

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	15.0	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 90°	7.5	15.0	0.0	7.5	15.0	15.0	24.0	20.0	0.0	5.0	54.0	108.0	
	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 5.0 MINIMUM FOR SOLID WASTE TRUCK TRAVEL PATH.
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.

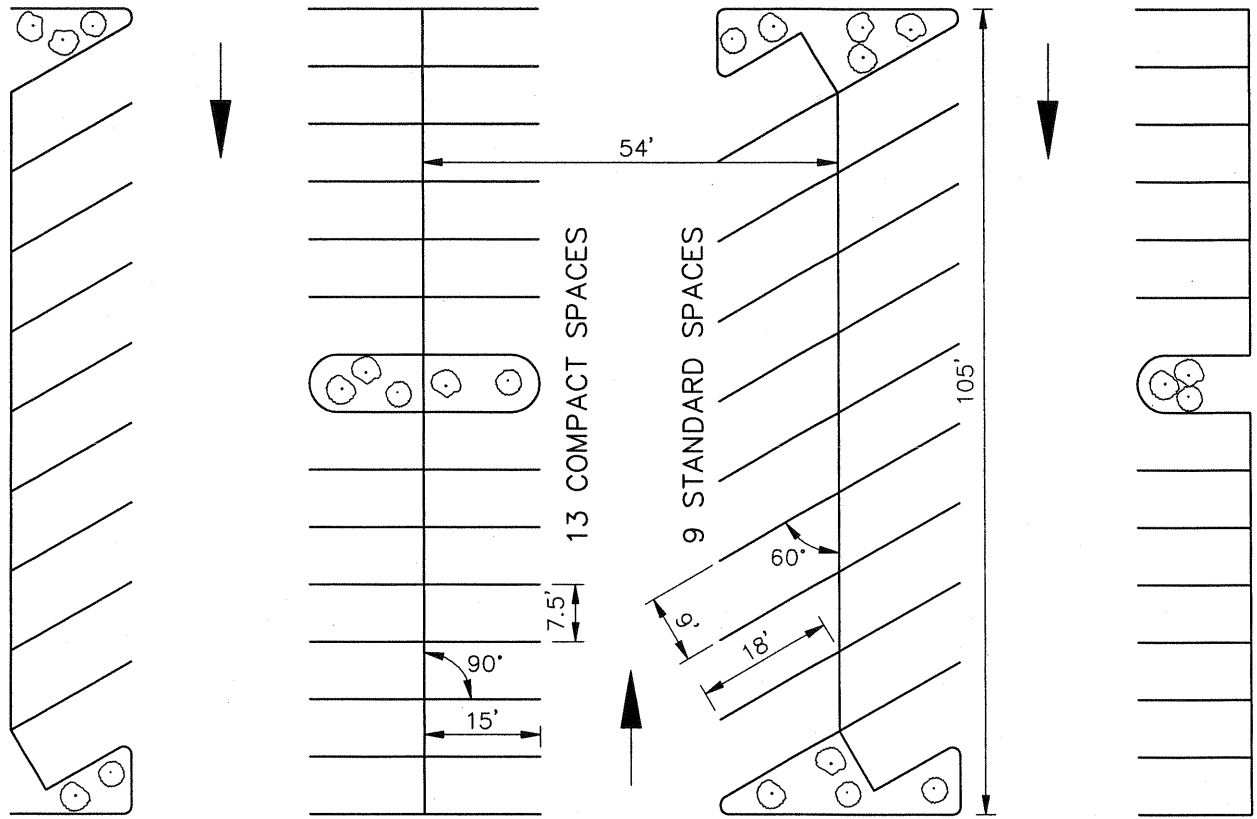
APPROVED BY: *Andrew J. Benelli* 3/3/08  
 PUBLIC WORKS DIRECTOR R.C.E. 50022 DATE

CITY OF VISALIA  
 DESIGN & IMPROVEMENT STANDARDS

PARKING STANDARDS

REVISIONS  
 11/29/99

PK-1



**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	22
STANDARD SYSTEM	
STANDARD SPACES	18
INCREASE IN SPACES DRACHMAN OVER STANDARD	4
PERCENTAGE	22%

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 5.0 MINIMUM FOR SOLID WASTE TRUCK TRAVEL PATH.
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.

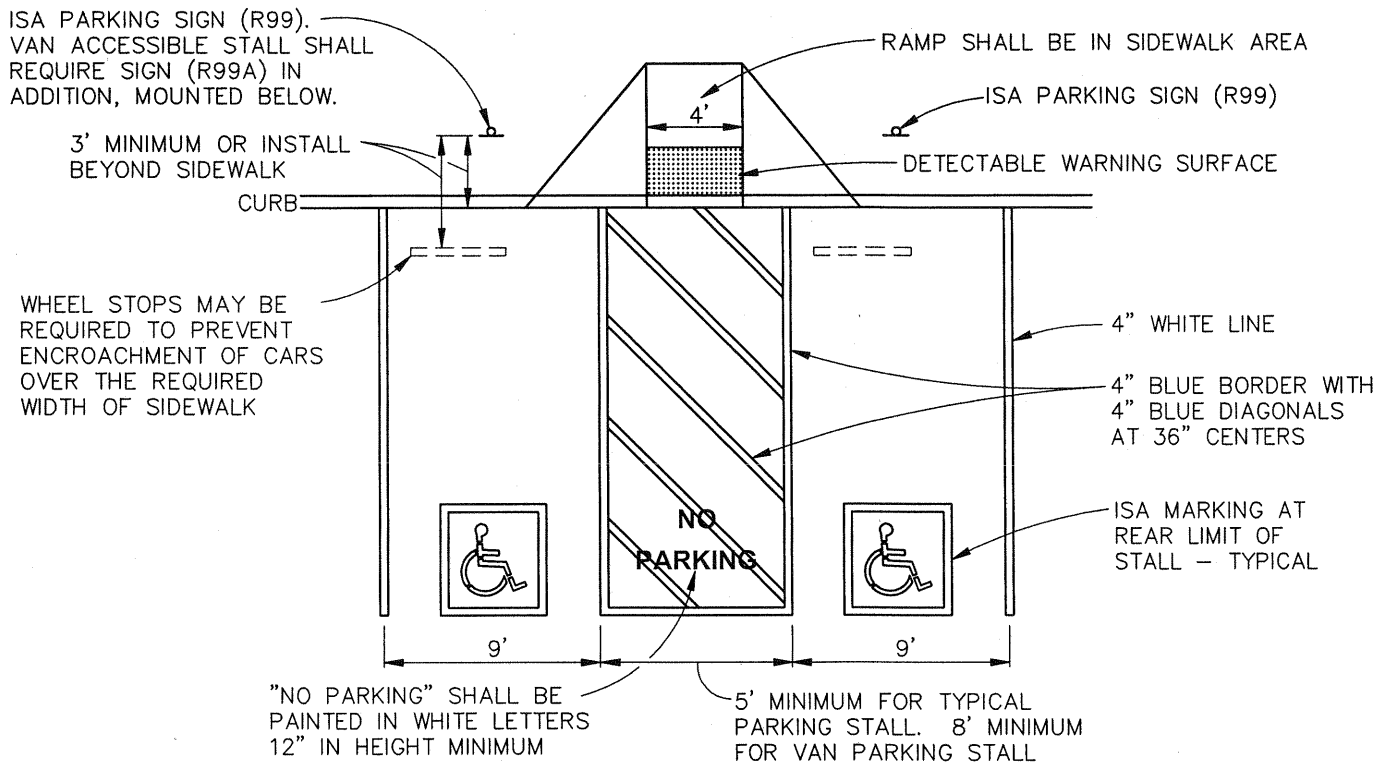
APPROVED BY: *Andrew Benelli* 3/3/08  
 PUBLIC WORKS DIRECTOR R.C.E. 50022 DATE

CITY OF VISALIA  
 DESIGN & IMPROVEMENT STANDARDS

PARKING STANDARD  
 DRACHMAN SYSTEM

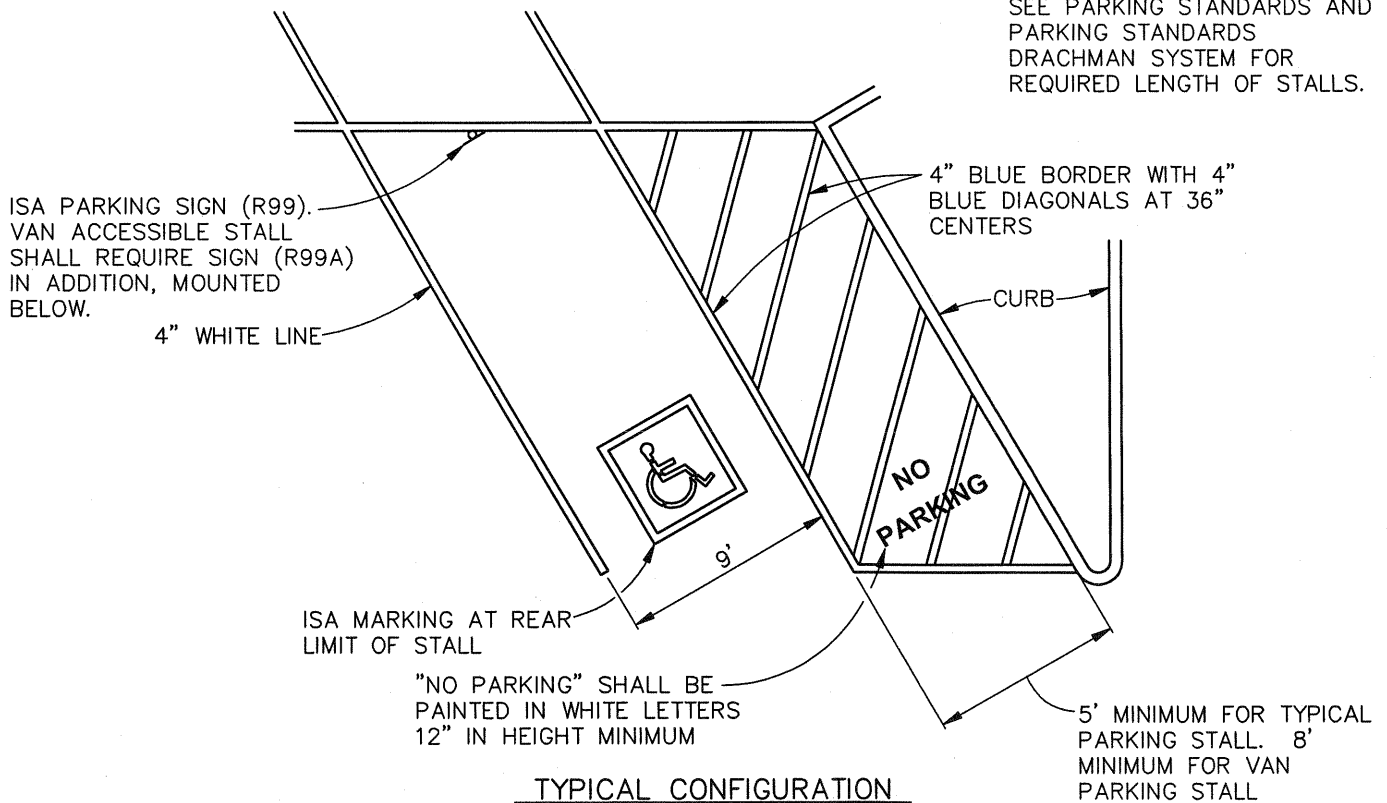
REVISIONS  
 11/29/99

PK-2



TYPICAL CONFIGURATION

NOTE:  
SEE PARKING STANDARDS AND  
PARKING STANDARDS  
DRACHMAN SYSTEM FOR  
REQUIRED LENGTH OF STALLS.



TYPICAL CONFIGURATION

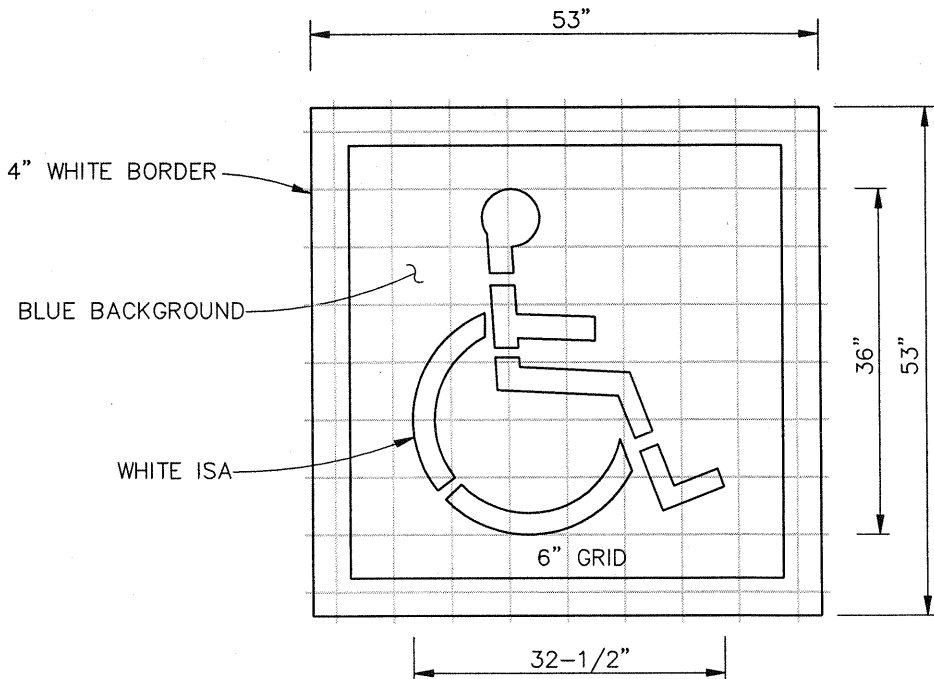
APPROVED BY: *Andrew J. Benelli* 3/3/08  
PUBLIC WORKS DIRECTOR R.C.E. 50022 DATE

CITY OF VISALIA  
DESIGN & IMPROVEMENT STANDARDS

ACCESSIBLE PARKING 1 OF 2

REVISIONS  
12/18/07

PK-3



ISA MARKING FOR ACCESSIBLE  
PARKING SPACE OR STALL

NOTES:

1. 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.
2. ACCESSIBLE PARKING STALLS SHALL BE SO LOCATED THAT USERS ARE NOT COMPELLED TO WHEEL OR WALK BEHIND PARKED CARS OTHER THAN THEIR OWN.
3. ONE IN EVERY EIGHT ACCESSIBLE PARKING STALLS, BUT NOT LESS THAN ONE, SHALL BE VAN ACCESSIBLE. VAN ACCESSIBLE PARKING STALLS SHALL HAVE AN ACCESS AISLE 8' MINIMUM IN WIDTH, PLACED ON THE SIDE OPPOSITE OF THE DRIVER'S SIDE OF THE VEHICLE.
4. RAMPS SHALL NOT ENCROACH INTO ANY ACCESSIBLE PARKING STALL OR ACCESS AISLE.
5. SURFACE SLOPES OF ACCESSIBLE OFF-STREET PARKING STALLS SHALL NOT EXCEED 2% IN ANY DIRECTION.
6. WHERE R99 OR R99A SIGNS ARE INSTALLED ON SIDEWALKS OR OTHER PATHS OF TRAVEL, THE BOTTOM OF SIGN PANEL SHALL BE A MINIMUM OF 6'-8" ABOVE THE SURFACE OF THE SIDEWALK OR PATH. WHERE R99 OR R99A SIGNS ARE NOT INSTALLED ON SIDEWALKS OR PATHS OF TRAVEL, THE BOTTOM OF THE SIGN PANEL SHALL BE AT LEAST 3' ABOVE THE SURFACE OF THE PARKING LOT.

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 1001

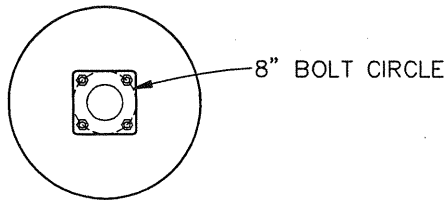
APPROVED BY: *Andrew Benelli* 3/3/08  
 PUBLIC WORKS DIRECTOR R.C.E. 50022 DATE

