

ELECTRIC VEHICLE CHARGING STATIONS

1. WHERE ELECTRIC VEHICLE CHARGING STATIONS (EVCS) ARE PROVIDED FOR PUBLIC USE OR COMMON USE, THE EVCS SHALL BE ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES PER TABLES 1 AND 2 BELOW.
2. FOR ADDITIONAL INFORMATION AND REQUIREMENTS, REFER TO THE ELECTRIC VEHICLE CHARGING STATION REGULATIONS IN THE LATEST AND ADOPTED CALIFORNIA BUILDING CODE (CBC) SECTION 11B-812.
3. ACCESSIBLE EVCS AND ACCESSIBLE PARKING ARE COUNTED SEPARATELY. THE TWO FUNCTIONS HAVE SEPARATE SCOPING REQUIREMENTS:
 - A. ACCESSIBLE EVCS COMPLYING WITH CBC SECTION 11B-812 SHALL BE PROVIDED IN ACCORDANCE WITH THE TABLE BELOW FOR EACH COMBINATION OF CHARGING LEVEL AND ELECTRIC VEHICLE (EV) CONNECTOR TYPE INTEGRAL TO THE EV CHARGER. EACH COMBINATION OF CHARGING LEVEL (SUCH AS: AC LEVEL 1, AC LEVEL 2, DC FAST CHARGE) AND EV CONNECTOR TYPE SHALL BE CONSIDERED AS A FACILITY. WHERE EVCS ARE PROVIDED IN MORE THAN ONE FACILITY ON A SITE, THE NUMBER OF EVCS PROVIDED ON THE SITE SHALL BE CALCULATED ACCORDING TO THE NUMBER REQUIRED FOR EACH FACILITY.
 - B. EVCS SHALL BE PROVIDED IN ACCORDANCE WITH THE TABLE BELOW. WHERE NEW EVCS ARE INSTALLED IN FACILITIES WITH EXISTING EVCS, THE "TOTAL NUMBER OF ELECTRIC VEHICLE CHARGING STATIONS AT A FACILITY" TABLE SHALL INCLUDE BOTH EXISTING AND NEW EVCS.
 - C. WHERE AN EV CHARGER CAN SIMULTANEOUSLY CHARGE MORE THAN ONE VEHICLE, THE NUMBER OF ELECTRIC VEHICLE CHARGING STATIONS PROVIDED SHALL BE CONSIDERED EQUIVALENT TO THE NUMBER OF ELECTRIC VEHICLES THAT CAN BE SIMULTANEOUSLY CHARGED.

TABLE 1

TOTAL NUMBER OF EVCS AT A FACILITY	MINIMUM NUMBER (BY TYPE OF EVCS REQUIRED TO COMPLY) VAN ACCESSIBLE	MINIMUM NUMBER (BY TYPE OF EVCS REQUIRED TO COMPLY) STANDARD ACCESSIBLE	MINIMUM NUMBER (BY TYPE OF EVCS REQUIRED TO COMPLY) AMBULATORY
1 TO 4	1	0	0
5 TO 25	1	1	0
26 TO 50	1	1	1
51 TO 75	1	2	2
76 TO 100	1	3	3
101 AND OVER	1, PLUS 1 FOR EACH 200, OR FRACTION THEREOF, OVER 100	3, PLUS 1 FOR EACH 60, OR FRACTION THEREOF, OVER 100	3, PLUS 1 FOR EACH 50, OR FRACTION THEREOF, OVER 100

TABLE 2

	VAN ACCESSIBLE	STANDARD ACCESSIBLE	AMBULATORY	DRIVE-UP
SPACE WIDTH	12'-0"	9'-0"	10'-0"	17'-0"
SPACE LENGTH	18'-0"	18'-0"	18'-0"	20'-0"
ACCESS AISLE	5'-0"	5'-0"	N/A	N/A
ACCESS AISLE	YES, ON PASSENGER SIDE, MARKINGS REQUIRED	YES, ON EITHER SIDE, MARKINGS REQUIRED	NO	INCLUDED
EVCS SIGN SHALL BE IDENTIFIED WITH THE INTERNATIONAL SYMBOL OF ACCESSIBILITY "ISA" POLE AND WALL SIGN	WHEN 4 OR FEWER TOTAL EVCS ARE PROVIDED, NONE IS REQUIRED TO HAVE THE ISA OR VAN ACCESSIBLE SIGNAGE. WHEN 5-25 CHARGING STATIONS PROVIDED, IDENTIFY ONE SPACE WITH ISA AND VAN ACCESSIBLE SIGNAGE; WHEN 26+, IDENTIFY TWO SPACES WITH ISA AND ONE WITH VAN ACCESSIBLE AND ONE WITH STANDARD ACCESSIBLE SIGNAGE.	WHEN 26+ CHARGING STATIONS, IDENTIFY ALL.	NO	NO

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (EVCS SPACES NOTES)	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE <i>Alaine James</i> 3/28/2024 COORDINATOR R.C.E. 81047 DATE
ORIGINAL	FC	A. OSKQUI	12/06		
UPDATED	KA	J. NAGELVOORT	01/12		
UPDATED	FC	J. NAGELVOORT	02/16		
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4. MEASUREMENTS SHALL BE MADE FROM THE CENTERLINE OF THE MARKINGS, UNLESS VEHICLE SPACES OR ACCESS AISLES ARE NOT ADJACENT TO ANOTHER VEHICLE SPACE, ACCESS AISLE, OR PARKING SPACE, MEASUREMENTS SHALL BE PERMITTED TO INCLUDE THE FULL WIDTH OF THE LINE DEFINING THE VEHICLE SPACE OR ACCESS AISLE.
5. VEHICLE SPACES AND ACCESS AISLE GROUND SURFACE SHALL BE FIRM AND SLIP RESISTANCE, WITH SLOPES NOT TO EXCEED 1.5% IN ALL DIRECTIONS.
6. ACCESS AISLES SHALL BE AT THE SAME LEVEL AS THE VEHICLE SPACE THEY SERVE. CHANGES IN LEVEL, AND DETECTABLE WARNINGS SHALL NOT BE PERMITTED.
7. VEHICLE SPACES, ACCESS AISLES SERVING THEM, AND VEHICULAR ROUTES SERVING THEM SHALL PROVIDE A VERTICAL CLEARANCE OF 8'-2" MINIMUM. WHERE PROVIDED, OVERHEAD CABLE MANAGEMENT SYSTEMS SHALL NOT OBSTRUCT REQUIRED VERTICAL CLEARANCE.
8. VEHICLE SPACES AND ACCESS AISLES SHALL BE DESIGNED SO THAT WHEN THE VEHICLE SPACE IS OCCUPIED THE REQUIRED CLEAR WIDTH OF ADJACENT ACCESSIBLE ROUTES IS NOT OBSTRUCTED OR LESS THAN 6'-0" WIDE. A CURB, WHEEL STOP, BOLLARDS, OR OTHER BARRIER SHALL BE PROVIDED IF REQUIRED TO PREVENT ENCROACHMENT OF VEHICLES OVER THE REQUIRED CLEAR WIDTH OF ADJACENT ACCESSIBLE ROUTES.
9. ACCESSIBLE ELECTRIC VEHICLE CHARGING STATIONS THAT SERVE A PARTICULAR BUILDING OR FACILITY SHALL BE LOCATED ON AN ACCESSIBLE ROUTE TO AN ACCESSIBLE ENTRANCE. WHERE ELECTRIC VEHICLE CHARGING STATIONS DO NOT SERVE A PARTICULAR BUILDING OR FACILITY, ELECTRIC VEHICLE CHARGING STATIONS SHALL BE LOCATED ON AN ACCESSIBLE ROUTE TO AN ACCESSIBLE PEDESTRIAN ENTRANCE OF THE ELECTRIC VEHICLE CHARGING FACILITY.

EXCEPTION: ELECTRIC VEHICLE CHARGING STATIONS COMPLYING WITH CBC SECTION 11B-812 SHALL BE PERMITTED TO BE IN DIFFERENT ELECTRIC VEHICLE CHARGING FACILITIES IF SUBSTANTIALLY EQUIVALENT OR GREATER ACCESSIBILITY IS PROVIDED IN TERMS OF DISTANCE FROM AN ACCESSIBLE ENTRANCE OR ENTRANCES, CHARGING FEE, AND USER CONVENIENCE.

10. AN ACCESSIBLE ROUTE SHALL CONNECT TO THE VEHICLE SPACE AND THE ELECTRIC VEHICLE CHARGER WHICH SERVES IT.
11. VEHICLE SPACES AND ACCESS AISLES SHALL BE DESIGNED SO THAT PERSONS USING THEM ARE NOT REQUIRED TO TRAVEL BEHIND VEHICLE SPACES OR PARKING SPACES OTHER THAN THE VEHICLE SPACE IN WHICH THEIR VEHICLE HAS BEEN LEFT TO CHARGE. EXCEPT FOR:
 - A. AMBULATORY ELECTRIC VEHICLE CHARGING STATION.
 - B. IN EXISTING FACILITIES, VEHICLE SPACES SHALL COMPLY TO THE MAXIMUM EXTENT FEASIBLE.
12. ACCESS AISLES SHALL ADJOIN AN ACCESSIBLE ROUTE. TWO VEHICLE SPACES OR ONE PARKING SPACE AND ONE ELECTRIC VEHICLE CHARGING SPACE SHALL BE PERMITTED TO SHARE A COMMON ACCESS AISLE. ACCESS AISLES SHALL BE 5'-0" WIDE MINIMUM AND SHALL EXTEND THE FULL REQUIRED LENGTH OF THE VEHICLE SPACES THEY SERVE.
13. ACCESS AISLES AT VEHICLE SPACES SHALL NOT OVERLAP THE VEHICULAR WAY AND MAY BE PLACED ON EITHER SIDE OF THE VEHICLE SPACE THEY SERVE EXCEPT FOR VAN ACCESSIBLE SPACES WHICH SHALL HAVE ACCESS AISLES LOCATED ON THE PASSENGER SIDE OF THE VEHICLE SPACES.

