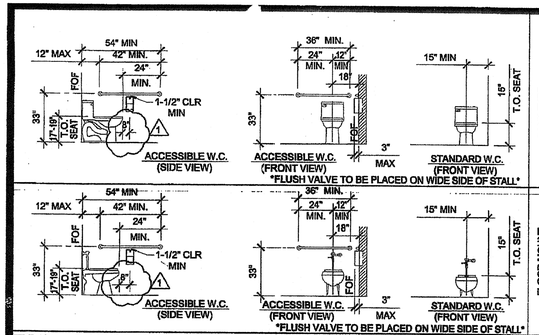
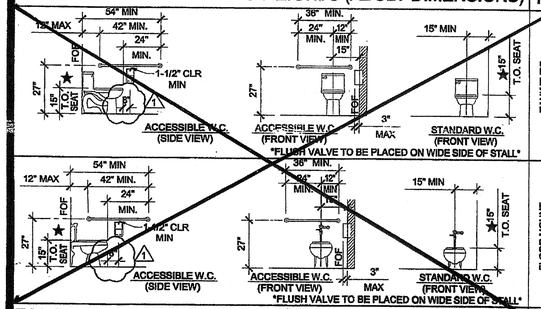
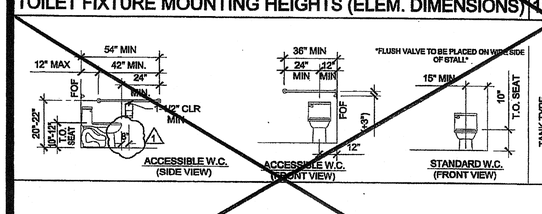


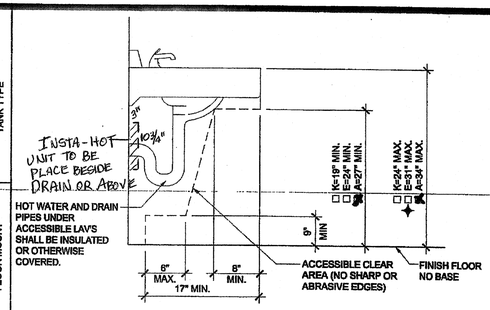
TOILET FIXTURE MOUNTING HEIGHTS (ADULT DIMENSIONS) 11



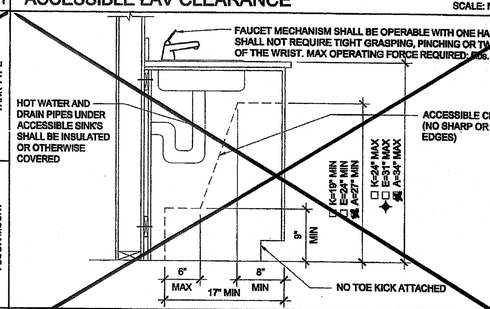
TOILET FIXTURE MOUNTING HEIGHTS (ELEM. DIMENSIONS) 12



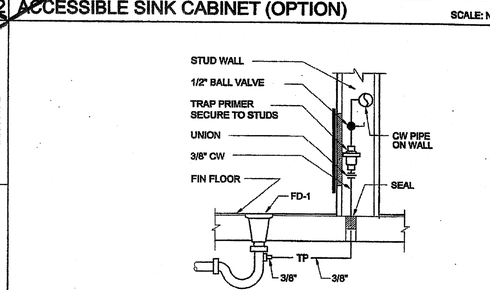
TOILET FIXTURE MOUNTING HEIGHTS (KINDER. DIMS) 13



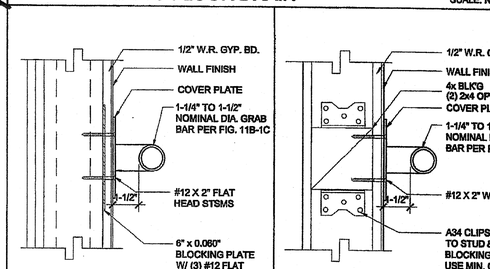
ACCESSIBLE LAV CLEARANCE SCALE: N.T.S. 6



