



BSI Consultants, Inc.

ACCESSIBILITY EVALUATION REPORT
FOR
CITY OF MISSION VIEJO

DECEMBER, 1992

TABLE OF CONTENTS

ACCESSIBILITY EVALUATION REPORT

SECTION I	Summary
SECTION II	Site Review of City Hall
SECTION III	Site Review of Primary Streets
SECTION IV	Site Review of 28 Parks
SECTION V	Site Review of Four Recreation Centers
SECTION VI	Site Review of Oso Viejo Community Center
APPENDIX	

SECTION I

SUMMARY

THE CITY OF MISSION VIEJO

This "Accessibility Evaluation Report" attempts to identify the existing architectural barriers at the various facilities, furnish suggestions to remove those barriers that are readily achievable and/or suggest a method of providing equivalent facilitation. If a barrier is not being removed, documentation should be provided justifying the barrier is an undue hardship to remove. *These situations will be identified as UH or "It's an undue hardship to remove this accessibility barrier at this time. The barrier will be removed as required by a future tenant improvement or to meet the needs of an employee with a disability".*

After the site evaluation, a meeting will be scheduled to discuss our suggestions to either remove a barrier or provide equivalent facilitation. Justifiable documentation must be provided if a barrier is not being removed. The agreed upon solutions to either remove or provide equivalent facilitation will be approved and agreed to by the City of Mission Viejo.

This "Accessibility Evaluation Report" is based on the "Guidelines" established by the Department of Justice's Title III of The American's With Disabilities Act, Public Law 101-336, effective January 26, 1992 (included in the Appendix). It is recognized that laws, codes, and guidelines are subject to interpretations or changes and this report has been prepared in accordance with the generally accepted standards of reasonable care and skill within the profession.

BSI Consultants, Inc. in conjunction with Disabled Access Consultants has put forth its best effort and concern for accuracy to ensure this report is in compliance with the applicable federal, state and local codes, laws, ordinances and regulations in effect at the time of this report's preparation. It is further acknowledged that this report has not been reviewed by any of the agencies having jurisdiction over the Americans With Disabilities Act or the California State Title 24 Disabled Access Regulations and may be subject to a differing interpretation. We do have verbal agreement from the Department of Justice and the California Office of State Architect that the contents in this report comply with State and Federal Guidelines or Standards.

This "Report" represents our best efforts to identify the existing barriers based to the ADA and the T-24 guidelines/regulations, within this facility. The full extent of any future alterations and/or additions will be determined by the local Department of Building and Safety or the Department of Justice.

This report is not legal advice. We are not a legal firm and are not qualified to dispense legal opinions.

RESOURCE LIST

For additional information contact one of the following Agencies;

DOJ: Copies of the regulations or technical assistance. (11 AM to 5 PM), Mon-Fri Eastern Standard Time) (202) 514-0301, TDD (202) 514-0381

Electronic Bulletin Board (202) 514-6193 ATBCB: for technical assistance. Both Numbers Are Voice or TDD (800) 872-2253 or (202) 653-7848

FCC: (Communications) (202) 632-7260, TDD (202) 632-6999

EEOC: (Employment) (800) 669-4000 (202) 663-4900, TDD (800) 800-3302

FHAA: (Fair Housing Information) (202) 708-2618

DOT: (Transportation) (202) 366-9305, TDD (202) 755-7687

DREDF: Disabled Advocacy Group, Technical Assistance, (800) 466-4232

DBTAC: Disabled Advocacy Group, Technical Assistance, (800) 949-4232

Federal Register: (202) 783-3238

Disabled Access Consultants: (714) 496-7591

Office of State Architect: (916) 323-2292

For a copy of Proposed Changes to the Title 24 Accessibility Standards: (916) 445-7523

International Conference of Building Officials: For a copy of Title 24 Codes (Commercial & Housing): (800) 423-6587 Office of State Fire Marshall: (916) 427-4166

Department of State Housing & Community Development: For a copy of Regulations for Apartments /Condo's or Interpretations, (916) 445-9471

California State Department of Rehabilitation: (916) 322-3078 ABLE DATA: (Adaptive Equipment Information) (800) 346-2742

Job Accommodation Network (JAN): (800) 232-9675 (800) 526-7234

ADA-CAP: American Foundation For the Blind, Voice & TDD (202) 223-0101
National Center for Law & Deafness, voice & TDD (202) 651-5343

GENERAL NOTES:

1. UH = It is considered an unreasonable hardship to remove this accessibility barrier.
2. ADAAG = Americans With Disabilities Act Accessibility Guidelines.
3. ADA = Americans With Disabilities Act.
4. NRA = Not readily achievable, it will be corrected as required by a future tenant improvement or to accommodate the needs of an employee with a disability.
5. TR = Tenant's responsibility.
6. OD = Owner's decision.
7. TR or OD = This may be the owner's or the tenant's decision depending upon the language of the contractual agreement between the owner and the tenant.
8. AFF = above finished floor.
9. S/B = Should be.
10. The majority of the electrical receptacles are 12" AFF, S/B between 15" and 48". These are NRA.
11. You must install complying tow away signage at each entry to the parking lot or adjacent to the accessible parking spaces if you tow away illegally parked vehicles in the accessible parking spaces. T-24 Section 7102(f)
12. The number of accessible parking spaces has been increased by ADAAG Guidelines. You must provide the correct number at this time unless it prevents an unreasonable hardship.
13. Provide a minimum of one van parking space and an additional one van space per eight accessible parking spaces.
14. None of the curb cuts/ramps have a truncated surface. California is proposing a 12" wide scored surface around the curb ramp and chevron grooves in the middle of the

ramp when the curb ramp is placed in the center of an intersection. We suggest waiting a couple of months until the California Code is adopted to determine which method will be required in California.

15. Most existing curb cuts/ramps do not comply. They exceed the maximum 8.33% slope for the path of travel, the 12.5% slope for side flares, is not 48" wide and/or the lip at the bottom of the ramp exceeds 1/2" and/or it is not beveled 1:2. The Federal Guidelines for existing conditions allow the slopes up to 10% or a 12.5% slope if the ramp does not exceed 36" in length.

The California State Access Codes and Title 24 Accessibility Standards do not have the same allowances. The State has enforced the 8.33% maximum slope for path of travel June 1970 and 12.5% for side flares since July 1, 1982. In our opinion, the California Courts will apply the 8.33% maximum slope standard when there is litigation, especially when an individual was injured using a curb cut or ramp.

The Federal Guidelines recommend a 10% minimum slope for side flares and California allows a 12.5% slope. This may change when California receives certification of the current proposed changes to Title 24. The proposed Title 24 still allows a 12.5% minimum slope. This certification process should be completed by January 1, 1994. In the meantime, the Federal Guidelines for existing conditions permit side flares to be painted a contrasting color from the walking surface when they exceed a 10% slope. This should be verified by your legal advisor.

16. None of the permanent signage identifying rooms or areas complies with Section 4.30 of ADAAG. This requires lettering to be raised 1/32", 5/8" high minimum, contrasting background and in braille. Other signage requires a certain width to height stroke ratio, a matte finished background and contrasting color to the background.
17. None of the water fountain locations have both the required high-low water fountains. ADA 4.1.3.10
18. There are a few electrical switches that exceed 48" AFF, S/B 36" to 48". They are UH.
19. A TDD phone for the hearing impaired is required when there are four or more telephones in or on a building, if it's a covered shopping center, a convention center or a public transportation center.

20. There doesn't appear to be any visual fire alarms for individuals with a hearing impairment.
21. The city or tenants should have an emergency exiting plan in place for all employees and visitors including those with a disability.
22. All new signage must comply with Section 4.30 of the Americans With Disabilities Act Guidelines.
23. Notify facilities personnel to periodically check all exterior entry and interior passage doors, with a closure, for the correct pull pressure. It is 5 lbs for interior passage doors and 8.5 lbs for exterior entry doors.
24. We are not listing doors that have moveable objects blocking the 18" clear space at the strike edge of an interior passage door on the pull side.
25. Notify purchasing personnel that all future park equipment must comply with all local, state and federal standards and guidelines.
26. Prioritization Scale:
 - I = This is a priority one item
 - II = This is a priority two item
 - III = This is a priority three item
 - IV = This is a priority four item

It's our understanding that The City Hall is leased space (not a city owned facility) and the existing lease expires in approximately one and one half year. Architectural drawings for a new City Hall are currently entering Building Plan Check at this time. Construction is expected to be completed in 1993. The City will then vacate the existing leased City Hall and move into a new accessible facility.

The Americans With Disabilities Act allows public owned facilities until January 26, 1995 to complete their transition plan to provide access to all their programs and to have removed their existing physical barriers that do not present an unreasonable hardship.

Although the City of Mission Viejo has until January 26, 1995 to retrofit its facilities, the owner of the facility the city is currently leasing is required to comply with the Title III requirements of ADAAG by January 26, 1992. The private sector does not have the additional three years to comply. In my opinion, the City Hall building owner has not complied with the requirements of The Americans With Disabilities Act.

ADA & TITLE 24 GENERAL BUILDING CODE NOTES

STAIRS

1. All stairs shall have closed risers.
2. All stairs should have handrails extending the tread width plus 12" past the bottom tread and 12" past the top tread. Handrails are between 30" and 34" above finished floor (AFF).
3. All external stairs should have 2" wide contrast colored non skid striping, within 1" of each tread nose. Interior stairs require tread markings on the top and bottom tread.
4. When there are two or more floors, there shall be raised and braille signage located 60" AFF on the wall adjacent to the strike edge of the door. This signage shall identify the floor and indicate if it leads to a roof or other hazardous area.

CURB CUTS/RAMPS

5. All curb cuts, or curb ramps shall not exceed 8.3% slope, preferably less if possible, with side flares not exceeding 10% for ADA or 12.5% slope per State Standards. The bottom lip shall be 1/2" and beveled.
6. All ramps and walkways exceeding 6.6% grade are required to have handrails on both sides. Curb cuts/ramps are exempt from handrails.
7. All ramps or walkways leading to a door shall have a minimum 60" square level landing or 6'6" if there is an out-swinging door, with a minimum 24" strike side clearance when entry door swings out.
8. ADAAG requires a curb cut and curb ramp to have a truncated surface. We recommend waiting until the State of California adopts either the 12" wide scored surface around the top and sides of the ramp (plus chevron stripes in the center of a diagonal curb cut and a 48" X 30" striped space at the bottom of the ramp) or the truncated surface. This should be known by September 1, 1992.

ACCESSIBLE PARKING

9. Accessible parking spaces should be a minimum of 108" wide with a 60" wide access isle adjacent. An access isle may be shared by two parking spaces. There shall be a minimum of one van space per eight accessible parking spaces, with an 8' access isle adjacent.

10. All accessible parking spaces should have signage posted on a wall at least 36" above ground at the lowest point or 80" AFF if it is on a post in a path of travel, and be outlined in blue or have a 3' X 3' international accessible symbol painted on the ground at the rear of the parking space.
11. It must be as near as possible to a primary entrance and located so that individuals do not have to walk or wheel behind a vehicle other than their own.

SIGNAGE - Interior

12. All permanent signage identifying a room or space shall be 60" centered +/- 6" above the finished floor (AFF), on the wall adjacent to the strike side of the door. The lettering shall be raised 1/32". The characters shall be between 5/8" and 2" in height. There is a required stroke width to height ratio. ADA (4.30)

DOORS/THRESHOLDS

13. All thresholds shall not exceed 1/2", with a beveled edge, not exceeding 1/4" vertical rise.
14. All interior doors shall have a minimum 18" strike side clearance. All exterior doors should have a minimum 24" strike side clearance.
15. All doors should have lever or push pull type door hardware.
16. All doors should have a 10" smooth unobstructed surface on the bottom 10" of the door, on the push side.
17. Interior doors shall not exceed 5 lbs pull, 8.5 lbs for exterior doors. Fire doors should not exceed 15 lbs pull.

ELEVATORS

18. All elevator call buttons shall be 42" maximum AFF. All elevator call and floor buttons shall be raised plus a star symbol indicating the lobby level.
19. There shall be raised and braille lettering 1/2" high to the left of all floor and call buttons. All elevator hoistways casings shall have raised 2" tall Arabic numerals and braille markings about 60" AFF, plus a star on the lobby level.
20. All elevator controls (including emergency telephone) shall be located between 35"-54" AFF preferably 48" AFF, with 2" braille markings. Telephone compartment

doors shall have a complying opening handle that does not require a person to grasp and pull simultaneously.

RESTROOMS

21. All restroom lavatories shall be 18" to center line from walls and have lever type faucets.
22. All restroom lavatories shall have insulated drain and hot water lines.
23. All sinks should have a minimum 29" AFF knee space extending 8" back from the face, 27" is acceptable functionally for existing conditions.
24. All restrooms shall have an accessible toilet 17"-19" AFF.
25. All accessible water closet stalls shall have 42" long, minimum, grab bars extending at least 24" beyond the front of the toilet, 33" (AFF), 1-1/2" in diameter, and 1-1/2" from the wall. The 36" long rear grab bar is 33"-36" AFF.
26. All accessible water closet stalls shall have a complying handle on both sides of the entry door and the door must be self closing.
27. All accessible stall doors shall have a "slide type" or flip over locking mechanism.
28. Mirrors, dispensers and accessories shall not be mounted more than 40" AFF except for coat hooks.
29. All restrooms shall have complying signage mounted on the door, centered at 60". Women's signage is a contrasting colored 12" diameter circle, raised 1/4". Men's signage is a 12" equilateral triangle.

WATER FOUNTAINS

30. All water fountains shall be at least 18" from the wall and in a 32" wide alcove.
31. All water fountains should have at least a 27" clearance underneath.
32. The bubbler shall not exceed 36" AFF with a 4" high water stream within 3" of the basin front.
33. All drinking fountains shall have accessible controls within 6" of the front of the water fountain.

FLOOR MARKINGS

34. All objects in the path of travel over 27" AFF, and less than 80" AFF, extending over 4" from a wall (i.e. drinking fountains) shall be in an alcove or have distinguishing floor markings extending 12" beyond the obstacle in each direction.

SECTION II

SITE REVIEW OF CITY HALL

GENERAL NOTE: The building is sprinklered.

1. There are 178 parking spaces with 39 in the parking structure. There are 5 accessible spaces but no van space with an adjoining 8' unloading area.
Recommend: I, Provide a van space.
2. The cross slopes of the accessible parking spaces vary from 5% to 8%, the front to rear slope is 2.2% or less.
Recommend: I,
3. There isn't a complying path of travel from the public sidewalk or public transportation drop-off point to the primary entrance. The driveway is the only means of access.
Recommend: I,
4. The slope curb ramp from the parking lot at the Southwest corner of the building is 11.6% and the side flares 48%. The slope of the second ramp is 14% and the side flares are 50%, S/B 8.33% and 10% maximum. Neither ramp has the 12" wide sight impaired grooves at the top.
Recommend: I,
5. The cross slope of the sidewalk in front of these curb ramps is 6%, S/B 2% maximum, for about 6' near the entrance to the ramp accessing the front entrance.
Recommend: I,

PARKING STRUCTURE:

6. The stairs to the lower level from the southeast area of the parking lot do not have sight impaired tread markings. There is 10" at the strike edge of the entry door, S/B 24".
Recommend: III,
7. The door on the north side is the same as above.
Recommend: III,
8. The parking structure has a 7'3" head clearance, S/B 8'2".
Recommend: I,
9. The ramp to the elevator in the parking structure is 11.9% and the side flares are about 20%.
Recommend: I,
10. There is a large moveable ashtray blocking access to the elevator call button in parking structure.
Recommend: Relocate

RAMP TO THE FRONT ENTRY:

11. The slope ramp to the front entry varies from 8% to 12%, about 85% of the ramp exceeds 8.33% slope.
 - * There is a handrail on one side only, S/B both sides.
 - * The ramp is 36' long without a level 60" landing, S/B 30" maximum change or 30' long with a 1:12 or 8.33% slope.
 - * The bottom handrail does not extend 12" past the bottom of the ramp.
 - * The slope of the bottom landing is from 1.5% to 2.4%, S/B 2% maximum.
 - * The concrete surface has lifted at an expansion joint. The elevation change is up to 3/8", S/B ground down and beveled.

Recommend:

12. The stairs to the front entry are 10'10" wide on one side and 8'6" on the other side, additional handrails are required every 7'4". There are no sight impaired tread markings, S/B sight impaired tread markings.
Recommend: I,

FIRST FLOOR:

13. The glass entry doors to the Building Department have a locking cylinder protruding about 3/8" out of the bottom 10" of the door on the push side, S/B smooth surface, and over half of the threshold is 1" AFF, half is a vertical rise, with the top 1/2" beveled, S/B 1/2" maximum and beveled.
Recommend: I,
14. The public phone adjacent to the Building Department Counter is 56" AFF, S/B 48" maximum. It does not have a volume control for the hearing impaired.
Recommend: I,
15. The two public counters in the building department's lobby are 42 1/2" AFF, S/B 34" AFF and a minimum of 36" wide.
Recommend: II,
16. There is a 4" clear space at the strike edge of the door from the interior corridor to the back of the building, S/B 18" minimum.
Recommend: I,
17. The City Council members sit on a raised platform about 7 1/2" high without a ramped access. A platform can be constructed to allow the use of a portable ramp.
Recommend: I,
18. The Break Room has a telephone that is 56" AFF to the highest operable point, S/B 48" maximum. The phone box extends off the wall about 7" and 10" at the receiver. There is not a volume control for the hearing impaired.
Recommend: III,

19. The microwave oven is located on a shelf about 60" AFF to the highest operable point.
Recommend: III,
20. The interior fire exit stairs do not have the required sight impaired tread markings and only one handrail extends 23" past the bottom tread.
Recommend: I,
21. The required sight impaired signage on the interior side of the stairwell doors is missing.
Recommend: II,
22. The fire extinguisher compartment door is about 64" AFF, S/B 54" maximum.
Recommend: III,
23. The elevator does not have a star symbol indicating lobby level.
Recommend: III,
24. There are locking cylinders protruding from the bottom of the door on the push side, S/B a 10" high smooth surface.
Recommend: I, Provide a beveled collar around the locking cylinder.
25. The floor is marble and is not non skid.
Recommend: I,
26. The back hall entry door to the community development area has about 5" at the strike edge of the door on the pull side, S/B 18" minimum.
Recommend: III,

SECOND FLOOR:

27. Same as the third floor.
Recommend: Same as the third floor.

THIRD FLOOR:

28. **WOMEN'S RESTROOM:**
 - * There are non complying pedestal lavatories but they are useable.
 - * The paper towel dispenser is 53" AFF and the sanitary napkin dispenser is 51" AFF, S/B 40" maximum.
 - * There should be a complying handle on the inside of the accessible water closet stall door.**Recommend: III,**
29. **MEN'S RESTROOM:**
 - * The flush valve is on the wrong side of the water closet.
 - * The toilet seat cover dispenser is 43" AFF, S/B 40" max.

The rest is the same as the women's restroom except that there isn't a sanitary napkin dispenser.

Recommend: III,

30. The water fountain complies except that it is not a high low model as required by ADAAG.

Recommend: IV

31. The fire stairs do not have sight impaired tread markings, S/B a 2" wide contrasting colored strip within 1" of the tread nosing.

Recommend: I

32. The two fire extinguishers door handle is 60" AFF, S/B 54" max.

Recommend: IV

33. Room signage does not comply with ADAAG 4.30.

Recommend:

ELEVATORS:

34. The thermostats are 60" AFF, S/B 48" maximum.

Recommend: IV,

35. The elevator does not have visually impaired braille symbols, there isn't a complying handle on the telephone compartment door or audible sounds indicating floor levels.

Recommend: I,

SECTION III

SITE REVIEW OF PRIMARY STREETS

LA PAZ

GENERAL NOTE: The curb cuts/ramps are a path of travel, they all should be considered a priority #1.

1. The Northwest corner curb cut of La Paz and Chrisanta Drive has an 8.9% slope and 17.8% side flares, should not exceed 8.3% and 12.5%. There is no level landing at the top of the curb cut. There is a 4.5% slope, should not exceed 2%.
Recommend:
2. The Northeast corner curb cut of La Paz and Chrisanta has an 11.6% slope and 14.4% side flare slopes. There is no level landing at the top of the curb cut.
Recommend:
3. The Southeast corner curb cut of La Paz and Chrisanta has an 11.9% slope and 22.9% side flare slopes. There is no level landing at the top. There is a 9.8% slope, should not exceed 2% slope.
Recommend:
4. The Southwest corner curb cut of La Paz and Chrisanta has an 11% slope and 19.6% side flare slopes. There is no level landing at the top of the curb cut. There is a 9.1% slope, should not exceed 2%.
Recommend:
5. The Northeast side curb cut of LaPaz and Mosquero has a 12.6% slope and 17.3% side flare slopes, should not exceed 8.3% and 12.5% respectively. The gutter at the bottom slopes up 14.9%
Recommend:
6. The Northwest side curb cut of LaPaz and Mosquero has a 10.3% slope and 24.6% side flare slopes. The gutter at the bottom slopes up 18.9%.
Recommend:
7. The Southeast curb cut of LaPaz and Mosquero has a 12.8% slope with 22.7% side flare slopes. The asphalt paving has a 1 ¼" lip just past the gutter. There is no level landing at the top of the curb cut.
Recommend:
8. The Southwest curb cut of LaPaz and Mosquero has a 16.6% slope with 17.3% side flare slopes. The asphalt paving has a 1 ½" lip just beyond the gutter. There is no level landing at the top of the curb cut.
Recommend:

9. The West side curb cut gutter of LaPaz and Pradera at the bottom slopes up at 14.2%. One side flare slope has a 13.2% slope, should not exceed 12.5%.
Recommend:
10. The East side curb cut of LaPaz and Pradera has a 9.8% slope with a 5.6% cross slope. The side flare slopes are 16.6%. The gutter at the bottom slopes up at 12.5%.
Recommend:
11. The North curb cut of LaPaz and Pradera has a 13.2% slope and 19.4% side flare slopes. The landing at the top is 2' wide with a 7.2% slope, S/B 48" minimum and slope should not exceed 2%. There is a lip at the bottom of the ramp.
Recommend:
12. The Northeast curb cut of LaPaz and Spadra has an 11.4% slope with side flare slopes of 21.4%, should not exceed 8.3% and 12.5% respectively.
Recommend:
13. The Northwest curb cut of LaPaz and Spadra has a 14.4% slope and 15.7% side flare slopes. The top landing of the ramp has a 4.2% slope, should not exceed 2%.
Recommend:
14. The South curb cut of LaPaz and Spadra has a 16.6% slope and 24.7% side flare slopes. There is no level landing at the top of the ramp.
Recommend:
15. There are no curb cuts at LaPaz Road and Floresta.
Recommend:
16. The Southwest corner curb cut of LaPaz and Oso Viejo has a 9.8% slope and 21.6% side flare slopes. There is a 1" lip at the bottom of the ramp.
Recommend:
17. The Northwest curb cut of LaPaz and Oso Viejo has an 8.6% slope and 27.7% side flare slopes. There is a 3/4" lip at the bottom of the ramp.
Recommend:
18. The Northeast corner curb cut of LaPaz and Oso Viejo has a 13.2% slope with 23.6% side flare slopes.
Recommend:
19. The Southeast curb cut of LaPaz and Oso Viejo has 16.4% side flare slopes.
Recommend:
20. The Southwest curb cut of LaPaz and Commerce Way has a 10.3% slope with 23.5% side flare slopes, should not exceed 8.3% and 12.5% respectively. There is no level landing at the top of the ramp, there is a 9.6% slope.
Recommend:
21. The Southeast corner curb cut of LaPaz and Commerce Way has a 12.5% slope and 18.2% side flare slopes. There is no level landing at the top, it slopes 11.8%.
Recommend:

22. The North curb cut of LaPaz and Commerce Way has a 10.9% slope with 25.5% side flare slopes. The gutter slopes up 11.4% at the bottom of the curb cut.
Recommend:
23. The Northwest curb cut of LaPaz Road and Los Caballos has a 10.2% slope and 24.7% side flare slopes.
Recommend:
24. The Northeast curb cut of LaPaz Road and Los Caballos has a 10% slope and 20.2% side flare slopes.
Recommend:
25. The Southwest corner curb cut of La Paz and Briarwood has an 8.7% slope and 26.4% side flare slopes.
Recommend:
26. The Southeast curb cut of LaPaz Road and Chrisanta has a 9.6% slope with 24% side flare slopes.
Recommend:
27. The Northwest curb cut of La Paz Road and Arbolitos has a 9.6% slope and 29.1% side flare slopes.
Recommend:
28. The Northeast curb cut at La Paz Road and Arbolitos has an 11.4% slope and 17.1% side flare slopes. The landing at the top of the ramp has a 4.4% cross slope, should not exceed 2%.
Recommend:
29. The Southwest curb cut of La Paz and Devon has an 8.7% slope with 26.8% side flare slopes.
Recommend:
30. The Southeast curb cut has a 13% slope with 16.2% side flare slopes. The landing at the top of the curb cut has a 6.2% slope, should be level.
Recommend:
31. The Northeast curb cut at La Paz Road and Silleros has a 15.1% slope and 27.7% side flare slopes. The landing at the top of the ramp has a 5.9% cross slope.
Recommend:
32. The Northwest curb cut has 28.5% side flare slopes and a 1" lip at the bottom of the curb cut.
Recommend:
33. The curb cut at La Paz Road and Felipe Road has an 11.6% slope and 21.6% side flare slopes.
Recommend:
34. The curb cut at La Paz Road and Olympiad has 16.2% side flare slopes. The gutter at the bottom of the ramp slopes up 11.9%.
Recommend:

MARGUERITE PARKWAY

1. The Northeast corner of Marguerite and Escolar has a ramp with a 13% slope and side flare slopes of 25.6%. The ramp is 8' long and leads to a brick wall. There is no level landing.
Recommend:
2. On the Northwest corner of Marguerite and Escolar, Escolar has a ramp with an 11.9% slope and 21% side flare slopes. The ramp does not go to any path of travel.
Recommend:
3. At 28892 Marguerite, the entry and exit ramp has a 16.2% cross slope at approximately 33' in length.
Recommend:
4. At 28802 Marguerite, the entry and exit ramp to the Acura Dealer is 35' long with a cross slope of 9.3%.
Recommend:
5. Southeast corner of Avery and Marguerite, the existing ramp has a 10.3% slope and side flares of 22%. The lip is $\frac{3}{4}$ " , unbeveled, from a gutter with a slope of 12.1%.
Recommend:
6. At the Northeast corner of Avery and Marguerite, the ramp has a slope of 12.3% and side flare slopes of 25%. The lip is $\frac{3}{4}$ " , unbeveled, from a gutter of 11.4%.
Recommend:
7. At the Northwest corner of Avery and Marguerite, the ramp has a 9.7% slope with side flares of 21.9%. The landing at the top has a cross slope of 6.6%. The sidewalk has a cross slope of 2.7%, should not exceed 2%. There is a 1" lip from the gutter of a 13% slope.
Recommend:
8. At the Southwest corner of Avery and Marguerite, the existing ramp has an 11% slope and a cross slope of 25.5%. There is a $\frac{3}{4}$ " unbeveled lip from a gutter slope of 13.5%. The landing is part of the sidewalk and the sidewalk has a 9.4% slope on approximately 45'.
Recommend:
9. On the East sidewalk of Marguerite between Avery and Saddleback College's Entrance, the sidewalk was surveyed approximately 200' and had a slope of between 2.5% and 4.9%.
Recommend:
10. At the Southeast corner of Saddleback College's entrance and exit, the existing ramp has no level landing. The ramp is 4'5" long and the side flare slopes are 22.2%. There is a $\frac{3}{4}$ " unbeveled lip from a gutter slope of 11%. The center of the entry and exit path of travel has a curbed island with no access.
Recommend:

11. The Northwest corner of the entry and exit to Saddleback College has a ramp approximately 4½' long and no level landing. The ramp has a 12.5% slope and side flare slopes of 18.5%. The lip S/B beveled.
Recommend:
12. The Northeast and Southeast corners of Marguerite and Mission Viejo Mall is an entry and exit to Hillpointe Apartments. We did not survey.
Recommend:
13. The Northwest corner of Marguerite and Mission Viejo Mall has a ramp which tapers on the sidewalk from approximately 6' to 0" and is approximately 14' long. The ramp has a 13.4% slope and a cross slope of 9.7%. There is a ¾" lip to a gutter outward slope of 6.3%. There is no level landing.
Recommend:
14. The Southwest corner of Mission Viejo Mall is the same as the Northwest corner above.
Recommend:
15. The Southeast corner of College Drive and Marguerite has a ramp with an 11% slope with side flare slopes of 30.2%. There is no level landing. The ¾" lip is unbeveled. The cross slope on the sidewalk is approximately 3.2%. The crosswalk has a 5.4% cross slope.
Recommend:
16. The Northeast corner of College Drive and Marguerite has a ramp with a 9.1% slope and side flare slopes of 26.6%. There is no level landing. The 1" lip is unbeveled. This ramp does not go to any sidewalk.
Recommend:
17. The Northwest corner of College Drive and Marguerite has a ramp with a 12.6% slope. The side flare slopes are 22.6%. There is no level landing. The sidewalk has a 3.2% cross slope. There is a 1" unbeveled lip. The sidewalk is less than 36" wide.
Recommend:
18. The Southwest corner of College Drive and Marguerite is identical in structure as the Northwest side. Dimensions are approximately the same.
Recommend:
19. The Southeast corner of Hillcrest and Marguerite has a ramp with a path of travel to the Southwest corner only. The ramp has a 10.8% slope and side flare slopes of 30%. There is no level landing. The gutter slope is 8.3%.
Recommend:
20. The Northeast corner of Hillcrest and Marguerite is now under construction.
Recommend:

21. The Southwest corner of Hillcrest and Marguerite has a ramp with an 11.1% slope and 18.5% side flare slopes. There is no level landing. The ¾" lip is unbeveled to the gutter with a 7.3% slope. The sidewalk at the top of the ramp has a cross slope of 3.2%.
Recommend:
22. The Northwest corner of Hillcrest and Marguerite is the same as the Southwest corner.
Recommend:
23. The Southeast corner of Crown Valley and Marguerite has side flare slopes of 24.8%. There is a 1" lip to a gutter with a 16% slope.
Recommend:
24. The Northeast corner of Crown Valley and Marguerite has a ramp with an 11.5% slope and 22% side flare slopes. There is a 1" lip to a gutter with a slope of 15.4%. The landing area has a cross slope of 2.4%.
Recommend:
25. The Northwest corner of Crown Valley and Marguerite has an island which permits auto traffic to make a right turn from Southbound Marguerite to Westbound Crown Valley without stopping for the traffic light. This island has 2 ramps that are as follows: The East ramp of the island has an 11.8% slope and side flare slopes of 17%. The 1" lip is unbeveled. The West ramp of the island has an 11.4% slope and side flare slopes of 20.4%.
Recommend:
26. The Northwest corner of Crown Valley and Marguerite has a ramp with a 9.6% slope and side flare slopes of 21.4%. The landing area has a cross slope of 2.6%. The 1" lip is unbeveled and leads to a gutter which slopes 10%.
Recommend:
27. The Southwest corner of Crown Valley and Marguerite has a ramp with a 8.5% slope and side flare slopes of 23.2%. The 1" unbeveled lip leads to a gutter which slopes 16%. There is a gap of 2" between the curb and sidewalk.
Recommend:
28. At the corner of Highland and Marguerite, there is no access from the East to the West or visa versa, because of the divider on Marguerite.
Recommend:
29. At the Northwest corner of Highland and Marguerite, there is a ramp with a 10.5% slope and side flare slopes of 21.4%. The landing has a cross slope of 3.4%. There is a ¾" unbeveled lip.
Recommend:
30. The Southwest corner of Highland and Marguerite is approximately the same as the Northwest corner.
Recommend:

31. The Northeast and Southeast corners of Marguerite and Campo Moro are under construction.
Recommend:
32. The Southeast corner of Felipe and Marguerite has a ramp that has a 10.2% slope to a landing area with a cross slope of 2.8%. The side flare slopes are 16.5%. There is a 1" unbeveled lip leading to a gutter with an 11.5% slope.
Recommend:
33. The Northeast corner of Felipe and Marguerite has a slope of 11.6% to a landing area which is part of a downward grade. The sidewalk has an 8.3% cross slope. The landing area has a 4.3% slope. The 1" unbeveled lip leads to a gutter slope of 15.4%. The side flare slopes are 19%.
Recommend:
34. The Northwest corner of La Mancha and Marguerite has a ramp with an 11.2% slope to the landing area with a 4.5% cross slope and a downward slope of 5.6%. The downward slope is part of the downhill sidewalk. The side flare slopes are 22.3%. The ¾" unbeveled lip leads to a gutter with a slope of 14.4%.
Recommend:
35. The Southwest corner of La Mancha and Marguerite has a ramp with a 10.3% slope and side flare slopes of 16.6%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 16%.
Recommend:
36. The Northwest corner of La Sierra and Marguerite has a ramp with a 14.6% slope and 18.8% side flare slopes. The ramp is approximately 4'4" wide and is part of the downward sidewalk with a cross slope of 4%. There is a ½" unbeveled lip.
Recommend:
37. The Southwest corner of La Mancha and Marguerite has a ramp with a 10.4% slope and side flare slopes of 26.2%. The ramp is part of a downward grade sidewalk with no level landing. There is a cross slope of 2.6% on the sidewalk. The ½" unbeveled lip leads to a gutter slope of 10.3%.
Recommend:
38. Both the Northwest and Southwest corners of Venado and Marguerite do not have curb cuts. It would be impossible for a wheelchair to make the crossing in either Northern or Southern directions.
Recommend:
39. The Southeast corner of Claro and Marguerite has a ramp with a 12.3% slope and side flare slopes of 26.4%. The landing area is part of a downward graded sidewalk with a cross slope of 4.5%. The ½" unbeveled lip leads to a gutter slope of 2.9%.
Recommend:

40. The Northeast corner of Claro and Marguerite has a ramp with an 8% slope and side flare slopes of 31.4%. The landing area has a 1% slope and is part of a downward graded sidewalk with a 9.4% slope. The ½" unbeveled lip leads to a gutter slope of 6%.
- Recommend:**
41. The Southwest corner of Oso and Marguerite has a ramp with a 10.2% slope and side flare slopes of 31.9%. The landing area is part of a downward graded sidewalk and has a cross slope of 4.7%. The 1" to 1½" unbeveled lip leads to a gutter slope of 18.4% and a cross slope of 8.2%.
- Recommend:**
42. The Northwest corner of Oso and Marguerite has a ramp with a 9.6% slope and side slopes of 26.5%. The level landing area has a cross slope of 2.7%. The 1" unbeveled lip leads to a gutter slope of 10.8%. Both Southwest and Northwest corners do not have complying path of travel markings.
- Recommend:**
43. The Northeast corner of Oso and Marguerite has a ramp with an 11.5% slope and side flare slopes of 20.4%. There is no level landing area. The ramp is part of the sidewalk. The ¾" unbeveled lip leads to a gutter slope of 15%.
- Recommend:**
44. The Southwest corner of Oso and Marguerite has a ramp with a 10% slope and side flare slopes of 28.3%. There is no level landing. The ramp is part of the sidewalk with a cross slope of 19.5%. The ¾" unbeveled lip leads to a gutter slope of 10.2%. All four corner path of travel markings are ambiguous.
- Recommend:**
45. The Northwest corner of Verano and Marguerite has a ramp with a 13.8% slope and 20.8% side flare slopes. The ramp is 4'7" long and is part of the sidewalk. There is no level landing. The sidewalk has between a 2.5% and 15.7% slope. The ½" unbeveled lip leads to a gutter slope of 8.9%.
- Recommend:**
46. The Southwest corner of Verano and Marguerite has a ramp with a 13.8% slope and side flare slopes of 23.8%. The ramp is 6' long and is part of the sidewalk. There is no level landing. The sidewalk has between a 3.3% and 9.5% slope. The ½" unbeveled lip leads to a gutter slope of 12.5%. Due to the divider on Marguerite, there is no path of travel to the West side of Marguerite at Verano.
- Recommend:**
47. The Northwest corner of Mesilla and Marguerite has a ramp with an 8.5% slope and side flare slopes of 19.9%. There is no level landing. The ¾" to 1½" unbeveled lip leads to a gutter slope of 16.7%.
- Recommend:**

48. The Southwest corner of Mesilla and Marguerite has a ramp with a 10.4% slope and no level landing area. The side flare slopes are 22.4%. The ½" to 1½" lip leads to a gutter slope of 18%.
Recommend:
49. Mesilla and Marguerite has a path of travel for vehicles. It does not have an existing path of travel for the disabled.
Recommend:
50. The Southeast corner of Via Angelina and Marguerite has a ramp with a slope of 12.1%. The landing area is 2'5" wide with a cross slope of 4.2%. The side flare slopes are 16.6%. The ½" to 2" unbeveled lip leads to a gutter slope of 6.5%.
Recommend:
51. The Northeast corner of Via Angelina and Marguerite has a ramp with a 10.2% slope and 12.2% side flare slopes. The landing area has a cross slope of 3.5%. The lip is ½" to 2½" and is unbeveled.
Recommend:
52. The Northwest corner of Via Angelina and Marguerite has a ramp with a 9.6% slope and no level landing. The ramp is part of the sidewalk and the cross slope of the sidewalk is the same as the ramp. The side flare slopes are 17.3%. The ½" to 3" unbeveled lip leads to a gutter slope of 9.8%.
Recommend:
53. The Southwest corner of Via Angelina and Marguerite has a ramp with a 10.2% slope and side flare slopes of 18.3%. There is no level landing. The 1" to 4" unbeveled lip leads to a gutter slope of 18%. The path of travel markings has been erased between the Northwest and Southwest corners. There is no path of travel from the Southwest corner to the Southeast corner of Via Angelina and Marguerite Parkway.
Recommend:
54. The Northwest and Southwest corners of Via Casitas and Marguerite have no curb cuts for the sidewalk path of travel.
Recommend:
55. The Southeast corner of Pacific Place and Marguerite has a ramp and level landing area which are part of the path of travel. The sidewalk has a cross slope of 3%. The side flare slopes are 15.4%. The ½" to 2½" unbeveled lip leads to a gutter slope of 8.6%.
Recommend:
56. The Northeast corner of Pacific Place and Marguerite has a slope of 10.4% with a landing area with a 4.7% cross slope. The side flare slopes are 18.5%. The ½" to 2½" unbeveled lip leads to a gutter slope of 7.5%.
Recommend:
57. Random check of the cross slope of the sidewalk from Oso to Pacific Place varied from 3.2% to 4%.
Recommend:
58. The sidewalk on the East side of Marguerite, opposite of 25571 Plaza Viejo Mall has

a path of travel for vehicles. The curb cut is approximately 28" long with a cross slope of 11.2%.

Recommend:

59. The Southeast corner of Estanciero and Marguerite has a ramp which is part of the sidewalk. It is 4'6" wide and has a 21.5% slope. The side flare slopes are 22.5%. There is no level landing. The ¾" to 6" unbeveled lip leads to the gutter slope of 15.3%.

Recommend:

60. The sidewalk North of the Southeast corner of Estanciero and Marguerite has a path of travel for vehicle entry and egress. The ramp has a cross slope of 9.4% and is approximately 32' long. It has a pedestrian button for same.

Recommend:

61. The Southwest corner of Estanciero and Marguerite has a ramp with a 10.5% slope and no level landing area. The side flare slopes are 16.1%. The ¾" to 6" unbeveled lip leads to a gutter slope of 15.5%.

Recommend:

62. The Northwest corner of Estanciero and Marguerite has a ramp with a 12.9% slope and side flare slopes of 18%. There is no level landing. The ¼" to 6" lip leads to a gutter slope of 15.6%. There is no path of travel to or from the Northwest to the Southwest corners of Estanciero and Marguerite.

Recommend:

63. The sidewalk on the East side of Marguerite at the entrance to the Mall area by the Bonded Cleaners has no curb cuts. There are no necessary markings.

Recommend:

64. The sidewalk at the "East Coast Subs" has a path of travel approximately 34' long with a cross slope of 11.6%.

Recommend:

65. All other entry/egresses are vehicle access only and are the same as the sidewalks on the east side of Marguerite and the entry to the Mall area.

Recommend:

66. AT LaPaz and Marguerite, all corners are under construction.

Recommend:

67. The Southeast corner of Via Florecer and Marguerite has a ramp with a 10.8% slope and side flare slopes of 26.5%. There is no level landing. The 5/8" to 2" unbeveled lip leads to a gutter slope of 15.6%.

Recommend:

68. The Northeast corner of Via Florecer and Marguerite has a ramp with an 11% slope and side flare slopes of 19.4%. There is no level landing. The ½" to 6" unbeveled lip leads to a gutter slope of 8.5%.

Recommend:

69. The Northwest corner of Via Florecer and Marguerite has a ramp which is part of the sidewalk with a 10.7% slope and side flare slopes of 28.2%. There is no level

landing area. The ¼" to 3" unbeveled lip leads to a gutter slope of 12.4%. This ramp is only to access the path of travel to and from the East side of Marguerite at Via Florecer

Recommend:

70. Aldeano runs into, but does not cross Marguerite. Consequently, there are no paths of travel from the West to the East side of Marguerite. From the Northwest to the Southwest of Aldeano, there are no curb cuts.

Recommend:

71. The Southeast corner of Jeronimo and Marguerite has a ramp with a 14.9% slope and side flare slopes of 26.8%. The landing area is part of the sidewalk and has a cross slope of 5.6%. The ¾" to 5" unbeveled lip leads to a gutter slope of 13.1%.

Recommend:

72. The Northeast corner of Jeronimo and Marguerite has a ramp with a 15.8% slope and side flare slopes of 28%. The ½" to 6" unbeveled lip leads to a gutter slope of 12.1%.

Recommend:

73. The Northwest corner of Jeronimo and Marguerite has a short ramp which is part of the sidewalk. It has a 15.5% slope and side flare slopes of 16.5%. There is no landing area. The ½" to 6" unbeveled lip leads to a gutter slope of 7.1%.

Recommend:

74. The Southwest corner of Jeronimo and Marguerite has a ramp with a 13.1% slope and side flare slopes of 29%. The short ramp is part of the sidewalk and there is no level landing. The ½" to 6" unbeveled lip leads to a gutter slope of 10.5%.

Recommend:

75. Pueblo Nuevo runs into, but does not cross Marguerite. There are no paths of travel from the West to the East on Marguerite. There are no curb cuts on the Northwest or the Southwest corners.

Recommend:

76. Via San Luis runs into, but does not cross Marguerite. There are no paths of travel from the East to the West side of Marguerite. There are no curb cuts on the Southeast and Northeast corners.

Recommend:

77. The Southwest corner of Trabuco and Marguerite has a short ramp with a 15.6% slope and side flare slopes of 16.8%. This short ramp is part of the sidewalk and is 4'6" wide. There is no level landing. The 1" to 6" unbeveled lip leads to a gutter slope of 18.4%. The path of travel is obstructed on the sidewalk by two traffic light posts.

Recommend:

78. The Southwest corner of Trabuco and Marguerite has a ramp with a 12.3% slope and side flares of 23.4%. The ramp is part of the sidewalk and has no level landing. The 1" to 6" unbeveled lip leads to a gutter of 14.8% slope.
Recommend:
79. The Northwest corner of Trabuco and Marguerite has a ramp with a 14.1% slope and side flare slopes of 28.3%. The ramp is part of the sidewalk and has no level landing. The ¾" to 6" unbeveled lip leads to a gutter slope of 15.1%.
Recommend:
80. The Northeast corner of Trabuco and Marguerite has a ramp with an 11.9% slope and side flare slopes of 19.8%. There is no level landing. The 1½" to 6" unbeveled lip leads to a gutter slope of 16.4%.
Recommend:
81. Via Flores runs into, but does not cross Marguerite. There are no paths of travel from the Northwest or the Southwest to the East side of Marguerite. There are no curb cuts on the West side of Marguerite and Via Flores.
Recommend:
82. The Southeast corner of Casta Del Sol and Marguerite has a ramp with a 13.7% slope and side flare slopes of 15.5%. The ramp is part of a 5'10" sidewalk and has no level landing. The ½" to 6" unbeveled lip leads to a gutter slope of 12.7%.
Recommend:
84. The Northeast corner of Casta Del Sol and Marguerite has a ramp with a 17.4% slope and side flare slopes of 14.7%. The ramp is 4'6" wide and part of the sidewalk. There is no level landing. The slope lip is level to 6", unbeveled, and leads to a gutter slope of 16%.
Recommend:
85. The Northwest corner of Casta Del Sol and Marguerite has a ramp with an 11.9% slope and side flare slopes of 14.1%. The ramp is part of the sidewalk and has no level landing. The lip is O.K and leads to a gutter slope of 13.8%.
Recommend:
86. The Northwest corner of Calixto and Marguerite has a ramp with a 9.3% slope and side flare slopes of 16.9%. The landing area has a cross slope of 4%. The 1" unbeveled lip leads to a gutter slope of 12%.
Recommend:
87. The Southwest corner of Calixto and Marguerite has a ramp with a 9.3% slope and side flare slopes of 25%. The landing area has a 3.3% cross slope. The 1" unbeveled lip leads to a gutter slope of 14.4%. Calixto runs into, but does not cross Marguerite. Consequently, there is no path of travel to the East side of Marguerite from the West side.
Recommend:

88. Coso runs into, but does not cross Marguerite. There is a ramp under an 8% slope to a landing area with a cross slope of 12.5%. This is part of a sloped sidewalk. The side flares of the ramp are 31%. The ¾" unbeveled lip leads to a gutter slope of 9%.
Recommend:
89. The Northeast corner of Coso and Marguerite has a ramp with a 12.7% slope and side flare slopes of 24.3%. The landing area has a cross slope of 4.2%. The ¾" unbeveled lip leads to a downward gutter slope of 5%.
Recommend:
90. The Southeast corner of Alerzal and Marguerite has a ramp which is in compliance. The landing area which is part of a sidewalk has a cross slope of 8.4%. The side flares of the ramp are 24.7%. The ½" unbeveled lip leads to a gutter slope of 5.9%.
Recommend:
91. The Northeast corner of Alerzal and Marguerite has a ramp with a 10.1% slope and side flare slopes of 24.3%. The landing area which is part of the sidewalk has a cross slope of 4.6%. The lip is O.K., but S/B beveled and leads to a gutter down slope of 10.4%. Alerzal runs into, but does not cross Marguerite. Consequently, there are no paths of travel from the East side to the West side of Marguerite.
Recommend:
92. The Northwest corner of Via Guadix and Marguerite has a ramp with a 10.4% slope and side flares of 17.1%. The landing area has a cross slope of 4.8%. The 1" to 1¼" unbeveled lip leads to a gutter slope of 14.5%.
Recommend:
93. The Southwest corner of Via Guadix and Marguerite has a ramp with a 9.6% slope and side flare slopes of 23.4%. The landing area which is part of a deep graded sidewalk has a cross slope of 10.1%. The 1" unbeveled lip leads to a gutter slope of 11.7%. Via Guadix runs into but does not cross Marguerite. Consequently, there are no paths of travel from the West side to the East side of Marguerite.
Recommend:
94. The Southeast Corner of Alicia and Marguerite has a ramp that has a landing area which is part of the sidewalk. The ramp side flare slopes are 22.1%. The cross slope of the landing is 3.1%. The 1" unbeveled lip leads to a gutter slope of 16.1%.
Recommend:
95. The Northeast corner of Alicia and Marguerite has a ramp with a 13.1% slope and 22.3% side flare slopes. The landing area which is part of the sidewalk has a cross slope of 3.6%. The 1" unbeveled lip leads to a gutter slope of 13%.
Recommend:
96. The Northwest corner of Alicia and Marguerite has a ramp with a 13% slope and side flare slopes of 16.1%. The landing area which is part of the sidewalk has a 2.6% slope. The 1" unbeveled 1" lip leads to a gutter slope of 10.8%.
Recommend:

97. The Southwest corner of Alicia and Marguerite has a ramp with a 10.1% slope and side flare slopes of 25.4%. The landing area is part of the sidewalk and has a 3.5% cross slope. The 1½" unbeveled lip leads to a gutter slope of 15.5%.
Recommend:
98. The Northwest corner of Antela and Marguerite has a ramp with a 10.1% slope and side flare slopes of 18.5%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 8.3%.
Recommend:
99. The Southwest corner of Antela and Marguerite has a ramp with a 9.6% slope and side flares of 15%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 21.4%. Antela runs into, but does not cross Marguerite. Consequently, there are no paths of travel to the East side of Marguerite.
Recommend:
100. The Southeast corner of Vista Del Lago and Marguerite has a ramp with a 9.1% slope and 21% side flare slopes. The 1¼" unbeveled lip leads to a gutter slope of 13.1%.
Recommend:
101. The Northeast corner of Vista Del Lago and Marguerite has a ramp with a 9.8% slope and side flare slopes of 21.2%. The 1" unbeveled lip leads to a gutter slope of 12%.
Recommend:
102. The Northwest corner of Vista Del Lago and Marguerite has a ramp with a 10.2% slope and side flare slopes of 22.8%. The landing area is part of the sidewalk and has a cross slope of 3.5%. The 1" unbeveled lip leads to a gutter slope of 14.8%.
Recommend:
103. The Southwest corner of Vista Del Lago and Marguerite has a ramp with an 8.7% slope and side flare slopes of 24.1%. The Landing area is part of the sidewalk and has a cross slope of 7.7%. The 1" unbeveled lip leads to a gutter slope of 11.8%.
Recommend:
104. The Northwest corner of Alarcon and Marguerite has a ramp with a 10.1% slope to 4' of the landing area that has less than a 2% slope. The landing area is part of the sidewalk. The side flare slopes are 22.7%. The ¾" unbeveled lip leads to a gutter slope of 12.8%.
Recommend:
105. The Southwest corner of Alarcon and Marguerite has a ramp with an 8.2% slope and side flare slopes of 25.5%. The landing area is part of the sidewalk and has a cross slope of 5.3%. The sidewalk is on a downgrade. The ¾" unbeveled lip leads to a gutter slope of 13.3%. Alarcon runs into, but does not cross Marguerite from the West to the East.
Recommend:

106. The Southeast corner of Ameno and Marguerite has a ramp with an 11.6% slope and 24.1% side flare slopes. The landing area has a cross slope of 3.8% and is part of a sidewalk. The ½" unbeveled lip leads to a downward gutter slope of 3.6%.
Recommend:
107. The Northeast corner of Ameno and Marguerite has a ramp with side flares of 27.6% leading to a landing area with a cross slope of 8%. The landing is part of a downhill sidewalk. The ¾" unbeveled lip leads to a gutter slope of 12.3%. Ameno runs into, but does not cross Marguerite from East to West. Consequently, there is no path of travel from the East side to the West side on Marguerite.
Recommend:
108. The Southeast corner of Olympiad and Marguerite has a ramp with an 11.7% slope and side flare slopes of 34.1%. The landing area is part of the sidewalk and has a cross slope of 5.9%. The 1" unbeveled lip leads to a gutter slope of 13.3%.
Recommend:
109. The Northeast corner of Olympiad and Marguerite has a ramp with a 10.4% slope and side flare slopes of 29.9%. The ¾" unbeveled lip leads to a gutter slope of 12.4%.
Recommend:
110. The Northwest corner of Olympiad and Marguerite has a ramp with a 13.5% slope and side flare slopes of 30.4%. The ramp is part of a sidewalk path of travel with no level landing area. The ½" unbeveled lip leads to a gutter slope of 14.3%. This is the only path of travel from the East to the West and visa versa since there is no ramp or path of travel at the Southwest corner of Olympiad and Marguerite.
Recommend:
111. The Southeast corner of Coral Gardens and Marguerite has a ramp with a 9.5% slope and side flare slopes of 23.3%. The landing area is 4' wide. The ½" unbeveled lip leads to a gutter slope of 10.5%.
Recommend:
112. The Northeast corner of Coral Gardens and Marguerite has a ramp with a 9.3% slope and side flare slopes of 21.8%. The landing area has a cross slope of 3.4%. The ½" unbeveled lip leads to a gutter slope of 13.8%. Coral Garden has no access to the West side of Marguerite due to continuous road divider on Marguerite Parkway.
Recommend:
113. The Southeast corner of La Barca and Marguerite has a ramp with an 11.6% slope and side flare slopes of 25.2%. The landing area is 4' wide with a cross slope of 3%. The 1" unbeveled lip leads to a gutter slope of 13.6%.
Recommend:
114. The Northeast corner of La Barca and Marguerite has a ramp with a 9.4% slope and side flare slopes of 20.2%. The landing area is 3½' wide and has a cross slope of 3%. The ¾" unbeveled lip leads to a gutter slope of 9.5%.
Recommend:

