

1. GRAB BARS SHALL BE LOCATED ON EACH SIDE, OR ON ONE SIDE AND THE BACK OF THE ACCESSIBLE TOILET STALL OR COMPARTMENT. SEC. 1115B.8.1 FIG. 11B-1A, 1B & 1C.

2. 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 WITH THE BACK END POSITIONED NO MORE THAN 12" FROM THE REAR WALL. GRAB BARS AT THE BACK SHALL BE NOT LESS THAN 36" LONG. SEC. 1115B.8.1 FIG. 11B-1A, 1B & 1C.

3. GRAB BARS SHALL BE SECURELY ATTACHED 33" ABOVE AND PARALLEL TO THE FLOOR EXCEPT THAT THERE WILL BE A TANK-TYPE TOILET IS USED WHICH OBSTRUCTS PLACEMENT AT 33", GRAB BAR MAY BE AS HIGH AS 36". SEC. 1115B.8.1

4. THE DIAMETER OR WIDTH OF THE GRIPPING SURFACES OF A GRAB BAR SHALL BE 1-1/4" TO 1-1/2". SEC. 1115B.8.2. FIG. 11B-1C.

5. THE STRUCTURAL STRENGTH OF GRAB BARS, TUB AND SHOWER SEATS, FASTENERS, AND MOUNTED DEVICES SHALL MEET THE FOLLOWING SPECIFICATIONS: SEC. 1115B.8.3.1 THRU 1115B.8.3.5

a. BENDING STRESS IN A GRAB BAR OR SEAT INDUCED BY THE MINIMUM BENDING MOMENT FROM THE APPLICATION OF A 250-LB. POINT LOAD SHALL BE LESS THAN THE ALLOWABLE STRESS FOR THE MATERIAL OF THE GRAB BAR OR SEAT. SEC. 1115B.8.3.1

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 FULLY RESTRAINED, THEN DIRECT AND TORSIONAL SHEAR STRESSES SHALL NOT EXCEED THE ALLOWABLE SHEAR STRESS. SEC. 1115B.8.3.2

c. SHEAR FORCE INDUCE INFASSTENER OR MOUNTING DEVICES FROM THE APPLICATION OF 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. SEC. 1115B.8.3.3

d. TENSILE FORCE INDUCED IN A FASTENER BY A DIRECT TENSION FORCE OF 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. SEC. 1115B.8.3.4

e. GRAB BARS SHALL NOT ROTATE WITHIN THEIR FITTINGS. SEC. 1115B.8.3.5

6. THE GRAB BAR AND ANY WALL OR OTHER SURFACE ADJACENT TO IT SHALL BE FREE OF ANY SHARP OR ABRASIVE ELEMENTS. EDGE SHALL HAVE A MINIMUM RADIUS OF 1/8". SEC. 1115B.8.4

7. THE HEIGHT OF ACCESSIBLE WATER CLOSETS SHALL BE A MINIMUM 17" AND MAXIMUM OF 19" MEASURED TO THE TOP OF A MAXIMUM 2" HIGH TOILET SEAT, EXCEPT THAT 3" SEATS SHALL BE PERMITTED ONLY IN ALTERATIONS WHERE THE EXISTING FIXTURE IS LESS THAN 15" HIGH. TABLE 115B-1.1502

8. THE CLEAR FLOOR SPACE 30"x48" SHALL BE PROVIDED IN FRONT OF A LAVATORY TO ALLOW A FORWARD APPROACH. SUCH CLEAR FLOOR SPACE SHALL ADJOIN OR OVERLAP AN ACCESSIBLE ROUTE AND SHALL EXTEND INTO KNEE AND TOE SPACE UNDERNEATH THE LAVATORY. SEC. 1115B.9.1

9. LAVATORIES ADJACENT TO A WALL SHALL BE MOUNTED WITH A MINIMUM DISTANCE OF 18" TO THE CENTER LINE OF THE FIXTURE. SEC. 1504.1.1

