

## TABLE OF DIMENSIONS IN FEET

0	S	L	Α	В	С	D	Е	F	G	Н	J	K
0°	8.0 8.0 8.0	22.0 24.0 26.0	0.0 0.0 0.0	22.0 24.0 26.0	8.0 8.0 8.0	8.0 8.0 8.0	12.0 11.0 10.0		0.0 0.0 0.0	5.0 5.0 5.0	28.0 27.0 26.0	
30°	8.5 9.0	19.0 19.0	29.2 30.0	17.0 18.0	16.9 17.3	13.2 13.4	10.0 9.0		12.8 13.5	6.0 6.0	43.8 43.6	
45°	8.5 9.0 9.5 10.0	19.0 19.0 19.0 19.0	19.4 19.8 20.1 20.5	12.0 12.7 13.4 14.1	19.4 19.8 20.1 20.4	16.4 16.6 16.7 16.9	10.8 10.0 9.5 9.0	15.5 16.0 16.5 17.0	6.0 6.4 6.7 7.0	9.5 9.0 8.5 8.0	49.6 49.6 49.7 49.8	93.2 92.8 92.6 92.6
60°	8.5 9.0 9.5 10.0	19.0 19.0 19.0 19.0	12.0 12.1 12.3 12.4	9.8 10.4 11.0 11.5	20.8 21.0 21.3 21.5	18.7 18.8 18.9 19.0	18.0 17.0 15.5 14.0	15.0 15.0 15.0	2.5 2.6 2.8 2.9	12.5 12.0 11.5 11.0	59.6 59.0 58.1 57.0	115.0 113.6 111.4 109.0
COMPACT 90°	7.5 8.5 9.0 9.5 10.0	15.0 19.0 19.0 19.0 19.0	0.0 0.0 0.0 0.0 0.0	7.5 8.5 9.0 9.5 10.0	15.0 19.0 19.0 19.0 19.0	15.0 19.0 19.0 19.0 19.0	24.0 27.0 25.0 24.0 23.0	20.0 20.0 20.0 20.0 20.0	0.0 0.0 0.0 0.0 0.0	5.0 5.0 5.0 5.0 5.0	54.0 65.0 63.0 62.0 61.0	108.0 130.0 126.0 124.0 122.0

- 1. PARKING LOT STRUCTURAL SECTION SHALL CONSIST OF 2" ASPHALT CONCRETE OVER 4" AGGREGATE BASE, CLASS 2, OVER 6" MINIMUM OF SUB-BASE COMPACTED TO 95% RELATIVE COMPACTION. DESIGN STRUCTURAL PAVING SECTION TO TRAFFIC INDEX OF 5.5 MINIMUM FOR SOLID WASTE TRUCK TRAVEL PATH. CITY PARKING LOT PAVEMENT SHALL BE DESIGNED PER STREET SECTION REQUIREMENTS STANDARD DRAWING.
- 2. MINIMUM SLOPE OF ASPHALT CONCRETE SURFACE SHALL BE 1%.
- 3. A LANDSCAPED ISLAND SHALL BE INSTALLED EVERY 10 SPACES.
- 4. MINIMUM AMOUNT OF LANDSCAPED AREA SHALL BE 5% TOTAL AREA.
- ACCESSIBLE ROUTES SHALL BE PROVIDED TO THE CITY STREET RIGHT OF WAY, TO BUILDINGS, AND FACILITY ARRIVAL POINTS.
- 6. PARKING STALL LENGTH (L) CAN BE REDUCED BY 2 FT WHERE VEHICLES HAVE SPACE TO OVER HANG BY 2 FT WHILE MAINTAINING AN ACCESSIBLE ROUTE.

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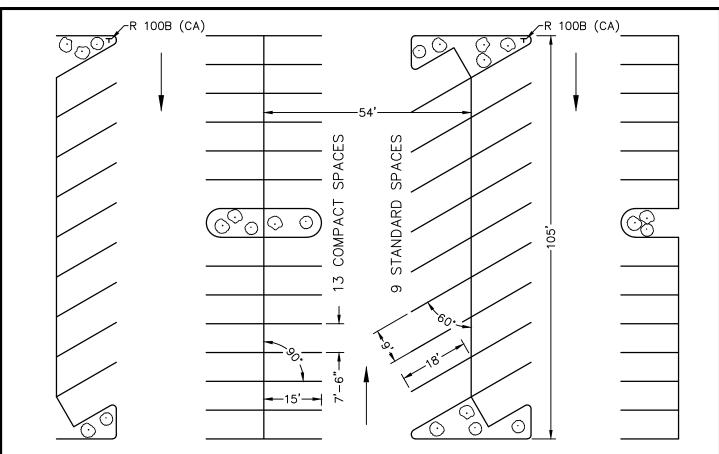
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## BASIC CONCEPT

THE DRACHMAN SYSTEM USES 90 DEGREE ANGLE SPACES FOR SMALL CARS IN THE SAME BAY IN WHICH 45 OR 60 DEGREE ANGLE SPACES ARE PROVIDED FOR LARGE CARS. THIS SELF ENFORCING PLAN USES STANDARD SPACE STALLS 8.5 OR 9.0 FEET WIDE BY 18 FEET LONG, WHILE COMPACT SPACES ARE 7.5 FEET WIDE BY 15 FEET LONG WITHIN A BAY WIDTH OF 54 FEET.

