

TABLE OF DIMENSIONS IN FEET

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

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. 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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 CITY ENGINEER R.P.E. 81734 DATE 09/16/16

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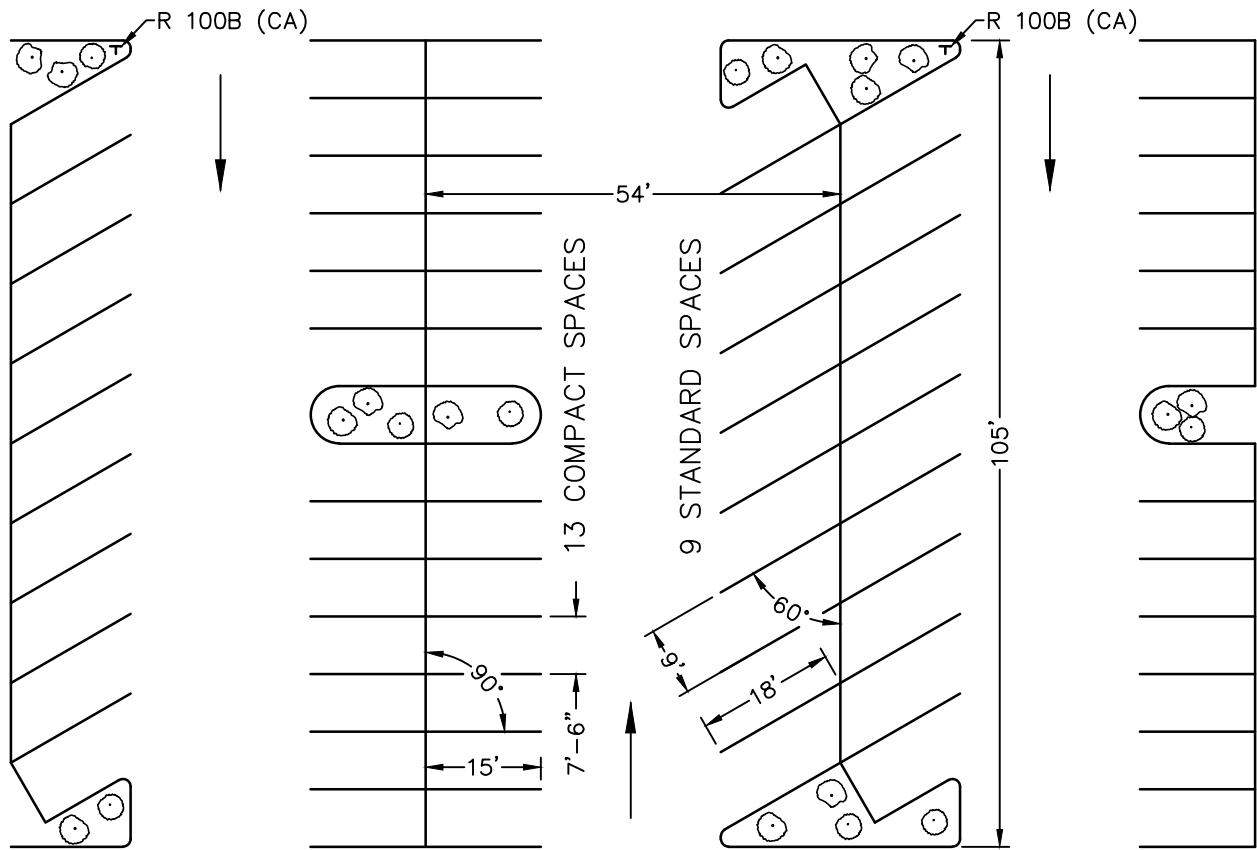
PARKING STANDARDS

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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 OVER STANDARD PERCENTAGE	22%

