD KEYWAY. ON THE PUSH SIDE OF THE DOOR (1133B.2.6, FIG 11B-29). SEE DETAIL 19/D2.

THE ONE-HOUR EXIT CORRIDOR ENVELOPE.

15. COMPLIANCE WITH LIMITATION OF VIEWPORT SIZE PER CBC.

16. FIRE-RATING OF DOOR ASSEMBLY COMPLYING WITH CBC SECTION 713.

20. ALL EXITS TO BE OPENABLE FROM INSIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. PROVIDE SELF-RELEASING LOCKING

be permitted.

- 21. EXIT DOORS TO HAVE LEVER HARDWARE, WHICH RETRACTS BOTH LOCKS WITH A SINGLE OPERATION. 22. DEAD BOLTS ARE NOT PERMITTED ON EXIT DOORS. 23. ALL NEW AND EXISTING DOORS ARE 3-0" WIDE MINIMUM.
- A SIGN THAT READS "THIS DOOR REMAIN UNLOCKED DURING BUSINESS HOUR" WITH A MINIUM ONE INCH LETTERS SHALL BE PROVIDED ADJACENT TO "EXIT" SIGNS SHALL BE IN BLOCK LETTERS, A MINIUM OF SIX INCHES HIGH

24. IF EXIT ACCESS DOOR HAS TWO LEAFS, ONLY AUTOMATIC FLUSH BOLT WILL

27. WITH A STROKE OF NOT LESS THAN \$ INCH. LUMINANCE ON FACE OF SIGN

SHALL BE 50 LUX. 28. "EXIT" SIGNS SHALL BE ELECTRICALLY ILLUMINATED AND ENERGIZED FROM SEPARATE CIRCUITES SHALL BE PART OF THE EMERGENCY LIGHTING SYSTEM.

29. CONSTRUCTION WITH DOOR OPENINGS PROTECTED WITH 20 MINUTE

SELF-CLOSING AND LATCHING ASSEMBLIES WITH SMOKE SEALS.

30. SUITE ENTRY DOORS FOR CITIES SUCH AS THE CITY OF IRVINE REQUIRED SCHLAGE L9453 OR EQUAL WITH NON-REMOVABLE HINGE PINS. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 POUNDS (38N) FOR EXTERIOR AND INTERIOR DOORS, SUCH PULL OR PUSH EFFORT BEING APPLIED AT RIGHT ANGLE S TO HINGED DOORS AND AT THE CENTER PLANE OF SIDING OR FOLDING DOORS. COMPENSATING DEVICES OR AUTOMATIC WHEN FIRE DOORS ARE REQUIRED. THE MAXIMUM EFFORT TO OPERATE DOOR MAY INCREASED TO THE MINIMUM ALLOWABLE BY THE APPROPRIAT ADMINISTRATIVE AUTHORITY, NOT EXCEED 15 POUNDS (66.72 N) THIS MA'

BE INCREASED TO 15 POUNDS FOR FIRE—RATED DOORS. ALL NEW AND

BOTH A LATCH AND A CLOSER.

AREA ADJACENT TO THE DOOR.

EXISTING DOORS SHOULD NOT BE LESS THAN 3' IN WIDTH, AND 6'-8" IN

HEIGHT. EXIT DOORS SHOULD HAVE A CLEAR OPENING, WIDTH SHOULD NOT

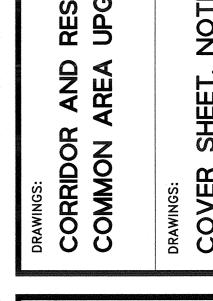
- BE LESS THAN 32". WHERE A PAIR OF DOORS UTILIZED, AT LEAST ONE OF DOORS SHOULD HAVE A CLEAR OPENING OF 32" W/ LEAF POSITIONED AT AN ANGLE OF 90° FROM ITS CLOSED POSITION. OPPOSITE SIDE TO WHICH THE DOOR SWINGS IF THE DOOR IS EQUIPPED WITH
- 32. REGARDLESS OF THE OCCUPANT LOAD, THERE SHALL BE A FLOOR OR LANDING ON EACH SIDE OF A DOOR, THE FLOOR OR LANDING SHALL NOT B CHANCE IN LEVEL BETWEEN 12-INCH AND 16-INCH SHALL BE REVELED WITH A SLOPE NO GREATER THAN 1.2. CHANGE IN LEVEL GREATER THAN 16-INCH SECTIONS AND PLAN VIEWS SHOWING COMPLIANCE AT ALL DOORWAYS REQUIRING ACCESSIBILITY.
- SHALL BE OPERABLE WITH A SINGLE FEFORT BY LEVER-TYPE HARDWARE. F PANIC BARS, PUSH-PULL ACTIVATING BARS OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE. LOCKED EXIT DOORS SHALL OPERATE AS ABOVE IN 34. THE WIDTH OF THE LEVEL AREA ON THE SIDE TO WHICH THE DOOR SWINGS SHALL EXTEND 24" PAST THE STRIKE EDGE OF THE DOOR FOR EXTERIOR

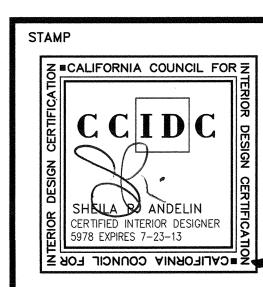
DOORS AND 18" PAST THE STRIKE EDGE FOR THE INTERIOR DOORS. DOORS

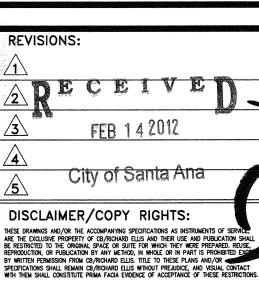
RECESSED 8" OR MORE REQUIRE THIS CLEARANCE WITHIN THE RECESSED

THERE SHALL BE A LEVEL AND CLEAR FLOOR OR LANDING ON EACH SIDI OF A DOOR. THE LEVEL AREA SHALL HAVE A LENGTH IN THE DIRECTION OF DOOR SWING OF AT LEAST 60" AND THE LENGTH OPPOSITE THE DIRECTION OF DOOR SWING OF 48" AS MEASURED AT RIGHT ANGLES TO THE PLANE OF THE DOOR IN THE CLOSED POSITION.