COMPARISON OF DRACHMAN SYSTEM TO STANDARD SYSTEM

DRACHMAN SYSTEM

STANDARD SPACES 9
COMPACT SPACES 13

**TOTAL** 

STANDARD SYSTEM

STANDARD SPACES 18

INCREASE IN SPACES DRACHMAN 22% OVER STANDARD PERCENTAGE

# NOTES:

- 1. PARKING LOT STRUCTURAL SECTION SHALL CONSIST OF 2" ASPHALT CONCRETE OVER 4" AGGREGATE BASE, CLASS 2, OVER 6" MINIMUM OF SUB-BASE COMPACTED TO 95% RELATIVE COMPACTION. DESIGN STRUCTURAL PAVING SECTION TO TRAFFIC INDEX OF 5.5 MINIMUM FOR SOLID WASTE TRUCK TRAVEL PATH. CITY PARKING LOT PAVEMENT SHALL BE DESIGNED PER STREET SECTION REQUIREMENTS STANDARD DRAWING.
- 2. MINIMUM SLOPE OF ASPHALT CONCRETE SURFACE SHALL BE 1%.
- 3. A LANDSCAPED ISLAND SHALL BE INSTALLED EVERY 10 SPACES.
- 4. MINIMUM AMOUNT OF LANDSCAPED AREA SHALL BE 5% TOTAL AREA.
- 5. CITY ORDINANCE ALLOWS A MAXIMUM OF 30% COMPACT PARKING SPACES WITHIN A PARKING LOT, UNLESS EXTRA SPACES ARE PROVIDED.

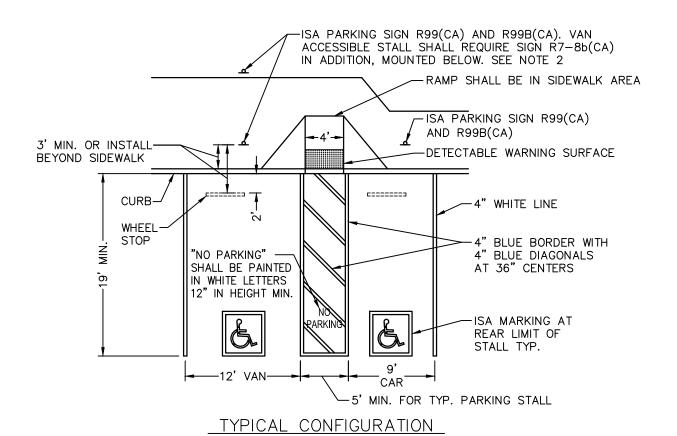
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DRACHMAN SYSTEM