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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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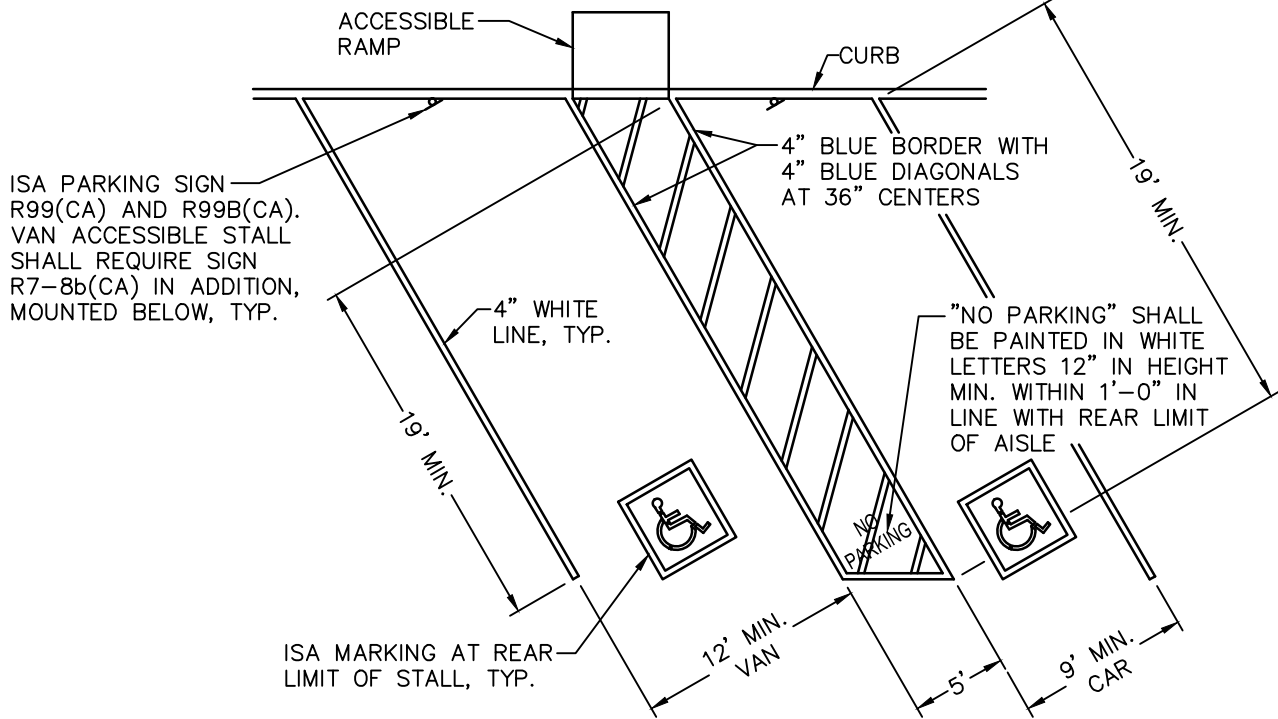
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**PARKING STANDARD  
 DRACHMAN SYSTEM**

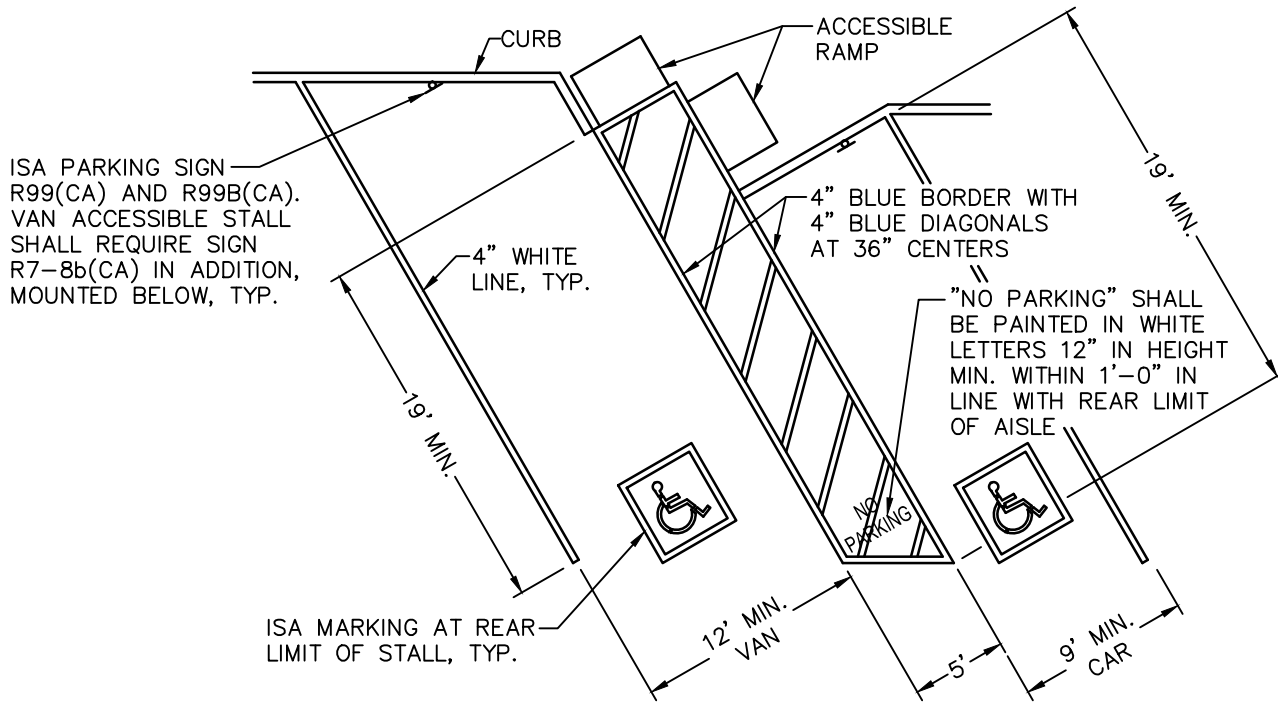
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TYPICAL CONFIGURATION



TYPICAL CONFIGURATION

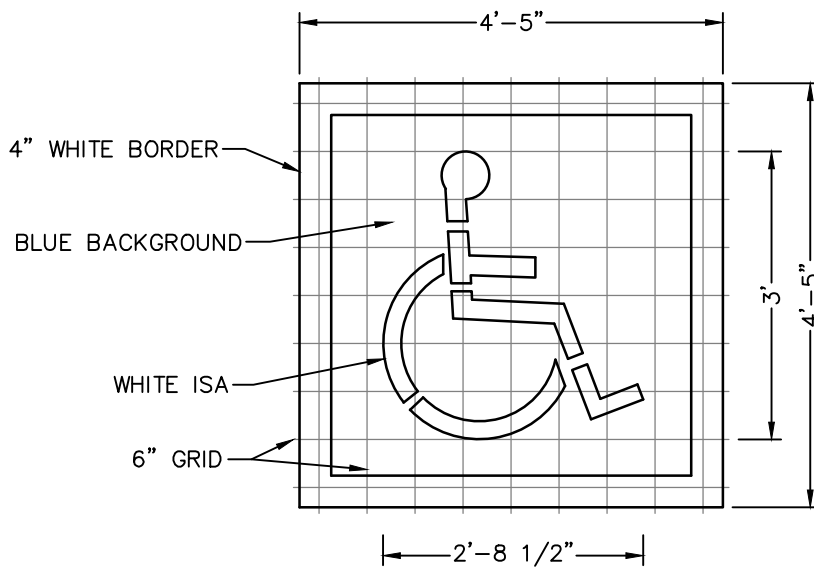
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ACCESSIBLE PARKING 2 OF 3

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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

