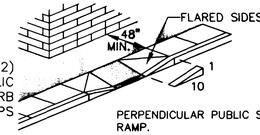
NOTE: THE DETAILS ON THIS SHEET ARE MINIMUM ADA STANDARDS THAT MUST BE COMPLIED WITH. REFER TO DETAILED ENGINEERING PLANS FOR SPECIFIC REQUIREMENTS. THE CONTRACTOR SHALL ADVISE THE ENGINEER OF ANY DETAILS ON THE CIVIL PLANS THAT DO NOT COMPLY WITH THE MINIMUM ADA STANDARDS SHOWN HEREON.

SEC. 14.2.4 PUBLIC SIDEWALK CURB RAMPS

PUBLIC SIDEWALK CURB RAMPS SHALL BE PERPENDICULAR TO THE CURB AT STREET CROSSINGS AND EACH SHALL HAVE A LEVEL LANDING AT THE TOP.

SEC. 14.2.4(2) TYPES OF PUBLIC SIDEWALK CURB RAMPS



PERPENDICULAR PUBLIC SIDEWALK CURB RAMP.

17 SECTION 14 PUBLIC RIGHTS-OF-WAY
SCALE: NONE
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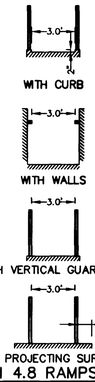
SEC. 4.8.7 EDGE PROTECTION



RAMPS AND LANDINGS WITH DROP-OFFS SHALL HAVE CURBS, WALLS, RAILINGS, OR PROJECTING SURFACES THAT PREVENT PEOPLE FROM SLIPPING OFF THE RAMP. CURBS SHALL BE A MINIMUM OF 2 IN. HIGH.

13 SECTION 4.8 RAMPS
SCALE: NONE
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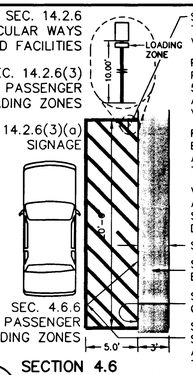
SEC. 14.2.6 VEHICULAR WAYS AND FACILITIES

SEC. 14.2.6(3) PASSENGER LOADING ZONES

SEC. 14.2.6(3)(a) SIGNAGE

SEC. 4.6.6 PASSENGER LOADING ZONES



SIGNS SHALL BE LOCATED SO THAT THEY CANNOT BE OBSCURED BY A VEHICLE PARKING IN THE SPACE.

PASSENGER LOADING ZONES SHALL PROVIDE AN ACCESS AISLE AT LEAST 5'-0" WIDE AND 20'-0" LONG ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE.

REQUIRE CURB RAMP OR ZERO ELEVATIONS AT LOADING ZONE, ACCESS AISLE AND SIDEWALK (ACCESSIBLE ROUTE TO BUILDING).

VEHICLE STANDING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACE SLOPES NOT EXCEEDING 2% IN ALL DIRECTIONS.

SIDEWALK WIDTH, 3'0" MINIMUM

SIDEWALK CROSS SLOPE, NOT TO EXCEED 2%

SIDEWALK ACCESS AISLE, ZERO CURB LINE

SUGGEST ZERO CURB LINE AT VEHICLE STANDING SPACE AND ACCESS AISLE. ACCESS AISLE AND SIDEWALK ONE AND THE SAME

9 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
SCALE: NONE
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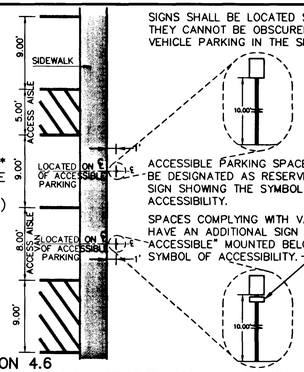
SEC. 4.6.4* SIGNAGE (INSTANCE "B")



SIGNS SHALL BE LOCATED SO THAT THEY CANNOT BE OBSCURED BY A VEHICLE PARKING IN THE SPACE.

ACCESSIBLE PARKING SPACES SHALL BE DESIGNATED AS RESERVED BY A SIGN SHOWING THE SYMBOL OF ACCESSIBILITY.

SPACES COMPLYING WITH VAN SHALL HAVE AN ADDITIONAL SIGN "VAN-ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY.

