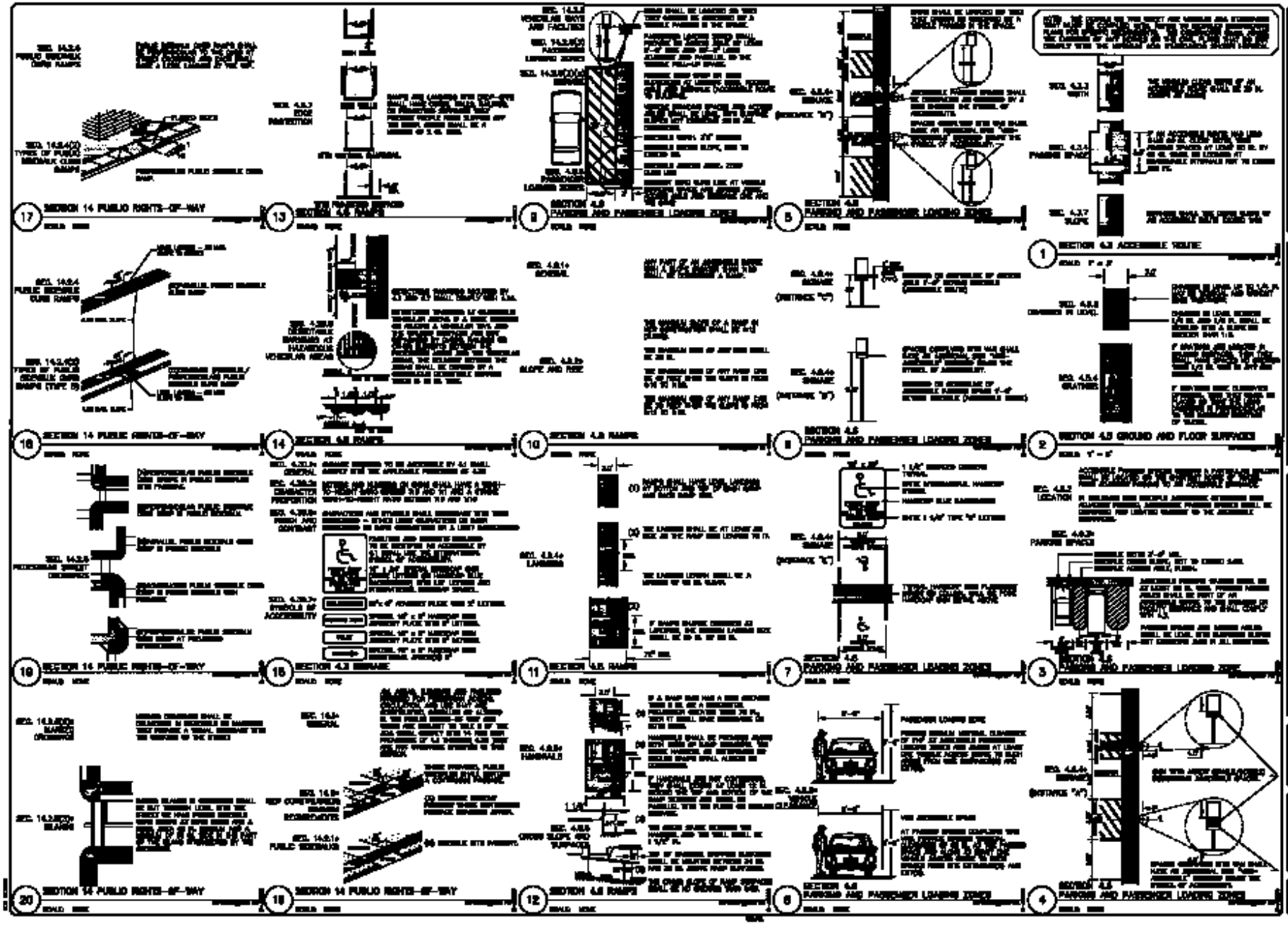
NOTE: THE DETAILS ON THIS SHEET ARE MINIMUM ADA STANDARDS THAT MUST BE COMPLIED WITH. REFER TO DETAILED ENGINEERING PLANS FOR SPECIFIC REQUIREMENTS. THE CONTRACTOR SHALL ADVISE THE ENGINEER OF ANY DETAILS ON THE CIVIL PLANS THAT DO NOT COMPLY WITH THE MINIMUM ADA STANDARDS SHOWN HEREON.