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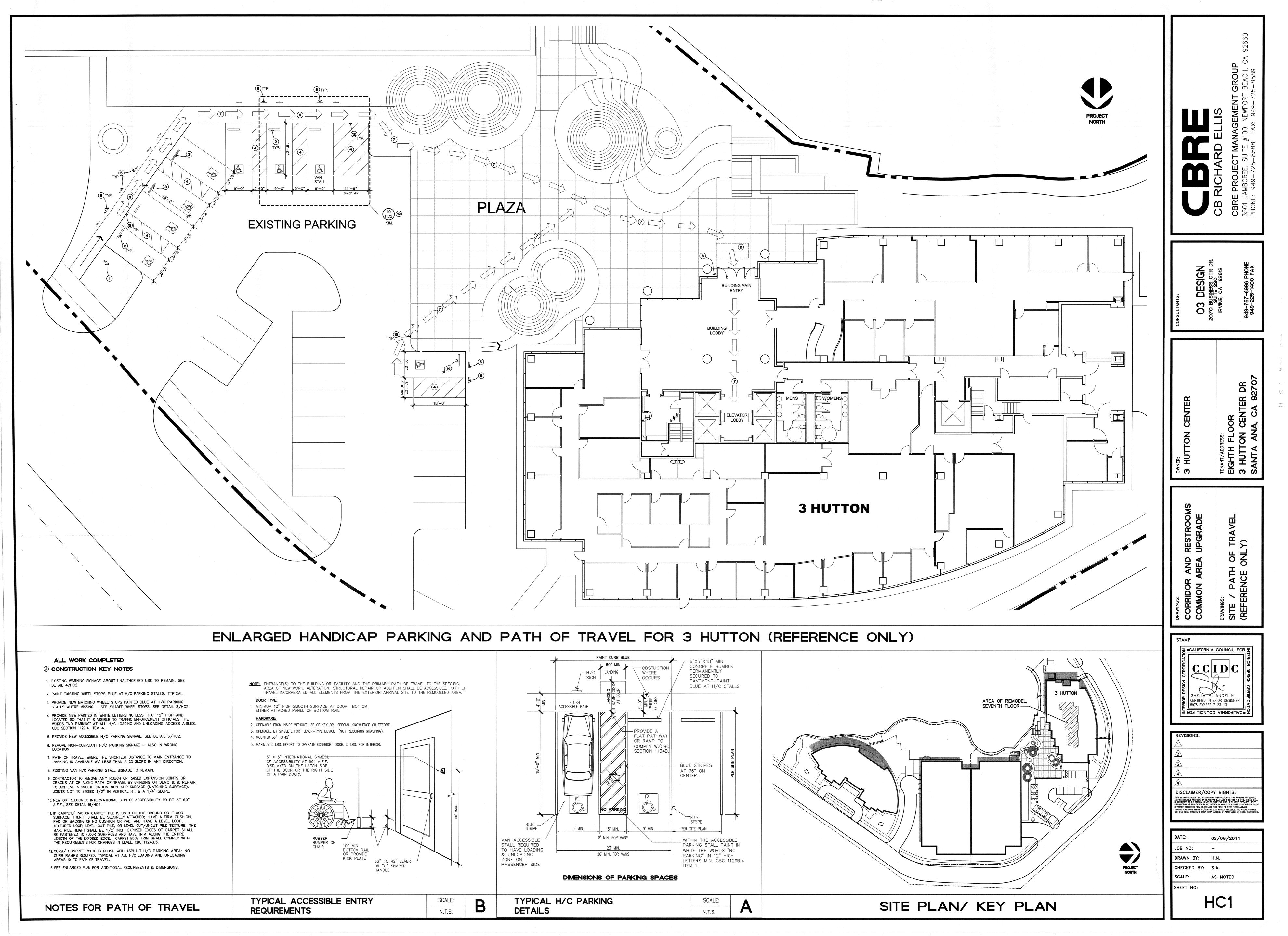