5 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
SCALE: NONE
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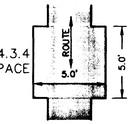
SEC. 4.3.3 WIDTH

THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 IN. EXCEPT AT DOORS

SEC. 4.3.4 PASSING SPACE



IF AN ACCESSIBLE ROUTE HAS LESS THAN 60 IN. CLEAR WIDTH, THEN PASSING SPACES AT LEAST 60 IN. BY 60 IN. SHALL BE LOCATED AT REASONABLE INTERVALS NOT TO EXCEED 200 FT.

SEC. 4.3.7 SLOPE

NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:50

1 SECTION 4.3 ACCESSIBLE ROUTE
SCALE: 1" = 5'
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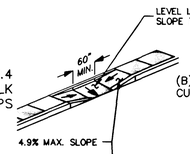
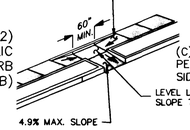
SEC. 14.2.4 PUBLIC SIDEWALK CURB RAMPS



(B)PARALLEL PUBLIC SIDEWALK CURB RAMP

SEC. 14.2.4(2) TYPES OF PUBLIC SIDEWALK CURB RAMPS (TYPE B)



(C)COMBINED (PARALLEL/ PERPENDICULAR) PUBLIC SIDEWALK CURB RAMP

LEVEL LANDING – 2% MAX. SLOPE TO STREET.

18 SECTION 14 PUBLIC RIGHTS-OF-WAY
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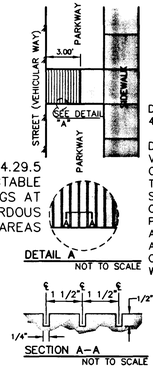
SEC. 4.29.5 DETECTABLE WARNINGS AT HAZARDOUS VEHICULAR AREAS



DETECTABLE WARNINGS REQUIRED BY 4.1 AND 4.7 SHALL COMPLY WITH 4.29.

DETECTABLE WARNINGS AT HAZARDOUS VEHICULAR AREAS. IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND THE VEHICULAR AREAS, THE BOUNDRY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 IN. WIDE.

14 SECTION 4.7 RAMPS
SCALE: NONE
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SEC. 4.8.1* GENERAL

ANY PART OF AN ACCESSIBLE ROUTE WITH A SLOPE GREATER THAN 1:20 SHALL BE CONSIDERED A RAMP.

SEC. 4.8.2* SLOPE AND RISE

THE MAXIMUM SLOPE OF A RAMP IN NEW CONSTRUCTION SHALL BE 1:12 (8.33%).

THE MAXIMUM RISE OF ANY RUN SHALL BE 30 IN.

THE MAXIMUM RUN OF ANY RAMP CAN BE 40 FEET WHEN THE SLOPE IS FROM 1:16 TO 1:20.

THE MAXIMUM RUN OF ANY RAMP CAN BE 30 FEET WHEN THE SLOPE IS FROM 1:12 TO 1:16.

10 SECTION 4.8 RAMPS
SCALE: NONE
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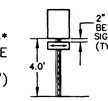
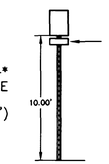
SEC. 4.6.4* SIGNAGE (INSTANCE "C")



MOUNTED ON CENTERLINE OF ACCESS AISLE 1'-0" BEYOUND SIDEWALK (ACCESSIBLE ROUTE)

SEC. 4.6.4* SIGNAGE (INSTANCE "D")



SPACES COMPLYING WITH VAN SHALL HAVE AN ADDITIONAL SIGN "VAN-ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY.

MOUNTED ON CENTERLINE OF ACCESSIBLE PARKING SPACE 1'-0" BEYOUND SIDEWALK (ACCESSIBLE ROUTE)

6 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
SCALE: NONE
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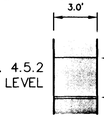
SEC. 4.5.2 CHANGES IN LEVEL



CHANGES IN LEVEL UP TO 1/4 IN. MAY BE VERTICAL AND WITHOUT EDGE TREATMENT.

CHANGES IN LEVEL BETWEEN 1/4 IN. AND 1/2 IN. SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

SEC. 4.5.4 GRATINGS

IF GRATINGS ARE LOCATED IN WALKING SURFACES, THEN THEY SHALL HAVE SPACES NO GREATER THAN 1/2 IN. WIDE IN ANY ONE DIRECTION.