SEC. 4.3.3 WIDTH
3.0'
ROUTE
THE MINIMUM CLEAR WIDTH OF AN ACCESSIBLE ROUTE SHALL BE 36 IN. EXCEPT AT DOORS
SEC. 4.3.4 PASSING SPACE
5.0'
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
2.0% MAX
NOWHERE SHALL THE CROSS SLOPE OF AN ACCESSIBLE ROUTE EXCEED 1:50
1 SECTION 4.3 ACCESSIBLE ROUTE
SCALE: 1" = 5'
COPYRIGHT © 1997 PEI D-AD001
SEC. 4.5.2 CHANGES IN LEVEL
3.0'
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'
COPYRIGHT © 1997 PEI D-AD002
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
SIDEWALK WIDTH 3'-0" MIN.
SIDEWALK CROSS SLOPE, NOT TO EXCEED 2.0%.
SIDEWALK ACCESS AISLE, FLUSH.
ACCESSIBLE PARKING SPACES SHALL BE AT LEAST 96 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.
ACCESS AISLE
8' MIN. ACCESSIBLE SPACE
5' MIN.
8' MIN. VAN SPACE
8' MIN.
3 SECTION 4.6 PARKING AND PASSENGER LOADING ZONE
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD003
SEC. 4.6.4* SIGNAGE
(INSTANCE "A")
8.00' 5.00' ACCESS AISLE 8.00' 8.00' ACCESS AISLE VAN 8.00'
LOCATED ON ℄ OF ACCESS AISLE
SIDEWALK
4.0'
1'
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
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD004
SEC. 4.6.4* SIGNAGE
(INSTANCE "B")
8.00' SIDEWALK 5.00' ACCESS AISLE 8.00' LOCATED ON ℄ OF ACCESS PARKING 8.00' ACCESS AISLE VAN LOCATED ON ℄ OF ACCESS PARKING 8.00'
10.00'
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
COPYRIGHT © 1997 PEI D-AD005
SEC. 4.6.4* SIGNAGE
(INSTANCE "C")
2" GAP BETWEEN SIGNS (TYP.)
4.0'
MOUNTED ON CENTERLINE OF ACCESS AISLE 1'-0" BEYOND SIDEWALK (ACCESSIBLE ROUTE)
SEC. 4.6.4* SIGNAGE
(INSTANCE "D")
10.00'
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" BEYOND SIDEWALK (ACCESSIBLE ROUTE)
6 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD006
18" x 24"
PERMIT ONLY VIOLATORS WILL BE TOWED $155.00 FINE
1 1/2" ROUNDED CORNERS TYPICAL
WHITE INTERNATIONAL HANDICAP SYMBOL
HANDICAP BLUE BACKGROUND
WHITE 1 1/2" TYPE "C" LETTERS
SEC. 4.6.4* SIGNAGE
(INSTANCE "E")
8.0' HANDICAP PARKING SPACE
TYPICAL HANDICAP SIGN PLACEMENT MOUNT ON COLUMN, WALL OR POST. HANDICAP SIGN DETAIL ABOVE
8.0' HANDICAP PARKING SPACE
7 SECTION 4.6 PARKING AND PASSENGER LOADING ZONES
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD007
SEC. 4.6.5* VEHICLE CLEARANCE
8'-0"
9'-6"
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).
8'-0"
8'-2"
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
COPYRIGHT © 1997 PEI D-AD008
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
LOADING ZONE
10.00'
20'-0"
5.0'
3'
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
COPYRIGHT © 1997 PEI D-AD009
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
COPYRIGHT © 1997 PEI D-AD010
SEC. 4.8.4* LANDINGS
3.0'
RAMP LANDING
(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.
60" MIN.
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.
60" MIN.
72" MIN.
11 SECTION 4.8 RAMPS
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD011
SEC. 4.8.5* HANDRAILS
3.0'
1'
(1) 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.
(2) HANDRAILS SHALL BE PROVIDED ALONG BOTH SIDES OF RAMP SEGMENTS. THE INSIDE HANDRAIL ON SWITCHBACK OR DOGLEG RAMPS SHALL ALWAYS BE CONTINUOUS.
