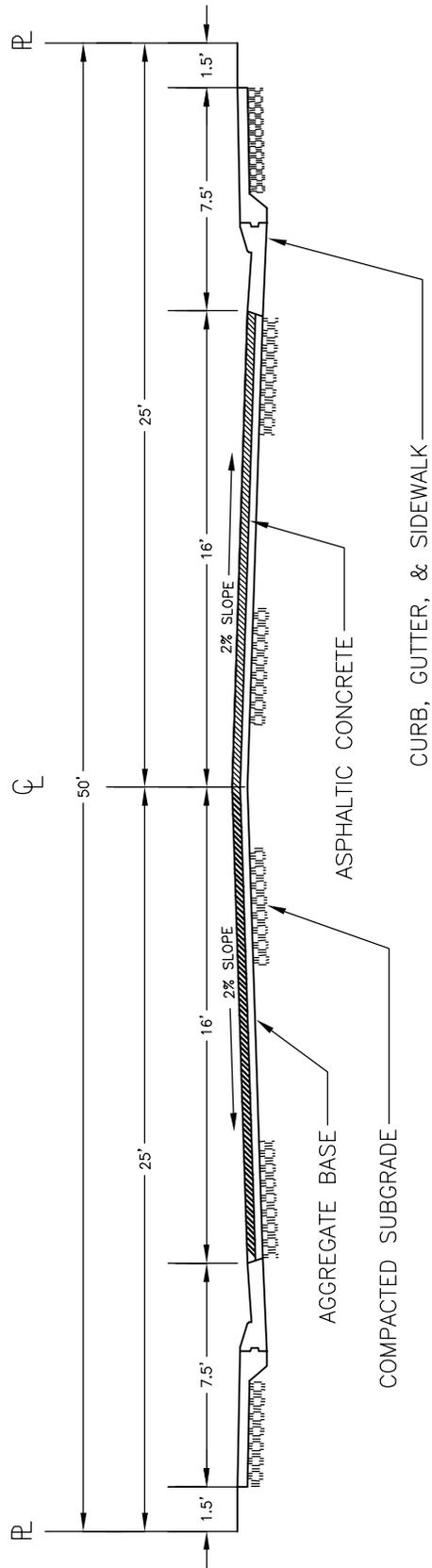


NOTE:

- 1. ELEVATION OF FRAME SHALL MATCH FINISH GRADE OF ADJACENT PAVEMENT $\pm 1/8"$.

REVISION	DATE	COUNTYWIDE IMPROVEMENT STANDARDS COUNTY OF SAN JOAQUIN	APPROVED BY
			SAN JOAQUIN COUNTY DATE DIRECTOR OF PUBLIC WORKS
		ADJUSTING STREET FACILITIES TO GRADE	IMPROVEMENT CW-R36 STANDARD NO.



NOTE:

1. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.

REVISION	DATE
DATE: NOV. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	

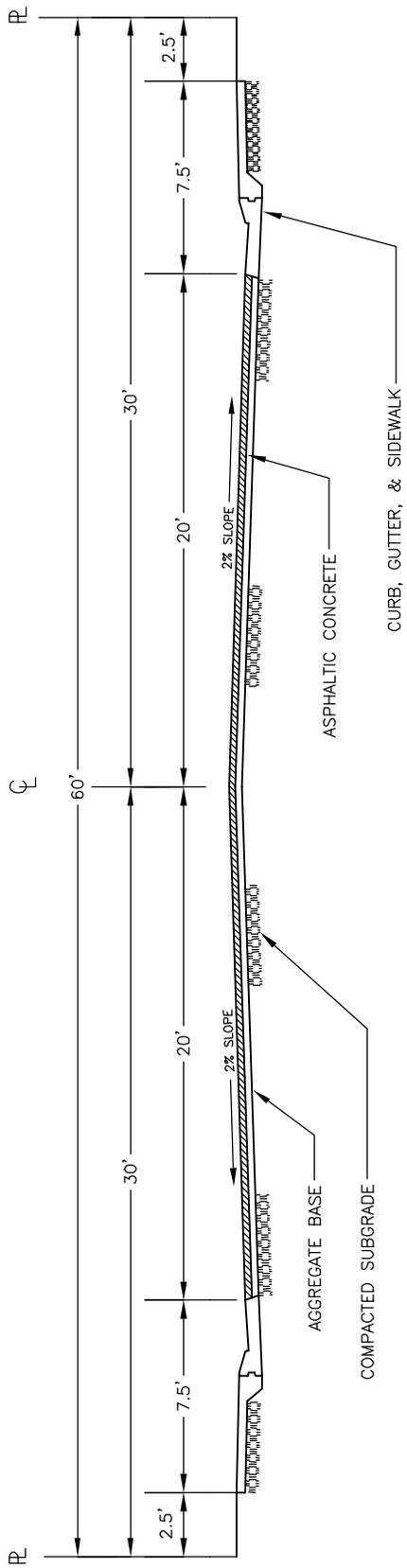
CITY OF ESCALON

50' STREET CROSS SECTION

APPROVED BY:

Doug Strilham
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R3



NOTE:
 1. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.

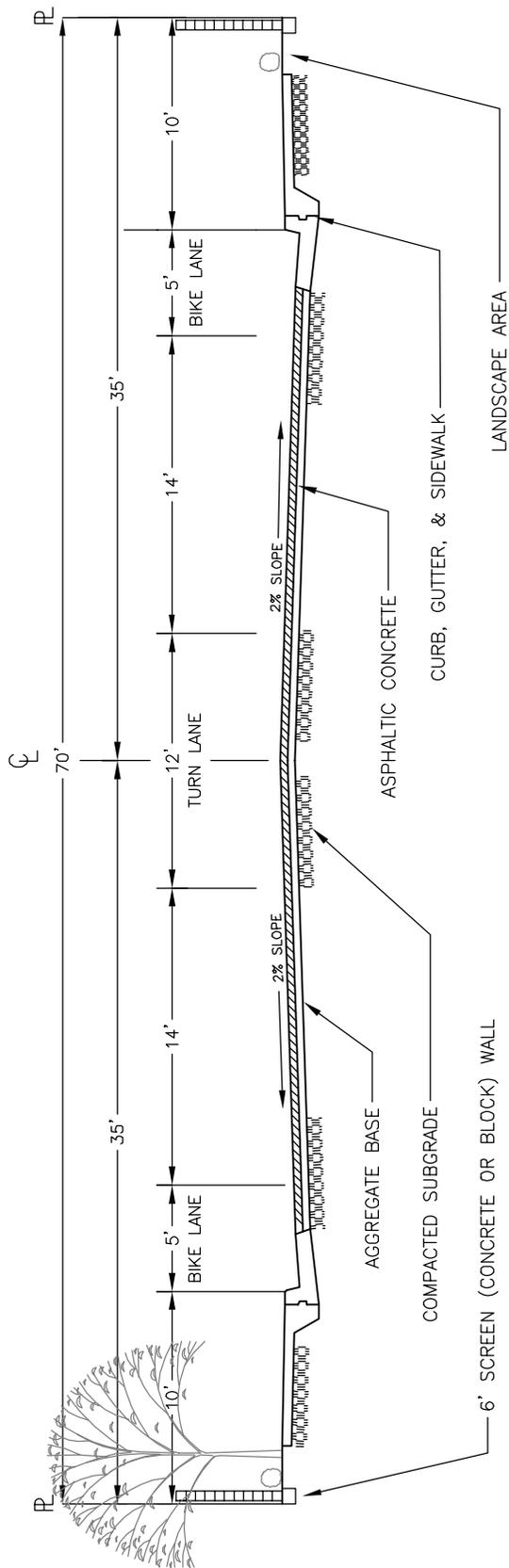
REVISION	DATE
DATE: NOV. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	

CITY OF ESCALON

60' STREET CROSS SECTION

APPROVED BY:

 CITY ENGINEER
 IMPROVEMENT STANDARD NO. R4



NOTES:

1. 70' LIMITED ACCESS COLLECTOR TO BE USED ONLY WITH APPROVAL OF CITY ENGINEER.
2. STREET SHALL BE SIGNED "NO PARKING" ON BOTH SIDES.
3. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.
4. LANDSCAPE AREA SHALL CONFORM TO CITY STANDARDS.

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

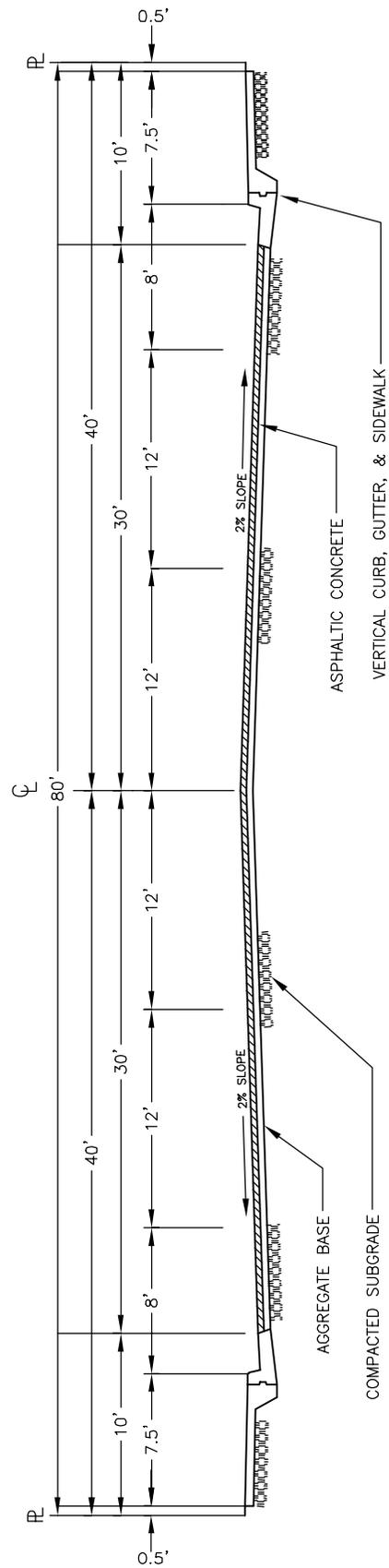
CITY OF ESCALON

70' LIMITED ACCESS COLLECTOR

APPROVED BY:

Doug Strilham
CITY ENGINEER

IMPROVEMENT STANDARD NO. R5



ASPHALTIC CONCRETE
VERTICAL CURB, GUTTER, & SIDEWALK

AGGREGATE BASE
COMPACTED SUBGRADE

NOTE:

1. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.

CITY OF ESCALON

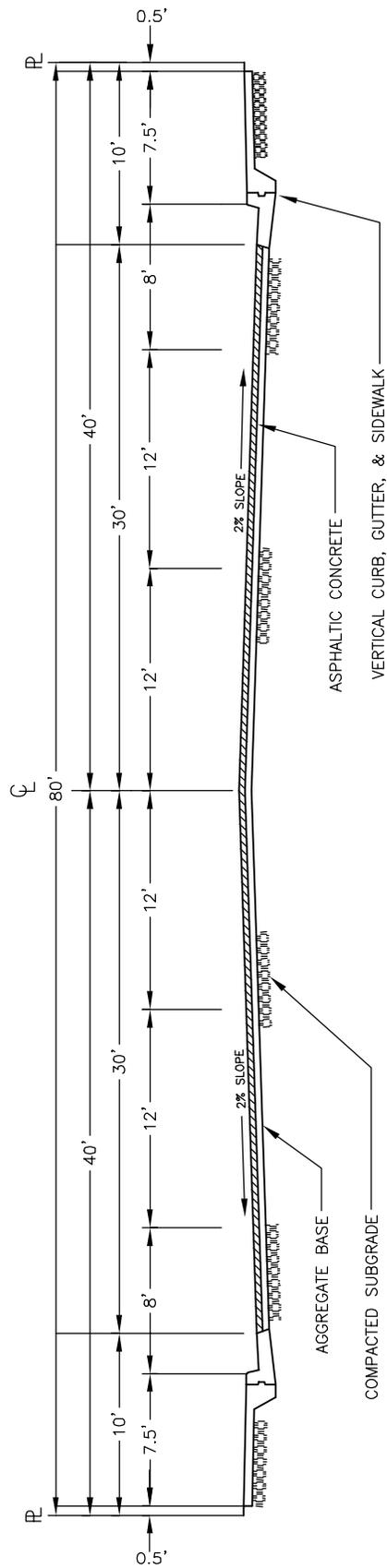
80' STREET CROSS SECTION

APPROVED BY:

Doug Trilham
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R6

REVISION	DATE
DATE: DEC. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	



ASPHALTIC CONCRETE
VERTICAL CURB, GUTTER, & SIDEWALK

AGGREGATE BASE
COMPACTED SUBGRADE

NOTE:

1. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.

CITY OF ESCALON

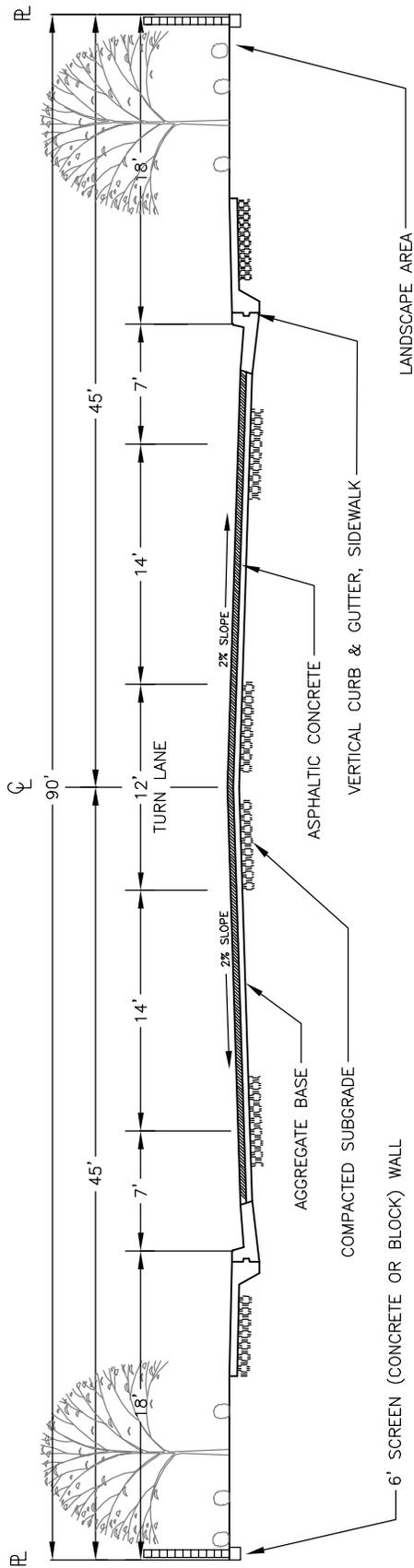
90' STREET CROSS SECTION

APPROVED BY:

Doug Trilham
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R8

REVISION	DATE
DATE: DEC. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	



NOTE:

1. CAMPBELL AVENUE CROSS SECTION TO BE USED ONLY WITH APPROVAL OF CITY ENGINEER.
2. STREET SHALL BE SIGNED "NO PARKING" ON BOTH SIDES.
3. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.
4. LANDSCAPED AREA SHALL CONFORM TO CITY STANDARDS.

REVISION	DATE
DATE: DEC. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	

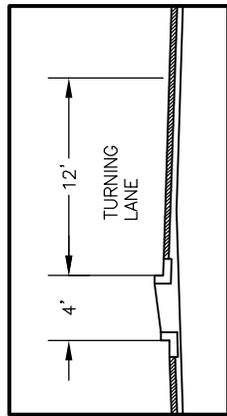
CITY OF ESCALON

CAMPBELL AVENUE CROSS SECTION

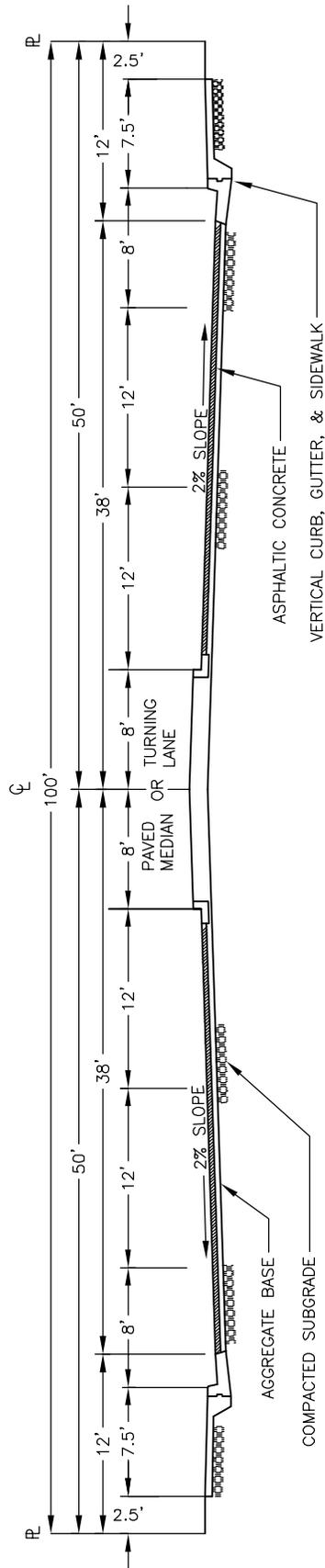
APPROVED BY:

Doug Trilham
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R8C_a



TURNING LANE



ASPHALTIC CONCRETE
VERTICAL CURB, GUTTER, & SIDEWALK

AGGREGATE BASE
COMPACTED SUBGRADE

NOTE:

1. DESIGN OF STRUCTURAL SECTION SHALL CONFORM TO CITY STANDARDS.

CITY OF ESCALON

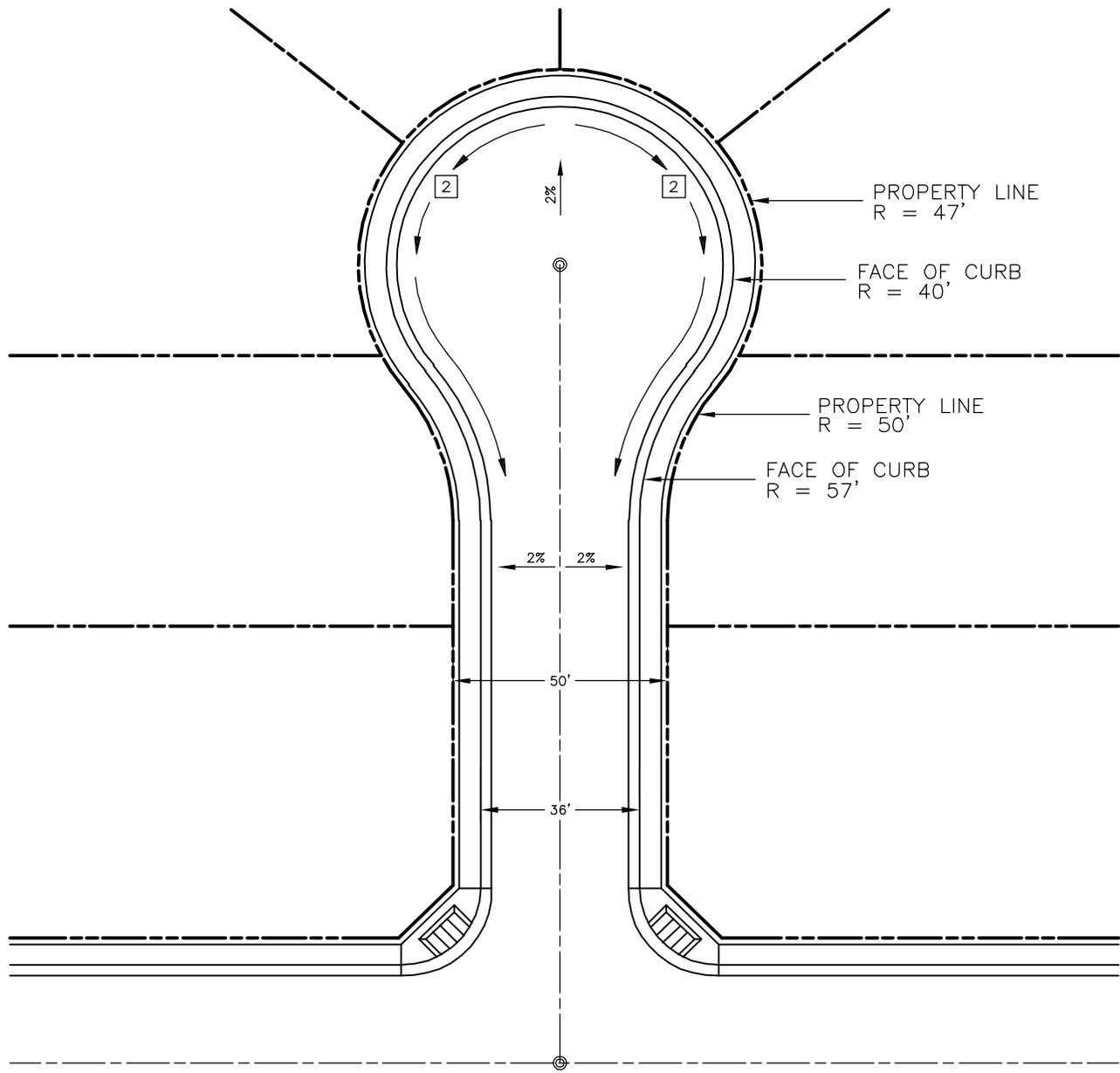
100' STREET CROSS SECTION

APPROVED BY:

Doug Trilham
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R9

REVISION	DATE
DATE: DEC. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	



NOTES:

1. MAXIMUM LENGTH OF CUL-DE-SAC SHALL NOT EXCEED 500' FROM CENTER OF CUL-DE-SAC TO CENTER OF INTERSECTING STREET.
- 2 MINIMUM CURB AND GUTTER SLOPE IN CUL-DE-SACS SHALL BE 0.0035.

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

CITY OF ESCALON

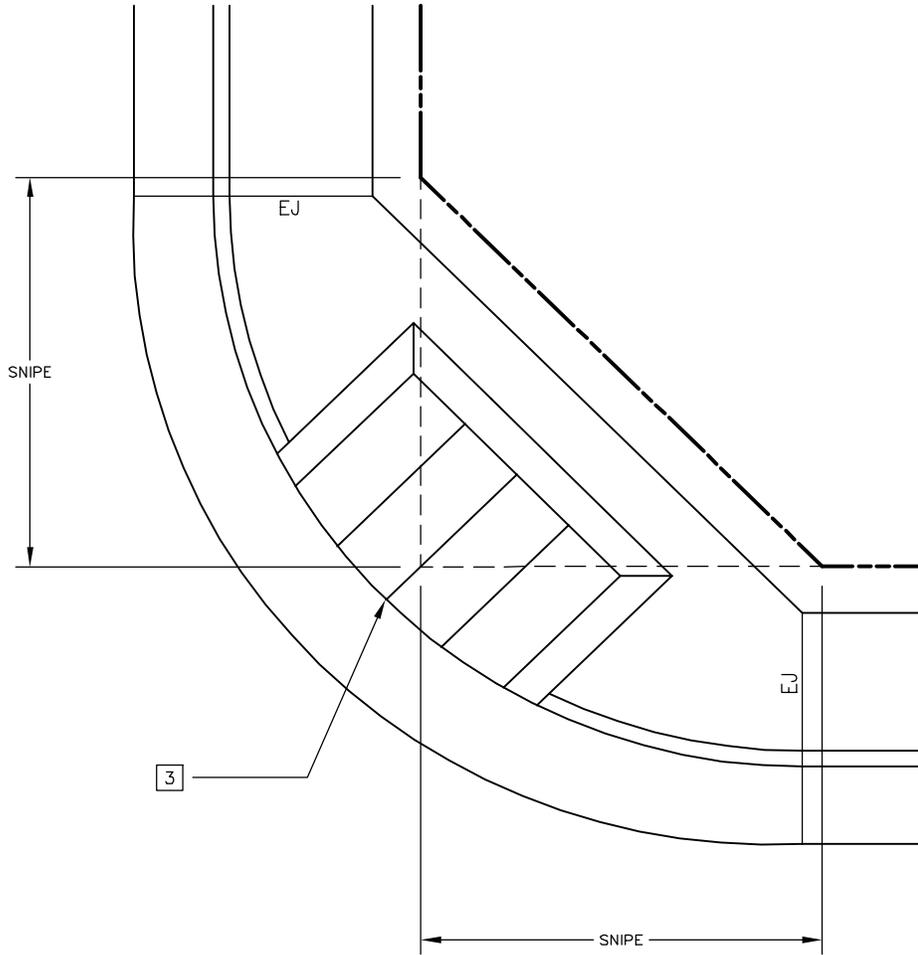
CUL-DE-SAC

APPROVED BY:

Doug Strilham

CITY ENGINEER

IMPROVEMENT STANDARD NO. R12



STREET R/W WIDTH	50'	60'	80'	90'	100'
RADIUS (@ F.O.C.)	20'	20'	25'	30'	30'
SNIPE	15'	15'	20'	23'	23'
WALK	5'	5'	7.5'	7.5'	7.5'

NOTES:

1. USE GREATER OF TWO STREET WIDTHS FOR GEOMETRICS OF ROUND CORNER.
 2. FOR R/W WIDTHS NOT SHOWN: AS DETERMINED BY CITY ENGINEER.
- 3** CURB RAMPS SHALL CONFORM TO CITY STANDARDS.

REVISION	DATE
DATE: DEC. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	

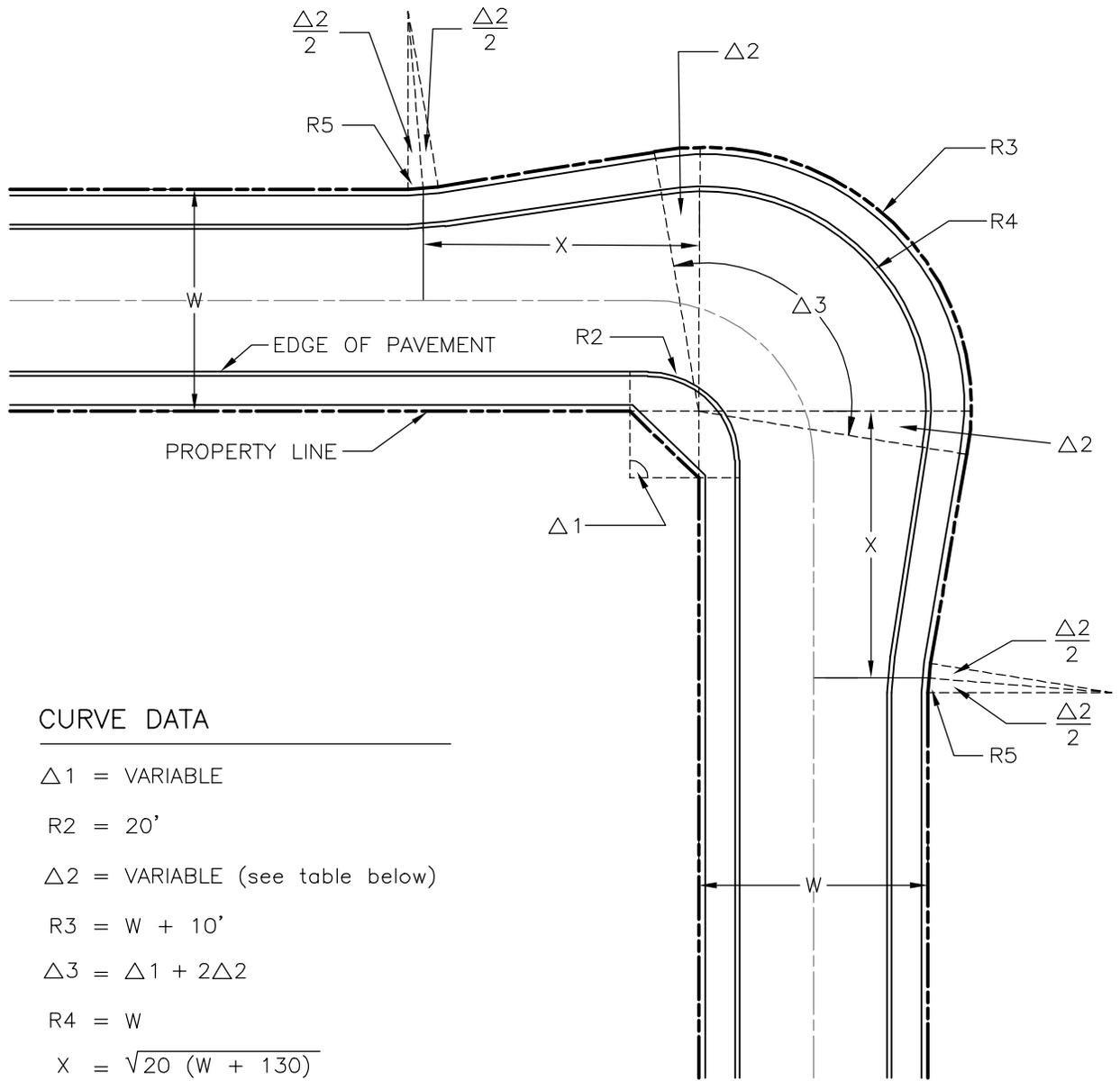
CITY OF ESCALON

ROUND CORNER

APPROVED BY:

Doug Strickland
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R13



CURVE DATA

- Δ1 = VARIABLE
- R2 = 20'
- Δ2 = VARIABLE (see table below)
- R3 = W + 10'
- Δ3 = Δ1 + 2Δ2
- R4 = W
- $X = \sqrt{20(W + 130)}$
- $\Delta 2 = \tan^{-1} \frac{W + 10}{50} - \tan^{-1} \frac{W}{X}$
- R5 = 90'

W	X	Δ2	R4
50'	60.0000'	10°23'20"	50'
60'	61.6441'	10°14'11"	60'

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

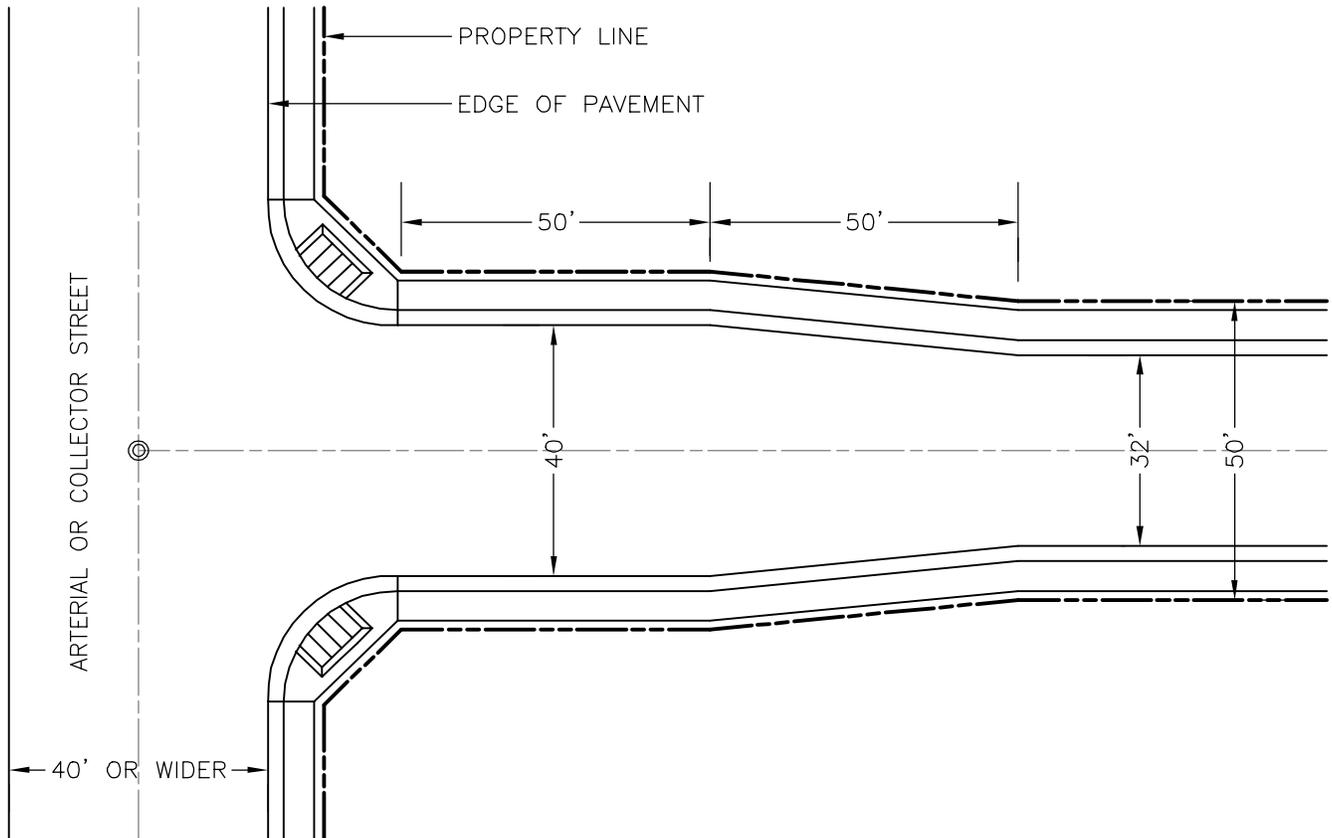
CITY OF ESCALON

 ALIGNMENT FOR 90°
 STREET INTERSECTIONS

APPROVED BY:

 CITY ENGINEER

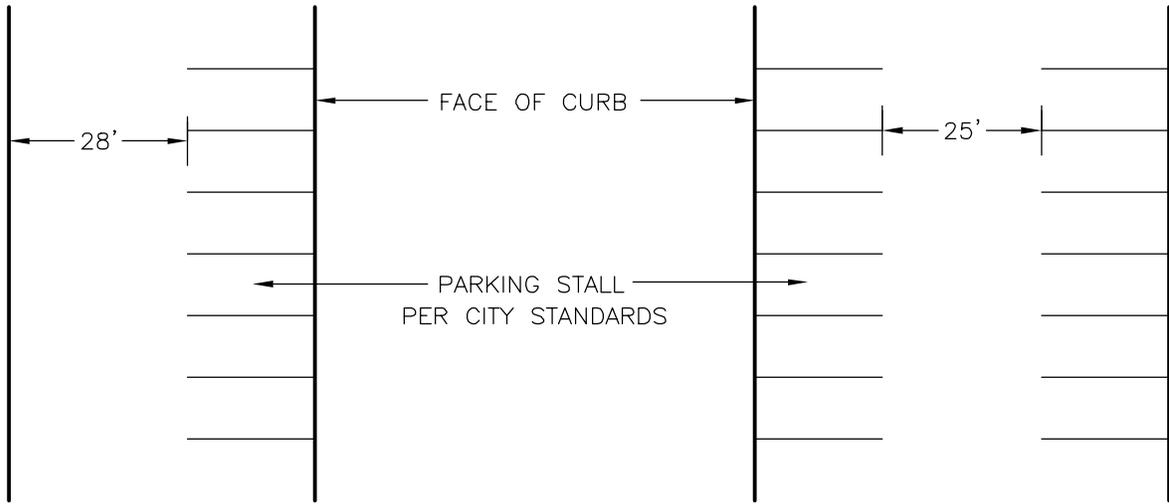
 IMPROVEMENT
 STANDARD NO. R14



NOTES:

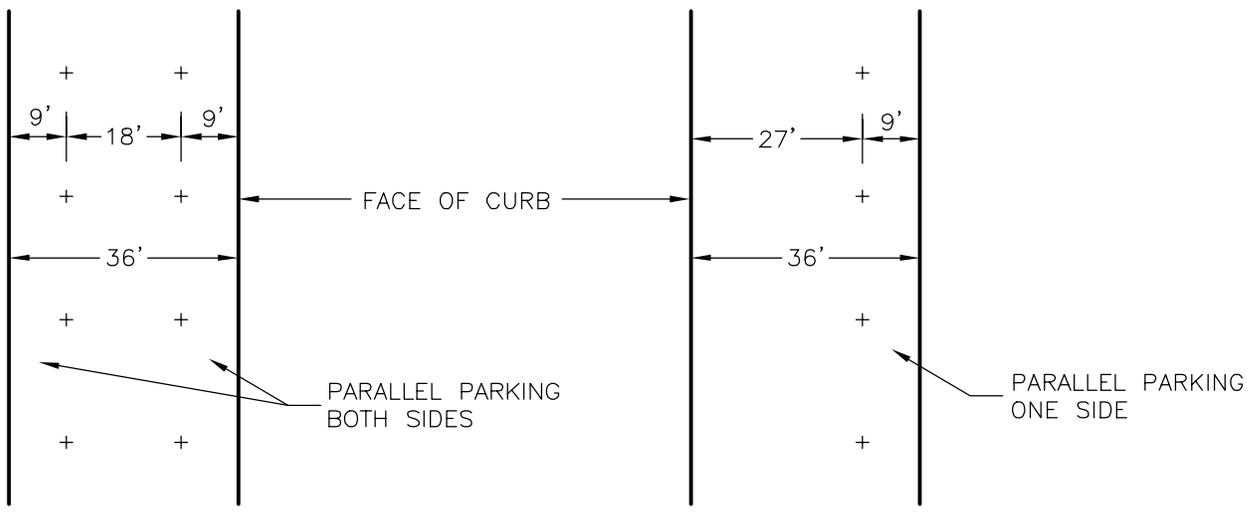
1. FLARE SHALL BE USED WHERE A STREET WITH A PAVED WIDTH OF 23' OR LESS INTERSECTS WITH A STREET WITH A PAVED WIDTH OF 40' OR GREATER.
2. NOT APPLICABLE TO CUL-DE-SAC STREETS.

REVISION	DATE	<h1>CITY OF ESCALON</h1>	APPROVED BY:
			 CITY ENGINEER
DATE:	DEC. 2002	<h2>FLARE REQUIREMENTS RESIDENTIAL STREETS</h2>	IMPROVEMENT STANDARD NO. R15
DRAWN BY:	DBR		
CHECKED BY:	AJA		
SCALE:	NONE		



CASE A

CASE B



CASE C

CASE D

NOTES:

1. THE ABOVE MINIMUM WIDTHS SHOWN ARE REQUIRED TO ACCOMMODATE FIRE FIGHTING VEHICLES FOR OFF-STREET PARKING AREAS IN CONNECTION WITH BUILDING DEVELOPMENTS.
2. THE ABOVE WIDTHS MAY BE REDUCED WITH THE APPROVAL OF THE CITY ENGINEER AND THE FIRE DEPARTMENT. ANY SUCH REDUCTIONS WILL REQUIRE THE ESTABLISHMENT OF "NO PARKING" ZONES TOGETHER WITH THE INSTALLATION OF "NO PARKING" SIGNS BY THE DEVELOPER.

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

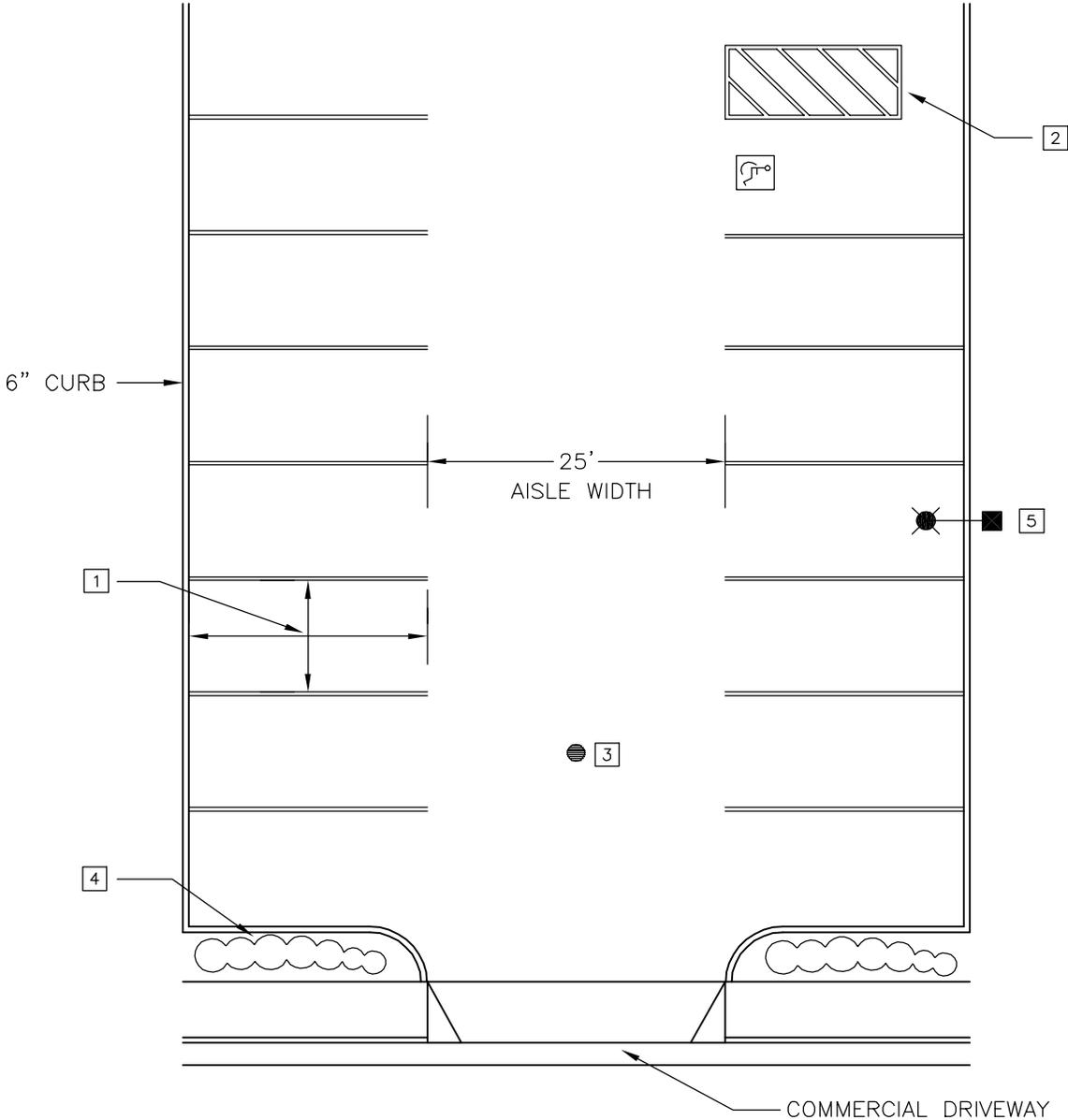
CITY OF ESCALON

FIRE LANE REQUIREMENTS

APPROVED BY:

Doug Trilham
CITY ENGINEER

IMPROVEMENT STANDARD NO. **R16**



NOTES:

- [1] THE PARKING STALL WIDTHS SHALL BE 9' x 19' MINIMUM
- [2] HANDICAPPED STALLS SHALL COMFORM TO CITY DETAILS.
- [3] PARKING LOT SHALL HAVE STORM DRAINAGE SYSTEM WITH NO FLOW OVER SIDEWALK.
- [4] A LANDSCAPE SCREEN SHALL BE INSTALLED WHERE LOTS FRONT STREETS.
- [5] SECURITY LIGHTING SHALL BE PROVIDED IN LOTS.

REVISION	DATE
DATE: DEC. 2002	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	

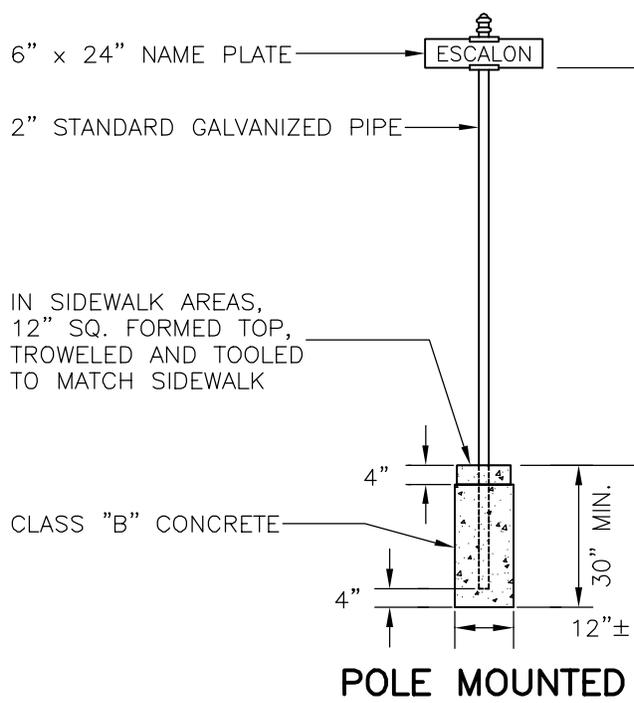
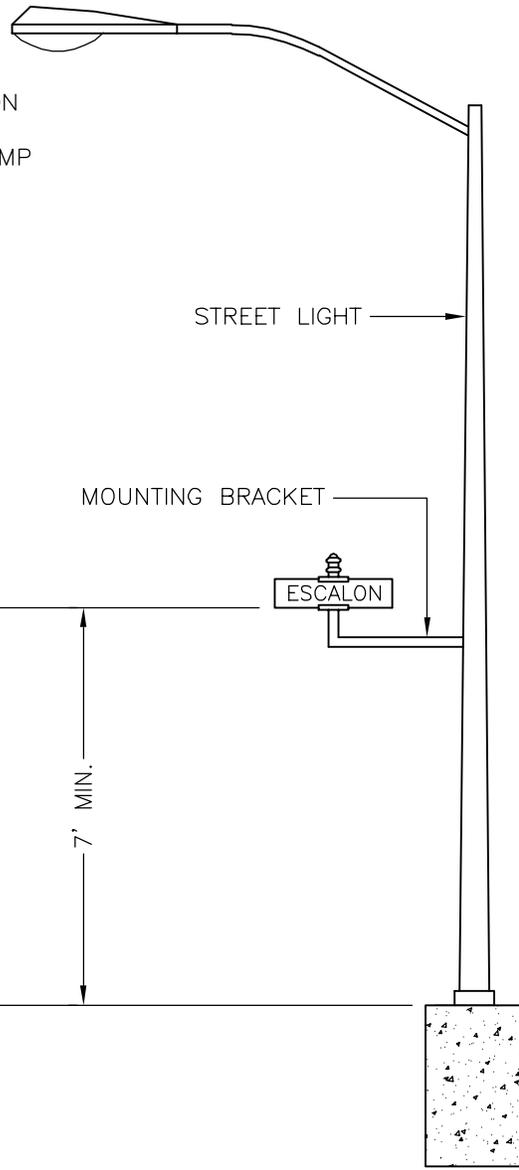
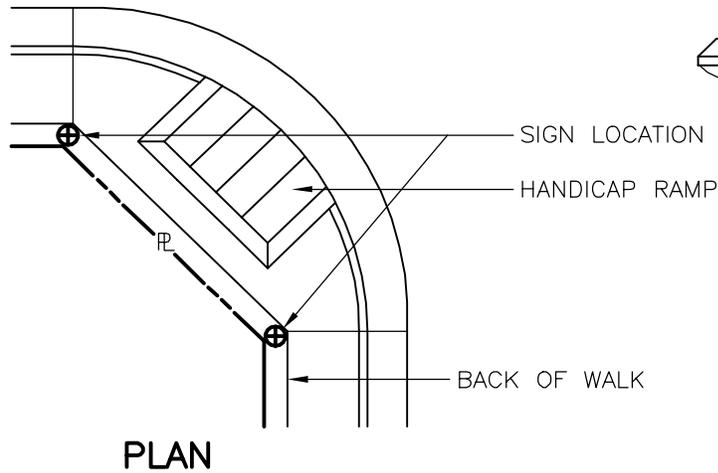
CITY OF ESCALON