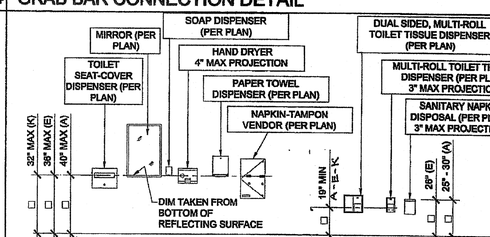
ACCESSIBLE SINK CABINET (OPTION) SCALE: N.T.S. 7



TRAP PRIMER TO FLOOR DRAIN SCALE: N.T.S. 8



GRAB BAR CONNECTION DETAIL 14



* MOUNTING HEIGHTS SHOWN ARE TYPICAL UNLESS NOTED OTHERWISE (A) = ADULT (E) = ELEMENTARY (K) = KINDERGARTEN

MAXIMUM 4" PROJECTION FOR ALL ACCESSORIES (UNO)

NOTE: ACCESSORIES SHOWN FOR REFERENCE ONLY - MODELS FURNISHED AND INSTALLED BY DISTRICT

TOILET ACCESSORIES MOUNTING HEIGHTS 15

THE DIVISION OF THE STATE ARCHITECT, OFFICE OF REGULATION SERVICES RECOMMENDS THE FOLLOWING DIMENSIONS AS ADEQUATELY SERVING THE NEEDS OF CHILDREN IN PROJECTS UNDER OUR JURISDICTION. THESE RECOMMENDATIONS ARE BASED ON THE FEDERAL "RECOMMENDATIONS FOR ACCESSIBILITY FOR CHILDREN IN ELEMENTARY SCHOOL" AND OTHER RECOGNIZED PUBLICATIONS ON ACCESS FOR CHILDREN.

A = ADULT DIMENSIONS (AGE 12 AND OVER)
E = ELEMENTARY DIMENSIONS
K = KINDERGARTEN AND PRE-SCHOOL DIMENSIONS

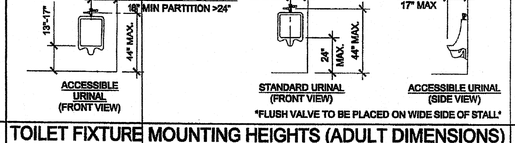
★ DIMENSIONS OF 14" MINIMUM TO 16" MAXIMUM FOR AN ACCESSIBLE TOILET SEAT HEIGHT CAN BE USED FOR ELEMENTARY SCHOOL FACILITIES, WHERE SUCH TOILETS ARE USED SOLELY BY CHILDREN AGE 12 AND UNDER

✦ DIMENSIONS OF 31" MAXIMUM TO THE RIM OR COUNTER SURFACE AT AN ACCESSIBLE LAVATORY, WHILE MAINTAINING A 24" MINIMUM FOR APRON AND KNEE CLEARANCE CAN BE USED FOR ACCESSIBLE LAVATORIES

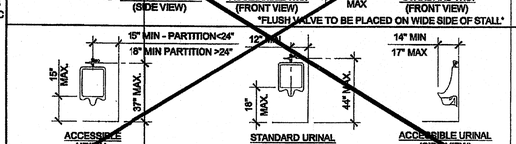
ACCESSIBILITY DIMENSIONS	RECOMMENDED ACCESSIBLE HEIGHT (DIMS) A (INCHES)	E (INCHES)	K (INCHES)
TOILET CENTERING FROM WALL	18	15	12
TOILET SEAT HEIGHT (DIM TO TOP OF SEAT)	17-19	★ 14"-16"	10-12
GRAB BAR HEIGHT (SIDE)	33	27	20-22
TOILET PAPER IN FRONT OF TOILET	12 MAX.	9 MAX.	6 MAX.
NAPKIN DISPOSAL IN FRONT OF TOILET	12 MAX.	12 MAX.	N/A
MIRROR HEIGHT (TO BOTTOM OF GLASS)	40 MAX.	36 MAX.	30 MAX.
DISPENSER HEIGHT	40 MAX.	38 MAX.	32 MAX.
LAVATORY/SINK TOP HEIGHT	34 MAX.	✦ 31 MAX.	29 MAX.
LAVATORY/SINK KNEE CLEARANCE	27 MIN.	24 MIN.	19 MIN.
URINAL LIP HEIGHT	17 MAX.	15 MAX.	13 MIN.
URINAL FLUSH HANDLE HEIGHT	44 MAX.	37 MAX.	32 MAX.
DRINKING FOUNTAIN BUBBLER HEIGHT	36 MAX.	32 MAX.	30 MAX.
DRINKING FOUNTAIN KNEE CLEARANCE	27 MIN.	24 MIN.	22 MIN.
RAMP/STAIR HANDRAIL HEIGHT	34-38	27	22

