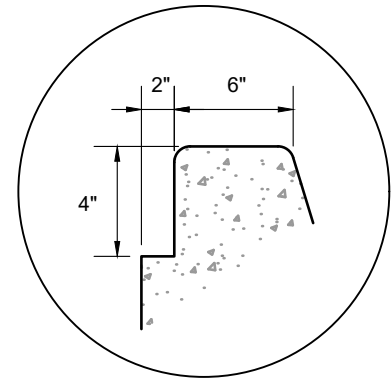
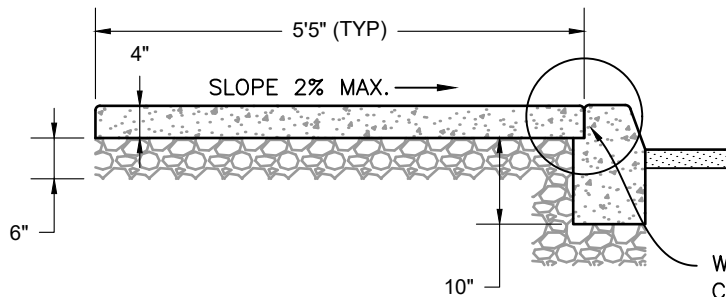
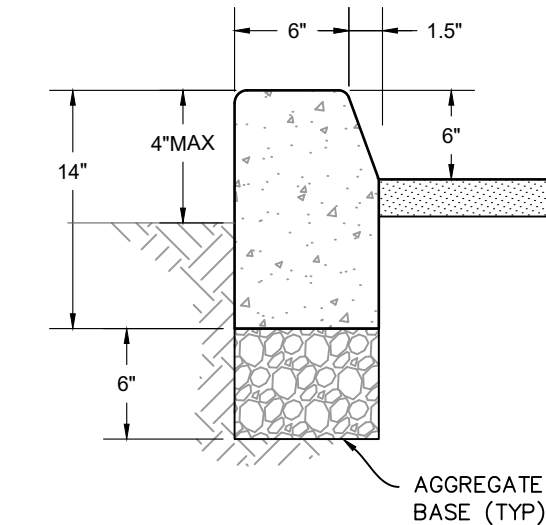




DETAIL "A"

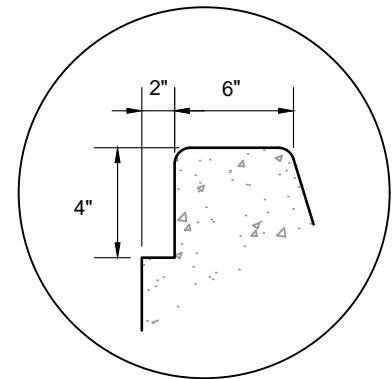
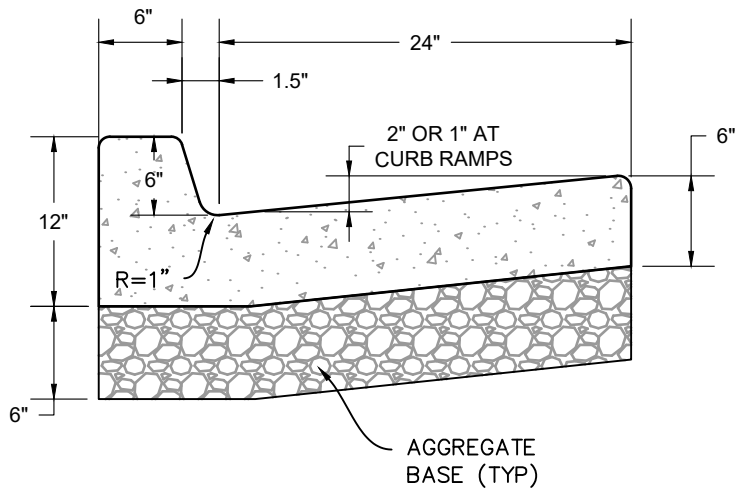
WHEN NOT POURING MONOLITHIC CURB AND SIDEWALK USE DETAIL "A" OR CITY STD DTL "TYPE E CURB AND GUTTER W/ SIDEWALK"

NOTES:

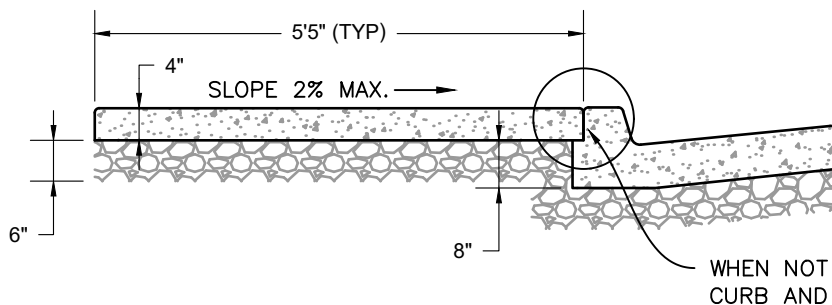
1. SIDEWALK AND CURB RAMPS WITHIN ALL CURB RETURNS SHALL BE A MINIMUM OF 6" THICK
2. SEE CITY STD DTL "WEAKENED PLANE JOINTS" FOR LOCATION AND DESIGN REQUIREMENTS OF WEAKENED PLANES AND JOINTS.
3. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
4. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
5. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
6. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
7. WHEN NEW SIDEWALK ABUTS EXISTING SIDEWALK DOWELS SHALL BE USED TO PREVENT UNEVEN SETTLING: USE 12" LONG, #3 REBAR DOWELS AT 12" O.C.
8. BACK OF WALK TO ALIGN WITH PUBLIC RIGHT-OF-WAY LINE UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
9. WIDTH OF SIDEWALK MAY VARY AND SHALL BE APPROVED BY CITY ENGINEER.
10. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
11. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
12. ALL CONCRETE SHALL CONTAIN 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	DR	DFC	03/2023		
				A1 CURB W/SIDEWALK	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-01



DETAIL "A"



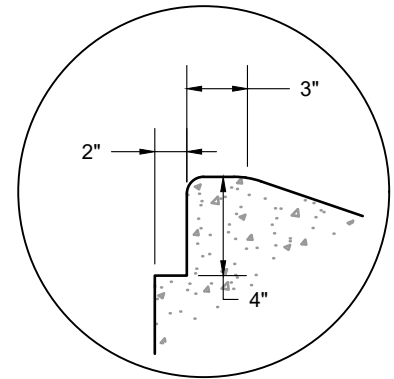
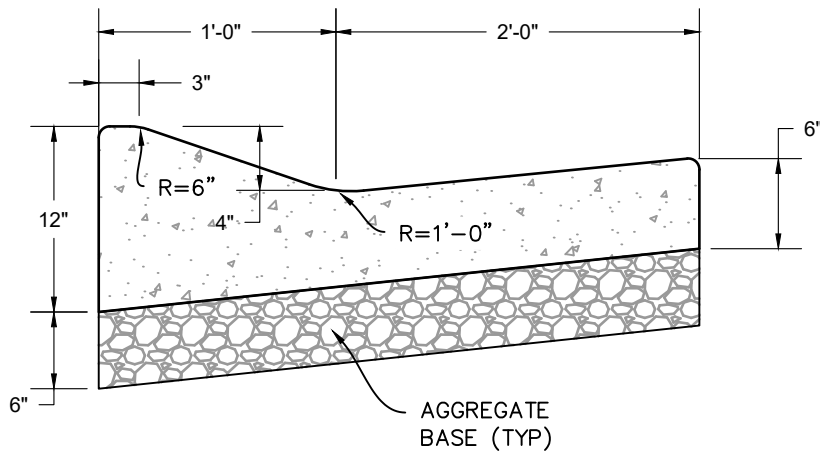
WHEN NOT POURING MONOLITHIC CURB AND SIDEWALK USE DETAIL "A"

NOTES:

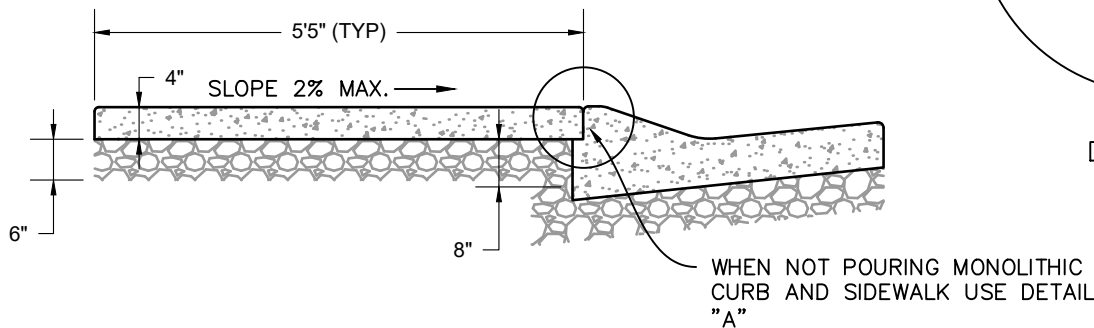
1. SEE CITY STD DTL "WEAKENED PLANE JOINTS" FOR LOCATION OF WEAKENED PLANES AND JOINTS.
2. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
5. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
6. WHEN NEW SIDEWALK ABUTS EXISTING SIDEWALK DOWELS SHALL BE USED TO PREVENT UNEVEN SETTLING: USE 12" OF #3 REBAR AT 12" O.C.
7. BACK OF WALK TO ALIGN WITH PUBLIC RIGHT-OF-WAY LINE UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
8. WIDTH OF SIDEWALK MAY VARY AND SHALL BE APPROVED BY CITY ENGINEER.
9. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
10. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
11. ALL CONCRETE SHALL CONTAIN 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
(ORIGINAL)	TWB	RCC	06/2005		
UPDATE	DR	DFC	03/2023	A2 CURB & GUTTER W/ SIDEWALK	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST-02



DETAIL "A"

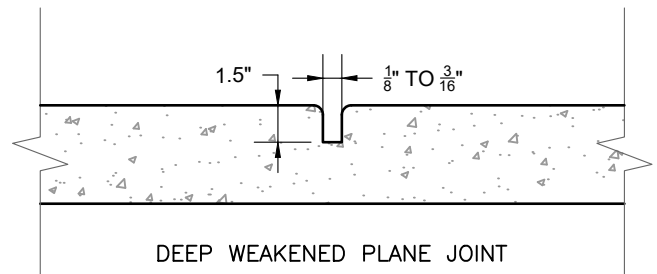
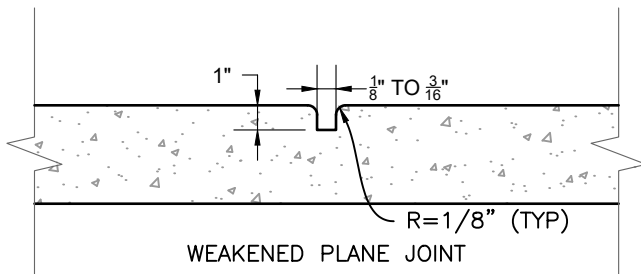
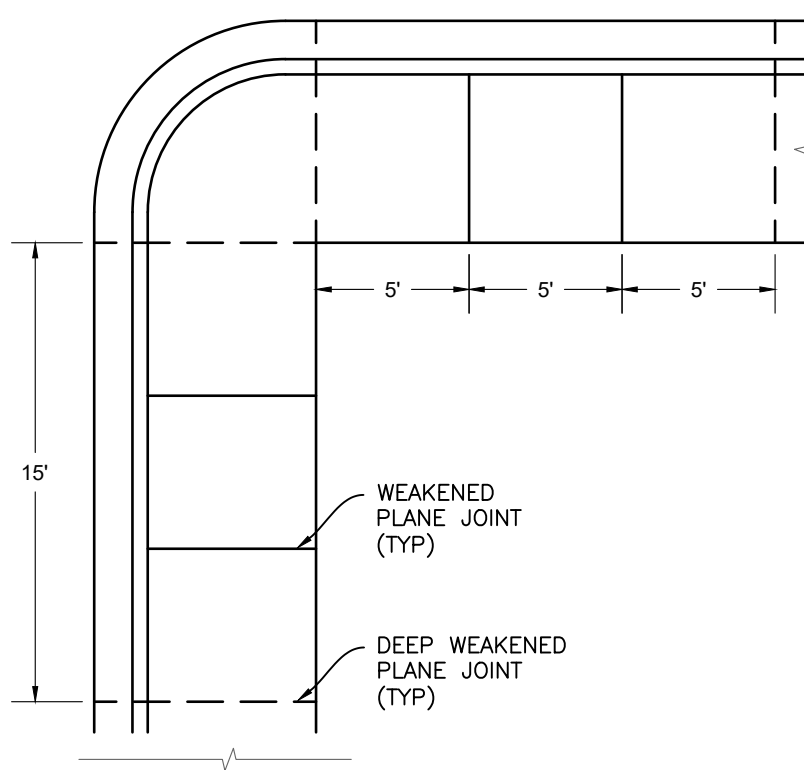


NOTES:

1. SEE CITY STD DTL "WEAKENED PLANE JOINTS" FOR LOCATION OF WEAKENED PLANES AND JOINTS.
2. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
5. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
6. WHEN NEW SIDEWALK ABUTS EXISTING SIDEWALK DOWELS SHALL BE USED TO PREVENT UNEVEN SETTLING: USE 12" OF #3 REBAR AT 12" O.C.
7. BACK OF WALK TO ALIGN WITH PUBLIC RIGHT-OF-WAY LINE UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
8. WIDTH OF SIDEWALK MAY VARY AND SHALL BE APPROVED BY CITY ENGINEER.
9. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
10. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
11. ALL CONCRETE SHALL CONTAIN 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
(ORIGINAL)	TWB	RCC	06/2005		
UPDATE	DR	DFC	03/2023	TYPE E CURB & GUTTER W/ SIDEWALK	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST-03



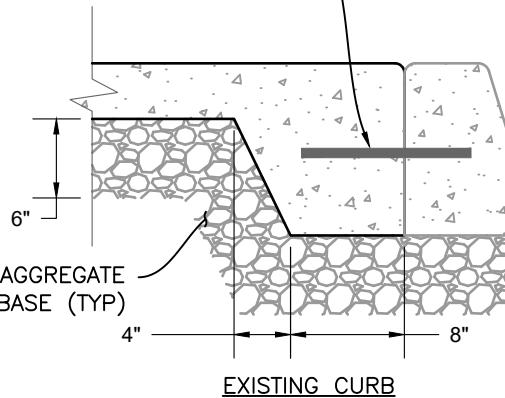
NOTES:

1. SEE CITY STANDARD DETAILS FOR SIDEWALK, CURB, AND GUTTER DESIGN AND INSTALLATION REQUIREMENTS AS NEEDED.
2. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. DEEP WEAKENED PLANE JOINTS TO EXTEND THROUGH CURB AND GUTTER.
5. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}"$ AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
6. WIDTH OF SIDEWALK MAY VARY AND SHALL BE APPROVED BY CITY ENGINEER.
7. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
8. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
9. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.

