CITY OF VISTA

DRAWING STANDARDS

TABLE "A"
CITY OF VISTA
STREET DESIGN CRITERIA

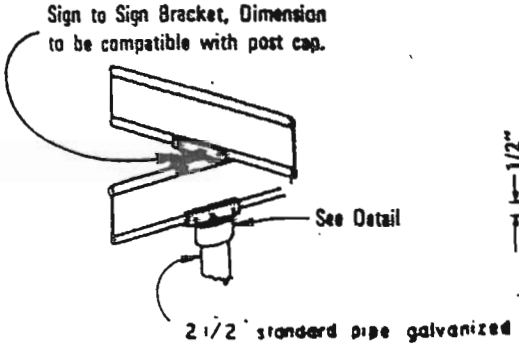
DESIGN CLASSIFICATION

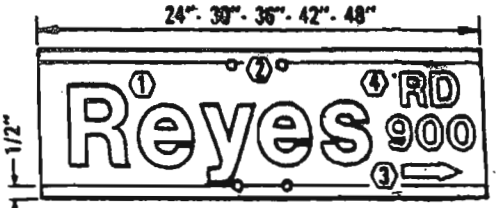
	Prime Artrl	Major Artrl "A"	Major Artrl "B"	Coll Rd	Minor Coll/ Indus	Local Coll	Local St	Cul de Sac	Hill side	Alley
ADT RANGES	50,000+	24,000/ 40,000+	24,000/ 40,000+	7,000+ 24,000	5,000 16,000	1,500 7,000	250 1,500	Up To 500	Up To 500	Up To 500
Design Speed	55 MPH	45 MPH	50 MPH	45 MPH	35 MPH	30 MPH	25 MPH	25 MPH	20 MPH	
Min.Spac Inters	1,200	750	750	600	300	300	150T other 200	150T other 200	*2 150	
Med Opening Spacing	600	500	500	-	-	-	-	-	-	-
Access to Adj Prop	None	Avoid Where Possible			OK	OK	OK	OK	OK	Limit Subj Appr
R/W	126'	100'	102'	84'	72'	60'	56'/ 52'*1	56'/ 52'*1	40'	-
Med Width	18'	-	14'	-	-	-	-	-	-	-
C-to-Curb Distance	106'	84'	86'	64'	52'	40'	36'/ 32'*1	36'/ 32'*1	28'	24'
Min.Traf Index	9.0	8.5	8.5	8.0	6/8	6.0	5.0	4.5	5.0	4.5
Min.Struc Sec *6	6"AC 6"AB	5"AC 6"AB	5"AC 6"AB	4"AC 6"AB	4"AC 6"AB	3"AC 6"AB	3"AC 6"AB	3"AC 6"AB	3"AC 4"AB	3"AC 4"AB
Stop Sght Distance	500	360	430	360	250	200	150	150	125	
Min.Horz Radius*5	1,800	1,100	1,400	1,100	600	425	300	300	150	100'
Max.Grade *3 & *4	7%	7%	7%	8%	10/7%	12%	12%	12%	15%	15%
Min.Grade	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%

Artrl = Arterial
Coll = Collector

3<LS>SDC

CITY OF VISTA STANDARD DRAWINGS





TYPICAL STREET NAME LAYOUT

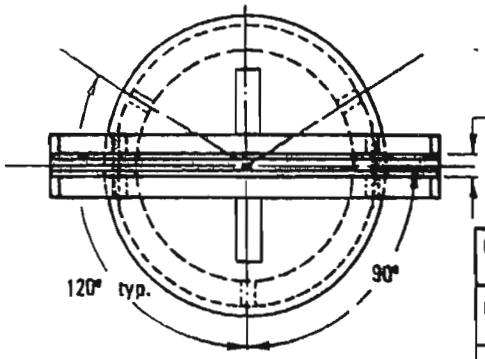
Typical layout of legend and border on variable length sign blade of extruded aluminum with reverse screened reflective sheeting engineering grade. White letters and border on green background. (For private streets- white letters & border on blue background)

① 5"–U.C., 3 3/4"–L.C.

② 4 11/16" spacing of two 11/32" holes centered on both top and bottom edge of blade to match holes in sign bracket assemblies.

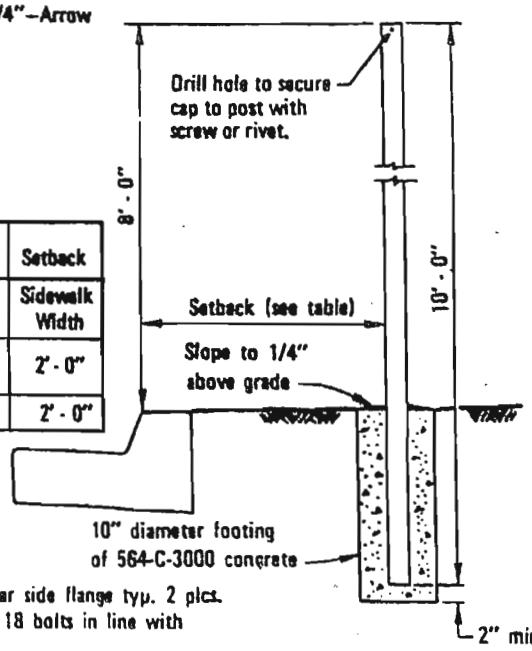
③ 2" x 2 3/4"–Arrow

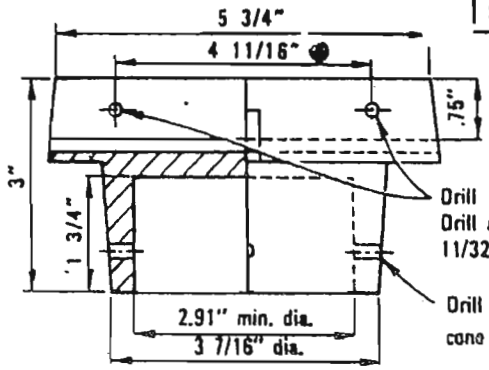
④ 2"–U.C.



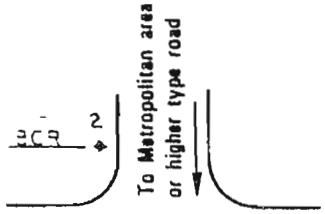
POST CAP DETAIL

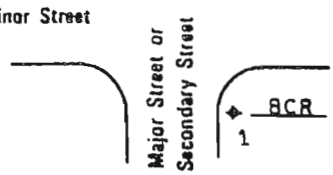
Curb and Sidewalk	Sidewalk Width	Setback
Contiguous	6" or less	Sidewalk Width
Contiguous	more than 6"	2' - 0"
Separate	——	2' - 0"





HALF–SECTION DETAIL





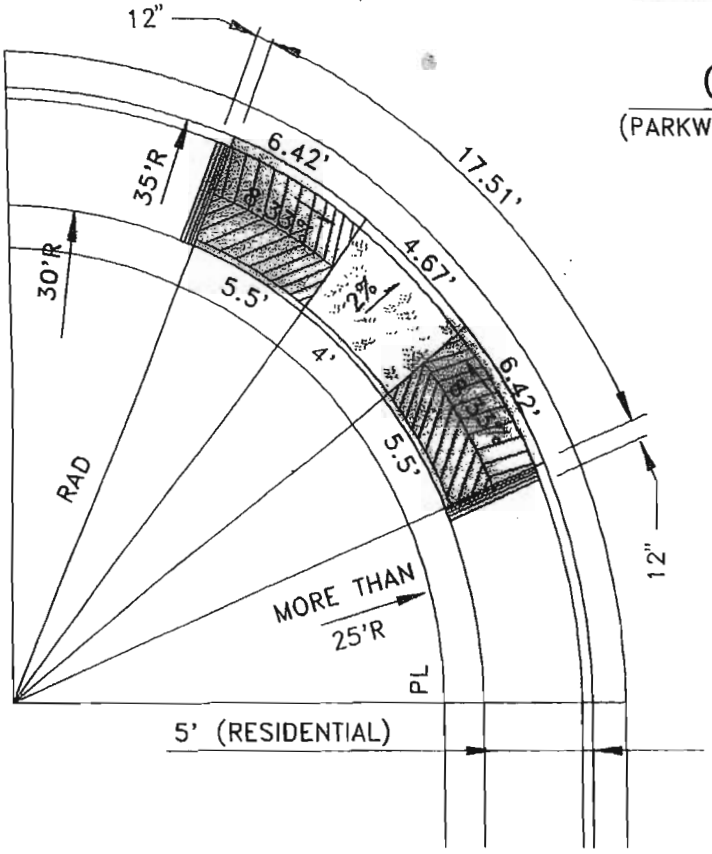
STREET NAME SIGN LOCATION
(numbers indicate priority of location selection)

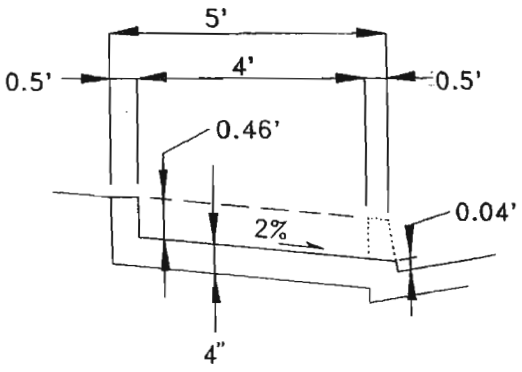
NOTES

1. ④ denotes 4 11/16" spacing shall match the holes in the extruded blades.
2. Bracket to be die cast aluminum.
3. All attaching screws shall be vandal proof type.

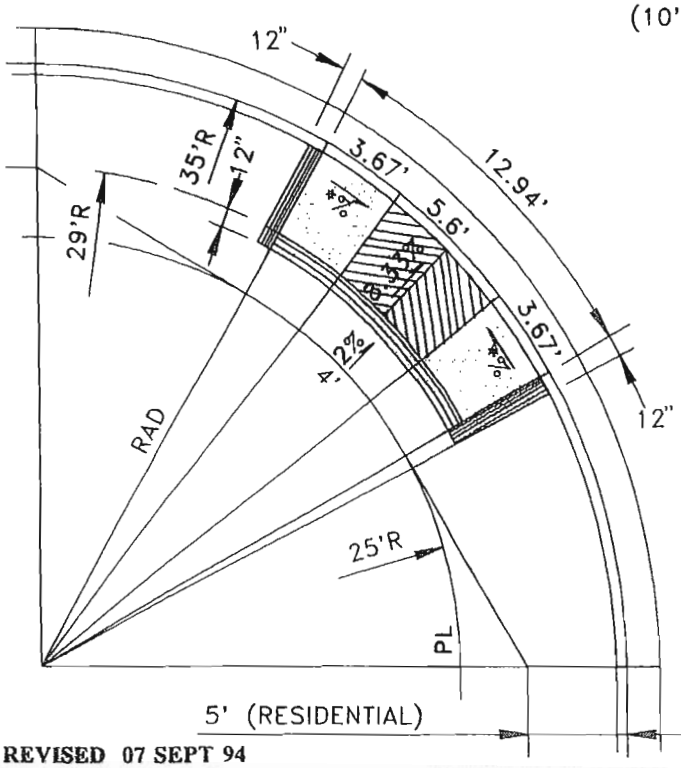
APPROVED R.C.E. DATE	CITY OF VISTA STANDARD DRAWING	SCALE: not to scale
SHEET 1 OF 1	STREET SIGN	DRAWING NUMBER 1

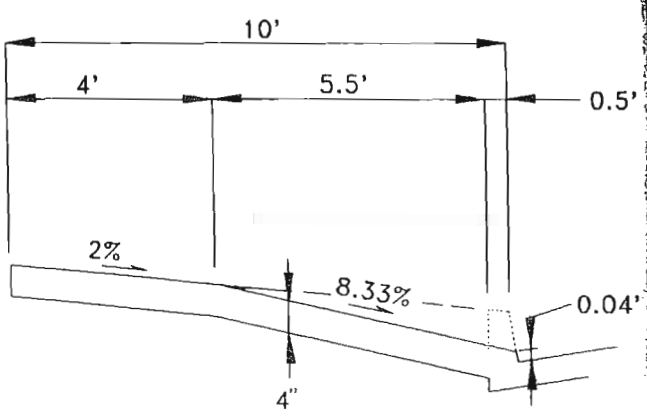
CASE A
(PARKWAY LESS THAN 10;)





CASE B
(10' PARKWAY)





* 12.5% MAXIMUM

** THIS PLAN IS TO BE USED IN CONJUNCTION WITH DRAWING NO. NSP A88 & NSP A89 OF THE CALTRANS STANDARD PLANS DATED JULY 1992, AND DRAWING NO. G-32 OF THE SAN DIEGO REGIONAL STANDARD DRAWINGS DATED SEPTEMBER 1992.