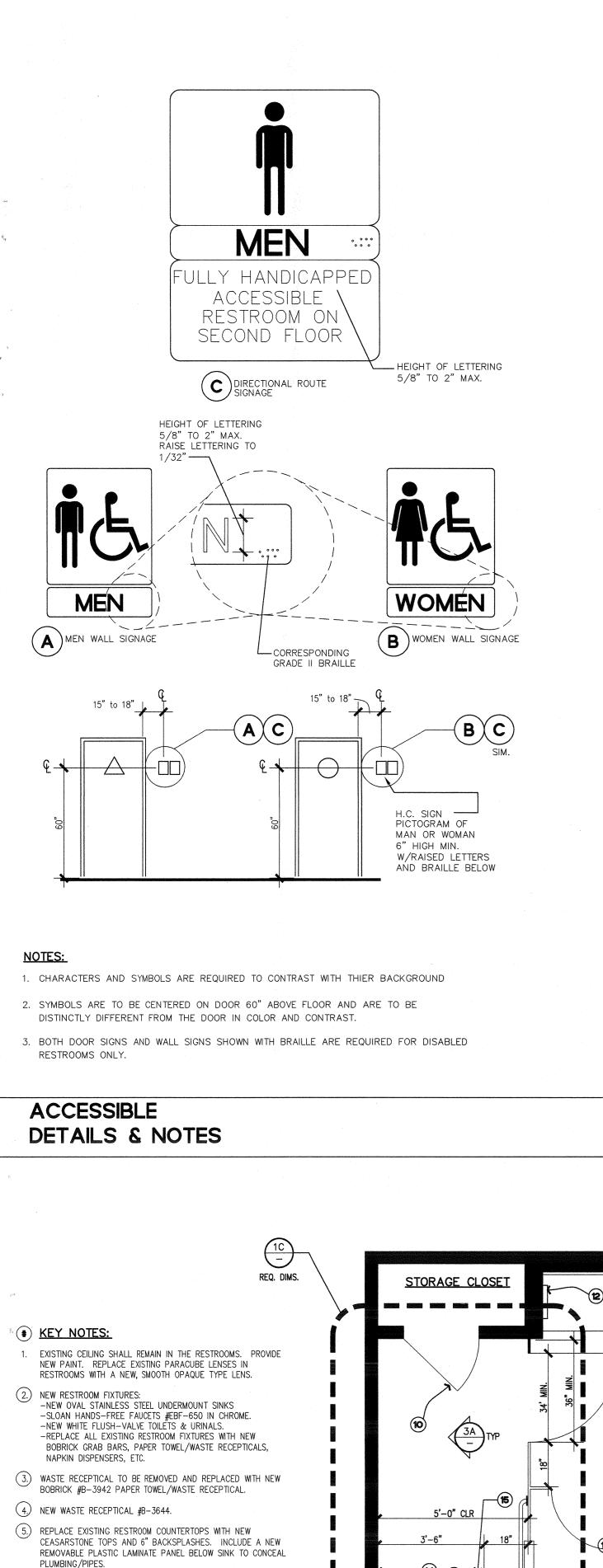


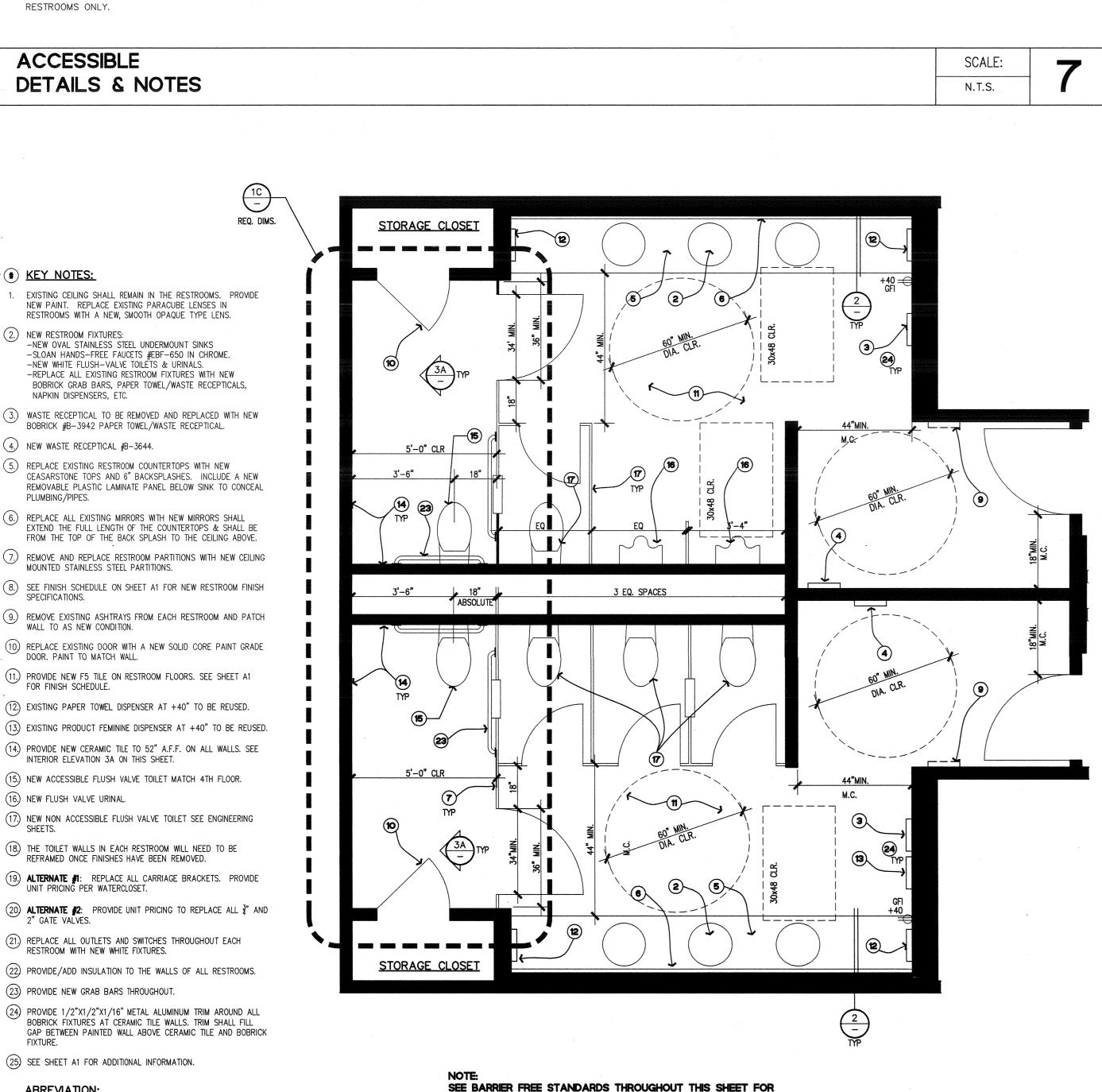
02/06/2011 AS NOTED

33. HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE CENTERED BETWEEN DOORS THAT ARE HAND ACTIVATED AND WHICH ARE IN A PATH OF TRAVEL

> DRAWN BY: H.N. CHECKED BY: S.A.







ACCESSORY MOUNTING HEIGHT AND OTHER CODE REQUIREMENTS.

LETTERS AND NUMBERS:

4. SANS SERIF CHARACTERS.

MINIMUM HEIGHT.

CONTRASTING COLORS.

CHARACTERS PERMITTED.

PART OF THE BUILDING DIRECTORY.

FEDERAL STANDARD # 595A.

CENTER IN EACH CELL.

16. 0.2 INCH SPACE BETWEEN CELLS.

SIGN LOCATIONS:

STANDARD SIGN.

ARE REQUIRED.

SIGNS / PICTOGRAMS

1. WIDTH TO HEIGHT RATIO BETWEEN 3 : 5 AND 1 : 1.

2. STROKE WIDTH TO HEIGHT BETWEEN 1 : 5 AND 1 : 10.

3. CONTRAST CHARACTERS AND SYMBOLS WITH BACKGROUND.

PICTOGRAM. THE BORDER DIMENSION SHALL BE 6"

OR STANDING WITHIN THE DOOR SWING AREA.

6. CHARACTERS AND BACKGROUNDS SHALL BE OF NON-GLARE

PICTOGRAMS / PICTORIAL SYMBOL SIGNS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE

SIGNS / PICTOGRAMS SHALL BE INSTALLED ON THE WALL ADJACENT

TO DOOR LEADING TO THE ROOM OR SPACE THEY DESCRIBE AND AT

60" A.F.F. TO SIGN CENTERLINE AND WHERE A PERSON MAY APPROACH

WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS

VERTICAL CLEARANCE AT SUSPENDED SIGNS WITH MINIMUM HEADROOM

USING UPPERCASE "X". CHARACTERS AND NUMBERS SHALL BE SIZED

ACCORDING TO VIEWING DISTANCE FROM WHICH READ. LOWER CASE

OF 80" REQUIRE MINIMUM 3" CHARACTER HEIGHT MEASURED BY

9. ALL ACCESSIBLE ENTRANCES IDENTIFIED WITH MINIMUM OF ONE

INTERNATIONAL SYMBOL OF ACCESSIBILITY:

13. WHITE FIGURE ON BLUE BACKGROUND, COLOR # 15090 ON

14. WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL

15. USE CONTRASTED GRADE 2 BRAILLE. DOTS TO BE 0.1 INCH ON

17. DOTS RAISED MINIMUM 0.025 INCH ABOVE BACKGROUND.

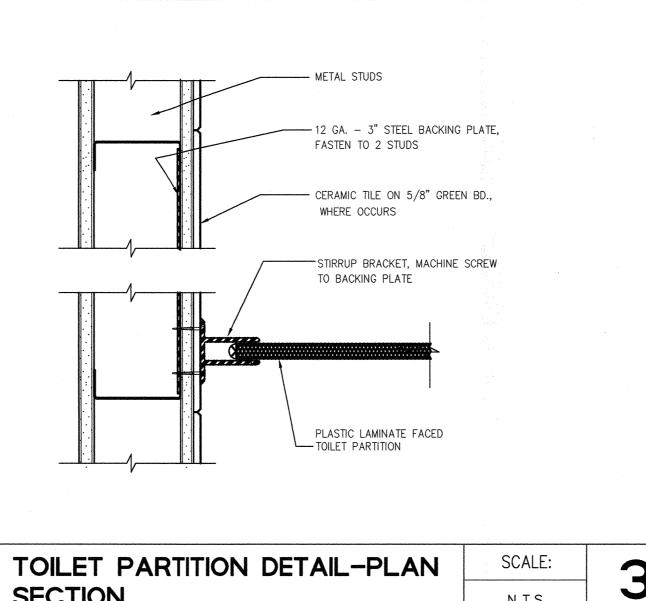
12. STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.

DESIGNS AND COLORS MAY BE APPROVED.