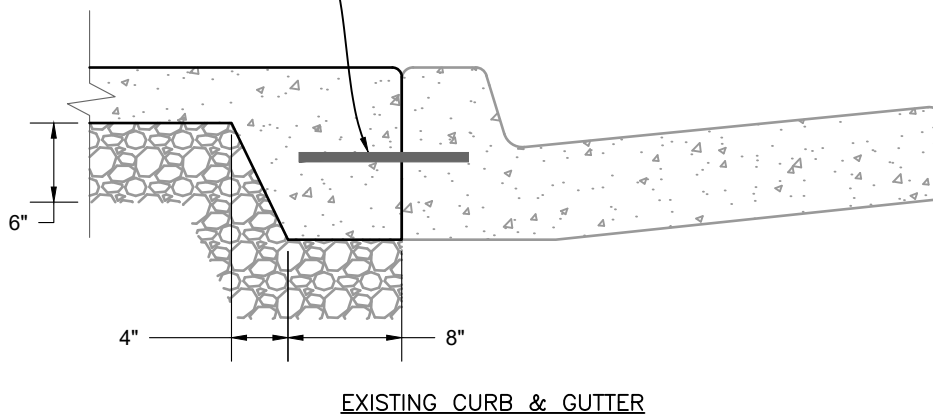


REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY: 	
(ORIGINAL)	TWB	RCC	06/2005			
UPDATE	DR	DFC	03/2023	WEAKENED PLANE JOINTS	N. B. KHATRI, R.C.E. #75428	
					DRAWING NUMBER	ST-07

12" #4 REBAR @6' O.C. OR
AS DIRECTED BY ENGINEER



12" #4 REBAR @6' O.C. OR
AS DIRECTED BY ENGINEER

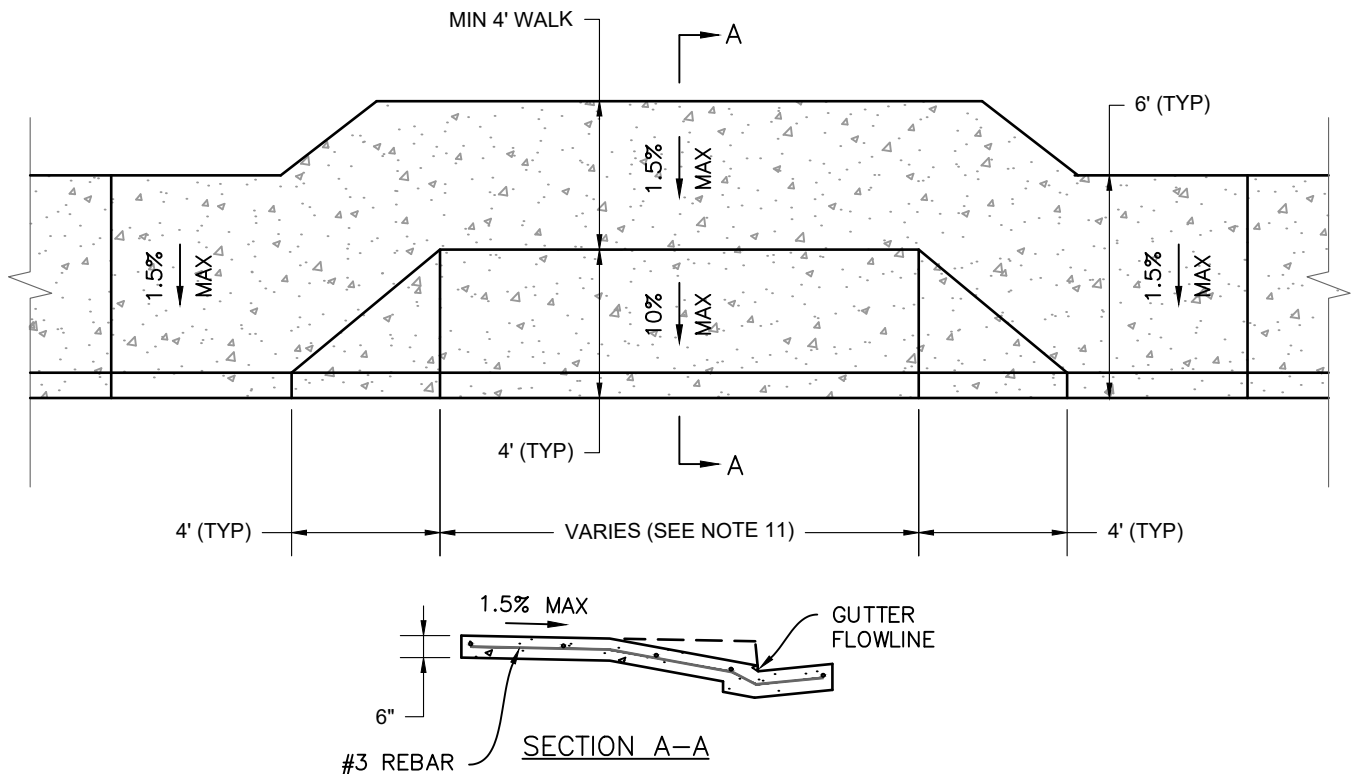


NOTES:

1. SEE CITY STANDARD DETAILS FOR SIDEWALK, CURB, AND GUTTER DESIGN AND INSTALLATION REQUIREMENTS AS NEEDED.
2. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
5. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
6. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
7. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
8. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA SIDEWALK INFILL W/ EXISTING CURB & GUTTER	APPROVED BY:
(ORIGINAL)	TWB	RCC	06/2005		
UPDATE	DR	DFC	03/2023		N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST-08

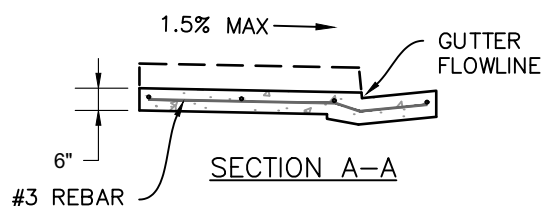
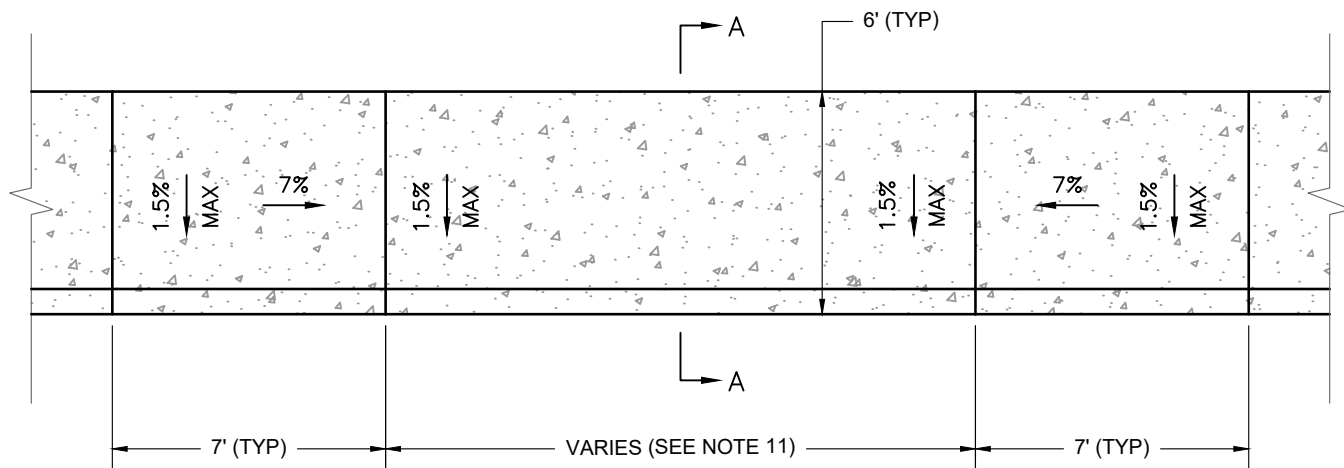


NOTES:

1. SEE CITY STD DTL "WEAKENED PLANE JOINTS" FOR LOCATION AND DESIGN REQUIREMENTS OF WEAKENED PLANES AND JOINTS.
2. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
5. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
6. WHEN NEW SIDEWALK ABUTS EXISTING SIDEWALK DOWELS SHALL BE USED TO PREVENT UNEVEN SETTLING: USE 12" OF #3 REBAR AT 12" O.C.
7. BACK OF WALK TO ALIGN WITH PUBLIC RIGHT-OF-WAY LINE UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
8. WIDTH OF SIDEWALK MAY VARY AND SHALL BE APPROVED BY CITY ENGINEER.
9. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
10. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 24 HOURS IN ADVANCE.
11. THE WIDTH OF THE DRIVEWAY AT THE FLOW LINE SHALL BE NO LESS THAN 10' AND NO MORE THAN 30' UNLESS OTHERWISE PRESCRIBED BY CITY MUNICIPAL CODE.
12. #3 REBAR AT 30" O.C. EACH WAY FOR RESIDENTIAL DRIVEWAYS, #4 REBAR AT 18" O.C. EACH WAY FOR COMMERCIAL DRIVEWAYS.
13. 12" LONG #3 REBAR DOWELS (TO BE INSTALLED WITH EPOXY) AT 30" O.C. IF DRIVEWAY IS CONNECTED TO EXISTING WALK AND/OR GUTTER.
14. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	07/2022		
UPDATE	DR	DFC	03/2023	WALKABOUT DRIVEWAY	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-09

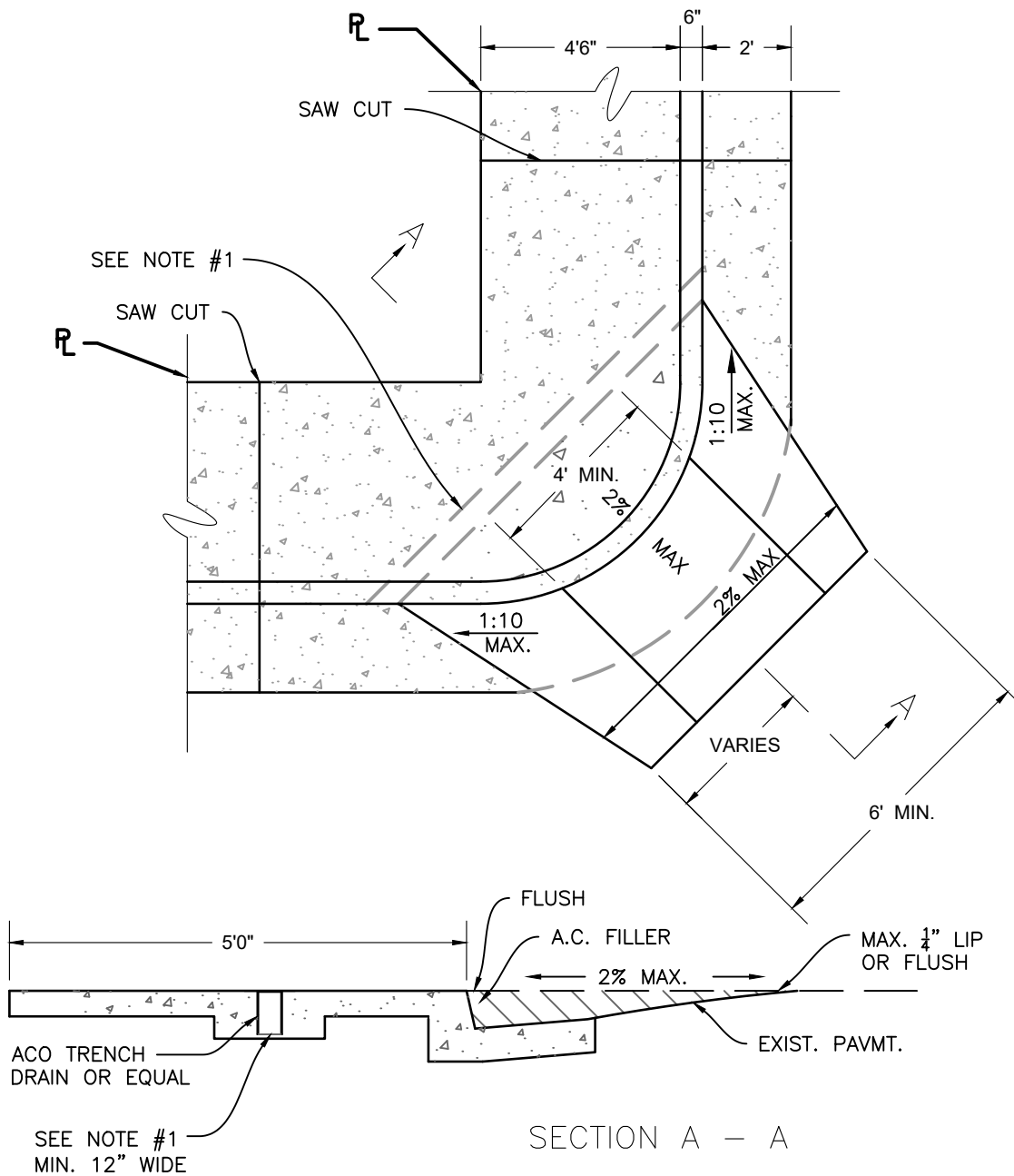


NOTES:

1. SEE CITY STD DTL "WEAKENED PLANE JOINTS" FOR LOCATION AND DESIGN REQUIREMENTS OF WEAKENED PLANES AND JOINTS.
2. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
5. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
6. WHEN NEW SIDEWALK ABUTS EXISTING SIDEWALK DOWELS SHALL BE USED TO PREVENT UNEVEN SETTLING: USE 12" OF #3 REBAR AT 12" O.C.
7. BACK OF WALK TO ALIGN WITH PUBLIC RIGHT-OF-WAY LINE UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
8. WIDTH OF SIDEWALK MAY VARY AND SHALL BE APPROVED BY CITY ENGINEER.
9. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
10. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 24 HOURS IN ADVANCE.
11. THE WIDTH OF THE DRIVEWAY AT THE FLOW LINE SHALL BE NO LESS THAN 10' AND NO MORE THAN 30' UNLESS OTHERWISE PRESCRIBED BY CITY MUNICIPAL CODE.
12. #3 REBAR AT 30" O.C. EACH WAY FOR RESIDENTIAL DRIVEWAYS, #4 REBAR AT 18" O.C. EACH WAY FOR COMMERCIAL DRIVEWAYS.
13. 12" LONG #3 REBAR DOWELS (TO BE INSTALLED WITH EPOXY) AT 30" O.C. IF DRIVEWAY IS CONNECTED TO EXISTING WALK AND/OR GUTTER.
14. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	07/2022	DRIVEWAY	 N. B. KHATRI, R.C.E. #75428
UPDATE	DR	DFC	03/2023		
					DRAWING NUMBER ST-10

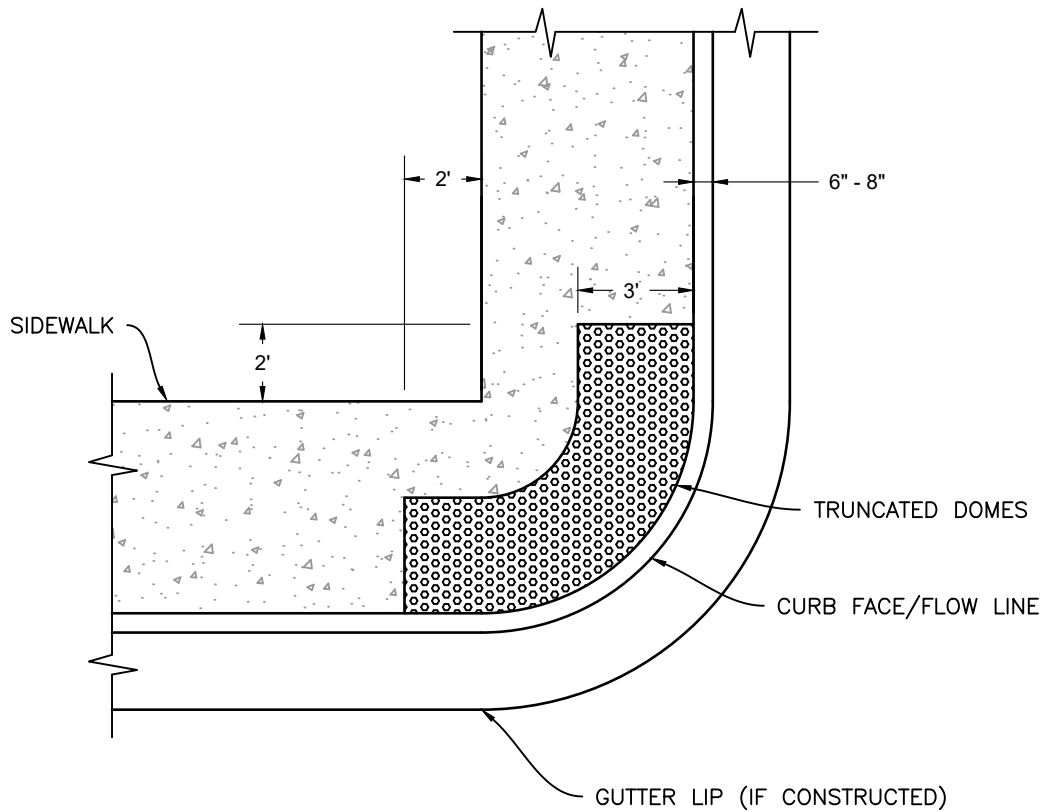


NOTES

1. REMOVE AND REPLACE SIDEWALK, CURB, AND GUTTER, OR SAWCUT SIDEWALK AND INSTALL TRENCH DRAIN PER CITY STD DTL "UNDER SIDEWALK DRAIN" OR APPROVED EQUAL. (VERIFY WITH CITY ENGINEER).
2. WHEN GUTTER SLOPES AWAY FROM CORNER, TRENCH PIPE IS NOT REQUIRED.
3. RAMP SHALL NOT EXTEND OUT INTO TRAVELED WAY.
4. TRUNCATED DOMES TO BE INSTALLED PER CITY STD DTL "TRUNCATED DOMES".
5. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY: 
(ORIGINAL)	TWB	RCC	06/2005		
UPDATE	DR	DFC	03/2023	BLENDED TRANSITION	N. B. KHATRI, R.C.E. #75428
				DRAWING NUMBER ST-11	



