

### TYPICAL REST AREA LAYOUT

#### NOTES:

1. Specifically designated 12 ft wide accessible parking stalls (14 ft for accessible trucks stalls) will be located as close as possible to walkways and entrances. The number of such to the total number of stalls (car and truck) is: 1 for every 25. The accessible parking stalls should include at least 1 accessible van stall for every 6 accessible stalls, with a minimum of 1. See sheet 3 for details and the Michigan Vehicle Code and local ordinances for more information on accessible requirements.
2. To calculate the number of truck stalls (T):  $T = (\text{Length of truck parking area minus } 86 \text{ ft } 8 \text{ inches (end loss) minus allowances needed for accessible stalls}) \text{ divided by } 28 \text{ ft.}$
3. To calculate the number of car stalls (C):  $C = (\text{Length of car parking area minus } 13 \text{ ft } 10 \text{ inches (end loss) minus allowances needed for accessible stalls}) \text{ divided by } 12 \text{ ft } 7 \text{ inches.}$
4. The typical parking stalls are striped with single lines with center to center spacing of 10 ft (12 ft for accessible stalls and 14 ft for trucks).



PREPARED BY  
TSMO DIVISION

DRAWN BY: LMF

CHECKED BY: JGM

DEPARTMENT DIRECTOR  
Paul C. Ajegba

Gregg Brunner, P.E. Gregg Brunner  
Jul 29 2020 10:35 AM

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF FIELD SERVICES

Bradley C. Wiefelich Bradley C. Wiefelich  
Nov 5 2020 5:51 AM

APPROVED BY: \_\_\_\_\_  
DIRECTOR, BUREAU OF DEVELOPMENT

MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF DEVELOPMENT STANDARD PLAN FOR