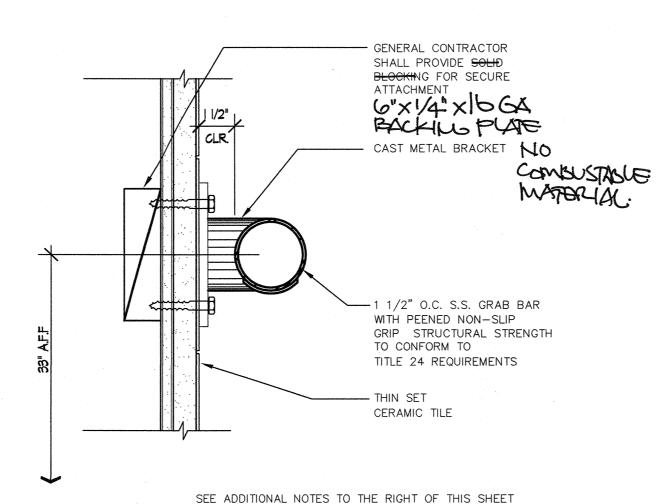
10. ADDITIONAL DIRECTIONAL SIGNS ALONG ACCESSIBLE PATH OF TRAVEL

BUILDINGS REMODELED TO PROVIDE ACCESSIBLE SANITARY FACILITIES

FOR PUBLIC USE SHALL HAVE INFORMATION POSTED IN THE LOBBY AS





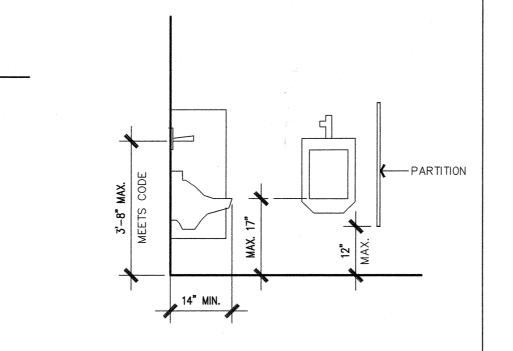




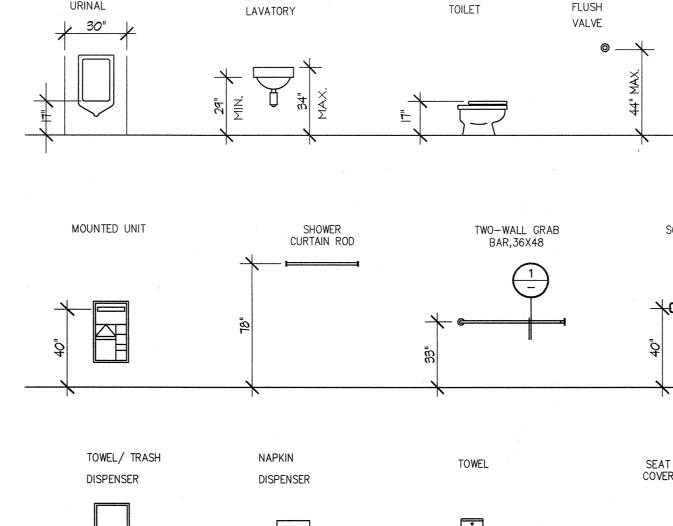
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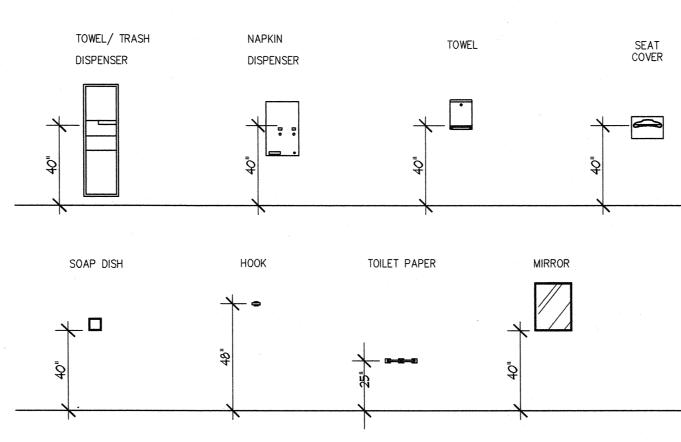
30"x48"

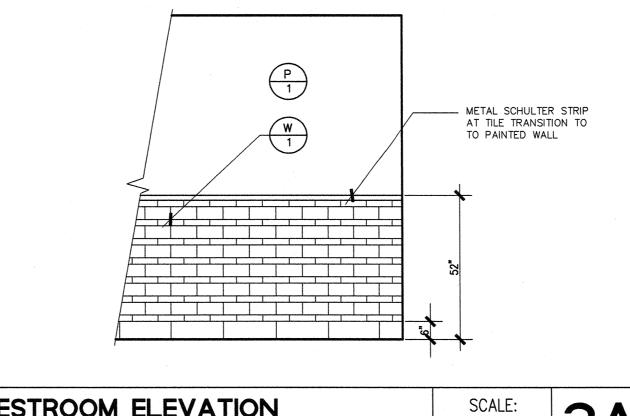
CLEAR SPACE





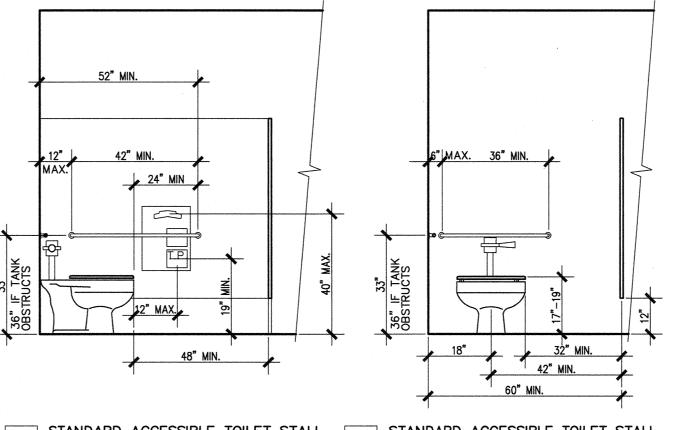






60" MIN. MAX. 36" MIN.

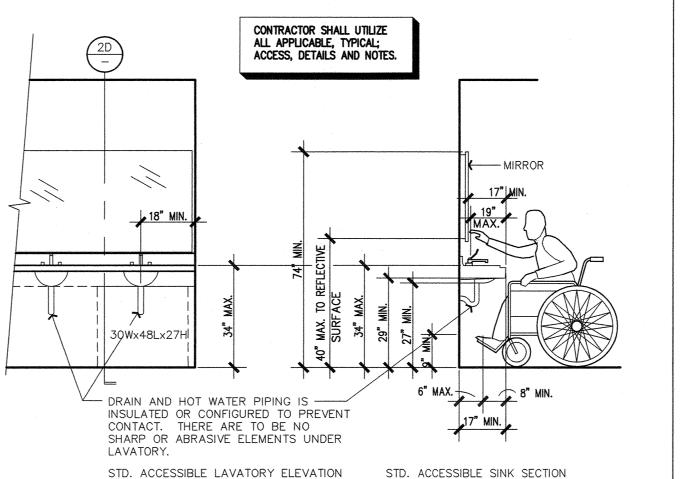
C MULTIPLE ACCOMMODATIONS TOILETS



(SIDE ELEVATION) (FRONT ELEVATION) GRAB BARS: GRAB BARS TO BE 1 1/4-1 1/2" WITH 1 1/2" CLEARANCE BETWEEN THE

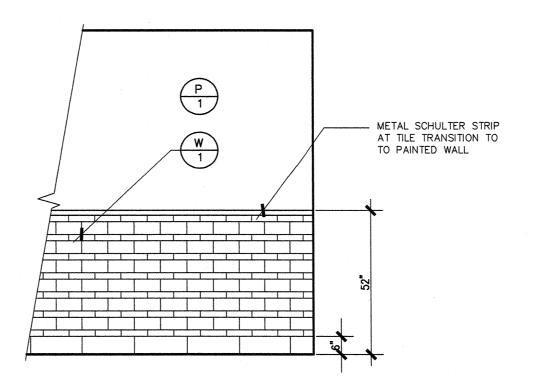
GRAB BAR AND WALL. BARS ARE SMOOTH WITH A MIN. RADIUS OF 1/8". MIN. STRUCTURAL STRENGTH OF GRAB BARS TO BE 250LBS POINT LOAD. GRAB BARS DO NOT ROTATE WITHIN THEIR FITTINGS.

SCALE: **ACCESSIBLE RESTROOM** PLANS & ELEVATIONS N.T.S. CONTRACTOR SHALL UTILIZE



D SINK SECTION RESTROOM PLAN - MIRROR - SEE SPECS. --- PROVIDE GYP BOARD FILLER BEHIND MIRROR CORIAN SURFACE PER FINISH PLAN Insulation as per CBC 1115B.4.3 — 3/4" PLYWOOD W/PLASTIC LAMINATE ON EXPOSED FACE AND EDGES ATTACHED TO STEEL TUBE FRAME W/REMOVABLE AND ADJUSTABLE CHAIN 1 1/2" X 1 1/2" STEEL ANGLE STIFFENER, CONT TOP AND BOTTOM STANDARD ACCESSIBLE

SINK SECTION TYPICAL ACCESSIBLE SCALE: RESTROOM DETAILS N.T.S.



RESTROOM ELEVATION

ACCESSIBILITY NOTES:

 SANITARY FACILITIES THAT SERVE BUILDINGS, FACILITIES OR PORTIONS OF BUILDINGS OR FACILITIES THAT ARE REQUIRED TO BE ACCESSIBLE TO PERSONS WITH DISABILITIES ARE REQUIRED TO BE ACCESSIBLE.