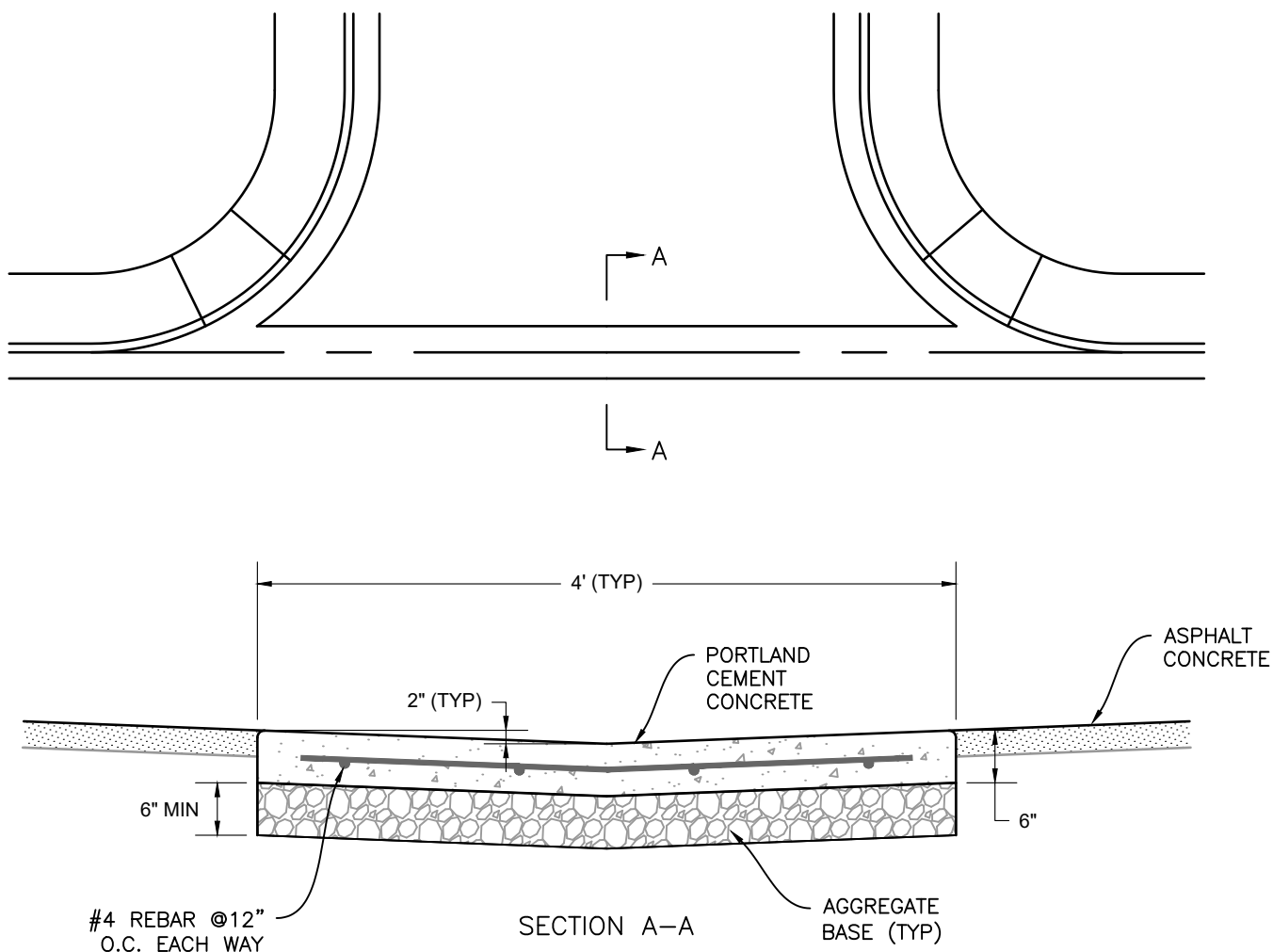
PLAN VIEW

NOTES:

1. TRUNCATED DOME PATTERN - CALTRANS STANDARD A88A
2. SURFACE APPLICATION ALLOWED ON EXISTING SIDEWALKS OR ON RADIUS
3. TRUNCATED DOMES SHALL BE BLACK IN COLOR UNLESS IN SCHOOL ZONES, IN WHICH CASE YELLOW SHALL BE USED
4. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	MA	DFC	04/2023		
				TRUNCATED DOMES	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-12

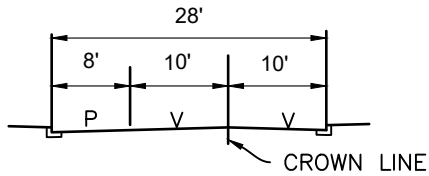


NOTES:

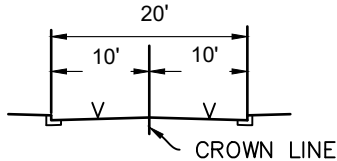
1. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
2. ALL CONCRETE SHALL BE 560-C-3250 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
3. ALL ROUNDED CORNERS TO BE $\frac{1}{2}$ " RADIUS UNLESS OTHERWISE SPECIFIED.
4. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
5. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY ENGINEER.
6. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
7. WIDTH OF VALLEY GUTTER TO VARY AS NEEDED.
8. ALL CONCRETE SHALL INCLUDE 3 LBS OF LAMP BLACK PER CUBIC YARD.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				VALLEY GUTTERS	N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-15A

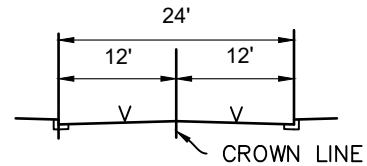


PARKING ONE SIDES



NO PARKING

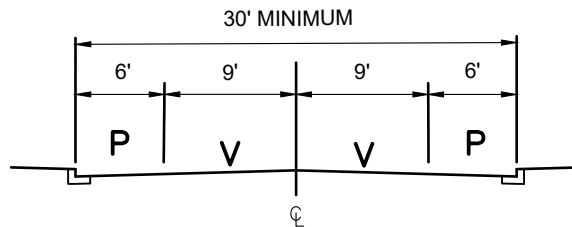
ONE WAY LOOP



(FIRE DEPT. MINIMUMS)

PRIVATE ROAD

DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER



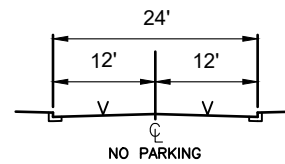
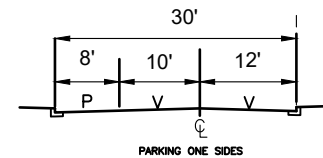
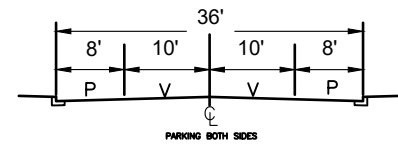
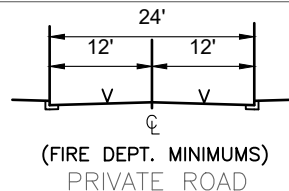
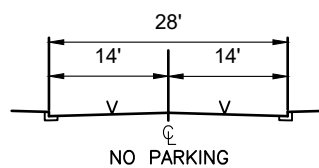
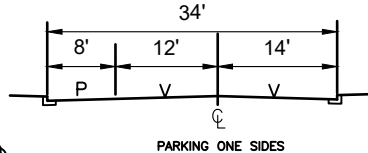
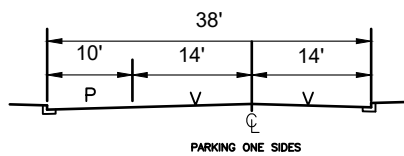
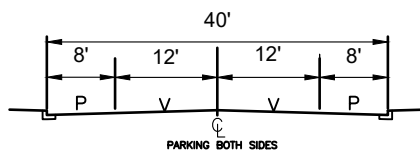
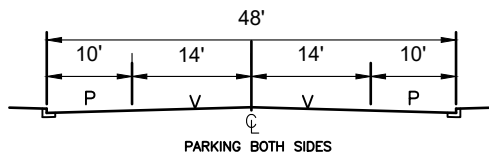
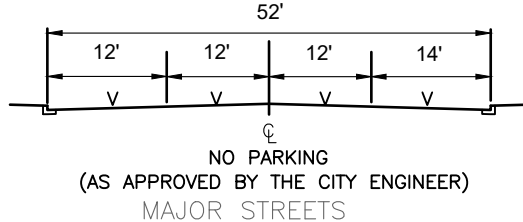
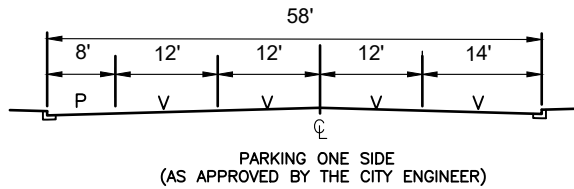
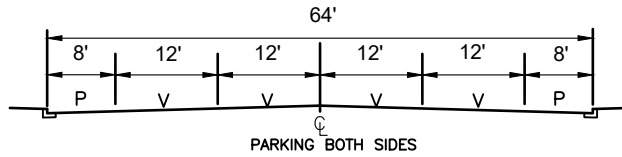
30' STREET WIDTH

THIS STANDARD MAY BE USED ONLY WHEN ALL OF THE CONDITIONS ARE MET:

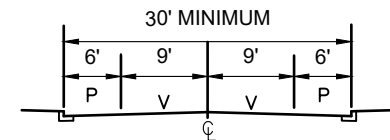
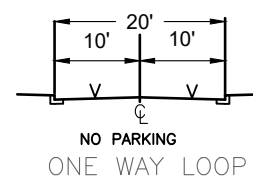
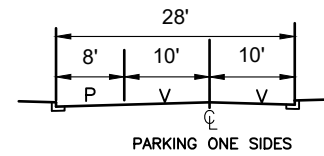
1. VEHICULAR SPEEDS SHALL NOT EXCEED 25 MILES PER HOUR (MPH).
2. AVERAGE DAILY TRIPS (ADT) SHALL NOT EXCEED 1000.
3. STREETS SHALL HAVE INTERSECTIONS SPACED AT A MAXIMUM OF 1200 FEET.
4. STREETS SHALL HAVE ACCESS FROM TWO DIRECTIONS (NO CUL-DE-SACS)
5. STREETS MAY NECK DOWN TO 20 FEET AT INTERSECTIONS.
6. CORNERS SHALL HAVE A 10 FOOT RADIUS IF WITHOUT A NECK AND A 20 FOOT RADIUS IF WITH A NECK.
7. STREETS SHALL HAVE SIDEWALKS ON BOTH SIDES OF STREET.
8. STREETS SHALL CONTAIN RESIDENTIAL UNITS ONLY.
9. THIS STANDARD SHALL NOT APPLY IN SPECIAL DESIGNATED FIRE HAZARDOUS AREAS AS SHOWN ON THE "FIRE HAZARD ZONE MAP" ON FILE AT THE CITY CLERKS OFFICE.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				STREET WIDTHS	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-20



MINOR STREETS & CUL-DE-SAC STREETS



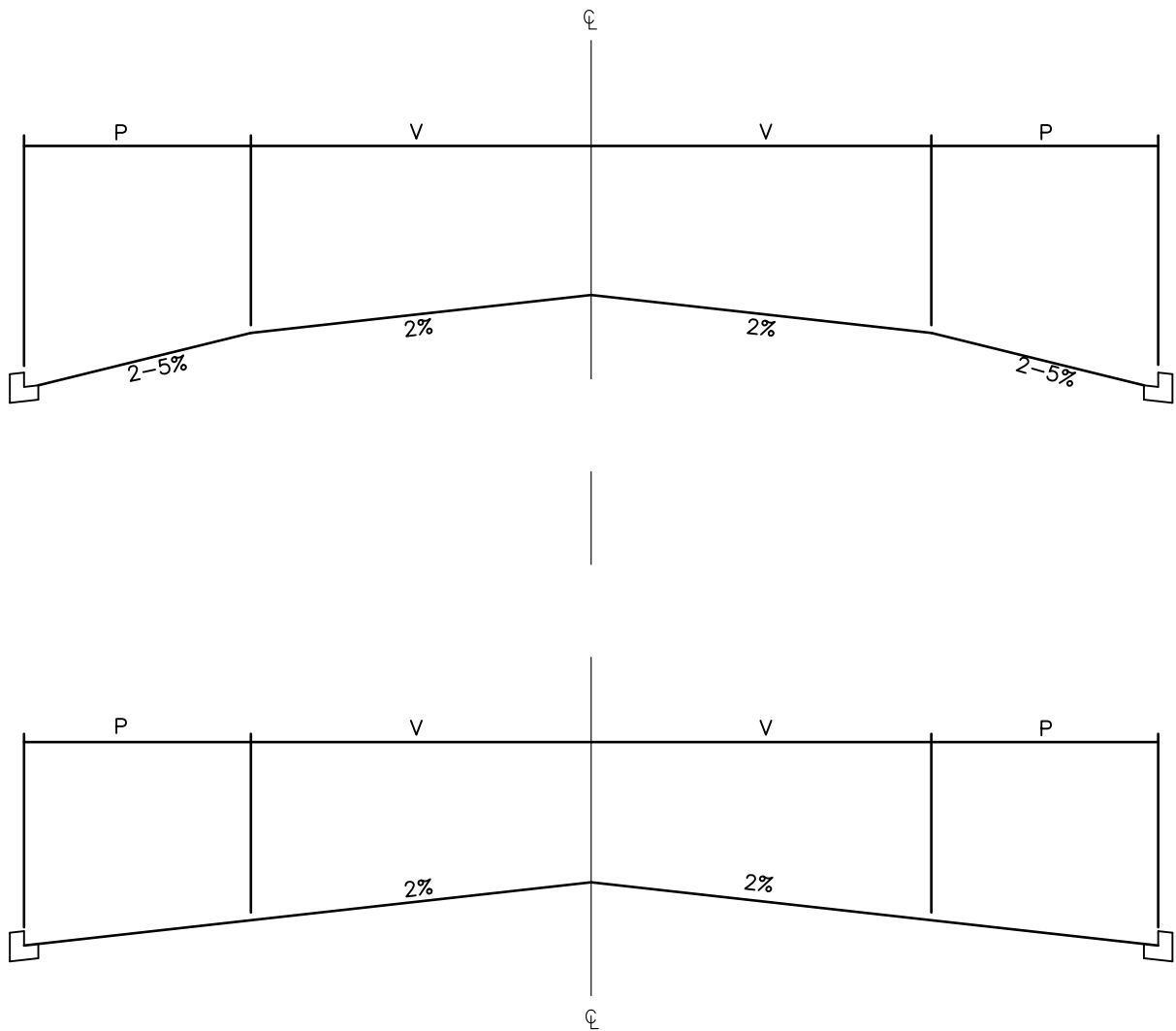
30' STREET WIDTH

THIS STANDARD MAY BE USED ONLY WHEN ALL OF THE CONDITIONS ARE MET:

1. VEHICULAR SPEEDS SHALL NOT EXCEED 25 MILES PER HOUR (MPH).
2. AVERAGE DAILY TRIPS (ADT) SHALL NOT EXCEED 1000.
3. STREETS SHALL HAVE INTERSECTIONS SPACED AT A MAXIMUM OF 1200 FEET.
4. STREETS SHALL HAVE ACCESS FROM TWO DIRECTIONS (NO CUL-DE-SACS)
5. STREETS MAY NECK DOWN TO 20 FEET AT INTERSECTIONS.
6. CORNERS SHALL HAVE A 10 FOOT RADIUS IF WITHOUT A NECK AND A 20 FOOT RADIUS IF WITH A NECK.
7. STREETS SHALL HAVE SIDEWALKS ON BOTH SIDES OF STREET.
8. STREETS SHALL CONTAIN RESIDENTIAL UNITS ONLY.
9. THIS STANDARD SHALL NOT APPLY IN SPECIAL DESIGNATED FIRE HAZARDOUS AREAS AS SHOWN ON THE "FIRE HAZARD ZONE MAP" ON FILE AT THE CITY CLERKS OFFICE.