115. The Northwest corner of La Barca and Marguerite has a ramp with an 11.7% slope and side flare slopes of 22.8%. The landing area is 4' wide and has a cross slope of 2.8%. The 1¼" unbeveled lip leads to a gutter slope of 7.2%.
Recommend:
116. The Southwest corner of La Barca and Marguerite has a ramp with a 10.3% slope and side flare slopes of 22%. The landing area is 4' wide and a cross slope of 2.1%. The ¾" unbeveled lip leads to a gutter downward slope of 1.3%.
Recommend:
117. The Southeast corner of Carrington and Marguerite has a ramp with a 9.0% slope and side flare slopes of 24.2%. The landing area is 4' wide with a cross slope of 6.6%. The ¾" unbeveled lip leads to a gutter slope of 4.8%.
Recommend:
118. The Northeast corner of Carrington and Marguerite has a ramp with a 10.4% slope and side flare slopes of 25.3%. The landing area is 4' with a cross slope of 2.4%. The ½" unbeveled lip leads to a conforming gutter slope. Carrington runs into, but does not cross Marguerite because of a center divider on Marguerite Parkway.
Recommend:
119. The Southwest corner of Cordova and Marguerite has a ramp with a 9.2% slope and side flare slopes of 20.2%. The 1" unbeveled lip leads to a gutter slope of 10.3%.
Recommend:
120. The Northwest corner of Cordova and Marguerite has a ramp with a 9.2% slope and side flare slopes of 22%. The ¾" unbeveled lip leads to a gutter slope of 11.7%. Cordova Runs into, but does not cross Marguerite. Consequently, there are no paths of travel to the East side of Marguerite.
Recommend:
121. The Southwest corner of Santa Margarita Parkway and Marguerite Parkway has a ramp with a 9.1% slope and side flare slopes of 22.3%. The 1" unbeveled lip leads to a gutter slope of 11.1%.
Recommend:
122. The Northeast corner of Santa Margarita and Marguerite has a ramp with a 9% slope and side flare slopes of 24.4%. The landing area is 4' and is part of a sidewalk with a cross slope of 2.3%. The 1" unbeveled lip leads to a gutter slope of 6.6%.
Recommend:
123. The Northwest corner of Santa Margarita and Marguerite has a ramp with an 8.9% slope and side flare slopes of 27.5%. The landing has a cross slope of 3.4%. The ¾" unbeveled lip leads to a gutter slope of 5.5%.
Recommend:

124. The Southwest corner of Santa Margarita and Marguerite has a ramp with a 9.6% slope and side flare slopes of 31.2%. The landing area has a cross slope of 3.2% to 4.2% as part of the sidewalk. The ¾" unbeveled lip leads to a gutter slope of 11.7%.
Recommend:
125. The Southeast corner of Mountain and Marguerite has a ramp with an 11% slope and side flare slopes of 27.3%. The landing area is part of the sidewalk and has a cross slope of 7.1%. The ¾" unbeveled lip leads to a gutter slope of 4.7%.
Recommend:
126. The Northeast corner of Mountain and Marguerite has a ramp with a 12.4% slope and side flare slopes of 24.4%. The landing area is approximately 4' with a cross slope of 4% and is part of the sidewalk. The ½" unbeveled lip leads to a downward gutter slope of 4.4%. Mountain runs into, but does not cross Marguerite. Consequently there are no paths of travel from the East side to the West side of Marguerite.
Recommend:
127. The Southwest corner of Rose and Marguerite has a ramp with 23.4% side flares. The landing area is 4', part of a sidewalk, and has a cross slope of 5.5%. The ¾" unbeveled lip leads to a gutter slope of 18.5%.
Recommend:
128. The Northwest corner of Rose and Marguerite has a ramp with a 9% slope and side flare slopes of 22.6%. The landing has a cross slope of 7.6%. The 1" unbeveled lip leads to a gutter slope of 12.2%. Rose street runs into, but does not cross Marguerite. Consequently, there are no paths of travel from the West side to the East side of Marguerite.
Recommend:
129. The Southeast corner of Los Alisos and Marguerite has a ramp with a 10.3% slope and side flare slopes of 16.2%. The landing area is 4½' and has a cross slope of 2.6%. The ¾" unbeveled lip leads to a gutter slope of 13.2%.
Recommend:
130. The Northeast corner of Los Alisos and Marguerite has a ramp with an 8.8% slope and side flare slopes of 15.5%. The landing area has a cross slope of 2.5%. The ¾" unbeveled lip leads to a gutter slope of 10.2%.
Recommend:
131. The Northwest corner of Los Alisos and Marguerite has a ramp with a 12.1% slope and side flare slopes of 21%. The landing area has a cross slope of 3.6%. The ¾" unbeveled lip leads to a gutter slope of 12.4%.
Recommend:
132. The Southwest corner of Los Alisos and Marguerite has a ramp with a 12% slope and side flare slopes of 21.8%. The landing area has a cross slope of 2.2%. The ¾" unbeveled lip leads to a gutter slope of 15.4%.
Recommend:

133. The Southwest corner of El Toro Road and Marguerite has a ramp with a 10.5% slope and side flare slopes of 30%. The landing area is built on a down slope sidewalk with a cross slope of 7.9%. The $\frac{3}{4}$ " unbeveled lip leads to a gutter slope of 12.1%.

Recommend:

134. The Southeast corner of El Toro Road and Marguerite has a ramp with a 12.6% slope and side flare slopes of 32.8%. The landing area is part of a downhill sidewalk and has a cross slope of 7.2%. The 1" unbeveled lip leads to a gutter slope of 12.1%. Marguerite ends at El Toro Road, therefore, there are no paths of travel from South to North across El Toro Road.

Recommend:

JERONIMO

1. The Southwest corner of Jeronimo and Olympiad has a ramp with an 8.9% slope and side flare slopes of 27.7% that leads to a landing area with a cross slope of 3.2%. There is a ¼" unbeveled lip leading to a gutter slope of 14.1%.
Recommend:
2. The Northwest corner of Jeronimo and Olympiad has a ramp with an 8.9% slope and side flare slopes of 27%. The landing area has a cross slope of 4.8%. The ¼" unbeveled lip leads to a gutter slope of 14.2%.
Recommend:
3. Jeronimo does not go through Olympiad. East side is under construction.
4. The Southwest corner of Pavion and Jeronimo has a ramp with an 8.6% slope and 29.9% side flare slopes. The landing area has a cross slope of 8%. The ¼" unbeveled lip leads to a gutter downward slope of 3.6%.
Recommend:
5. The Southeast corner of Pavion and Jeronimo has an existing ramp with a 12.7% slope and side flare slopes of 29.5%. The landing area has a cross slope of 3.1%. The ¼" unbeveled lip leads to a 34% downward gutter slope. Pavion does not have a path of travel access from the East side to the West side of Jeronimo.
Recommend:
6. The Northwest corner of Azorin and Jeronimo has a ramp with a 9.9% slope and side flare slopes of 23.8%. The landing area has a cross slope of 4%. The ¼" unbeveled lip leads to a gutter slope of 14%.
Recommend:
7. The Southwest corner of Azorin and Jeronimo has a ramp with a 10.6% slope and side flare slopes of 22%. The landing area has a cross slope of 2.4%. Azorin has no path of travel from the West to the East side on Jeronimo.
Recommend:
8. The Northeast corner of Silleros and Jeronimo has a ramp with a 16.4% slope and side flare slopes of 26.8%. The landing area has a cross slope of 3.2%. The ¼" unbeveled lip leads to a gutter slope of 8.4%.
Recommend:
9. The Southeast corner of Silleros and Jeronimo has a ramp with a 16% slope and side flare slopes of 27.4%. The landing area has a cross slope of 5.2%. The ¼" unbeveled lip leads to a gutter slope of 1.5%. Silleros does not have a path of travel from the East to the West side on Jeronimo.
Recommend:
10. The Northwest corner of Arbolitos and Jeronimo has a ramp with a 9.4% slope and side flare slopes of 15.1%. The landing has a cross slope of 3.9%. The 1" unbeveled lip leads to a gutter slope of 11.9%.
Recommend:

11. The Southwest corner of Arbolitos and Jeronimo has a complying ramp with no level landing area. The side flare slopes are 22.3%. The 1" unbeveled lip leads to a gutter slope of 8.7%. Arbolitos does not have a path of travel from the East to the West side of Jeronimo.
Recommend:
12. The Northeast corner of Albeniz and Jeronimo has a ramp with a 15% slope and side flare slopes of 16.7%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 1.2%.
Recommend:
13. The Southeast corner of Albeniz and Jeronimo has a ramp with an 11.6% slope and side flare slopes of 18.3%. The landing area, which is part of the sidewalk, is 3½' wide and has a cross slope of 4.4%. The ¾" unbeveled lip leads to a gutter slope of 1.4%. Albeniz does not have a path of travel from the East to the West side of Jeronimo.
Recommend:
14. The Northwest corner of Via San Fernando and Jeronimo has a ramp with a 10.8% slope and side flare slopes of 19.5%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 2.6%.
Recommend:
15. The Southwest corner of Via San Fernando and Jeronimo has a complying ramp with side flare slopes of 24.2%. There is no level landing. The 3" lip leads to a gutter slope of 8.4%. Via San Fernando has no path of travel from the West to the East side on Jeronimo.
Recommend:
16. Via Chapas and Jeronimo has no curb cuts on any of the four corners.
Recommend:
17. Cantada and Jeronimo has no curb cuts although there are three paths of travel.
Recommend:
18. Quintana and Jeronimo has no curb cuts on the West side of Jeronimo.
Recommend:
19. Valyeremo and Jeronimo has no curb cuts from the East to the West side of Jeronimo.
Recommend:
20. Carranza and Jeronimo has no curb cuts and no path of travel from the East to the West on Jeronimo.
Recommend:
21. Tudela and Jeronimo has no curb cuts and no path of travel from the West to the East side of Jeronimo.
Recommend:
22. Montilla and Jeronimo has no curb cuts on any of the four corners.
Recommend:

23. Cordillera and Jeronimo has no curb cuts on any of the four corners.
Recommend:
24. Casa Nuevo and Jeronimo has no curb cuts and no path of travel from the West side to the East side of Jeronimo.
Recommend:
25. Adelanto and Jeronimo has no curb cuts and no path of travel from the East to the West side of Jeronimo.
Recommend:
26. The Southwest corner of Alicia and Jeronimo has a ramp with a 12.6% slope and side flare slopes of 18.6%. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 13.3%.
Recommend:
27. The Southeast corner of Alicia and Jeronimo has a ramp with a 12.4% slope and side flare slopes of 18.1%. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 9.8%.
Recommend:
28. The Northeast corner of Alicia and Jeronimo has a ramp with a 13.5% slope and side flare slopes of 17.7%. The ½" lip leads to a gutter slope of 14.8%.
Recommend:
29. The Northwest corner of Alicia and Jeronimo has a ramp with a 12.6% slope and side flare slopes of 16%. The landing area has a cross slope of 3%. The ½" unbeveled lip leads to a gutter slope of 8.1%.
Recommend:
30. The Southeast corner of Acero and Jeronimo has a ramp with a 12.9% slope and side flare slopes of 28%. The landing area has a cross slope of 3.5%. The ¾" unbeveled lip leads to a gutter slope of 5.9%.
Recommend:
31. The Northeast corner of Acero and Jeronimo has a ramp with an 11.4% slope and side flare slopes of 19.9%. The landing area has a cross slope of 5.2%. The ¾" unbeveled lip leads to a gutter down slope of 7.4%. The path of travel markings do not correspond with the ramps from the Southeast to the Northeast at Acero.
Recommend:
32. The Northwest corner of Acero and Jeronimo has a ramp with a 13.3% slope and side flare slopes of 21.5%. There is no level landing. The ramp is part of the sidewalk. The ¾" unbeveled lip leads to a gutter slope of 6.1%.
Recommend:
33. The Southeast corner of Obrero and Jeronimo has a ramp with a 10.2% slope and side flare slopes of 22.5%. There is no level landing. The ½" to ¾" unbeveled lip leads to a 2.5% down sloped gutter.
Recommend:

34. The Northwest corner of Obrero and Jeronimo has a ramp with a 12.7% slope and side flare slopes of 22.5%. There is no level landing area. The ¾" unbeveled lip leads to a gutter slope of 8%.
Recommend:
35. The Northwest corner of Obrero and Jeronimo has a ramp with a 15.6% slope and side flare slopes of 18.1%. There is no level landing. The 1¼" unbeveled lip leads to a gutter slope of 16.2%.
Recommend:
36. The Southwest corner of Obrero and Jeronimo has a ramp with a 16.2% slope and side flare slopes of 15.8%. There is no level landing. The 1½" unbeveled lip leads to a gutter slope of 12.2%. There is no path of travel from the Southwest corner to the Southeast corner or vice versa.
Recommend:
37. The Southwest corner of Diseno and Jeronimo has a ramp with a 15.6% slope and side flare slopes of 18.1%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 13.7%.
Recommend:
38. The Northwest corner of Diseno and Jeronimo has a ramp with a 15% slope and side flare slopes of 15%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 10.1%.
Recommend:
39. The Southeast corner of Los Alisos and Jeronimo has a ramp with an 11% slope and side flare slopes of 14.6%. There is no level landing. The 1½" unbeveled lip leads to a gutter slope of 17.5%.
Recommend:
40. The Southwest corner of Los Alisos and Jeronimo has a ramp with an 11.6% slope and side flare slopes of 14.4%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 11%. NOTE: The North side of Los Alisos is not part of Mission Viejo.
Recommend:

TRABUCO ROAD

1. The East side of La Vina and Trabuco has no curb cuts. La Vina does not cross Trabuco.
Recommend:
2. The Northwest corner of Via Nuez and Trabuco has a ramp with an 8.5% slope and side flare slopes of 22.1%. The landing is part of a sidewalk and has a cross slope of 8.4%. The 1" unbeveled lip leads to a gutter slope of 12.5%.
Recommend:
3. The Southwest corner of Via Nuez and Trabuco has a ramp with a 9% slope and side flare slopes of 17.9%. The landing area is part of a sidewalk and has a cross slope of 7.2%. The 1½" unbeveled lip lead to a gutter slope of 12.9%.
Recommend:
4. The Southeast corner of Modesto and Trabuco has a ramp with a 10.3% slope and side flare slopes of 27.1%. It has a S.I.M. and no level landing. The 1" unbeveled lip leads to a gutter slope of 5.6%.
Recommend:
5. The Northeast corner of Modesto and Trabuco has a ramp with an 11.8% slope and side flare slopes of 20.4%. It has a S.I.M. and no level landing. The 1" unbeveled lip leads to a downward gutter slope of 3.7%.
Recommend:
6. The Northwest corner of Modesto and Jeronimo has a ramp with a 13% slope and side flare slopes of 18.5%. It has S.I.M.s and no level landing area. The lip is level to a downward gutter slope of 6.8%.
Recommend:
7. The Southwest corner of Modesto and trabuco has a ramp with a 9.4% slope and side flare slopes of 21.4%. It has S.I.M.s and no level landing. The ¾" unbeveled lip leads to a gutter slope of 9%.
Recommend:
8. The Northeast corner of Los Alisos and Trabuco has a ramp with an 11.2% slope and side flare slopes of 22.4%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 9.6%.
Recommend:
9. The Southeast corner of Los Alisos and Trabuco has a ramp with a 12.6% slope and side flare slopes of 17.8%. There is no level landing area. The ½" unbeveled lip leads to a gutter slope of 9.4%.
Recommend:
10. The Southwest corner of Los Alisos and Trabuco has a ramp with a 10.4% slope and side flare slopes of 17%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 9.6%.
Recommend:

11. The Northwest corner of Los Alisos and Trabuco has a ramp with a 10.4% slope and side flare slopes of 19.5%. There is no level landing area. The ¾" unbeveled lip leads to a gutter slope of 11.7%.
Recommend:
12. The Southeast corner of Via San Gabriel and Trabuco has a ramp with a 12.2% slope and side flare slopes of 22.6%. There is no level landing. The 1¼" unbeveled lip leads to a downward gutter slope of 4.5%.
Recommend:
13. The Northeast corner of Via San Gabriel and Trabuco has a ramp with a 12.6% slope and side flare slopes of 26.1%. It is part of the sidewalk and there is no level landing. The 1¼" unbeveled lip leads to a gutter slope of 8.5%.
Recommend:
14. Via Madrigal and Trabuco has no curb cuts and no path of travel from the West to the East side on Trabuco.
Recommend:
15. The Southeast corner of Via Baltia and Trabuco has a ramp with a 10.8% slope and side flare slopes of 19.6%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 5.4%.
Recommend:
16. The Northeast corner of Via Baltia and Trabuco has a ramp with a 9.2% slope and side flare slopes of 13.6%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 1.5%.
Recommend:
17. The Southeast corner of Alicia and Trabuco has a ramp with a 9.4% slope and side flare slopes of 16.5%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 14.8%.
Recommend:
18. The Northeast corner of Alicia and Trabuco has a ramp with a 9.7% slope and side flare slopes of 14.3%. The 1" unbeveled lip leads to a gutter slope of 12.2%.
Recommend:
19. The Northwest corner of Alicia and Trabuco has a ramp with a 13.5% slope and side flare slopes of 18.3%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 12.2%.
Recommend:
20. The Southwest corner of Alicia and Trabuco has a ramp with an 11.1% slope and side flare slopes of 26.6%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 13.2%. All existing pedestrian cross walk markings do not comply with the path of travel to the ramps.
Recommend:
21. Via Victoria and Trabuco has no curb cuts.
Recommend:

22. The Northwest corner of Carlota and Trabuco has a ramp with a 13% slope and side flare slopes of 16.4%. There is no level landing area. The ¾" unbeveled lip leads to a gutter downward slope of 3.2%.
Recommend:
23. The Southwest corner of Carlota and Trabuco has a ramp with a 9.8% slope and side flare slopes of 20.8%. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 7.4%.
Recommend:
24. The Southeast corner of Carlota and Trabuco has a ramp with a 15.3% slope and side flare slopes of 17.5%. The ramp is part of the sidewalk which is 4'6" wide. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 12.6%.
Recommend:
25. There is no cross walk or curb cut on the Northeast side of Carlota. All three existing ramps have some S.I.M.s around the borders but none in the center or part of the ramps.
Recommend:
26. Puerta De Luz and Trabuco does not have curb cuts.
Recommend:

ALICIA PARKWAY

1. The Northeast corner of Rustic Oak and Alicia Parkway has a ramp with a 9.2% slope and side flare slopes of 16.4%. The landing area is part of the sidewalk and has a cross slope of 8.6%. The ¾" unbeveled lip leads to a gutter slope of 8%.
Recommend:
2. The Northwest corner of Rustic Oak and Alicia has a ramp with a complying slope leading to a landing area which is part of the sidewalk. The landing area has a cross slope of 11.4%. The side flare slopes of the ramp are 26.8%. The ¾" unbeveled lip leads to a gutter slope of 20.7%. There is no path of travel to the South side of Alicia. The ramps have some S.I.M.s around the border of the ramps, but none in the center of the ramps.
Recommend:
3. The Northwest corner of Olympiad and Alicia has a ramp with a 9.4% slope and side flare slopes of 22.4%. The landing area is part of the sidewalk and has a cross slope of 6.5%. The ¾" unbeveled lip leads to a gutter slope of 11%.
Recommend:
4. The Southwest corner of Olympiad and Alicia has a ramp with a 10% slope and side flare slopes of 26.6%. The landing area is part of the sidewalk and has a cross slope of 5.5%. The ¾" unbeveled lip leads to a gutter slope of 13.6%. This corner has some S.I.M.s but none in the center of the ramp.
Recommend:
5. The Southeast corner of Olympiad and Alicia has a ramp with a 12.4% slope and side flare slopes of 19.2%. The landing area is part of the sidewalk and has a cross slope of 6.2%. The ¾" unbeveled lip leads to a gutter slope of 14.6%.
Recommend:
6. The Northeast corner of Olympiad and Alicia has a ramp with a 10.7% slope and side flare slopes of 15.2%. The landing area is part of the sidewalk and has a cross slope of 3.8%. The ¾" unbeveled lip leads to a gutter slope of 11.2%.
Recommend:
7. The Northeast corner of Olympiad Plaza and Alicia has a ramp with a 12% slope and side flare slopes of 26.4%. The landing is part of the sidewalk and has a cross slope of 5.4%. The 1" unbeveled lip leads to a gutter slope of 10.5%. The other side of Alicia is the Entry and Exit to Olympiad Plaza which is private.
Recommend:
8. The Northeast corner of Lanzarote and Alicia has a ramp with a 12.2% slope and side flare slopes of 23.9%. The landing area is part of the sidewalk and has a cross slope of 5.1%. The ¾" unbeveled lip leads to a gutter slope of 10.2%.
Recommend:

9. The Northwest corner of Lanzarote and Alicia has a ramp leading to a landing area which is part of the sidewalk and has a cross slope of 14.8%. The side flare slopes are 35.7%. The 1/8" unbeveled lip leads to a gutter slope of 11.6%. There is no path of travel from the North to the South on Lanzarote and Alicia.
Recommend:
10. The Northeast corner of Calle Azorin and Alicia has a ramp with an 11.9% slope and side flare slopes of 20.5%. The landing area is part of the sidewalk and has a cross slope of 4.7%. The 3/4" unbeveled lip leads to a downward gutter slope of 2.2%.
Recommend:
11. The Northwest corner of Calle Azorin and Alicia has a ramp with a 10.7% slope and side flare slopes of 19.8%. The landing area is part of the sidewalk and has a cross slope of 3.6%. The 3/4" unbeveled lip leads to a gutter slope of 8.7%.
Recommend:
12. The Southwest corner of Calle Azorin and Alicia has a slope of 9.7% and side flare slopes of 23.5%. There is no level landing. The 3/4" unbeveled lip leads to a gutter slope of 12.2%.
Recommend:
13. The Southeast corner of Calle Azorin and Alicia has a ramp with an 11.9% slope and side flare slopes of 21.7%. There is no level landing area. The 3/4" unbeveled lip leads to a gutter slope of 13.4%.
Recommend:
14. The Northeast corner of Finisterra and Alicia has a ramp with a 10.2% slope and side flare slopes of 24.2%. The landing has a cross slope of 6.2%. The 1/2" unbeveled lip leads to a gutter slope of 8.6%. The ramp has S.I.M.s.
Recommend:
15. The Northwest corner of Finisterra and Alicia has a ramp with an 11.6% slope and side flare slopes of 23.7%. The landing has a cross slope of 4.5%. The 3/4" unbeveled lip leads to a downward gutter slope of 2.6%. The ramp has S.I.M.s.
Recommend:
16. The Southwest corner of Finisterra and Alicia has a ramp with a 9% slope and side flare slopes of 19.6%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 8.5%. The ramp has S.I.M.s.
Recommend:
17. The Southeast corner of Finisterra and Alicia has a ramp with a 9.7% slope and side flare slopes of 20.8%. There is no level landing. The 3/4" unbeveled lip leads to a gutter slope of 13.2%.
Recommend:
18. The Southeast corner of Via Aurora and Alicia has a ramp with a 10.2% slope and side flare slopes of 16.9%. There is no level landing area. The 3/4" unbeveled lip leads to a downward gutter slope of 4.8%.
Recommend:

19. The Southwest corner of Via Aurora and Alicia has a 10.2% slope and side flare slopes of 23.6. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 11.5%.
Recommend:
20. The Northwest corner of Via Aurora and Alicia has a ramp with an 11.5% slope and side flare slopes of 30.5%. The landing area is part of the sidewalk and has a cross slope of 11.9%. The 1" unbeveled lip leads to a gutter slope of 13.5%.
Recommend:
21. The Northeast corner of Via Aurora and Alicia has a ramp with a 10.7% slope and side flare slopes of 18.5%. The landing area is part of the sidewalk and has a cross slope of 3.6%. The 1" unbeveled lip leads to a gutter slope of 8.9%.
Recommend:
22. Via Burgos and Alicia has no curb cuts. There is no path of travel to the North from the South side of Alicia.
Recommend:
23. Via Leon and Alicia has no curb cuts and no path of travel to the South from the North side of Alicia.
Recommend:
24. Montebello and Alicia has no curb cuts. There is no path of travel to the North from the South side of Alicia.
Recommend:
25. Via Logrono and Alicia has no curb cuts. There is no path of travel to the South from the North side of Alicia.
Recommend:
26. The Northeast corner of Coronel and Alicia has a ramp with a 10.7% slope and side flare slopes of 21.8%. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 5.4%. The ramp has S.I.M.s.
Recommend:
27. The Northwest corner of Coronel and Alicia has a ramp with a 10.4% slope and side flare slopes of 36%. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 16%. The ramp has S.I.M.s.
Recommend:
28. The Southwest corner of Coronel and Alicia has a ramp built on a down sloped sidewalk that slopes 17.7%. The ramp slope is 8.5%. The side flare slopes are 35.2%. There is no level landing area. The ¾" unbeveled lip leads to a gutter slope of 15.1% The ramp has S.I.M.s.
Recommend:
29. The Southeast corner of Coronel and Alicia has a ramp with a 10.6% slope and side flare slopes of 23.1%. There is no level landing area. The ¾" unbeveled lip leads to a downward gutter slope of 7.1%. The ramp has S.I.M.s.
Recommend:

30. The Northeast corner of Via Linda and Alicia has a ramp with a 13% slope and side flare slopes of 21.6%. The landing area is part of the sidewalk and has a cross slope of 4.8%. The ¾" unbeveled lip leads to a gutter downward slope of 5.6%.
Recommend:
31. The Northwest corner of Via Linda and Alicia has a ramp with a 10.4% slope and side flare slopes of 27.3%. The landing area is part of the sidewalk and has a cross slope of 11.5%. The ¾" unbeveled lip leads to a gutter slope of 11.8%.
Recommend:
32. The Southwest corner of Via Linda and Alicia has a ramp with a 15.4% slope and side flare slopes of 22.4%. The ramp is part of a 4'6" wide sidewalk. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 10.5%. There is no path of travel on the Southeast corner to the Northeast corner of Alicia and there is no curb cut.
Recommend:
33. The Southwest corner of Via Fabricante and Alicia has a non-complying ramp because of its small triangular shape. It is part of the sidewalk. There is no level landing.
Recommend:
34. The Southeast corner of Via Fabricante and Alicia has a non-complying ramp because of its triangular shape. It is part of the sidewalk. There is no level landing.
Recommend:
35. The entry to Gateway Center Mall should not be surveyed as part of the City of Mission Viejo.
36. The Northeast corner of Via Fabricante and Alicia has a ramp with a 12.4% slope and side flare slopes of 25.1%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 17.7%.
Recommend:
37. The Northwest corner of Via Fabricante and Alicia has a ramp with an 11.1% slope and side flare slopes of 13.6%. There is no level landing. The 1" unbeveled lip leads to a gutter slope of 6.2%.
Recommend:

CROWN VALLEY

1. The Southwest corner of Mission Viejo Mall and Crown Valley has a ramp with a 10.8% slope and side flare slopes of 30%. There is no level landing area. The ¾" unbeveled lip leads to a downward gutter slope of 1.3%.
Recommend:
2. The Southeast corner of Mission Viejo Mall and Crown Valley has a ramp with an 11.1% slope and side flare slopes of 26.9%. There is no level landing. The ¾" unbeveled lip leads to a downward gutter slope of 3.1%.
Recommend:
3. The Northeast corner of Puerta Real and Crown Valley has a ramp with a 10.1% slope and side flare slopes of 28.6%. There is no level landing area. The ¾" unbeveled lip leads to a gutter downward slope of 3.8%.
Recommend:
4. The Northwest corner of Puerta Real and Crown Valley has a ramp with an 8.8% slope and side flare slopes of 26.1%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 12.8%.
Recommend:
5. The Southwest corner of Medical Center Drive and Crown Valley has a ramp with a 9.3% slope and side flare slopes of 28.8%. There is a landing area with a cross slope of 4.8%. The ¾" unbeveled lip leads to a gutter slope of 11.4%.
Recommend:
6. The Southeast corner of Medical Center Drive and Crown Valley has a ramp with a 12.6% slope and side flare slopes of 26.3%. The landing area has a cross slope of 3.1%. The ¾" unbeveled lip leads to a gutter downslope of 5.8%.
Recommend:
7. The Northeast corner of El Regateo and Crown Valley has a ramp with a 12.7% slope and side flare slopes of 22.4%. The landing area has a cross slope of 5%. The 1" unbeveled lip leads to a gutter slope of 9.2%.
Recommend:
8. The Northwest corner of El Regateo and Crown Valley has a 9.7% slope and side flare slopes of 18.6%. The 1" unbeveled lip leads to a gutter slope of 16.1%.
Recommend:
9. The Southeast corner of Los Altos and Crown Valley has a ramp with an 11.5% slope and side flare slopes of 21.3%. The landing has a cross slope of 6.5%. The ¾" unbeveled lip leads to a downward gutter slope of 5.4%.
Recommend:
10. The Southwest corner of Los Altos and Crown Valley has a ramp with an 8.4% slope and side flare slopes of 26.6%. The landing area has a cross slope of 7.4%. The ½" unbeveled lip leads to a gutter slope of 6.6%.
Recommend:

11. The Northwest corner of Los Altos and Crown Valley has a ramp with an 11% slope and side flare slopes of 27.7%. The landing area has a cross slope of 8.4%. The ¾" unbeveled lip leads to a gutter slope of 14.3%.
Recommend:
12. The Northeast corner of Los Altos and Crown Valley has a ramp with a 14.9% slope and side flare slopes of 24.1%. The landing area has a cross slope of 4%. The ½" unbeveled lip leads to a gutter slope of 9.1%.
Recommend:
13. The Northwest corner of Bellogente and Crown Valley has a ramp with an 8.6% slope and side flare slopes of 24.4%. The landing area has a cross slope of 7.3%. The ½" unbeveled lip leads to a gutter slope of 14.2%.
Recommend:
14. The Northeast corner of Bellogente and Crown Valley has a ramp with an 11.2% slope and side flare slopes of 26.8%. The landing area has a cross slope of 7.5%. The ½" unbeveled lip leads to a gutter slope of 7.1%.
Recommend:
15. The Southeast corner of Bellogente and Crown Valley has a ramp with a 12.8% slope and side flare slopes of 31.9%. The landing area has a cross slope of 11%. The ½" unbeveled lip leads to a gutter slope of 11.7%.
Recommend:
16. The Southwest corner of Bellogente and Crown Valley has a ramp with a complying slope that has an impeded landing area. The side flare slopes are 24.7%. The ¾" unbeveled lip leads to a gutter slope of 13.1%.
Recommend:

LOS ALISOS

1. The Southwest corner of Madero and Los Alisos has a ramp with a 10.6% slope and side flare slopes of 22.1% and 13.6%. The landing is part of the sidewalk and has a cross slope of 4.5%. The ¾" unbeveled lip leads to a gutter slope of 6.9%.
Recommend:
2. The Southeast corner of Madero and Los Alisos has a ramp with a 10% slope and side flare slopes of 17.8% and 17.1%. The landing area is part of the sidewalk and has a cross slope of 3.5%. The ¾" unbeveled lip leads to a downward slope of 5.4%.
Recommend:
3. The Northeast corner of Madero and Los Alisos has a ramp with an 11.2% slope and side flare slopes of 14.7% and 14.2%. The 4' landing area is part of the sidewalk and has a cross slope of 3.5%. The ¾" unbeveled lip leads to a downward gutter slope of 2.1%.
Recommend:
4. The Northwest corner of Madero and Los Alisos has a ramp with a 9.1% slope and side flare slopes of 18.1% and 18.9%. The 4' landing area is part of the sidewalk and has a cross slope of 3.3%. The ¾" unbeveled lip leads to a gutter slope of 5.4%.
Recommend:
5. Via Pera and Los Alisos has no curb cuts. There is no path of travel North to South across Los Alisos.
Recommend:
6. Via Pimiento and Los Alisos has no curb cuts. There is no path of travel North to South across Los Alisos.
Recommend:
7. The Southwest corner of Vallejo and Los Alisos has a ramp with an 8.5% slope and side flare slopes of 23.2% and 12.1%. The 4' wide landing area has a cross slope of 5.4%. The ¾" unbeveled lip leads to a gutter slope of 9.2%.
Recommend:
8. The Southeast corner of Vallejo and Los Alisos has a ramp with a 10% slope and side flare slopes of 18.8% and 14.2%. The landing area has a cross slope of 3.2%. The ½" unbeveled lip leads to a downward gutter slope of 4.6%.
Recommend:
9. The Northeast corner of Vallejo and Los Alisos has a ramp which is part of the sidewalk and is 4'6" wide. The slope of the ramp is 15.1% and the side flare slopes are 14.7% and 22.2%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 10.5%. There is no path of travel from Northwest to Southwest across Los Alisos.
Recommend:

10. The Northeast corner of Via Damasco and Los Alisos has a ramp with a 9.3% slope and side flare slopes of 14.2% and 13%. There is no level landing area. The 1¼" unbeveled lip leads to a downward gutter slope of 5.4%.
Recommend:
11. The Northwest corner of Via Damasco and Los Alisos has a ramp with a 9.4% slope and side flare slopes of 8.8% and 20.1%. There is no level landing area. The 1¼" unbeveled lip leads to a gutter slope of 11.4%. There is no path of travel from the North to the South across Los Alisos.
Recommend:
12. Via Alcalá and Los Alisos has no curb cuts and no path of travel from the South to the North across Los Alisos.
Recommend:
13. The Southwest corner of Via Santa Lucia and Los Alisos has a ramp with a 10.3% slope and side flare slopes of 22.2% and 1.6%. There is no level landing area. The 1" unbeveled lip leads to a gutter slope of 12%.
Recommend:
14. The Southeast corner of Via Santa Lucia and Los Alisos has a ramp with a 10.2% slope and side flare slopes of 15.4%. There is no level landing. The 1¼" unbeveled lip leads to a gutter slope of 13.9%.
Recommend:
15. The Southwest corner of Via Noveno and Los Alisos has a ramp with a 9.4% slope and side flare slopes of 17.8% and 13.3%. The landing area has a cross slope of 3.3%. The 1" unbeveled lip leads to a gutter slope of 15.4%.
Recommend:
16. The Southeast corner of Via Noveno and Los Alisos has a ramp with an 11.1% slope and side flare slopes of 13.6% and 16.5%. The landing area has a cross slope of 2.5%. The ¾" unbeveled lip leads to a gutter slope of 14.9%. There is no path of travel signage on any of the four street corners.
Recommend:
17. The Northeast corner of Via Noveno and Los Alisos has a ramp with an 11.5% slope and side flare slopes of 17.4% and 18.4%. The landing area has a cross slope of 2.4%. The 1" unbeveled lip leads to a gutter slope of 15.3%.
Recommend:
18. The Northwest corner of Via Noveno and Los Alisos has a ramp with a 9.2% slope and side flare slopes of 17.7% and 18%. The landing area has a cross slope of 2.6%. The ¾" unbeveled lip leads to a gutter slope of 14.8%.
Recommend:
19. The Southwest corner of Vista Del Lago and Los Alisos has a ramp with an 8.6% slope and side flare slopes of 19.5% and 13.7%. There is no level landing. The ¾" unbeveled lip leads to a gutter slope of 12.4%.
Recommend:

20. The Southeast corner of Vista Del Lago and Los Alisos has a ramp with a 10.6% slope and side flare slopes of 16.4% and 16.9%. There is no level landing. The ½" unbeveled lip leads to a gutter slope of 11.3%.
Recommend:
21. The Northeast corner of Vista Del Lago and Los Alisos has side flare slopes of 14.9% and 17.5%. There is no level landing area. The ½" unbeveled lip leads to a gutter slope of 15.8%.
Recommend:
22. The Northwest corner of Vista Del Lago and Los Alisos has side flare slopes of 19% and 16.8%. There is no level landing area. The ¾" unbeveled lip leads to a gutter slope of 13%.
Recommend:
23. The Northeast corner of Entidad and Los Alisos has a ramp with a 9.1% slope and side flare slopes of 12.5% and 17.8%. The landing area has a cross slope of 3.6%. The 1" unbeveled lip leads to a gutter slope of 12.4%.
Recommend:
24. The Northwest corner of Entidad and Los Alisos has a ramp with a 9.1% slope and side flare slopes of 15.4% and 13.5%. The 1" unbeveled lip leads to a gutter slope of 12.4%. There is no path of travel from the North to the South across Los Alisos.
Recommend:
25. The Northeast corner of Cordova and Los Alisos has a ramp with a 10.4% slope and side flare slopes of 16.8% and 20.2%. The 1" unbeveled lip leads to a gutter slope of 13.6%.
Recommend:
26. The Northwest corner of Cordova and Los Alisos has a ramp with a 10.6% slope and side flare slopes of 12.7% and 17.7%. The 1" unbeveled lip leads to a gutter slope of 13.2%.
Recommend:
27. The Southwest corner of Cordova and Los Alisos has a ramp with a 10.5% slope and side flare slopes of 23% and 17.4%. The landing area has a cross slope of 3%. The ½" unbeveled lip leads to a gutter slope of 13%.
Recommend:
28. The Southeast corner of Cordova and Los Alisos has a ramp with a 10.2% slope and side flare slopes of 21.2% and 20.6%. The ¾" unbeveled lip leads to a gutter slope of 11.3%.
Recommend:
29. The Southwest corner of Santa Margarita and Los Alisos has a ramp with a 9.9% slope and side flare slopes of 26.6% and 20.8%. The landing area has a cross slope of 2.6%. The ¾" unbeveled lip leads to a gutter slope of 10.4%.
Recommend:

30. The Southeast corner of Santa Margarita and Los Alisos has a ramp with a 10.2% slope and side flare slopes of 28% and 22.1%. The landing area has a cross slope of 2.4%. The ¾" unbeveled lip leads to a gutter slope of 9%.
Recommend:
31. The Northeast corner of Santa Margarita and Los Alisos has a ramp with a 10.2% slope and side flare slopes of 25% and 26.1%. The 1" unbeveled lip leads to a gutter slope of 6.4%.
Recommend:
32. The Northwest corner of Santa Margarita and Los Alisos has a ramp with a 10.5% slope and side flare slopes of 20.8% and 23.7%. The landing area has a cross slope of 2.4%. The ¾" unbeveled lip leads to a gutter slope of 10.8%.
Recommend:
33. The Northeast corner of Boxwood Lane and Los Alisos has a ramp with an 11% slope and side flare slopes of 30.1% and 7.2%. The cross slope of the ramp is 10.2%. There is no level landing area. The ½" unbeveled lip leads to a gutter slope of 13.2%.
Recommend:
34. The Northwest corner of Boxwood Lane and Los Alisos has a ramp with a 9.5% slope and side flare slopes of 27.8% and 8.5%. The landing area has a cross slope of 9.9%. The 1" unbeveled lip leads to a gutter slope of 10.4%. There is no path of travel from the North to the South across Los Alisos.
Recommend:
35. The Southeast corner of Fuchsia and Los Alisos has a ramp with an 11.3% slope and side flare slopes of 26.4% and 12.4%. The landing area has a cross slope of 4.1%. The ½" unbeveled lip leads to a gutter slope of 3.9%.
Recommend:
36. The Southwest corner of Fuchsia and Los Alisos has a ramp with an 8.8% slope and side flare slopes of 24.5% and 12.2%. The landing area has a cross slope of 7%. There is a ¾" unbeveled lip at bottom of the ramp leading to a gutter with a slope of 9.5%. There is no path of travel from South to North across Los Alisos.
Recommend:
37. The Northwest corner of Pinetree Lane and Los Alisos has a ramp with a 9.4% slope and side flare slopes of 17.4% and 20.7%. The landing area has a cross slope of 2.5%. The ¾" unbeveled lip leads to a gutter slope of 11.4%.
Recommend:
38. The Northeast side of Pinetree Lane and Los Alisos has a ramp with a 10.7% slope and side flare slopes of 21.9% and 14.1%. The Landing area has a cross slope of 4.6%. The ¾" unbeveled lip leads to a gutter slope of 7.9%. There is no path of travel from the North to the South across Los Alisos.
Recommend:

AVERY PARKWAY

1. The Southwest corner of Plata Place and Avery has a ramp with a 10.1% slope and side flares of 34.3% and 8.9%. There is no level landing. The ramp is part of the sidewalk and the cross slope on the ramp is 23.5%. The ½" unbeveled lip leads to a gutter slope measuring between 8.7% and 14%.
Recommend:
2. The Southeast corner of Plata Place and Avery has a ramp with a 13.7% slope and side flare slopes of 24.3% and 15.1%. There is no level landing area. The ramp cross slope is 14.5%. The ¾" unbeveled lip leads to a downward gutter slope of 3.9%.
Recommend:
3. The Northeast corner of Avery and College Entry has a ramp with a 12.8% slope and side flare slopes of 30.9% and 16%. The landing area is 4' wide and has a cross slope of 7.7%. The ½" to 3" unbeveled lip leads to a downward gutter slope of 12.2%.
Recommend:
4. The Northwest corner of Avery and College Entry has a ramp with an 11.4% slope and side flare slopes of 34.6% and 2.7%. The landing area is 4' wide and has a cross slope of 14.8%. The ¾" unbeveled lip leads to a gutter slope of 6.2%.
Recommend:
5. Los Ondas and Avery has no curb cuts. There is no path of travel from the North to the South across Avery Parkway.
Recommend:
6. Oliva and Avery has no curb cuts. There is no path of travel from the South to the North across Avery Parkway.
Recommend:

SECTION IV

SITE REVIEW OF 28 PARKS

ALICIA PARK

ALICIA PARKWAY AND VIA LINDA

1. There are curb cut ramps at the corners of the public streets. The curb cut ramps are approximately 300' from the park entry path of travel. There is no off street parking.
Recommend: Information
2. There is a sidewalk and a level grass access to all sports facilities and seating areas. The distance from the sidewalk to the different activities varies from 20' to 80', S/B a firm path of travel to all activities.
Recommend: I, for a percentage of activities.
3. The entry gates to the playing fields do not have kick plates at the bottom of the push side of the gates.
Recommend: I,
4. The picnic tables (ten of them) have 27" clearances for accessibility.
Recommend: Acceptable
5. **THE WOMEN'S RESTROOM:**
 - a. The women's restroom has a wrought iron gate with the latch 60" AFF, S/B 48" maximum.
Recommend:
 - b. The toilet area is 39" wide x 31" from the front of the toilet to the door when closed, S/B 32" beside and 48" in front of the water closet. The door opens out, S/B a 32" clear opening.
Recommend: I,
 - c. The toilet is 15" high and it should be 17" to 19" maximum.
Recommend:III,
 - d. There is a grab bar only on the right side and it is 1 3/4" from the wall and it should be 1 1/2".
Recommend: III,
 - e. The push button flush on the back wall is not accessible.
Recommend: III,
 - f. The toilet paper dispenser is 24" from the front of the commode and it should be 12" maximum.
Recommend: I,

- g. The sink has a single faucet at the center of the basin and a 26 1/2" clearance under the sink, S/B 29" AFF. It has a push faucet which exceeds the five pound pressure and does not stay open 10 seconds.
Recommend: I,
- h. The electric hand dryer button is 51 1/2" AFF, S/B 40" maximum.
Recommend: I,
- 6. The public telephone has no hearing impaired volume control.
Recommend: I,
- 7. The water fountain has a 38" high bubbler, S/B 36" maximum.
Recommend: IV

- 8. **THE MEN'S RESTROOM:**
 - a. Same as the women's except for the urinal and the water closet.
Recommend: Same recommendations.
 - b. The urinal is 20" high, S/B 17" maximum AFF. The flush button is 49" AFF, S/B 44" maximum.
Recommend: IV,
 - c. The water closet area has a 33 1/2" x 80" area from the toilet to the wall. This is an open area with a door and noncomplying grab bars.
Recommend: I,
 - d. The tot lot area has a pit area approximately 12" deep. There are steps but no ramp. There is one large wooden structure with three different levels and one slide. It is semi-accessible if there were a firm path of travel to it.
Recommend: I,

AURORA PARK MARGUERITE AND VIA GAUDIX

1. There is an entry from Via Gaudix to the basketball court and the tot lot at the southwest corner of the park. It is about 40" to the basketball court and the slope of the sidewalk is 10% for about 10', S/B 8.33% maximum. It exceeds 6.66% for about 30' and it requires handrails.
Recommend: I,
2. The stairway to the tot lot has 11 steps with handrails. The handrails extend 5" past the top tread and bottom tread, S/B 12" past the top tread and 24" past the bottom tread. There are no tread markings, S/B tread markings on each tread.
Recommend: I,
3. The sidewalk to the east of the tot lot is about 140' with slopes between 5.7% and 9.5%, S/B 8.33% and handrails where the slope exceeds 6.66%.
Recommend: I,
4. The tot lot is located in a 10" deep sand pit, there is a large metal and plastic toy with slides and climbing areas. There is no ramp accessibility and the toy is noncomplying.
Recommend: I,
5. The water fountain push button is flush, should protrude.
Recommend: III,
6. The volleyball court is in a 10" deep sand pit, there is grass access and no ramp into sand pit.
Recommend: III,
7. The curb cut on Via Gaudix opposite Abeto (?) street has a 15.2% slope, S/B 8.33% maximum. The side flare slopes are 18.2% and 19.1%, S/B 10% maximum. The bottom lip is 1/2" unbeveled, S/B beveled, to an upward sloping gutter of 8.7%.
Recommend: I,
8. There is an entry to the park at this point (sidewalk) leading to three picnic tables and the volleyball court. The picnic tables and volleyball court sidewalk are accessible by grass only. The distance varies from 20' to 60'.
Recommend: I,
9. The stairs from the upper improved park to the lower wilderness area 42 steps with handrails. The handrail extensions are about 5" at the top and bottom, S/B 12" past the top tread and 24" past the bottom tread. There are no sight impaired markings on each tread.
Recommend: I,
10. The park sidewalk from Via Gaudix (Southwest corner) through the park to the exit at Marguerite and Via Gaudix is about 1200' long. The slopes vary from level to about 10.5%, S/B 8.33% maximum and handrails where the slope exceeds 6.66%.
Recommend: I,

WILDERNESS AREA

1. There is an entry on Marguerite Parkway, the sidewalk is approximately 70' to a stairway. The stairway has 21 steps, the handrail extensions extend 6" past the top tread, S/B 12", and extension is approximately 7", S/B 24". There are no sight impaired tread markings, S/B tread markings on each tread. The sidewalk continues and joins another sidewalk, one going east to the upper level and the other going west to another set of stairs. The stairway to the west has about 22 steps with a landing at every second or third step. The handrails are not continuous, S/B for safety. The handrail extensions at the top and bottom are than 4" to 5", S/B 12" at the top and 24" at the bottom.
Recommend: I,
2. There is another stairway which turns 90 degrees leading to a street named Balare (?). There are no tread markings on any of these steps, S/B sight impaired tread markings.
Recommend: I,
3. A sidewalk continues about 1000' into the wilderness area. It is a winding sidewalk, with slopes varying from 4.5% and 11.2%, S/B 8.33% maximum. There are no handrails on this path of travel sidewalk, S/B handrails where the slope exceeds 6.66%.
Recommend: I,

BARBADANES PARK

1. There are two entries to this park. One is on Felipe Road and it is approximately 200' long with a 9.0% slope, S/B 8.33% maximum. There isn't a firm path of travel to the picnic area, except over the grass from this sidewalk. There isn't a curb cut adjacent to this entry.
Recommend: II,
2. The sidewalk from Barbadanes is accessible with a curb cut that has an 11.4% slope, S/B 8.33% maximum. One side flare complies, the other side flare has a 22.5% slope. The bottom lip is 3/4" unbeveled, S/B 1/2" and beveled, to an upward gutter slope of 9.0%. The curb cut creates a cross slope on the sidewalk of 8.3%, S/B 2% maximum.
Recommend: I,
3. There are five picnic tables. The closest one to the sidewalk is about 25'. The farthest is approximately 600'. They are not accessible, except over the grass.
Recommend: II,

CASTILLE PARK

1. The main entry to the park does not have a curb cut/ramp. It is about 100' to the tot lot area with a slide, swings and metal ladders. The pit area is about 12" deep and has two stairways into the pit, S/B a ramp.
Recommend: I,
2. The big toy does not have a firm path of travel to it. The big toy is about 33' from the sidewalk, accessed on grass only. It is in a 3" deep sand area.
Recommend: I,
3. The sidewalk from the tot lot area to the volleyball area is about 300'. The courts are recessed 6" , S/B a ramp.
Recommend: III,
4. The three barbecue's and five picnic tables are accessible by grass only.
Recommend: II,
5. There is a path of travel from El Roxio and Cebrero to Castille Park without a curb cut/ramp. It is about 90' long. There are intersecting paths of travel. The slope of the path of travel varies from 0% to 16.8%.
Recommend: I,
6. The path of travel to the school area is about 100' with a 12.5% slope, S/B 8.33% maximum and handrails when the slope exceeds 6.66%, for the first 20".
Recommend: I,
7. The path of travel from the school entry to the tot lot area is about 425".
Recommend: Information
8. The path of travel from El Rocio entry is about 450" to the connecting path of travel at the main entry.
Recommend: Information

CHRISTOPHER PARK

1. There are two entrances to the park from Valpariso Street. On the west side there isn't a curb cut / ramp near either entry. The west side has stairs with ten steps. The handrails have a 24" top extension but none at the bottom, S/B 24" past the bottom tread.
Recommend: I,
2. The ramp at the bottom of the stairway is approximately 60' long with a 15.2% slope on the first 10'.
Recommend: IV,
3. The entry at the East side of the park does not have a curb cut / ramp. The sidewalk to the tot lot area is approximately 250' long. The tot lot area has slides, swings, an obstacle tube and a chain bridge. The area is in an 8" deep sand area. There are no ramps at either side, S/B ramps and a firm surface to the play equipment.
Recommend: I,
4. The left side of the walk has an accessible basketball court.
Recommend: Information
5. There is a practice soccer field with no firm access (grass only) for the mobility impaired.
Recommend: II,
6. The main sidewalk continues approximately 400' to Via Alcala. There is no curb cut ramp near this entrance.
Recommend: Information
7. The park has two picnic tables which are not accessible, except over grass.
Recommend: II,

COLINAS/ESCORIAL PARK

This park is bordered by Trabuco Road on the west and it is accessible by Via San Gabriel and Via Escorial.

1. At Via San Gabriel there is a small, green space area with two picnic tables which are accessible over grass only.
Recommend: II,
2. At Via Escorial there are two picnic tables, they are accessed by grass only. At the west end of this grass area is a foot path (dirt) which is about 1/2 mile long, it comes out on Via Bahia. This foot path cannot be made accessible because of the excessive slopes. About 150' from the above described path of travel is an asphalt vehicle path of travel which leads up to two water tanks. This also has varying slopes, however, none of them comply because they are in excess of 25%. There are no playground, tot lots or sports facilities in this area.
Recommend: IV,
3. At Via Trecros there is a curb cut and a sidewalk for pedestrians and vehicles. This curb cut is about 5' long and has a 15.9% slope, S/B 8.33% maximum. The bottom lip is about 2" unbeveled, S/B 1/2" and bevelled. One side flare conforms, the other side has a 21.4% slope. The upward gutter slope is about 9.8%.
Recommend: I,
4. At this combination driveway, sidewalk entrance off of Via Trecros, there are posts blocking access for other vehicles. They have a 25" and a 26" opening, S/B 36" minimum.
Recommend: I,
5. The sidewalk continues past the posts and into the park. The slope varies from 10% to 12% for about 15' to 20', S/B 8.33% maximum, before it levels out to a more level area with a greenbelt.
Recommend: I,
6. The sidewalk leading south is a winding sidewalk and it's possible that park vehicles use this.
Recommend: Information
7. There are two picnic tables on in the green belt which are accessible only over grass, S/B firm surface.
Recommend: II,
8. There is a tot lot near the south end with an 8" to 10" deep recess sand area without complying ramps;
Recommend: I,
9. There is a volleyball court which is in a 6" deep sand pit, without a ramp.
Recommend: II,

10. Beyond the volleyball court there is a green area with a baseball or soccer field. There is an adjacent sidewalk which goes to the west side and it has three steps with a handrail on one side only and noncomplying extensions, S/B both sides and complying extension. There are no tread markings.
Recommend: I,
11. Those stairs lead to a ramp which is about 150' long with no handrails, S/B handrails when the slope exceeds 6.66%, with slopes varying from 8.3% and 9.1%.
Recommend: II,
12. At the bottom of the ramp, there are two steps down to a landing which turns 180 degrees to another two step landing. The two steps have grab bars on one side only and they do not comply because they do not have the proper extensions or tread markings nor handrails on both sides.
Recommend: I,
13. At the southeast end of this park there is a path of travel leading up to via Aurora. This path of travel is a rough asphalt and it slopes varying between 8.9% and 15.6%, S/B 8.33% maximum and handrails when slope exceeds 6.66%.
Recommend: IV,
14. The sidewalk is about 250' long to Via Aurora. There are posts which do not provide a 36" wide path of travel.
Recommend: I,

(It has not been determined whether this area is part of the school or part of the park.)