REVISED 07 SEPT 94

CITY ENGINEER: R.C.E. 36617 DATE: 8-7-91	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 2
SCALE: N.T.S. file='CVDWG2.DWG'	HANDICAP RAMP	DRAWING NUMBER: 2

GENERAL NOTES FOR WHEEL CHAIR RAMPS

1. IF THE SIDEWALK IS LESS THAN 5' WIDE, THE FULL WIDTH OF THE SIDEWALK SHALL BE DEPRESSED AS SHOWN IN CASE A.

2. THE BOTTOM OF THE RAMP SHALL HAVE A 1/2" LIP AT 45°.

3. THE SIDEWALK AND THE RAMP THICKNESS SHALL BE 4".

4. THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" O.C.

   SEE THE GROOVING DETAIL. THE SURFACE OF THE RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK EXCEPT WHEN LOCATED IN THE CENTER OF THE CURB RETURN.

5. WHEN THE RAMP IS LOCATED IN THE CENTER OF THE CURB RETURN, IT SHALL BE GROOVED IN A HERRINGBONE PATTERN WITH 1/4" GROOVES APPROXIMATELY 1-1/2" O.C. SEE THE GROOVING DETAIL. THE GROOVES SHOULD BE ALIGNED PARALLEL TO THE CROSSWALK STRIPES TO DIRECT BLIND PEDESTRIANS INTO APPROPIATE CROSSWALK.

6. RAMP SIDE SLOPES VARIES UNIFORMLY FROM A MAXIMUM OF UP TO 12.5% OF CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP, EXCEPT IN CASE A.

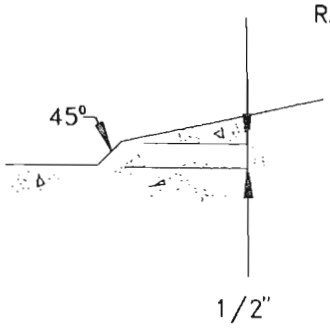
7. RETROFITS – WHEN A WHEEL CHAIR RAMP IS ADDED TO AN EXISTING FACILITY, THE FOLLOWING CHANGES ARE PERMITTED:

   A) RAMP GRADE IN CASE A MAY BE INCREASED TO 4%.

   B) OTHER RAMP GRADES MAY BE INCREASED TO A MAXIMUM OF 11.1% (NEVERTHELESS, THEY SHOULD BE AS FLAT AS FEASIBLE).

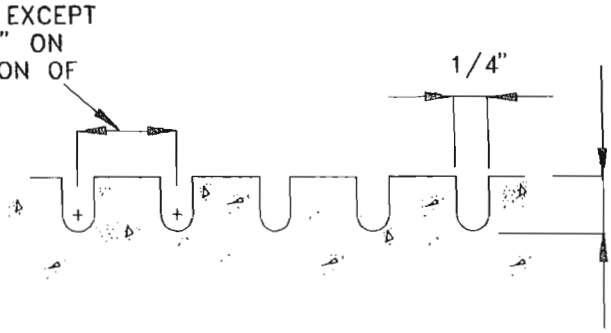
   C) WHERE THE 4' PLATFORM IS NOT FEASIBLE, THE WIDTH MAY BE DECREASED TO 3'.

   D) THE PLATFORM MAY BE ELIMINATED IF THE GRADE DOES NOT EXCEED 8.33%.



LIP DETAIL

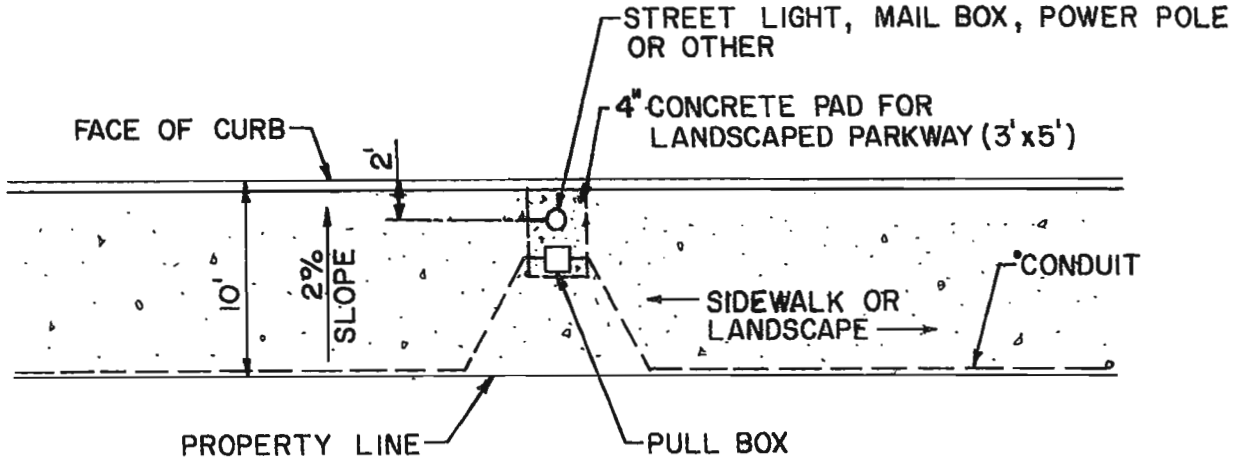
(SEE NOTE 2) NTS



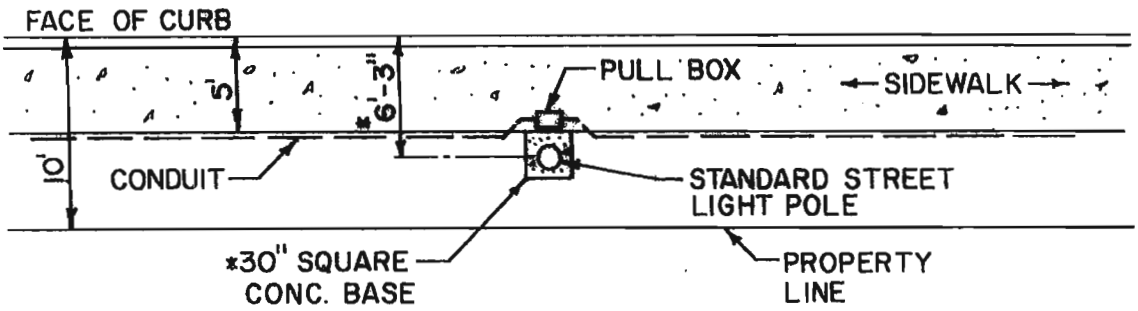
GROOVING DETAIL

NTS

CITY ENGINEER R.C.E. 36619 DATE: 8-7-91	CITY OF VISTA STANDARD DRAWING	SHEET 2 OF 2
SCALE: N.T.S. file='CVDWG2.DWG'	HANDICAP RAMP	DRAWING NUMBER: 2



CASE 1
FULL WIDTH OR NO SIDEWALK



CASE 2
5' SIDEWALK CONTIGUOUS TO CURB

NOTES: * 1. STREET LIGHT LOCATION MUST BE STAKED PRIOR TO TRENCHING FOR INSTALLATION OF ELECTRIC, GAS, TELEPHONE, & CABLE CONDUITS.

2. STREET LIGHT MUST BE PLACED PRIOR TO SIDEWALK BEING CONSTRUCTED.

3. TYPE CONCRETE, FINISH & COMPACTION PER S.D.R.S.D. NO. G-7 & G-9.

4. CAUTION! IRRIGATION SYSTEM MAY CONFLICT WITH STREET LIGHT CONDUIT.

•REV. 4-22-91
*REV. 3-28-91

36617 8-30-90 APPROVED R.C.E. DATE	CITY OF VISTA STANDARD DRAWING	SCALE: 1" = 10'
SHEET 1 OF 1	STREET LIGHT LOCATION	DRAWING NUMBER 3

CITY OF VISTA STREET LIGHT SPECIFICATIONS

POLES:

Residential Streets
Ameron 2C2-23A6, 2C2-23A8 (27'-3" mounting height),
Marbelite 1023-K6, 1023-K8 (27'-0" mounting height), or approved equal.

For pole behind sidewalk, use 8' arm.

Collector and Arterial Streets
Ameron 6C1-23F8 (29'-9" mounting height),
Marbelite 65D-8 (29'-9" mounting height), or approved equal.

Ameron pole products may be ordered at 15375 Barranca Pkwy, Ste J-104, Irvine, California 92418, (714) 727-9390.

Marbelite poles manufactured by Pacific Union Metal Co., 2320 Dominquez Street, Long Beach, California 90801.

PROTECTIVE COATING: *

All poles shall be provided with a clear, factory applied protective acrylic coating.

POLE LOCATIONS:

- 2'-0" from face of curb to centerline of pole for 10' sidewalk or no sidewalk
- 6'-3" from face of curb to centerline of pole for 5' contiguous sidewalk. See City Standard Drawing No. 3 for pull box location and sidewalk condition at street light standard.

FOUNDATIONS:

Per SDRS Drawings E-1 and E-2. Anchor base foundation only. For E-2 use No. 2 for ground wire; No ground rod.

PULL BOXES:

Brooks No. 3-1/2, or approved equal, located at the end of the conduit run and 3' from SDG&E feed point, and 5' clear of curb face. Pull box covers to be marked, "Street Lighting" on concrete pad.

CONDUIT:

1 inch PVC, schedule 40 or larger, 24" minimum sweep radius. Maximum run length: 150 feet. For runs over 150 feet, additional #5 pull boxes will be required. Conduit to have 30" minimum cover. Install per SDRS M-15, if joint trench.

CONDUCTOR:

All copper wire, no direct burial cable, #10 wire minimum. All street light systems shall be provided with 110--120V service. * Revised 6-1-94

CITY ENGINEER R.C.E. DATE: 5-25-94	CITY OF VISTA STANDARD DRAWING	SHEET 1 of 3
SCALE: N.T.S	STREET LIGHT	DWG. No. 4

CITY OF VISTA - STREET LIGHT SPECIFICATIONS

LUMINAIRES:

Fixtures shall be either American Electric SRP 13LD1MD-C1, American Electric SRX 55LD1MD-C1, or City Approved equal with injection molded prismatic lense refractor with a thickness of not less than 0.10" for 55 watt luminaires and a thickness of not less than 0.15" for 135 watt luminaires.