NOTE: DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER

REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				STREET WIDTHS	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST-21

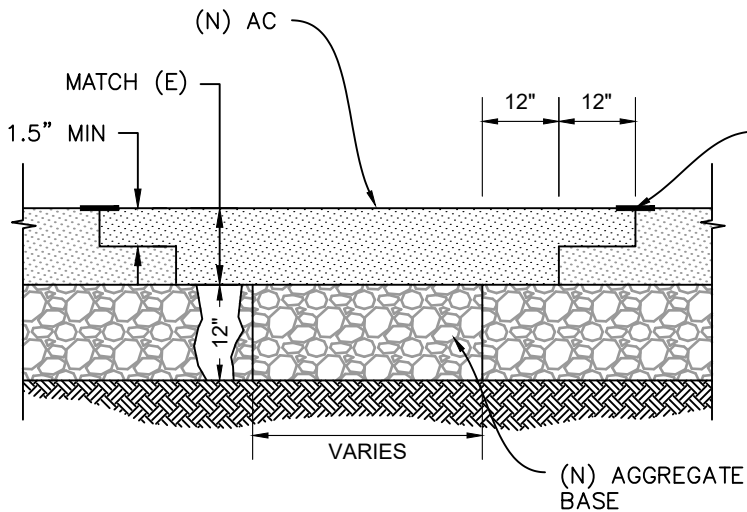


NOTES:

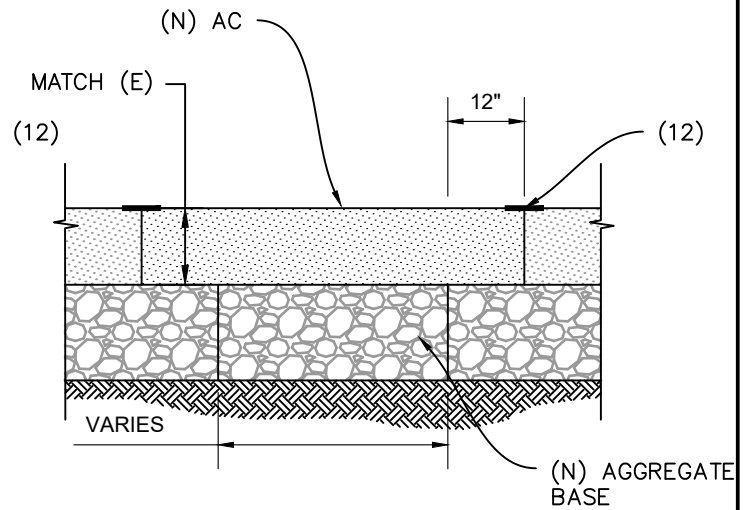
1. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				CROWNS	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-22



T-CAP RESTORATION



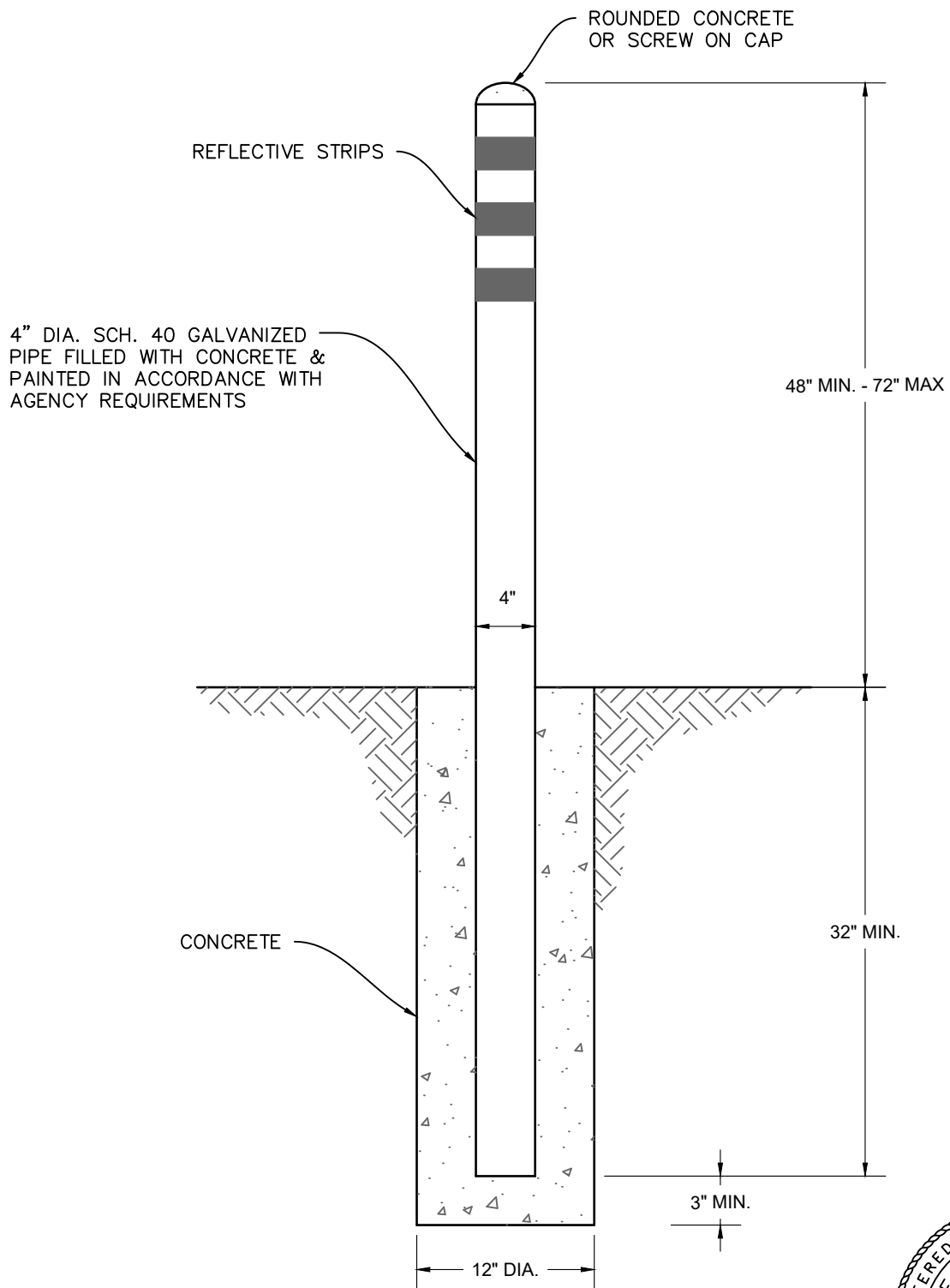
T-CUT RESTORATION

NOTES

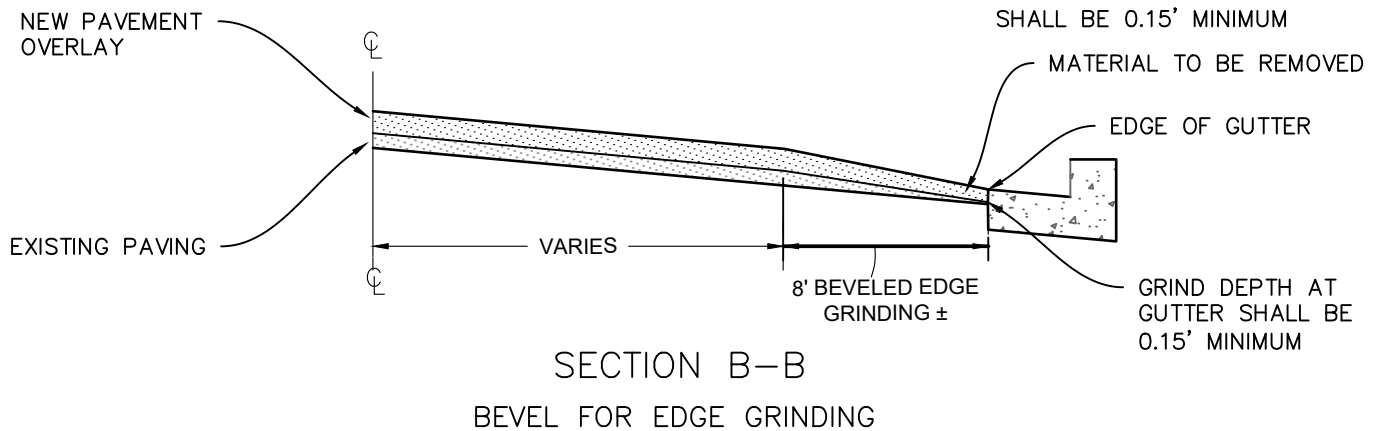
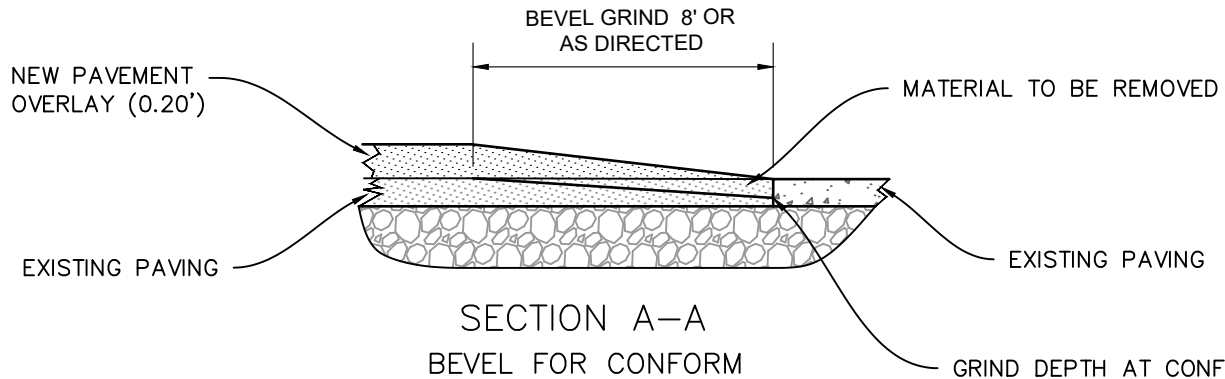
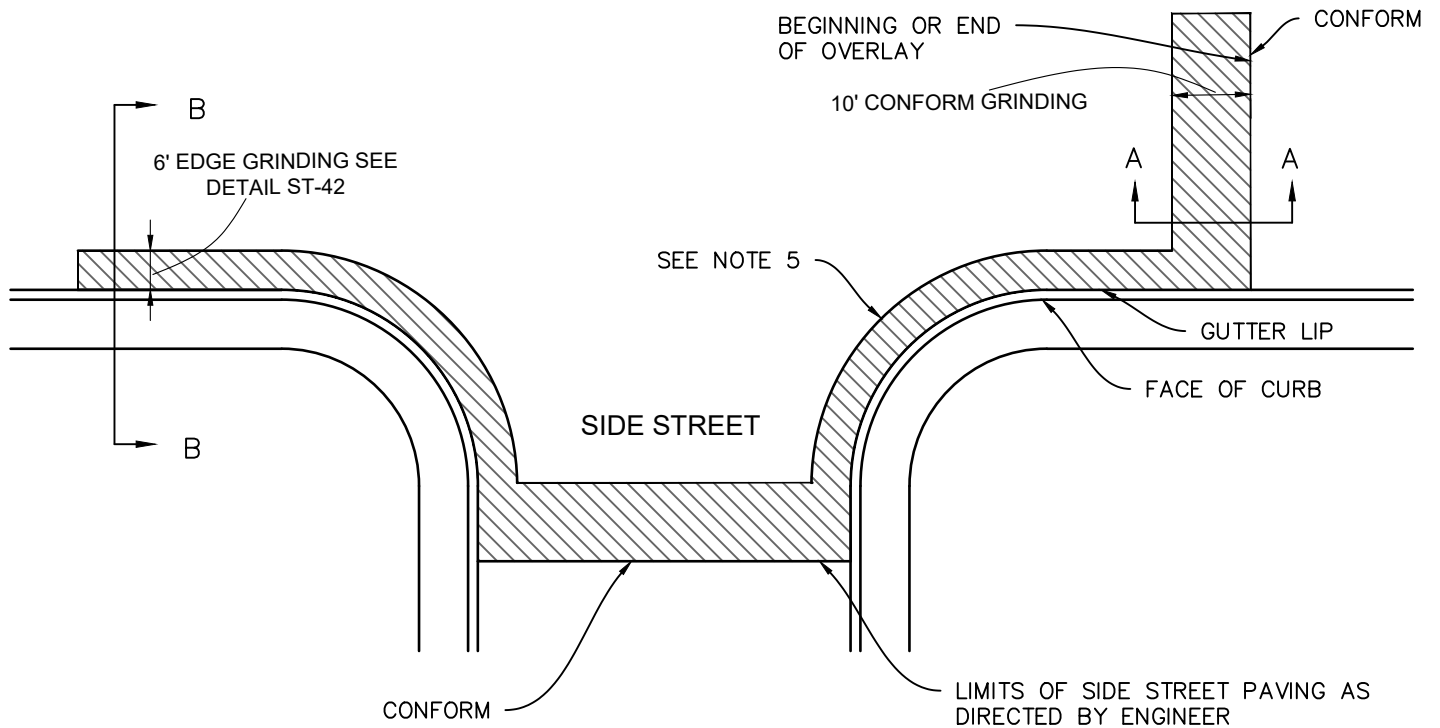
1. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
2. T-CAP RESTORATION REQUIRED IN CITY STREETS THAT ARE CLASSIFIED BY THE CITY AS: FREEWAYS/HIGHWAYS, ARTERIALS, MINOR ARTERIALS, OR COLLECTORS.
3. FOR STREETS THAT HAVE BEEN PAVED AND/OR SLURRED DURING THE LAST 5 YEARS THE CONTRACTOR SHALL PAVE TO WIDTH AND/OR LIMITS AS DIRECTED BY CITY ENGINEER.
 - 3.1. PAVING WIDTH SHALL BE 5' MINIMUM IF TRENCH IS PARALLEL TO DIRECTION OF TRAVEL. IF TRENCH SEAM FALLS WITHIN 2 FEET OF WHEEL PATH THEN EXTEND THE WIDTH OF PAVING BY 2' MINIMUM.
 - 3.2. PAVING WIDTH SHALL BE 6' MINIMUM IF TRENCH IS PERPENDICULAR TO DIRECTION OF TRAVEL. IF TRENCH SEAM FALLS WITHIN 2 FEET OF WHEEL PATH THEN EXTEND THE WIDTH OF PAVING BY 2' MINIMUM.
 - 3.3. ANY RESTORATION WORK RESULTING IN PONDING IN EXCESS OF $\frac{1}{8}$ " SHALL BE REMOVED & REPLACED.
 - 3.4. PAVING OF TRENCH SHALL NOT EXCEED MORE THAN $\frac{1}{4}$ " HEIGHT DIFFERENTIAL AS COMPARED TO THE EXISTING PAVEMENT.
4. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2 MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
5. ASPHALT SHALL BE $\frac{1}{2}$ " TYPE-A HMA AS PER SECTION 39 OF THE CALTRANS STANDARD SPECIFICATIONS, OR AS APPROVED BY CITY ENGINEER, AND SHALL BE INSTALLED IN 2 LIFTS MINIMUM (TYP).
6. VERTICAL EDGES OF AC SHALL BE SWEEP CLEAN AND BINDER SHALL BE APPLIED PRIOR TO PAVING.
7. ASPHALT THICKNESS TO MATCH EXISTING, BUT SHALL BE NO LESS THAN 3 INCHES.
8. BASE THICKNESS TO MATCH EXISTING, BUT SHALL BE NO LESS THAN 12".
9. PAVEMENT REMOVAL SHALL EMPLOY SAW CUTTING OR GRINDING.
10. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY CITY ENGINEER.
11. INSPECTION OF FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.
12. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY: 
(ORIGINAL)	JEE	SRB	01/2001		
REVISED	MA	DFC	03/2023	PAVEMENT RESTORATION	N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-30



REVISION	BY	APPROVED	DATE	CITY OF ARCATA		APPROVED BY:
UPDATE	DR	DFC	03/2023			
				PROTECTION POST		 N. B. KHATRI, R.C.E. #75428
						DRAWING NUMBER
						ST-33

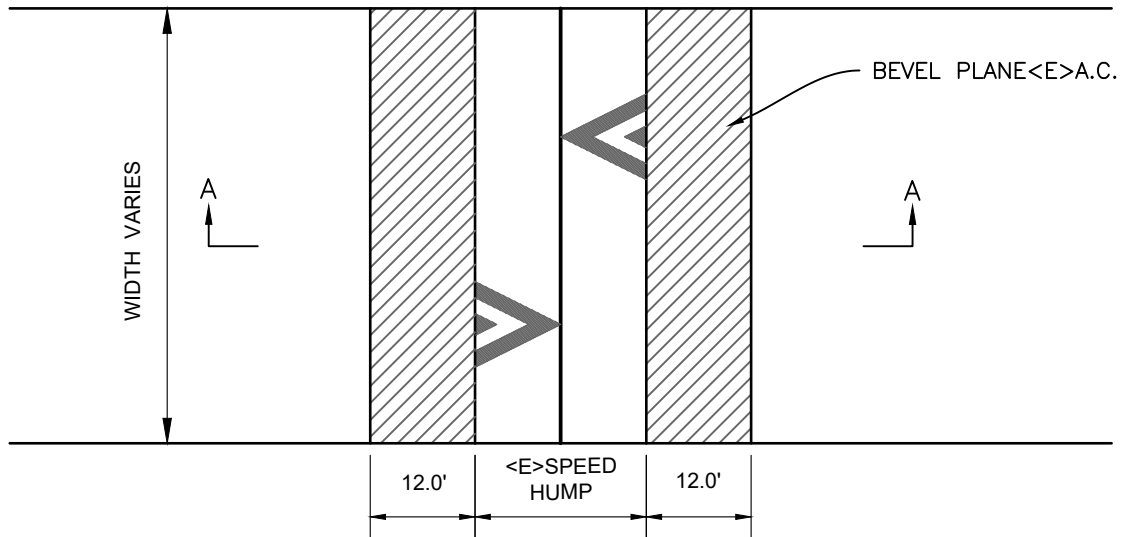


NOTE:

1. CONFORM GRINDING IS INTENDED TO INSURE A GENTLE TRANSITION FROM EXISTING PAVEMENT TO NEW OVERLAY.
2. AFTER GRINDING, AREA TO BE SWEEPED TO REMOVE DUST AND DEBRIS.
3. SPECIAL ATTENTION SHALL BE PAID TO VERTICAL SURFACES AT EDGES OF GRIND DURING APPLICATION OF ASPHALT BINDER.
4. WIDTH OF GRIND MAY VARY AT CITY ENGINEERS DISCRETION DUE TO SITE CONDITIONS.
5. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.