EXCEPTION: WHERE FOUR OR FEWER TOTAL ELECTRIC VEHICLE CHARGING STATIONS ARE PROVIDED WITHIN A FACILITY, THE ACCESS AISLE FOR NON-ANGLED VAN ACCESSIBLE SPACES MAY BE LOCATED ON EITHER THE DRIVER OR PASSENGER SIDE OF THE VEHICLE SPACE.

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				ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (EVCS SPACES NOTES)	<i>Alaine James</i> 3/28/2024 COORDINATOR R.C.E. 81047 DATE
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14. SIGNS IDENTIFYING THE ELECTRIC VEHICLE CHARGING STATIONS (SEE TABLE 2 ON SHEET 4 OF 17):
- A. ISA SIGNS (ON POLE OR WALL) SHALL ONLY CONTAIN THE ISA SYMBOL AND "VAN ACCESSIBLE" (WHEN APPROPRIATE). THE WORD "PARKING" IS NOT REQUIRED ON THE SIGN. THE IDENTIFICATION SIGN SHALL BE REFLECTORIZED. THE SYMBOL OF ACCESSIBILITY AND ITS BACKGROUND SHALL HAVE A NON-GLARE FINISH. SEE **SDM-117 SHEET 11**, ISA SIGN FOR SIMILAR REQUIREMENTS.
 - B. SHALL BE VISIBLE FROM THE ELECTRIC VEHICLE CHARGING STATIONS IT SERVES.
 - C. SHALL BE PERMANENTLY POSTED EITHER IMMEDIATELY ADJACENT TO THE VEHICLE SPACE OR WITHIN THE PROJECTED VEHICLE SPACE WIDTH AT THE HEAD END OF THE VEHICLE SPACE.
 - D. VAN ACCESSIBLE VEHICLE SPACES SHALL INCLUDE THE DESIGNATION "VAN ACCESSIBLE".
 - E. SHALL BE 5'-0" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN.
 - F. SHALL BE 6'-8" MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE MEASURED TO THE BOTTOM OF THE SIGN IF LOCATED WITHIN A CIRCULATION PATH SIGNS MAY ALSO BE PERMANENTLY POSTED ON A WALL AT THE INTERIOR END OF THE VEHICLE SPACE.

15. SURFACE MARKING:

- A. ACCESS AISLES AT VEHICLE SPACES SHALL BE MARKED WITH A PAINTED BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAXIMUM OF 3'-0" ON CENTER. THE COLOR OF THE BORDERLINES, HATCHED LINES, AND LETTERS SHALL CONTRAST WITH THAT OF THE SURFACE OF THE ACCESS AISLE. THE BLUE COLOR REQUIRED FOR IDENTIFICATION OF ACCESS AISLES FOR ACCESSIBLE PARKING SHALL NOT BE USED. ACCESS AISLE MARKINGS MAY EXTEND BEYOND THE MINIMUM REQUIRED LENGTH.

EXCEPTION: WHERE ONE ACCESSIBLE PARKING SPACE AND ONE ELECTRIC VEHICLE CHARGING SPACE SHARE AN ACCESS AISLE, ACCESS AISLE MARKING, THE ACCESSIBLE PARKING SPACE SHALL COMPLY WITH **SDM-117 SHEET 8** ONLY.
- B. THE WORDS "NO PARKING" SHALL BE PAINTED ON THE SURFACE WITHIN EACH ACCESS AISLE IN LETTERS A MINIMUM OF 1'-0" IN HEIGHT AND LOCATED TO BE VISIBLE FROM THE ADJACENT VEHICULAR WAY. THE LETTERS SHALL COMPLY WITH **SDM-117 SHEET 10 EXCEPT THAT THE BLUE BACKGROUND SHALL NOT BE USED.**
- C. EVCS VEHICLE SPACES SHALL PROVIDE SURFACE MARKING STATING "EV CHARGING ONLY" IN LETTERS 1'-0" HIGH MINIMUM. THE CENTERLINE OF THE TEXT SHALL BE A MAXIMUM OF 6 INCHES FROM THE CENTERLINE OF THE VEHICLE SPACE AND ITS LOWER CORNER AT, OR LOWER SIDE ALIGNED WITH, THE END OF THE PARKING SPACE LENGTH. THE COLOR OF THE LETTERS SHALL COMPLY WITH **SDM-117 SHEET 10.**

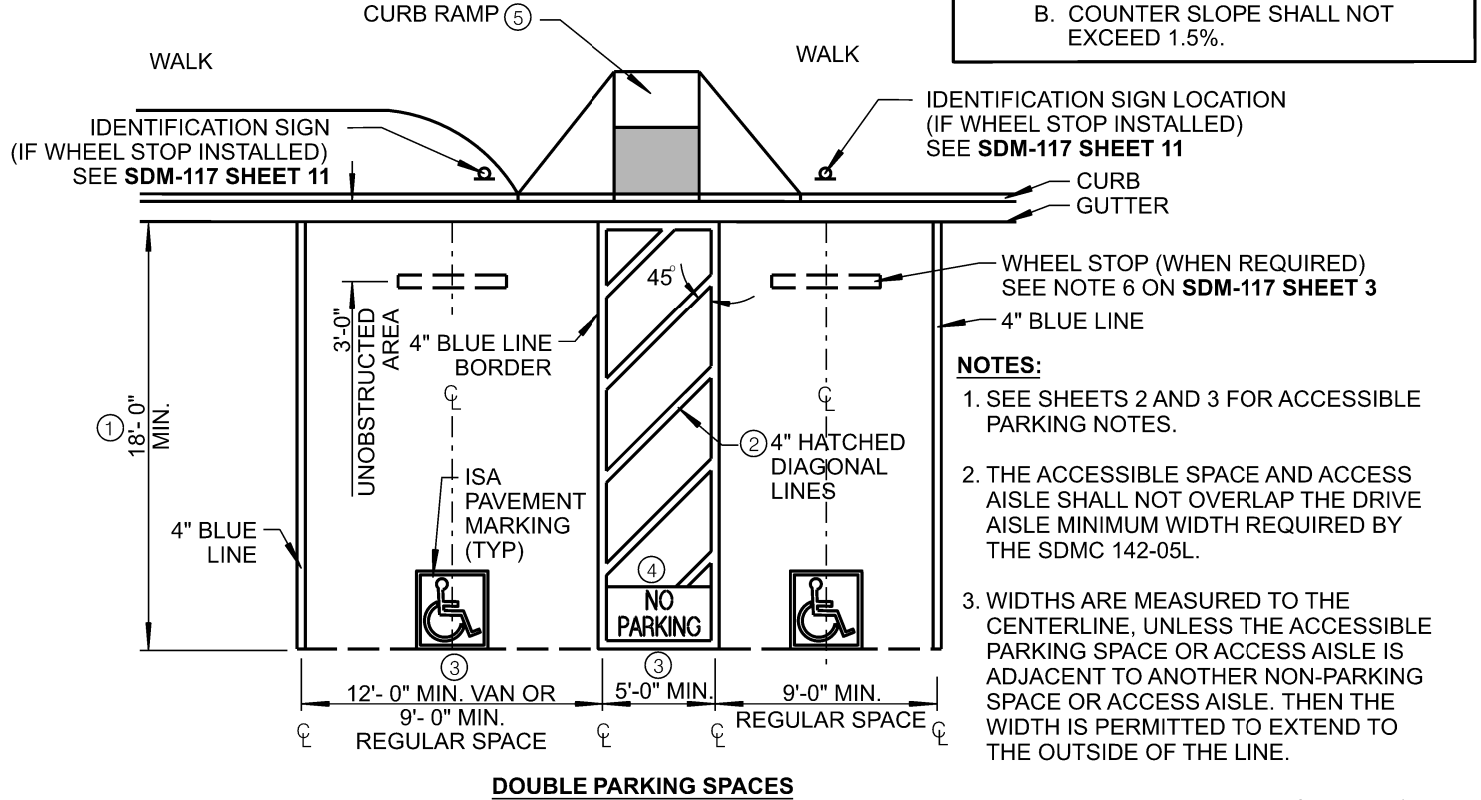
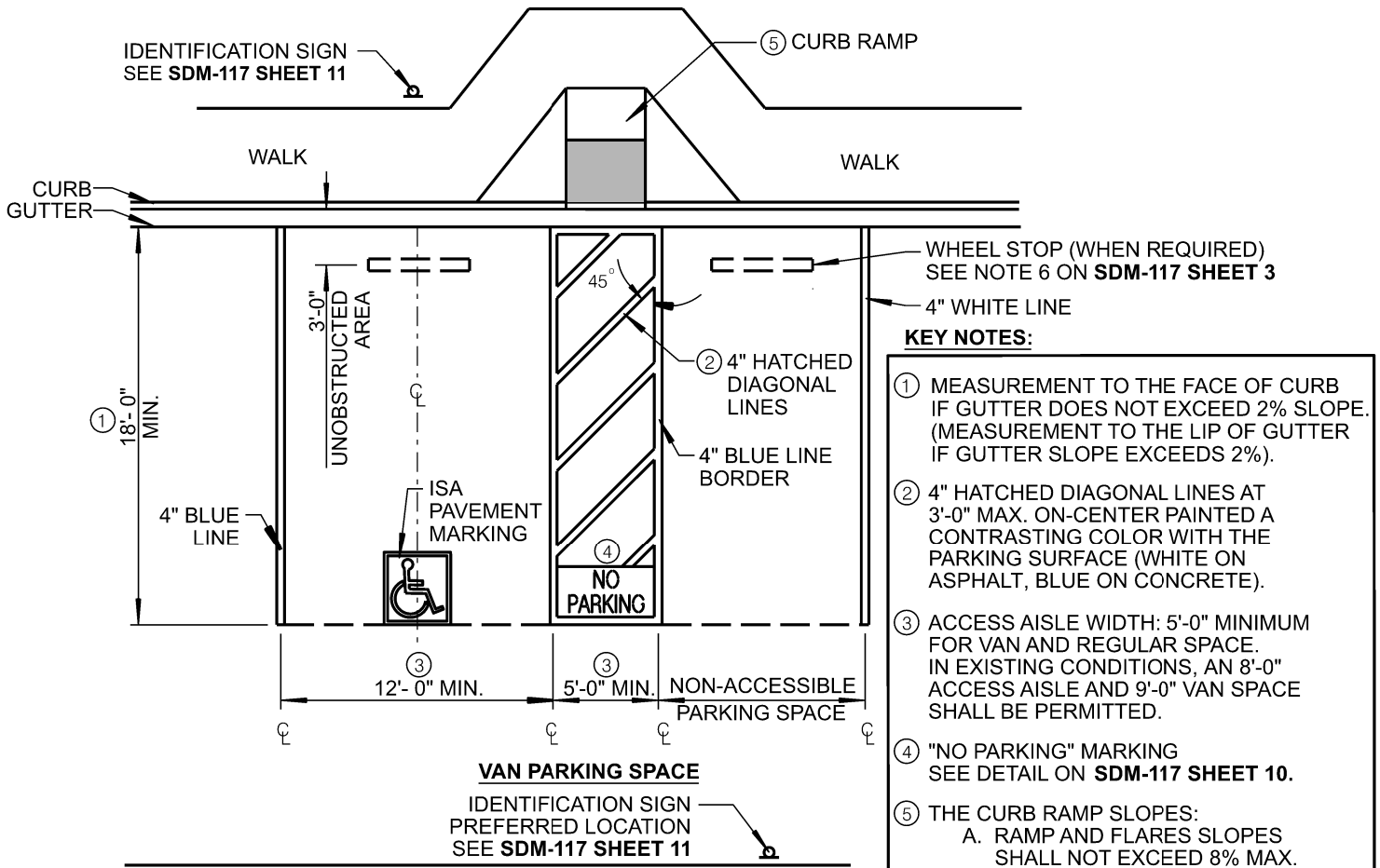
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PASSENGER DROP-OFF AND LOADING ZONE (ON-STREET AND OFF-STREET):