WHERE SEPARATE FACILITIES ARE PROVIDED FOR NON-DISABLED PERSONS OF EACH SEX, SEPARATE FACILITIES SHALL BE PROVIDED FOR PERSONS WITH DISABILITIES OF EACH SEX

ALSO. WHERE UNISEX FACILITIES ARE PROVIDED FOR NON-HANDICAPPED/NON-DISABLED PERSONS, SUCH UNISEX FACILITIES CAN BE PROVIDED FOR PERSONS WITH DISABILITIES.

3. EMPLOYEES WORK STATIONS SHALL BE LOCATED ON ACCESSIBLE LEVELSAND SHALL BE SIZED AND ARRANGED TO PROVIDE ACCESS TO EMPLOYEES IN WHEELCHAIRS.

4. A CLEAR FLOOR SPACE AT LEAST 30" BY 48" THAT ALLOWS EITHER A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT ACCESSIBLE STORAGE

RESTROOM FINISH NOTE

FINISHES: PROVIDE A 48" HIGH CERAMIC TILE WAINSCOT THROUGHOUT (SEE FINISH PLAN) RESTROOMS OVER MOISTURE RESISTANT DRYWALL OR GREEN BD. TO A MIN. HT. OF48" WITH 6" MIN. WATERPROOF COVED BASE. WALLS AND CEILING ABOVE WAINSCOT TO BE A CLEANABLE SURFACE SUCH AS A GLOSS OR SEMI-GLOSS WASHABLE PAINT FINISH. REFER TO FINISH PLAN FOR

SANITARY FACILITIES NOTES

* ALL RESTROOM FIXTURES AND ACCESSORIES SHALL COMPLY WITH ADA CODES.

* ON DOORWAYS LEADING TO MEN'S SANITARY FACILITIES, AN EQUILATERAL TRIANGLE 1/4" THICK WITH EDGES 12" LONG AND A VERTEX POINTING UPWARD SHALL BE PROVIDED AND ON DOORWAYS LEADING TO WOMEN'S SANITARY FACILITIES A CIRCLE 1/4" THICK AND 12" IN DIAMETER SHALL BE PROVIDED. THESE GEOMETRIC SYMBOLS SHALL BE CENTERED ON THE DOOR AT A HEIGHT OF 60" TO CENTER AND THEIR COLOR AND CONTRAST SHALL BE DISTINCTLY DIFFERENT FROM THE COLOR AND CONTRAST OF THE DOOR.

* TOILET FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS, NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. WATER CLOSETS: SEAT HEIGHT IS TO BE MINIMUM 17" ABOVE FINISHED FLOOR HEIGHT, BUT NO GREATER THAN 19".

* LAVATORY: PROVIDE AT LEAST ONE LAVATORY COMPLYING WITH THE FOLLOWING CRITERIA: MINIMUM 29"CLEAR FROM THE FLOOR TO THE BOTTOM OF THE APRON AND KNEE CLEARANCE UNDER. THE FRONT LIP 27" TALL AND 30" WIDE AND WITH 8" MINIMUM DEPTH AT THE TOP. TOE CLEARANCE AT THE BOTTOM AND MEASURED FROM THE FRONT OF THE LAVATORY 9" HIGH, 30" WIDE AND 17" DEEP. THE HEIGHT OF THE LAVATORY SHALL BE 34" ALL HANDICAPPED WATER CLOSET COMPARTMENT DOORS SHALL BE SELF CLOSING. ALL MANUALLY OPERATED SWITCHES AND CONTROLS SHALL BE LOCATED BETWEEN 36" AND 48"

* CONVENIENCE OUTLETS SHALL BE LOCATED A MINIMUM OF 15" FROM THE FLOOR. WHERE URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14" FROM THE WALL AND AT

* FLUSH CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5LBS PER FOOT.

* FAUCET CONTROLS AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5LBS. LEVER OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE. DESIGNS. SELF-CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN AT LEAST 10

* CONTROLS FOR WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS. SEC 5-1502.

* ALL TOILET TISSUE DISPENSERS SHALL BE INSTALLED 12" OF THE FRONT EDGE OF THE TOILET SEAT AND A MAXIMUM 19" ABOVE THE FLOOR SHALL BE PROVIDED. APPROVED MATERIAL WHICH EXTENDS UPWARD ONTO THE WALLS AT LEAST

* TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD, NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER. WALLS WITHIN WATER CLOSET COMPARTMENTS AND WALL WITHIN 24" OF THE FRONT AND SIDES OF URINALS SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 48" AND, EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE A TYPE WHICH IS NOT ADVERSELY AFFECTED BY

* WHEN STANDARD COMPARTMENT DOORS ARE USED, WITH A MINIMUM 9" CLEARANCE FOR FOOTRESTS UNDERNEATH AND A SELF-CLOSING DEVICE CLEARANCE AT THE STRIKE EDGE, AS SPECIFIED IN SECTION 3304(1.1)2C, IS NOT REQUIRED.

THE INSIDE AND OUTSIDE OF THE COMPARTMENT DOOR SHALL BE EQUIPPED WITH A LOOP OR U-SHAPED HANDLE IMMEDIATELY BELOW THE HATCH THE LATCH SHALL BE FLIP-OVER STYLE, SLIDING, OR OTHER HARDWARE NOT REQUIRING THE USER TO GRASP OR TWIST.

* TOILET ROOMS SHALL BE PROVIDED WITH VERTICAL DUCT NOT LESS THAN 100 SQUARE INCHES IN AREA FOR THE FIRST WATER CLOSET PLUS 50 ADDITIONAL SQUARE INCHES FOR EACH ADDITIONAL WATER CLOSET, OR A MECHANICALLY OPERATED EXHAUST SYSTEM CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 15 MINUTES. SUCH MECHANICALLY OPERATED EXHAUST SYSTEMS SHALL BE CONNECTED DIRECTLY TO THE OUTSIDE, AND THE POINT OF DISCHARGE SHALL BE AT LEAST 3 FEET FROM ANY OPENING WHICH ALLOWS AIR ENTRY INTO OCCUPIED PORTIONS OF THE BUILDING. CBC SECTION 1202.2.1. (SECOND PARAGRAPH).

* PLUMBING FACILITIES SHALL BE PROVIDED IN ACCORDANCE WITH TABLE 41 OF THE UNIFORM PLUMBING CODE.

* SANITATION FACILITY TOILET ROOM FLOORS SHALL HAVE A SMOOTH, HARD NON-ABSORBENT SURFACE SUCH AS PORTLAND CEMENT, CONCRETE, CERAMIC TILE OR OTHER APPROVED MATERIAL WHICH EXTENDS UPWARD ONTO THE WALLS AT LEAST 6 INCHES. WALLS WITHIN 2 FEET OF THE FRONT AND SIDES OF URINALS AND WATER CLOSETS SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 4 FEET. REFER TO CBC SECTION 807 FOR ADDITIONAL REQUIREMENTS.

* PER SECTION 1202.2.1, THE MECHANICALLY OPERATED EXHAUST SYSTEM SHALL BE CAPABLE OF PROVIDING A COMPLETE CHANGE OF AIR EVERY 15 MINUTES, SHALL BE CONNECTED DIRECTLY TO THE OUTSIDE, AND THE POINTS OF DISCHARGE SHALL BE AT LEAST 3 FEET (914

mm) FROM ANY OPENING WHICH ALLOWS AIR ENTRY TO OCCUPIED PORTIONS OF THE BUILDING. * WHEN CORRIDOR WALLS ARE REQUIRED TO BE OF ONE-HOUR FIRE-RESISTIVE CONSTRUCTION BY SECTION 1005.7, EVERY INTERIOR DOOR OPENING SHALL BE PROTECTED BY A IGHT—FITTING SMOKE—AND—DRAFT—CONTROL ASSEMBLY HAVING A FIRE—PROTECTION RATING OF NOT LESS THAN 20 MINUTES WHEN TESTED IN ACCORDANCE WITH C.B.C. STANDARD NO. 7-2. SAID DOORS SHALL NOT HAVE LOUVERS. THE DOOR AND FRAME SHALL BEAR AN APPROVAL LABEL OR OTHER IDENTIFICATION SHOWING THE RATING THEREOF, THE SAME OF THE MANUFACTURER AND THE IDENTIFICATION SHOWING THE RATING THEREOF, THE SAME OF THE MANUFACTURER AND THE IDENTIFICATION OF THE SERVICE CONDUCTING THE INSPECTION OF MATERIALS AND WORKMANSHIP AT THE FACTORY DURING FABRICATION AND ASSEMBLY. DOORS SHALL BE MAINTAINED SELF-CLOSING OR SHALL BE AUTOMATIC CLOSING BY ACTUATION A SMOKE DETECTOR IN ACCORDANCE WITH SECTION 713.2. SMOKE-AND-DRAFT-CONTROL DOOR ASSEMBLIES SHALL BE PROVIDED WITH A GASKET SO INSTALLED AS TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP. CBC SECTION

* BATHROOM ACCESSORIES, SUCH AS GRAB BARS, TOWEL BARS, SOAP DISHES, ETC., ON OR WITHIN WALLS SHALL BE SEALED AGAINST MOISTURE. UBS SECTION 807.1.2. * FAUCET CONTROLS SHALL BE OPERABLE WITH ONE HAND AND SHALL NO REQUIRED TIGHT GRASPING, PINCHING, OR TWISTING OF THE THE WRIST. THE FORCE REQUIRED TO ACTIVATE THE CONTROLS SHALL NO EXCEED 5 POUNDS (22.2N). LEVER-OPERATED, PUSH TYPE AND ELECTRONICALLY CONTROLLED MECHANISM ARE ACCEPTABLE. SPECIFY ON PLANS. CPC SECTION

* MAXIMUM FLUSH VOLUMES AND FLOW RATES:

WATER CLOSETS: 1.6 GALLONS PER FLUSH (BLOWOUT TYPE EXEMPT) 1.0 GALLONS PER FLUSH SHOWERHEADS: 2.5 GALLONS PER MINUTE FAUCET: 2.2 GALLONS PER MINUTE (SINKSD AMD LAVS)

* FITTINGS MANUFACTURED ON OR AFTER MARCH 20, 1992, SHALL BE MARKED WITH THESE FLOW RATINGS AND CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION. (STATE OF

CALIFORNIA). **GRAB BARS**

* GRAB BARS AT THE SIDE SHALL BE AT LEAST 42" LONG WITH THE FRONT END POSITIONED 24" IN FRONT OF THE WATER CLOSET STOOL, AND GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG.

* THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4" TO 1-1/2" OR THE SHAPE SHALL PROVIDE AN EQUIVALENT GRIPPING SURFACE. * IF THE GRAB BARS ARE MOUNTED ADJACENT TO A WALL, THE

SPACE BETWEEN THE WALL AND THE GRAB BARS SHALL BE 1-1/2" * A GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. * EDGES SHALL HAVE A MINIMUM RADIUS OF 1/8"

* THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS. FASTENERS, AND MOUNTING DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS:

a. BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MAXIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE

b. SHEAR STRESS INDUCED IN A GRAB BAR OR SEAT BY THE APPLICATION OF A 250-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE SHEAR STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT, AND ITS MOUNTING BRACKET OR OTHER SUPPORT IS CONSIDERED TO BE FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESS SHALL NOT EXCEED

STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT.

THE ALLOWABLE SHEAR STRESS. c. SHEAR FORCE INDUCED IN FASTENER OR MOUNTING DEVICES FROM THE APPLICATION OF A 250-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE LATERAL LOAD OF EITHER THE FASTENER OR MOUNTING DEVICE OR THE SUPPORTING STRUCTURE,

WHICHEVER HAS THE SMALLER ALLOWABLE LOAD. d. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF A 250-LB. POINT LOAD, PLUS THE MAXIMUM MOMENT FROM THE APPLICATION OF A 250-LB. POINT LOAD, SHALL BE LESS

THAN THE ALLOWABLE WITHDRAWAL LOAD BETWEEN THE FASTENER

AND SUPPORTING STRUCTURE. e. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS.

STAMP Z ■ CALIFORNIA COUNCIL FOR 2 SHEILA P. ANDELIN CERTIFIED INTERIOR DESIGNER 5978 EXPIRES 7-23-13 XªCALIFORNIA COUNCIL FOR ₹

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02/06/2011 JOB NO: DRAWN BY: H.N. CHECKED BY: S.A. SCALE: AS NOTED

HC2

(25) SEE SHEET A1 FOR ADDITIONAL INFORMATION. ABREVIATION: M.C. MEETS CODE

SPECIFICATIONS.

WALL TO AS NEW CONDITION.

DOOR. PAINT TO MATCH WALL.

FOR FINISH SCHEDULE.

(16.) NEW FLUSH VALVE URINAL.

2" GATE VALVES.

UNIT PRICING PER WATERCLOSET.

ENLARGED RESTROOM PLAN 7TH FLOOR

SCALE: 3/8"=1'-0"