10. LAVATORIES SHALL BE MOUNTED WITH THE RIM OF COUNTER SURFACE NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR AND WITH A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE BOTTOM OF THE APRON WITH KNEE CLEARANCE UNDER THE FRONT LIP EXTENDING A MINIMUM OF 30" IN WIDTH AND 8" MINIMUM DEPTH AT THE TOP. TOE CLEARANCE SHALL BE THE SAME WIDTH AND SHALL BE A MINIMUM OF 9" HIGH FROM THE FLOOR AND A MINIMUM OF 17" DEEP FROM THE FRONT OF THE LAVATORY. SEC. 1504.1.1

11. HOT WATER AND DRAIN PIPES ACCESSIBLE UNDER LAVATORIES SHALL BE INSULATED OR OTHERWISE COVERED. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES. SEC. 1504

12. WHERE URINALS ARE PROVIDED, AT LEAST ONE SHALL HAVE A CLEAR FLOOR SPACE 30"x48" IN FRONT OF THE URINAL TO ALLOW FORWARD APPROACH. SEC. 1115B.9.4

13. WHERE ONE OR MORE URINALS ARE PROVIDED, AT LEAST ONE WITH A RIM PROJECTING A MINIMUM OF 14" FROM THE WALL AND AT A MAXIMUM OF 17". SEC. 1503.1.1

14. CONTROLS WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREAS. SEC. 1502.0

15. WATER CLOSET AND URINAL FLUSH VALVE CONTROL, AND FAUCET AND OPERATING CONTROLS, SHALL BE OPERABLE WITH ONE HAND, SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST, AND SHALL BE MOUNTED NO MORE THAN 44" ABOVE THE FLOOR. SEC.1502.0, 1503.1.2 AND 1504.1.3.

16. THE FORCED REQUIRED TO ACTIVATE WATER CLOSET AND URINAL FLUSH VALVE, CONTROLS, AND FAUCET AND OPERATING MECHANISM CONTROL, SHALL BE NO GREATER THAN 5 LB. SEC. 1502.0, 1503.1.2, AND 1504.1.3.

17. SELF-CLOSING FAUCET CONTROL VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. SEC. 1504.1.3.

18. MIRRORS SHALL BE MOUNTED WITH THE BOTTOM EDGE NO HIGHER THAN 40" FROM THE FLOOR. SEC. 1115B.9.1.2

19. WHERE TOWEL, SANITARY NAPKINS, WASTE RECEPTACLES AND OTHER SIMILAR DISPENSING AND DISPOSAL FIXTURES ARE PROVIDED, AT LEAST ONE OF EACH TYPE SHALL BE LOCATED WITH ALL OPERABLE PARTS, INCLUDING COIN SLOTS, WITHIN 40" FROM FINISH FLOOR. SEC. 1115B.9.2

20. TOILET TISSUE DISPENSERS SHALL BE LOCATED ON THE WALL WITHIN 12" OF THE FRONT EDGE OF THE TOILET SEAT AND NO LOWER THAN 19" FROM THE FLOOR DISPENSERS THAT CONTROL DELIVERY OR THAT DO NOT PERMIT CONTINUOUS PAPER FLOW SHALL NOT BE USED. SEC. 1115B.9.3. FIG. 11B-1A

21. 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 5" WALLS WITHIN WATER CLOSET COMPARTMENTS AND WALLS WITHIN 24" OF THE FRONT AND SIDES OF THE URINAL SHALL BE SIMILARLY FINISHED TO A HEIGHT OF 48" AND EXCEPT FOR STRUCTURAL ELEMENTS, THE MATERIALS USED IN SUCH WALLS SHALL BE A TYPE OF WHICH IS NOT ADVERSELY AFFECTED BY MOISTURE. SEC. 1115B.9.5

1. THE INTERNATIONAL SYMBOLS OF ACCESSIBILITY SHALL CONSIST OF WHITE FIGURE OF A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO 15090 IN FEDERAL STANDARD 595B SEC. 1117B.5.1.2

2. LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH TO HIGH RATIO OF BETWEEN 1:5 AND 1:10 AND A STROKE WIDTH TO HEIGHT RATIO OF BETWEEN 1:5 AND 1:10 SEC. 1117B.5.3.