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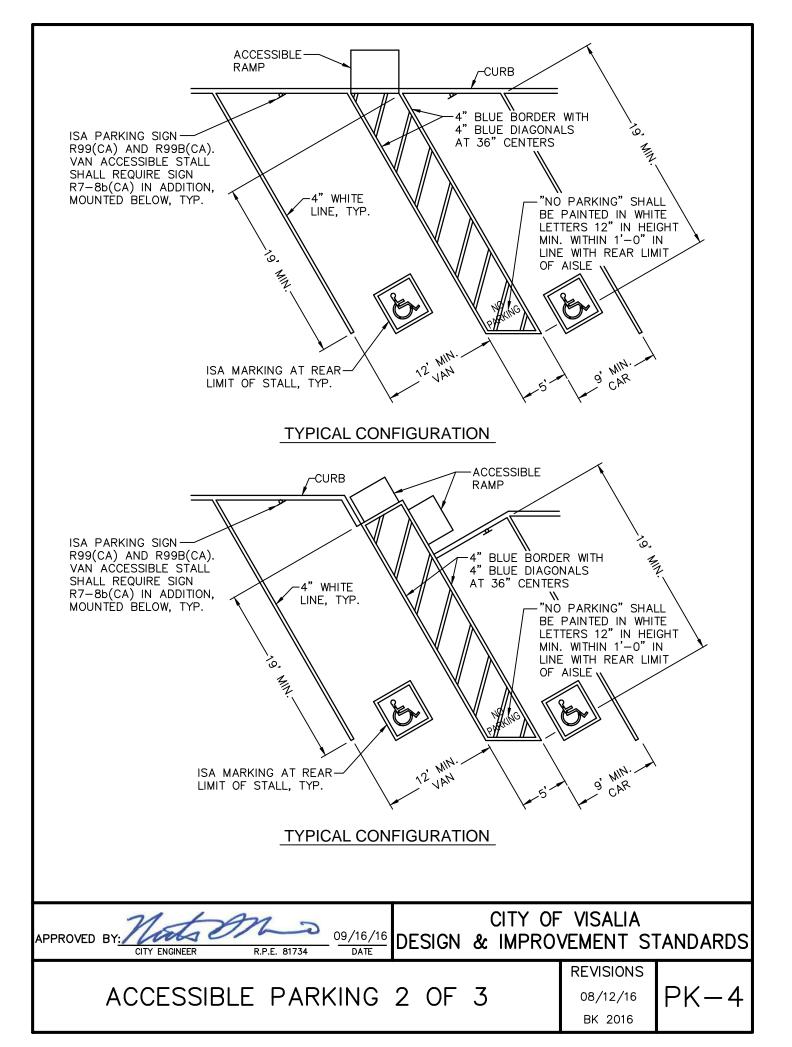
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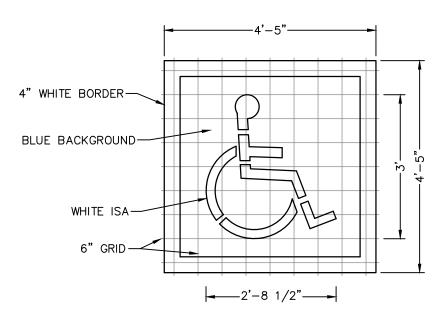
- SEE PARKING STANDARDS AND PARKING STANDARDS DRACHMAN SYSTEM FOR REQUIRED LENGTH OF STALLS.
- 2. A R99C(CA) SIGN CAN BE USED IN PLACE OF THE R99(CA) AND R99B(CA) SIGNS.
- 3. A MAX SLOPE OF 1.5% IN ALL DIRECTIONS ON ACCESSIBLE PARKING STALLS AND AISLES.
- ACCESSIBLE PARKING STALLS SHALL BE LOCATED AS CLOSE AS POSSIBLE, AND ON THE SHORTEST ACCESSIBLE ROUTE OF TRAVEL, TO THE PEDESTRIAN ENTRANCE OF THE SITE.
- ACCESSIBLE PARKING STALLS SHALL BE SO LOCATED THAT USERS ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN.
- 6. ONE IN EVERY SIX ACCESSIBLE PARKING STALLS, BUT NOT LESS THAN ONE, SHALL BE VAN ACCESSIBLE. VAN ACCESSIBLE PARKING STALLS SHALL HAVE AN ACCESS AISLE 5' MINIMUM IN WIDTH, PLACED ON THE SIDE OPPOSITE OF THE DRIVER'S SIDE OF THE VEHICLE.
- 7. RAMPS SHALL NOT ENCROACH INTO ANY ACCESSIBLE PARKING STALL OR ACCESS AISLE.
- 8. WHERE R99(CA) AND R99B(CA) SIGNS ARE INSTALLED ON SIDEWALKS OR OTHER PATHS OF TRAVEL, THE BOTTOM OF SIGN PANEL SHALL BE A MINIMUM OF 7' ABOVE THE SURFACE OF THE SIDEWALK OR PATH. WHERE R99(CA) AND R99B(CA) SIGNS ARE NOT INSTALLED ON SIDEWALKS OR PATHS OF TRAVEL, THE BOTTOM OF THE SIGN PANEL SHALL BE AT LEAST 5' ABOVE THE SURFACE OF THE PARKING LOT.
- 9. WHERE THERE IS A CLUSTER OF ACCESSIBLE PARKING STALLS, THE VAN ACCESSIBLE PARKING STALL SHALL BE FURTHEST FROM THE ACCESSIBLE FACILITY ENTRANCE, WITHIN SUCH CLUSTER OF ACCESSIBLE PARKING STALLS.