## PARKING AREA PAVEMENT MARKINGS

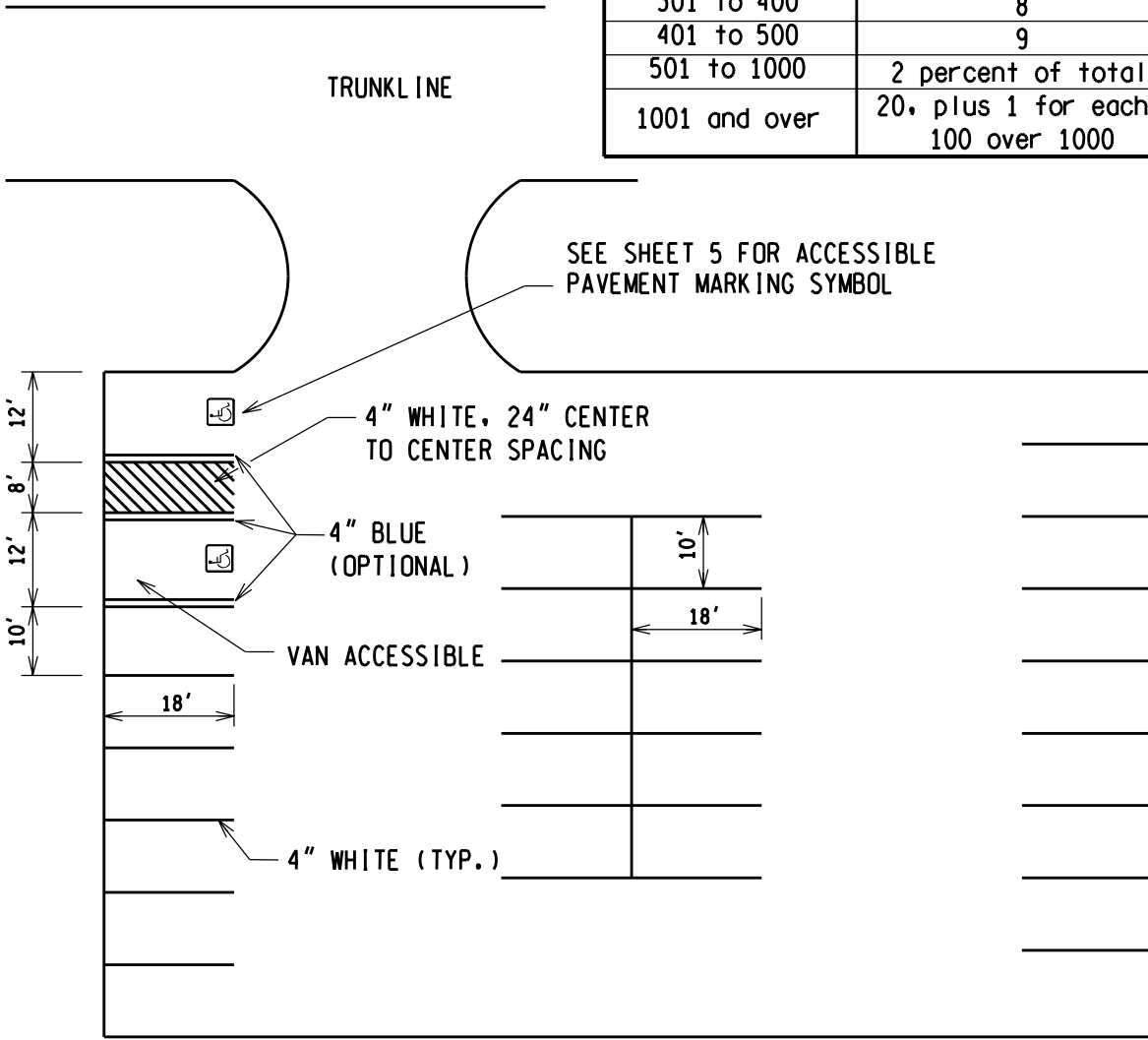
09/21/20  
F.H.W.A. APPROVAL

03/25/20  
PLAN DATE

PAVE-956-D

SHEET  
1 OF 6

Total Parking in Lot	Required Minimum Number of Accessible Spaces
1 to 25	1
26 to 50	2
51 to 75	3
76 to 100	4
101 to 150	5
151 to 200	6
201 to 300	7
301 to 400	8
401 to 500	9
501 to 1000	2 percent of total
1001 and over	20, plus 1 for each 100 over 1000