PARKING LOT
DETAILS

APPROVED BY:

Doug Strilham
CITY ENGINEER

IMPROVEMENT
STANDARD NO. R17



ELECTROLIER MOUNTED

NOTES:

1. STREET NAME SIGN TO BE HAWKINS – HAWKINS CO. V14–HS–2CP4 ASSEMBLY.
2. INSTALL AT N.E. CORNER OF RESIDENTIAL STREET INTERSECTIONS.
3. INSTALL AT N.E. AND S.W. CORNER OF MAJOR ARTERIAL STREETS.

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

CITY OF ESCALON

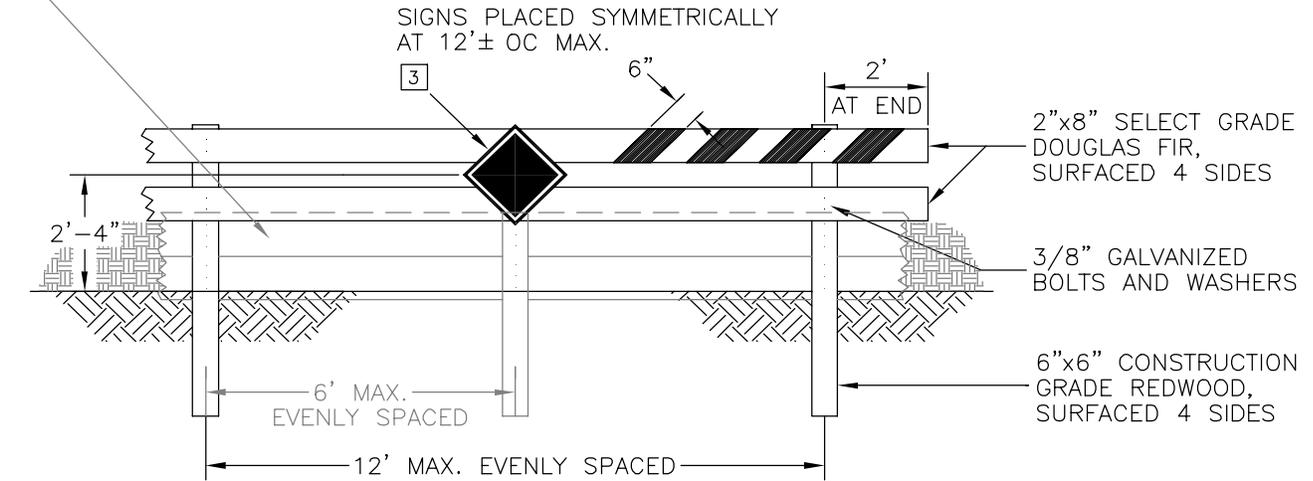
STREET NAME
SIGN DETAILS

APPROVED BY:

Doug Trilham
CITY ENGINEER

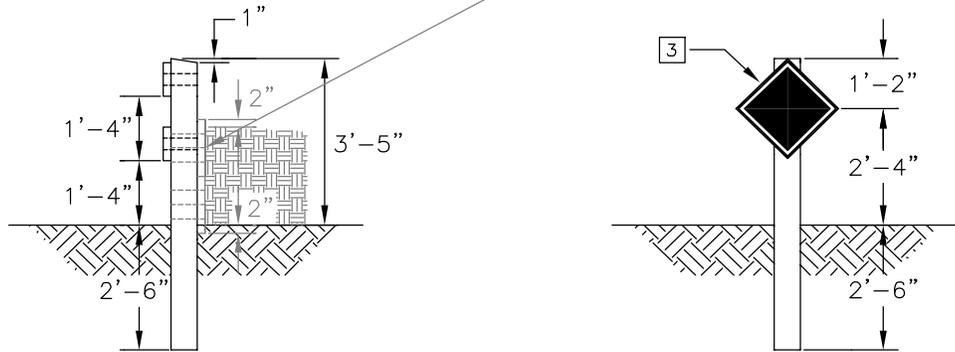
IMPROVEMENT
STANDARD NO. R19

USE 2"x12" SELECT GRADE REDWOOD, TREATED HEMLOCK, OR TREATED DOUGLAS FIR WHERE EARTH RETAINMENT IS NEEDED



TYPE "A"

USE 2"x12" SELECT GRADE REDWOOD, TREATED HEMLOCK, OR TREATED DOUGLAS FIR WHERE EARTH RETAINMENT IS NEEDED



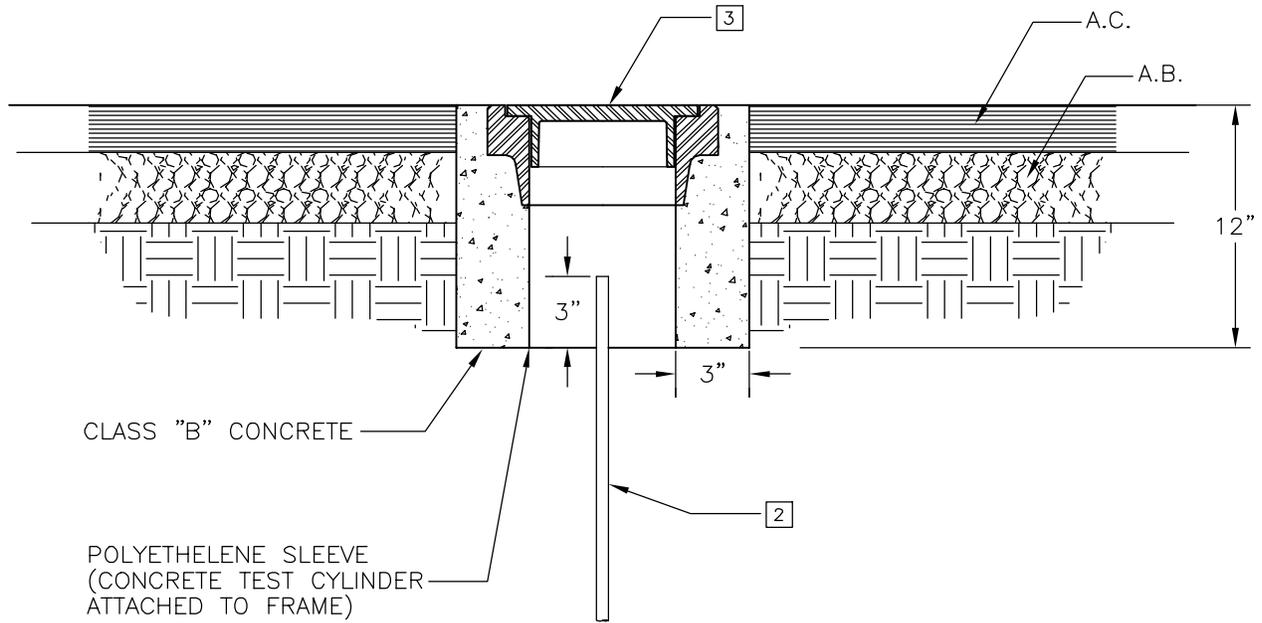
ENDVIEW, TYPE "A"

TYPE "B"
REFLECTOR SIGN

NOTES:

1. BARRICADES TO BE AS WIDE AS STREET (BW TO BW)
 2. BARRICADES TO BE PAINTED IN ALTERNATING STRIPES OF FLAT WHITE AND GLOSS ORANGE OVER A COMPATIBLE PRIMER.
- 3 REFLECTOR SIGN SHALL BE CALIFORNIA HIGHWAY CODE NR, 24".

REVISION	DATE	CITY OF ESCALON	APPROVED BY:
DATE: DEC. 2002			<i>Doug Strilham</i> CITY ENGINEER
DRAWN BY: DBR		BARRICADES	IMPROVEMENT STANDARD NO. R20
CHECKED BY: AJA			
SCALE: NONE			



NOTES:

1. SET MONUMENT, FRAME, AND COVER AFTER PAVEMENT IS IN PLACE.
- 2 3/4"φ x 30" SURVEY MONUMENT WITH ENGINEER'S OR LAND SURVEYOR'S IDENTIFICATION TAG.
- 3 MONUMENT BOX SHALL CONFORM TO COUNTYWIDE STANDARD CW-M1

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

CITY OF ESCALON

MONUMENT BOX

APPROVED BY:

Doug Strilham
CITY ENGINEER

IMPROVEMENT STANDARD NO. R21

48" MIN. WALK WIDTH
(60" PREFERRED TO
ALLOW WHEELCHAIRS
TO PASS EACH OTHER)

WALK OR PLANTING

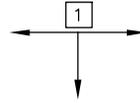
HANDICAPPED PARKING SIGN (TYP.)

WALK FLUSH WITH PAVEMENT

WHEEL STOP (TYP.)

4" STRIPE (TYP.)

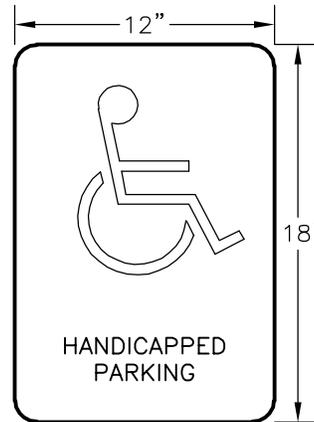
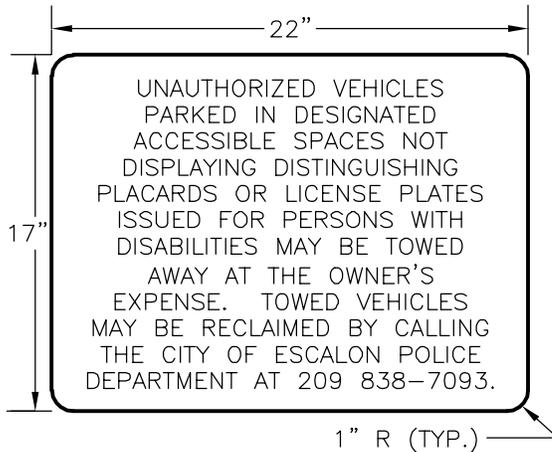
TYPICAL
SYMBOL



9' x 19' PARKING STALL

9'-0" MIN.

5'-0" MIN. AT AUTO PARKING STALL
8'-0" AT VAN PARKING STALL



NOTES:

1. 2% MAXIMUM SLOPE; 0.5% MAXIMUM CROSS SLOPE
2. SIGNS SHALL HAVE 1" HIGH WHITE LETTERS ON A BLUE REFLECTORIZED BACKGROUND
3. SIGN TO BE POSTED AT ENTRANCE TO PARKING LOT
4. ONE SIGN TO BE PLACED AT EACH PARKING STALL

REVISION	DATE
DATE:	DEC. 2002
DRAWN BY:	DBR
CHECKED BY:	AJA
SCALE:	NONE

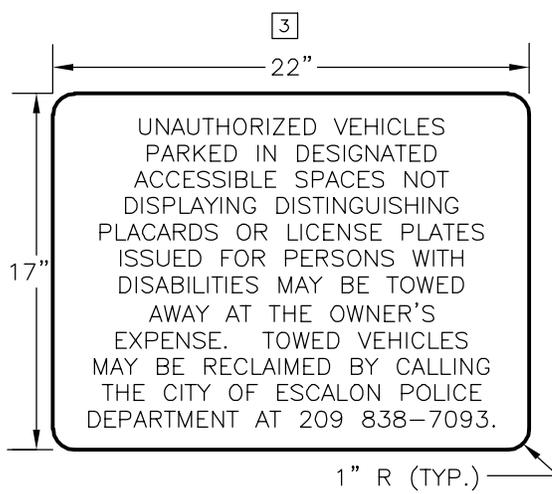
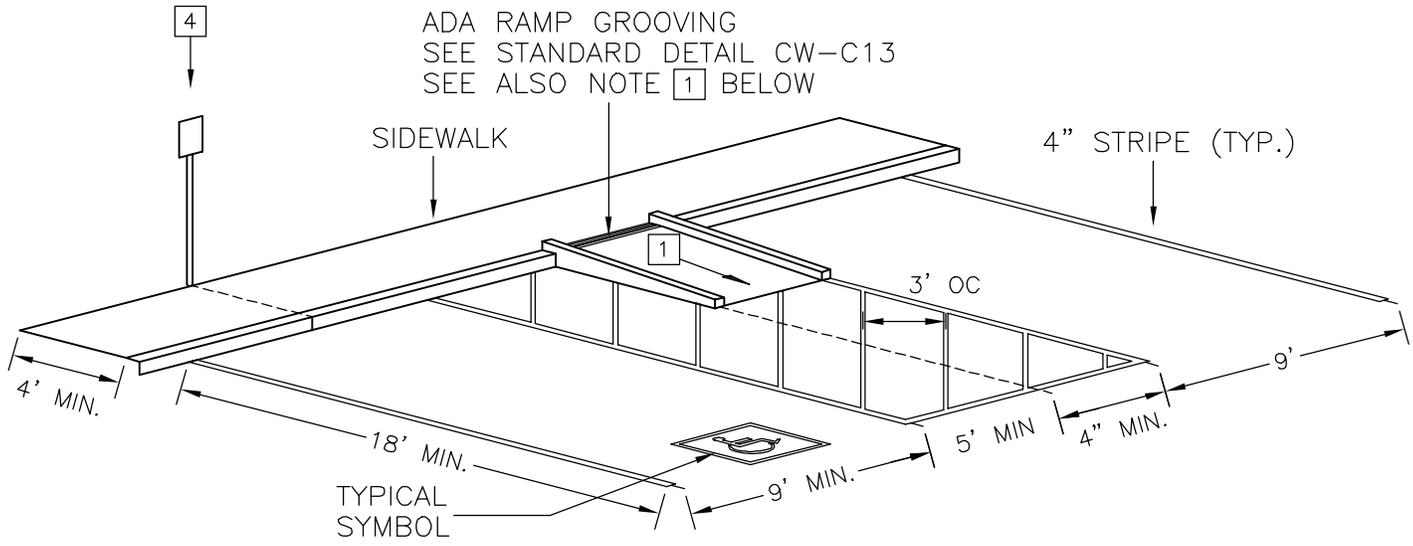
CITY OF ESCALON

HANDICAPPED PARKING WITHOUT RAMPS

APPROVED BY:

Doug Strilham
CITY ENGINEER

IMPROVEMENT STANDARD NO. R22a



NOTES:

- 1 8.33% MAXIMUM SLOPE
IF SLOPE OF RAMP IS BETWEEN 5% AND 6.67%, THE RUNNING PORTION OF THE RAMP MUST HAVE TRUNCATED DOME DETECTABLE WARNING SURFACE
- 2. SIGNS SHALL HAVE 1" HIGH WHITE LETTERS ON A BLUE REFLECTORIZED BACKGROUND
- 3 SIGN TO BE POSTED AT ENTRANCE TO PARKING LOT
- 4 ONE SIGN TO BE PLACED AT EACH PARKING STALL

REVISION	DATE
DATE: APR. 2003	
DRAWN BY: DBR	
CHECKED BY: AJA	
SCALE: NONE	

CITY OF ESCALON

HANDICAPPED PARKING
WITH RAMPS

APPROVED BY:

Doug Strilham
CITY ENGINEER

IMPROVEMENT STANDARD NO. R22b