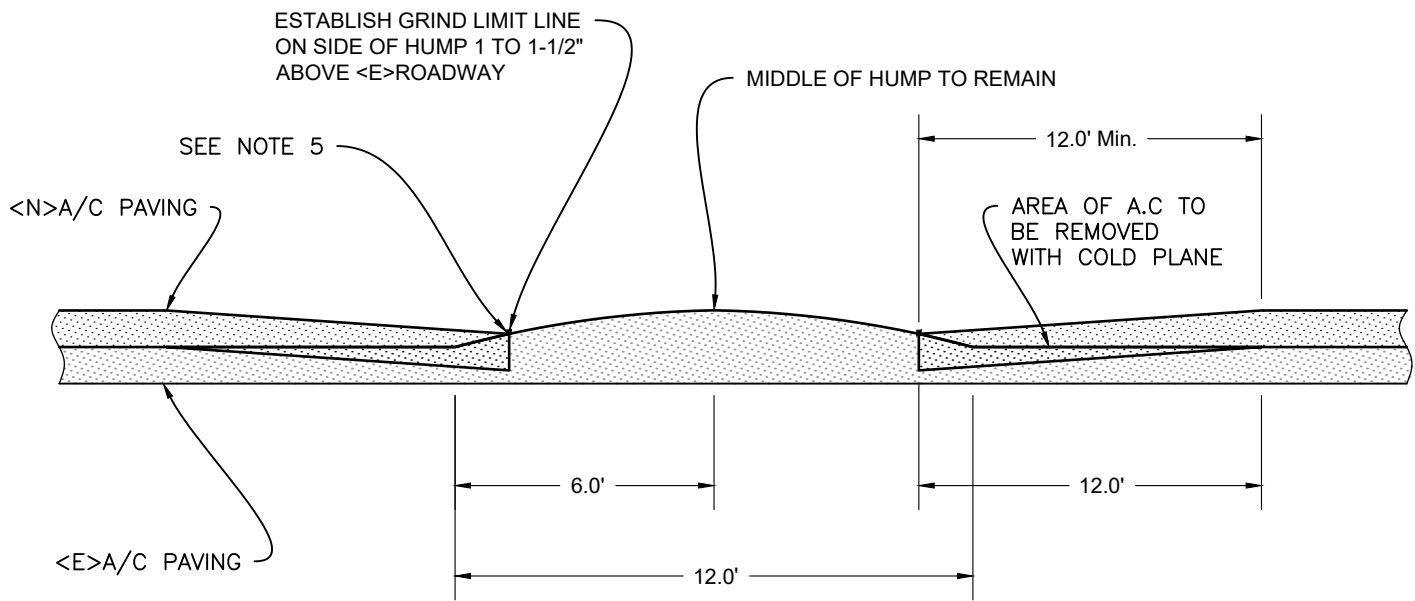


REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	DR	DFC	03/2023	BEVEL FOR EDGE AND CONFORM GRINDING	
					N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-41



PLAN VIEW

N.T.S.



SECTION A-A

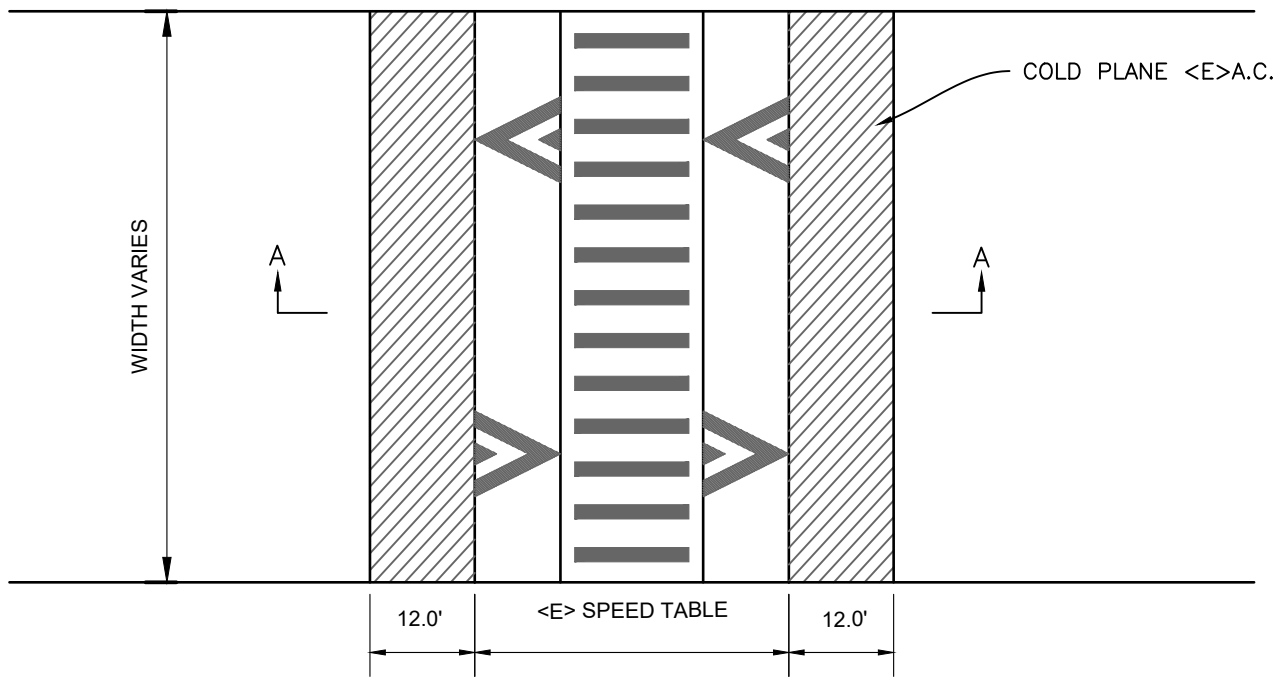
NOT TO SCALE
ELEVATIONS DISTORTED
FOR READABILITY

NOTES:

1. EDGES OF GRIND SHALL BE SMOOTH AND DIRT FREE.
2. APPLY TACK COAT PRIOR TO PAVING.
3. SEE STD DTL "SPEED HUMP/LUMP" AND "SPEED HUMP/LUMP MARKINGS" FOR SPEED HUMP CONSTRUCTION AND STRIPING
4. THE INTENT IS TO LESSON HEIGHT OF THESE HUMPS BY 1 TO 1-1/2 INCHES, CONSULT WITH CITY ENGINEER PRIOR TO SETTING GRIND LIMIT.
5. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.

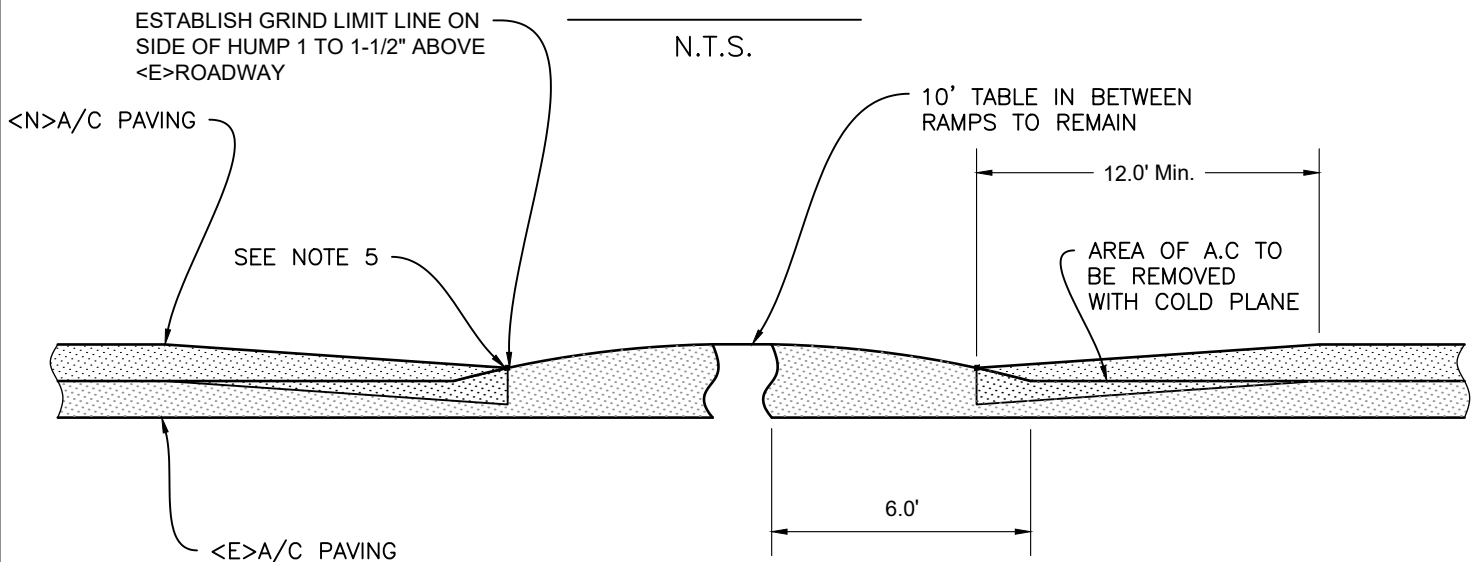


REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	DR	DFC	03/2023		
				SPEED HUMP PAVING CONFORM	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-42



PLAN VIEW

N.T.S.



SECTION A-A

NOTES:

1. EDGES OF GRIND SHALL BE SMOOTH AND DIRT FREE.
2. APPLY TACK COAT PRIOR TO PAVING.
3. SEE STD DTL "SPEED HUMP/LUMP" AND "SPEED HUMP/LUMP MARKINGS" FOR SPEED HUMP CONSTRUCTION AND STRIPING
4. THE INTENT IS TO LESSON HEIGHT OF THESE HUMPS BY 1 TO 1-1/2 INCHES, CONSULT WITH CITY ENGINEER PRIOR TO SETTING GRIND LIMIT.
5. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.

NOT TO SCALE
ELEVATIONS DISTORTED
FOR READABILITY



REVISION	BY	APPROVED	DATE
UPDATE	KLR	DFC	03/2023

CITY OF ARCATA

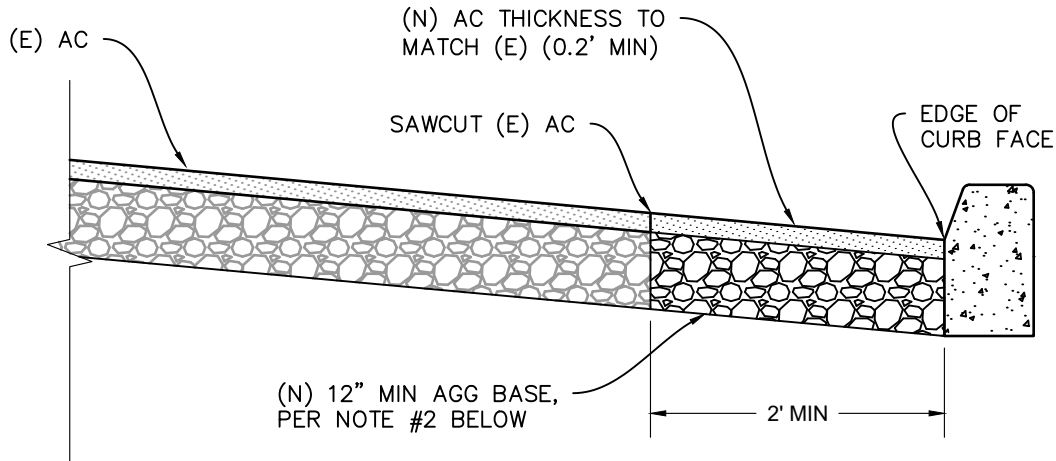
SPEED HUMP
PAVING CONFORM

APPROVED BY:

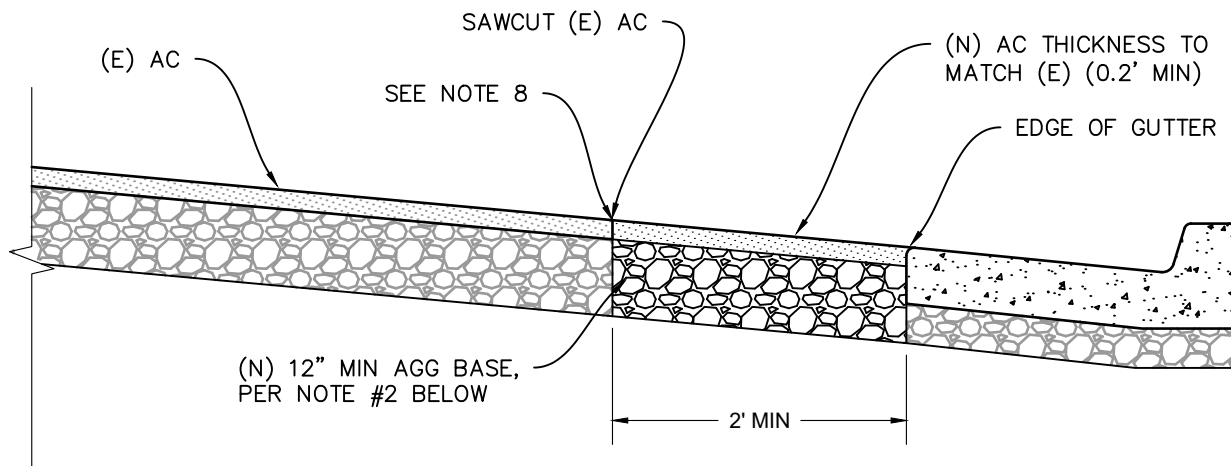
N. B. KHATRI, R.C.E. #75428

DRAWING
NUMBER

ST 42A



SHEAR-IN AT CURB



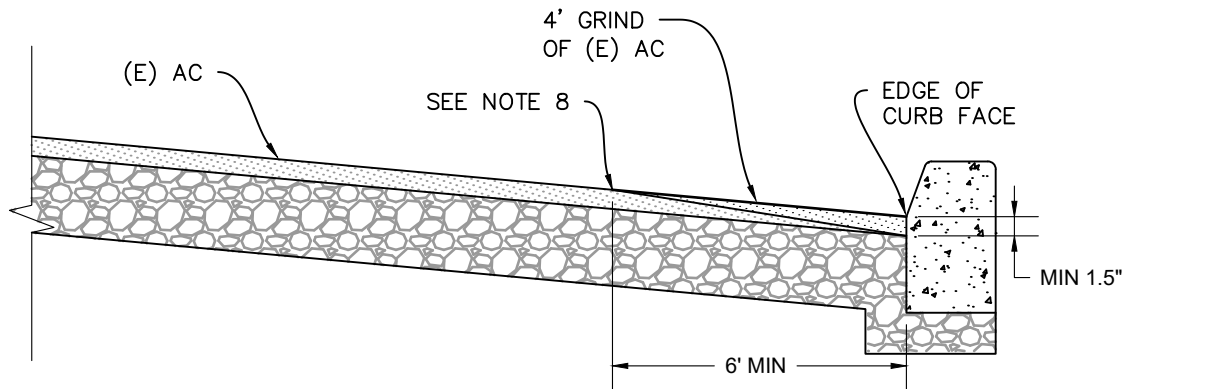
SHEAR-IN AT GUTTER

NOTES:

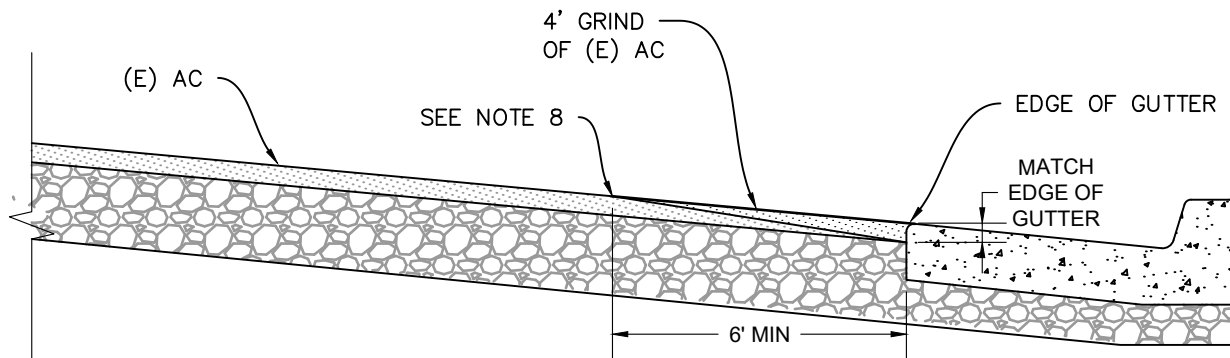
1. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
2. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
3. ASPHALT SHALL BE $\frac{1}{2}$ " TYPE-A HMA AS PER SECTION 39 OF THE CALTRANS STANDARD SPECIFICATIONS.
4. VERTICAL EDGES OF AC SHALL BE SWEEPED CLEAN AND BINDER SHALL BE APPLIED PRIOR TO PAVING.
5. SHEAR-IN WIDTH MAY BE ALTERED BY CITY ENGINEER.
6. RETROFIT MAY ADJUST TO MATCH FIELD CONDITIONS IF APPROVED BY ENGINEER.
7. INSPECTION OF FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 24 HOURS IN ADVANCE.
8. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.



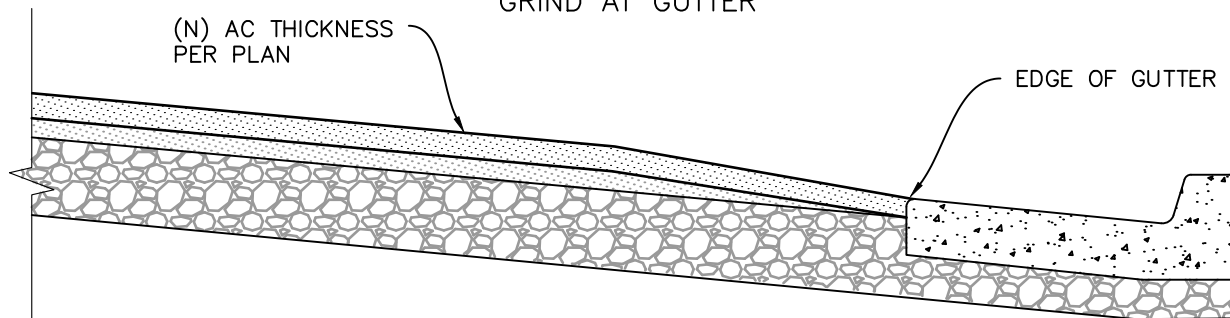
REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	DR	DFC	03/2023		
				ASPHALT SHEAR-IN	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-44



GRIND AT CURB



GRIND AT GUTTER



TYPICAL AC OVERLAY

NOTES:

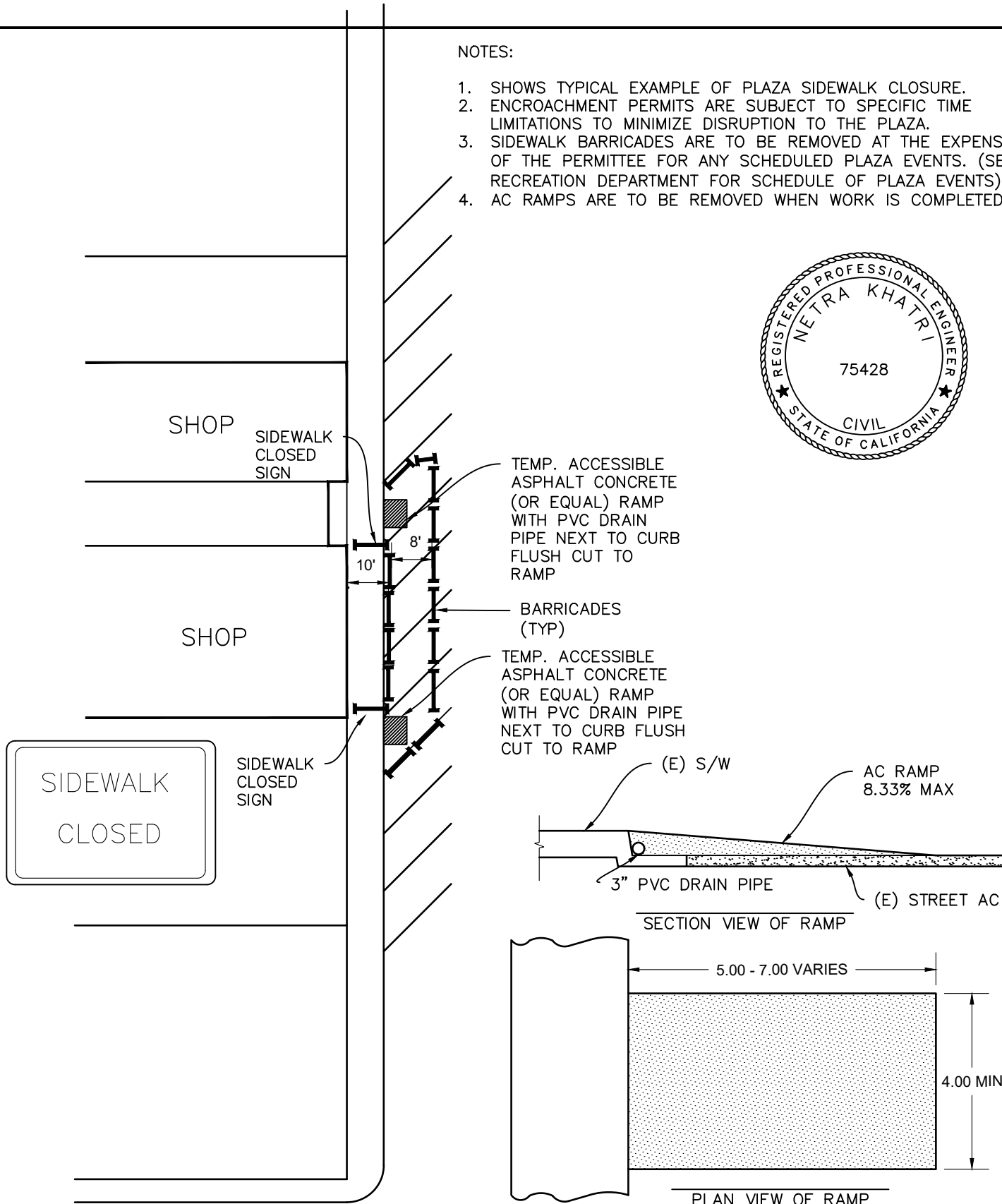
1. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
2. AGGREGATE BASE MATERIAL SHALL BE CALTRANS CLASS 2, MAX $\frac{3}{4}$ " AGGREGATE BASE, COMPACTED TO 95% RELATIVE COMPACTION.
3. ASPHALT SHALL BE $\frac{1}{2}$ " TYPE-A HMA AS PER SECTION 39 OF THE CALTRANS STANDARD SPECIFICATIONS.
4. VERTICAL EDGES OF AC SHALL BE SWEEPED CLEAN AND BINDER SHALL BE APPLIED PRIOR TO PAVING.
5. SHEAR-IN WIDTH MAY BE ALTERED BY CITY ENGINEER.
6. RETROFIT MAY BE ADJUSTED TO MATCH FIELD CONDITIONS IF APPROVED BY ENGINEER.
7. INSPECTION OF FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 24 HOURS IN ADVANCE.
8. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				GRIND OUT (EDGE CONFORM)	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-45

NOTES:

1. SHOWS TYPICAL EXAMPLE OF PLAZA SIDEWALK CLOSURE.
2. ENCROACHMENT PERMITS ARE SUBJECT TO SPECIFIC TIME LIMITATIONS TO MINIMIZE DISRUPTION TO THE PLAZA.
3. SIDEWALK BARRICADES ARE TO BE REMOVED AT THE EXPENSE OF THE PERMITTEE FOR ANY SCHEDULED PLAZA EVENTS. (SEE RECREATION DEPARTMENT FOR SCHEDULE OF PLAZA EVENTS).
4. AC RAMPS ARE TO BE REMOVED WHEN WORK IS COMPLETED.



REVISION	BY	APPROVED	DATE
UPDATE	DR	DFC	03/2023

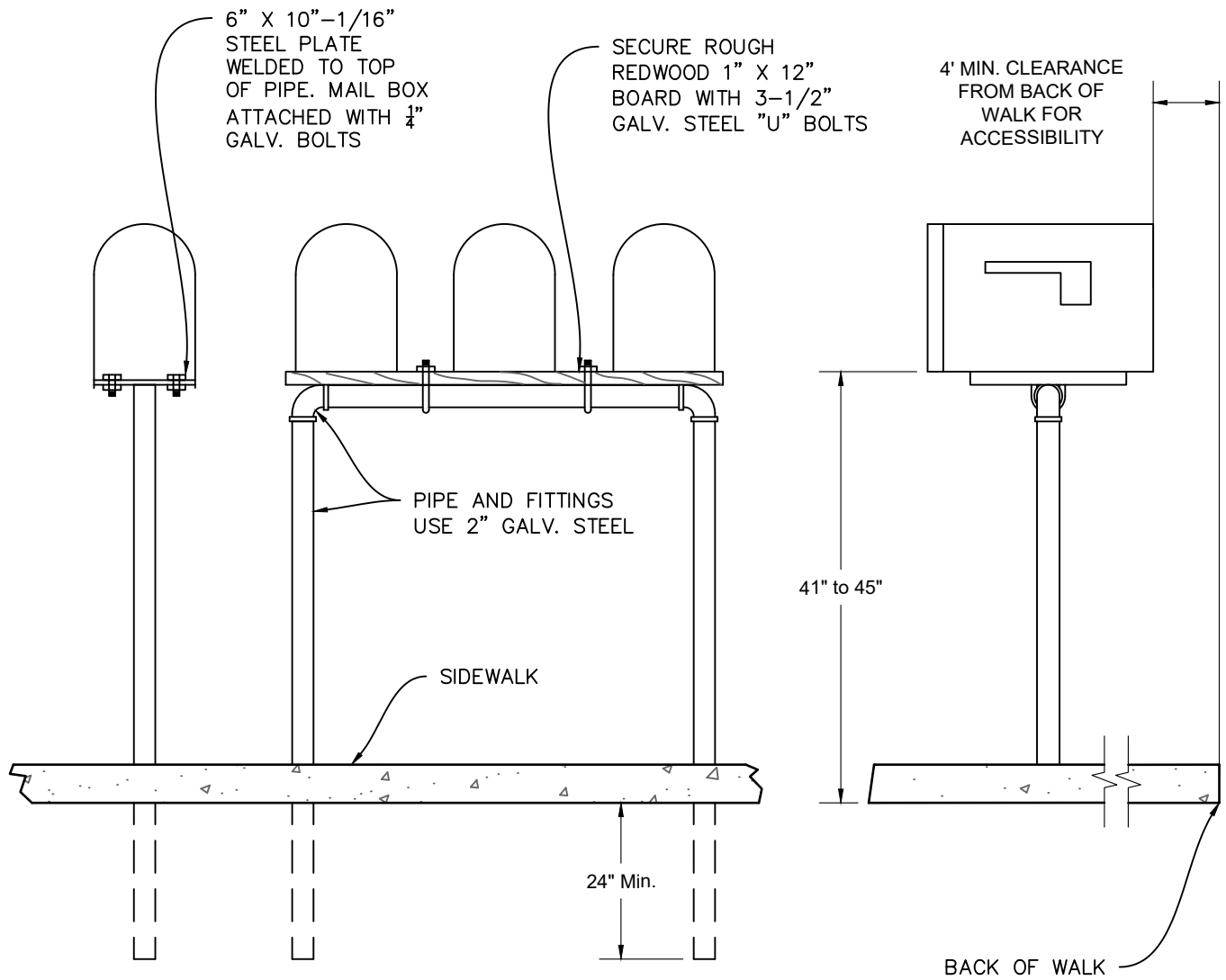
CITY OF ARCATA

PLAZA SIDEWALK CLOSURE

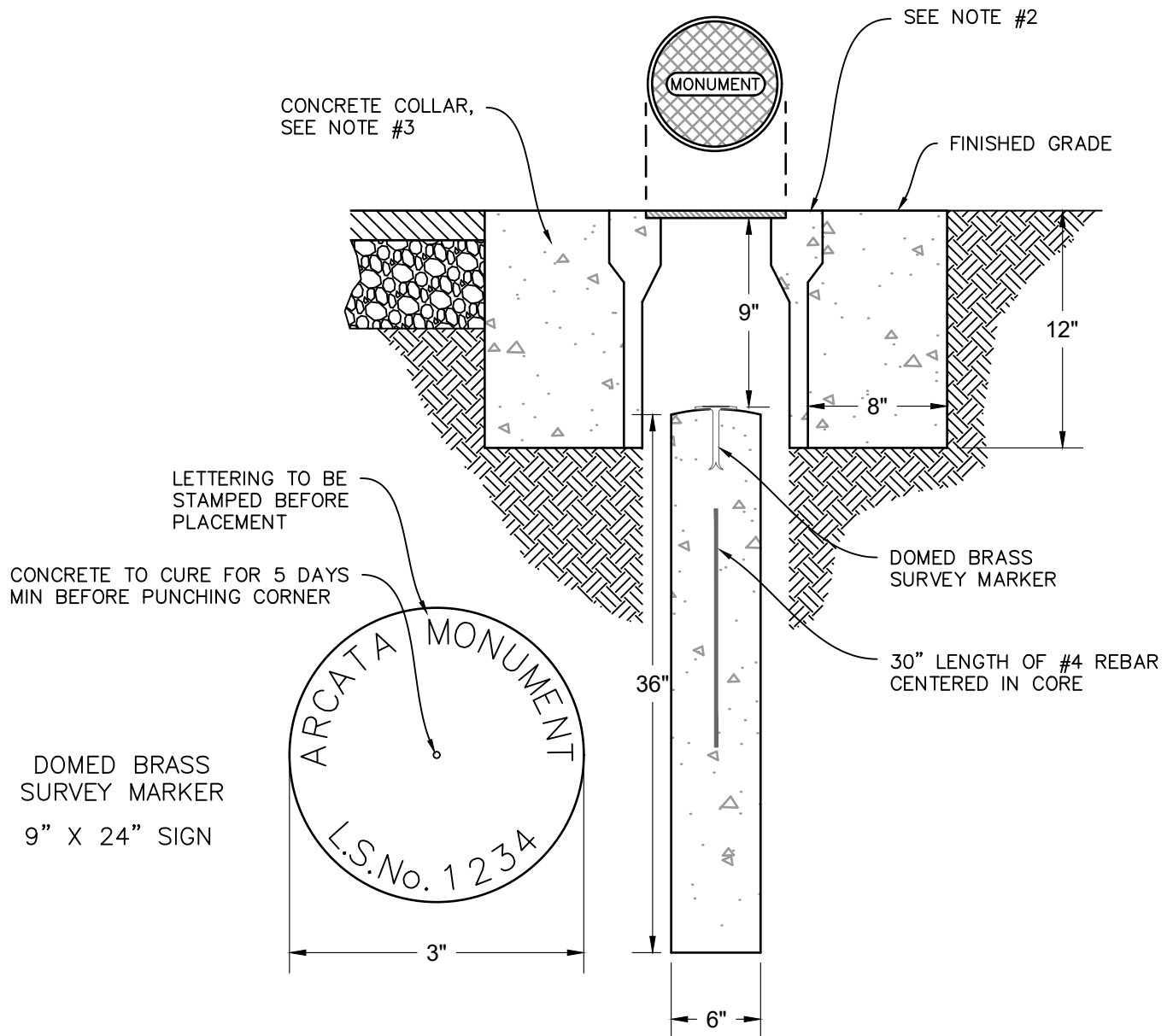
APPROVED BY:

N. B. KHATRI, R.C.E. #75428

DRAWING NUMBER ST-51A



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY: 
UPDATE	KLR	DFC	03/2023		
				MAIL BOX DETAILS	N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-55

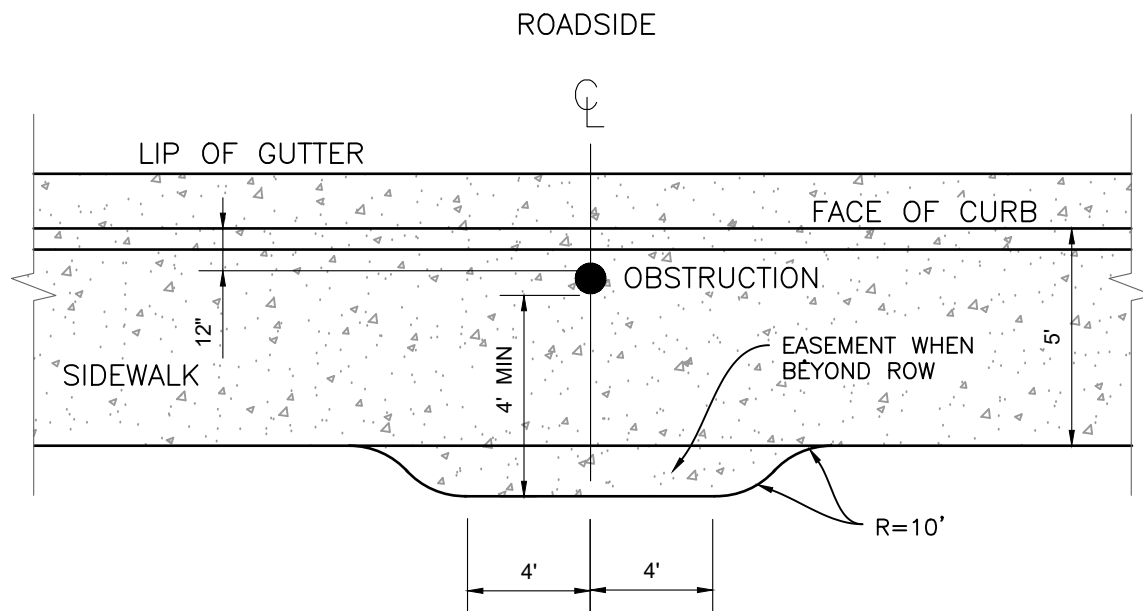


NOTES:

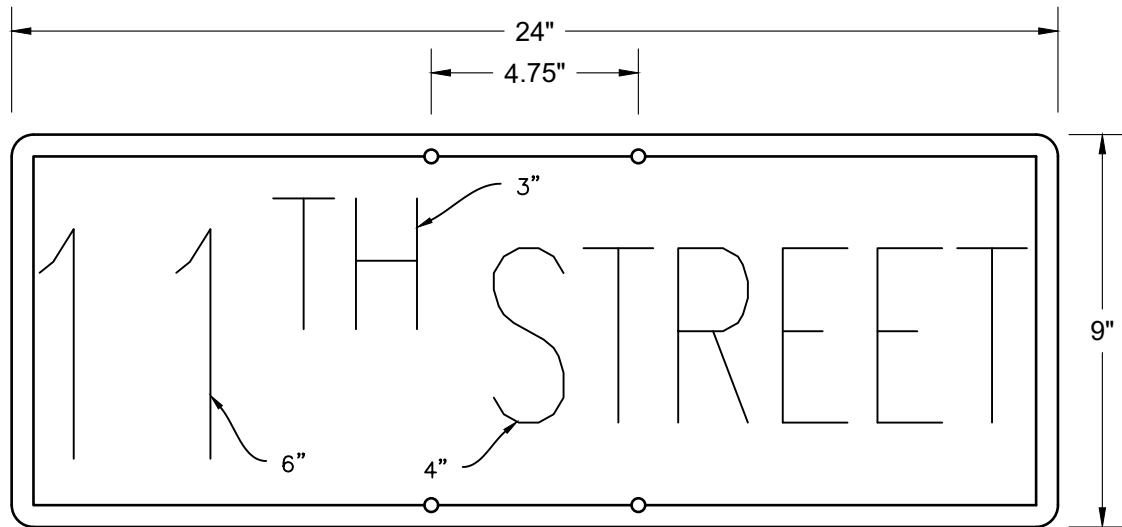
1. TOP OF CONCRETE CORE TO BE DOMED FOR WATER RUNOFF.
2. BOX AND LID AS PER CITY STD DTL "VALVE BOX", WITH LID STAMPED "MONUMENT".
3. ALL CONCRETE SHALL BE 520-C-2500 AS PER THE "GREENBOOK" STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
4. STEM OF SURVEY MARKER TO BE SHAPED TO LOCK INTO CONCRETE.
5. CONCRETE CORE TO BE INSTALLED ON UNDISTURBED NATIVE SOIL.
6. DESIGN SHALL CONFORM TO THESE REQUIREMENTS UNLESS OTHERWISE APPROVED BY CITY ENGINEER.
7. INSPECTION OF FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				CITY MONUMENT & BRASS SURVEY MARKER	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-60



REVISION	BY	APPROVED	DATE	CITY OF ARCATA TYPICAL SIDEWALK OBSTRUCTION	APPROVED BY: N. B. KHATRI, R.C.E. #75428
(ORIGINAL)	TWB	RCC	06/2005		
UPDATE	DR	DFC	03/2023		DRAWING NUMBER
					ST-70



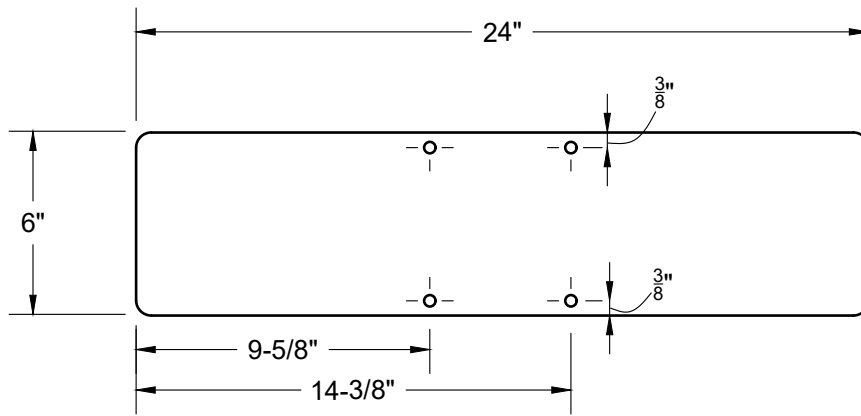
9" X 24" SIGN

NOTES:

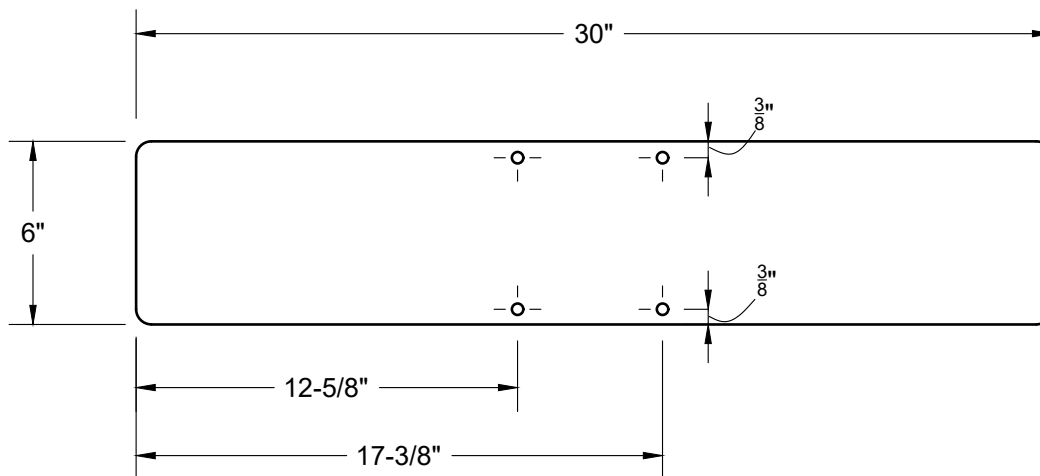
1. FLAT BLADE ALUMINUM:
0.125 GAGE
GREEN REFLECTIVE SHEETING (BOTH SIDES)
SIGN FACING SHALL BE 3M 1160 PROTECTIVE SHEETING
SHEETING VIP OR EQUAL
ALL SIGNS SHALL HAVE 3M 1160 PROTECTIVE SHEETING OR EQUAL
2. ALL CORNERS TO HAVE A $\frac{1}{2}$ " RADIUS.
3. ALL HOLES SHALL BE $\frac{3}{8}$ " DIAMETER AND CENTERED $\frac{1}{2}$ " FROM PLATE EDGE.
4. ALL HOLES SHALL BE $\frac{5}{16}$ " DIAMETER AND CENTERED $\frac{1}{2}$ " FROM PLATE EDGE.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				MAJOR STREET NAME SIGN	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST 90



6" x 24" BLANK



6" x 30" BLANK

NOTES:

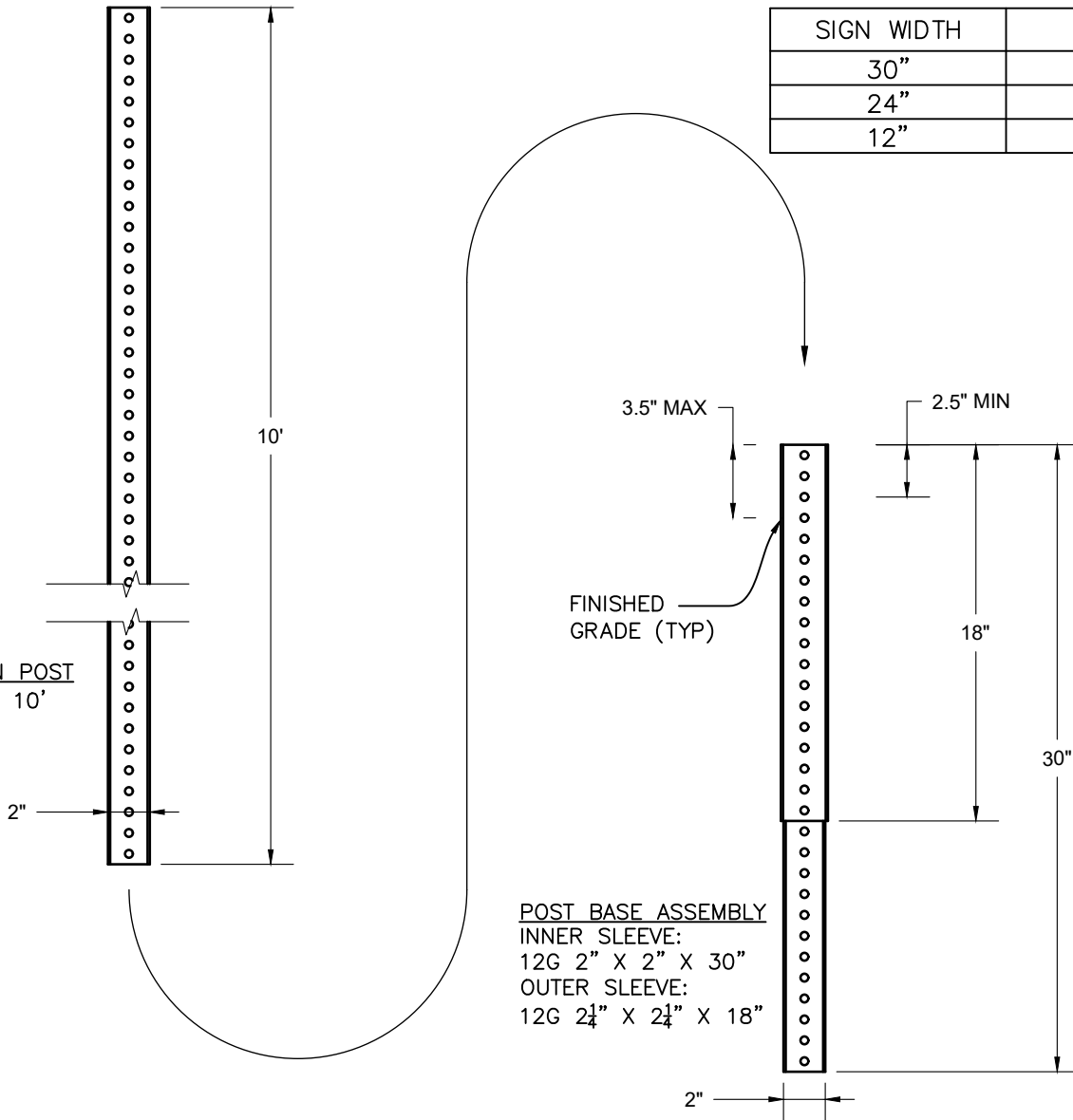
1. FLAT BLADE ALUMINUM:
0.125 GAGE
GREEN REFLECTIVE SHEETING (BOTH SIDES)
2. ALL CORNERS TO HAVE A $\frac{1}{2}$ " RADIUS.
3. ALL HOLES SHALL BE $\frac{3}{8}$ " DIAMETER.



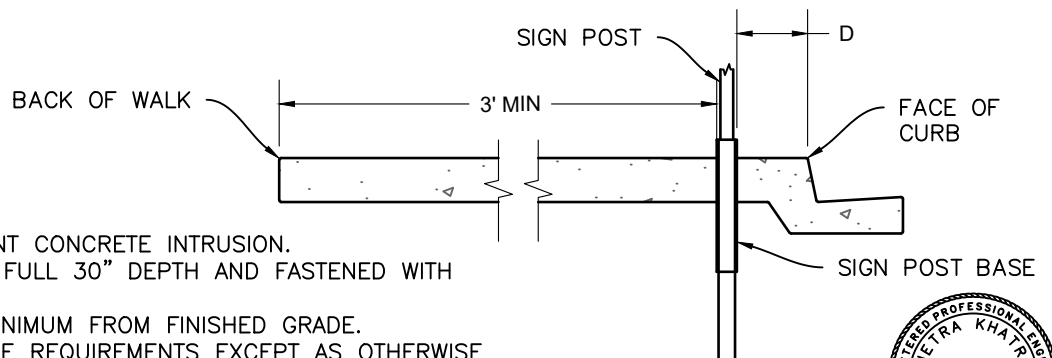
REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				STREET NAME BLANK	 N. B. KHATRI, R.C.E. #75428 DRAWING NUMBER ST-92

SIGN WIDTH	D
30"	15"
24"	12"
12"	8"

STREET SIGN POST
1½" X 1½" X 10'



POST BASE ASSEMBLY
INNER SLEEVE:
12G 2" X 2" X 30"
OUTER SLEEVE:
12G 2¼" X 2¼" X 18"

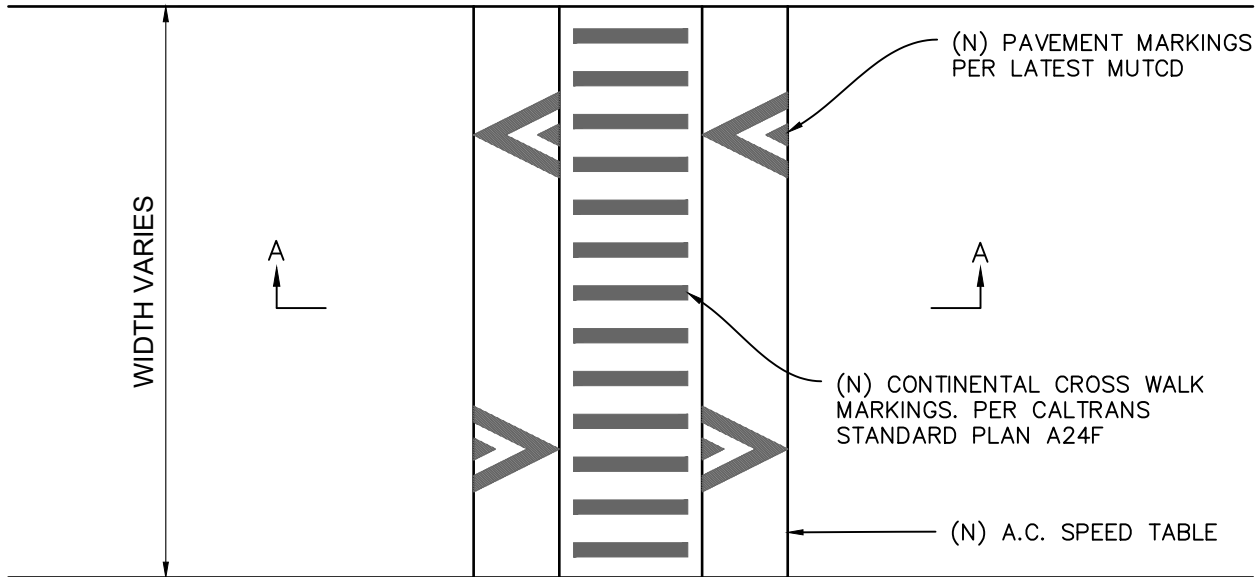


NOTES:

1. WRAP BASE ASSEMBLY TO PREVENT CONCRETE INTRUSION.
2. SIGN POST TO BE INSERTED THE FULL 30" DEPTH AND FASTENED WITH ALUMINUM DRIVE RIVET.
3. BOTTOM OF SIGN SHALL BE 7' MINIMUM FROM FINISHED GRADE.
4. DESIGN SHALL CONFORM TO THESE REQUIREMENTS EXCEPT AS OTHERWISE APPROVED BY THE CITY ENGINEER.
5. INSPECTION OF FORMS AND FINISHED WORK REQUIRED. SCHEDULE INSPECTION A MINIMUM OF 48 HOURS IN ADVANCE.