Lamp Size:	Normal Lamp Watts	Minumum Lumens (100 hrs)
Residential Street	55 Watts	8,000 Lumens
Collector & Arterial Streets	135 Watts	22,500 Lumens

Light Distribution: Light Distribution for 55 watt luminaires shall be IES Type III - short - non-cutoff, or as approved by the City Engineer

Light Distribution for 135 watt luminaires shall be IES Type IV - medium - semi-cutoff, or as approved by the City Engineer

LAMPS:

Lamps shall be either OSRAM NA135, OSRAM NA55 or GEC low pressure sodium with an average rated life of 18,000 hours, internally fused for ballast protection and have a lumin maintenance factor over average rated life of 95% or better. Lamps shall have a 90% survival rate at 10,000 hours.

IMPROVEMENT PLANS:

Prior to acceptance and energizing the lighting system the developer or his/her engineer shall furnish the following:

A. As Built Drawing — The developer or his/her engineer shall furnish the City with reproducible drawings showing schematically the "as built" drawing which shall include all of the

1. Lamp(s) size(s) and number of units.
2. Power source - location & identification.
3. Distances between power source, pull boxes, lighting units and other appurtenant structures.
4. Conduit(s) size(s) - material wire - gage - type.
5. Contractors name, phone, and address.
6. Identifying project number. (i.e. V.T. - T.P.M. - S.D.P. - Dwg.)

APPROVED R.C.E. 9417 DATE 1-15-85	CITY OF VISTA STANDARD DRAWING	SCALE: not to scale
SHEET 2 OF 3	STREET LIGHT	DRAWING No. 4

CITY OF VISTA - STREET LIGHT SPECIFICATIONS

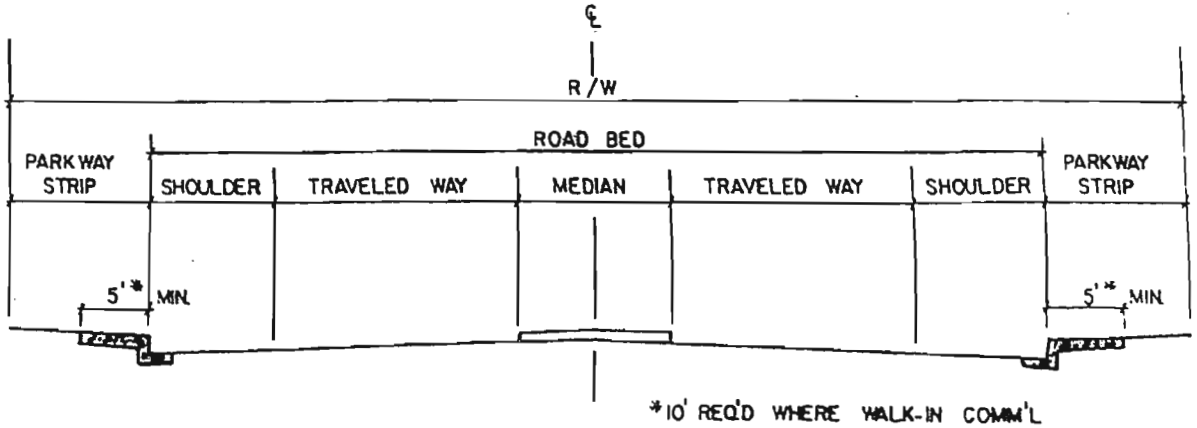
B. Energizing Fee — The developer shall pay the City the equivalent of the cost of one years energy and maintenance for each new light added to the system. The Engineering Department should be contacted to determine the amount. Lights will not be energized until "as built" drawings are furnished and energizing fees are paid.

Incomplete submittals will not be accepted.

E Riddle 9417 1-15-85 APPROVED R.C.E. DATE	CITY OF VISTA STANDARD DRAWING	SCALE: - not to scale
SHEET 3 OF 3	STREET LIGHT	DRAWING No. 4

TYPICAL ROADWAY SECTION

SYMMETRICAL ABOUT CENTERLINE



*10' REQ'D WHERE WALK-IN COMM'L ACTIVITY WILL OCCUR.

TYPE OF ROAD OR STREET	R/W	ROADBED	TRAVELED WAY	SHOULDER	MEDIAN	PARKWAY STRIP	NOTES
PRIME ARTERIAL	126'	106'	36'	8'	18'	10'	A
ARTERIAL "A"	100'	84'	36'	8'	0'	8'	
ARTERIAL "B"	102'	86'	36'	0'	14'	8'	B
COLLECTOR	84'	64'	24'	8'	0'	10'	
TAYLOR - FOOTHILL - WARMLANDS	80'	58'	24'	5' C	0'	11'	D
RESIDENTIAL	60'	40'	12'	8'	0'	10'	
MINOR RESIDENTIAL	56'	36'	11'	7'	0'	10'	E

NOTES:

A. SOUTH MELROSE DR. South of SUNSET DR. only.

B. SYCAMORE AVE. (all).

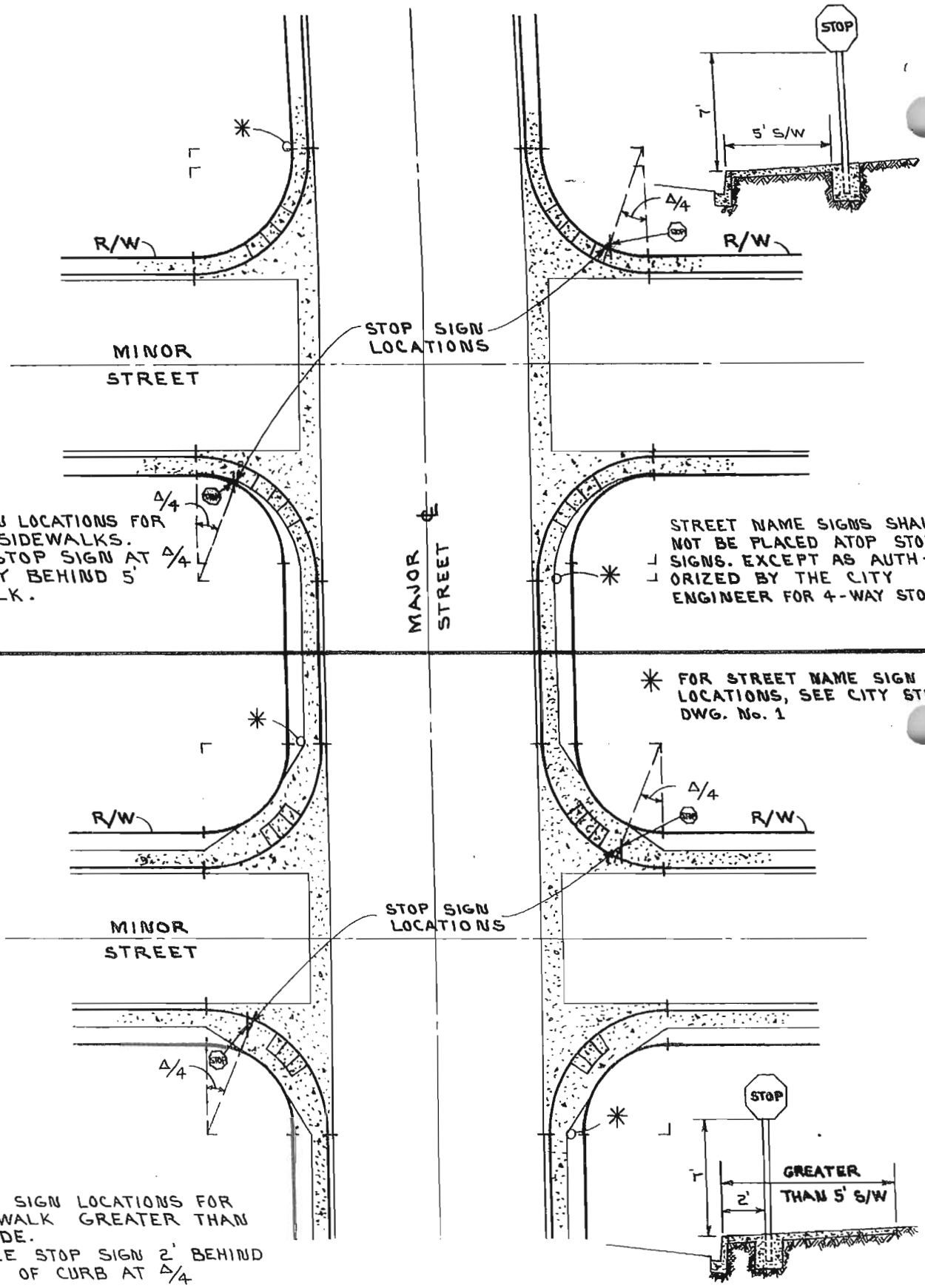
C. BIKE LANE.

D. ROLLED CURB only. (S.D.A.R.S. STD. DWG. G4.1)

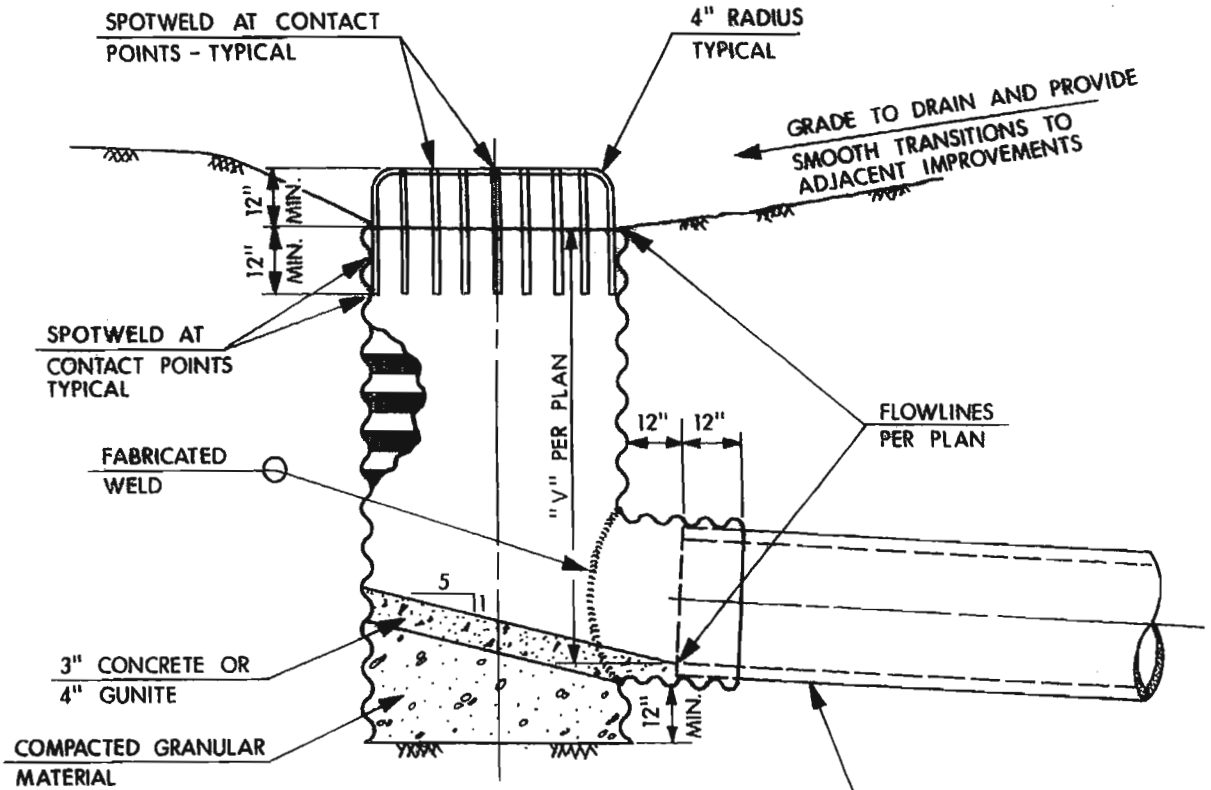
E. TRAFFIC VOLUME from 150 Dwelling Units or less.