1. WHERE PROVIDED, AT LEAST ONE ACCESSIBLE PASSENGER DROP-OFF AND LOADING ZONE SHALL BE ACCESSIBLE. EXISTING WHITE CURB/LOADING ZONES RELOCATED BY PROTECTED BIKE LANES SHALL MEET THE REQUIREMENTS FOR ON-STREET PASSENGER DROP-OFF AND LOADING ZONE, EXCEPT THAT THE ACCESS AISLE SHALL BE A MINIMUM OF 5'-0".
2. WHERE PERMANENTLY DESIGNATED PASSENGER LOADING ZONES (OTHER THAN TRANSIT STOPS) ARE PROVIDED, AT LEAST ONE ACCESSIBLE PASSENGER LOADING ZONE SHALL BE PROVIDED IN EVERY CONTINUOUS 100'-0" OF LOADING ZONE SPACE, OR FRACTION THEREOF.
3. PASSENGER DROP-OFF AND LOADING ZONES SHALL PROVIDE A VEHICULAR PULL-UP SPACE 8'-0" WIDE MINIMUM AND 20'-0" LONG MINIMUM.
4. PASSENGER DROP-OFF AND LOADING ZONES SHALL BE PROVIDED WITH ACCESS AISLES ADJACENT AND PARALLEL TO THE VEHICLE PULL-UP SPACE.
 - A. ACCESS AISLES SHALL BE 5'-0" WIDE MINIMUM AND EXTEND THE FULL LENGTH OF THE VEHICLE PULL-UP SPACE.
 - B. ACCESS AISLES SHALL CONNECT DIRECTLY TO AN ACCESSIBLE ROUTE AND SHALL NOT OVERLAP THE VEHICULAR WAY.
 - C. ACCESS AISLES SHALL BE MARKED WITH A BORDERLINE AROUND THEIR PERIMETER. THE AREA WITHIN THE BORDERLINES SHALL BE MARKED WITH HATCHED LINES A MAXIMUM OF 3'-0" ON CENTER IN A COLOR CONTRASTING WITH THAT OF THE AISLE SURFACE. (WHITE PAINT ON PAVEMENT AND CONCRETE).
 - D. VEHICLE PULL-UP SPACES AND ACCESS AISLES SERVING THEM SHALL BE AT THE SAME LEVEL AS THE VEHICLE PULL-UP SPACES THEY SERVE. ANY CHANGES IN ELEVATION SHALL BE SERVED BY A CURB RAMP(S).
 - E. VEHICLE PULL-UP SPACE AND ACCESS AISLE SLOPES SHALL BE 1.5% IN ANY DIRECTION. ADEQUATE DRAINAGE SHALL BE PROVIDED SO THAT WATER DOES NOT POND IN THE ACCESS AISLE.
 - F. OFF-STREET VEHICLE PULL-UP SPACE AND ACCESS AISLE SLOPES SHALL BE 1.5% IN ANY DIRECTION.
 - G. ON-STREET VEHICLE PULL-UP SPACE AND ACCESS AISLE RUNNING SLOPE MAY FOLLOW THE EXISTING SLOPE OF THE STREET. CROSS SLOPE SHALL BE 1.5% MAXIMUM AT THE ACCESS AISLE, EXCEPT THAT AT THE PULL-UP SPACE THE 1.5% CROSS SLOPE SHALL BE REQUIRED TO THE MAXIMUM EXTENT FEASIBLE.
 - H. ADEQUATE DRAINAGE SHALL BE PROVIDED SO THAT WATER DOES NOT POND IN THE ACCESS AISLE.
5. A MINIMUM OF 9'-6" VERTICAL CLEARANCE SHALL BE PROVIDED AT ACCESSIBLE PASSENGER DROP-OFF AND LOADING ZONES AND ALONG AT LEAST ONE VEHICLE ACCESS ROUTE TO SUCH AREAS FROM SITE ENTRANCE(S) AND EXIT(S).
6. PASSENGER LOADING ZONES SHALL BE IDENTIFIED BY A REFLECTORIZED SIGN POSTED IMMEDIATELY ADJACENT TO AND VISIBLE FROM THE PASSENGER DROP-OFF AND LOADING ZONE STATING "PASSENGER LOADING ZONE ONLY".
 - A. WHEN LOCATED IN A PATH OF TRAVEL, THE SIGN SHALL BE MOUNTED PER **SDM-104**.
7. PARKING FACILITIES THAT PROVIDE VALET PARKING SERVICES SHALL PROVIDE AT LEAST ONE ACCESSIBLE PASSENGER LOADING ZONE.

SHEET 7 OF 17

REVISION	BY	APPROVED	DATE	<p style="text-align: center;">CITY OF SAN DIEGO – STANDARD DRAWING</p> <p style="text-align: center;">ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (PASSENGER DROP-OFF / LOADING ZONE NOTES)</p>	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE	
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SHEET 8 OF 17

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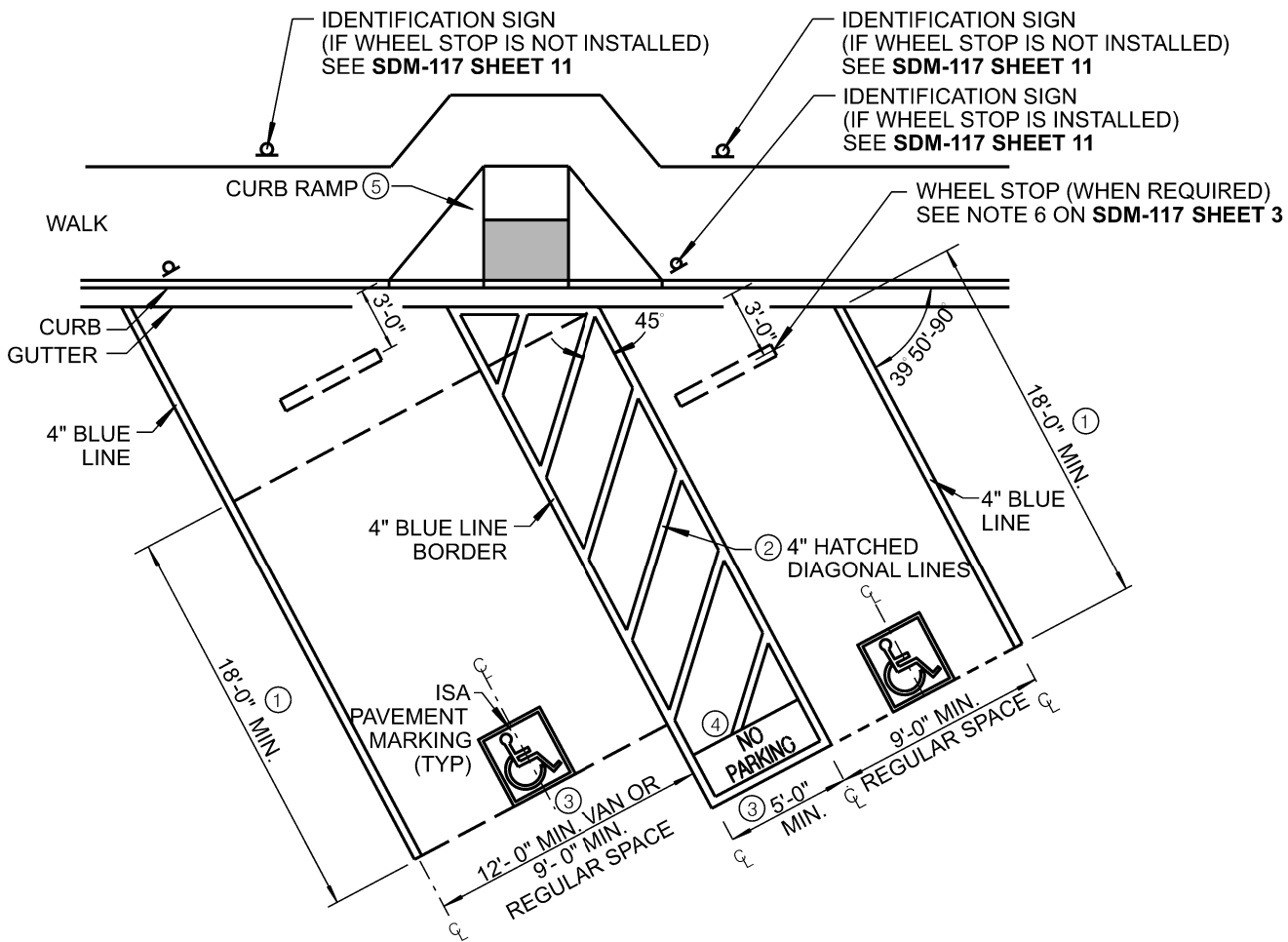
CITY OF SAN DIEGO - STANDARD DRAWING

ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (OFF-STREET PARKING)

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

Alaine James 3/28/2024
 COORDINATOR R.C.E. 81047 DATE

DRAWING NUMBER **SDM-117**



DIAGONAL DOUBLE PARKING SPACES

KEY NOTES:

- ① MEASUREMENT TO THE FACE OF CURB IF GUTTER DOES NOT EXCEED 2% SLOPE. (MEASUREMENT TO THE LIP OF GUTTER IF GUTTER SLOPE EXCEEDS 2%).
- ② 4" HATCHED DIAGONAL LINES AT 3'-0" MAX. ON-CENTER PAINTED A CONTRASTING COLOR WITH THE PARKING SURFACE (WHITE ON ASPHALT, BLUE ON CONCRETE).
- ③ ACCESS AISLE WIDTH: 5'-0" MINIMUM FOR VAN AND REGULAR SPACE. IN EXISTING CONDITIONS, AN 8'-0" ACCESS AISLE AND 9'-0" VAN SPACE SHALL BE PERMITTED.
- ④ "NO PARKING" MARKING. SEE DETAIL ON **SDM-117 SHEET 10**.
- ⑤ THE CURB RAMP SLOPES:
 - A. RAMP AND FLARES SLOPES SHALL NOT EXCEED 8% MAX.
 - B. COUNTER SLOPE SHALL NOT EXCEED 1.5%.

NOTES:

- 1. SEE **SDM-117 SHEETS 2 AND 3** FOR ACCESSIBLE PARKING NOTES.
- 2. THE ACCESSIBLE SPACE AND ACCESS AISLE SHALL NOT OVERLAP THE DRIVE AISLE MINIMUM WIDTH REQUIRED BY THE SDMC 142-05L.
- 3. WIDTHS ARE MEASURED TO THE CENTERLINE. UNLESS THE ACCESSIBLE PARKING SPACE OR ACCESS AISLE IS ADJACENT TO ANOTHER NON-PARKING SPACE OR ACCESS AISLE, THEN THE WIDTH IS PERMITTED TO EXTEND TO THE OUTSIDE OF THE LINE.

SHEET 9 OF 17

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CITY OF SAN DIEGO - STANDARD DRAWING

ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (OFF-STREET PARKING)

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

Alaine James 3/28/2024
COORDINATOR R.C.E. 81047 DATE

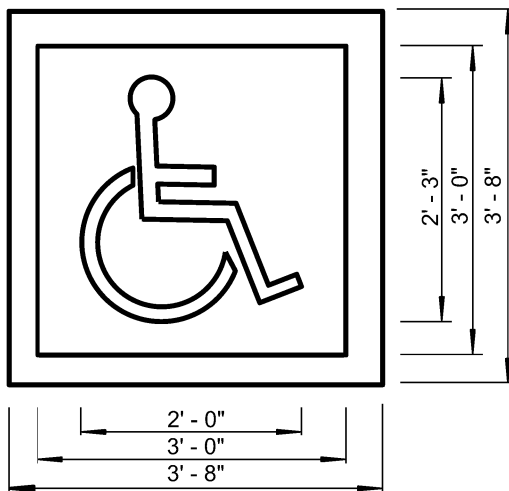
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NOTES:

1. THE WORDS "NO PARKING" SHALL BE LOCATED AT THE END OF THE ACCESS AISLE SO THAT IT IS VISIBLE TO TRAFFIC ENFORCEMENT OFFICIALS.
2. THE LETTERS SHALL BE NO LESS THAN 1'-0" HIGH AND PAINTED IN WHITE LETTERS ON A BLUE BACKGROUND. THE COLOR BLUE SHALL MATCH FS15090 IN THE FEDERAL STANDARD 595C.

"NO PARKING" PAVEMENT MARKING



NOTES:

1. THE ISA SHALL BE PAINTED WHITE ON A BLUE BACKGROUND. THE COLOR BLUE SHALL MATCH FS 15090 IN THE FEDERAL STANDARD 595C. A BORDER MAY BE PROVIDED INSIDE OR OUTSIDE OF THE MINIMUM REQUIRED ISA DIMENSION.
2. THE LOCATION OF THE ISA SHALL BE VISIBLE TO A TRAFFIC ENFORCEMENT OFFICER WHEN THE VEHICLE IS STATIONED IN THE PARKING SPACE.

**INTERNATIONAL SYMBOL OF ACCESSIBILITY (ISA)
PAVEMENT MARKING**

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CITY OF SAN DIEGO - STANDARD DRAWING

**ACCESSIBLE PARKING, EVCS SPACES, AND
PASSENGER DROP-OFF / LOADING ZONE
(PAVEMENT MARKINGS)**

RECOMMENDED BY THE CITY
OF SAN DIEGO STANDARDS COMMITTEE

Alaine James 3/28/2024
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DRAWING NUMBER **SDM-117**



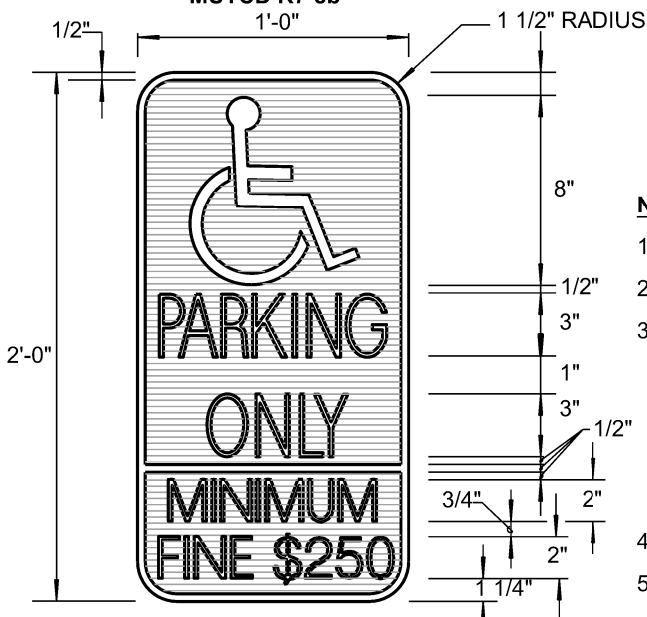
**OFF-STREET PARKING
MUTCD R99(CA)**



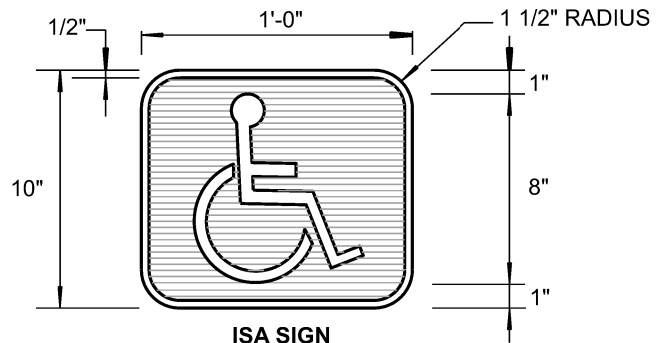
**OFF-STREET PARKING
MUTCD R99B(CA)**



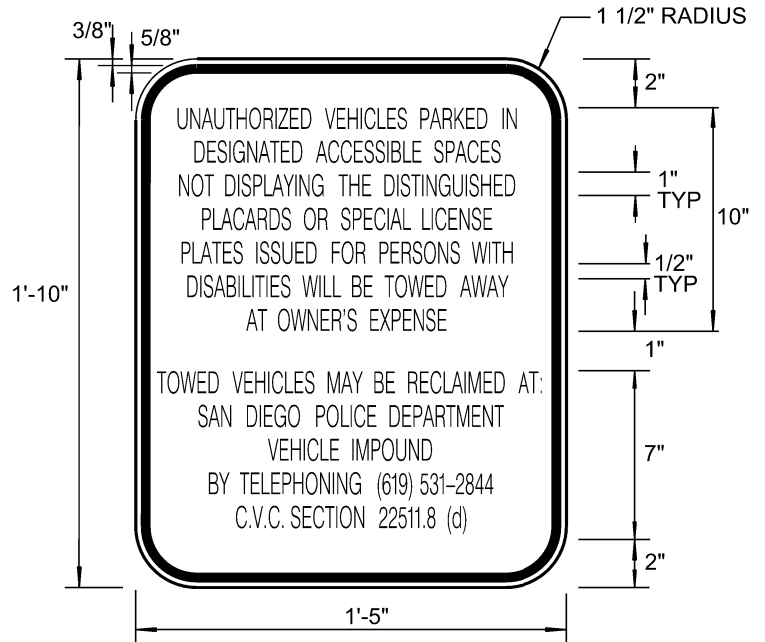
**OFF-STREET PARKING AND EVCS ONLY
MUTCD R7-8b**



**SINGLE SIGN
OFF-STREET PARKING
ON-STREET PARKING
MUTCD R99C(CA)**



**ISA SIGN
EVCS ONLY
MUTCD D9-6**



**TOW-AWAY SIGN
FOR OFF-STREET PARKING ONLY**

NOTES:

1. SIGN POST: SEE **SDM-104** FOR "BREAK-AWAY SIGN POST".
2. SIGNS SHALL BE CONSTRUCTED ON MINIMUM 1/16" THICK ALUMINUM.
3. COLORS:
 PARKING SIGNS:
 BACKGROUND - BLUE (RETROREFLECTIVE)
 BORDER, TEXT, AND SYMBOL - WHITE (RETROREFLECTIVE)
 TOW AWAY SIGN:
 BACKGROUND - WHITE (RETROREFLECTIVE)
 BORDER AND LEGEND - BLACK
4. FONTS: SAN SERIF CLEARVIEW, 1" MIN LETTER HEIGHT
5. THE BOTTOM OF THE LOWEST SIGN SHALL BE AT LEAST 7'-0" OR HIGHER TO THE WALKING SURFACE OR 5'-0" IF INSTALLED ON A WALL.
6. SEE **SDM-117 SHEET 2** FOR ADDITIONAL NOTES.