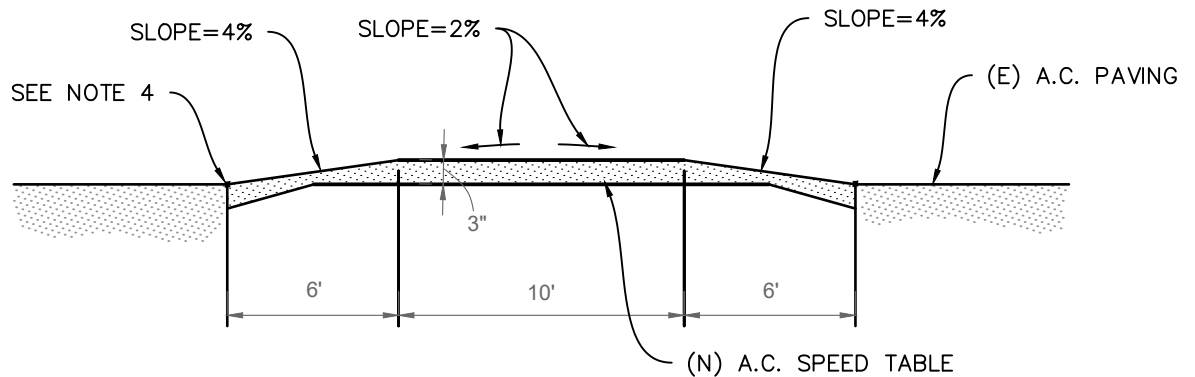


REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023	STREET SIGN POST BASE	
					N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-93



PLAN VIEW

N.T.S.



SECTION A-A

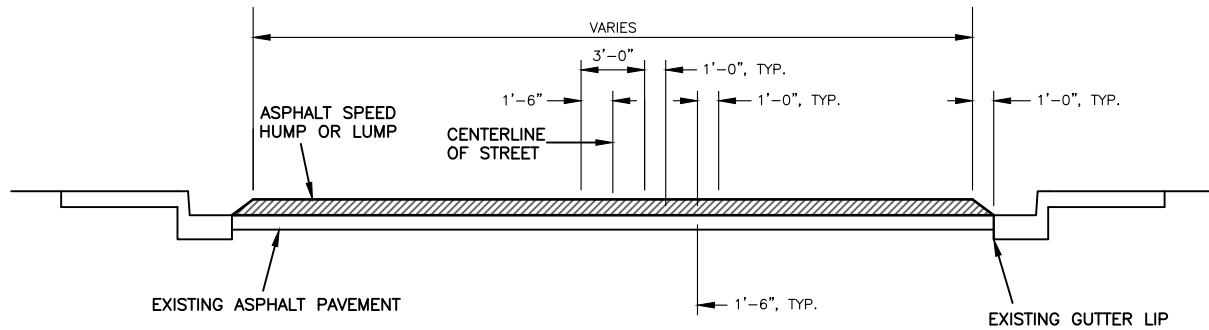
NOT TO SCALE
ELEVATION DISTORTED
FOR READABILITY

NOTES:

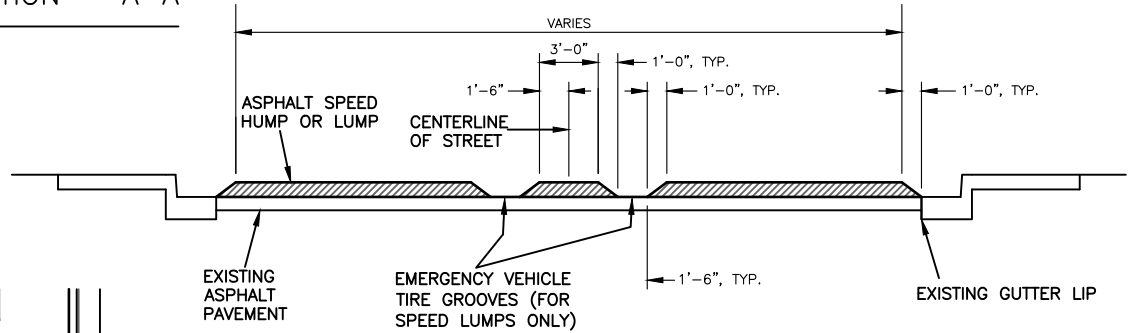
1. SIGNAGE AND MARKINGS PER LATEST MUTCD.
2. WHEN INSTALLING ON (E) PAVEMENT BEVEL GRIND TO 0.15' MIN. UNDER APPROACH SIDES OF RAMP
3. BEFORE INSTALLING, REFERENCE THE CITY OF ARCATA ENGINEERING DEPARTMENT POLICY REGARDING INSTALLATION OF SPEED TABLES, HUMPS AND LUMPS FOR RESIDENTIAL AND LOCAL STREETS.
4. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.



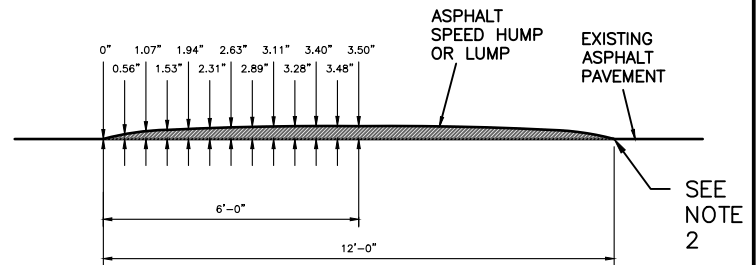
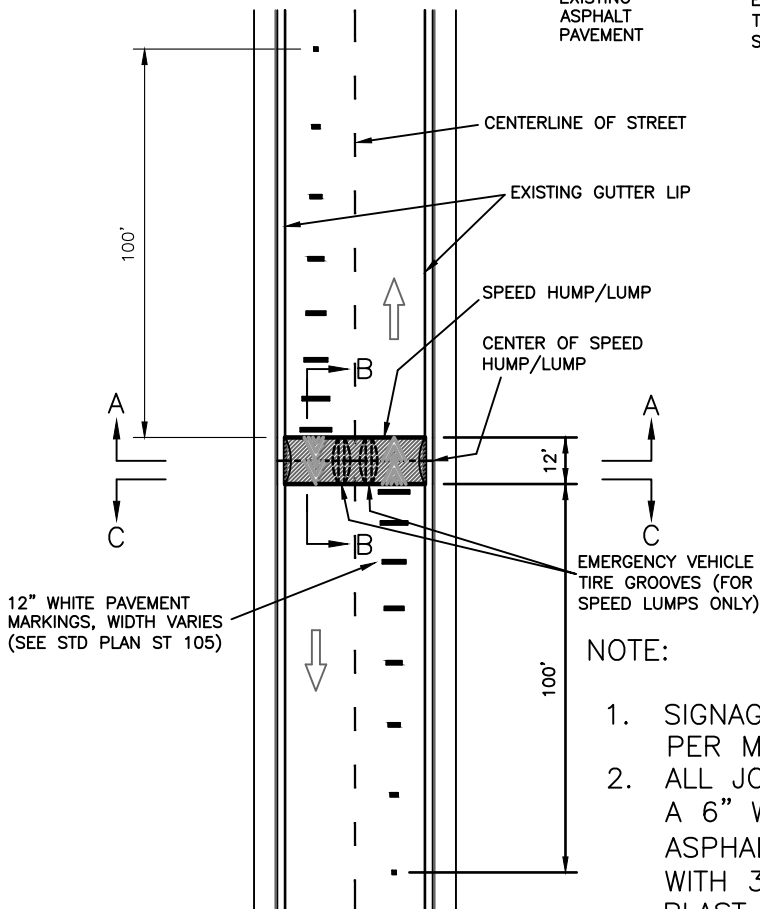
REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	KLR	DFC	03/2023		
				SPEED OR ELEVATED CROSSING TABLE	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST-103



SPEED HUMP SECTION - A-A
N.T.S.



SPEED LUMP SECTION - C-C
N.T.S.



SPEED HUMP SECTION - B-B
N.T.S.

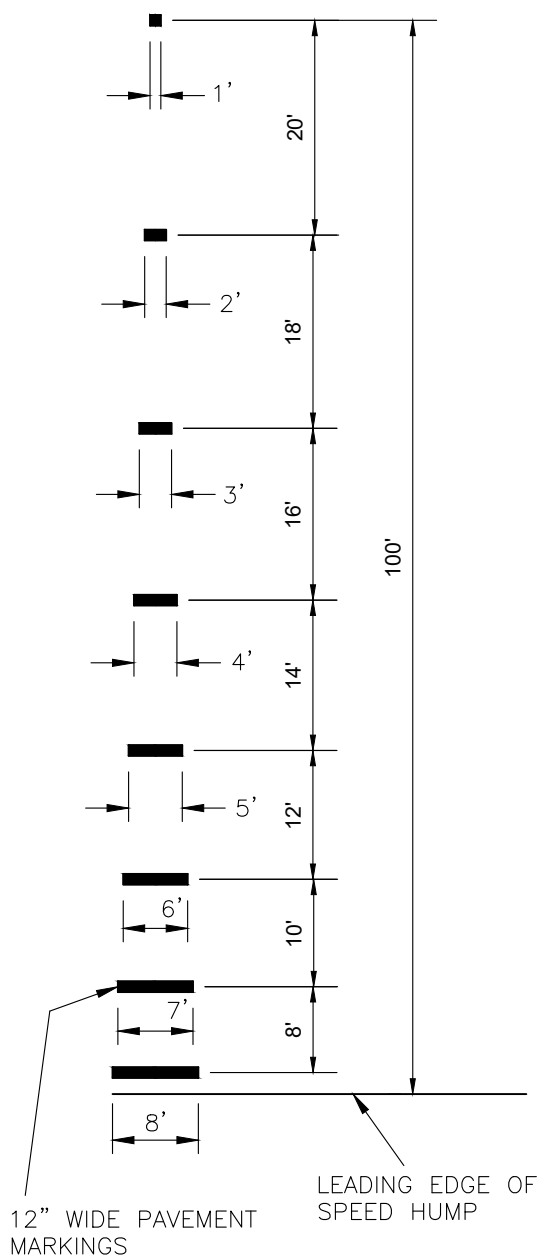
NOTE:

1. SIGNAGE AND MARKINGS PER MUTCD.
2. ALL JOINTS SHALL BE SEALED WITH A 6" WIDE STRIP OF EMULSIFIED ASPHALT (SS-1H) AND COVERED WITH 30-60 MESH FINE KLEEN BLAST.



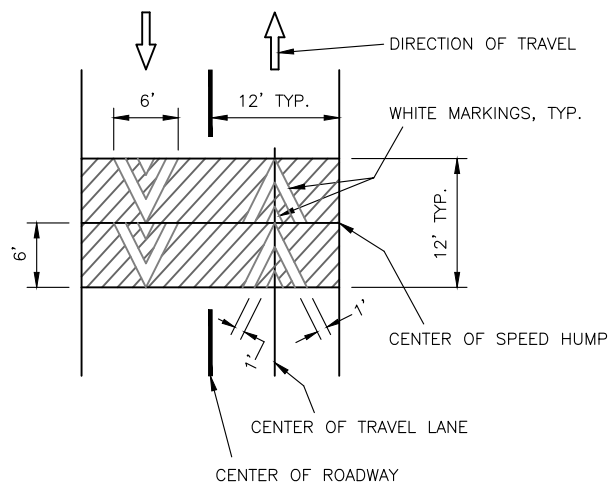
TYPICAL STREET WITH SPEED HUMP & ADVANCE WARNING MARKINGS - PLAN VIEW

REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	MA	DFC	03/2023		
				SPEED HUMP/LUMP	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER ST-104



SPEED HUMPH ADVANCE
WARNING MARKINGS

N.T.S.



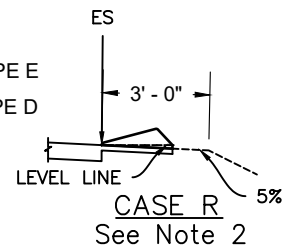
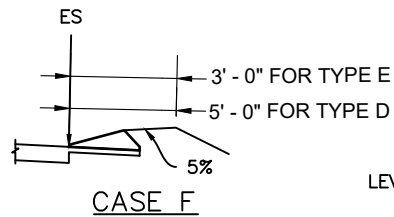
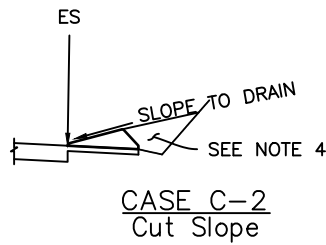
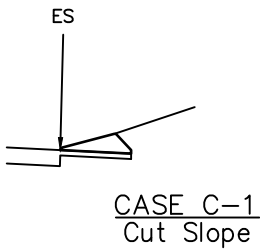
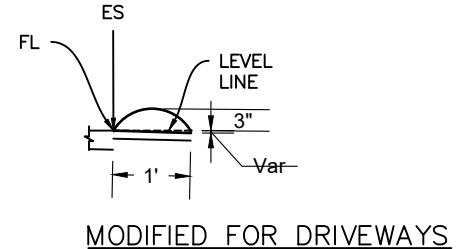
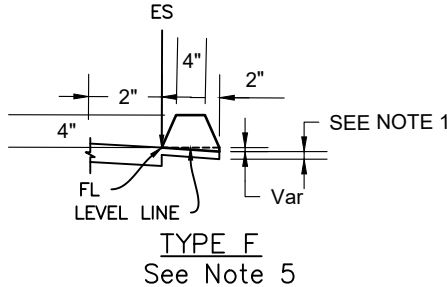
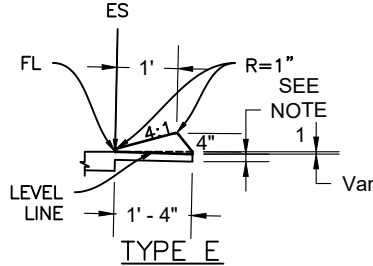
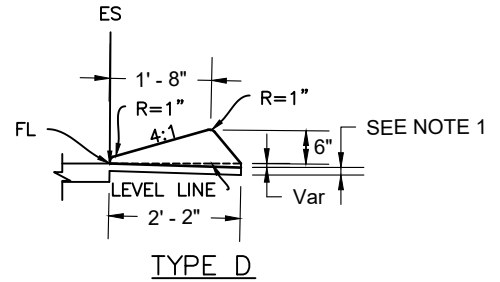
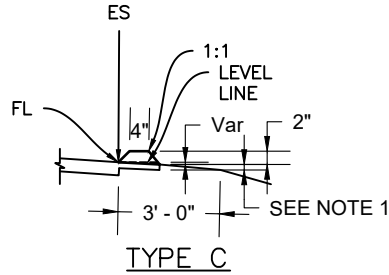
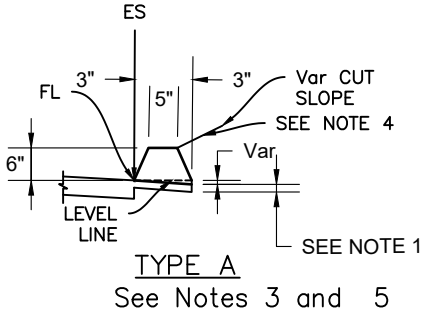
TYPICAL PAVEMENT
MARKINGS
FOR SPEED HUMPH

N.T.S.



REVISION	BY	APPROVED	DATE	CITY OF ARCATA	APPROVED BY:
UPDATE	MA	DFC	03/2023		
				SPEED HUMPH/LUMPH MARKINGS	 N. B. KHATRI, R.C.E. #75428
					DRAWING NUMBER
					ST-105

AC-CURBS



AC-CURB QUANTITIES

CUBIC YARDS
TYPE PER LINEAR FOOT

A	0.0135
C	0.0038
D	0.0293
E	0.0130
F	0.0066

QUANTITIES BASED ON 5%
CROSS SLOPE.

TYPE D AND E BACKFILL DETAILS

NOTES:

- FOR HMA SHOULDERS ONLY, EXTEND TOP LAYER OF HMA PLACED ON THE SHOULDER UNDER DIKE WITH NO JOINT AT THE ES. FOR PROJECTS WITH OGFC SHOULDERS, DO NOT EXTEND 4. OGFC UNDER AC-CURB. SEE PROJECT PLANS FOR MODIFIED AC-CURB DETAIL.
- CASE R APPLIES TO RETROFIT ONLY PROJECTS WHERE RESTRICTIVE CONDITIONS DO NOT PROVIDE ENOUGH WIDTH FOR CASE F BACKFILL.
- TYPE A AC-CURB ONLY TO BE USED WHERE RESTRICTIVE SLOPE CONDITIONS DO NOT PROVIDE ENOUGH WIDTH TO USE TYPE D OR TYPE E AC-CURB.
- FILL AND COMPACT WITH EXCAVATED MATERIAL TO TOP OF AC-CURB.
- USE TYPE A OR F AC-CURB, WHERE AC-CURB IS REQUIRED WITH GUARDRAIL INSTALLATIONS. SEE STANDARD PLAN A77N4 FOR AC-CURB POSITIONING DETAILS. SEE STANDARD PLAN A77N3 FOR HINGE POINT OFFSETS WITH GUARDRAIL.



REVISION	BY	APPROVED	DATE
UPDATE	JAK	DFC	04/2023

CITY OF ARCATA

HOT MIX ASPHALT CURBS

APPROVED BY:

Netra Khatri

N. B. KHATRI, R.C.E. #75428

DRAWING
NUMBER

ST-107