ADOPTED BY THE VISTA CITY COUNCIL
BY POLICY 84-1 (AMENDED); DATED FEB. 12, 1985.

Riddle 9417 3-5-85 APPROVED R.C.E. DATE	CITY OF VISTA STANDARD DRAWING	SCALE: not to scale
SHEET 1 of 1	TYPICAL ROADWAY SECTION	DRAWING No. 5



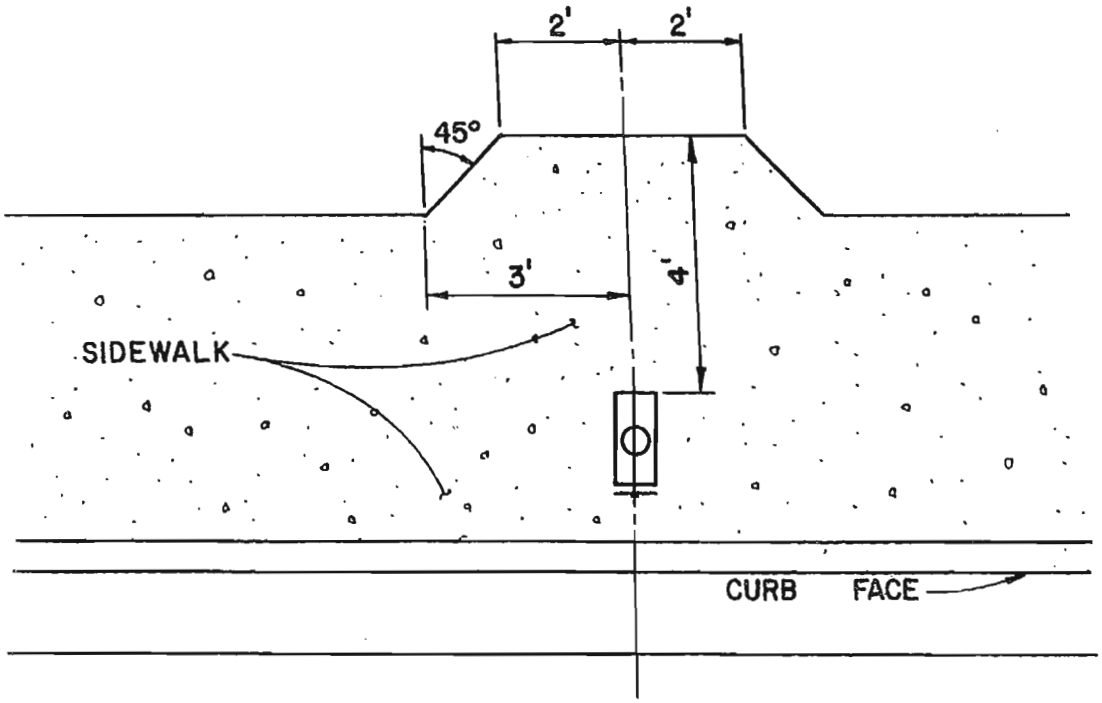
APPROVED Riddell 9417 R.C.E. 5-23-85 DATE	CITY OF VISTA STANDARD DRAWING	SCALE: NOT TO SCALE
SHEET 1 of 1	STOP SIGN LOCATION	DRAWING No. 6



DROP INLET TABLE	
R.C.P. Size	C.S.P. Outlet
18"	24"
24"	30"
30"	36"

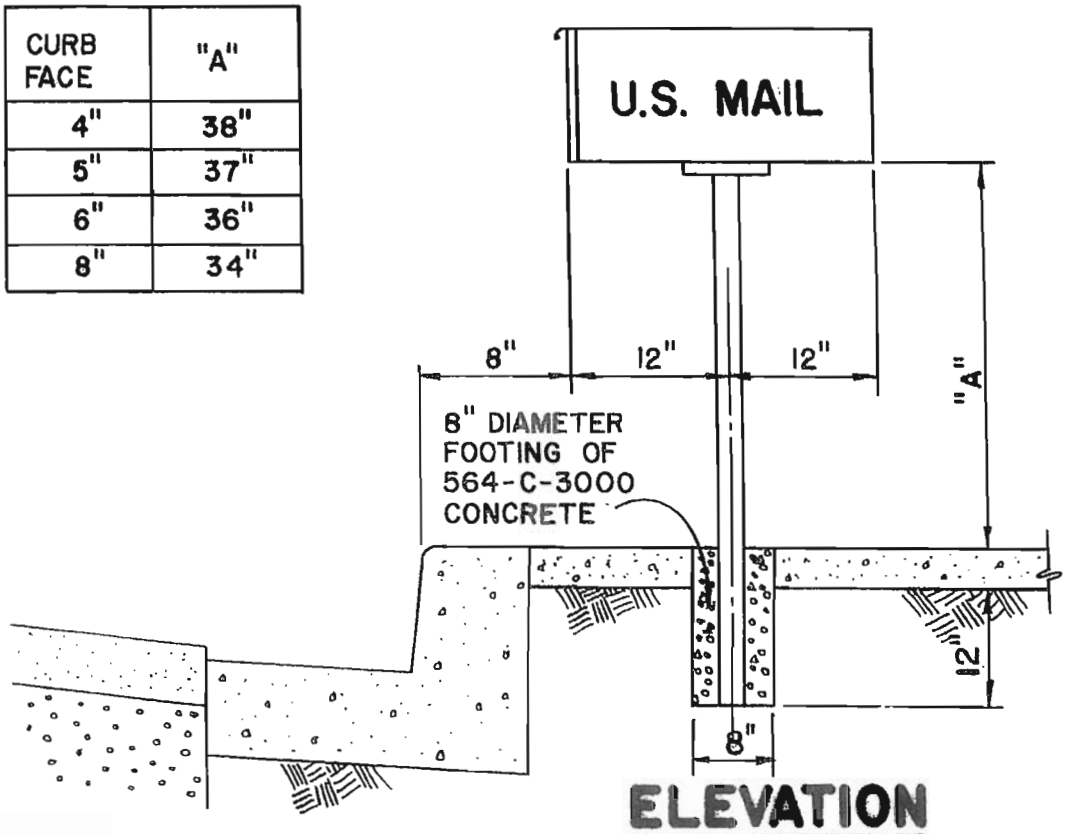
LEGEND ON PLANS

APPRD. R.C.E. 36617 DATE 1-18-96	CITY OF VISTA STANDARD DWG.	SCALE: NOT TO SCALE
SHEET 1 OF 1	C.S.P. DROP INLET	DRAWING NO. 7



PLAN

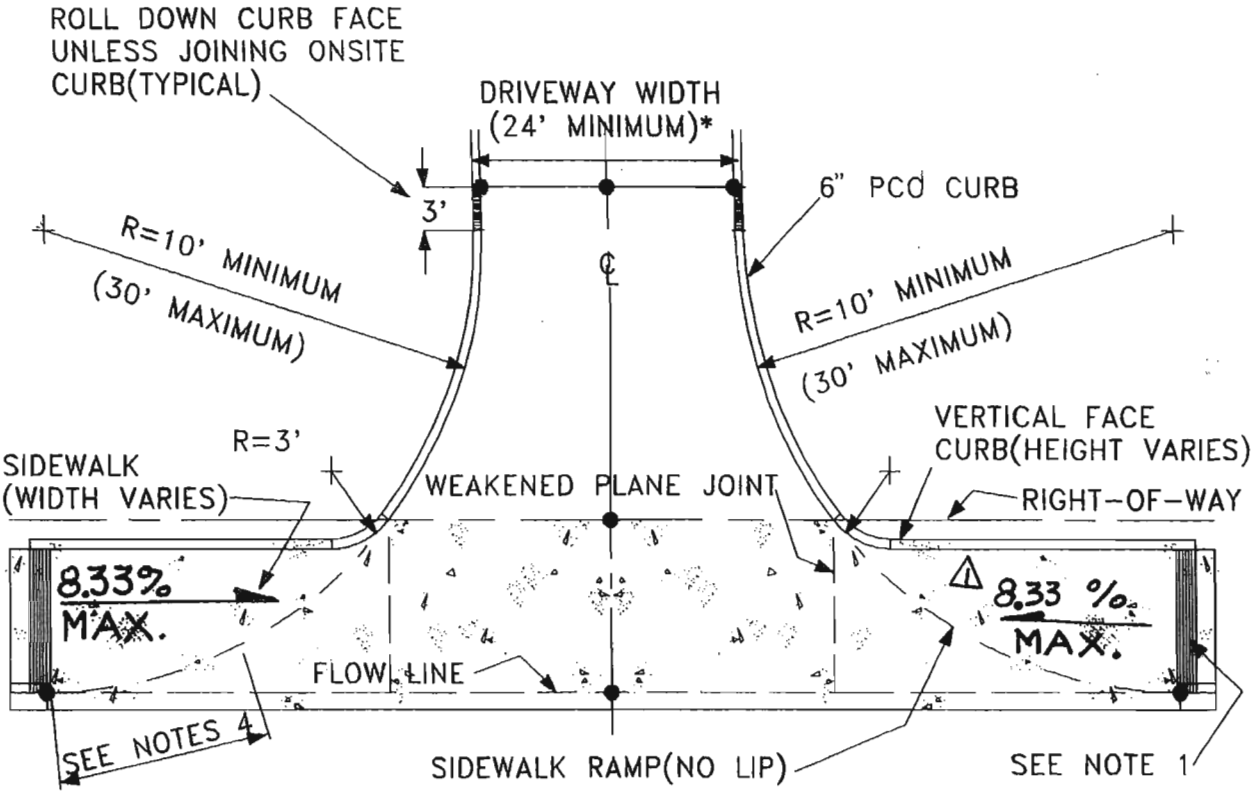
CURB FACE	"A"
4"	38"
5"	37"
6"	36"
8"	34"



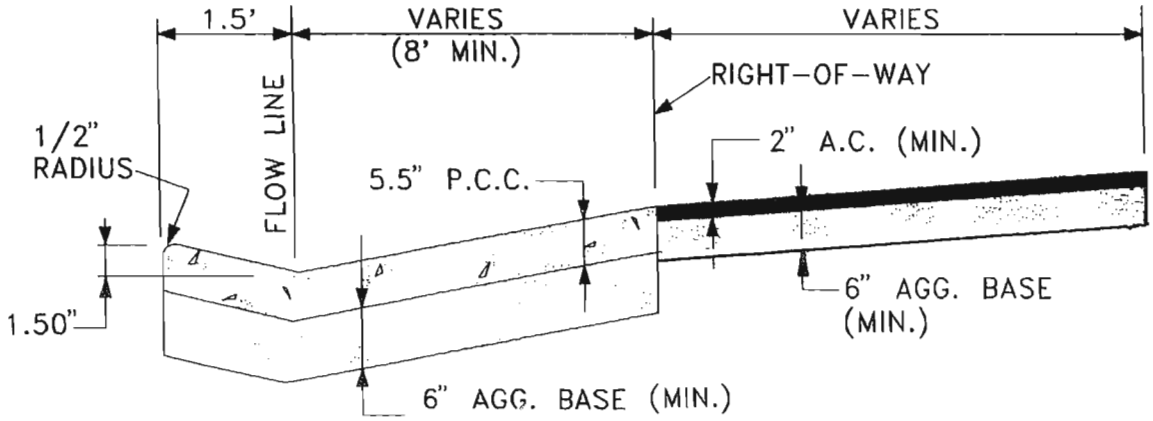
ELEVATION

APPROVED R.C.E. DATE 8-23-10	CITY OF VISTA STANDARD DRAWING	SCALE: not to scale
SHEET 1 of 1	MAIL BOX INSTALLATION AT CURB LINE	DRAWING No. 8

REVISED 7NOV91



TYPICAL PLAN---CASE-A



CENTERLINE CROSS SECTION A-A

NOTES:

1. THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" DEEP SCORE LINES AND 1/8" RADIUS. THE SPACING SHALL BE APPROXIMATE 3/4" O.C.
2. ● = ELEVATION SHOWN ON PLANS (TOP OF CURB AND/OR FLOW LINE ELEV.).
3. ALL CONCRETE SHALL BE 560-C-3250 ⚠
4. TRANSITION FROM FULL HEIGHT CURB TO NO CURB: (a) TRANSITION TO BE 6' LONG FOR A 5' SIDEWALK, (b) TRANSITION TO BE 8' LONG FOR A 6' SIDEWALK (OR WIDER).

* OR AS REQUIRED BY THE CITY ENGINEER.

⚠Rev'd. 9/6/91

CITY ENGINEER R.C.E. 31617 DATE: 6-26-91	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 2
SCALE: N.T.S.	ALLEY--TYPE DRIVEWAY	DRAWING NUMBER: 9

file = "CVDWG9A.DWG"

R,	"X"	"Y"
10'	9.00'	9.95'
15'	13.51'	14.93'
20'	18.01'	19.90'
25'	22.51'	24.88'
30'	27.01'	29.85'

TYPICAL PLAN---CASE-B

TYPE OF DRIVEWAY APPROACH	2-WAY DAILY VOLUME
G-14 & G-26 C.V. DWG. #9 STANDARD INTERSECTION	0 - 200
	200 -2500
	2500 +

NOTES:

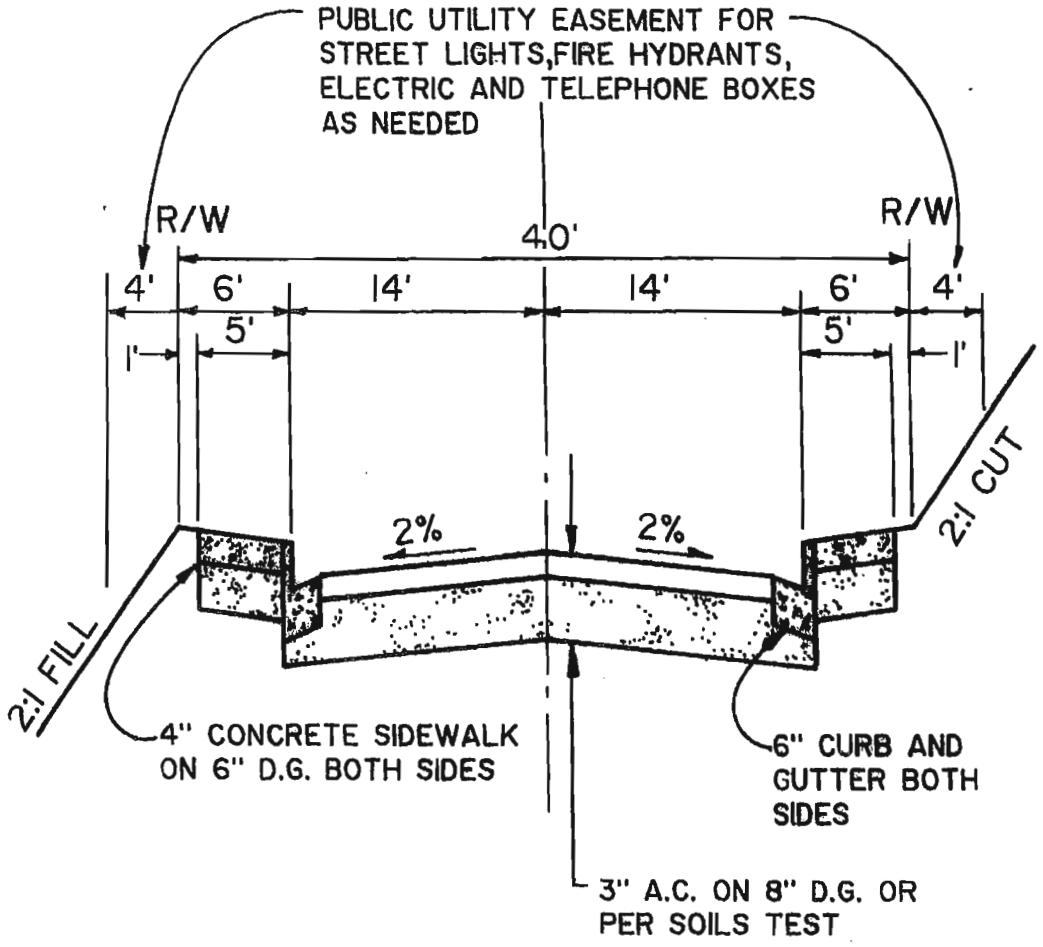
"P" = PARKWAY
P-6' = OFFSET
* = USE TRANSITION WHEN "W" < 18'

1.- AUXILIARY RIGHT TURN LANE SHALL BE REQUIRED WHEN RIGHT TURN EXCEEDS 125VPH FOR PEAK HOUR. MINIMUM LENGHT 250 FEET INCLUDING 90' TRANSITION, 12 FEET DESIRABLE WIDTH (10 FEET MINIMUM).

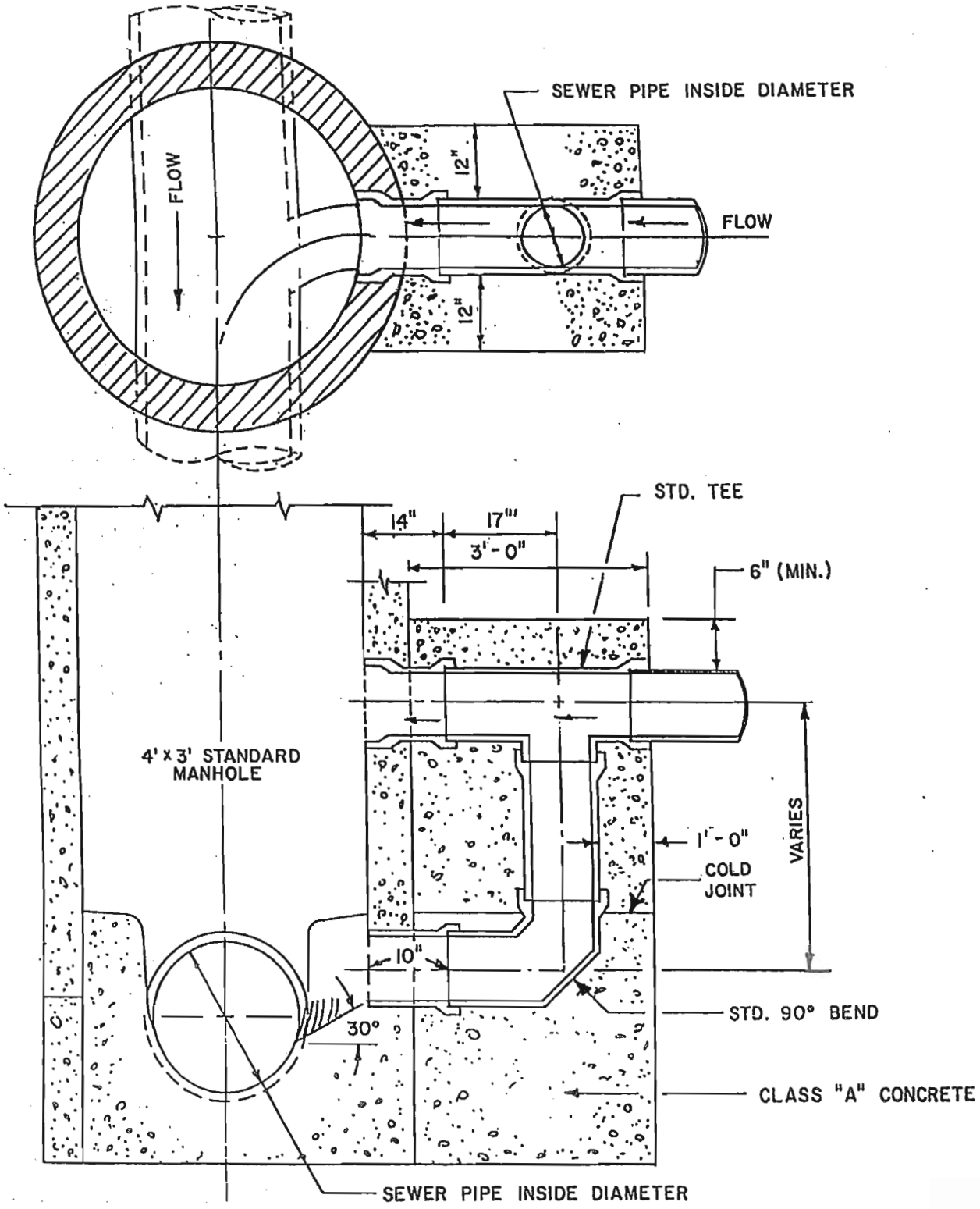
2.- DRIVEWAY THROAT OR RESERVOIR LENGTH SHALL BE 20'/1000' VOLUME UP TO 150' MAXIMUM. THROAT AREA SHALL BE CLEAR OF CROSS ACCESS.

CITY ENGINEER R.C.E. 36603 DATE: 6-26-91	CITY OF VISTA STANDARD DRAWING	SHEET 2 OF 2
SCALE: N.T.S.	ALLEY--TYPE DRIVEWAY	DRAWING NUMBER: 9