MOUNTING HEIGHTS

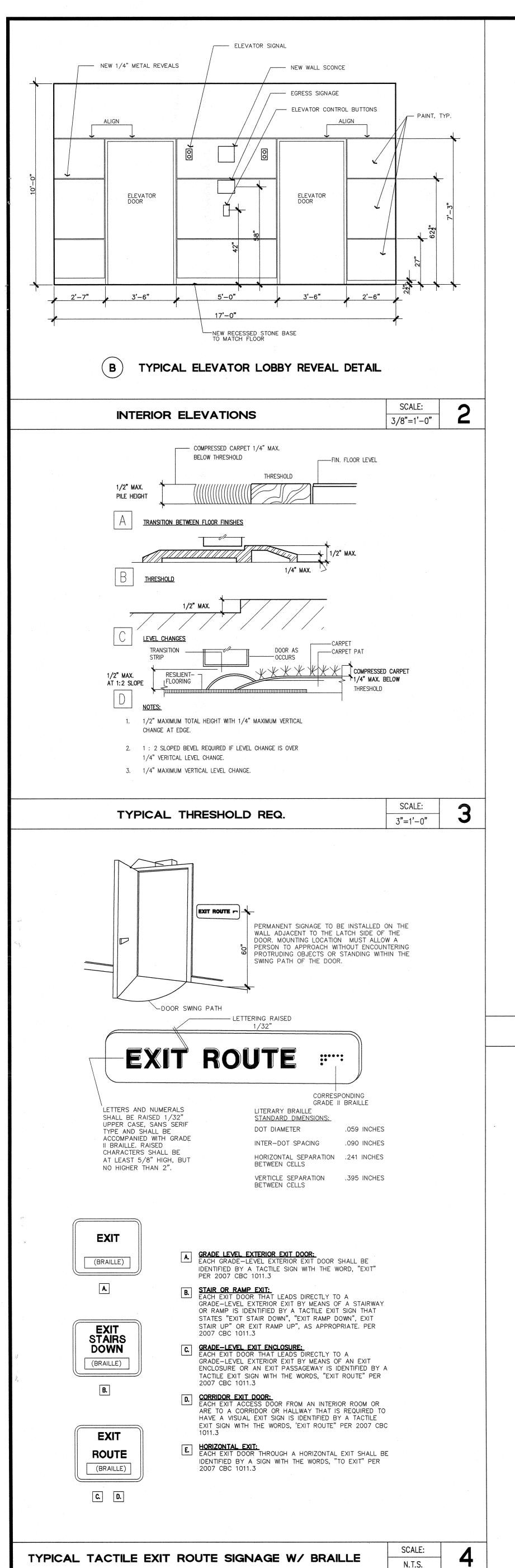
TOILET ACCESSORIES STANDARD

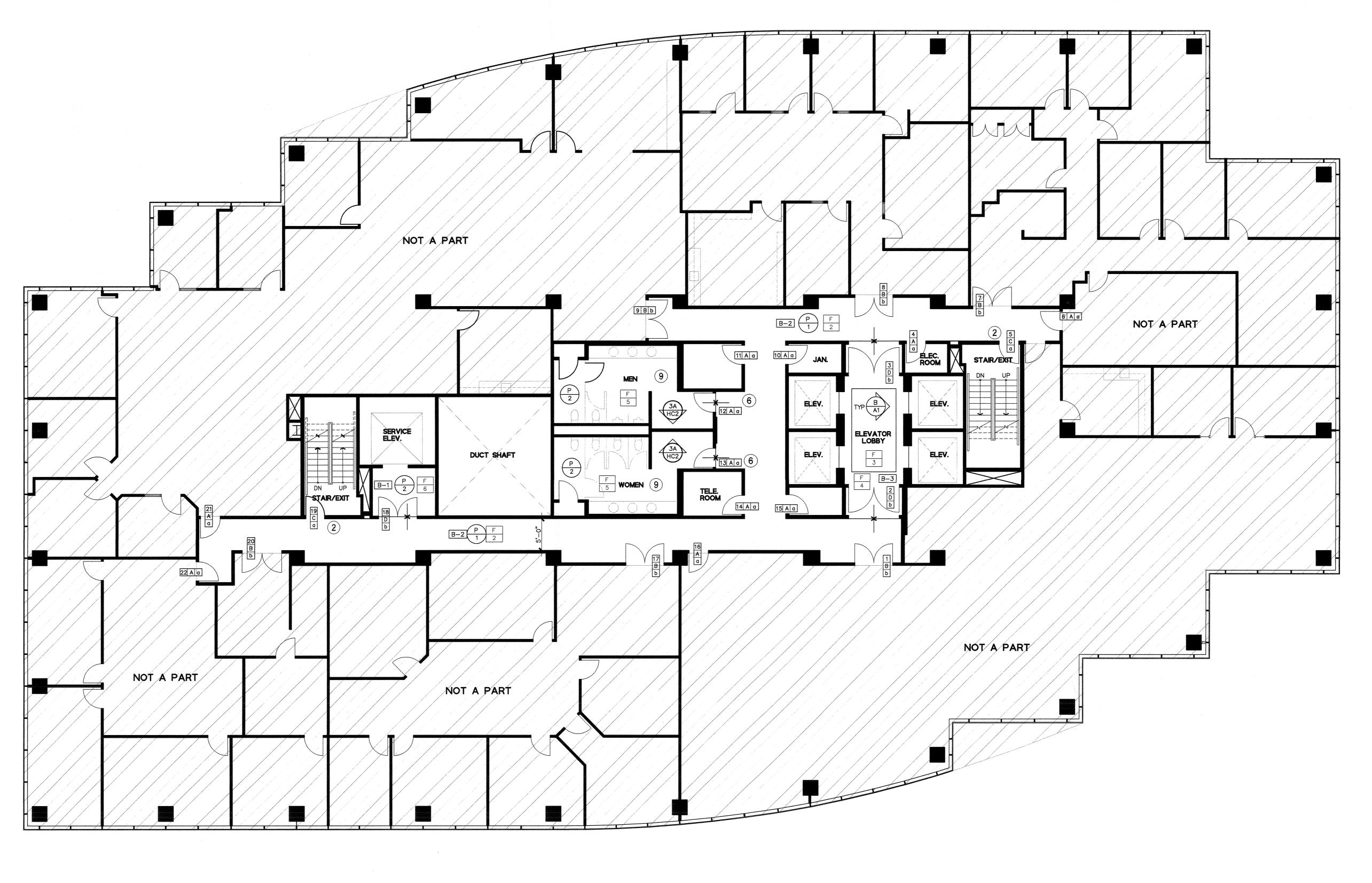
N.T.S.

6

3/8"=1'-0"

SHEET NO:





CONSTRUCTION / FINISH PLAN

CONSTRUCTION / FINISH NOTES

1. ALL INTERIOR WALLS & DOORS INDICATED ON THE PLAN ARE EXISTING UNLESS NOTED OTHERWISE, SEE

- (2.) EXISTING EXIT SIGN(S) AS REQUIRED AT STAIR EXIT DOORS. CONTRACTOR TO COORDINATE WITH ' BUILDING MANAGEMENT FOR ALL NEW SIGNAGE. SEE DETAIL #4, THIS SHEET.
- 3. PROVIDE FIRE EXTINGUISHERS THROUGHOUT AT MAX. 75' APART AS REQUIRED. 2A10BC TYPE FIRE EXTINGUISHER / 5 LB. BOTTLE / AMEREX 500, OR EQUAL.
- 4. CONTRACTOR SHALL PROVIDE ANY REQUIRED FIRE/LIFE SAFETY UPGRADES. ALL STROBE LIGHTS SHALL BE WHITE THROUGHOUT THE FLOOR. REPLACE AS REQUIRED.
- 5. PATCH ANY HOLES IN EXISTING DRYWALL TO AS NEW CONDITION.
- (6.) EXISTING RESTROOM SIGNAGE TO REMAIN, SEE DETAIL 7/HC2.

SHEET HC2.

- 7. PREP EXISTING CONCRETE SLAB AS REQUIRED TO A SMOOTH AND LEVEL SURFACE PRIOR TO
- INSTALLATION OF NEW FLOOR FINISH. 8. MAXIMUM FLAME SPREAD CLASSIFICATION TO COMPLY WITH CBC 2007 TABLE 8-A & 8-B
- FLAME-SPREAD INDEX = CLASS 3 (76-200) FOR ROOMS OR AREAS.

(9.) CONTRACTOR SHALL PROVIDE RESTROOM UPGRADES PER NOTES BELOW. SEE ENLARGED PLAN ON

- A. EXISTING CEILING SHALL REMAIN IN THE RESTROOMS. PROVIDE NEW PAINT. REPLACE EXISTING
- PARACUBE LENSES IN RESTROOMS AND AREA OUTSIDE RESTROOMS WITH NEW A NEW, SMOOTH B. NEW RESTROOM FIXTURES:
- NEW OVAL STAINLESS STEEL UNDERMOUNT SINKS (MATCH 4TH FLOOR RESTROOMS). NEW FLUSH-VALVE TOILETS & URINALS: SLOAN EBV-89-AM OPERATOR. - REUSE EXISTING BOBRICK FIXTURES. - REPLACE ALL EXISTING RESTROOM FIXTURES WITH NEW BOBRICK GRAB BARS, PAPER
- C. PROVIDE AN ADDITIONAL PAPER TOWEL/WASTE RECEPTICAL IN EACH RESTROOM.
- D. PROVIDE NEW CERAMIC TILE ON ALL WALLS. SEE ELEVATION ON 3A, SHEET HC2. REPLACE EXISTING RESTROOM COUNTERTOPS WITH NEW CEASARSTONE TOPS AND 6" BACKSPLASHES. INCLUDE A REMOVABLE PLASTIC LAMINATE PANEL BELOW SINK TO CONCEAL PLUMBING/PIPES.
- F. REPLACE ALL EXISTING MIRRORS WITH NEW.
- G. REPLACE RESTROOM PARTITIONS WITH NEW STAINLESS STEEL PARTITIONS.

TOWEL/WASTE RECEPTICALS, NAPKIN DISPENSERS, ETC.