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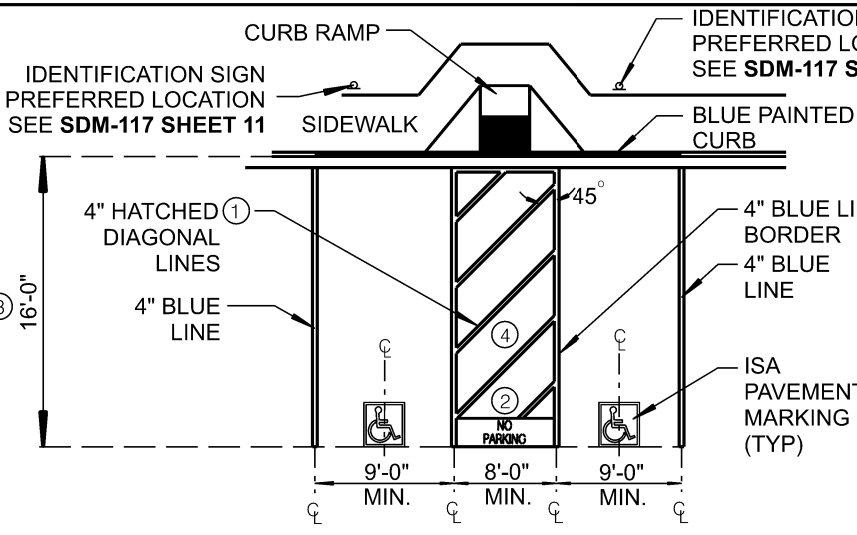
CITY OF SAN DIEGO - STANDARD DRAWING

**ACCESSIBLE PARKING, EVCS SPACES, AND
PASSENGER DROP-OFF / LOADING ZONE
(SIGNAGE)**

RECOMMENDED BY THE CITY
OF SAN DIEGO STANDARDS COMMITTEE

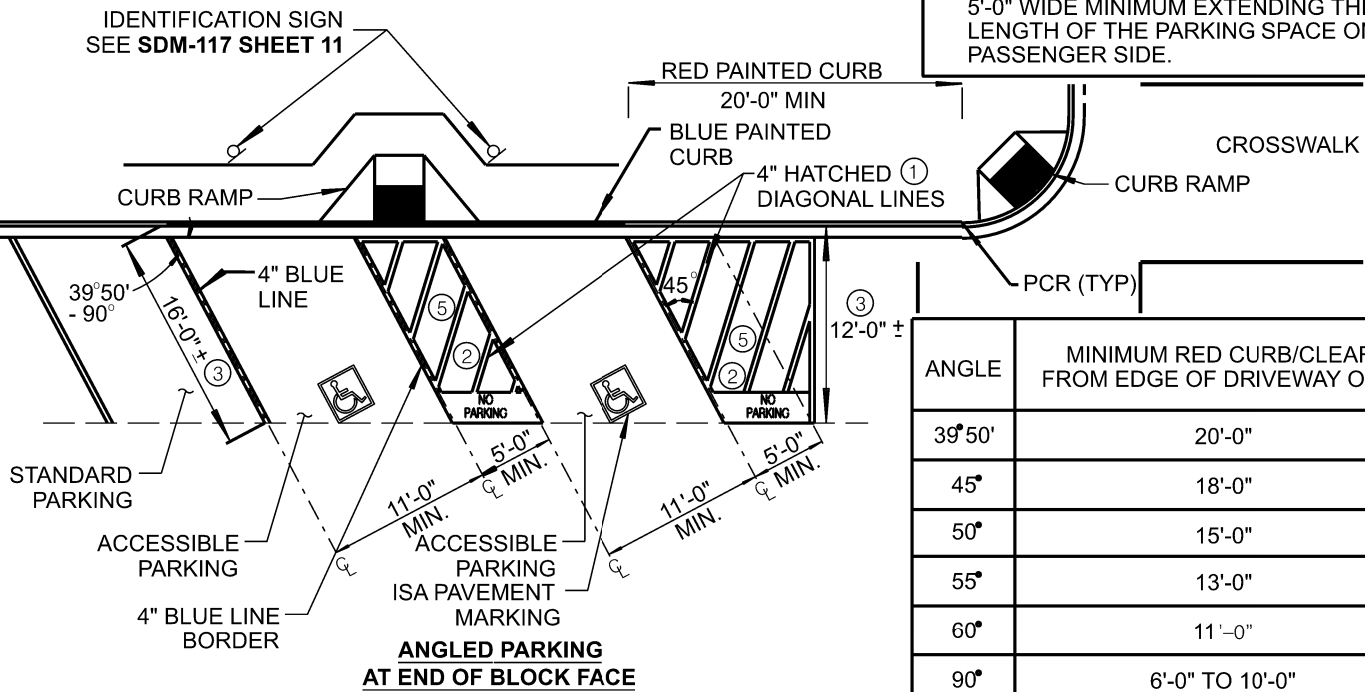
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PERPENDICULAR DOUBLE PARKING SPACES

- KEY NOTES:**
- ① 4" HATCHED DIAGONAL LINES AT 3'-0" MAX ON-CENTER PAINTED A CONTRASTING COLOR WITH THE PARKING SURFACE (WHITE ON ASPHALT, BLUE ON CONCRETE).
 - ② "NO PARKING" MARKING SEE DETAIL ON **SDM-117 SHEET 10**.
 - ③ DIMENSION IS BASED OFF THE CITY'S TRANSPORTATION DEPARTMENT'S ANGLE PARKING GUIDELINES AND THE LENGTH SHALL VARY BASED ON THE ANGLE AND TYPE OF STREET. THE DIMENSION SHALL BE TAKEN FROM FACE OF CURB, NOT EDGE OF GUTTER.
 - ④ PERPENDICULAR ON-STREET PARKING SPACES SHALL HAVE ADJACENT ACCESS AISLES 8'-0" WIDE MINIMUM EXTENDING THE FULL LENGTH OF THE PARKING SPACE. ONE ACCESS AISLE SHALL BE PERMITTED TO SERVE UP TO TWO PARKING SPACES.
 - ⑤ EACH ANGLED ON-STREET PARKING SPACE SHALL HAVE AN ADJACENT ACCESS AISLE 5'-0" WIDE MINIMUM EXTENDING THE FULL LENGTH OF THE PARKING SPACE ON THE PASSENGER SIDE.



ANGLED PARKING AT END OF BLOCK FACE

ANGLE	MINIMUM RED CURB/CLEARANCE FROM EDGE OF DRIVEWAY OR ALLEY
39°50'	20'-0"
45°	18'-0"
50°	15'-0"
55°	13'-0"
60°	11'-0"
90°	6'-0" TO 10'-0"

RED CURB CLEARANCE TABLE

NOTES:

1. NO ACCESSIBLE PARKING SPACE OR ACCESS AISLE SHALL BE WITHIN 15'-0" OF A FIRE HYDRANT.
2. IN THE RED CURB CLEARANCE TABLE, THE MINIMUM RED CURB LENGTH FOR A 90° ANGLED PARKING SPACE VARIES BASED ON LOCATION, SIGHT VISIBILITY, AND OTHER FACTORS. DO NOT REDUCE THE LENGTH OF THE EXISTING PAINTED RED CURB IF IT IS MORE THAN SPECIFIED ON THIS TABLE. CONTACT THE CITY'S TRAFFIC ENGINEERING DEPARTMENT FOR ASSISTANCE.
3. SEE **SDM-117 SHEET 1** FOR ADDITIONAL NOTES.
4. INCLUDE THE FOLLOWING INFORMATION ON THE STRIPING PLAN OR DETAIL PER EACH BLOCK FACE AND TOTAL PER BLOCK PERIMETER:
 - A. TOTAL NUMBER OF EXISTING ON-STREET PARKING SPACES.
 - B. TOTAL NUMBER OF EXISTING ON-STREET ACCESSIBLE PARKING SPACES.
 - C. TOTAL NUMBER OF NEW ON-STREET PARKING SPACES.
 - D. TOTAL NUMBER OF REQUIRED ON-STREET ACCESSIBLE PARKING SPACES BLOCK PERIMETER.
 - E. TOTAL NUMBER OF ON-STREET ACCESSIBLE PARKING SPACES PROVIDED.

REVISION	BY	APPROVED	DATE
ORIGINAL	FC	A. OSKQUI	12/06
UPDATED	FC	J. NAGELVOORT	02/16
UPDATED	FC	J. NAGELVOORT	09/18
UPDATED	FM	R. AMEN	03/24