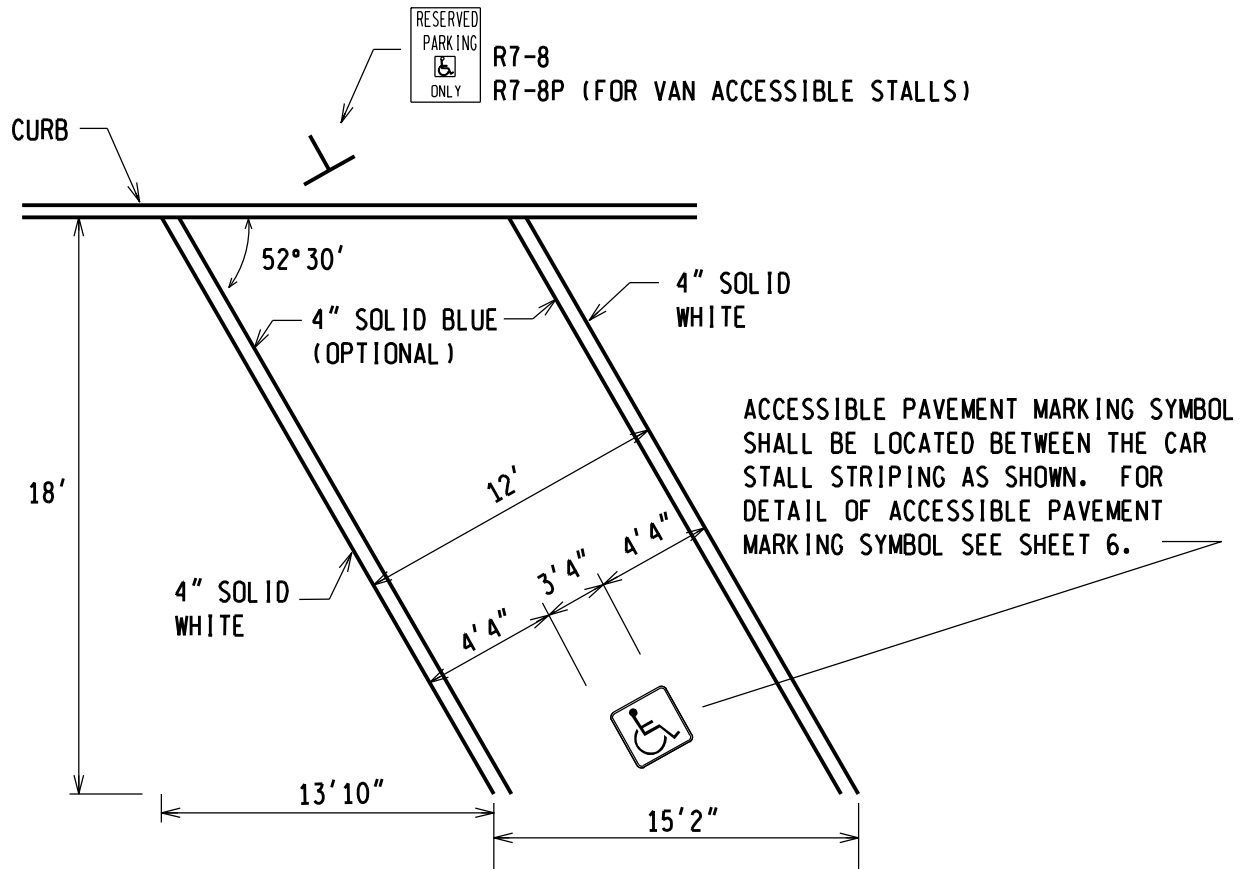
## TYPICAL PARK AND RIDE LOT LAYOUT

**NOTES:**

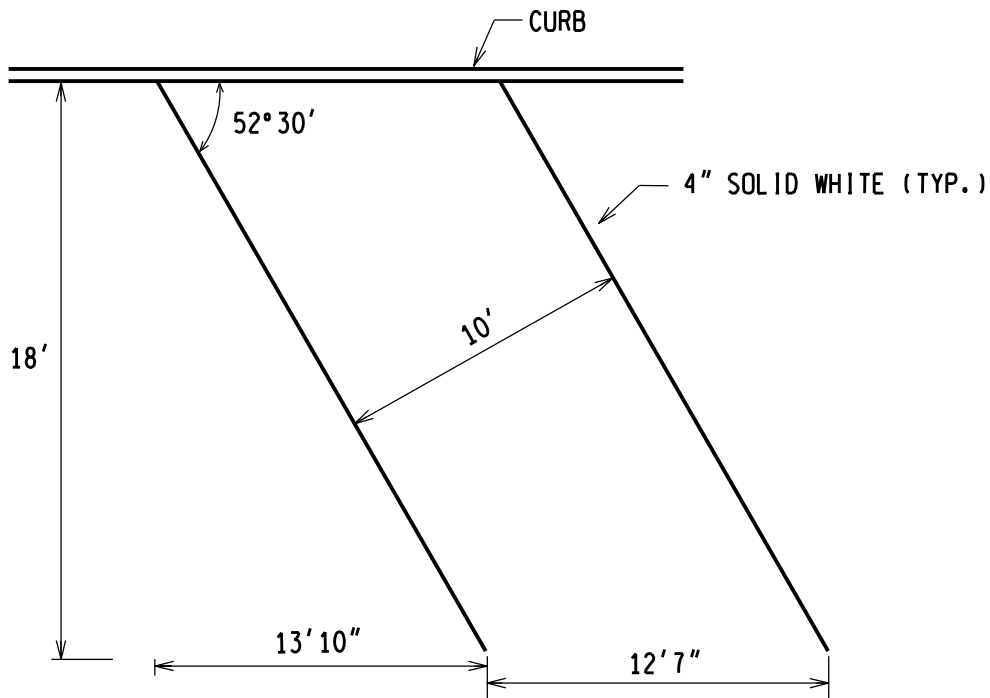
1. Refer to the Road Design Manual for typical parking lot dimensions.
2. Shown for typical stall striping information only.
3. All stall lines are single white lines. White lines may be supplemented with blue in accessible stalls.
4. 1 van accessible stall is required for every 6 accessible stalls, with a minimum of 1.
5. Buffers adjacent to a van accessible stall must be 8 ft wide. Buffers adjacent to other accessible stalls may be 5 ft width. Two accessible stalls may share a buffer. Buffers may be on either side of the stall except for angled van accessible stalls, where the buffer must be on the right (passenger) side.

NOT TO SCALE

NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.



**TYPICAL ACCESSIBLE PAVEMENT MARKINGS FOR CAR STALL**



**TYPICAL PAVEMENT MARKINGS FOR CAR STALL**

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF DEVELOPMENT STANDARD PLAN

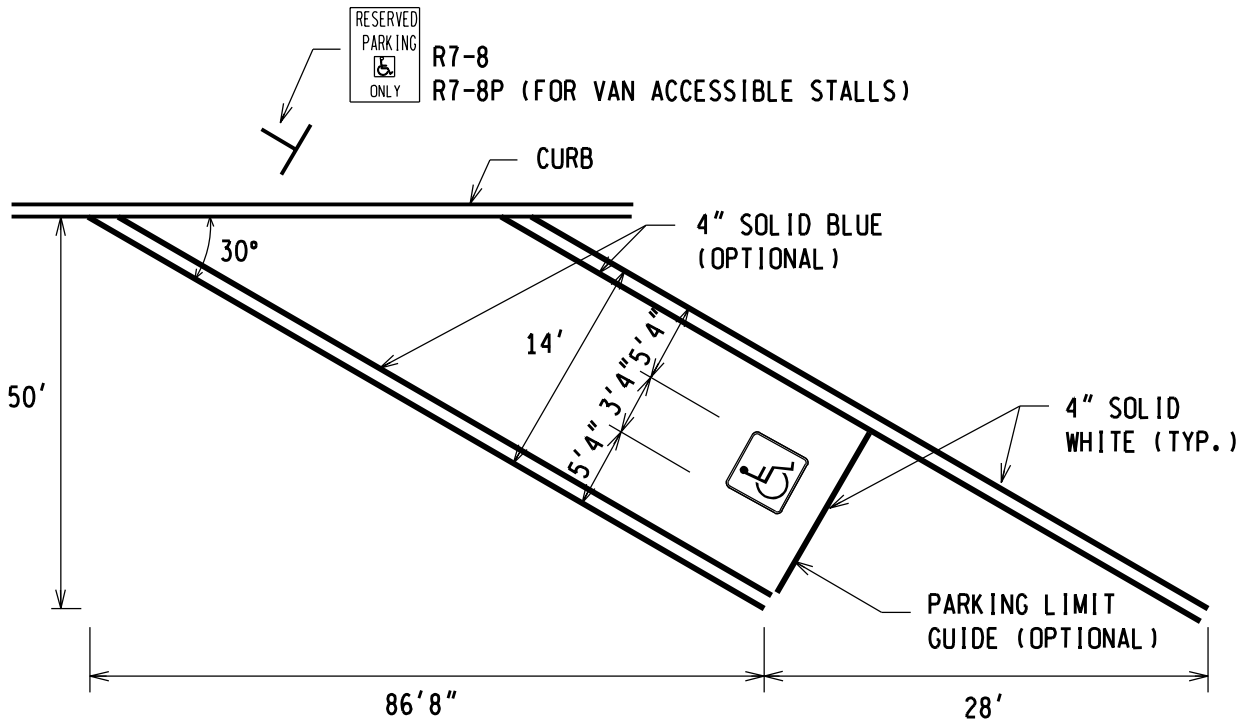
09/21/20  
F.H.W.A. APPROVAL

03/25/20  
PLAN DATE

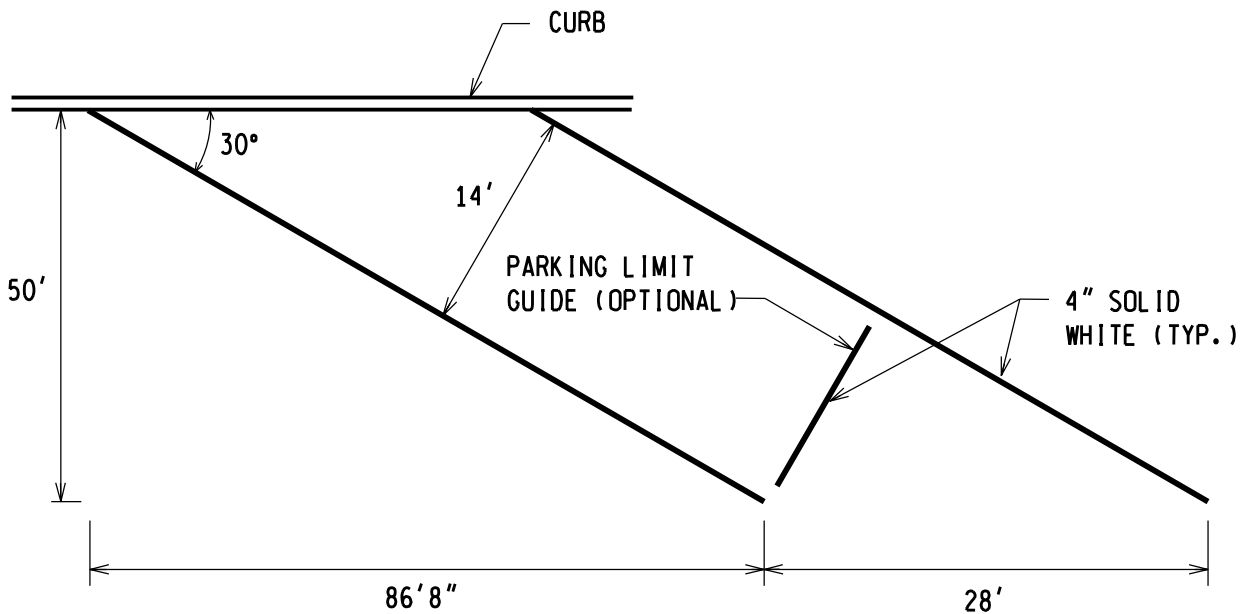
PAVE-956-D

SHEET  
3 OF 6

NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.



**TYPICAL ACCESSIBLE PAVEMENT MARKINGS FOR TRUCK STALL**



**TYPICAL PAVEMENT MARKINGS FOR TRUCK STALL**

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION  
 BUREAU OF DEVELOPMENT STANDARD PLAN