HANDRAIL
60" MIN.
60" MIN.
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
1 1/2"
TOP
HANDRAIL
34"-38"
RAMP
(3) THE CLEAR SPACE BETWEEN THE HANDRAIL AND THE WALL SHALL BE 1 1/2" IN.
1'
1'
34"-38" (5)
LANDING RAMP LANDING
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
COPYRIGHT © 1997 PEI D-AD012
SEC. 4.8.7 EDGE PROTECTION
3.0' WITH CURB 2"
3.0' WITH WALLS
3.0' WITH VERTICAL GUARDRAIL
3.0' 1.0' TYP. WITH PROJECTING SURFACES
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
COPYRIGHT © 1997 PEI D-AD013
SEC. 4.29.5 DETECTABLE WARNINGS AT HAZARDOUS VEHICULAR AREAS
STREET (VEHICULAR WAY) PARKWAY 3.00' SIDEWALK SEE DETAIL "A" PARKWAY
DETAIL A NOT TO SCALE
1 1/2 1 1/2 1/2" 1/4"
SECTION A-A NOT TO SCALE
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 4.8 RAMPS
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD014
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.
PERMIT ONLY VIOLATORS WILL BE TOWED $155.00 FINE
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
COPYRIGHT © 1997 PEI D-AD015
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
DRIVEWAY 36" MIN. 36" MIN. 2% MAX APRON
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
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD016
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
FLARED SIDES 48" MIN. 1 10
PERPENDICULAR PUBLIC SIDEWALK CURB RAMP.
17 SECTION 14 PUBLIC RIGHTS-OF-WAY
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD017
SEC. 14.2.4 PUBLIC SIDEWALK CURB RAMPS
LEVEL LANDING – 2% MAX. SLOPE TO STREET.
60" MIN.
(B)PARALLEL PUBLIC SIDEWALK CURB RAMP
4.9% MAX. SLOPE
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.
4.9% MAX. SLOPE
18 SECTION 14 PUBLIC RIGHTS-OF-WAY
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD018
SEC. 14.2.5 PEDESTRIAN STREET CROSSINGS
(A)PERPENDICULAR PUBLIC SIDEWALK CURB RAMPS IN PUBLIC SIDEWALKS WITH PARKWAY.
(B)PERPENDICULAR PUBLIC SIDEWALK CURB RAMP IN PUBLIC SIDEWALK.
(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
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD019
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
SCALE: NONE
COPYRIGHT © 1997 PEI D-AD020
NO. DESCRIPTION DATE APP'D
MR. FRED SMITH
1901 SKI SLOPE CIRCLE
LAS VEGAS, NEVADA, 89117
(702)255-5448
PENTACORE
CIVIL ENGINEERING · LAND SURVEYING · PLANNING
CONSTRUCTION MANAGEMENT · ADA CONSULTING
6763 WEST CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89102 (702)258-0115
STANDARD A.D.A. DETAILS
PECCOLE CAR WASH
DATE : MAY 18, 1998
PM : C. SPITZE
DRAWN BY :
DESIGNED BY : J.PECK
CHECKED BY : DPW
ADA CHECKED :
JOB NO. : 0050.0222
SCALE : NONE
REGISTERED PROFESSIONAL ENGINEER STATE OF NEVADA DENNIS P. WERTZ CIVIL No.11970
SHEET 7 OF 7
C.L.V. DWG.# 107-V2863
9302
ADA DETAILS
Q:\0050\0222\Sm-ada.dwg Mon Jul 27 11:56:52 1998 Duwayne A



SECTION 14 PUBLIC RIGHTS-OF-WAY
SECTION 4.5 RAMPS
SECTION 4.5 PARKING AND PASSENGER LOADING ZONES
SECTION 4.3 ACCESSIBLE ROUTE
SECTION 4.5 GROUND AND FLOOR SURFACES
SECTION 4.3 SIGNAGE
SECTION 4.5 HANDRAILS
SECTION 4.5 CROSS SLOPE AND SURFACES
SECTION 4.5 VEHICLE CLEARANCE
SECTION 4.5 PARKING AND PASSENGER LOADING ZONES
STANDARD A.D.A. DETAILS
PEDESTRIAN
7