IF GRATINGS HAVE ELONGATED OPENINGS, THEN THEY SHALL BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.

2 SECTION 4.5 GROUND AND FLOOR SURFACES
SCALE: 1" = 5'
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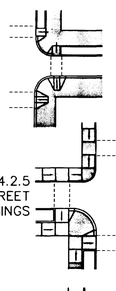
SEC. 14.2.4 PUBLIC SIDEWALK CURB RAMPS

(A)PERPENDICULAR PUBLIC SIDEWALK CURB RAMPS IN PUBLIC SIDEWALKS WITH PARKWAY.

(B)PERPENDICULAR PUBLIC SIDEWALK CURB RAMP IN PUBLIC SIDEWALK.

SEC. 14.2.5 PEDESTRIAN STREET CROSSINGS



(C)PARALLEL PUBLIC SIDEWALK CURB RAMP IN PUBLIC SIDEWALK

(D)COMBINATION PUBLIC SIDEWALK CURB RAMP IN PUBLIC SIDEWALK WITH PARKWAY.

(E)PERPENDICULAR PUBLIC SIDEWALK CURB RAMP AT PROJECTED INTERSECTIONS.

19 SECTION 14 PUBLIC RIGHTS-OF-WAY
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SEC. 4.30.1* GENERAL

SIGNAGE REQUIRED TO BE ACCESSIBLE BY 4.1 SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF 4.30

SEC. 4.30.2* CHARACTER PROPORTION

LETTERS AND NUMBERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO BEWEEN 3:5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO BETWEEN 1:5 AND 1:10

SEC. 4.30.5* FINISH AND CONTRAST

CHARACTERS AND SYMBOLS SHALL CONSTRAST WITH THEIR BACKGOUND – EITHER LIGHT CHARACTERS ON DARK BACKGOUND OR DARK CHARACTERS ON A LIGHT BACKGROUND

FACILITIES AND ELEMENTS REQUIRED TO BE IDENTIFIED AS ACCESSIBLE BY 4.1 SHALL USE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.

18" x 24" SPECIAL HANDICAP SIGN (WHITE LETTERS ON HANDICAP BLUE BACKGROUND) WITH 1.5" LETTERS AND INTERNATIONAL HANDICAP SYMBOL.

SEC. 4.30.7* SYMBOLS OF ACCESSIBILITY

VAN ACCESSIBLE — 18"x 6" ADVISORY PLATE WITH 2" LETTERS.

LOADING ZONE — SPECIAL 18" x 6" HANDICAP SIGN ADVISORY PLATE WITH 2" LETTERS.

VALET — SPECIAL 18" x 6" HANDICAP SIGN ADVISORY PLATE WITH 2" LETTERS.

SPECIAL 18" x 6" HANDICAP SIGN DIRECTIONAL ARROW(S) 2"

15 SECTION 4.3 SIGNAGE
SCALE: NONE
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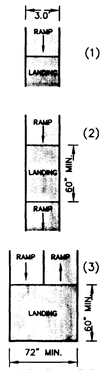
SEC. 4.8.4* LANDINGS



(1) RAMPS SHALL HAVE LEVEL LANDINGS AT BOTTOM AND TOP OF EACH RAMP AND EACH RAMP RUN.

(2) THE LANDING SHALL BE AT LEAST AS WIDE AS THE RAMP RUN LEADING TO IT.

THE LANDING LENGTH SHALL BE A MINIMUM OF 60 IN. CLEAR.

(3) IF RAMPS CHANGE DIRECTION AT LANDINGS, THE MINIMUM LANDING SIZE SHALL BE 60 IN. BY 60 IN.