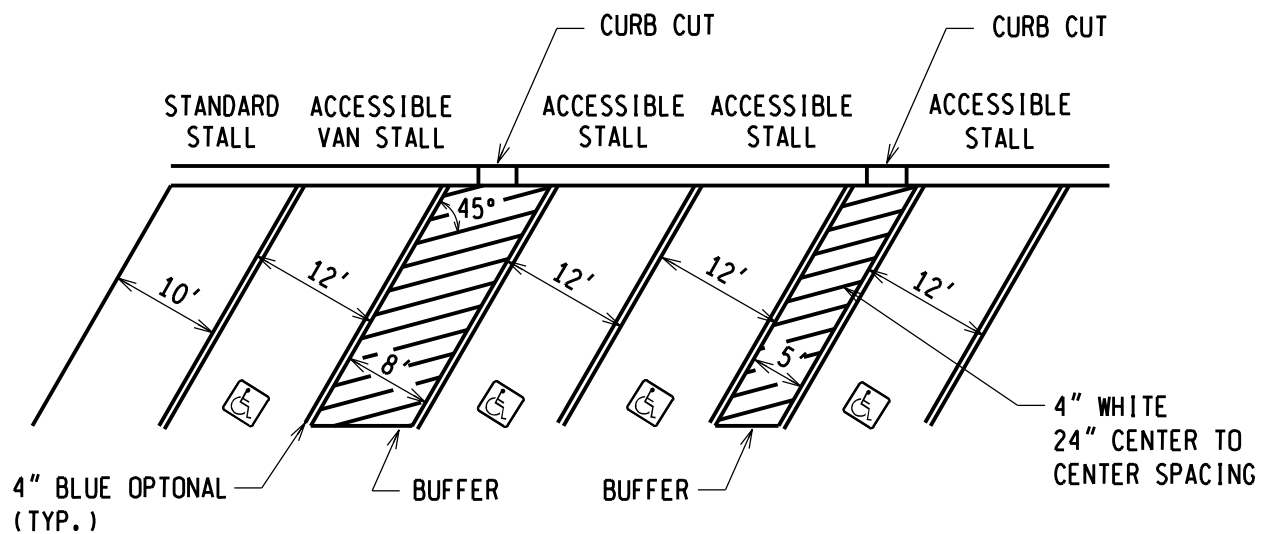
09/21/20  
 F.H.W.A. APPROVAL

03/25/20  
 PLAN DATE

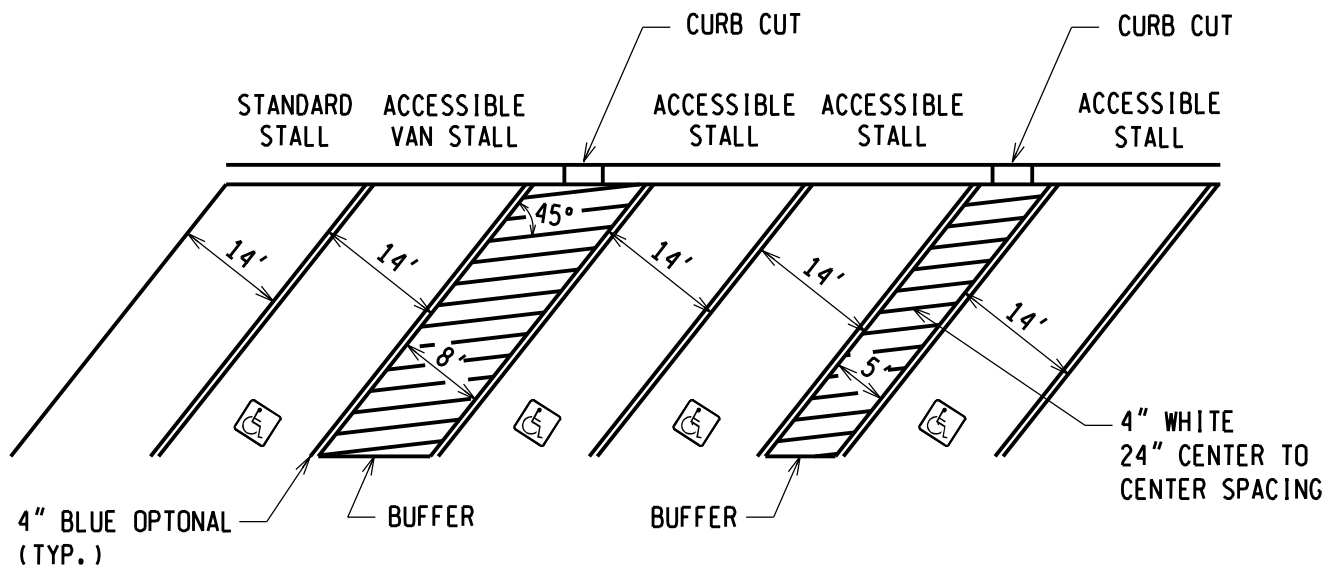
PAVE-956-D

SHEET  
 4 OF 6

NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.