- H. SEE FINISH SCHEDULE FOR NEW RESTROOM FINISH SPECIFICATIONS.
- I. REMOVE EXISTING ASHTRAYS FROM EACH RESTROOM AND PATCH WALL TO AS NEW CONDITION. J. PROVIDE NEW F1 TILE ON RESTROOM FLOORS.
- 10. CLEAN SPACE AND TOUCH-UP ALL EXISTING RESTROOM DOORS. TOUCH-UP ALL EXISTING FRAMES WITH BLACK PAINT. 11. ALL OUTLETS THROUGHOUT THE CORRIDOR SHALL BE WHITE. REPLACE AS REQUIRED.

- 12. PROVIDE F2 & F3 CARPET AS SHOWN IN COMMON AREA. DOUBLE STICK INSTALLATION SHALL BE AS FOLLOWS:
- PAD TO BE TREADMORE 2580, 1/4" 80 OZ. PAD. - INSTALL HENRY'S 630 - PAD TO CONCRETE. - INSTALL HENRY'S 251 - CARPET TO PAD.
- 13. PROVIDE NEW FINISHES AS SHOWN INSIDE FREIGHT ELEVATOR VESTIBULE.

- ALL SEAMS TO BE HOT MELT TAPED WITH ORCON K-80 SEAM TAPE.

- 14. CORRIDOR FINISHES SHALL EXTEND INTO ALL VESTIBULES. MATCH PREVIOUS CARPET LOCATION.
- 15. ALL EXISTING FIRE EXTINGUISHER DOORS SHALL RECEIVE A NEW PAINTED FINISH.
- 16. CLEAN AND TOUCH UP ALL EXISTING DOORS. TOUCH-UP ALL EXISTING FRAMES WITH BLACK
- 17. LOWER ALL FIRE ALARM PULL STATIONS, THERMOSTATS AND OTHER WALL MOUNTED CONTROL DEVICES TO AN ACCESSIBLE HEIGHT OF BETWEEN 36" AND 48" A.F.F.
- 18. PROVIDE NEW 1/4" METAL REVEALS IN ELEVATOR LOBBY. MATCH FIFTH FLOOR. SEE ELEVATION B ON THIS SHEET. 19. ANY EXISTING HOLD-OPEN DEVICES THAT OCCUR ON DOORS THAT ARE TO REMAIN SHALL
- 20. CONTRACTOR SHALL PROVIDE SUBMITTALS OF ALL NEW FINISHES TO 03 DESIGN FOR
- 21. ALL CARPET SCRAPS OF 5'-0" OR LARGER SHALL BE BUNDLED AND DELIVERED TO MANAGEMENT FOR FUTURE USE.

APPROVAL PRIOR TO ORDERING.

- 22. NEW FLOOR COVERING TRANSITIONS SHALL BE MADE A CENTERLINE OF DOOR IN CLOSED
- 23. EXIT ACCESS DOORS ARE REQUIRED TO HAVE ONE OF THE FOLLOWING TYPES OF HARDWARE (SEE DOOR SCHEDULE). - PANIC HARDWARE. - LEVER HARDWARE.
- AUTOMATIC FLUSH BOLT IF DOOR HAS 2 LEAVES. LEAF CONTAINING FLUSH BOLT SHALL NOT HAVE HARDWARE UNLESS IT IS THE MAIN ENTRANCE DOOR AND REMAINS OPEN DURING BUSINESS HOURS.
- 24. PROVIDE NEW STONE BORDER IN THE ELEVATOR LOBBY. 25. PROVIDE OPERABLE COORDINATORS, AUTO FLUSHBOLTS AND DUSTPROOF STRIKES AT THE
- 26. CLEAN, LIGHTLY SAND AND OIL THE RESTROOM AND SERVICE ELEVATOR LOBBY DOORS. INCLUDE 10"KICKPLATES ON EACH SIDE OF SERVICE ELEVATOR LOBBY DOORS.

FINISH SCHEDULE

F1 DELETED.

F2 CORRIDOR CARPET:

P1 PAINT

SHAW DETAIL #5A084-84756 RICE PAPER. F3 ELEVATOR LOBBY CARPET: MONTEREY BEST SELLER #56067-00191 BLOOMINGDALES.

DALTILE JURASTONE, GREY BLUE HONED. MATCH FIFTH FLOOR. F4 STONE BORDER:

CROSSVILLE 14"X 14" #VS77 PARISIAN WHITE

F5 RESTROOM FLOOR: UNPOLISHED PORCELAIN TILE WITH 6"X 14"COVE

F6 SERVICE ELEVATOR ALLSTATE BRASILIA RUBBER FLOORING (SHEET GOODS) COLOR LOBBY FLOOR:

#12. ALLSTATE PHONE NUMBER: BURKE 4"RUBBER BASE #508 TWEED.

B1 BASE: B2 BASE $2\frac{1}{2}$ " F2 CARPET BASE WITH A SEAMED EDGE.

B3 BASE ELEVATOR LOBBY BASE: NEW 4"RECESSED STONE BASE TO MATCH STONE FLOOR.

ELEVATOR LOBBY, CORRIDOR WALLS AND FIRE EXTINGUISHER CABINET DOORS: FRAZEE ENVIRONKOTE EGGSHELL FINISH TO MATCH SHERWIN WILLIAMS #6155 RICE GRAIN. P2 PAINT RESTROOM & SERVICE ELEVATOR LOBBY WALL

EGGSHELL FINISH TO MATCH SHERWIN WILLIAMS #6141 SOFTER TAN.

PAINT (ABOVE THE) FRAZEF ENVIRONKOTE

CEASAR STONE #2200 DESERT LIMESTONE.

P3 PAINT LOBBY CEILING AND SOFFIT / RESTROOM CEILING: FRAZEE ENVIRONKOTE EGGSHELL FINISH TO MATCH SHERWIN WILLIAMS #0050 CLASSIC LIGHT

2 1/8"X 8 1/2" FIELD TILE

W1 RESTROOM WALLS: DALTILE MATTE MATTE BISCUIT #K775. 4 ¼"X 8 ½"FIELD TILE

TILE TO EXTEND +52"A.F.F WITH P2 PAINT C1 RESTROOM COUNTERTOP

& 6"BACKSPLASH:

WALL LEGEND

EXISTING PARTITION TO REMAIN

1/8"=1'-0"

DOOR AND HARDWARE SCHEDULE

DOOR SCHEDULE

- A EXISTING 20 MINUTE RATED 3'-0" X 9'-0" SINGLE DOOR AND FRAME ASSEMBLY
- B EXISTING 20 MINUTE RATED 3'-0" X 9'-0" DOOR PAIR AND FRAME ASSEMBLY
- C EXISTING 60 MINUTE RATED 3'-0" X 9'-0" SINGLE DOOR AND FRAME ASSEMBLY
- D EXISTING 60 MINUTE RATED 4'-0" X 9'-0" DOOR PAIR AND FRAME ASSEMBLY TO REMAIN.

HARDWARE SCHEDULE

- EXISTING RATED HARDWARE ASSEMBLY TO REMAIN: LEVER LOCKSET, HINGES, WALLSTOP, CLOSER, SMOKESEAL, ETC.
- b EXISTING RATED HARDWARE ASSEMBLY TO REMAIN: LEVER LOCKSET, HINGES, WALLSTOP, CLOSER, SMOKESEAL, ASTRAGAL,

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Z = CALIFORNIA COUNCIL FOR Z

CCIDC

SHEILA P. ANDELIN

5978 EXPIRES 7-23-13

CERTIFIED INTERIOR DESIGNER

Z = CALIFORNIA COUNCIL FOR Z

DATE:	02/10/2011			
JOB NO:	_			
DRAWN BY:	H.N.			
CHECKED BY:	S.A.			
SCALE:	AS NOTED			
SHEET NO:				

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