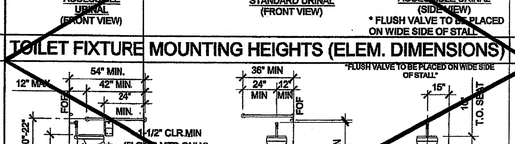
STANDARD DIMENSIONS	RECOMMENDED SUGGESTED HEIGHT (DIMS) A (INCHES)	E (INCHES)	K (INCHES)
TOILET CENTERING FROM WALL/PARTITION	15 MIN	15 MIN	15 MIN
TOILET SEAT HEIGHT/DIM TO TOP OF SEAT	15	15	10
TOILET CLEARANCE/FRONT	24	24	24
URINAL LIP HEIGHT	24	18	18

TOILET FIXTURE MOUNTING HEIGHTS (KINDER. DIMS) 5

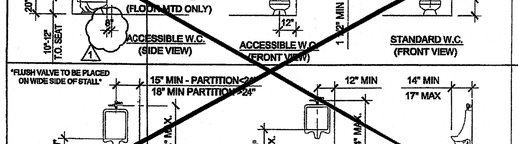


TOILET FIXTURE MOUNTING HEIGHTS (ADULT DIMENSIONS) 3





TOILET FIXTURE MOUNTING HEIGHTS (ELEM. DIMENSIONS) 4



★ THE DSA HAS ALLOWED 1 1/2" MIN. CLR. TO ACCOMMODATE FLUSH VALVE AND TOILET TANKS AT "K" DIMENSIONS AS LONG AS THE SIDE GRAB BAR IS MOUNTED AT THE HEIGHT PRESCRIBED IN TABLE 11B-1.
[A] = ADULT [E] = ELEMENTARY [K] = KINDERGARTEN