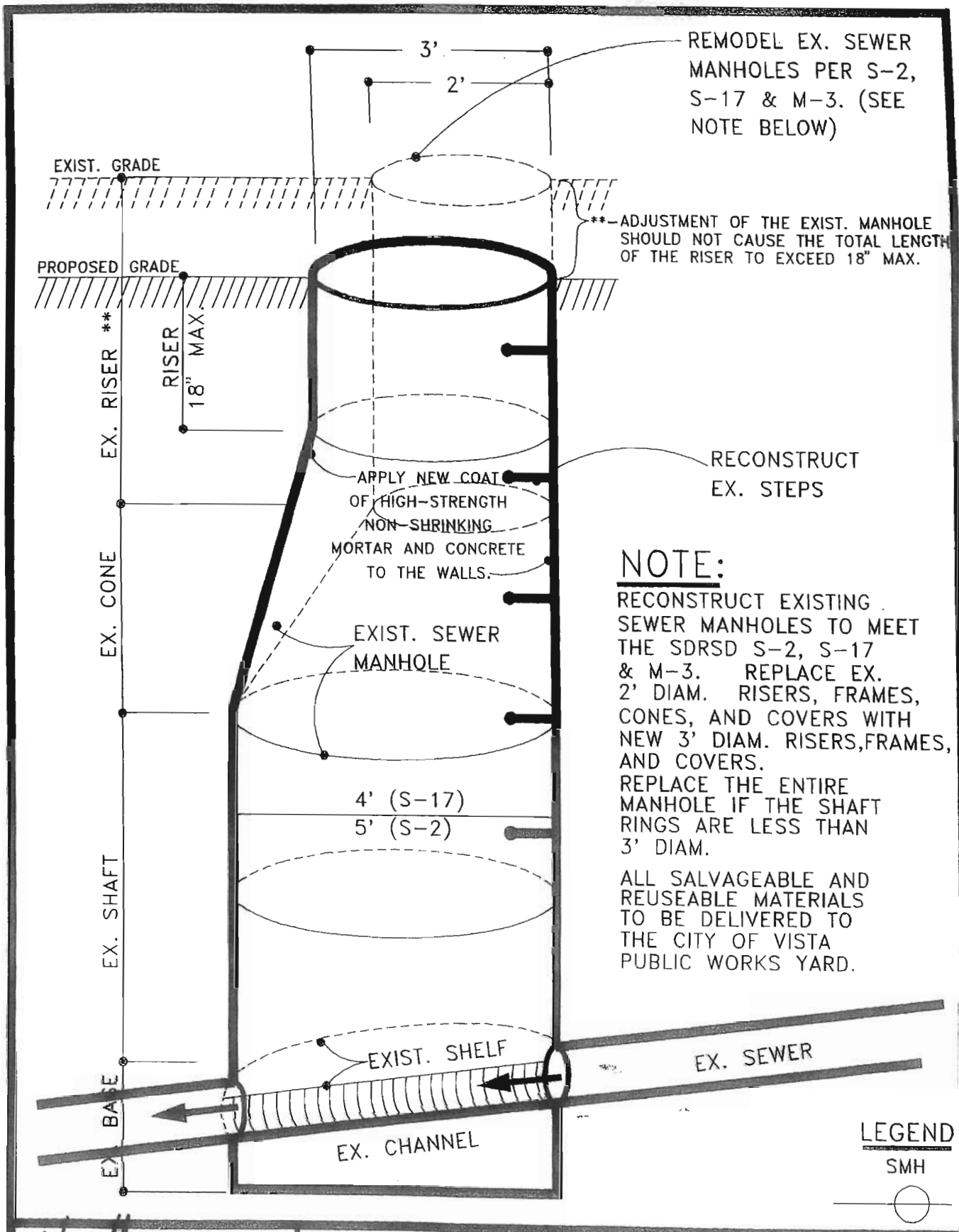
file = "CVDWG9A.DWG"



CITY ENGINEER 36647 R.C.E. 6-26-91 DATE	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 1
SCALE N.T.S.	HILLSIDE STREET STANDARD	DRAWING NUMBER: 10



APPROVED R.C.E. 36617 DATE 6-24-91	CITY OF VISTA STANDARD DRAWING	SCALE: not to scale
SHEET 1 OF 1	DROP MANHOLE	DRAWING NUMBER 11



36612 7-8-93
CITY ENGINEER R.C.E. DATE:

CITY OF VISTA
STANDARD DRAWING

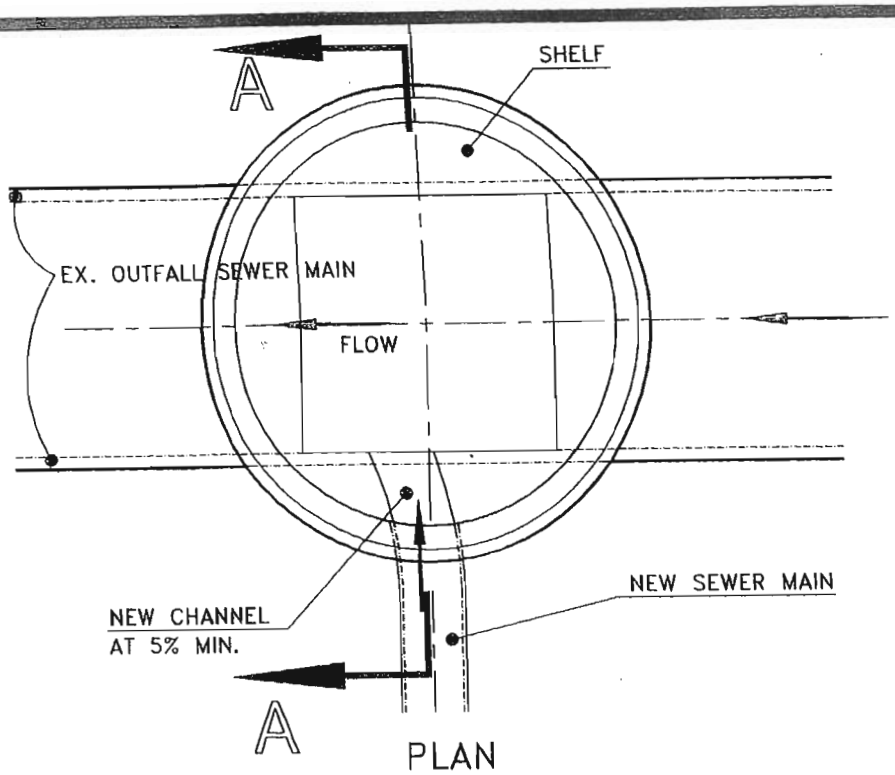
SHEET 1 OF 1

SCALE: N.T.S.

FILE = "CVDWG12.DWG" BY: TONY T.

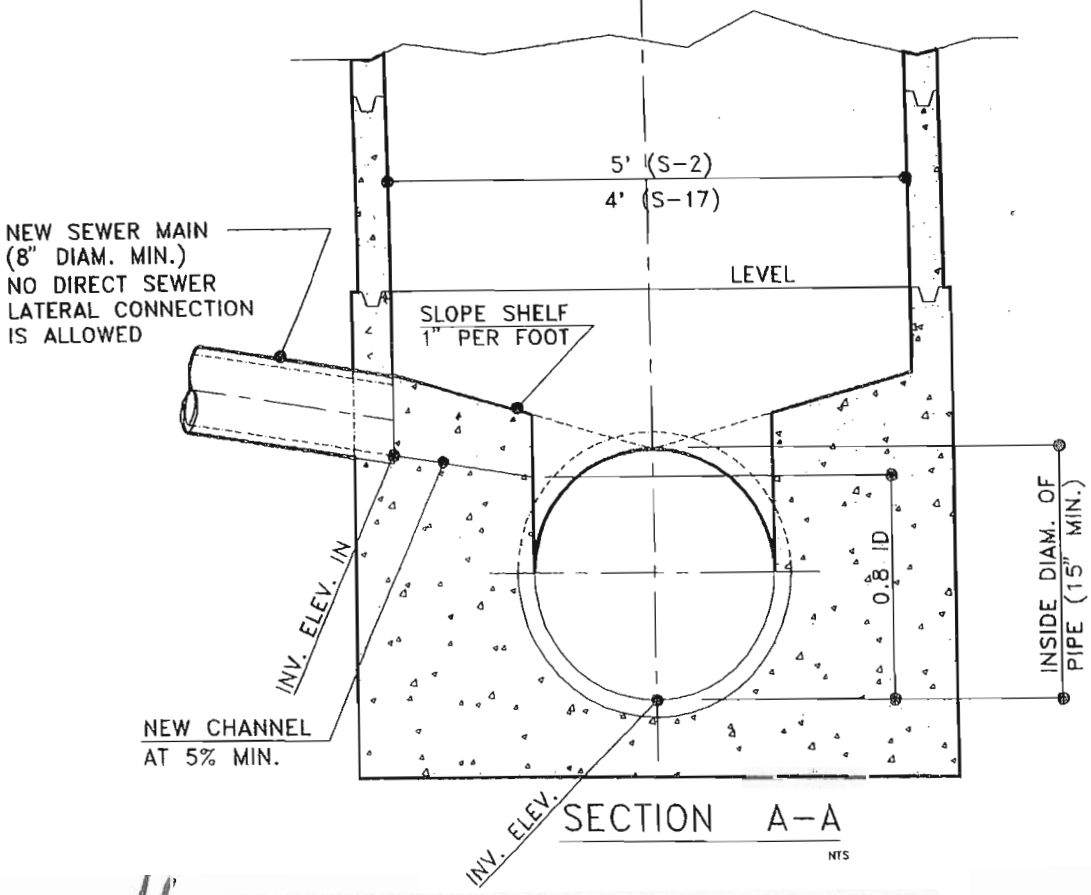
SEWER MANHOLE RECONSTRUCTION AND SEWER MANHOLE ADJUSTMENT

DRAWING NUMBER: 12



PLAN

NTS



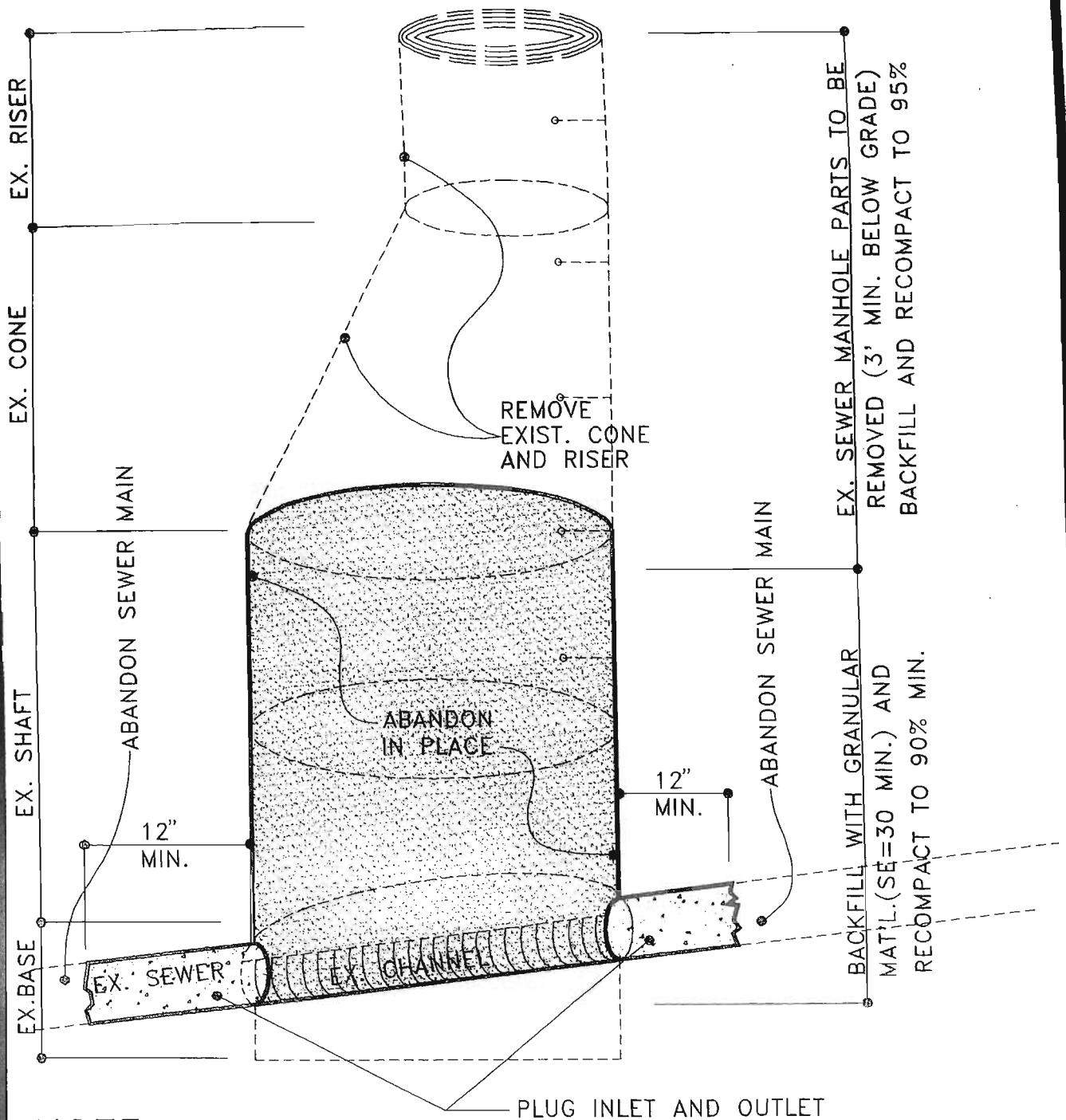
SECTION A-A

NTS

LEGEND

SMH

CITY ENGINEER R.C.E. DATE: 7-8-15	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 1
SCALE: N.T.S. FILE = "CVDWG13.DWG" BY: TONY T.	OUTFALL SEWER CONNECTION AND TRUNKLINE SEWER CONNECTION	DWG. NO. 13