### TYPICAL CAR PARKING STALL ARRANGEMENT



### TYPICAL TRUCK PARKING STALL ARRANGEMENT

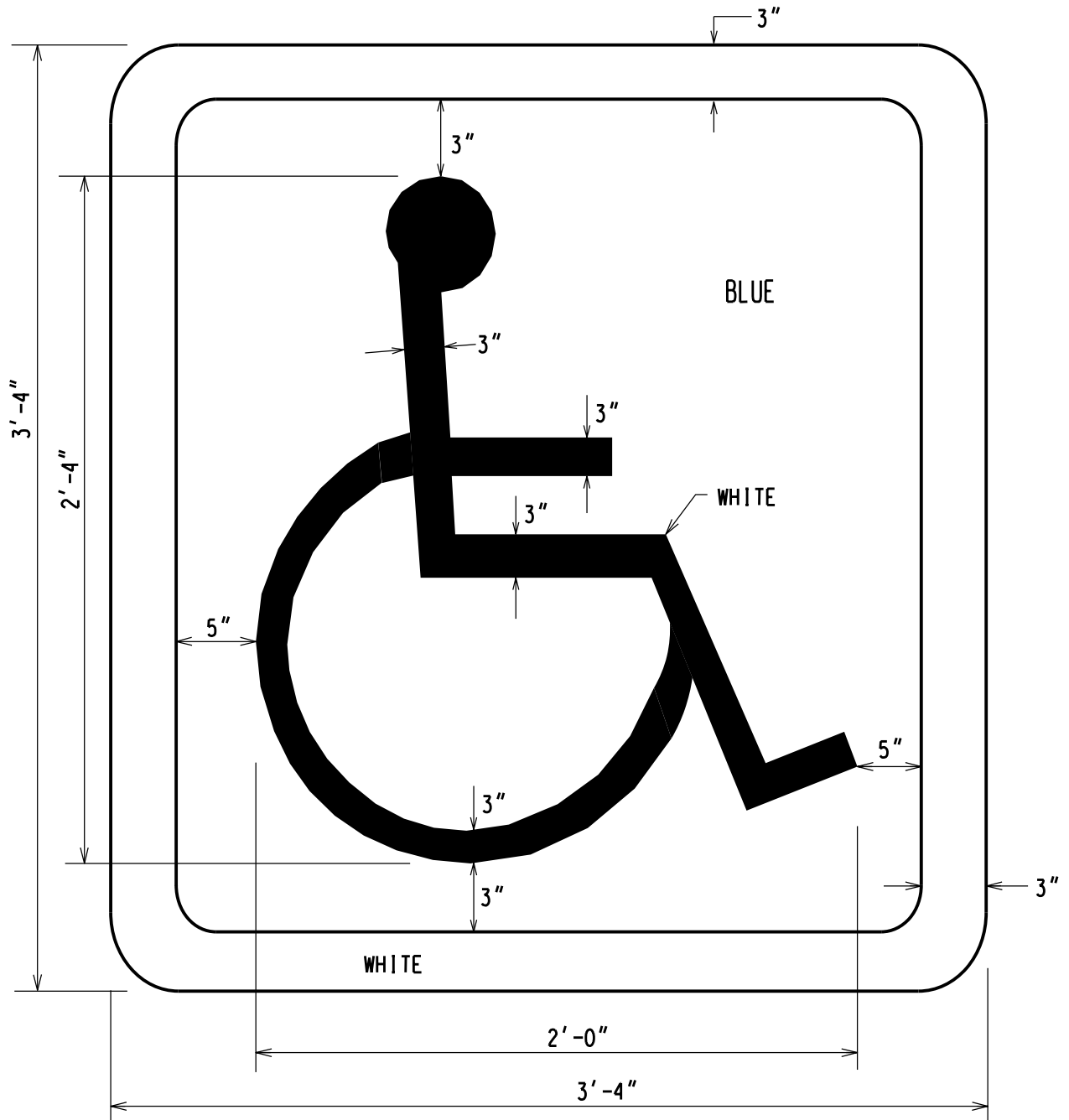
**NOTES:**

1. All stall lines are single white lines. White lines may be supplemented with blue in accessible stalls.
2. See sheet 6 for detail of accessible pavement marking symbol.
3. For curb cuts see typical detail on plan sheets.
4. 1 van accessible stall is required for every 6 accessible stalls, with a minimum of 1.
5. Buffers adjacent to a van accessible stall must be 8 ft wide. Buffers adjacent to other accessible stalls may be 5 ft width. Two accessible stalls may share a buffer. Buffers may be on either side of the stall except for angled van accessible stalls, where the buffer must be on the right (passenger) side.

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION BUREAU OF DEVELOPMENT STANDARD PLAN	09/21/20 F.H.W.A. APPROVAL	03/25/20 PLAN DATE	PAVE-956-D	SHEET 5 OF 6
--	-------------------------------	-----------------------	------------	-----------------

NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.



**ACCESSIBLE PAVEMENT MARKING SYMBOL**

NOT TO SCALE

MICHIGAN DEPARTMENT OF TRANSPORTATION  
BUREAU OF DEVELOPMENT STANDARD PLAN

09/21/20  
F.H.W.A. APPROVAL

03/25/20  
PLAN DATE

PAVE-956-D

SHEET  
6 OF 6

NOTE: THE ORIGINAL SIGNED COPY IS KEPT ON FILE AT THE MICHIGAN DEPARTMENT OF TRANSPORTATION.