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	COLD WATER	HOT WATER	WASTE	VENT	FIXTURE DESCRIPTION (AS CALLED OUT OR APPROVED EQUAL)
WC 1	[A, E] WATER CLOSET WALL MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD ADA PF1731 WALL ALT: AMERICAN STD ADA 2856.128 1.28 GPF, VITREOUS CHINA ELONGATED RIM, FLUSH VALVE TYPE, SIPHON JET; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE; JAY R SMITH #210-LY OR RY NO-HUB ADJUSTABLE FIXTURE SUPPORT CARRIER
WC 2	[A, E] WATER CLOSET WALL MTD/ FLUSH (NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD ADA PF1731 WALL ALT: AMERICAN STD ADA 2856.128 1.28 GPF, VITREOUS CHINA ELONGATED RIM, FLUSH VALVE TYPE, SIPHON JET; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE; JAY R SMITH #210-LY OR RY NO-HUB ADJUSTABLE FIXTURE SUPPORT CARRIER
WC 3	[A] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO ADA PF1723 ALT: AMERICAN STD ADA 3043.001 "MADERA" 1.28 GPF, 16 3/4" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 10" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 4	[E] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1721 ALT: AMERICAN STANDARD 2257.001 MADERA 1.28 GPF, 15" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 5	[A, E] WATER CLOSET FLOOR MTD/FLUSH (NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO STANDARD PF1721 ALT: AMERICAN STANDARD 2257.001 MADERA 1.28 GPF, 15" HIGH, VITREOUS CHINA ELONGATED RIM, SIPHON JET, 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSHOMETER VALVE
WC 6	[K] WATER CLOSET FLOOR MTD/FLUSH (ACCESSIBLE & NON-ACCESSIBLE)	1"	-	3"	2"	STD: PROFLO PF1700BB ALT: AMERICAN STANDARD BABY DEVORO 2282.010 VITREOUS CHINA ELONGATED RIM, 10" ROUGH-IN LOW CONSUMPTION CLOSET BOWL; OLSONITE 126CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT; SLOAN ROYAL #111-1.28 LOW CONSUMPTION FLUSH VALVE
WC 7	[A] WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"	-	3"	2"	STD: PROFLO ADA PF3403 ALT: AMERICAN STANDARD ADA 2758.128 1.28 GPF, 17 HIGH, VITREOUS CHINA ELONGATED RIM, TANK TYPE; 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT
WC 8	[E] WATER CLOSET TANK TYPE (ACCESSIBLE)	1/2"	-	3"	2"	STD: PROFLO STANDARD PF3404 ALT: AMERICAN STANDARD 2832.128, 16" HIGH, VITREOUS CHINA ELONGATED RIM, TANK TYPE, 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT
WC 9	[A,E] WATER CLOSET TANK TYPE (NON-ACCESSIBLE)	1/2"	-	3"	2"	STD: PROFLO STANDARD PF3404 ALT: AMERICAN STANDARD 2832.128, 16" HIGH, VITREOUS CHINA ELONGATED RIM, TANK TYPE, 12" ROUGH-IN; OLSONITE 10CC SOLID OPEN WHITE ELONGATED PLASTIC SEAT
LAV 1	LAVATORY (ACCESSIBLE)	1/2"	-	2"	1 1/2"	STD: AMERICAN STANDARD 0356.115 LUCERNE WALL-HUNG LAVATORY CONCELED ARMS SUPPORT EXTRA LEFT-HAND HOLE, FOR SOAP DISPENSER
LAV 2	LAVATORY (ACCESSIBLE)	1/2"	-	2"	1 1/2"	STD: AMERICAN STANDARD 0356137 LUCERNE WALL-HUNG LAVATORY CONDEALED ARMS SUPPORT EXTRA RIGHT-HAND HOLE, FOR SOAP DISPENSER
UR 1	URINAL (ACCESSIBLE)	3/4"	-	2"	1 1/2"	STD: PROFLO PF 1805 ALT: AMERICAN STANDARD 6550.005 1.0 GPF, VITREOUS CHINA, WALL HUNG, SIPHON JET URINAL WITH INTEGRAL TRAP; SLOAN REGAL 186-0.5 LOW CONSUMPTION FLUSHOMETER VALVE
UR 2	URINAL (NON-ACCESSIBLE)	3/4"	-	2"	1 1/2"	STD: PROFLO PF 1805 ALT: AMERICAN STANDARD 6550.005 1.0 GPF, WASHOUT VITREOUS CHINA, WALL HUNG URINAL WITH INTEGRAL TRAP; SLOAN REGAL 186-0.5 LOW CONSUMPTION FLUSHOMETER VALVE
FD 1	FLOOR DRAIN	-	-	2"	1 1/2"	JAY R SMITH #2005YA-02-P050-NB. FLOOR DRAIN TAPPED FOR PRIMER. 5" NICKEL BRONZE STRAINER
TP 1	TRAP PRIMER	1/2"	-	-	-	PR-500 WITH 8"X12" LOCKABLE BOX, 1/2" BALL SHUT-OFF VALVE, AND PPP DU-U FRESH WATER DISTRIBUTION SYSTEM
WHA 1	WATER HAMMER ARRESTOR	1"	-	-	-	PPP SC-1000
GB 1	GRAB BAR	-	-	-	-	McKINNEY 9704-1-1/2 OC STAINLESS STEEL GRAB BAR - SATIN FINISH; 36" LONG ON BACK AND 42" ON SIDE
MR 1	MIRROR	-	-	-	-	SERIES 830 RETURNED MIRRORS STAINLESS STEEL - 18GA 18"X24" - 1" SHEET METAL MANUFACTURED OR APPROVED EQUAL
PAR 1	TOILET PARTITION	-	-	-	-	METAL POWDER COATED
SS 1	SERVICE SINK	1/2"	1/2"	3"	1 1/2"	KOHLER K-6714 "DAVINCI" 22"X18" CAST IRON, STAIN RESISTANT SINK; K-8905-RP "KNOXFORD" FAUCET; K-8672 2" P-TRAP
MS 1	MOP SINK	1/2"	1/2"	3"	1 1/2"	KOHLER K-6710 "WHITBY" 25"X25" CAST IRON W/ CHICAGO FAUCET 956-R, 853 WALL HOOK, AND 2" K-8142 STRAINER
CS 1	CLASSROOM SINK (OPTION)	1/2"	1/2"	3"	1 1/2"	JUST CRA-1725-A-GR 17"x25"x4 1/2" BOWL DEPTH, WITH CHICAGO FAUCET #350 AND BUBBLER JSB-10
WH 1	WATER HEATER (OPTION)	3/4"	3/4"	-	-	☐ A.O. SMITH #DEL-6 (6 GALLON) ☐ A.O. SMITH #DEL-10 (10 GALLON) (SEE SHEET A-4.3c)
WH 2	INSTANT WATER HEATER (OPTION)	1/2"	1/2"	-	-	EEMAX #SP3012, 120V, 3.0KW, 25A
DF 1	DRINKING FOUNTAIN	1/2"	-	1 1/4"	1 1/4"	HALSEY-TAYLOR / BARREL MACOFSBL-Q / COOLING TYPE