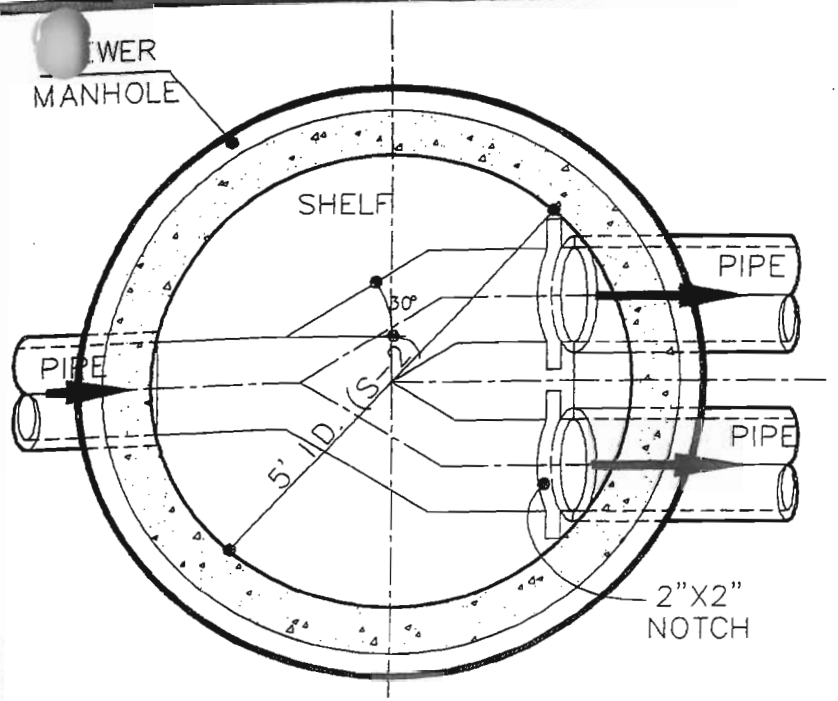
NOTE:

ALL SALVAGEABLE AND REUSEABLE MATERIALS TO BE DELIVERED TO THE CITY OF VISTA PUBLIC WORKS YARD.

LEGEND

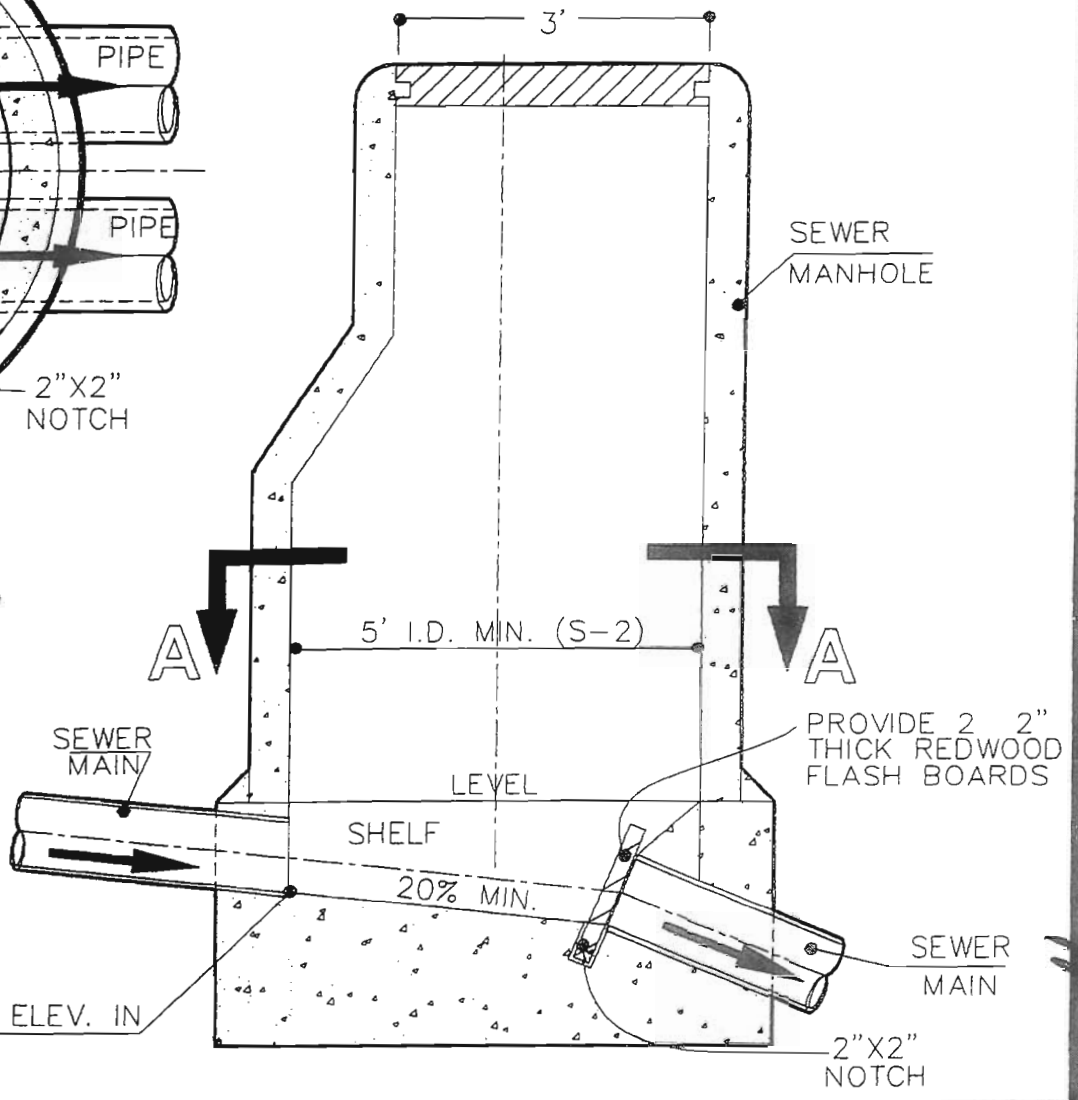
SMH

CITY ENGINEER 36617 R.C.E. 7-8-93 DATE:	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 1
SCALE: N.T.S. FILE = "CVDWG12.DWG" BY: TONY T.	SEWER MANHOLE ABANDONMENT	DWG. NO. 14



SECTION A-A

LEGEND
SMH



CITY OF VISTA
STANDARD DRAWING

MANHOLE FOR SIPHON

SHEET 1 OF 1

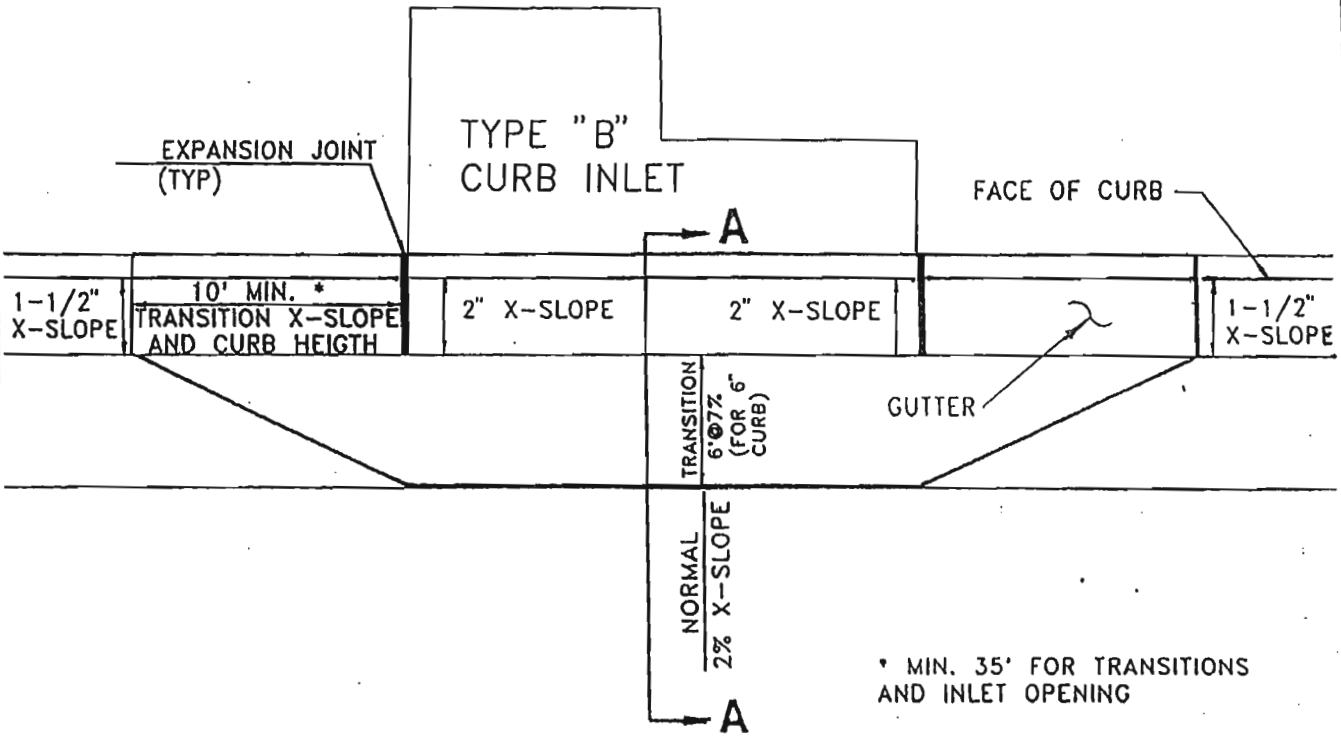
DWG. NO. 15

CITY ENGINEER 36617 R.C.E. DATE: 7-8-93

SCALE: N.T.S.

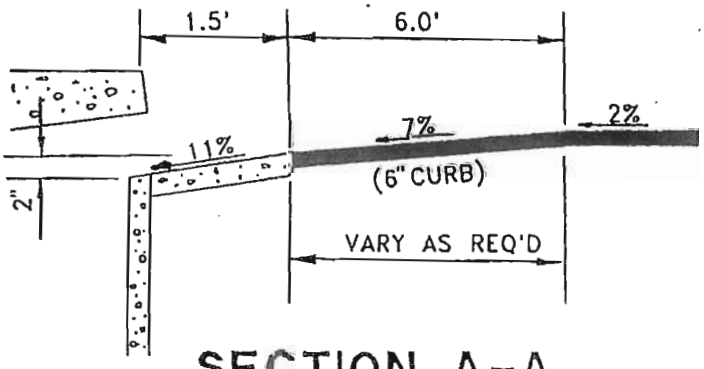
BY: TONY T.