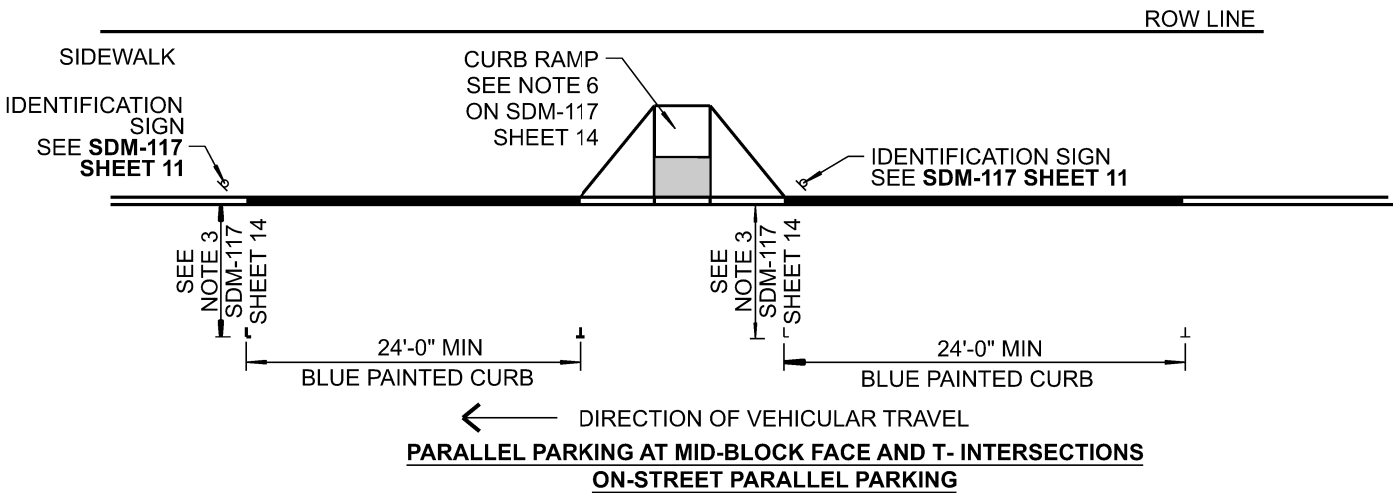
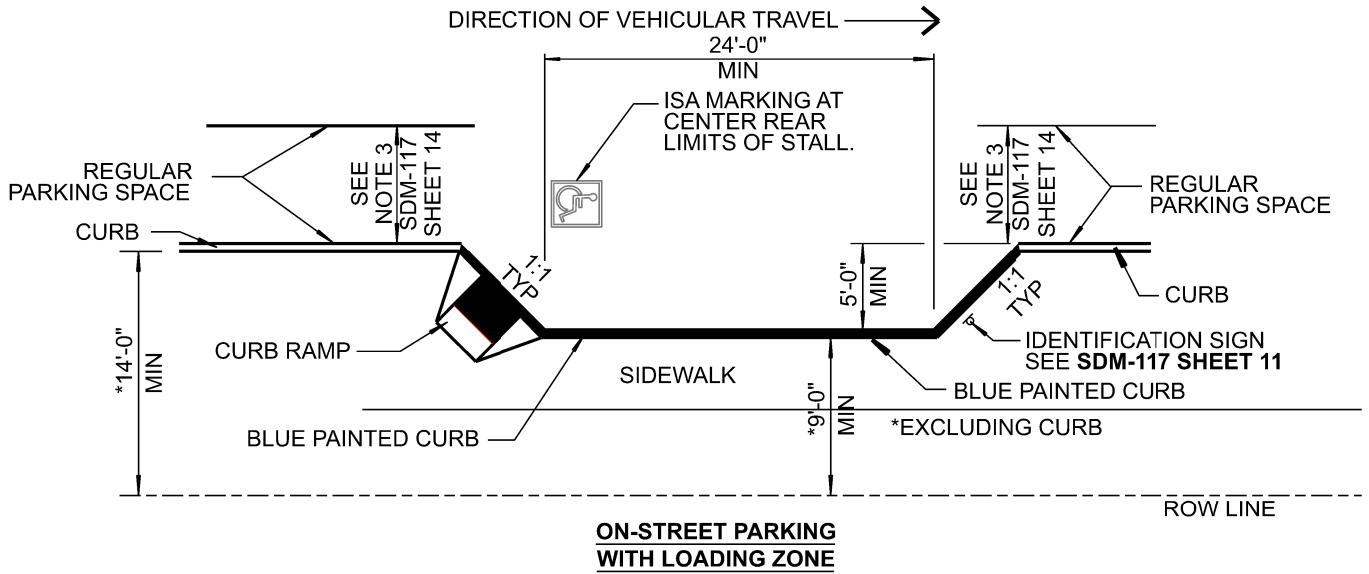
CITY OF SAN DIEGO - STANDARD DRAWING

ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (ON-STREET PARKING)

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

Alaine James 3/28/2024
COORDINATOR R.C.E. 81047 DATE

DRAWING NUMBER **SDM-117**



SEE ADDITIONAL NOTES ON SHEET 14

SHEET 13 OF 17

REVISION	BY	APPROVED	DATE
ORIGINAL	FC	A. OSKOU	1206
UPDATED	FC	J. NAGELVOORT	0216
UPDATED	FC	J. NAGELVOORT	0918
UPDATED	FM	R. AMEN	0324

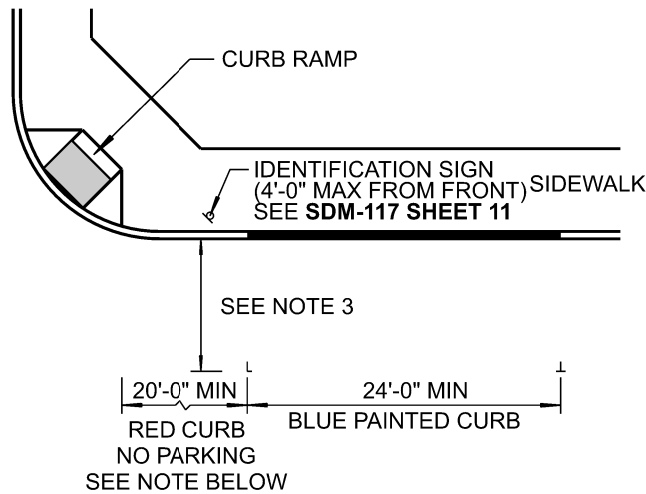
CITY OF SAN DIEGO - STANDARD DRAWING

**ACCESSIBLE PARKING, EVCS SPACES, AND
PASSENGER DROP-OFF / LOADING ZONE
(ON-STREET PARKING)**

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Alaine James 3/28/2024
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NOTE: 30'-0" MIN ON NEAR SIDE OF SIGNALIZED INTERSECTION AS REQUIRED PER MUTCD (ANY REDUCTION OF EXISTING RED CURB SHALL BE APPROVED BY THE TRANSPORTATION ENGINEERING DEPARTMENT)

PARALLEL PARKING AT END OF BLOCK FACE
ON-STREET PARALLEL PARKING

ON-STREET PARKING NOTES:

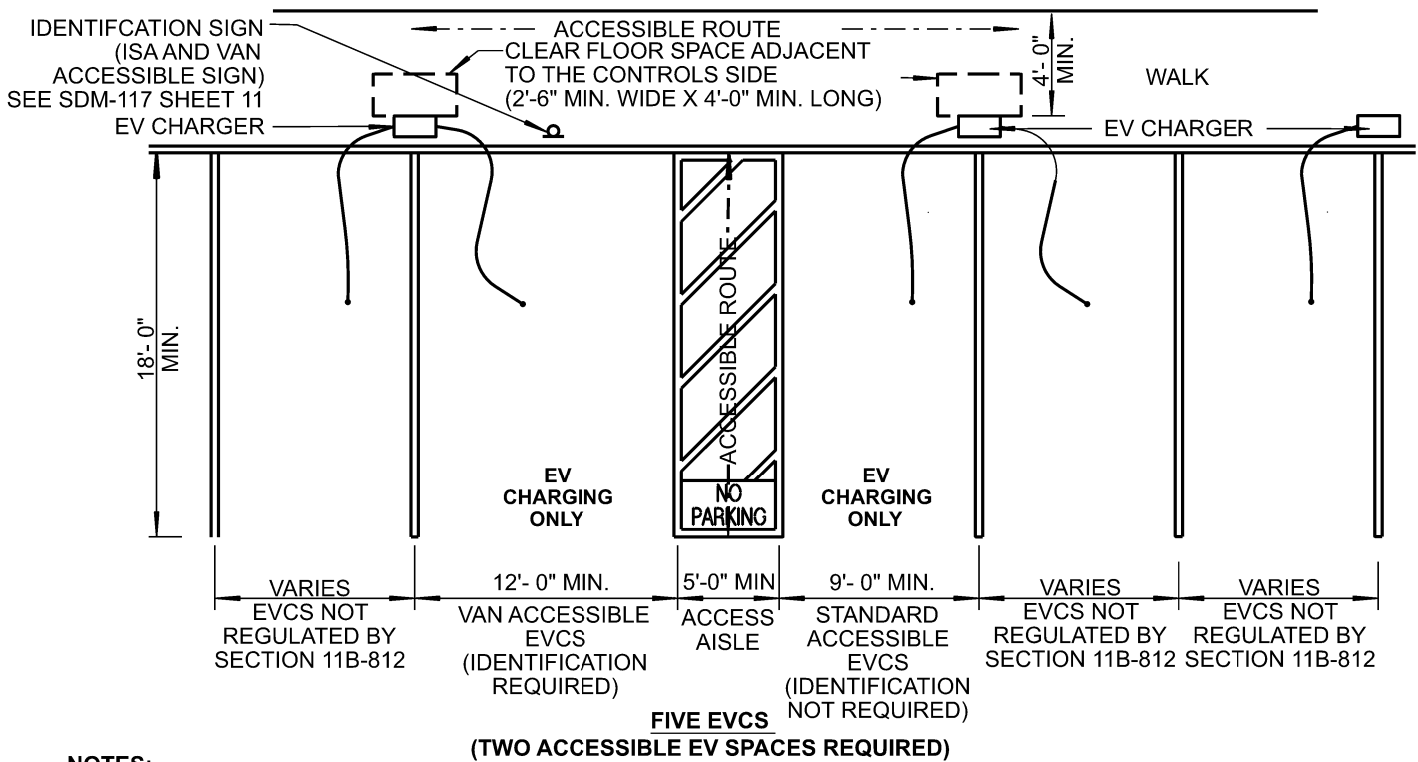
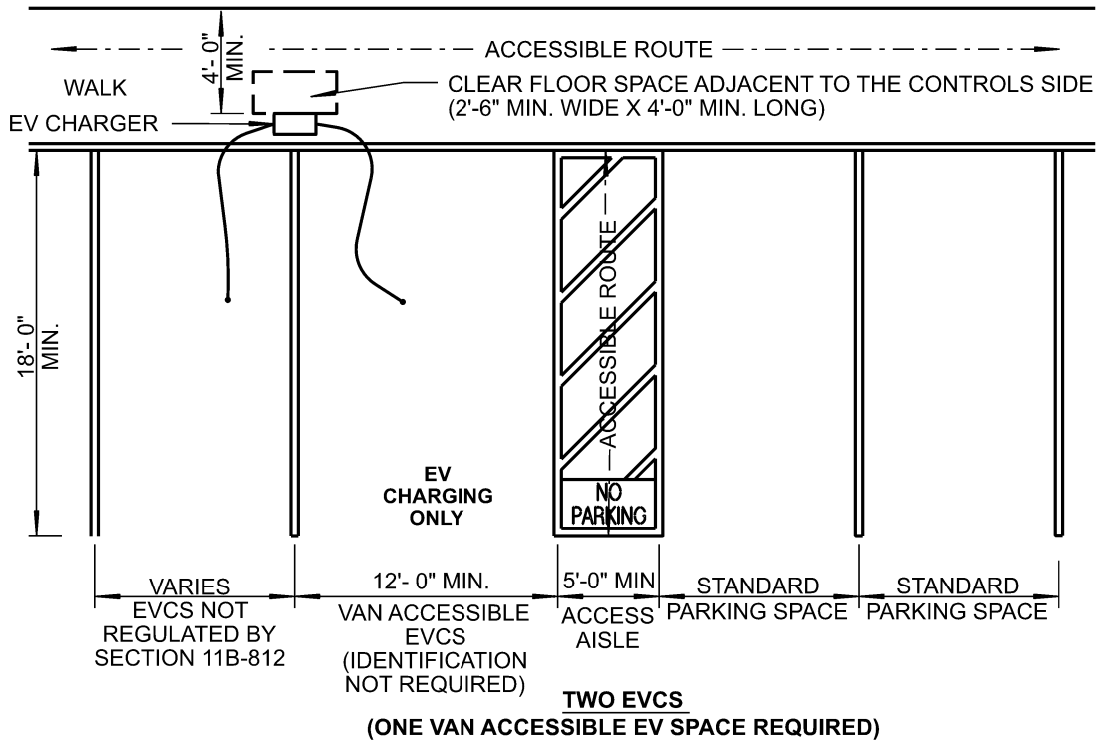
1. SEE **SDM-117 SHEET 1** FOR ACCESSIBLE PARKING NOTES.
2. AN ACCESS AISLE LEVEL WITH THE PARKING SPACE IS NOT REQUIRED WHERE THE WIDTH OF THE ADJACENT SIDEWALK OR THE AVAILABLE ROW IS LESS THAN 14'-0". WHEN AN ACCESS AISLE IS NOT PROVIDED, PARKING SHALL BE LOCATED AT THE END OF THE BLOCK FACE.
3. THE WIDTH OF THE ACCESSIBLE SPACE SHALL BE 13'-0" MINIMUM (8"-0" MIN. FOR VEHICLE AND 5'-0" MIN. FOR ACCESS AISLE) AND SHALL NOT ENCROACH ON THE TRAVELED WAY.