CORDOVA PARK

1. The entry to the park from Nogal is via an asphalt access road without a nearby curb cut ramp from the public street. The first 25' of sidewalk to the tot lot area has a 6.9% slope. There are no hand rails, S/B when the slope exceeds 6.66%.
Recommend: IV,
2. The sidewalk to the tot lot area has a 9.9% slope. It is 20' long to the play area with a 10" deep drop to the sand area, should have a ramp.
Recommend: I,
3. The tot lot area has slides, coil spring riding toys, a big toy and swings. The toys are not accessible, S/B accessible.
Recommend: I,
4. The back area of the tot lot area has nine steps without sight impaired tread markings, S/B tread markings on each tread for the visually impaired. The under cut tread nosing is 1 1/2" and tapered. Each step has a 5 1/2" rise and each tread is 32" long. These steps lead to El Retiro Street. It is approximately 150' long to the public sidewalk. There is no curb cut ramp at the public street.
Recommend: I,
5. There is a soccer field, one volleyball court and one baseball cage. One must cross a grassy area to reach the playing fields, S/B a firm path of travel.
Recommend: II,
6. This area has seven picnic tables and seven barbecue grills that are reasonably accessible.
Recommend: Information
7. The main access road from Nogal to Tossamar is approximately 3,200' long and it has path of travel areas to Pinuela, Cipres, Cedros, Huerta and Moro. The Moro sidewalk has a 15.1% slope, S/B 8.33% maximum.
Recommend: I,
8. Just west of Encinas there are paths of travel on either side of the access road. The one leads to the north and is approximately 500' long. It exits at Campo Moro and Ayamonte. It has a cross slope of 10.4%, S/B 2% maximum. The uphill side has no handrail. The down slope side has a guard rail which is 55" AFF, S/B handrails on both sides with 12" extensions beyond the top and bottom and between 30" and 34" AFF.
Recommend: I,
9. The sidewalk to the South has a 21.1% slope, S/B 8.33% maximum, for the first 25' then it veers 90 degrees to the left. It goes uphill with a slope of 10.7%, S/B 8.33% maximum and handrails on both sides. This sidewalk is about 350' long and it exits at the school grounds. There are no handrails on this path of travel, S/B handrails when the slope exceeds 6.66%.
Recommend: I for handrails. III for excessive slopes.

10. There is a path of travel to Encinas. It's about 60' long with a 13.0% slope, S/B 8.33% maximum and handrails.
Recommend: I for handrails, III for slope.
11. There is a curb cut ramp at Benidorm with a 13.4% slope, S/B 8.33% maximum and handrails. The side flares comply. The ramp lip is 1/4" unbeveled to a gutter slope of 8.7%.
Recommend: I,
12. The sidewalk is 5' wide to a 2 1/4" unbeveled raised area, S/B smooth surface. It is an asphalt sidewalk. The access road from Benidorm has a 9.3% slope for the first 100', the slope is acceptable but there S/B handrails on both sides.
Recommend: I,
13. There are three paths of travel from the access road to Sombras Street. 1). The east side path of travel has a 21.3% slope, S/B 8.33% maximum and handrails, to a 13% cross slope of 13.3% for about 30'. 2). The center path of travel is approximately 20' long with a 15.8% slope at the top of the path of travel from the access road and a 35% slope to the sidewalk on Sombras, S/B 8.33% maximum and handrails. 3). The west path of travel is about 40' long with a 12.1% slope, S/B 8.33% maximum and handrails.
Recommend: I,

CORONADO PARK

1. There are two sidewalk entries to the park. One is from Los Ondos and the other is from El Mio. There are no curb cut / ramps on the street near either entry. They both are approximately 100' long to an intersecting sidewalk which is approximately 85' long to a sidewalk which leads to the tot lot area.
Recommend: Information
2. The tot lot area is approximately 100' from the entrance. There is a curb around the tot lot. There is a sand area which has slides, swings, monkey bars and obstacle bridges, not accessible. There isn't a ramped access.
Recommend: I,
3. There are three picnic tables about 35' to 75' from the sidewalk over a grassy area, S/B a firm surface. The picnic tables themselves are accessible.
Recommend: I,
4. The horseshoe shaped sidewalk from the tot lot to the east side of the park is approximately 250' long to one street. The other sidewalk is approximately 450' long, and it does not have a curb cut ramp at the public street.
Recommend: Information
5. The volleyball area is approximately 30' from the sidewalk and it is accessible over the grass only, S/B a firm surface.
Recommend: II,
6. The water fountain knee clearance is 28" high. The button is flush with the exterior surface. The frontal knee clearance is 21 1/2", S/B 27".
Recommend: II,

CRUCERO PARK

1. The sidewalk at the southwest corner of Crucero is hard surfaced but does not have a curb cut ramp on the public street. This sidewalk is about 80' to a "Y", with a 7.3 % slope without handrails, S/B handrail when the slope exceeds 6.66%.
Recommend: III,
2. There is a basketball court which is about 8' from the sidewalk over a grass surface, S/B a firm surface.
Recommend: II,
3. The other sidewalk to the northwest corner from the "Y" is about 170' long to the public sidewalk, there isn't a curb cut ramp from Camargo. The path of travel has a 8.8% slope on the last 20', The slope is acceptable but there S/B handrails.
Recommend: I,
4. The split to the north is about 70' long to the tot lot area. The south side of the tot lot area has a 6" drop to the mini-tot area of sand surface. There are no ramps, S/B a complying ramp.
Recommend: I,
5. The tot lot has slides, swings, big toy and steel frame toy which is recessed 12" to a sand surface. There are no ramps, S/B a complying ramp. The toys do not fully comply.
Recommend: I,
6. At the center of the tot lot area is a picnic area with two tables. They are accessible by a grass surface, S/B a firm surface.
Recommend: II,
7. The hard surfaced path of travel to the sidewalk on Camargo and Seda is about 250' long with a 10.5% slope at the final 30', S/B 8.33% maximum and complying handrails.
Recommend: I,
8. At the corner of Camargo and Crucero on the northeast corner of the park is a curb cut ramp with a 14.7% slope, S/B 8.33% maximum. The side flare are 15.8% and 21.3%, S/B 10% maximum. The bottom lip is 1" unbeveled, S/B 1/2" and beveled, to an upward gutter slope of 12.9%.
Recommend: I,
9. There is a hard surfaced path of travel from this entrance which is about 140' long to a rest area, there is a 10.4% slope at the last 50', S/B 8.33% maximum and handrails.
Recommend: I,
10. The park has one soccer and one baseball field. There isn't an accessible path of travel to these areas, except over grass, S/B a firm surface. This area could be made accessible.
Recommend: I,

DEL LAGO PARK

1. The entry from Boltana Street is the only accessible path of travel to the park. The street curb cut ramp has a 15.4% slope, S/B 8.33% maximum. The side flare slopes are 12.8% and 15.8%, S/B 10% maximum. The bottom lip is 3/4" unbeveled, S/B 1/2" and beveled to an upward sloping gutter of 6.2%.
Recommend: I,
2. The path of travel crosses a rain gutter with a 9.7% downward slope to an upward slope of 21.6%, S/B 8.33% maximum. This path of travel is about 450' to the sidewalk on Marguerite Parkway which is 10.2% slope, S/B 8.33% and handrails. Most of the path of travel has a cross slope of 6.7%, S/B 2% maximum. There is a rain gutter with slopes between 30.4% and 24.4% on either side. There are no guard rails on the rain gutter side.
Recommend: I, Information
3. At about 225' into the park is a concrete sidewalk to the tot lot area on the east, a basketball court and a baseball cage to the right. The sidewalk to the basketball court and the baseball cage is about 210' long. There is access to the basketball court but not to the baseball field, except on grass, S/B a firm surface.
Recommend: II,
4. The tot lot area has a big toy, slides and spring toys in a 10" deep sand area without complying ramps, S/B ramps. Most of the toys are noncomplying.
Recommend: I,
5. There are two picnic tables near the tot lot area and they are accessible by a grass surface, S/B a firm surface.
Recommend: II,
6. There is a path of travel to Marguerite Parkway from the tot lot area which is about 100' long and which turns 150 degrees to a slope of 15.0%, S/B 8.33% maximum and handrails.
Recommend: I, for handrails. III for slope.
7. There is a continuing path of travel from the tot lot to Vista Del Lago of about 370' to the public sidewalk. There isn't a curb cut at the street.
Recommend: Information
8. There is a sidewalk from Baltar that intersects the one to Boltana. There is no curb cut ramp at Boltana, the sidewalk is over a sewer.
Recommend: Information

EL DORADO PARK

1. The entry from Carrillo to the tot lot does not have a curb cut ramp at the street. On the west side of the sidewalk are swings and obstacle pipe, they are in a 6" deep recessed area without an access ramp, S/B a ramp. On the west side of the path of travel are slides, a big toy, spring rides and the rope obstacle course area which is located in an 8" deep recessed sand pit without an access ramp, S/B a complying ramp.
Recommend: I,
2. This area has three picnic tables and they are off the sidewalk area, accessed by grass only, S/B a firm Surface.
Recommend: II,
3. Adjacent to the school there are two baseball playing areas and a soccer field. They are not accessible from the sidewalk area.
Recommend: II,
4. There are two softball fields adjacent to the baseball area and they are not accessible from the sidewalk.
Recommend: II,
5. The water fountain push button is flush with the fountain, should protrude.
Recommend: IV,
6. The sidewalk from the tot lot is about 250' to a ramp. The ramp is about 125' long to another 125' long. The ramp has a 10% slope, S/B 8.33% maximum. There is a guard rail on the steep side and a 15" vertical side flare on the other side of the ramp, S/B complying handrails on both sides.
Recommend: I,
7. This sidewalk intersects Olivera and Pacato Streets. It does not have a curb cut ramp at the street.
Recommend: Information

GRANADA PARK

1. There are two paths of travel from Via Grande that intersect the sidewalk to the tot lot area. There are no curb cut ramps at the sidewalk from Via Grande.
Recommend: Information
2. The tot lot area has a 4" drop to the sandy area without a ramp access, S/B a complying ramp. It has three coil spring rocking toys, swings, slides and an obstacle bridge, they are not accessible.
Recommend: I,
3. There are five picnic tables. The closest is 15' to the sidewalk and the farthest is approximately 300', access is over a grass service, S/B a firm surface.
Recommend: II,
4. There is a sidewalk from the center of the park which is approximately 250' long, leading to Puerta Real. It does not have a curb cut ramp from the street to the sidewalk
Recommend: Information

JERONIMO OPEN SPACE

1. This area is a green space area with an access road for maintenance vehicles. It is used by pedestrians and bike traffic. This path of travel is from the west of Pavion on Jeronimo to Silleros. There are no curb cuts at either end, S/B curb cuts.
Recommend: I,
2. This green space continues west of Silleros on Jeronimo. This area does not have a path of travel, although, it is used extensively by pedestrians and it could be easily converted to a path of travel for bikers and hikers.
Recommend: Information
3. Although, the information sheet states that this area ends at Arbolitos, the green space does continue west of Arbolitos.
Recommend: Information

LA MANCHA PARK

1. This park has a grass surface. It does not have a defined path of travel. There are no improved facilities. It is not accessible, except over the grass.
Recommend: Information
2. On the west side of the park is an access road on the upper level which is approximately 200' long x 10' wide. It has between 12.2% and 12.5% slopes. There are no guard rails or handrails. There are no curb cut ramps at either end.
Recommend: Information

LINDA VISTA PARK

1. There are no curb ramps from the public street to the sidewalk adjacent to the park entrance.
Recommend: Information
2. The main entry to the park has two paths of travel approximately 80' in length. The lower path of travel entry on the east side of the entry has a 11.4% slope, S/B 8.33% maximum. There are no guard or handrails, S/B handrails. The cross slope is 9.5%, S/B 2% maximum.
Recommend: I,
3. There are two picnic tables which are approximately 20' from the lower sidewalk, S/B a firm path of travel.
Recommend: II,
4. The tot lot area has coil spring toys, a big toy slide, a swing and a sand scooper; they are not accessible. The sand pit area is 5" deep without a complying ramp, S/B a ramp. The rest of the grass area is not accessible.
Recommend: I,

LOYOLA PARK

It is accessible off of Via Santa Maria and Via Loyola.

This is a wilderness park which does not appear could be made accessible readily.

It has steep paths of travel at both entrances to the wilderness area. Therefore, essentially it would not be an accessible park.

Recommend: Information

MADRID FORE PARK

1. The entry to the park is by two paths of travel. There are no curb cut ramps from the street. It joins one sidewalk at approximately 80' long from Via Oceana sidewalk.
Recommend: Information
2. There is one basketball court at the east side of the park approximately 50' from the sidewalk on Via Oceana. It is not accessible, except over the grass, S/B a firm surface. This court is approximately 125' from the path of travel in the park.
Recommend: II,
3. From the intersecting sidewalk, it is 150' to the tot lot area. The tot lot area has slides and a big toy with interior swings and spring toys, not accessible, S/B accessible. It recesses approximately 5" deep to the sand area without a complying ramp, S/B a ramp. It has a circular path of travel.
Recommend: I,
4. On the circular path of travel there is another tot lot area with a smaller big toy, swings and slides. It is not accessible due to the fact that it is approximately 10' from the sidewalk over the grass, S/B a firm surface, and it has an elevated curb with a 6" drop inside the curb, S/B a complying ramp into the tot lot.
Recommend: I,
5. There are three picnic tables which are approximately 15', 30' and 75' from the sidewalk. They are not accessible, except over the grass, S/B a firm surface.
Recommend: II,
6. There is a continuing path of travel from the tot lot area to the South. It is approximately 275' long and it has a 8.5% to a 10.0% slope at the steepest part of the grade, S/B 8.33% maximum. There are no handrails, S/B handrails when the slope exceeds 6.66%. It exits at Via Marina. There are no curb cut ramps to the street at this end.
Recommend: I,
7. The water fountain is off the sidewalk and does not have firm path of travel. The bubble is 36" high at the rear of the fountain with low pressure, S/B a 6" high flow. It exceeds 5 lbs of pressure on the push button, S/B 5 lbs maximum. The push button is 26" high.
Recommend: II,

MARGUERITE M. O'NEILL PARK

1. The entry to Marguerite M. O'Neill Park is from Sandoval Street only. There is no curb cut ramp on the public street adjacent to the park entry. There is an access road for maintenance vehicles. The slope of the access road for the first 10' is 9.8%, S/B 8.33% if it's used as a pedestrian path of travel. It is approximately 75' long and then turns and leads up to a tot lot area with about an 8.7% slope, S/B 8.33% maximum. It is approximately 300' long.
Recommend: I,
2. The tot lot area has a 7 1/2" high curb without a ramped access, S/B a ramp. There are slides and obstacle toys on the sand surface. They are not accessible, S/B accessible.
Recommend: I,
3. There is one picnic table which is approximately 20' from the sidewalk. It is not accessible, except over the grass, S/B a firm surface.
Recommend: II,
4. The water fountain button is flush, should protrude. The bubbler is 37" AFF, S/B 36" maximum. The knee clearance is 30" high.
Recommend: Acceptable
5. The entry from Sandoval is a sidewalk which is approximately 300' long to an accessible basketball court. The sidewalk has slopes up to 9.5%, S/B 8.33% maximum.
Recommend: I,
6. The one picnic table at the southwest side of the basketball court is approximately 7' from the hard surface over a grass area, S/B a firm surface.
Recommend: II
7. There is an upper level at the north side of the park with three baseball cages and one soccer playing field. I have to assume that this area is part of O'Neill School. This area has one picnic table and it is noncomplying.
Recommend: Information

MELINDA PARK

1. At the corner of Santa Pola and Bolanos there is a hard surfaced path of travel. It has no curb cut ramp from the street. The path of travel is approximately 70' long, to an intersection, with a 12.9% slope, S/B 8.33% maximum. There are no handrails, S/B handrails when the slope exceeds 6.66%.
Recommend: I,
2. The path of travel, to the South from the intersection, is approximately 80' to the sidewalk on Santa Pola. There isn't a curb cut ramp from the street. The path of travel to the North is 230' to a picnic area with four picnic tables. The picnic tables are accessible from the ends only.
Recommend: Information
3. This area contains a tot lot with slides, swings, big toy area, play house and a teeter totter, they are not accessible, S/B accessible. There is a 10" drop to a sandy area without a ramped access, S/B a complying path of travel. The area is accessible by sidewalk from the east side of the tot lot.
Recommend: I,
4. The north side of the park has a soccer field and baseball playing area with a cage. They are accessed by grass only, S/B a firm surface.
Recommend: I,
5. The path of travel from the tot lot to Melinda is approximately 120' with a 5.5% slope. The sidewalk at Melinda has no curb cut ramp.
Recommend: Information
6. At the northeast corner of Melinda Park, on Santa Marguerite Parkway, the path of travel entrance does not have a curb cut ramp from the street and it is approximately 570' to the tot lot. It has a 7" wide side slope on one side only for 140'. The ramp has between 10.0% and 13.6% slope, S/B 8.33% maximum. There are no handrails for the first 140', S/B handrails when the slope exceeds 6.66%.
Recommend: I,

NAPOLI PARK

1. This park is grass only. There are no sidewalks. It is not accessible, except over the grass.
Recommend: Information
2. There are five picnic tables. The closest picnic table to the street is about 100', some are about 600' from the street, S/B a path of travel to the picnic tables with a firm surface.
Recommend: II,
3. The area has one soccer field, S/B a path of travel with a firm surface to the soccer field.
Recommend: II,

OSO VIEJO PARK

1. This park contains the Fred L. Newhart School, the Senior Center and public restroom facilities.
Recommend: Information
2. The Senior Center, public restrooms and the adjoining path of travel were surveyed some weeks ago.
Recommend: Information
3. There are 21 picnic tables and they are not accessible, except over the grass area. The closest to the sidewalk at the parking area is about 10', S/B a firm path of travel to the picnic tables.
Recommend: II,
4. There is a soccer field and three baseball fields. They are not accessible, except over the grass, S/B accessible by a path of travel with a firm surface.
Recommend: II,
5. The tot lot area has a big toy, slides, swings, two coil spring toys and one play house, not very accessible, S/B accessible. The area is recessed approximately 5" deep to a sand surface. It is not accessible, there S/B complying ramps.
Recommend: I,

PAVION PARK

PAVION & JERONIMO

1. At the southwest corner of Jeronimo and Pavion there is a curb cut ramp with an 8.7% slope to a sloped sidewalk, the landing area slope is 8.3%, S/B 2% maximum. One side flare has a 28.0% slope and the other complies. Indirectly, this ramp accesses two sidewalks.
Recommend: Information
2. The sidewalk to the tot lot area is approximately 275', it's about 235' from the entry area. There are three picnic tables and one barbecue pit, which are accessible by grass only, S/B a firm path of travel. The picnic tables are of cement construction. The end knee clearance is 28" high x 16 1/2" deep, the concrete pad should extend 48" beyond the end of the table.
Recommend: I,
3. The tot lot sand box is not accessible due to a 10" deep drop to the sand area, S/B a complying ramp.
Recommend: I,
4. The obstacle course area has a 14" long ramp into the sand pit with a 26.2% slope, S/B 8.33% maximum.
Recommend: I,
5. The tot lot big toy has bridges, slides, swings and an obstacle tube. This area is accessible by the bridge only. The sand pit area is 18" deep from the sidewalk. There are no guard rails or warning signage, S/B a curb or 36" wide truncated surface adjacent to the drop off and a complying access ramp.
Recommend: I,
6. From the curb cut ramp at Pavion and Jeronimo, the sidewalk on Pavion to a park entry is approximately 240' south.
Recommend: Information
7. Approximately 80' south of the picnic tables is an accessible parking lot with four accessible parking spaces. The international logo is located on the pavement of the accessible spaces. There are upright signs at the front of the spaces. There is one handicapped sign at the north side entry only. This sign is on the grass adjacent to the entry and it is 58" high. Additional signage is needed at the front of the accessible parking spaces.
Recommend: I,
8. From the tot lot area there is a sidewalk going west which is approximately 230' long to the picnic area with one barbecue pit. There are three picnic tables. None of these tables are accessible, except over the grass, S/B a firm path of travel.
Recommend: I,

9. There is a sidewalk / ramp from the west side of the picnic area which is about 60' long. It has curbs on both sides that are 7 1/2" high x 8" wide. The ramp at the lower end has a 8.7% slope and the slope at the top is 9.8%, S/B 8.33% maximum and handrails when the slope exceeds 6.66%. This ramp leads down to the access road for the maintenance crews or bike path.
Recommend: I
10. At the end of the ramp and the access road is a rain gutter separating the ramp and access road with a 26.7% downward slope and a 30.6% upward slope, S/B 8.33% or less. This access road is approximately 10' wide and it starts west of the park on Jeronimo. It continues to Silleros Street. The road is winding and it has between 8.1% and 11.2% slopes at some areas. There are no guard or handrails. There is a guard rail which is 32' long at the foot of the ramp from the picnic area. In my opinion this is a park vehicle road and a bike path, I do not believe the code intends for this type of path of travel to have complying handrails when the slope exceeds 6.66%. Guard rails should be installed if UBC requires them.
Recommend: I
11. Continuing south from the west side of the picnic area is a semi-circular sidewalk leading back to the tot lot area. It is approximately 500' long.
Recommend: Information
12. The water fountain at the tot lot area has a recessed button. It is covered with a 5/16" steel guard. It has a 26" high knee clearance, S/B 27" minimum and it extends approximately 20" into the path of travel, S/B 4" maximum.
Recommend: I,

PRECIADOS PARK

COMMENTS:

- * The Preciados Street sidewalk has a 11.4% slope at the entry to the park area.
- 1. This park is not accessible from Preciados. It is accessible from the school parking lot. The parking lot is accessible from Preciados on a yellow painted path for children going and coming from the school bus. This path of travel is adjacent to the vehicular path of travel. It has no guard or handrails and it is approximately 45' long with a 13.1% slope at the bottom and a 7.3% slope at the top of the ramp, S/B 8.33% maximum, handrails when the slope exceeds 6.66% and separated from the driveway.
Recommend: I,
- 2. There is about a 12.5% slope across the parking lot to the park entry area with a short ramp that has an 11.2% slope, S/B 8.33% maximum. This path of travel crosses a 5' long bridge over a rain drain area and it has no guard rails, S/B wheel guides about 2" - 3" high, to the tot lot area which is approximately 55' long.
Recommend: I,
- 3. There is a path of travel from Aldeano Street on the north end of the park. It is approximately 165' long x 10' wide. It has block walls on either side. There is no curb cut ramp from Aldeano. It has a single loose chain approximately 22' across the access at the sidewalk from Aldeano. This sidewalk has a 10.0% slope from Aldeano. It continues rising to a slope of 16.5% at the school entry sidewalk, S/B 8.33% maximum and handrails when the slope exceeds 6.66%. The sidewalk to the to lot area from Aldeano is approximately 480' long.
Recommend: I,
- 4. The tot lot area is recessed 6" to the sand level. This area has swings, a see saw, a slide, an obstacle course and a sand shove. There S/B an access ramp.
Recommend: I,
- 5. The water fountain extends into the path of travel to the tot lot, it has a 26" high knee clearance, S/B 27" minimum. The push button is recessed and has a shield around it, should protrude.
Recommend: III,
- 6. The picnic table is approximately 6' from the sidewalk over the grass. It is not accessible by a firm path of travel.
Recommend: There is knee space on each end of the table.

SAN GABRIEL PARK

This is a wilderness park.

This park is bordered by Los Alisos and Via San Jose, west of Via Santa Maria.

The terrain is very hilly. There is really no path of travel that can be made readily accessible. Therefore, this park could not be made accessible at this time.

SANTA LUCIA PARK

This is a wilderness park. It is a very small wilderness park; however, there is a dirt path of travel going into it.

One could provide access into this park for people with disabilities without a great deal of effort.

If one wants to make one small wilderness park accessible, this may be the park that would be made accessible with a reasonable expenditure.

SANTA MARIA PARK

Santa Maria Park is a small wilderness park adjacent to Santa Maria and near Via Noveno. It is simply a wilderness park that cannot be made readily accessible. Signage could be provided indicating the location of the accessible parks.

SEVILLE PARK

Seville Park is partially wilderness, however, it does have a tot lot.