3. CHARACTERS AND NUMBERS ON SIGNS SHALL BE SIZED ACCORDING TO THE VIEWING DISTANCE FROM WHICH THEY ARE TO BE READ. THE MINIMUM HEIGHT IS MEASURED USING UPPER CASE X. LOW CASE CHARACTER ARE PERMITTED. FOR SIGNS SUSPENDED OR PROJECTED ABOVE THE FINISH FLOOR IN COMPLIANCE WITH SECTION 112B, THE MINIMUM CHARACTER HEIGHT SHALL BE 3". SEC. 1117B.5.4.

4. CHARACTERS AND SYMBOLS SHALL CONTRARY WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND. SEC. 1117B.5.4.

5. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING: SEC. 1117B.5.6.1 THRU 1117B.5.6.3.

a. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE. SEC. 1117B.5.6.1.

b. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH. SEC. 1117B.5.6.2

c. PICTORIAL SYMBOLS SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" HEIGHT. SEC. 1117B.5.6.3.

NOTE: BACKING IS REQD. FOR INSTALLATION OF GRAB BARS FOR 250# STRENGTH

LIMIT PROJECTION OF SEMI-SURFACE MTD. ACCESSORY FROM ENCRACHING MORE THAN 3" FROM THE FACE OF THE WALL OR PARTITION AND NO CLOSER THAN 1 1/2" TO THE TANGENT POINT OF THE GRAB BAR

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1. CONTROLS AND OPERATING MECHANISMS REQUIRED TO BE ACCESSIBLE BY SECTION 3105A(F). SEC. 1117B.6.1

2. CLEAR FLOOR SPACE COMPLYING WITH SECTION 111B.4 THAT ALLOWS A FORWARD OR PARALLEL APPROACH BY A PERSON USING A WHEELCHAIR SHALL BE PROVIDED AT CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT. SEC. 1117B.6.2

3. THE HIGHEST OPERABLE PART OF ALL CONTROLS, DISPENSERS, RECEPTACLES AND OTHER OPERABLE EQUIPMENT SHALL BE PLACED WITHIN 48" OF THE FLOOR BUT NOT LOWER THAN 15" IF FORWARD APPROACHED AND WITHIN 54" BUT NOT LOWER THAN 9" IF SIDE APPROACHED. SEC. 1117B.6.3

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5. FAUCET CONTROLS AND OPERATING MECHANISMS FOR KITCHEN SINKS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT BE REQUIRED TO ACTIVATE FAUCET CONTROLS AND OPERATING MECHANISM FOR KITCHEN SINKS SHALL BE NO GREATER THAN 5 P.L.F. LEVER - OPERATED, PUSH-TYPE, AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. SELF - CLOSING VALVES ARE ALLOWED IF THE FAUCET REMAINS OPEN FOR AT LEAST 10 SECONDS. SEC. 1508.1 CA PLUMBING CODE.

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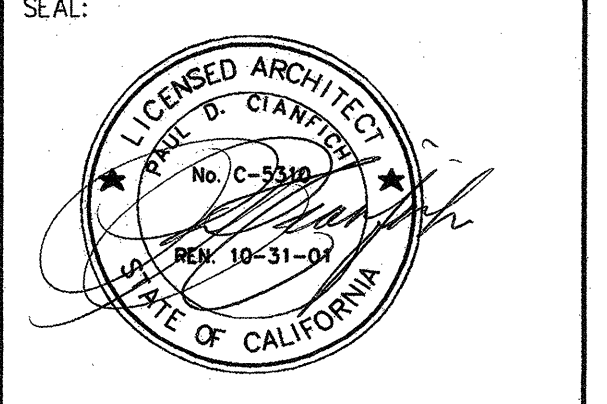
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REVISIONS:				
NO.	DATE	REASON	BY	



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4200 FARM HILL BLVD.
REDWOOD CITY, CA 94061

SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT

STAMP: IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT

APPL. NO. 103529
DATE: 01-25-2001
AC: WAH FLS: CLS BY: [Signature]
DATE: 01-25-2001
APPL. NUMBER: [Signature]
KEY PLAN: [Signature]

AS-BUILTS

SHEET TITLE:

TYPICAL A.D.A. ACCESSIBILITY NOTES AND DETAILS

DRAWN BY: CL PROJECT NO.: 304.99
CHECKED BY: BA DATE: 01-25-2001
APPL. NO.: [Signature] SHEET: [Signature]
DATA NO.: A4.2 NO.: OF: