

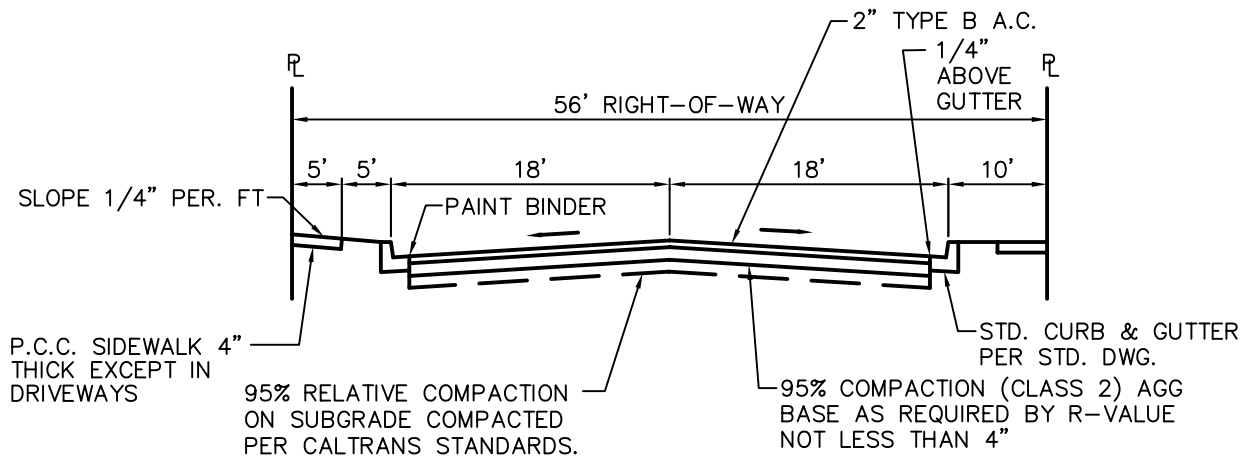
APPENDIX E:

CITY OF SANGER

Applicable Standard Drawings



March 2016



56' FOOT STREET

NO SCALE

NOTES

GENERAL:

1. MIN. MEDIAN WIDTH=12'(IF ONLY SHRUBS PLANTED) R.O.W. \geq 68'
2. IF BIKE LANE REQ., R.O.W. \geq 68'
3. IF BIKE PATH REQ., R.O.W. \geq 62' (8' SIDEWALK)
4. MONOLITHIC SIDEWALK PERMITTED WITH CITY ENG. APPROVAL

GEOMETRIC DESIGN:

5. DESIGN SPEED=25M.P.H.
6. MIN.CENTERLINE CURVE RADIUS=154'
7. MIN. STOPPING DISTANCE=200'
8. MIN. GRADE=0.15% MAX.GRADE=5%
9. MIN. CROSS SLOPE=2%

STRUCTURAL DESIGN:

10. ASPHALT CONCRETE, AGGREGATE BASE, AND EARTH WORK SHALL CONFORM TO CURRENT CALTRANS STANDARDS.
11. TRAFFIC INDEX (T.I.)=5.0
12. THE STRUCTURAL SECTION AS SHOWN ABOVE REFERS TO AN R-VALUE OF 55. FOR R-VALUES LESS THAN 55, THE STRUCTURAL SECTION SHALL BE AS FOLLOWS:

T.I.=5.0

R-VALUE	AGGREGATE BASEROCK
55+	4.0"
50-54	4.5"
45-49	5.0"
40-44	6.0"
35-39	7.0"
30-34	7.5"
25-29	8.5"
20-24	9.5"
15-19	10.5"
10-14	11.0"
5-9	12.0"

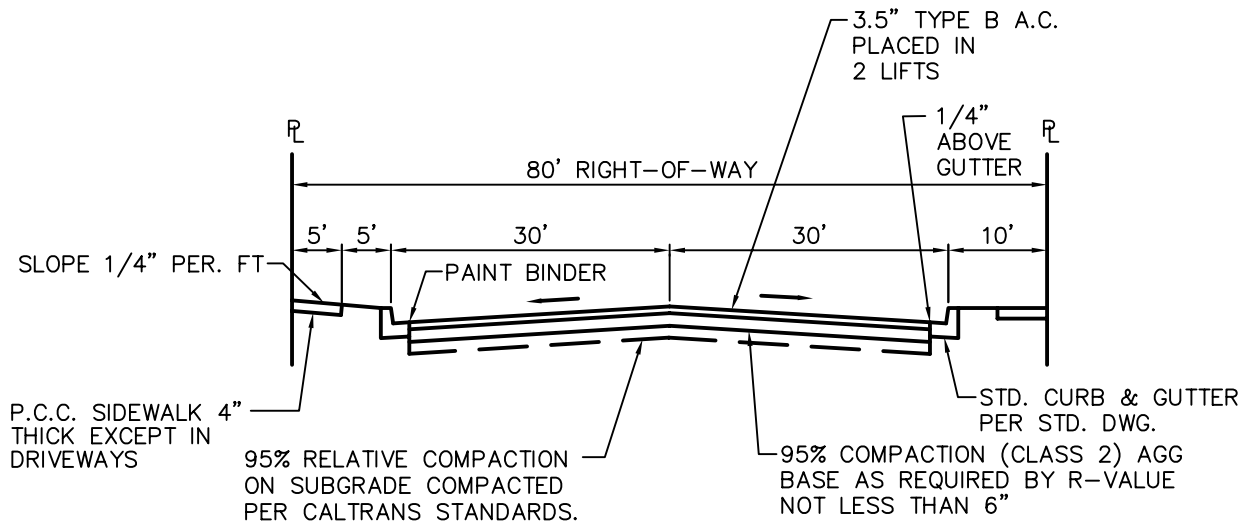
LOCAL STREET
MINIMUM STREET CROSS SECTION

REVISIONS

CITY OF SANGER
01-17-2008

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STD.
NO.
ST-1



80' FOOT STREET

NO SCALE

NOTES

GENERAL:

1. MIN. MEDIAN WIDTH=16'
2. IF BIKE LANE REQ., R.O.W.=92'
PAVEMENT WIDTH=72'
3. IF BIKE PATH REQ., R.O.W.=100'
(8' MEANDERING SIDEWALK WITHIN 1 20' PLANTER)
4. MONOLITHIC SIDEWALK PERMITTED WITH CITY
ENG. APPROVAL

GEOMETRIC DESIGN:

5. DESIGN SPEED=40 M.P.H.
6. MIN.CENTERLINE CURVE RADIUS=533'
7. MIN. STOPPING DISTANCE=305'
8. MIN. GRADE=0.15% MAX.GRADE=5%
9. MIN. CROSS SLOPE=2%

STRUCTURAL DESIGN:

10. ASPHALT CONCRETE, AGGREGATE BASE,
AND EARTH WORK SHALL CONFORM TO
CURRENT CALTRANS STANDARDS.
11. TRAFFIC INDEX (T.I.)=7.5
12. THE STRUCTURAL SECTION AS SHOWN
ABOVE REFERS TO AN R-VALUE OF 55.
FOR R-VALUES LESS THAN 55, THE
STRUCTURAL SECTION SHALL BE AS
FOLLOWS:

T.I.=7.5

R-VALUE	AGGREGATE BASEROCK
55+	6"
50-54	7"
45-49	8"
40-44	9.5"
35-39	10.5"
30-34	12"
25-29	13.5"
20-24	14.5"
15-19	16"
10-14	17.5"
5-9	18.5"

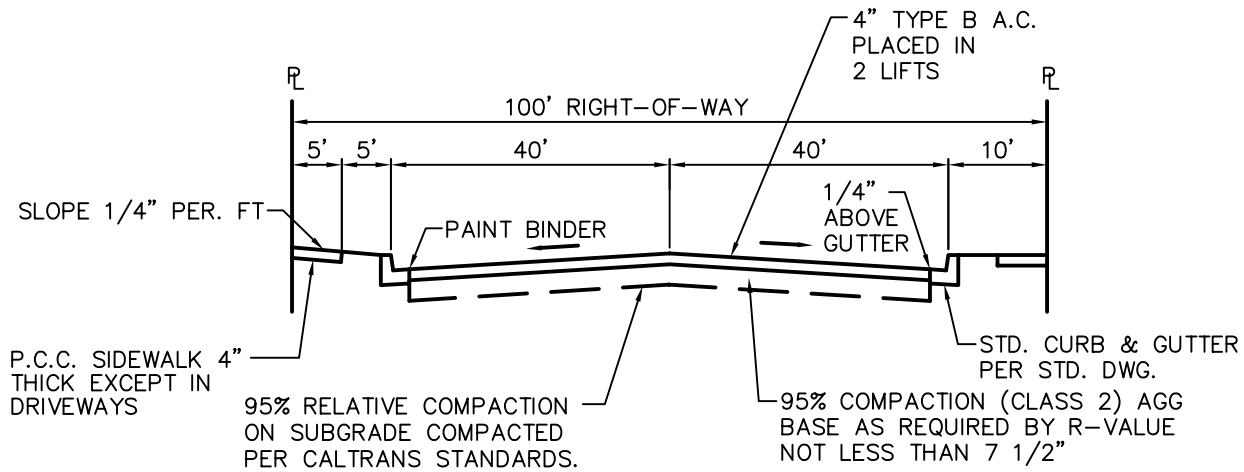
**COLLECTOR STREET
MINIMUM STREET CROSS SECTION**

REVISIONS

CITY OF SANGER
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**STD.
NO.
ST-2**

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CONTINUOUS TURNING LANE
& 4 TRAFFIC LANES

100' FOOT STREET

NO SCALE

NOTES

GENERAL:

1. MIN. MEDIAN WIDTH=16'
2. IF BIKE LANE REQ., R.O.W.=120'
(8' MEANDERING SIDEWALK WITHIN 1 20' PLANTER)
3. MONOLITHIC SIDEWALK PERMITTED WITH CITY
ENG. APPROVAL

GEOMETRIC DESIGN:

4. DESIGN SPEED=40 M.P.H.
5. MIN.CENTERLINE CURVE RADIUS=533'
6. MIN. STOPPING DISTANCE=305'
7. MIN. GRADE=0.15% MAX.GRADE=5%
8. MIN. CROSS SLOPE=2%

STRUCTURAL DESIGN:

9. ASPHALT CONCRETE, AGGREGATE BASE,
AND EARTH WORK SHALL CONFORM TO
CURRENT CALTRANS STANDARDS.
11. TRAFFIC INDEX (T.I.)=9.0
12. THE STRUCTURAL SECTION AS SHOWN
ABOVE REFERS TO AN R-VALUE OF 55.
FOR R-VALUES LESS THAN 55, THE
STRUCTURAL SECTION SHALL BE AS
FOLLOWS:

T.I.=9.0

R-VALUE	AGGREGATE BASEROCK
55+	7.5"
50-54	9"
45-49	10.5"
40-44	12"
35-39	13.5"
30-34	15"
25-29	17"
20-24	18.5"
15-19	20"
10-14	21.5"
5-9	23"

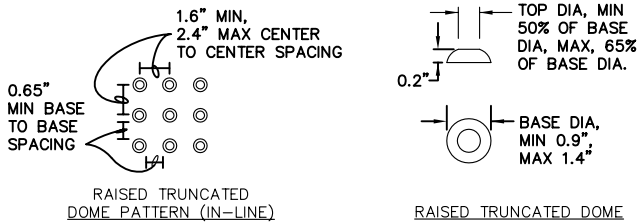
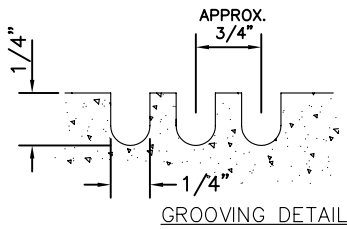
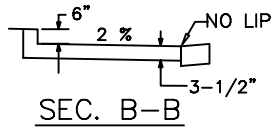
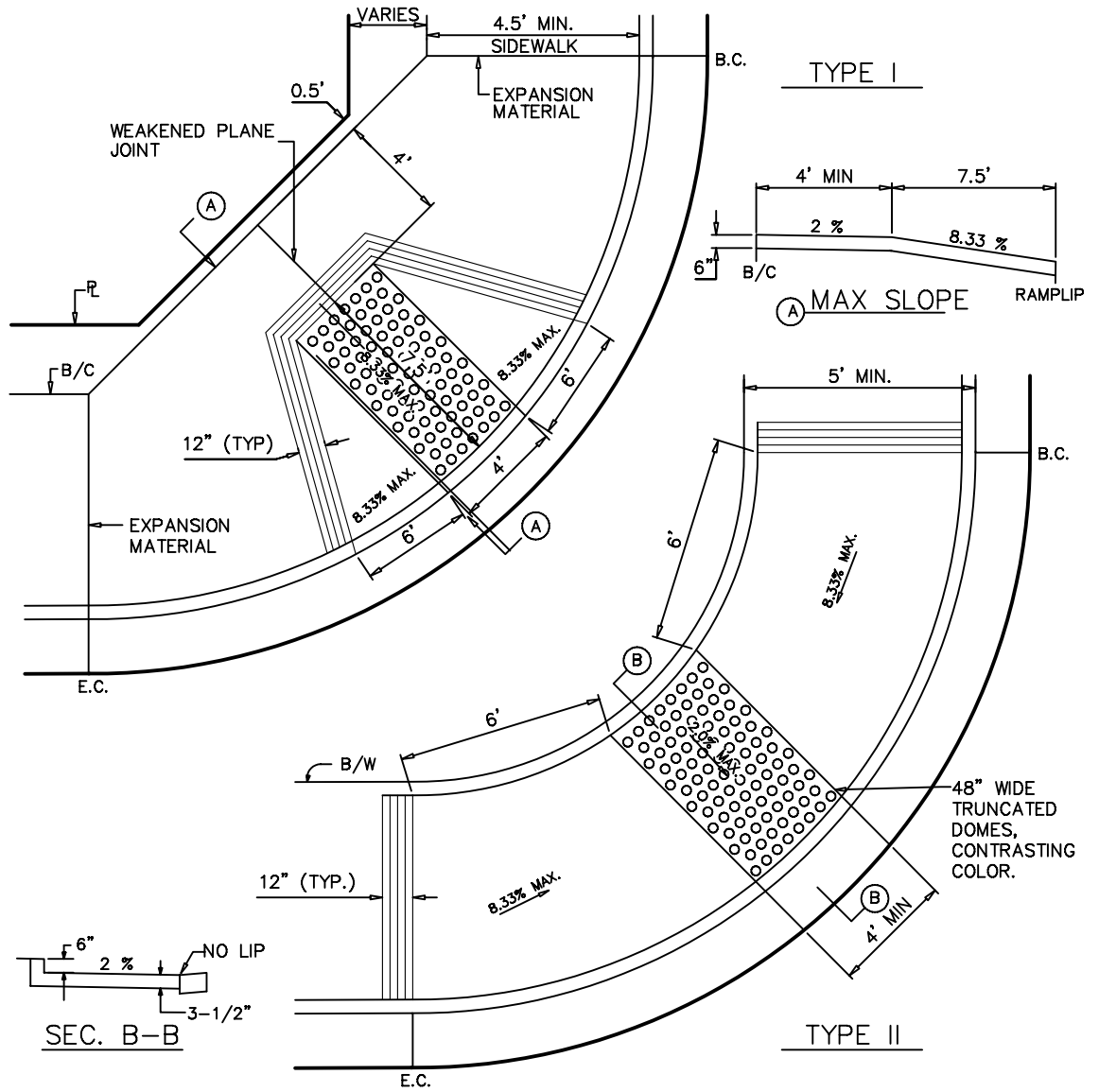
**ARTERIAL STREET
MINIMUM STREET CROSS SECTION**

REVISIONS

CITY OF SANGER
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**STD.
NO.
ST-3**



DETECTABLE WARNING SURFACE SEE NOTE 4

NOTES:

- 1) CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL CURRENT ADA GUIDELINES.
- 2) 12" WIDE BORDER WITH 1/4" DEPTH AND WIDTH GROOVES APPROX. 3/4" O.C. SEE GROOVING DETAIL ABOVE.
- 3) MEDIUM BROOM-FINISH.
- 4) DETECTABLE WARNING SURFACE REQUIRED THE FULL WIDTH & 3' DEPTH OF RAMP. SEE DETECTABLE WARNING DETAIL AT LEFT.
- 5) MEDIUM BROOM FINISH WITHIN RAMP AREA.
- 6) RETROFIT-WHEN A WHEELCHAIR RAMP IS ADDED TO AN EXISTING FACILITY AND A 4' PLATFORM IS NOT FEASIBLE, THE WIDTH MAY BE DECREASED TO 3'.

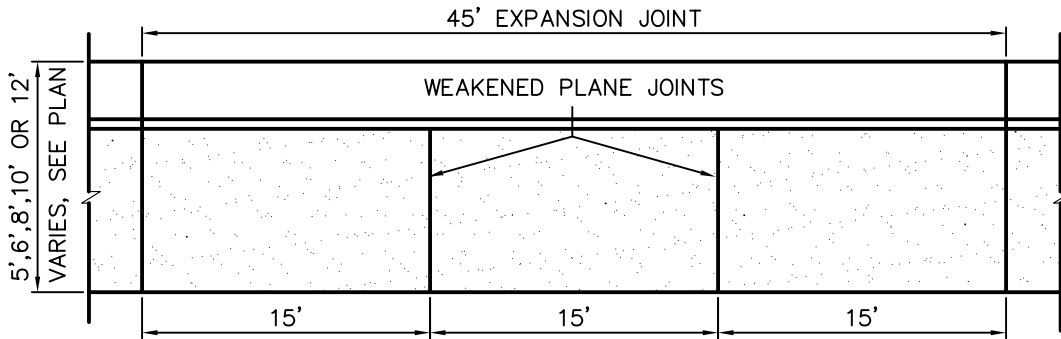
NOT TO SCALE

WHEELCHAIR RAMP

REVISIONS

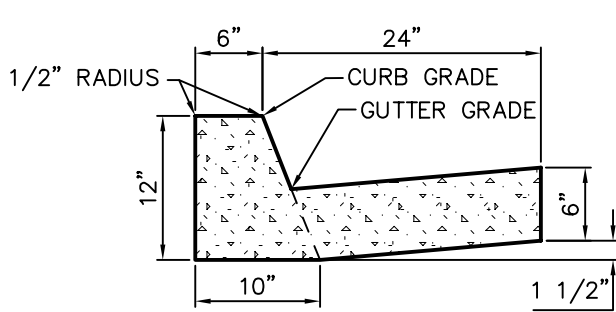
CITY OF SANGER
01-17-2008

STD.
NO.



PLANS OF SIDEWALK, CURB & GUTTER, AND SCRIBE LINE DETAILS

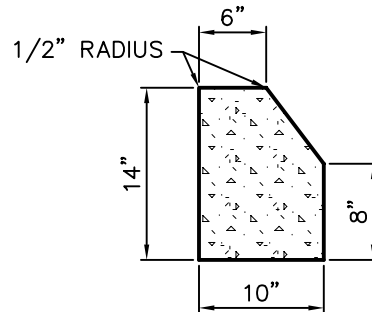
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MONOLITHIC

SECTION OF CURB & GUTTER

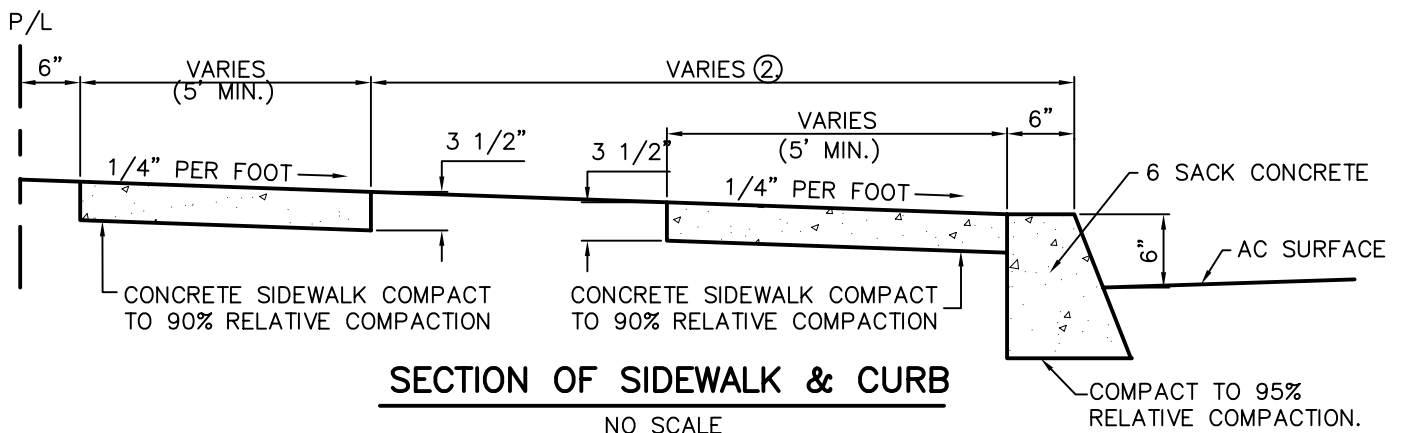
NO SCALE



CURB

NOTE:

CONTRACTOR SHALL FILL AREA BETWEEN NEW GUTTER AND EXISTING STREET SURFACE WITH MIN 2" A.C. AND 4" A.B. OR AS REQUIRED BY CITY ENGINEER TO MEET EXISTING STREET SURFACE. COMPACTION SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER. CONCRETE SHALL BE FINISHED WITH A "BROOM" FINISH - AS PER SUBSECTION 15.06 OF THE CITY STANDARD SPECIFICATIONS. TOP OF CURB SHALL SLOPE AWAY FROM SIDEWALK, TOWARDS STREET



NOTE:

1. AREA BETWEEN CURB AND SIDEWALK SHALL BE FILLED LEVEL WITH CLEAN TOPSOIL FREE OF DEBRIS. SIDEWALK SHALL BE 6 SACK CONCRETE
2. IF BICYCLE/PEDESTRIAN PATH REQUIRED, MINIMUM SIDEWALK WIDTH=8'

CURB, GUTTER AND SIDEWALK

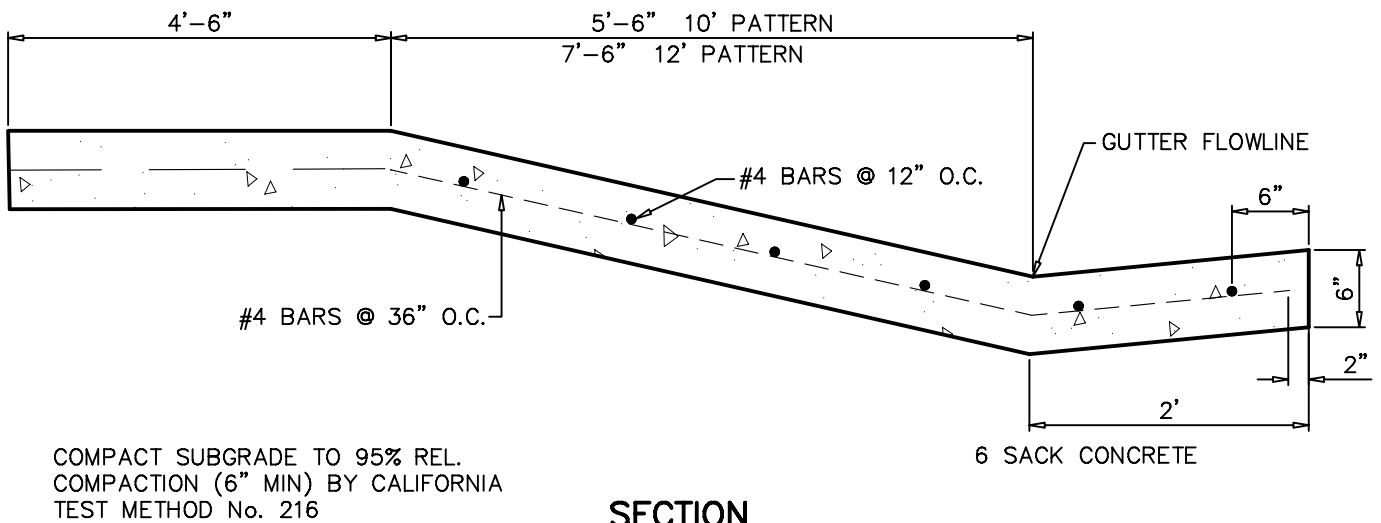
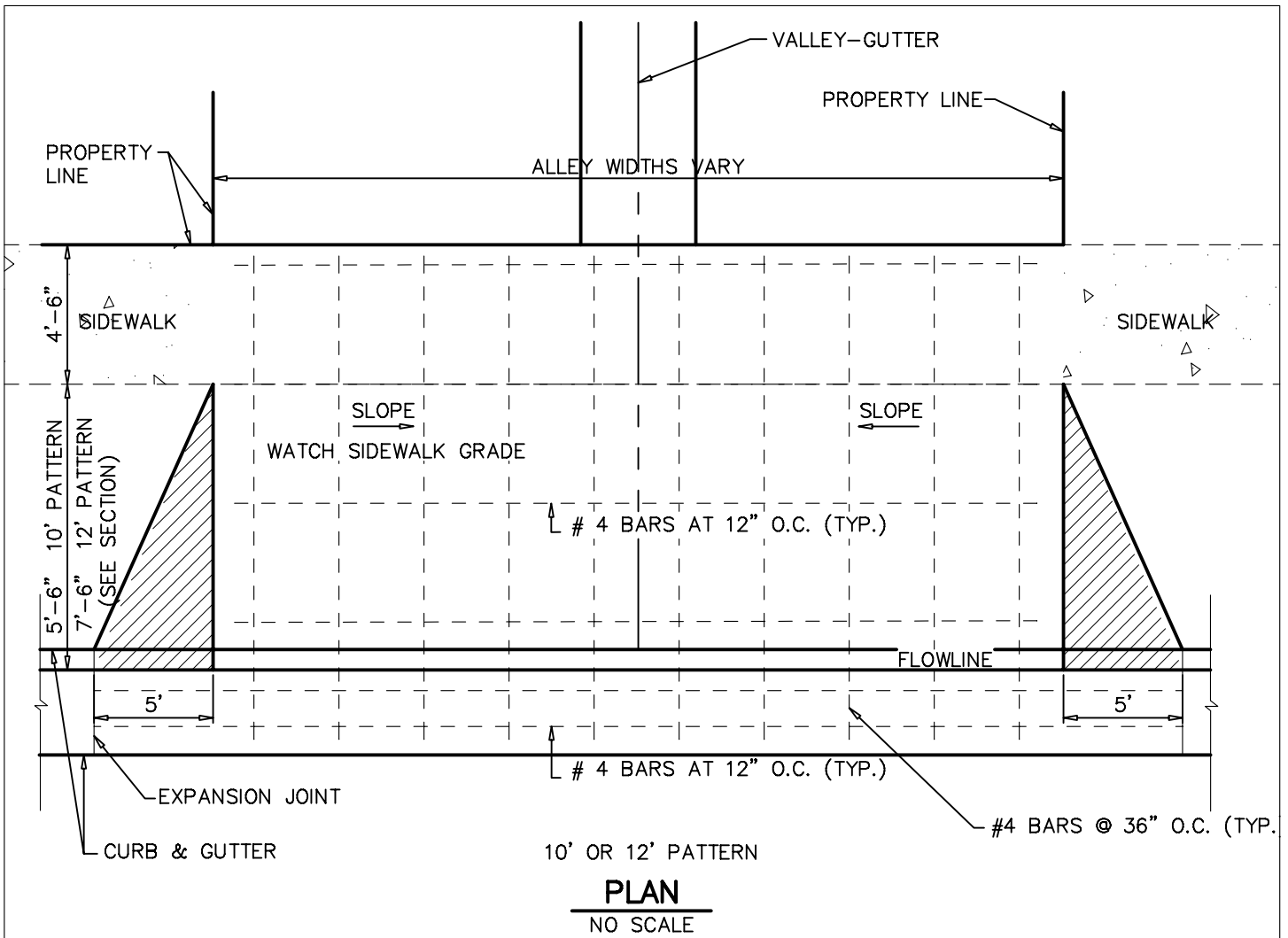
REVISIONS
01/17/2008

CITY OF SANGER
07-20-1995 (P-3)

**STD.
NO.**

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COMPACT SUBGRADE TO 95% REL. COMPACTION (6" MIN) BY CALIFORNIA TEST METHOD No. 216

SECTION
NO SCALE

**ALLEY APPROACH
COMMERCIAL**

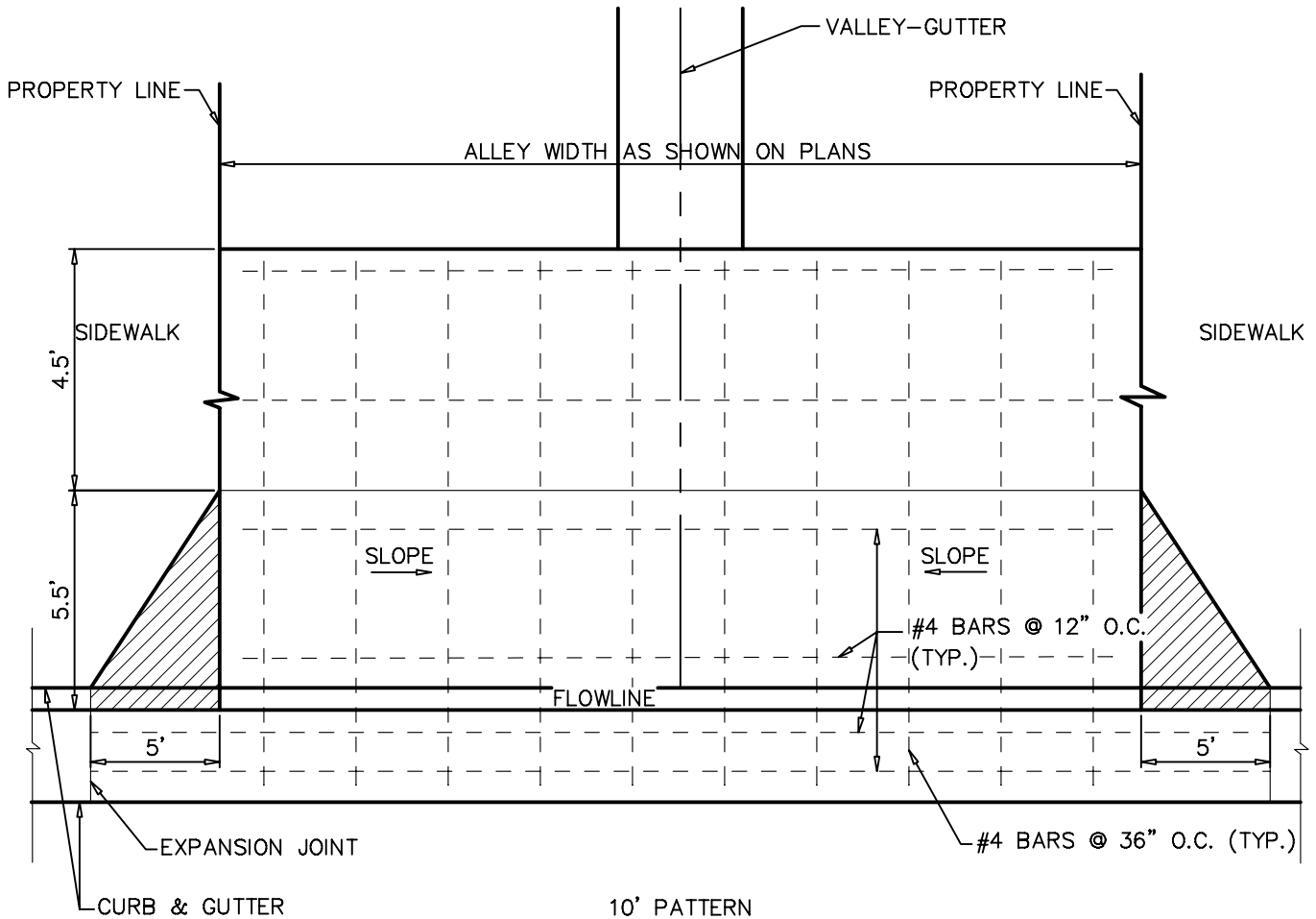
NOTE: WING DISTANCE MAY BE REDUCED TO 3' IF APPROVED BY CITY ENGINEER

**ALLEY APPROACH
COMMERCIAL**

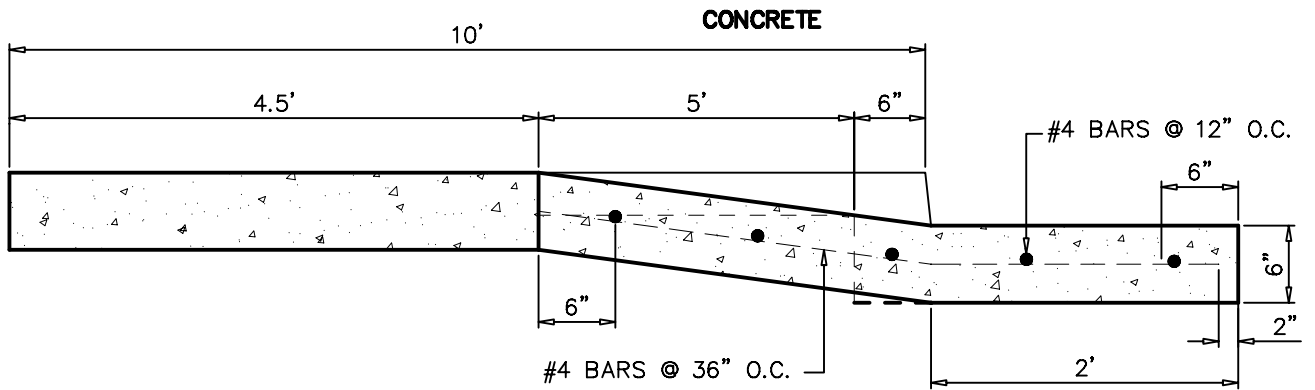
REVISIONS
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CITY OF SANGER
07-20-1995 (P-5)

**STD.
NO.**



10' PATTERN
PLAN
 NO SCALE



COMPACT SUBGRADE TO 95% REL. COMPACTION (6" MIN) BY CALIFORNIA TEST METHOD No. 216

SECTION
 NO SCALE

6 SACK CONCRETE

**ALLEY APPROACH
 RESIDENTIAL**

NOTE: WING DISTANCE MAY BE REDUCED TO 3' IF APPROVED BY CITY ENGINEER

**ALLEY APPROACH
 RESIDENTIAL**

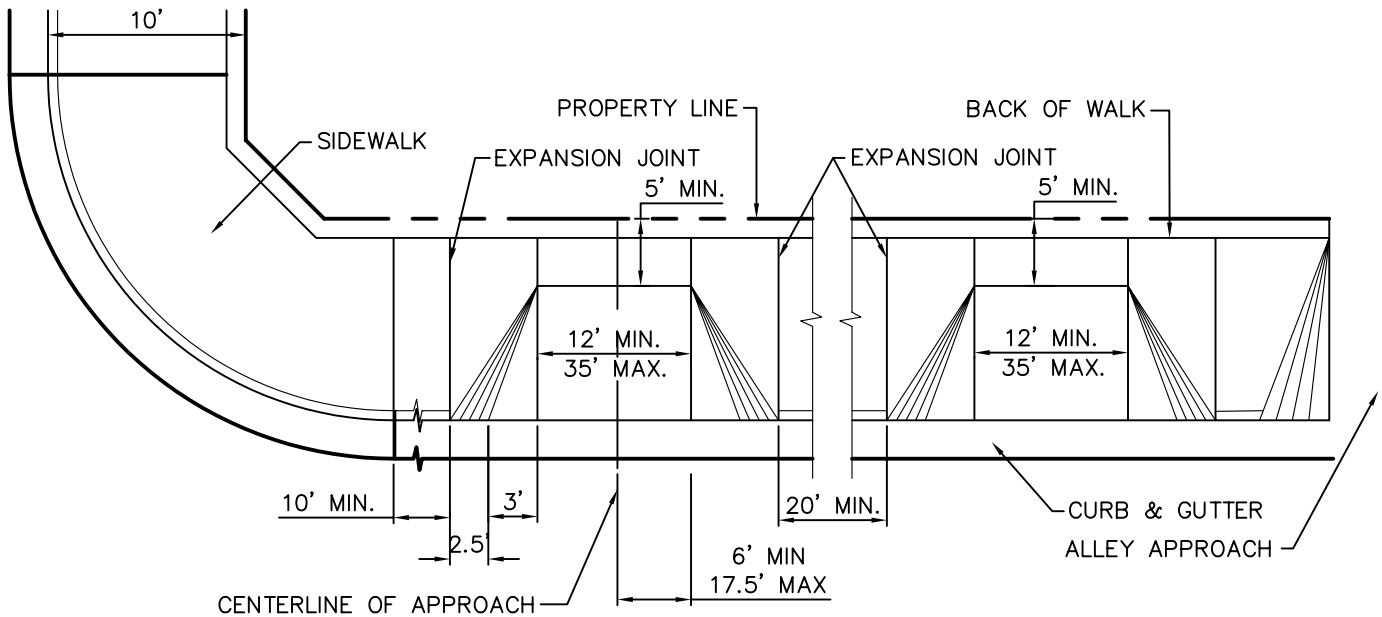
REVISIONS
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CITY OF SANGER
 07-20-1995 (P-6)

**STD.
 NO.**

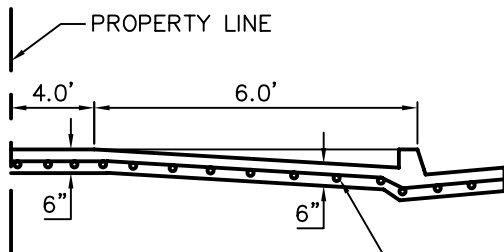
PAGE 49

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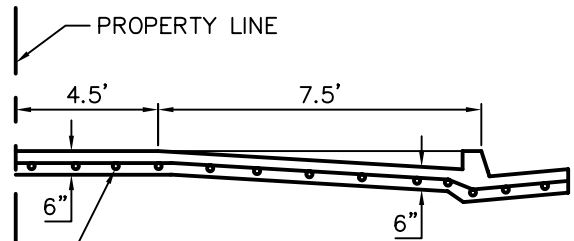
COMMERCIAL CURB, GUTTER & SIDEWALK

NO SCALE



10' PATTERN

NO SCALE



12' PATTERN

NO SCALE

#4 BARS @ 12" O.C.

**DRIVE APPROACH
COMMERCIAL**

NOTES:

1. NOT MORE THAN 60% OF THE CURB FACE MAY BE USED FOR DRIVEWAY OPENING
2. COMPACT SUBGRADE TO 95% REL. COMPACTION (6" MIN.) BY CALIFORNIA TEST METHOD No. 216
3. ALL CONCRETE TO BE 6 SACK CONCRETE
4. CURB & GUTTER TO BE POURED PRIOR TO APPROACH

**DRIVE APPROACH
COMMERCIAL**

REVISIONS
01/17/2008

CITY OF SANGER
07-20-1995 (P-9)