1. This tot lot could be made accessible. There is from 1" to 4" down into the sand area. This is what could be made accessible with a complying ramp.
Recommend: I,
2. The path of travel from the public sidewalk to the tot lot is accessible. The playground equipment could be reasonably accessible if a path of travel over a firm surface to the play equipment could be constructed. A person could transfer over to a platform which, to an extent, could be partially accessible.
Recommend: I,
3. The sidewalk leading to this small tot lot from the public sidewalk has a slope of about 9%, S/B 8.33% maximum. A little work here could make it 8.3% or less. Handrails are required when the slope exceeds 6.66%.
Recommend: I,
4. There are a couple of picnic tables approximately 10' from the sidewalk. One would have to access them over grass, S/B a firm path of travel. They are accessible at the ends but not the sides. This is acceptable for an existing condition.
Recommend: II,
5. There are about eight or nine benches that one could reach from the parking lot. A couple of them could be moved next to the sidewalk.
Recommend: I,
6. There is an additional swing set in a sand pit of its own which could be ramped for accessibility.
Recommend: II,

VALYERMO PARK

1. The entrance from the Valyermo Street sidewalk to the tot lot is approximately 75' long. The tot lot area has a 6" drop to the sand area with swings, slides and bars. It does not have ramps, S/B a complying ramp.
Recommend: I,
2. There is a circular sidewalk around the tot lot area which is about 180' long to an accessible basketball court.
Recommend: Information
3. The area has one picnic table and it is not accessible, except over the grass, S/B a firm path of travel.
Recommend: II,
4. There is a combination baseball and soccer field, which is not accessible, except over the grass, S/B a firm path of travel.
Recommend: II,
5. There is a path of travel which is approximately 450' long to the east end of the park.
Recommend: Information

WILDERNESS PARK

1. There is a curb cut on Vista Del Lago west of Los Alisos and opposite of Duende Street. The slope is 15.8%, S/B 8.33% maximum, and a side flare has a 20.2% slope, S/B 10% maximum, the other one complies. The bottom lip is 1" unbeveled, S/B 1/2" and beveled, to an upward sloping gutter of 8.8%, S/B 8.33% or less. It has removable posts to the path of travel, S/B a 36" wide opening between two posts.
Recommend: Information
2. This is an asphalt path of travel approximately 9 1/2' wide. This access road turns 180 degrees and downward and levels off to a 13.0% slope. It is approximately 225' to a wooden bridge at the bottom of the path of travel. The bridge is built over the creek. The bridge is about 30' long x 9' wide. The bridge has guard rails and they are flared.
Recommend: Information
3. The east side of the bridge intersects with a north-south path of travel. At the east side of the bridge is a sloped path of travel making a 180 degree turn back to Vista Del Lago. It has a 10.5% slope which is about 200' long x 9 1/2' wide to a curb cut ramp at the southwest corner of Los Alisos and Vista Del Lago. The ramp side flares have a 15.5% and 17.7% slope. The lip is 3/4", S/B 1/2" and beveled, to a gutter slope of 14.0%.
Recommend: I, the curb ramp should comply.
4. Making a left turn at the east side of the bridge is a circular path of travel which is approximately 250' and a 180 degree turn with a 15% slope at the bottom 40' of the trail. This path of travel leads to a curb cut ramp at the northwest corner of Los Alisos and Vista Del Lago. The ramp slope complies. The side flares have 16.7% and 13.7% slopes. The lip is 1/2" unbeveled, S/B beveled, to a gutter slope of 12.8%, S/B 8.33%.
Recommend: I,

COMMENTS:

- * The areas north and south of Vista Del Lago are fairly leveled and they could be made reasonably accessible.
5. At the northwest area of the Vista Del Lago bridge is a curb cut ramp with a 15.0% slope, S/B 8.33% maximum, and the side flares are 17.2% and 14.5%, S/B 10% maximum. The lip is 1/2" unbeveled, S/B beveled, to a gutter slope of 11.2%, (i.e. It is not a hard surface), S/B 8.33% or less.
Recommend: I,

6. This path of travel extends north as far as Entidad. At the north end of the path of travel there is a wooden bridge over a drain gutter which is approximately 5' long. It does not have handrails or wheel guides. This bridge area leads to a hard surface path of travel.
Recommend: I,
7. At the southwest side of the bridge on Entidad there is a curb cut ramp with a 15.7% slope, S/B 8.33% maximum, and side flares are 17.2% and 18.4% slopes, S/B 10% maximum. The lip is 1 1/2" unbeveled, S/B 1/2" and beveled, to a gutter slope of 9.5%.
Recommend: I,
8. This leads to a hard surface path of travel which is approximately 9 1/2' wide and approximately 200' long to a 180 degree turn. The slopes are between 12.0% and 15.7% of slope, S/B 8.33% maximum. This path of travel narrows to about 7 1/2' for the final 50', with a guard rail on one side and a vertical flare of 6 1/2" high x 5" wide to a wooden bridge approximately 30' long with guard rails and curbs.
Recommend: Information
9. The bridge intersects with a north-south path of travel. Going to the southeast is a hard surface path of travel which splits into two path of travels. The south path leads to a public sidewalk with a curb cut ramp of 14.6% slope, S/B 8.33% maximum. The side flares are 21.2% and 17.4%, S/B 10% maximum. The lip is 3/4" unbeveled, S/B 1/2" and beveled, to a gutter slope of 13.6%. This path of travel is about 190' long x 10' wide and it has a complying slope.
Recommend: I,
10. The sidewalk leading north to Entidad Street is about 150' long x 10' wide with a 10.3% slope, S/B 8.33% maximum, to the curb cut ramp with a 9.6% slope, S/B 8.33% maximum. The side flares are 13.5% and 13.2%, S/B 10% maximum. The lip is 1" unbeveled to a gutter slope of 12.0%.
Recommend: I,
11. The other split leading to the wooden bridge is a hard surface. It is 7 1/2' wide with vertical flares on each side and it is 270' long.
Recommend: Information
12. The path of travel from the wooden bridge to the north is hard surfaced and about 280' long x 10' wide with vertical side flares. The path has guard rails on the exterior side are 33' high on the sloped side only. This path of travel splits to a north and south path of travel.
Recommend: Information

13. The split to the southwest side of Los Alisos is approximately 100' long x 10' wide. The built-up side flares are 8 1/2" high on each side of the path of travel. There is a curb cut ramp on the northwest corner of Entidad and Los Alisos. It has a 10.0% slope, S/B 8.33% maximum. The side flares are 13.0% and 18.8%, S/B 10% maximum. The lip is 1" unbeveled, S/B 10% maximum, to a gutter slope of 11.1%, S/B 8.33% or less.
Recommend: I,
14. At the split to the southwest, there is a 180 degree turn which has a 26.1% slope.
Recommend: Information
15. The split to the north is approximately 6/10th of a mile to Cordova, however, it is not part of the Wilderness Park.
Recommend: Information

SECTION V

SITE REVIEW OF FOUR RECREATION CENTERS

FELIPE RECREATION CENTER

1. There are 28 parking spaces, including one identified as an accessible parking space, S/B two including one van space. The accessible space is non complying, it is 11' wide. There is no vertical signage.
Recommend: I, Provide two complying spaces with an 8' unloading space for a van and complying signage.
2. The entrance gate does not have a 10" kick plate. It swings in both directions, S/B a 10" high kick plate on the bottom of both sides of the gate.
Recommend: I, Provide a 10" high kick plate on both sides of the gate.
3. **MEN'S RESTROOM:**
 - a. The men's restroom is large enough to be accessible.
 - b. The urinal exceeds 17".
 - c. The water closet is 15", S/B 17"-19".
 - d. There are no grab bars.
 - e. The hand basin has orbit hardware, S/B lever and there is no insulation.
 - f. The towel dispenser and the seat cover dispenser are 58" AFF, S/B 40" AFF maximum.
 - g. The mirror is 48" AFF, S/B 40" to the bottom maximum.
 - h. The door has orbit hardware, S/B lever or equivalent
 1. There is 12" clear space at the strike side of the entry door, S/B 18".
 - j. The entry door opening is 31" wide, S/B 32", but this is acceptable.
Recommend: I,
4. There is a wall hanging water fountain with a 12" clearance at the bottom. The bubbler is 42" and it extends 15" from the wall.
Recommend: I,
5. There isn't a path of travel to the children's sand play area or the picnic tables area, S/B a firm path of travel.
Recommend: I,
6. **WOMEN'S RESTROOMS:**
 - a. The women's restrooms are the same as the men's.
 - b. The grab bars do not comply.
 - c. There is no complying signage.
Recommend: I,

7. The access window to the office is 45" AFF, S/B 34".
Recommend: I,
8. All access gates to the tennis courts are the same with no 10" kick plates. The handles at the mid-gate are 49" AFF, S/B 48" maximum.
Recommend: I,
9. The water fountain at the north side is box type and extends from the ground up. It is 44" to the top and 46" to the bubbler, S/B 36" maximum. It is noncomplying.
Recommend: I,

MARGUERITE RECREATION CENTER

GENERAL NOTES:

1. None of the gates have a smooth surface (kick plate) on the bottom 10" of the gate, on the push side.
Recommend: I, Install kick plates on all gates that do not lead to stairs.
2. M.V.D. = This decision depends on what policy the city of Mission Viejo adopts concerning the removal of an existing barrier. This decision will be based on several factors, including the nature of the barrier, the access gained or lost and the cost of the barrier removal.
3. None of the pools are equipped with pool lifts.
Recommend: Provide a lift at one pool that has a complying path of travel to it.

SITE & FACILITIES:

1. There are 75 parking spaces on the east side of the building. There is one handicapped space which is 11'3" wide with a 5' loading space. It should have four spaces minimum, including one van space.
Recommend: I, Correct
2. There are stairs heading to the lower level from the parking lot. The handrail on the right side of the stairs extends 12" at bottom. The handrail on the left does not extend at the bottom or the top. There is no sight impaired tread markings on treads. A curb cut at the parking lot side is needed.
Recommend: I, Correct
3. The gate at northeast side of the tennis court has stairs with two (2) risers and no handrails. There are no sight impaired tread markings.
Recommend: I, Correct
4. The entry gate at the center tennis court on the east side has a ramp of 8.0 degrees to 9.5 degrees to the parking lot. There is no curb cut. The ramp is 12" wide and there is a need for handrails on both sides and in the middle.
Recommend:
5. It has one curb cut on the northwest corner of the parking lot with side flares of 12.5%, S/B 10% maximum. There are no sight impaired grooving.
Recommend: M.V.D
6. The path of travel to the entry does not have a curb cut at the parking lot.
Recommend: I, Correct

7. **WOMEN'S RESTROOM:** East side, it's not accessible.
 - a. There are three stalls which are 31 1/2" wide with a 21" entry door.
 - b. The towel dispenser is 55" AFF, S/B 40" maximum.
 - c. The mirror is 48" AFF, S/B 40" maximum.
 - d. The lavatory has an orbit faucet and there is no insulation on the pipes.
 - e. The toilet seat cover dispenser is behind and 60" above the water closet. The only way to make them accessible is to remove one water closet and turn two stalls into one.

Recommend: I, Correct
8. **MEN'S RESTROOM:** The men's restroom is the same as the women's except it has one stall and one urinal which is 20" AFF, S/B 17" AFF maximum. This restroom will have to be completely remodelled to make it accessible.

Recommend: I, Correct
9. The main entry doors to each restroom is 27" wide, S/B 32".

Recommend: I, Correct
10. The public telephone on the east side of the building is 57" to the coin slot and it should be 48".

Recommend: I, Correct
11. The steps leading to the membership office do not have sight impaired tread markings. The handrails are 4" wide, S/B 1 1/4" to 2", and do not extend 12" plus the width of the bottom tread at the bottom. The entry doors to the office have door stops on the bottom 10" of the doors, push side.

Recommend: I, Correct
12. There is no wheel chair access to the membership office.

Recommend: I, M.V.D.
13. The entry door to the reception room has a door stop on the bottom 10", push side, S/B smooth surface.

Recommend: I, Correct
14. The reception counter is 42" high, S/B 34" AFF by 36" wide. The entry leading behind the reception counter is 24" wide, S/B 32" minimum, and the walkway behind the counter is 26" wide, S/B 36" wide.

Recommend: III, NRA
15. All exterior doors have orbit hardware except the entry doors. (General Note: All doors have kick stands at bottom)

Recommend: I, M.V.D.
16. The reception counter on the west side has a 38" counter top where the coke machines are. The candy dispensing machine coin slot is 58" high and it should be 48" maximum.

Recommend: III, NRA

17. The door on the west side of the office complex marked "Employees Only" has a 7" threshold and orbit hardware.
Recommend: I, M.V.D.
18. The water fountain is a stand alone box type and has a 44" high bubbler.
Recommend: II, M.V.D.
19. **KITCHEN:**
- a. The kitchen at the rear of the office building has two steps to it. The platform is 13" high and there's no ramp or wheel chair access.
 - b. The telephone at the east side of the counter has a 60" high coin slot, S/B 48" AFF.
 - c. It has a service entry door at the back of the building with raised 5" platform creating a 5" threshold.
 - d. It has stairs leading to the turn style exit with no sight impaired tread markings. The handrails do not extend 12" plus the bottom tread width at the bottom. The handrails are 3 1/2" wide, S/B 1 1/4" - 2".
- Recommend: I, a) is NRA. Correct b). c) is NRA. d) Correct**
20. The stairs leading up to the billiard room and table tennis area do not have visually impaired tread markings and the handrails are 4" wide, S/B 1 1/4" - 2", and do not extend the tread width plus 12" at the bottom. There is no wheel chair access to this level.
Recommend: I, Provide complying stairs but the ramp is NRA.
21. The stairs at the rear-south side of fitness building to the upper level do not have sight impaired tread markings. It has a handrail on one side only and it does not extend 12" plus the bottom tread width at the bottom.
Recommend: I, Correct
22. The stairs leading down to the pool area do not have sight impaired tread markings. The handrails are 4" wide and they do not extend the tread plus 12" past the bottom tread.
Recommend: I, Correct
23. The stairs leading up to the store area do not have sight impaired tread markings. The handrails do not extend the tread width plus 12" at the bottom and they do not extend 12" at the top.
Recommend: I, Correct
24. The gate at the pool entry does not have a 10" kick plate at the bottom, push side. The opening handle at the top of the gate is 60" AFF, S/B 48" maximum. The two gates are 36" wide with a pole in the center of the divider. There is no handicapped lift at the pool side.
Recommend: I, Correct the gate and the pool lift is M.V.D.

25. The outdoor shower at the northwest corner of the fitness building has a 42" door with a 3" drop off. The two shower heads have no hand held device. There are two on/off knobs which are round and 51" high.
Recommend: II, Provide one shower for each sex, per code.
26. The sidewalk leading to the basketball court is 35" wide, S/B 48" minimum. The gate to the wadding pool does not have a 10" kick plate and the opening hardware 60" AFF, S/B 48" maximum.
Recommend: I, M.V.D.
27. The outside volleyball court has sand and no path of travel.
Recommend: II, M.V.D.
28. The door to the fitness room is 3 1/2".
Recommend:
29. The water fountain in the gymnasium is wall mounted and recessed into the wall. The bubbler is 36" high. The base extends 6" from the wall.
Recommend:
30. The handrails on the stairs to the upper level do not extend 12" plus the tread width at the bottom. They do not extend 12" at the top.
Recommend: I, Correct
31. There are six handball/racquetball courts. The doors are 21" wide with orbit hardware.
Recommend: I, Provide a 32" clear opening entry to a least one court.
32. The exit door on the south side of the fitness room has locking hardware that extends to the bottom of the door on the right door.
Recommend: I, Provide one door panel with a 32" clear opening.
33. The entry door to the volley ball court is 27" wide, S/B 32" minimum. The three courts can be used for handball or racquetball courts, also.
Recommend: I, Correct
34. The fitness service counter is 43" high and it should be 36". The entry door is 33". It has employee lockers. The equipment room in the rear has a 19.5 degree incline with a 2" lip at the threshold.
Recommend: III, NRA
35. The weight room on the west side has one entry door which is 22" wide, but it has a door to the left that is approximately 20' west and 34" wide.
Recommend: This is acceptable for an existing condition.
36. It has one volleyball court at the west end of the corridor with a 22" wide entry door, S/B 32" clear opening, and orbit hardware.
Recommend: I, Correct
37. The water fountain is box type with a 42" high bubbler.
Recommend: II, M.V.D.

38. There are steps from the corridor to the men's and women's locker / restrooms. The handrail does not extend 12" at top or the tread width plus 12" at the bottom. There is no wheel chair access.

Recommend: I, Correct the stairs. The ramp is a U.B.

39. **WOMEN'S RESTROOM:** rear of fitness room.

- a. Lavatory faucet has orbit hardware and there is no insulation.
- b. The hands blow dryer is 57" AFF, S/B 40" maximum.
- c. The feminine dispenser has a 56" high coin slot, S/B 40" maximum.
- d. The handicapped stall is 41" x 101", S/B 60" by 78" minimum.
- e. There are handrails on the sides of the water closet, but none at rear.
- f. The seat cover dispenser at the rear of the water closet is 60" AFF, S/B 40" maximum.

Recommend:

40. **MEN'S RESTROOM:**

- a. The men's restroom has handrails at the back of the water closet. The handrails are 36" high and 2" from the wall, S/B 1 1/2".
- b. The lavatory has orbit hardware and there is no insulation.
- c. The urinal is 21 1/2" AFF, S/B 17" maximum.

Recommend: II, Correct except for the urinal.

41. Tot play area at the south end of the fitness center.

- a. The entry gate has no 10" kick at the bottom.
- b. The gate handle (closer) is 57" AFF.
- c. The two glass entry doors to the toy room do not have a 10" smooth surface at the bottom, push side.

Recommend: I, Correct

42. The restroom inside for kids has two stalls that are 35 1/2" wide and 56" deep. It has 24" entry doors with slide bolt locks. The sink has orbit hardware and no insulation with movable step up at bottom.

Recommend: II, M.V.D.

43. The stairs to the upper level at the rear of the fitness center, south side, do not have sight impaired tread markings. The handrails do not extend tread width plus 12" at bottom.

Recommend: I, Correct

44. The gate to the outdoor tennis on the southeast side of the complex does not have a 10" kick plate on push side. The gates that exit to the parking lot are the same.

Recommend: I, Correct

45. The tot's sand lot does not have a complying path of travel.

Recommend: I, Correct

46. The Swim America Complex at the west of the main office has a walk leading to the pool area building. The walk way ramp at the left entrance has an 8.5% to 9.5% slope, should have handrails.
Recommend: I, Correct
47. There are two steps before the entry gate to the pools. The gate does not have a 10" kick plate on the bottom of the push side. There are seven more levels with two steps each. There are no handrails.
Recommend: Provide handrails and sight impaired tread markings per code.
48. There is one set of stairs with three steps with handrails, but they do not extend the tread width plus 12" at the bottom. There are no sight impaired tread markings.
Recommend: I, Provide sight impaired tread markings and correct handrails.
49. The ramp down to the pool has from a 5% to 6.5% slope, does not require handrails. The ramp leading from the pool leading to the sidewalk exit which is 3.0 degrees to 8.5 degrees and it needs handrails.
Recommend: I, Install handrails per code.
50. The upper level pool has two gates on the West side, with ramps leading to the second level pool. The gates do not have 10" kick plates (See General Notes: No gate has a 10" kick plate). The ramp on the northwest corner has a 5.5% to 8.5% slope and there are no handrails.
Recommend: I, Install handrails and kick plates per code.
51. The second level pool has two ramps, one leading to the pool the other to the sidewalk. The slope of the ramp to the pool is from 5.5% to 7.0%. The slope of the ramp to the sidewalk is from 4% to 5.5%.
Recommend: I, Install handrails on the ramp to the pool.
52. **THE WEST END OFFICE:**
- a. There are three steps leading to the entry door without handrails or sight impaired tread markings.
 - b. The glass door does not have a smooth surface on the bottom 10" of the door, push side.
 - c. There is a 13" raised area at the northwest end of the pool complex with a 13" drop off and no barrier rails.
- Recommend: I, Correct a, b and c.**
53. The gates to the pool area have closer handles which are 61" AFF, S/B 48" AFF maximum with a parallel approach.
Recommend: I, Correct
54. The ramps and steps leading down to the west tennis complex from the pool complex do not have handrails.
Recommend: I, Correct handrails.

55. The slope of the ramp on the northwest side is from 8% to 14.5%, S/B 8.33% maximum, and no handrails.
Recommend: I, Correct handrails.
56. The slope of the ramp on the southwest side is from 6.5% to 9%.
Recommend: I, Install handrails per code.
57. **THE PRESS COMPLEX BUILDING:**
 a. The Press Complex Building at the west end next to the tennis complex has steps without top or bottom handrail extensions. There is no wheel chair access.
Recommend: I, Install handrails per code. Ramped access is an UB.
58. The parking lot next to the tennis on the north side has approximately 200 parking spaces and there is no handicapped space.
Recommend: I, Provide six (6) accessible parking spaces including a van space.
59. **MEN'S SHOWER/LOCKER ROOM:**
 a. The men's shower/locker room has a 23" knee clearance under the lavatory, S/B 29". There is no insulation on the pipes and the faucet has an orbit handle.
 b. There is no wheel chair access to the showers, there is a 7" barrier at the entry.
 c. There are three urinals and two stalls. None of these are accessible. "It is possible to remove one urinal and enlarge the left stall." The stalls are 32" wide with 22" entry doors.
 d. The men's showers do not have a hand held device.
 e. There are two blow dryers. One is 74" AFF and the other is 53" AFF, S/B 40" maximum.
 f. The urinals are 24" high, S/B 17" AFF to lip maximum and the flush handles that are 54" high, S/B 44" maximum.
Recommend: I, Correct, provide a complying restroom to meet existing building conditions, minimum.
60. **WOMEN'S SHOWER/LOCKER ROOM:**
 a. The women have five water closet stalls that are 34 1/2" wide. It is possible to remove one water closet and turn two stalls into one.
 b. The rest is the same as the Men's except for the urinal.
Recommend: I, Same corrections.
61. **COACH'S OFFICE:** The entry door has orbit hardware and a 1/2" unbeveled lip at the threshold.
Recommend: I, Correct

62. The slope of the ramp from the top of the complex to the bottom of the office is from 3% to 8.5%, without handrails.
Recommend: I, Install handrails per code.
63. The water fountain outside of the men's locker/shower room is box type and has a 43" high bubbler.
Recommend: II, Install a complying water fountain.

MONTANOSO RECREATION FACILITY

GENERAL NOTES

- * All doors have kick stops on the bottom 10" of the push side of the door, S/B a 10" high smooth surface.
Recommend: I,

SITE

1. The identified accessible parking space is approximately 8' wide, S/B 9' with a 8' access aisle for a van and a 5' access aisle for a car. The sign in front of the space is 15" high from the bottom, S/B 36".
Recommend: I,
2. The slope of the curb ramp by the dumpster is about 11% to 12%. The side flares are 18%, S/B 10% maximum.
Recommend: I,
3. The ramp where the sidewalk crosses the driveway has side flare slopes of about 18%, S/B 10% maximum. The ramp is accessible. The ramp on the West side has side flare slopes of 22%, S/B 10% maximum. The ramp is 9% for about two (2) feet and the rest of the ramp is 7%, should not exceed 8.33%
Recommend: I
4. The path of travel to the rear of the parking lot needs two curb ramps where the cross walk crosses the island. A curb cut is also needed at the end of the walk to access the rear parking lot.
Recommend: I,

BUILDING INTERIOR

1. The entry pair of doors does not have 10" high kick plates on the push side of the door.
Recommend: I,
2. The countertop at the reception area is 38" high, S/B 34". There is an area 24" wide at the West corner of the counter that is 30" high. The entry to the area behind the counter is 21" wide, S/B 32" minimum.
Recommend: II,
3. The rear entry doors are the same as the front.
Recommend: I,

4. **WOMEN'S RESTROOM**

- a. The entry door to the lavatory area from the vestibule is 26½" wide, S/B 32" clear opening. There is a 21" high knee space under the lavatory, S/B 29" minimum. There is a round handle on the faucet, S/B lever hardware. There is no insulation on the pipes under the lavatory, hot water and drain lines S/B insulated. All the entry doors have door stops on the bottom 10" of push side, S/B 10" smooth surface.
Recommend: I,
- b. There are 4 water closet stalls. None are complying. One water closet would have to be moved to obtain compliance. The sanitary napkin and paper towel dispensers are 48" AFF, S/B 40" maximum. The entry door to the shower and locker rooms is 28" wide, S/B 32" clear opening.
Recommend:
- c. One shower stall has a 29" opening and is 32" wide inside, none comply. One of the three stalls would have to be removed to make a shower accessible.
Recommend: I,
- d. The electrical switches are 52" high, S/B 36" to 48".
Recommend: UH
- e. The coat hook is 64" high, S/B 48" maximum.
Recommend: I
- f. The hair dryer on/off switch is 66" AFF, S/B 40" maximum.
Recommend:

5. **MEN'S RESTROOM**

- The restroom is the same as the women's except that the two (2) water closet stalls and two urinals are both 23" wide. One of the urinals would have to be moved in order to make the water closets accessible. There are three open showers. There are no grab bars, no seat and there is not a hand held shower device.
Recommend: I,
6. The water fountain is wall hung and there is no knee space. There is a 2" water stream, S/B 6".
Recommend: I,
 7. There is a 6" high step into the storage room next to the men's restroom, S/B a 1/2" beveled threshold maximum.
Recommend: IV,
 8. The wrought iron exit gate behind the storage area does not have a 10" kick plate on the bottom of the push side. The gate handle is 4'4" AFF.
Recommend: I,
 9. The telephone outside the restrooms is 5'4" AFF, S/B 48" maximum. There is a 24" high knee space, S/B 27" minimum. There isn't a volume control for the hearing impaired.
Recommend: I,

10. The door to the office has a round knob, S/B lever. The countertop at the service window is 38" high, S/B 36" AFF maximum.
Recommend: I, for the door handle. III, for the window height.
11. The community area water fountain is wall hung, it has 17" high knee space.
Recommend: III,
12. The exit doors on the North side need 10" kick plates on the bottom 10" of the push side.
Recommend: I,
13. The registration box extends 8" off of the wall, S/B 4" maximum, and is 39" A.F.F.
Recommend: I,
14. The door to the conference room has a 3½" threshold, S/B ½" high maximum and beveled. The pair of doors on the right has the same threshold.
Recommend: I,
15. The entry doors to the billiard room have a 1" threshold with a ½" vertical lip, should not exceed ½" with a ¼" bevel. The billiard room door needs a 10" kick plate at the bottom of the push side.
Recommend: I,
16. The steps leading to the pool area do not have sight impaired tread markings, S/B markings on each tread. The handrails do not extend the width of the bottom tread plus 12" at the bottom.
Recommend: I,
17. The gate to the West pool needs a 10" kick plate at the bottom. There are no accessible lifts at any of the pools, S/B a complying assistive device. The handle to open the gate to the West pool is 63" high and flips up, S/B 48" AFF maximum.

POOL/REC AREA

18. The ramp on the East side of the building varies from 6% to 8%, S/B handrails per code.
Recommend: I,
19. There is a gate on the Southwest side of the pool does not have a 10" high kick plate on the push side of the gate. The flip up handle is 63" AFF, S/B 48" maximum. The pool entry ramp is 5' long and has a 7.3% to 8.3% slope, S/B 2% slope maximum.
Recommend: I,
20. There is no access to the picnic tables because of a 6" curb, S/B a ramped access. There is access to the picnic tables on the south side.
Recommend:
21. The tot lot has a 6" curb around it, S/B a ramped access.
Recommend: I,
22. There are three risers to the tennis court and no sight impaired tread markings or handrails, S/B complying tread markings and handrails.
Recommend: I,
23. There is a 1 ¼" wide crack that is approximately 1 ½" to 2" deep at the West end of the basketball court, S/B a smooth surface.
Recommend: I,
24. The two risers to the pool equipment room do not have handrails and there are no sight impaired tread markings, S/B complying handrails and tread markings.
Recommend: I,
25. The wall hung drinking fountain has a 24" knee clearance, S/B 27". This is a noncomplying water fountain.
Recommend: I,
26. The gate on the Southeast end of the pool needs a 10" high kick plate on the push side.
Recommend: I,
27. The North-South ramp on the East side of the building exceeds a 10% slope, S/B 8.33% maximum and needs complying handrails.
Recommend: I,
28. The doors on the East side of the billiard room are the same as the West side.
Recommend: I,
29. The doors on the South end of the Weight/Exercise room do not have a 10" high smooth surface on the bottom of the push side.
Recommend: I,
30. The doors to the patio on the North side of the community room need a 10" smooth surface on the push side.
Recommend: I,

SIERRA RECREATION CENTER

1. There are 25 parking spaces but no accessible spaces.
Recommend: I, Provide one van space.
2. There isn't a curb cut from the parking lot.
Recommend: I,
3. All entrances to the office have steps. There are five steps to the front entrance, there are no handrails or sight impaired tread markings.
Recommend: I,
4. There are two steps to the South entrance, no handrails or sight impaired tread markings.
Recommend: I,
5. The rear entry on the South side is the same.
Recommend: I, Construct a complying curb ramp and path of travel to one primary entrance, including a complying ramp. The other stairs shall have complying handrails, sight impaired tread markings and lever hardware.
6. The sidewalk to the office has side slopes from 5.4% to 10.3%, S/B 2% maximum. The only ramp to the inside of the facility is on the North end, West side.
Recommend: I,
7. There is not a complying path of travel from the public sidewalk.
Recommend: I,
8. There are no curb cuts where the sidewalk crosses the drive way entrance.
Recommend: Provide one complying path of travel to a primary entrance.
9. The front entry door has a doorstop on the bottom 10", push side, S/B 10" high smooth surface. There is a 2" high threshold, S/B 1/2" and beveled. The entry door is a 60" pair of doors, one leaf does not provide a 32" clear opening, S/B a 32" clear opening.
Recommend: I,
10. There is a 44" high service counter, S/B 34" AFF by 36" wide.
Recommend: III,
11. The rear exit door is the same as the front.
Recommend: II,
12. The fire extinguisher at the north end of billiard room extends 8" from the wall, S/B 4" maximum.
Recommend: II,
13. The service counter top to the kitchenette is 39" high, S/B 36" AFF.
Recommend: III,
14. There is no path of travel to the picnic tables or the tot lot, S/B a complying path of travel.
Recommend: I,

15. **MEN'S RESTROOM:**

- a. The men's restroom has two noncomplying water closet stalls, one S/B complying.
- b. The shower is not accessible to wheelchairs. It has a 9" barrier across the front.
- c. The soap dispenser in the shower is 62" high.
- d. The three shower heads have on/off valves and are 7" high. There is no hand held device.
- e. In order to make it accessible one stall and one water closet need to be removed.
- f. There are two sinks with a 21" knee space, S/B 29" AFF, and lacks insulation on pipes.
- g. The paper towel dispensers are 57" AFF, S/B 40" maximum, on the wall at the back of the counter. None are accessible.
- h. The entry door is 26" wide with a door stop at the bottom, S/B 32" wide and a 10" smooth surface on the bottom of the push side of the door. It has a 2" lip at the threshold, S/B 1/2" maximum and beveled.
- i. The urinal is 24" AFF, S/B 17" maximum.

Recommend:

16. The wall hung water fountain on the east side off the building extends 8" from the wall, S/B 4" maximum. There is a 29" knee clearance. The bubbler is 44" AFF/ S/B 36" maximum.

Recommend: II,

17. The pool is accessible, but does not have an assistive lift.

Recommend: I,

18. The entry gate to the wheel chair ramp is locked, there is no access to the wading pool, Lift S/B unlocked and useable.

Recommend: I,

19. **WOMEN'S RESTROOM:**

The women's restroom is the same as the men's except it has three water closet stalls and two partitioned shower stalls. They are not accessible.

Recommend: I,

20. All gates lack the 10" high kick plates on the bottom of the push side.

Recommend: I,

21. The five steps at the front are 13'6" wide, requires handrails at both ends and the center to comply.

Recommend: I,

22. The front gate to the tennis court is not accessible. There is no ramp, S/B accessible.

Recommend: I,

23. There is a makeshift ramp at the south west corner building entry, the slope is 25.7%, it is not acceptable.

Recommend: I,

SECTION VI

SITE REVIEW OF OSO VIEJO COMMUNITY CENTER

MISSION VIEJO SENIOR & COMMUNITY CENTER

24932 Oso Viejo Road

1. There are about a 143 parking spaces, five (5) are identified as accessible parking spaces, S/B five (5) accessible parking spaces including one (1) van space. The two (2) accessible parking spaces on the Southeast are 11.5' wide, S/B a 9' wide parking space with a shared 5' wide access aisle. The three (3) accessible parking spaces in front of the Community Center are 12' wide, S/B a 9' wide parking space with a 5' wide access aisle for cars and an 8' wide access aisle for one (1) van space.
Recommend: I,
2. The slope of the side flares on the curb ramp on the South end of the parking lot is 21% and 27%, S/B 10% maximum.
Recommend: I,
3. The slope of the side flares on the curb ramp in front of the restrooms is 14%, S/B 10% maximum.
Recommend: I,
4. The slope of the side flares on the curb ramp from the public sidewalk near the driveway entrance is 29%, S/B 10% maximum.
Recommend: I,
5. The slope of the North curb ramp from the accessible parking spaces in front of the main entry he parking lot to the sidewalk is 12%, S/B 8.33% maximum, and the side flares are about 84%, S/B 10% maximum.
Recommend: I,
6. The slope of the South curb ramp from the accessible parking spaces is 9.6%, S/B 8.33% maximum, and the side flares are about 70%, S/B 10% maximum.
Recommend: I
7. There S/B a curb ramp directly in front of the main entry from the parking lot.
Recommend: IV, There is a curb ramp within 15'.
8. The front door has a door stop on the bottom 10" of the push side of the door, S/B a 10" smooth surface.
Recommend: I,
9. Several interior doors have door stops on the bottom 10" of the push side of the door including the office door, S/B a 10" high smooth surface.
Recommend: I,

10. The stairs from the office level to the lower level have three handrails without the proper top and bottom extensions, S/B extending 12" past the top tread and 24" past the bottom tread. The sight impaired tread markings are 1 1/4" wide, S/B 2" wide.
Recommend: I,
11. The knee clearance under the assembly room tables is 26 1/2", S/B 27" minimum.
Recommend: II,
12. The telephone is 55" AFF, S/B 48" and be equipped for the hearing impaired. There is a 25 1/2" knee space underneath, S/B 27".
Recommend: I,
13. The slope of the ramp to the lower level from the office level varies from 7.8% to 9.4%, S/B 8.33% maximum.
Recommend: II,
14. The height of the pass through counter in the multi-purpose room is 42", S/B 36" maximum.
Recommend: III
15. The knee clearance under the water fountain is 26 3/4" AFF, S/B 27".
Recommend: IV,
16. The ramp from the rear of the building to the play ground area has a noncomplying handrail on one side, the height varies from 36" to 40", S/B 30" to 34" AFF.
Recommend: II,
17. **WOMEN'S RESTROOM:**
 - a. The flush valve of the water closet is on the wrong side, S/B the wide side of the stall.
Recommend: IV,
 - b. The toilet seat cover dispenser is 42" AFF, S/B 40".
Recommend: IV,
 - c. The hand dryers and paper towel dispensers are 47" AFF, one S/B 40" AFF maximum.
18. The **MEN'S RESTROOM** is the same as the Women's except for the flush valve.
Recommend: IV,

BUILDING EXTERIOR:

19. MEN'S RESTROOM, by the Snack Bar.

- a. The water closet does not have space for a side transfer, S/B 32" beside the water closet.
Recommend: II,
- b. There is one grab bar beside the water closet, S/B two (2) complying grab bars.
- c. The lavatory has a 28" knee space, S/B 29" AFF.
Recommend: IV,
- d. The water closet is 16" AFF, S/B 17" - 19" AFF.
Recommend: IV

20. WOMEN'S RESTROOM:

- a. Same as the Men's restroom.
Recommend: IV,
21. The water fountain bubbler is 41" AFF, S/B 36" maximum. The water fountain is mounted in a corner which limits access for people using a wheelchair.
Recommend: I,
22. Adjacent to the Snack Bar are holes in the sidewalk for trees. These holes are about 5" deep and the width varies from 5" to 12", S/B grates or filled in with dirt.
Recommend: I,
23. The pass through window for the Snack Bar is 42" AFF, S/B 36" maximum.
Recommend: IV,
24. The slope of the ramp from the Snack Bar to the lower play ground has an area where the slope is up to 13%, S/B 8.33% maximum and have complying handrails.
Recommend: I,
25. There are no curb ramps from the North parking lot to the sidewalk accessing the Community Center or the picnic tables.
Recommend: I,
26. There isn't a firm path of travel to the picnic tables, access is over a grass surface.
Recommend: II,
27. There is a large park behind this Community Center. Most of the park facilities are accessed over grass, S/B a firm path of travel to all activities except wilderness areas.
Recommend: II,

DISABLED ACCESS CONSULTANTS
27932 Calle Belmonte
San Juan Capistrano, CA 92675
Telephone & FAX (714) 496-7591

THE AMERICANS WITH DISABILITY ACT

The Americans with Disabilities Act (ADAAG) was approved by the United States Congress and signed into law by President Bush on July 27, 1990. The purpose of the Act is to provide a clear and comprehensive national mandate to end discrimination against the estimated 43 million individuals with physical or mental disabilities, to bring these individuals into the social and economic mainstream of American life, provide enforceable standards addressing discriminations against individuals with disabilities, and to ensure that the Federal Government plays a central role in enforcing these standards.

The ADAAG has five sections. They are Title I, Employment; Title II, Public Services and Transportation; Title III, Public Accommodations and Services; Title IV, Telecommunications and Title V, Miscellaneous Provisions.

Current recipients of Federal funding, such as educational facilities and most public entities should be familiar with much of the language of ADAAG. Most of the terms, concepts and definitions come directly from the Rehabilitation Act of 1973 (504). The ADAAG does not replace Section 504 but slightly broadens 504. **The ADAAG includes individuals with a mental illness as a protected group and strips the litigation immunity from public entities.**

Enforcement of the ADAAG allows an individual to file complaints with applicable Federal agencies or file a private lawsuit in a civil court. Remedies are the same as those under Section 505 of The Rehabilitation Act of 1973. Courts may order a public entity to make facilities accessible, provide auxiliary aids or services, modify policies, and pay attorney's fees; and compensatory damages are allowed in some situations. There are no punitive damage awards.

Structural changes to existing buildings to meet program accessibility requirement must be made by January 26, 1995. Public entities with 50 or more employees must develop transition plans by July 26, 1992. **A member or members of the disability community must be involved with developing the plan.**

The Department of Justice's final rules permit a State or local government to use ADAAG Accessibility Guidelines or the Uniform Federal Accessibility Standards (UFAS) as their accessibility standard for new construction and building alterations. You must use either the

ADAAG Guidelines or the Uniform Accessibility Standards exclusively, you cannot switch between the two standards.

The following timetable applies to educational facilities:

January 26, 1992: All facilities and programs, when viewed in their entirety, are to be accessible and useable by individuals with disabilities.

The following criteria will not shield a public entity from a discrimination complaint but is mandatory if facilities and programs are not readily accessible and useable by individuals with disabilities.

- A. Begin self-evaluation of services, programs and policies not previously evaluated.
- B. Begin transition plan identifying structural and policy changes that are required for accessible facilities and programs.

New construction starting after this date must be accessible per the ADAAG guidelines.

Construction standards for retrofitting must comply with the California State Title 24 Disabled Access Regulations and ADAAG standards.

First date a lawsuit or discrimination complaint can be filed:

July 26, 1992: A survey of your facilities and programs identifying the architectural and program barriers should be completed by this date.

January 26, 1993: A completed evaluation and transition plan identifying the required modifications to remove structural barriers. The plan shall identify barriers, describe methods to remove barriers, establish a timetable for barrier removal and identify the person responsible for implementation of the plan.

January 26, 1995: All modifications completed or methods of equivalent facilitation provided to ensure the physical facilities and programs are accessible to and useable by individuals with a disability.

For additional information contact one of the following agencies:

DOJ (202) 514-0301, TDD (202) 514-0381, Electronic Bulletin Board (202) 514-6193 for copies of the regulations or technical assistance. (11:00 a.m. to 5:00 p.m., Monday through Friday, Eastern Standard Time)

ATBCB **Both Numbers are Voice or TDD (800) 872-2253 or (202) 653-7848 for technical assistance.**

FCC **(Communications) (202) 632-7260, TDD (202) 632-6999**

EEOC **(Employment) (202) 663-4900, TDD (800) 800-3302**

FHAA **(Fair Housing Information) (202) 708-2618**

DOT **(Transportation) (202) 366-9305, TDD (202) 755-7687**

DREDF **Disabled Advocacy Group, Technical Assistance, (800) 466-4232**

DBTAC **Disabled Advocacy Group, Technical Assistance, (800) 949-4232**

Federal Register **(202) 783-3238**

**Disabled Access
Consultants** **(714) 496-7591**

**Office of State
Architect** **(916) 323-2292**

For a copy of Proposed Changes to the Title 24 Accessibility Standards: (916) 445-6285

International Conference of Building Officials: For a copy of Title 24 Codes (Commercial and Housing): (800) 423-6587

Department of State Housing and Community Development: For a copy of Regulations for Apartments/Condo's or Interpretations, (916) 445-9471

California State Department of Rehabilitation: (916) 322-3078

ABLE DATA: (Adaptive Equipment Information) (800) 344-5405

Job Accommodation Network (JAN): (800) 526-7234

DISABLED ACCESS CONSULTANTS

27932 Calle Helmonite
San Juan Capistrano, Ca 92675
Telephone & Fax (714) 496-7591
A Non Profit Corporation

THE AMERICAN'S WITH DISABILITIES ACT

The Americans with Disabilities Act of 1990 is a Civil Rights law which prohibits discrimination on the basis of a disability. It is the most comprehensive piece of Congressional legislation since the passage of the Civil Rights Act of 1964. There are five titles to the ADA.

Title I prohibits discrimination in employment. It's very similar to the Rehabilitation Act of 1973 and its requirements. Unlike the Rehabilitation Act of 1973, Title I specifically list certain types of unlawful employment practices. Furthermore, Title I outlines a detailed set of complex rules dealing with employment and medical inquiries. Title I is effective July 26, 1992, for employer's with 25 or more employees and July 26, 1994 for employer's with 15 or more employees.

Exempted are Federal employees, tax exempt private membership clubs, Indian tribes and government owned corporations. Religious organizations may give preference to their members for employment.

Employers are required to make reasonable accommodations for qualified employees and applicants. This may include eliminating physical barriers that are readily achievable to remove, job restructuring, reassignments to a vacant position, modification of personnel policies, modification of exams, adapting equipment, modifying hiring practices and other accommodations that do not place an undue hardship upon the employer.

Enforcement and remedies are identical to those under Title VII of the Civil Rights Act of 1964 which are private right of action, injunctive relief, i.e. job reinstatement, back pay, and enforcement by the Equal Employment Opportunity Commission. The Civil Rights Act of 1992 has broadened the scope of the ADA and increased the monetary penalties.

Title II prohibits a State, County, City or any of its divisions from discriminating against persons with disabilities. Their physical facilities and programs are required to be accessible to persons with disabilities. Some physical facilities may be exempted because it presents an undue burden but all programs must be accessible, on an equal basis with persons without disabilities. It includes the right for individuals with a disability to use public transportation. Public transportation means the use of regular scheduled buses, rail, intercity commuter rail or any other transportation system with fixed schedules plus a para-transit system for individuals who cannot use the regular routes. Title II is effective January 26, 1992.

But, a public entity has until July 26, 1992 to audit (survey) their facilities and until January 26, 1993 to establish a transition plan. They have until January 26, 1995 to remove those barriers. If removing an existing barrier is determined to be an undue burden, there must be a means of providing equivalent facilitation for those with a disability or a justifiable reason must be documented in the transition plan. A public entity must include individuals with a disability when establishing their transition plan.

Individuals may file complaints concerning public transportation with the Department of Transportation. For other matters, complaints may be filed with the designated Federal Agency, the Attorney General or they may initiate a private law suit in a civil court. Courts may order a public entity to retrofit facilities for accessibility, provide auxiliary aides / services, modify policies and / or pay attorney's fees.

Title III requires that individuals with disabilities be given full and equal access to all public accommodations that are operated by private sector. This includes access to transportation systems provided by a private business for their clients, customers, employees etc.

A public accommodation includes:

1. Inns, hotels, motels, and other places of lodging;
2. Restaurants, bars, and any other businesses serving food;
3. Theaters, concert halls, stadiums, and other places of entertainment;
4. Auditoriums, convention centers, lecture halls, and other places of public gathering;
5. Bakeries, grocery stores, clothing stores, hardware stores, shopping centers and other sales establishments;
6. Laundromats, dry-cleaners, banks, barber shops, beauty shops, travel services, shoe repair services, funeral parlors, service stations, attorney's offices, accountants offices, pharmacies, insurance offices, physician or other health care provider offices, hospitals and other places where services are provided;
7. Terminals, depots, and other transportation stations;
8. Museums, libraries, galleries, and other places of public display and collection;
9. Parks, zoos, amusement parks and other places of recreation;
10. Nurseries, elementary, secondary, undergraduate and graduate private schools, and other places of education;
11. Day care centers, senior citizen centers, homeless shelters, food banks, adoption agencies and other social service centers;
12. Gymnasiums, health spas, bowling alleys, golf courses and other places of exercise and recreation; and
13. New construction projects and alteration of existing facilities.

Title III becomes effective January 26, 1992 for businesses with more than 25 employees. July 26, 1992 for employers with 25 or fewer employees and less than \$1 million gross receipts. January 26, 1993 for businesses with 10 or fewer employees and less than \$500,000 in gross receipts.

A public accommodation must audit their facilities to identify all existing barriers, establish a plan to remove the barriers that are readily achievable or provide a method of equivalent facilitation. It must be documented when a public accommodation determines it's not readily achievable to remove a barrier or provide a means of equivalent facilitation. It's recommended that the private sector include input from individuals with a disability when establishing their implementation plan for accessibility.

Individuals may file complaints with the Department of Justice, The Attorney General or file a private law suit. The Courts may grant injunctive relief, assess civil penalties of up to \$50,000 for the first offence or up to \$100,000 for subsequent offenses, the payment of attorney's fees and / or compensatory damages. Or, they may file a civil suit under the more comprehensive and liberal California State Fair

Employment and Housing Act.

Title IV requires telephone companies to offer relay services so that persons with speech and hearing impairments can use the phone systems. Relay services means providing Telecommunications Device for the Deaf systems and/or providing 24-hour relay operators who will assist a person with a speech and hearing disability in communicating with third parties. Title IV becomes effective on July 26, 1993.

Enforcement is by private right of action, i.e. law suit or filing a complaint with The Federal Communications Commission.

Title V covers miscellaneous provisions. These include:

1. STATE LAWS-State law may provide greater protection for individuals with disabilities than the ADA;
2. INSURANCE-Insurers and their agents are allowed to underwrite risks, classify risks or administer risks;
3. SUING THE STATE OR BUSINESS-A state resident or nonresident can sue the state or a business for noncompliance with the ADA. The person may be awarded injunctive relief, compensatory, consequential and statutory damages;
4. HARASSMENT- Members of the private business sector or a public entity are vulnerable to a law suit (litigation) if either subjects a person or persons to harassment because they charged the state or business with an ADAAG violation;
5. ATTORNEY'S FEES- A prevailing party in an ADAAG lawsuit may be awarded attorney's fees and compensatory damages in some situations;
6. RESOLVING DISPUTES-The Act encourages mediation and settlement as methods of resolving ADA disputes.

For additional information contact one of the following Agencies;

DOJ: (202) 514-0301, TDD (202) 514-0381, Electronic Bulletin Board (202) 514- 6193 for copies of the regulations or technical assistance.
(11 AM to 5 PM, Mon-Fri Eastern Standard Time)

ATBCB: Both Numbers Are Voice or TDD (800) 872-2253 or (202) 653-7848 for technical assistance.

FCC: (Communications) (202) 632-7260, TDD (202) 632-6999

EEOC: (Employment) (202) 663-4900, TDD (800) 800-3302

FHAA: (Fair Housing Information) (202) 708-2618

DOT: (Transportation) (202) 366-9305, TDD (202) 755-7687

DREDF: Disabled Advocacy Group, Technical Assistance, (800) 466-4232

DBTAC: Disabled Advocacy Group, Technical Assistance, (800) 949-4232

Federal Register: (202) 783-3238

Disabled Access Consultants: (714) 496-7591

Office of State Architect: (916) 323-2292

For a copy of Proposed Changes to the Title 24 Accessibility Standards:
(916) 445-6285

International Conference of Building Officials: For a copy of Title 24 Codes (Commercial & Housing): (800)423-6587

Office of State Fire Marshall: (916) 427-4166

Department of State Housing & Community Development: For a copy of

Regulations for Apartments / Condo's or Interpretations, (916) 445-9471

California State Department of Rehabilitation: (916) 322-3078

ABLE DATA: (Adaptive Equipment Information) (800) 344-5405

Job Accommodation Network (JAN): (800) 526-7234

TITLE 24 & ADA DISABLED ACCESS REGULATIONS CHECKLIST

I APPLICATION Accessibility by ramp or elevator not required above or below the 1st floor for multi story gas stations, shopping centers, offices of physicians & surgeons and office buildings. In other buildings, floors above & below are exempt if a reasonable portion of the accommodations is available on an accessible level. (110A(b)11.B exceptions 1 & 2)
ADA 4.1.3 Elevators are not required in facilities under three stories or with fewer than 3000 sq. ft. per floor, unless the building is a Shopping Center or Mall; professional office of a State regulated health care provider; public transit station or airport passenger terminal. EXCEPTION: Buildings or portions of buildings not intended for public use or is exclusively used for storage/warehouse are exempt.

II. SITE DEVELOPMENT

Site development and grading shall be designed to provide access to all primary entrances and to all normal paths of travel, and where necessary to provide access, shall incorporate pedestrian ramps, curb ramps etc. (7101a)

ACCESSIBLE PARKING SPACES

- ___ Provide ___ accessible parking spaces, with a wheel stop in each space, based upon total number of parking spaces provided. (7102b)
1 space per 25 up to 100, 2 per 50 to 200, 1 per 100 up to 500, 9 spaces plus 2% from 501 to 1000.
 - ___ Spaces to be located so that individuals with disabilities are not compelled to wheel or walk behind parked cars other than their own. (7102d)
 - ___ Accessible spaces located as near as possible to the primary entrance. (7102c)
 - ___ Single parking spaces shall be 9' wide with a 5' unloading area on the passenger side of vehicle 18' long. (7102c) ADA 4.1.2b requires 1 van space per 8 accessible spaces with an 8' unloading space, minimum of 1 Van space.
 - ___ Double parking spaces can have a 9' space, a 5' common unloading area and another 9' space, totaling 23' X 18' long. (7102c)
 - ___ Maximum slope of parking space is 1/4" per foot. (7102e)
 - ___ Parking space(s) shall be identified by a sign with the international symbol of accessibility (Fig 5-6) mounted on a post or wall in front of the space. Sign shall be reflectorized, white on dark blue background, at least 70 sq. inches in area, 80" above grade when mounted on a post, that's in a path of travel, or 36" above grade when mounted on a wall. (7102f)
 - ___ In addition to a sign mounted on a post, the surface of the parking space(s) shall be identified by either of the following schemes: (7102f)
 - a. Outlining the space in blue or
 - b. Painting the international symbol of accessibility, in white on a blue background, 36" x 36", visible when vehicle is parked.
 - ___ For tow away, each entrance to off-street parking lots or each accessible parking space(s) to have a sign, 17" x 22", stating "unauthorized vehicles parking in handicapped space(s) are subject to tow-away". (7102f)
 - ___ An 8'2" head clearance required at all parking structure entries and in drive aisles to accessible parking spaces, allowing a van to enter/exit the parking structure. (7102g)
- CURB RAMPS**
- ___ Curb ramps shall be constructed wherever a pedestrian path crosses a curb or elevation change greater than 1/2". (7103a)
 - ___ Curb ramps shall be 48" minimum width (7103b) and a maximum slope of 1 to 12. Flared sides shall have a maximum slope of 1 to 8.(7103c)
 - ___ A level landing, 48" minimum in depth, is required at top of curb ramps, over the entire curb ramp width. (7103d)
 - ___ The slope of flared sides shall not exceed 1" to 12" when pedestrians must cross the ramp. (7103d)
 - ___ Surface is to be slip resistant (7103f)
 - ___ Border marking shall be 12" wide, of 1/4" X 1/4" grooves, 3/4" apart, located at top

and sides of a ramp. (7103h)

ADA 4.7 & 4.29 All curb ramps to have truncated surface, including side flares. (California interpretation) requires curb ramps with less than 6.66% slope to have a truncated surface.

Diagonal curb ramps to have a 30" X 48" striped space at the bottom.

Curb ramps shall not extend into vehicular paths of travel. ADA 4.7.6

WALKS

Walks with a slope greater than 1 to 20 (5%) must comply with ramp requirements of section 3307. (3325c)

Walk widths are 48" minimum and must have a level 5' X 5' wide area every 200'. (3325a)

Walks with slopes exceeding 6% shall be slip resistant. (3325a,2)

The cross slope shall not exceed 1/4" per foot. (3325a,3)

Gratings are prohibited, unless absolutely necessary and then the grate openings are limited to 1/4" wide in direction of travel. (3325b)

A 5' X 5" level area is required where a gate or door swings toward the walk and shall extend 24" past the strike edge of the gate/door. (3325e)

A 48" X 44" level area on opposite side of a gate swing. (3325e)

ADA 4.29 Requires a 36" wide strip of truncated domes raised .2" high, .9" wide min. & centered 2.35" apart) when a curb or handrail does not separate a walkway and a driveway. "This section may not be adopted Call 1-800-USA-ABLE for additional information."

PEDESTRIAN RAMPS

Sidewalks with slopes greater than 5% are considered a ramp. (3307a)

The maximum slope of a ramp is 1" to 12". (3307c.1)

Ramp width is 48" minimum, 60" if occupant load exceeds 300. (3307b.1)

Landings are required at top and bottom of ramps. (3307d.1-1)

a. Bottom landings and intermediate landings that exceed 30 deg. shall be 72" minimum, in direction of travel. (Fig. 33-11A and 3307d.1-6)

b. Top landing shall be 60" x 60" minimum. (3307d.1-2)

c. When door swings onto a landing, the minimum depth of the landing required is the door width plus 42". (3307d.1-3 and Fig. 33-11A)

d. If door swings onto a landing, the landing shall extend 24" past the strike edge of exterior doors or 18" for interior ramps. (3307d.1-4)

Handrails required on each side of ramps if slope exceeds 5%. They are continuous, 30"-34" above ramp surface, with 12" extensions beyond the top and bottom of a ramp and the ends returned. (3307e.1)

Handrails are 1-1/4" to 2" in diameter spaced 1 1/2" from wall. (3307e.1)

Ramps 10' or longer and not bounded by walls require a 2" high curb or wheel guide rail, centered 3" above the ramp. (3307h.1)

HAZARDS

Provide an 80" headroom clearance in paths of travel. (522f-2) (3326b)

Abrupt changes in level (drop offs) exceeding 4" adjacent to walks, except between walks and adjacent streets or drives, shall be identified by warning curbs, projecting 6" above walk surface. (3326a)

ADA 4.29 requires a 36" wide truncated surface when ever there is not a curb or posts seperating a pedestrian path of travel from a vehicular driveway. This includes curb ramps. The 36" wide truncated surface is not required to define a crosswalk.

Protruding objects between 27" and 80" above finished floor shall not protrude more than 4" into walks, corridors, etc. (522f-1)

Free standing objects, mounted on posts between 27" and 80" above the floor, may project a maximum of 12". (522f-1)

ADA requires, for transit boarding platforms and around unprotected reflecting pools, a yellow 36' wide dome truncated surface bordering a drop off or safe area. Provide directional arrows to doors if train stops consistently at one location.

SPECIAL ACCESS LIFTS

Lifts without key locks may be used between levels if a ramp is not practical, in lieu of an elevator or ramp. Lifts have a maximum height of 60". (5107a)

Recommend lifts be used for interiors only and not on the exterior of a facility.

III. ENTRANCES AND CIRCULATION

All primary entrances to buildings shall be accessible unless unreasonable hardship. (3301f)
ADA 4.3.11 All exterior fire exits on accessible levels to comply except for smoke towers, doors servicing stairs and fire exits less than 24" high. They must be signed to warn they are not accessible.

ENTRANCE SIGNAGE

___ All accessible building entrances to be identified with the international symbol of accessibility and additional directional signs, as needed, to be visible to persons along approaching pedestrian ways. (522b-7)

DOORS, VESTIBULES AND CORRIDORS

___ All required exit doors shall have 32" minimum clear opening, measured at 90 degrees (34" doors with approval). (3304f-1)

___ One leaf of a pair of doors to have a 32" minimum opening. (3304f-3)

___ Thresholds shall be 1/2" maximum, beveled 1 to 2 if it exceeds 1/4". (3304i.1-1, Fig. 33-5B)

___ Exterior landings may slope up to 1/4" per foot. (3304i.1,2.B)

___ Door hardware to be lever or push-pull type, mounted 30" to 44" AFF. Exterior doors shall have a 8.5 lb. maximum opening effort and 5 lbs. for interior doors. (3304c)

___ The lower 10" surface of a door shall have a smooth surface (no recess or trap).

Automatic and sliding doors are excepted. (3304i.3)

___ A clear area on each side of door, 60" deep in direction of door swing and 44" deep in direction opposite of door swing. (3304i.3)

___ Exterior doors require 24" clear space at the strike edge and 18" at the strike edge for interior doors. (3304i.1- 2C)

ADA 4.13 requires additional clear space on both the push and pull side when the door has both a latch and a closure, there is less than 60" in direction of the door swing, there is a parallel approach and or it's a sliding door. Check the ADA guidelines.

___ A 48" clear space between two consecutive doors in a vestibule with door positioned at 90 degrees from its closed position. Doors in series shall swing out of the vestibule. (3304i.1-2D, Fig. 33-5A)

___ A 32" clear opening access gate next to a turnstile. (3304i.4)

___ Corridors are 44" minimum wide or as required by occupant load. Corridors serving less than 10 occupants may be 36" wide. (3305b-1)

___ See Section 3305b-2 (Fig. 33-6) for corridors over 200 feet long.

FLOORS

___ Floors shall have a common level through out or shall be connected by pedestrian ramps, passenger elevators, or special access lifts. (522e)

ADA 4.5 requires a non skid surface, carpet pile is 1/2" max with a firm pad.

STAIRWAYS

___ Handrails are required on each side of a stairway. (3306j1-1)

___ Handrails shall be located 30" to 34" above nosing, extend 12" beyond top riser and 12" plus tread width beyond bottom nosing and return to a wall/newel post. (3306j1-2)

___ Handrails shall be 1-1/4" to 2" in diameter and 1-1/2" clear space between wall and handrail. (3306j.1-2)

___ Treads shall have smooth, rounded or chaffered edges and be slip resistant. (3306s-1)

___ Nosing shall not project more than 1-1/2" past face of the riser below. (3306s-2)

___ Risers shall be sufficiently solid to preclude objects larger than 1/2" from passing through. (3306s-3)

___ Provide stairway identification signs at each floor landing in all enclosed stairways, four or more stories in height, or multistory buildings. The information in raised Arabic numerals and braille symbols identifying the stairway, the floor level, the upper and lower terminus of the stairway, and whether there is roof access. Signs shall be mounted on wall, next to the strike edge of the door, about 5' above the floor. (3306q)

___ The top and lower tread of each flight of interior stairs shall be marked with a contrasting colored non skid 2" wide stripe within 1" of the tread nose. (3306r)

___ All exterior stair treads shall have a contrasting colored non-skid 2" wide stripe within 1" of tread nose. (3306r)

ELEVATORS

___ Passenger elevators shall be 68" wide X 54" deep and a 36" minimum clear opening.

(5103d.1-4)

- ___ Passenger elevators serving an occupant load less than 50 may have a minimum car size of 54"X 54" with a 32" minimum clear opening. (5103d.1-4)
- ___ Provide handrail on rear wall, 32" above the floor. (5103d.1-5)
- ___ In buildings of 4 or more stories one elevator shall be 80"X 54" deep and a 42" minimum clear opening. (5103e UBC)
- ___ Raised braille and Arabic numerals are required on left of control buttons and on door jambs, about 60" above the floor. (5103d.1,4)
- ___ Floor buttons shall be between 30" and 54" above cab floor, raised 1/8", + or - 1/32". The telephone shall have a 28" long cord. (5103)
- ___ ADA 4.10.7 requires elevator doors to have automatic door reopening devices and doors must remain open a certain period of time and audible signals to indicate floors for the hearing impaired.

IV SANITARY FACILITIES

In case of hardship in an existing building A. Not all restrooms need be accessible if there is one within a reasonable distance B. stalls may be 36" wide & 48" in front of W.C. or 32" beside and in front of W.C. C. Allow a 30" door opening. (511.1a,1A-B-C)

ADA allows a unisex restroom in existing building in cases of hardship.

ACCESS & IDENTIFICATION:

- ___ Sanitary facilities located on complying floors of a building shall be accessible to persons with disabilities. (511.1a-3)
- ___ Doorways to restrooms shall have a 32" clear opening width and 18" clear at the strike edge of the door. (511.1a,5)
- ___ There shall be a 60" clear, level area in direction of entry door swing and 44" in opposite direction of door swing. (511.1a,5)
- ___ Contrasting colored symbols, 1/4" thick, shall be affixed to entry doors about 60" above the floor. A 12" equilateral triangle for men and a 12" diameter circle for women. The Unisex symbol is a 12" equilateral triangle affixed to a 12" circle, 1/4" thick. (511.1a6) & ADA 4.30
- ___ Electrical switches located 36" - 48" AFF. (380-8)

MULTIPLE ACCOMMODATION RESTROOMS: (511.1a,7 & figure 5-1B)

- ___ Provide 60" diameter or 56"X 63" turn around area, 27" high.
- ___ Doors, other than stall compartment doors, are not to encroach more than 12" into the above space.
- ___ Provide a 32" clear space beside a water closet and a wall or 28" if there is a fixture.
- ___ A 48" clear space in front a water closet for a frontal entry or 60" for a side entry.
- ___ A 32" opening for front entry doors and 34" for side entries.
- ___ 18" from the center line of the water closet to the grab bar.
- ___ Proposed Title 24 requires A. complying door handle on both sides of accessible stall door.

___ A stall, in addition to the accessible stall, 36" wide with grab bars and the door swinging out when there are 6 or more stalls.

SINGLE ACCOMMODATION RESTROOMS: (511.1a,8 & figure 5-1A)

- ___ There must be room for a wheelchair 30" X 48" to enter and shut the door.
- ___ Proposed Title 24 requires room for a wheelchair 30" X 60" to enter and shut the door.
- ___ Water closet shall be located 32" from the far wall, 28" from a fixture and 18" to center line from the near wall.
- ___ There shall be 48" minimum clear space in front of the water closet.
- ___ In case of hardships, restrooms in existing buildings may comply with Section (511.1a-1A-B-C & figure 5-1C)

GRAB BARS AT WATER CLOSET: (511.1a,9)

- ___ A 42" long grab bar at side, 33" above floor and extending 24" in front of water closet. A 36" grab bar at rear of W.C., 33"-36" AFF.
- ___ Bars are 1 1/4" - 1 1/2" in diameter and a 1-1/2" clearance from wall.
- ___ Bars shall with stand 250 lbs. loads and not twist in mounts.

WATER CLOSET: (1502)

- ___ Height of water closet seat shall be 17" to 19" above floor.

___ Flush valve shall protrude to the wide side of the stall and 44" maximum AFF. The maximum force to activate the flush valve shall be 5 lbs.

URINALS (1503)

___ Where urinals are provided, the rim of at least one shall project 14" from the wall and the lip is 17" maximum AFF.

___ 5 lb max force to activate the flush valve shall and located 44" maximum above floor.

___ Provide 48"x 30" wide clear floor space. (511.1 b-4)

LAVATORIES (1504) (511.1b)

___ Provide 30" x 48" clear floor space for forward approach. The clear floor space may include knee and toe space under lavatory described below.

___ Provide a clear space beneath lavatories 29" high by 30" wide by 8" deep (knee space) and 9" above the floor. This space shall be 17" minimum deep from front of lavatory.

___ 18" min. to center line of lavatories, with rim or counter top surface 34" maximum AFF.

___ Hot water and drain pipes, under lavatories, shall be insulated.

___ Faucet controls and operating mechanism (operable with one hand) shall be of the type not requiring tight grasping, pinching or twisting of the wrist and an operating force not exceeding 5 lbs.

___ Self-closing valves to remain open at least 10 seconds

TOILET ROOM ACCESSORIES (511.b)

___ The bottom of a Mirror shall be 40" maximum above the floor.

___ Toilet tissue dispensers shall be mounted within 12" of the front edge of toilet seat.

(2511b-3, fig. 2-5-1A)

___ Operating parts of dispensing and disposal fixtures (towels, waste, coin slots, etc.) shall be within 40" of the floor.-

BATHING FACILITIES 511.1(a)10

___ One such facility (tub or shower) shall comply, when provided for the public, clients or employees.

SHOWERS 511.1(a)10-15 , 511.1(b) & 1505

___ Shower compartment shall be 42" wide, 48" deep, with a 36" wide entrance and a 1/2" maximum threshold beveled at 45 degrees.

___ Shower floors shall be slip resistant and slope at 1/2" per foot maximum to the drain, located within 6" of rear wall.

___ Shower accessories shall include;

- a. A folding seat located on wall opposite the controls, mounted 18" above the floor.
- b. Grab bars located on walls adjacent to and opposite the seat. Grab bars to be 1 1/4" - 1 1/2" in diameter and 1/2" clearance to the wall, not less than 24" long on adjacent wall and 36" on wall opposite seat and mounted between 33" - 36" AFF.
- c. The Bending, tensile and shear stress of grab bars and seat shall be 250 lbs. minimum.
- d. In open or gang showers the handicap shower may be located in a corner with the seat adjacent to control wall and L shaped on two adjacent walls.
- e. Single lever mixing valve controls (5 lbs maximum operating force) and soap dish are located 40" AFF on the wall opposite the seat.
- f. Supply a 60" hand held flexible hose with head mounted 48" maximum AFF.
- g. In areas subject to vandalism, in lieu of 60" hose, you may provide two independently operated shower heads that swivel, one at 40" AFF.
- h. If two or more showers are located in same functional area, one shall be for left handed and one for right handed.
- i. If enclosures are provided they shall not obstruct transfer from wheelchair to shower and a door shall swing out.

BATHTUBS T-24 1506 & ADA 4.20

___ Provide a 60" hand held shower spray hose

___ Enclosures shall not obstruct access to tub from wheelchair and no enclosure tracks mounted on tub rims.

A 48" X 30" clear space beside the tub, from the control wall and lever controls.

ADA 4.20 Provide a securely fastened 15" wide seat in the tub or at head of the tub and lever type controls.

Two 48" minimum grab bars mounted on long wall, one 6" above the tub, the other 33"-36" AFF if the seat is at head of tub. If the seat is in the tub the grab bars

shall be 24" minimum . A 24" minimum long grab bar mounted between 33" and 36" AFF on control wall and wall opposite control wall.

ADA 4.28 Where required, visual fire alarms to be placed in public restrooms.

Note on the plans that handicapped bathing facilities shall conform to requirements of section 511.1a-10, 1505 and 1506 and the ADA.

V GENERAL REQUIREMENTS

DRINKING FOUNTAIN (511.1c & 1507)

___ The water fountain to be located in an alcove 32" wide and 18" minimum deep. In existing building you may provide wing walls or different floor texture, extending 12" beyond the sides of the water fountain.

___ Drinking fountains shall have a 27" clearance underneath or comply with #2 under lavatories.

___ The bubbler shall be located 36" max. AFF and within 6" of the front.

ADA 4.1.3.10 Where only one drinking fountain is provided there shall be one complying with 4.15 & one accessible to those who have difficulty bending or stooping or a hi-low.

___ Lever or push bar operated, located within 6" of the front.

PUBLIC TELEPHONES (511.1d)

___ Provide a 30" x 60" space for a parallel approach to telephones with walls on 3 sides or 48"x 30" for a forward approach.

___ Note that public telephones must comply with section 511.1(d)

___ One phone per location shall have volume control for hearing impaired.

ADA 4.31 requires a text type phone for 4 or more public phones per building or at Convention Centers or Public Transportation Centers and at least one phone per location to be 48" AFF to highest operable point.

EMPLOYEE WORK STATIONS

ADA 4.1.3. A 36" minimum aisle is required to and behind all required work stations.

Five % of counter or bar top widths or 36" minimum, to be 34" max AFF. Five % of fixed or built in seating and tables shall have a 27" AFF X 30" in width, clear knee space and the surface tops between 28" - 34" AFF.

ADA and the Proposed Title 24 Exempts maintenance areas, mechanical rooms, electrical closets, maintenance areas for ATM's & soda machines and similar areas, non public roof areas and security observation areas more than six feet high.

ATM, VENDING & POINT OF SALE MACHINES

ADA 4.34 Controls for ATM, vending and point of sale machines must be between 45" & 48" and a parallel approach. 1 accessible ATM per location. Display are to be tilted tilted downward.

FLOOR SURFACES

ADA 4.5 Floor surfaces shall be non-skid, firm and a 1/2" maximum high carpet pile.

Gratings are 1/2" wide maximum.

STORAGE AREAS

ADA 4.25 At least one fixed storage area shall be accessible lever door hardware, clear floor space and 54" maximum high clothes rod.

ELECTRICAL & FIRE ALARM REQUIREMENTS

___ 15, 20 and 30 amp. receptacles, installed 12" min. above a floor. (3-210-50c) ADA 4.27.3

ADA 4.27 Electrical and communication receptacles to be 15" minimum AFF.

___ Electrical, fire alarm boxes and environmental control switches, used by room occupants are installed between 36"-48" above the floor and have a clear floor space below. (3-380-8c) ADA 4.27 requires a 44" height if you reach across a 20" to 24" shelf and a maximum 25" reach.

ADA 4.28.3 requires visual fire alarms 80" AFF in common use areas including lobbies and hallways, where fire alarms are required.

SIGNAGE

ADA 4.30 Permanent signage identifying rooms or spaces to have lettering 5/8" to 2" high, raised 1/32" and braille, this does not apply to directories or informational signs. Lettering on other signs shall be 3" high for signs to be read at a distance or posted above the floor. ADA 4.30. Pictograms must include lettering & a 6" border.

VI GROUP A OCCUPANCY REQUIREMENTS

ASSISTIVE LISTENING SYSTEMS, ASSEMBLY AREAS (611f)

- ___ This assembly area requires ___ personal listening devices located within 50' of the stage.
- ___ Post a sign displaying the international symbol of deafness indicating that assistive listening devices are available.
- ___ ADA 4.33.6-7 requires assistive listening devices in all assembly areas with 50 or more seats with a permanently installed sound system, this includes schools & colleges.
- AUDITORIUMS, ASSEMBLY HALLS, THEATERS, ETC (611b)**
- ___ This facility requires ___ wheelchair seating spaces when there are more than 4 seats.
- ___ ADA 4.32 requires a seat for a companion next to wheelchair seat and removable or flip up arms on aisle seats, equaling 1% of the total seats. Accessible seating shall adjoin an accessible aisle to allow egress in cases of an emergency.
- ___ If seating capacity exceeds 300, wheelchair seating shall be disbursed to provide accessible seating in a variety of ticket price locations.
- ___ Exception: Accessible seating may be clustered for bleachers, balconies or other areas having sight lines that require slopes greater than 5%.
- ___ Wheelchair spaces are 60" long X 30" wide with a 36" aisle to each seating location.
- ___ 2% of seats to be accessible for semi-ambulant persons. Clear leg space in front of seat shall be 24" minimum.
- ___ Stages, closed and unenclosed platforms, orchestra pits, employee and customer sides of ticket booths and refreshment booths shall be accessible.
- ___ If there is a hardship to provide access to the second floor of a 2 story theater, you may exempt the upper level if the films are rotated to the accessible level on an equal basis.
- STADIUMS, GRANDSTANDS, BLEACHERS, PAVILIONS, GYMNASIUMS (611c)**
- ___ This facility requires ___ wheelchair seating spaces.
- ___ When seating capacity exceeds (ADA is more than 4) and T-24 is 300, wheelchair seating (60" X 30") shall be in more than one location and a variety of ticket price locations.
- ___ Ticket booths must be accessible on customer & employee sides.
- ___ All participant areas such as exercise rooms, ball courts, tracks and clubrooms/houses shall be accessible.
- ___ All sanitary facilities & locker rooms must comply with Section 511.1.
- ___ Accessible seating may be clustered for bleachers, balconies and other areas having sight lines that require slopes of greater than 5%.
- DINING, BANQUET AND BAR FACILITIES (611D)**
- ___ All primary entrances to be accessible.
- ___ All functional areas to be accessible including a 32" min opening in the bar and a 36" wide area behind the bar.
- ___ Bar tops shall have a section 36" wide or 5% and 34" AFF for accessible seating.
- ___ # ___ wheelchair seating spaces are required, based on 1 per 20 seats. Wheelchair seating shall be located in all functional areas.
- ___ Aisles to wheelchair seating shall be 36" minimum in width.
- ___ Cafeteria line aisles to be 36" minimum width, ADA 5.1-6 recommends a 42" wide aisle and 34" maximum high tray slides with a reasonable number of self service shelves to be within reach. 5.1-8.
- ___ Entries to food prep areas shall comply with Section 3304. ADA requires 36" wide aisles in food prep areas.
- RELIGIOUS FACILITIES (611e)**
- ___ Sanctuary areas shall be accessible.
- ___ Provide ___ wheelchair seating spaces. (611b-1A)
- ___ Provide access to all raised platforms and choir areas.
- ___ Assembly areas, raised platforms and stages must be accessible.
- ___ Offices and classrooms must comply.
- ___ All sanitary facilities must comply with Section 511.1.
- VII GROUP B OCCUPANCY REQUIREMENTS:**
- BUSINESS & PROFESSIONAL OFFICES, PUBLIC SERVICE FACILITIES (712b-1,2 & 4)**
- ___ Visitor areas, office areas and rest rooms must be accessible.
- ___ Conference, counseling, cubicles and other rooms must be accessible.
- ___ Employee work areas shall have a 36" minimum wide clear access.
- ___ ADA 7.2 Five 5% but not less than 1 bank teller stations to be 34" max AFF.

SALES FACILITIES (712b-3)

- ___ General sales, office areas and related toilet rooms must comply.
- ___ Sales employee work stations shall be accessible. The customer side of sales/checkout stations shall be 36" wide.
- ___ Provide accessible check stands for disabled persons, based on 1 to 8.
- ___ At least one quick check stand shall be accessible.
- ___ Accessible check stands to have a sign displaying the international handicap symbol and stating "This check stand must be open at all times for customers with a disability".

SHOPPING CART THEFT BARRIERS (712b-3E)

- ___ All public entrances and exits must be accessible to disabled persons.
- ___ Barriers must provide a 32" clear opening to allow wheelchair access.

FITTING & DRESSING ROOMS (712b-3F)

- ___ Fitting & dressing rooms shall accessible, if provided for both sexes, then one of each type shall be accessible. Minimum dimension is 60"X 60".
- ___ A clothing hook shall be 48" maximum high and bottom of mirror mounted within 20" of the floor and a bench with space beside it for a wheelchair, ADA.

POLICE, LAW ENFORCEMENT, COURTROOMS & FIRE FACILITIES (712b-6)

- ___ Offices, classrooms, conference rooms, dispatch rooms, etc and related sanitary facilities must be accessible.
- ___ Detention visitor areas shall be accessible.
- ___ Minimum of one detention cell and related sanitary facilities shall comply.
- ___ Courtrooms, Judge's chambers & bench, jury box, witness stand and public seating must be accessible.

FACTORIES (712c-1)

- ___ Principal & major floor areas, including office areas must be accessible.
- ___ All sanitary facilities must be accessible.

WAREHOUSES (712c)

- ___ Warehouse areas/floors, located closest to grade, shall be accessible.
- ___ Office areas and related sanitary facilities shall be accessible.

GROUP H OCCUPANCY REQUIREMENTS (913a)

- ___ All sanitary facilities must comply.
- ___ All primary entrances, walkways, corridors and offices on accessible levels to comply.
- ___ Pathways to work stations must be 36" wide with 32" door openings.

GROUP R-1 HOTEL, MOTEL AND DORMITORY REQUIREMENTS (1214.1a)

- ___ Provide ___ accessible guestrooms or dormitory rooms. (1214.1a-1) Related sanitary facilities must comply as well. (1214.d)
- ___ All other guestrooms & dormitory rooms are required to have an 18" clear space at the strike edge of the entry door, a 32" clear opening bathroom door that swings out to allow a person using a wheelchair 30"X 48" to enter and touch the chair to all fixtures.
- ___ Guestroom entry doors are required to have lever type hardware.
- ___ Public and common use areas must comply.
- ___ Pools & recreational areas must comply with Sections 611c & 1107a.
- ___ When guestrooms provide kitchen units, one per 25 shall comply with sections 1214.1b. (1214.1a-5) ADA 9.1.2 requires roll in showers when there are more than 50 guestrooms. The accessible rooms to have 32" clear beside and 48" in front of the water closet. The Accessible rooms shall be dispersed among various classes of accommodations to provide all prices, number of beds and amenities for individuals with a disability.
- ___ ADA 9.3- Five % of rooms plus the accessible rooms shall have visual fire alarms and notification devices.

VIII ADDITIONS AND TENANT IMPROVEMENTS TO EXISTING FACILITIES (110A.b-11A.5)

- ___ The area of remodel must comply.
- ___ One path of travel to the area of remodel shall comply.
- ___ The restrooms, water fountains and telephones that serve the area of remodel must comply and be accessible to persons with disabilities.

IX ADDITIONAL CORRECTIONS OR REMARKS

Disabled Access Consultants (714) 496-7591 T24A _____

Mission Viejo Program/Service Self Evaluation Checklist

Name

Date

Department

NATURE OF PROGRAM/SERVICE:

1. Describe Program or Service. _____

2. What are the specific activities that comprise the program or services? _____

PROGRAM OR SERVICE REQUIREMENTS

Yes No N/A

- ___ ___ 1. Are there any limitations or ratios for the number of individuals with disabilities who may participate in a service or be admitted to a program.
- ___ ___ 2. Are criteria (such as good health, residency, letters of recommendation, driver's license) or tests (such as skills, level of achievement, written or oral exams) used in the admission or application process.
- ___ ___ 3. Are any registration or application forms required ?
If yes, attach all forms.
- ___ ___ 4. Do the required forms contain a notice that the City of Mission Viejo does not discriminate against people with disabilities ?

PARTICIPATION IN PROGRAM OR SERVICE

Yes No N/A

- ___ ___ ___ 1. Who participates in program or service, include ages, sex, abilities, etc?

- ___ ___ ___ 2. Do participants/applicants have an opportunity to provide information about their abilities to ensure that proper accommodations are provided ?

- ___ ___ ___ 3. If yes, what steps are taken to ensure that voluntary information gathered in confidentiality, is not used to adversely affect any person ? _____

- ___ ___ ___ 4. Is staff trained to perceive or sense if an applicant has a disability that may require special accommodation?

- ___ ___ ___ 5. Is there an orientation program for new participants/applicants? If yes, please describe: _____

- ___ ___ ___ 6. Are any written materials, tools, equipment or other aids or devices used in the program or service? If yes, please list: _____

- ___ ___ ___ 7. Are adaptations made to accommodate people with disabilities? If yes, please describe: _____

Yes No N/A

- ___ ___ 8. Are adaptive aids used to assist people with disabilities (tools, moveable light sources, adjustable tables, etc.)? If yes, please describe: _____

- ___ ___ 9. Have people with disabilities participated in the program or service during the past year? If yes, how many and with what disabilities? _____

- ___ ___ 10. Once in the program, are participants tested, or is any other form of evaluation of the participants used? If yes, describe the test evaluation and attach any written forms that are used. _____

- ___ ___ 11. Are participants asked to evaluate the program or service? If yes describe the evaluation process. _____

- ___ ___ 12. Have you had any requests for improving access to the program or service? If yes, please describe: _____

FACILITIES

- ___ ___ 1. Please list all facilities, or portions of facilities, used for the program or service. Include all facilities used, leased or owned. _____

- ___ ___ 2. Are the facilities or sites used for registering or applying for the program or service accessible to people with disabilities?

PROGRAM OR SERVICE STAFF

Yes No N/A

___ ___ ___ 1. Does anyone on the program or service staff have experience working with individuals with disabilities? If yes, please explain:_____

___ ___ ___ 2. Do individuals or groups other than the regular staff provide assistance relating to the program or service? If yes, please list and describe:_____

PROGRAM OR SERVICE ADVERTISEMENT

___ ___ ___ 1. Is the program or service advertised or are potential participants otherwise informed of the program or service availability (meetings or oral presentations, printed materials, advertisements or other methods)? If yes, please describe:_____

___ ___ ___ 2. Could steps be taken to ensure the accessibility of information to individuals with disabilities, including individuals with vision and hearing disabilities? If yes, please describe:_____

PERSONAL OPINION

If any, what steps could be taken to increase program or service access for people with disabilities?