EXCEPTIONS (IF THE PARKING IS PROVIDED NEAREST THE CROSSWALK AT THE END OF THE BLOCK FACE OR MID-BLOCK AND A CURB RAMP OR BLENDED TRANSITION IS PROVIDED SERVING THE CROSSWALK):

- A. WHERE PARALLEL ON-STREET PARKING SPACES ARE ALTERED BUT THE ADJACENT PEDESTRIAN CIRCULATION PATH IS NOT, ANY ACCESSIBLE PARALLEL ON-STREET PARKING SPACES PROVIDED MAY HAVE THE SAME DIMENSIONS AS THE ADJACENT PARALLEL ON-STREET PARKING SPACES.
- B. IN ALTERATIONS, WHERE PROVIDING PARALLEL ON-STREET PARKING SPACES WITH THE DIMENSIONS SPECIFIED IN THE STANDARD WOULD RESULT IN AN AVAILABLE RIGHT-OF-WAY WIDTH LESS THAN OR EQUAL TO 9'-0", MEASURED FROM THE CURB LINE TO THE RIGHT-OF-WAY LINE, THE ACCESSIBLE PARALLEL ON-STREET PARKING SPACES MAY HAVE THE SAME DIMENSIONS AS THE ADJACENT PARALLEL ON-STREET PARKING SPACES IF THEY ARE PROVIDED NEAREST THE CROSSWALK AT THE END OF THE BLOCK FACE OR NEAREST A MID-BLOCK CROSSWALK, AND A CURB RAMP OR BLENDED TRANSITION IS PROVIDED SERVING THE CROSSWALK.
4. THE CENTER 50% OF THE LENGTH OF THE SIDEWALK ADJACENT TO AN ACCESSIBLE PARALLEL PARKING SPACE SHALL BE PAVED AND FREE OF OBSTRUCTIONS, INCLUDING PARKING SIGNAGE, METERS, AND PAY STATIONS, FOR A MINIMUM CLEAR WIDTH OF 8'-0" FROM THE FACE OF CURB AND COMPLY WITH SIDEWALK CROSS SLOPE STANDARDS. IN EXISTING LOCATIONS, THE CLEAR WIDTH SHALL BE AS WIDE AS THE AVAILABLE ROW.
5. ACCESSIBLE PARKING SPACES SERVING GOVERNMENT BUILDINGS, SENIOR FACILITIES, AND HEALTH SERVICES SHALL BE LOCATED CLOSEST TO THE MAIN ENTRANCE TO THESE BUILDINGS. THE EXISTING PERMITTED BLUE CURB SHALL BE LOCATED AT THE EXACT LOCATION UNLESS THE REQUESTER RESCINDS IT. THE SPACES SHALL BE CONNECTED BY AN ACCESSIBLE ROUTE (CURB RAMP).
6. EACH ACCESSIBLE PARALLEL ON-STREET PARKING SPACE SHALL HAVE A CURB RAMP OR BLENDED TRANSITION TO CONNECT TO THE PEDESTRIAN ACCESS ROUTE. A CURB RAMP CAN BE SHARED BETWEEN TWO ACCESSIBLE SPACES SO LONG AS THE SPACES DO NOT BLOCK ACCESS TO THE CURB RAMP AND RED CURB IS PROVIDED BETWEEN THE BLUE CURB.

SHEET 14 OF 17

REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING	RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL	FC	A. OSKOU	1206		
UPDATED	FC	J. NAGELVOORT	0216		
UPDATED	FC	J. NAGELVOORT	0918		
UPDATED	FM	R. AMEN	0324		
				ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (ON-STREET PARKING)	<i>Alaine James</i> 3/28/2024 COORDINATOR R.C.E. 81047 DATE
					DRAWING NUMBER SDM-117



NOTES:

- SEE **SDM-117 SHEETS 4, 5, AND 6** FOR ELECTRICAL VEHICLE CHARGING STATIONS REQUIREMENTS.
- SEE **SDM-117 SHEETS 8 AND 9** FOR ACCESSIBLE PARKING REQUIREMENTS, INCLUDING PAVEMENT MARKINGS (FOR ACCESS AISLE AND STALL), CURB RAMP, AND WHEEL STOPS.
- EACH ELECTRIC VEHICLE CHARGING STATION DESIGNATED FOR VAN ACCESSIBLE, STANDARD ACCESSIBLE, AND AMBULATORY EVCS SHALL BE MARKED WITH A WHITE 1'-0" HIGH "EV CHARGING ONLY" PAVEMENT MARKING.

REVISION	BY	APPROVED	DATE
ORIGINAL	FC	A. OSKOUI	12/06
UPDATED	KA	J. NAGELVOORT	01/12
UPDATED	FC	J. NAGELVOORT	02/16
UPDATED	FC	J. NAGELVOORT	08/18
UPDATED	RC	R. AMEN	03/24

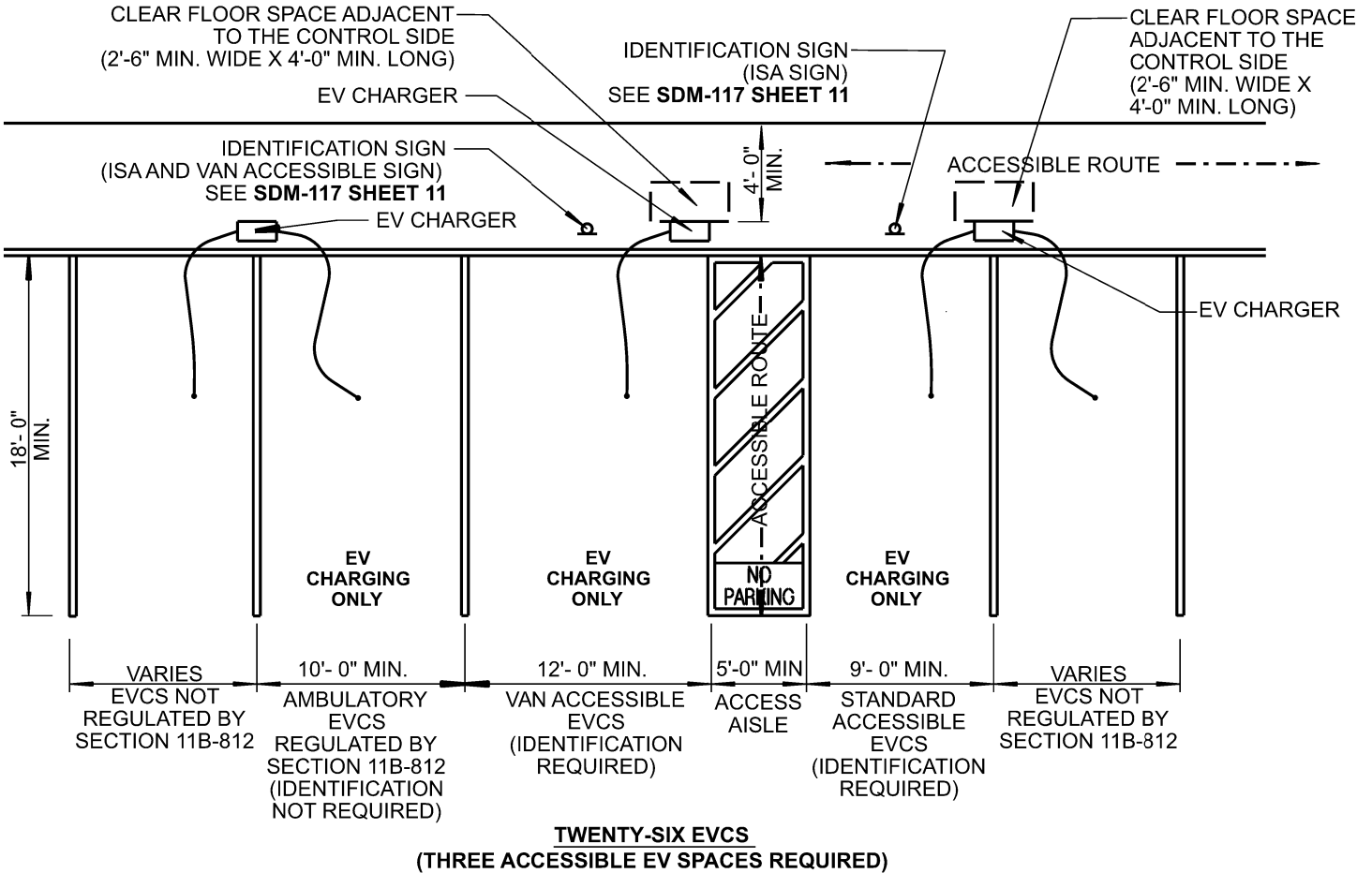
CITY OF SAN DIEGO - STANDARD DRAWING

ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (EVCS SPACES)