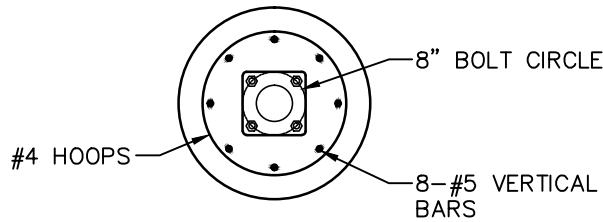
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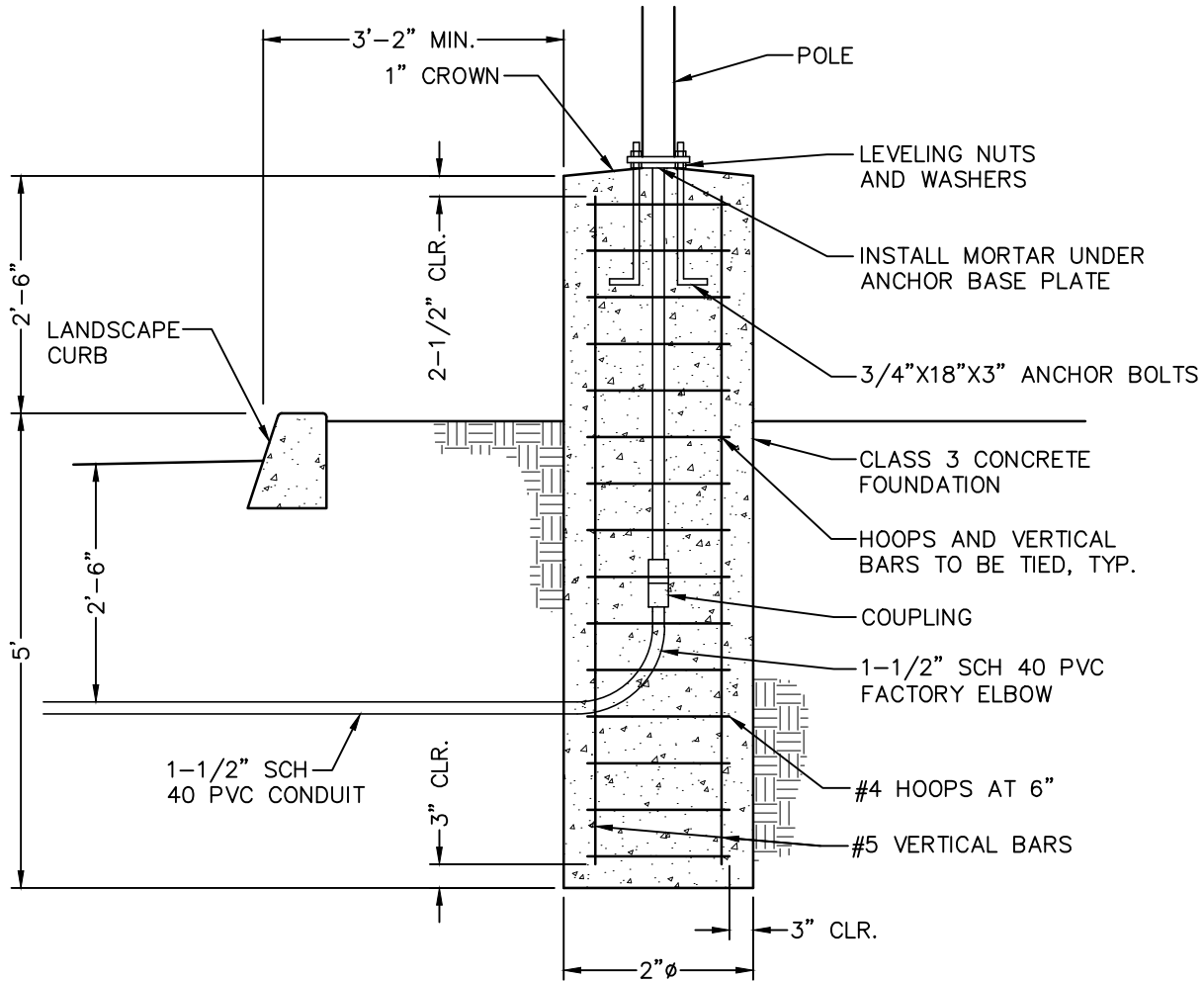
ACCESSIBLE PARKING 3 OF 3

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PLAN



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.