11 SECTION 4.8 RAMPS
SCALE: NONE
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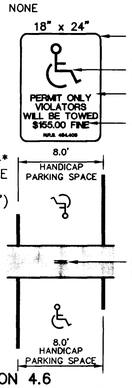
SEC. 4.6.4* SIGNAGE (INSTANCE "E")



1 1/2" ROUNDED CORNERS TYPICAL

WHITE INTERNATIONAL HANDICAP SYMBOL

HANDICAP BLUE BACKGROUND

WHITE 1 1/2" TYPE "C" LETTERS

TYPICAL HANDICAP SIGN PLACEMENT MOUNT ON COLUMN, WALL OR POST. HANDICAP SIGN DETAIL ABOVE

7 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
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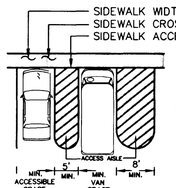
SEC. 4.6.2 LOCATION

ACCESSIBLE PARKING SPACES SERVING A PARTICULAR BUILDING SHALL BE LOCATED ON THE SHORTEST ROUTE OF TRAVEL FROM ADJACENT PARKING TO AN ACCESSIBLE ENTRANCE.

IN BUILDINGS WITH MULTIPLE ACCESSIBLE ENTRANCES WITH ADJACENT PARKING, ACCESSIBLE PARKING SPACES SHALL BE DISPERSED AND LOCATED CLOSEST TO THE ACCESSIBLE ENTRANCES.

SEC. 4.6.3* PARKING SPACES



ACCESSIBLE PARKING SPACES SHALL BE AT LEAST 108 IN. WIDE. PARKING ACCESS AISLES SHALL BE PART OF AN ACCESSIBLE ROUTE TO THE BUILDING OR FACILITY ENTRANCE AND SHALL COMPLY WITH 4.3.

PARKING SPACES AND ACCESS AISLES SHALL BE LEVEL WITH SURFACES SLOPES NOT EXCEEDING 2.0% IN ALL DIRECTIONS.

3 SECTION 4.6 PARKING AND PASSENGER LOADING ZONE
SCALE: NONE
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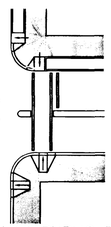
SEC. 14.2.5(2)* MARKED CROSSINGS

MARKED CROSSINGS SHALL BE DELINEATED IN MATERIALS OR MARKINGS THAT PROVIDE A VISUAL CONTRAST WITH THE SURFACE OF THE STREET

SEC. 14.2.5(3)* ISLANDS



RAISED ISLANDS IN CROSSINGS SHALL BE CUT THROUGH LEVEL WITH THE STREET OR HAVE PUBLIC SIDEWALK CURB RAMPS AT BOTH SIDES AND A LEVEL AREA 48 IN. MINIMUM AND A MINIMUM OF 36 IN. WIDE IN THE PART OF THE ISLAND INTERSECTED BY THE CROSSINGS.

20 SECTION 14 PUBLIC RIGHTS-OF-WAY
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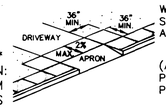
SEC. 14.1* GENERAL

ALL AREAS, ELEMENTS AND FACILITIES INTENDED FOR PEDESTRIAN ACCESS, CIRCULATION, AND USE THAT ARE CONSTRUCTED, INSTALLED OR ALTERED IN THE PUBLIC RIGHTS-OF WAY AND WHICH ARE SUBJECT TO TITLE II OF THE ADA SHALL COMPLY WITH 14 AND WITH PROVISIONS OF 4.1 THROUGH 4.35 THAT ARE NOT OTHERWISE SPECIFIED IN THIS SECTION.

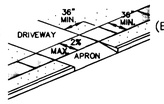
SEC. 14.2* NEW CONSTRUCTION: MINIMUM REQUIREMENTS



WHERE PROVIDED, PUBLIC SIDEWALKS SHALL CONTAIN A CONTINUOUS PASSAGE.

(A) SIDEWALK WITHOUT PARKWAY WHERE CONTINUOUS PASSAGE BYPASSES APRON.

SEC. 14.2.1* PUBLIC SIDEWALKS



(B) SIDEWALK WITH PARKWAY.

16 SECTION 14 PUBLIC RIGHTS-OF-WAY
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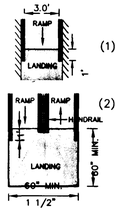
SEC. 4.8.5* HANDRAILS



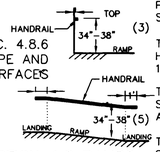
IF A RAMP RUN HAS A RISE GREATER THAN 6 IN. OR A HORIZONTAL PROJECTION GREATER THAN 72 IN., THEN IT SHALL HAVE HANDRAILS ON BOTH SIDES.

(1)

(2) HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.