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

Alaine James 3/28/2024
COORDINATOR R.C.E. 81047 DATE

DRAWING NUMBER **SDM-117**



NOTES:

1. SEE **SDM-117 SHEETS 4, 5, AND 6** FOR ELECTRICAL VEHICLE CHARGING STATIONS REQUIREMENTS.
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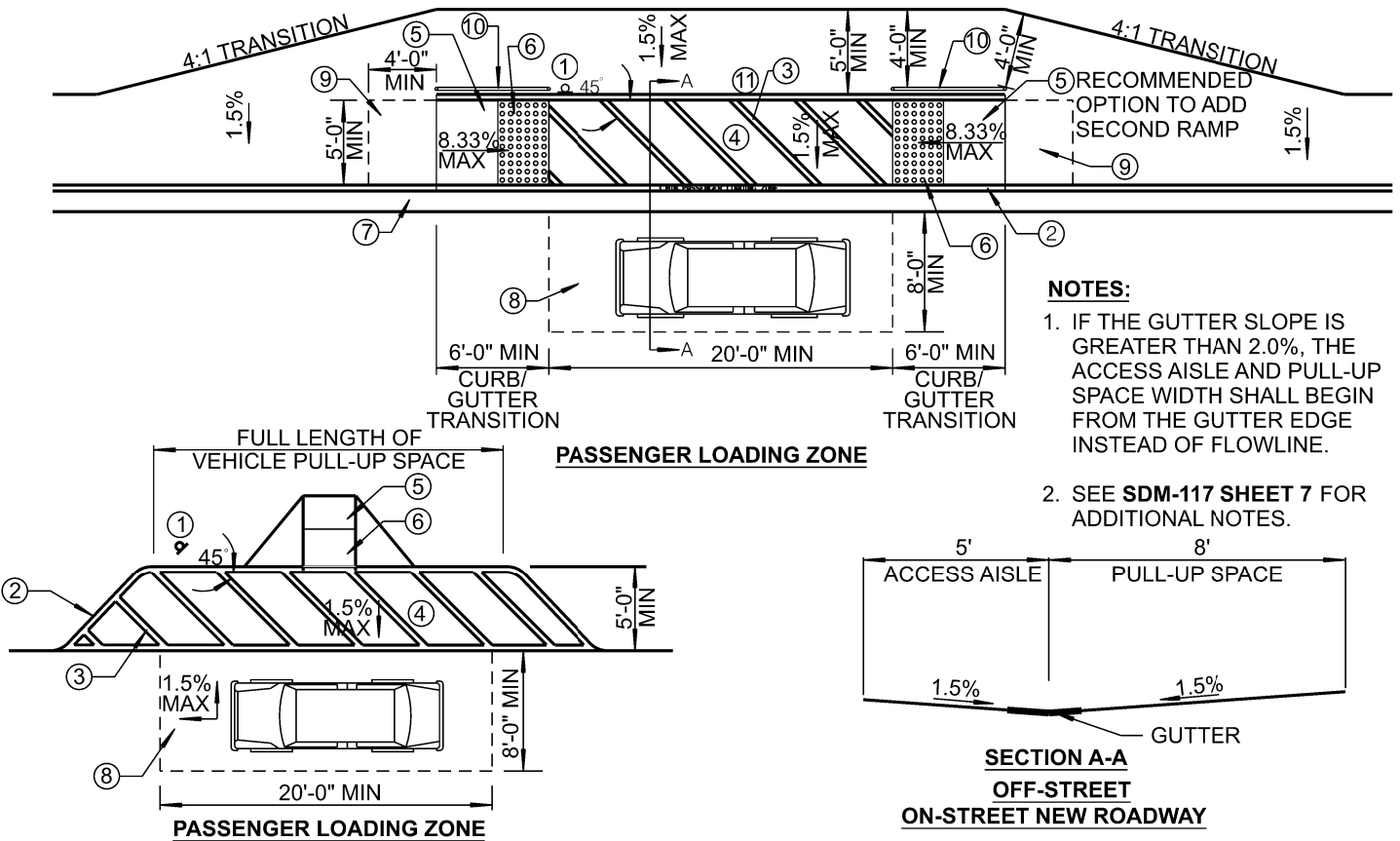
CITY OF SAN DIEGO - STANDARD DRAWING

**ACCESSIBLE PARKING, EVCS SPACES, AND
PASSENGER DROP-OFF / LOADING ZONE
(EVCS SPACES)**

RECOMMENDED BY THE CITY
OF SAN DIEGO STANDARDS COMMITTEE

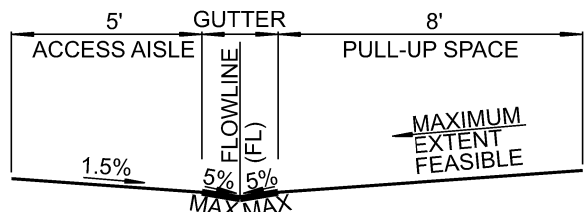
Alaine James 3/28/2024
COORDINATOR R.C.E. 81047 DATE

DRAWING NUMBER **SDM-117**

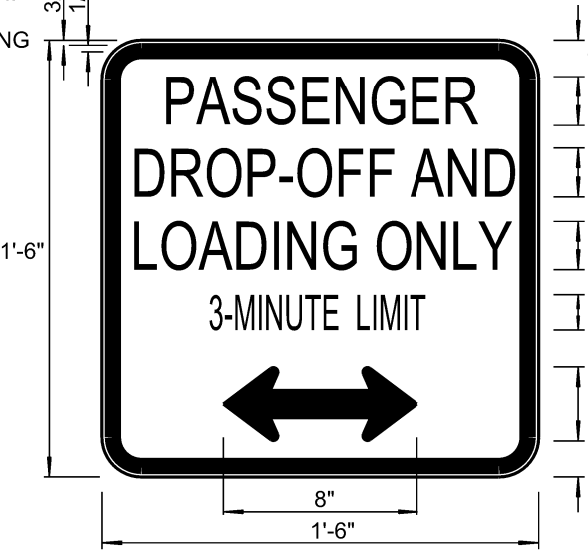


- NOTES:**
- IF THE GUTTER SLOPE IS GREATER THAN 2.0%, THE ACCESS AISLE AND PULL-UP SPACE WIDTH SHALL BEGIN FROM THE GUTTER EDGE INSTEAD OF FLOWLINE.
 - SEE **SDM-117 SHEET 7** FOR ADDITIONAL NOTES.

- KEY NOTES:**
- ACCESSIBLE PASSENGER DROP-OFF AND LOADING ZONE SIGN (1'-6" X 1'-6" - BLACK LETTERING ON WHITE BACKGROUND). MUTCD R501 OR R470 CAN BE USED IN LIEU OF THIS SIGN.
 - 6" WHITE PAINTED CURB AND CURB FACE (STENCILED WITH 4" BLACK SANS SERIF CLEARVIEW, 3" MIN "PASSENGER LOADING ZONE").
 - 4" WIDE WHITE STRIPING AT 3'-0" O.C. AND 45° TO CURB FACE.
 - VEHICLE ACCESS AISLE:
 - OFF-STREET - SLOPES SHALL NOT EXCEED 1.5% IN ANY DIRECTION.
 - ON-STREET - CROSS SLOPE SHALL NOT EXCEED 1.5%. THE RUNNING SLOPE MAY FOLLOW THE EXISTING SLOPE OF THE STREET.
 - CURB RAMP.
 - DETECTABLE WARNING TILE PER **SDG-130**.
 - THE SLOPE OF THE GUTTER WITHIN THE ACCESS AISLE SHALL NOT EXCEED 5%.
 - VEHICLE PULL-UP SPACE SHALL MEASURE 20'-0" X 8'-0":
 - OFF-STREET PULL-UP SPACE - SLOPES SHALL NOT EXCEED 1.5% IN ANY DIRECTION.
 - ON-STREET PULL-UP SPACE - CROSS SLOPE SHALL BE 1.5% IF FEASIBLE (OTHERWISE TO THE MAXIMUM EXTENT). THE RUNNING SLOPE MAY FOLLOW THE EXISTING SLOPE OF THE STREET.
 - 4'-0" X 5'-0" LEVEL LANDING. THE CURB RAMP LANDING SHALL CONNECT TO THE ACCESSIBLE ROUTE TO THE FACILITY IT SERVES.
 - PROTECTIVE RAILING PER **SDG-140**.
 - THE CENTER 50% OF THE LENGTH OF THE SIDEWALK, OR OTHER SURFACE, ADJACENT TO AN ACCESSIBLE PASSENGER LOADING ZONE SHALL BE PAVED AND FREE OF OBSTRUCTIONS.



**SECTION A-A
OFF-STREET
ON-STREET NEW ROADWAY**



REVISION	BY	APPROVED	DATE	CITY OF SAN DIEGO - STANDARD DRAWING		RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE
ORIGINAL	KA	J. NAGELVOORT	01/12	ACCESSIBLE PARKING, EVCS SPACES, AND PASSENGER DROP-OFF / LOADING ZONE (ON AND OFF-STREET PASSENGER DROP-OFF AND LOADING ZONE)		<i>Alaine James 3/28/2024</i> COORDINATOR R.C.E. 81047 DATE
UPDATED	FC	J. NAGELVOORT	02/16			
UPDATED	FC	J. NAGELVOORT	09/18			
UPDATED	FM	R. AMEN	03/24			
				DRAWING NUMBER		SDM-117