THESE DRAWINGS AND ALL MATERIAL CONTAINED HEREIN ARE THE PROPERTY OF SILVERCREEK INDUSTRIES, INC (SCI Inc) AND SHALL NOT BE REPRODUCED, COPIED OR OTHERWISE DISPOSED OF DIRECTLY OR INDIRECTLY AND SHALL NOT BE USED IN WHOLE OR IN PART TO ASSIST IN THE MAKING OF OR FOR THE PURPOSE OF FURNISHING ANY INFORMATION FOR THE MAKING OF DRAWINGS, PRINTS, APPARATUS OR PARTS THEREOF WITHOUT THE FULL KNOWLEDGE AND WRITTEN CONSENT OF SCI Inc.
ALL PATENTABLE MATERIAL CONTAINED HEREIN AND ORIGINATING WITH SCI Inc SHALL BE THE PROPERTY OF SCI Inc

SILVER CREEK INDUSTRIES, INC.
"BUILDING FOR THE NEXT GENERATION"
SILVER CREEK
195 EAST MORGAN PERRIS, CALIFORNIA 92571
PHONE: 951-943-5393 FAX: 951-943-2211

PROJECT NAME:

Class Leasing

SHEET TITLE:

PLUMBING DETAILS AND SCHEDULE

TAVARES ASSOCIATES
MECHANICAL ENGINEERING CONSULTANTS
9818 CANDELA COUNTY RD SUITE 207
SAN DIEGO, CA 92131 858.549.3344
3344 SANTA FE RD., SUITE A
RIVERSIDE, CA 92507 909.682.8855
WWW.TAVARESENG.COM

REGISTERED PROFESSIONAL ENGINEER BARRY D. PRICE 33380 EXP. 3-31-2014 MECHANICAL
SEP 19 2012

ARCHITECT OF RECORD SUBMISSION DATE

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
APP03 115891
AC FLS SS
DATE 7/14/14

REGISTERED ARCHITECT ROBERT A. McCLELLAND C10322 2-28-15 STATE OF CALIFORNIA

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
04 113309
AC FLS SS
DATE DEC 19 2013

ORIGINAL PC STATE AGENCY APPROVAL

PRE-CHECK (PC) DOCUMENT A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
PC 04-112137
AC FLS SS
DATE JAN 08 2014

REVISED

REVISIONS

1	PC REVISION 12/13/2012
2	
3	
4	
5	
6	
7	
8	

SILVER CREEK INDUSTRIES
12' x 40' PC

PROJECT NO:

DRAWN BY: ZARAGOZA

SCALE: AS NOTED

DATE: 12-12-12

P.C. SHEET NUMBER

P-2.01