IF HANDRAILS ARE NOT CONTINUOUS, THEY SHALL EXTEND AT LEAST 12 IN. BEYOND THE TOP AND BOTTOM OF THE RAMP SEGMENT AND SHALL BE PARALLEL WITH THE FLOOR OR GROUND SURFACE.

SEC. 4.8.6 CROSS SLOPE AND SURFACES



(3) THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 1 1/2" IN.

TOP OF HANDRAIL GRIPPING SURFACES SHALL BE MOUNTED BETWEEN 34 IN. AND 38 IN. ABOVE RAMP SURFACES.

THE CROSS SLOPE OF RAMP SURFACES SHALL BE NO GREATER THAN 1:50.

12 SECTION 4.8 RAMPS
SCALE: NONE
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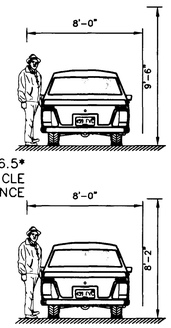
SEC. 4.6.5* VEHICLE CLEARANCE



PASSENGER LOADING ZONE

PROVIDE MINIMUM VERTICAL CLEARANCE OF 114" AT ACCESSIBLE PASSENGER LOADING ZONES AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE TO SUCH AREAS FROM SITE ENTRANCE(S) AND EXIT(S).

VAN ACCESSIBLE SPACE

AT PARKING SPACES COMPLYING WITH VAN, PROVIDE MINIMUM VERTICAL CLEARANCE OF 98 IN. AT THE PARKING SPACE AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE TO SUCH SPACES FROM SITE ENTRANCE(S) AND EXIT(S).

8 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
SCALE: NONE
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SEC. 4.6.4* SIGNAGE (INSTANCE "A")

SIGN WITH ARROW (SINGLE/DOUBLE) DESIGNATING ACCESSIBLE SPACES.

SPACES COMPLYING WITH VAN SHALL HAVE AN ADDITIONAL SIGN "VAN-ACCESSIBLE" MOUNTED BELOW THE SYMBOL OF ACCESSIBLITY.

4 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
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NO.	DESCRIPTION	DATE	APP'D

PECCOLE NEVADA CORP.
851 SOUTH RAMPART, SUITE 100
LAS VEGAS, NV 89128
(702) 933-1111

PENTACORE
CIVIL ENGINEERING • LAND SURVEYING • PLANNING
CONSULTANTS • ENVIRONMENTAL • TRANSPORTATION
6795 W. WEST CHARLESTON BOULEVARD, SUITE 110
LAS VEGAS, NEVADA 89146 (702)258-0115

A.D.A. STANDARD DETAILS

HUALAPAI COMMONS
PHASE II (HOME DEPOT)

DATE :	APRIL '99
PM :	DPW
DRAWN BY :	
DESIGNED BY :	
CHECKED BY :	
ADA CHECKED :	
JOB NO. :	0145.0039
SCALE :	AS SHOWN

REGISTERED PROFESSIONAL ENGINEER – STATE OF NEVADA – DENNIS A. MOSTER – No.11970 – CIVIL – 3-25-99

SHEET 11 OF 11

C.L.V. DWG.# 107-V3086

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April 01, 1999 10:57:46 AM
16160

17 SECTION 14 PUBLIC RIGHTS-OF-WAY

13 SECTION 4.8 RAMPS

9 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES

5 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES

1 SECTION 4.3 ACCESSIBLE ROUTE

18 SECTION 14 PUBLIC RIGHTS-OF-WAY

14 SECTION 4.7 RAMPS

10 SECTION 4.8 RAMPS

6 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES

2 SECTION 4.5 GROUND AND FLOOR SURFACES

19 SECTION 14 PUBLIC RIGHTS-OF-WAY

15 SECTION 4.3 SIGNAGE

11 SECTION 4.8 RAMPS

7 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES

3 SECTION 4.6 PARKING AND PASSENGER LOADING ZONE

20 SECTION 14 PUBLIC RIGHTS-OF-WAY

16 SECTION 14 PUBLIC RIGHTS-OF-WAY

12 SECTION 4.6 RAMPS

8 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES

4 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES

PROCOLE NEVADA CORP.

PENT/MOORE

A.D.A. STANDARD DETAILS

HUNTAFAN COMMONS
PHASE II (HOME DEPOT)

11

O.L.V. DWG.#