**CITY OF VISALIA  
 DESIGN & IMPROVEMENT STANDARDS**

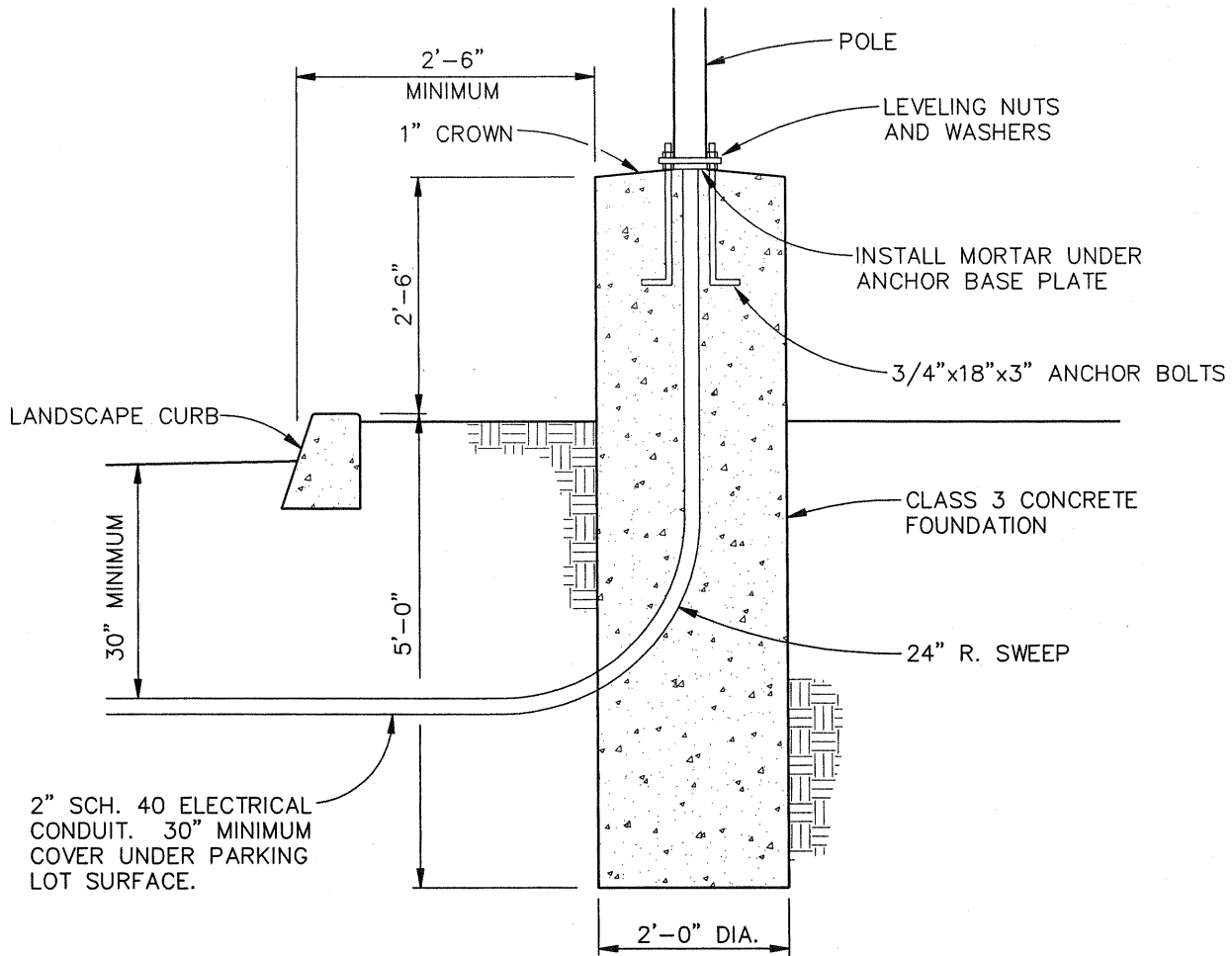
**ACCESSIBLE PARKING 2 OF 2**

REVISIONS  
 6/17/03

**PK-4**



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.

APPROVED BY: *Audrey Bonelli* 3/3/08  
 PUBLIC WORKS DIRECTOR R.C.E. 50022 DATE

CITY OF VISALIA  
 DESIGN & IMPROVEMENT STANDARDS

CITY PARKING LOT LIGHTING

REVISIONS  
 12/18/07

PK-5