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ACCESSIBLE PARKING 1 OF 3

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# ISA MARKING FOR ACCESSIBLE PARKING SPACE OR STALL

TOTAL NUMBER OF PARKING SPACES OR STALLS	MINIMUM NUMBER OF DISABLED ACCESSIBLE PARKING SPACES OR STALLS					
1-25	1					
26-50	2					
51-75	3					
76-100	4					
101-150	5					
151-200	6					
201-300	7					
301-400	8					
401-500	9					
501-1000	2 PERCENT OF TOTAL					
GREATER THAN 1001	20 PLUS 1 FOR EACH 100 OR FRACTION THEREOF OVER 1000					

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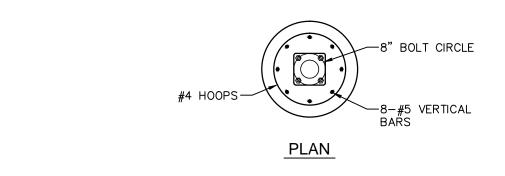
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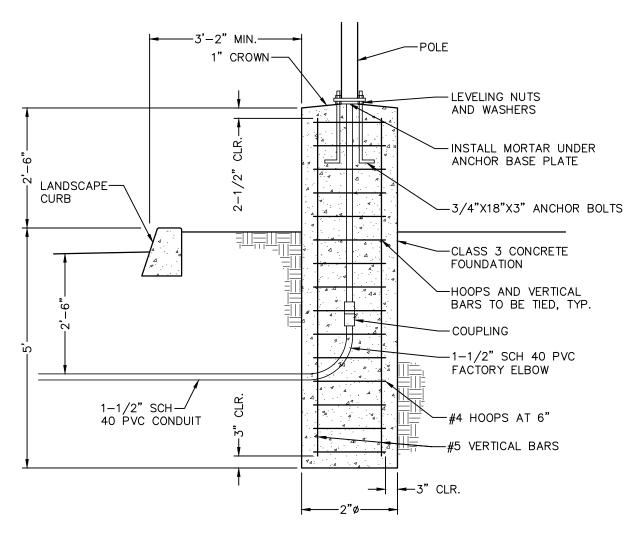
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ACCESSIBLE PARKING 3 OF 3

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### NOTES:

- 1. POLES SHALL BE 25'-0" ROUND STRAIGHT STEEL, LITHONIA RSS 25 4B OR APPROVED EQUAL.
- 2. LIGHTING SHALL BE LITHONIA KAD R5S 400W HIGH PRESSURE SODIUM OR APPROVED EQUAL MOUNTED WITH A 4" MAST ARM.
- 3. ALL POLES, MAST ARMS AND LIGHTING SHALL BE MEDIUM BRONZE IN COLOR.

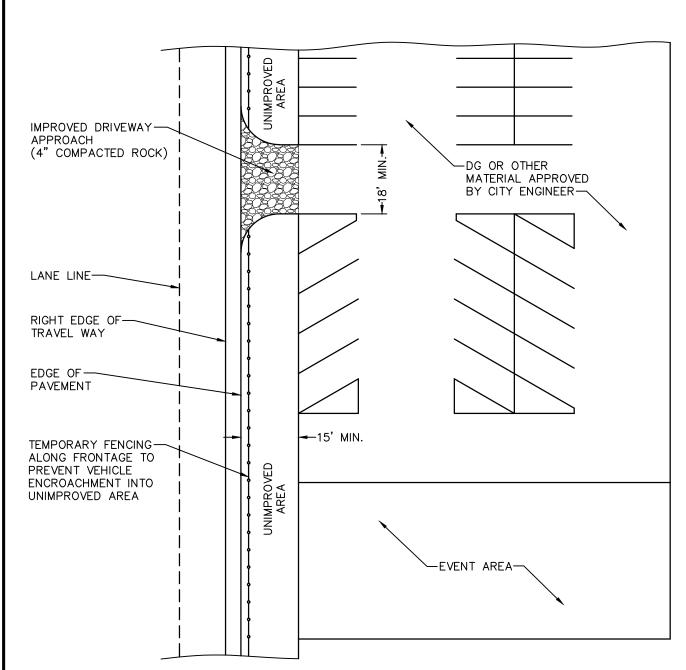
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CITY PARKING LOT LIGHTING

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#### NOTES:

- 1. APPLICABLE TO TEMPORARY PARKING LOTS FOR TEMPORARY FUNCTIONS SUCH AS CARNIVALS, CHRISTMAS TREE LOTS, PUMPKIN PATCHES AND SIMILAR EVENTS WITH APPROVAL OF CITY ENGINEER.
- 2. TEMPORARY PARKING LOT REQUIRES A TEMPORARY CONDITIONAL USE PERMIT (TCUP). APPLICANT IS RESPONSIBLE FOR ALL TRACK-OUT DAILY. TEMPORARY PARKING SHALL BE LIMITED TO 3 MONTHS MAX.
- 3. SEE OTHER PARKING DETAILS FOR DIMENSIONS AND OTHER REQUIREMENTS.
- 4. NOT APPLICABLE FOR PERMANENT FACILITIES WITH TEMPORARY PARKING USE SUCH AS STORAGE FACILITIES, INDUSTRIAL PARKING LOTS, GARAGE SHOPS, ETC.
- 5. APPLICANT IS RESPONSIBLE FOR ON-SITE DRAINAGE.

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TEMPORARY PARKING LOT STANDARDS

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