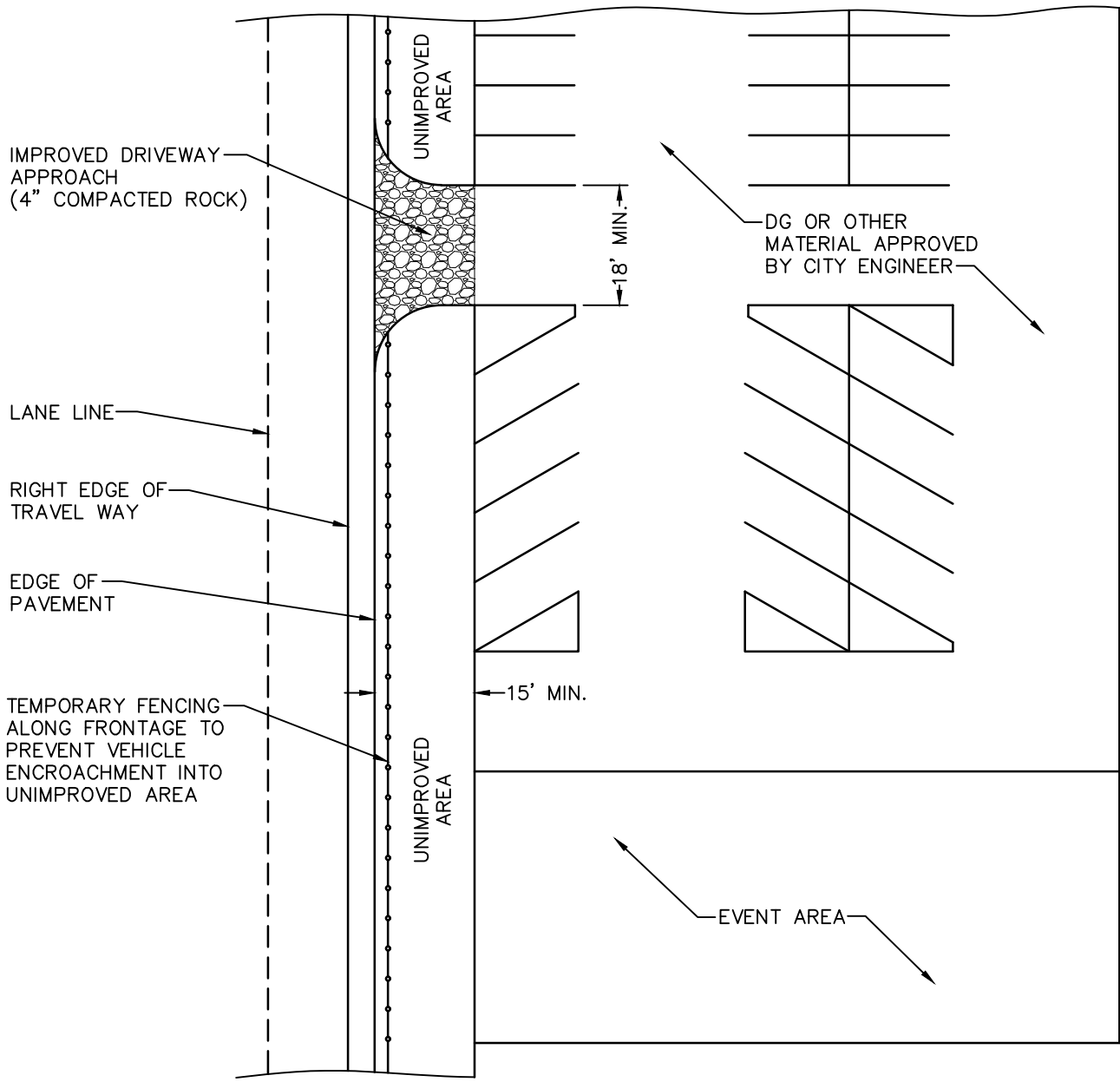
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CITY PARKING LOT LIGHTING

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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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