FILE = "CVDWG15.DWG"



* MIN. 35' FOR TRANSITIONS AND INLET OPENING

ADJUST TRANSITION LENGTH AS REQUIRED.



SECTION A-A

NTS

CITY ENGINEER R.C.E. 36617 DATE: 4.4.99	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 1
SCALE: N.T.S. file='CVDWG2.DWG'	GUTTER AND DEPRESSION DETAIL AT TYPE "B" C.I.	DRAWING NUMBER: 16

MATERIALS

A. ASPHALT - SURFACE - 1/2" MED. C2-AR-4000
BASE - 3/4" MED. B2-AR-4000
B. ROCK BASE - CLASS II/CALTRANS 26-1.02B
C. SLURRY BACKFILL - ROCKSAW TRENCH - CLASS 380-E-800
ALL OTHER - CLASS 190-E-400 (OR AS APPROVED)
D. TACK COAT - GRADE SS-1h OR AR1000 PAVING ASPHALT (SSPWC 302-5.4)

METHODS

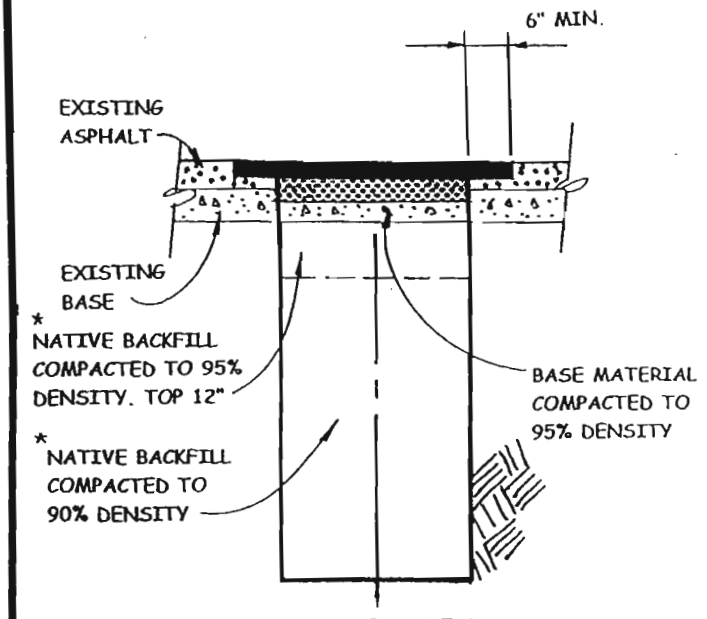
A. TYPE A, C, & D TRENCHES
1. EXISTING A.C. PAVING SHALL BE REMOVED TO CLEAN, STRAIGHT LINES, TAKING CARE TO NOT UPLIFT OR TEAR ADJOINING PAVING. (SSWPC 300-1.3.2)
2. BASE MATERIAL TO BE REPLACED TO DEPTH OF EXISTING BASE, WITH A MINIMUM OF 6". A.C. MAY BE SUBSTITUTED FOR BASE WITH PRIOR CITY APPROVAL.
3. A TACK COAT OF ASPHALTIC EMULSION OR PAVING ASPHALT SHALL BE APPLIED TO ALL CONTACT SURFACES.
4. A.C. PAVE 3/4" ASPHALT TO MEET EXISTING STREET GRADE. LEAVING DEPRESSIONS FOR CAP PAVING IS NOT ALLOWED.
5. ASPHALT DEPTH SHALL BE 1" DEEPER THAN EXISTING - MINIMUM 4" DEPTH. AC SHALL BE HOT PLANT MIX.
6. PLANE EXISTING ASPHALT PAVEMENT TO MINIMUM 1" DEPTH, OR ONE HALF THICKNESS OF EXISTING A.C. - NOT TO EXCEED 2".
7. FINISH COURSE SHALL BE LAID DOWN USING A SPREADER BOX OR PAVING MACHINE, AND SHALL BE DENSIFIED/FINISHED PER SSPWC 302-5.6.1 & 302-5.6.2.
8. A.C. RESURFACING SHALL BE SEAL COATED WITH EMULSIFIED ASPHALT AND COVERED WITH SAND, UNLESS WAIVED BY CITY INSPECTOR.

B. TYPE B TRENCH
1. CEMENT SLURRY SHALL HAVE A MINIMUM 4" SLUMP AND BE THOROUGHLY CONSOLIDATED WITH VIBRATORS AND TAMPED.
2. CEMENT SLURRY SHALL BE LEFT 1/2" LOW FROM EXISTING STREET SURFACE. TEMPORARY A.C. SHALL BE PLACED ATOP SLURRY IN ALL AREAS SUBJECT TO VEHICLE OR PEDESTRIAN TRAFFIC.
3. ALLOW SLURRY 5 DAYS TO CURE BEFORE PLANING.
4. PLANE EXISTING SURFACE TO MINIMUM 1" DEPTH, OR ONE HALF THICKNESS OF PAVEMENT NOT TO EXCEED 2".
5. A TACK COAT OF ASPHALT EMULSION OR PAVING ASPHALT SHALL BE APPLIED TO ALL SURFACES.
6. FINISH COURSE SHALL BE LAID DOWN USING A SPREADER BOX AND SHALL BE DENSIFIED/FINISHED PER SSPWC 302-5.6.1 & 302-5.6.2.
7. A.C. RESURFACING SHALL BE COATED WITH EMULSIFIED ASPHALT AND COVERED WITH SAND, UNLESS WAIVED BY CITY INSPECTOR.

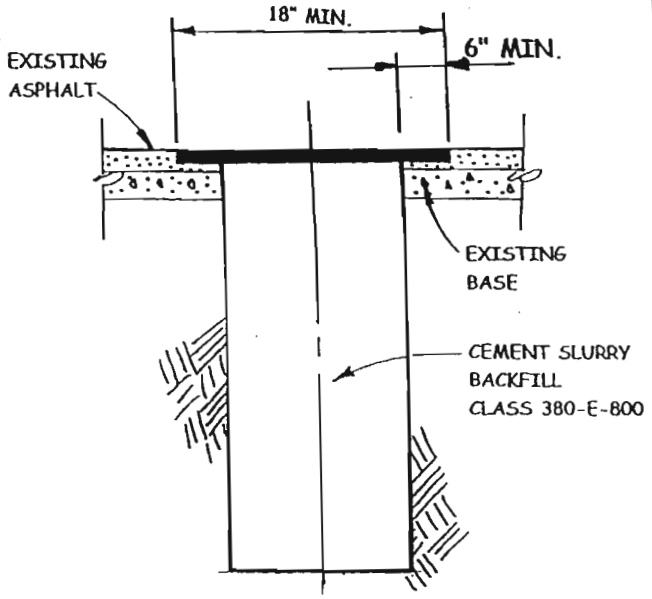
GENERAL

A. ALL WORK PERFORMED WITHIN CITY RIGHT-OF-WAY REQUIRES THE GENERAL CONTRACTOR DOING THE WORK TO OBTAIN A CITY R/W PERMIT.
B. ALL WORK PERFORMED REQUIRES CITY INSPECTION.
C. IN NO CASE SHALL TEMPORARY ASPHALT OR PLATES, (TYPE A, C, & D TRENCH), BE LEFT IN PLACE LONGER THAN 10 WORKING DAYS. NO TRENCHES SHALL BE LEFT OPEN OVERNIGHT.
D. MATERIALS & METHODS ARE CONSIDERED MINIMUM AND MAY BE REVISED BY THE CITY.
E. ALL TRENCHING REQUIRES COMPACTION TESTING FOR SUBGRADE AND CLASS II BASE, UNLESS WAIVED BY CITY INSPECTOR.

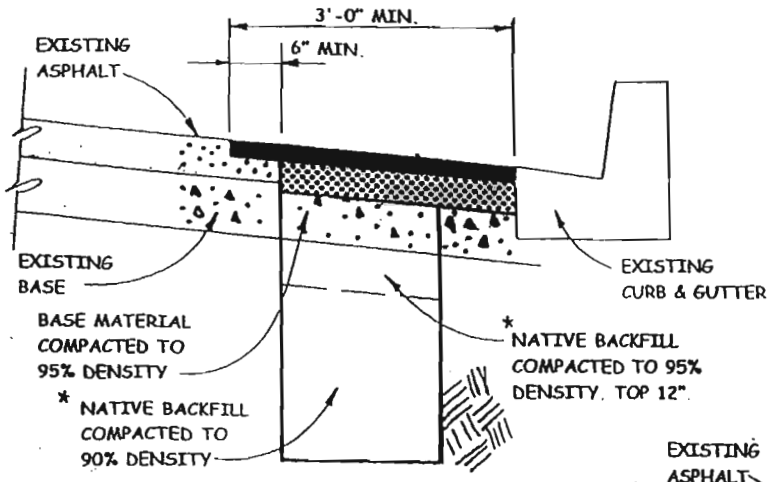
David A. Solomon 25291 10/97 CITY ENGINEER R C E DATE:	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 2
SCALE: N.T.S	TRENCH PAVING STANDARDS	DRAWING NUMBER: 17



EXCAVATED TRENCH
TYPE A

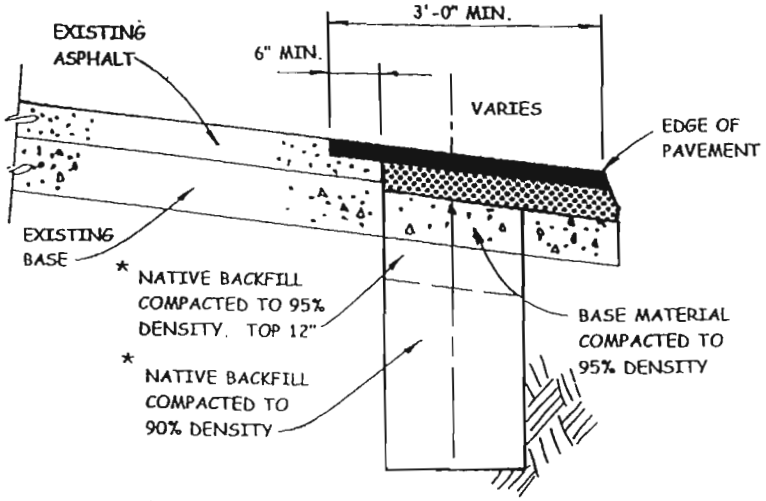


ROCKSAW TRENCH
TYPE B



NEXT TO EXISTING CURB & GUTTER
TYPE C
(ROCKSAW OR EXCAVATED)

* NATIVE BACKFILL MAY BE REPLACED WITH 2 SAC CEMENT SLURRY, IF APPROVED BY CITY INSPECTOR



EDGE OF PAVEMENT
TYPE D

ASPHALT LEGEND

- NEW 1/2" MED ASPHALT
- NEW 3/4" MED ASPHALT
- EXISTING ASPHALT

David A Solomon 25291 10/95
CITY ENGINEER R C E DATE:

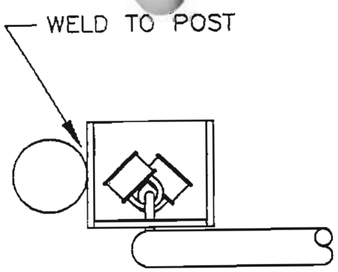
CITY OF VISTA
STANDARD DRAWING

SHEET 2 OF 2

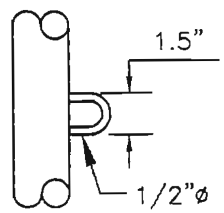
SCALE: N.T.S

TRENCH PAVING STANDARDS

DRAWING NUMBER: 17



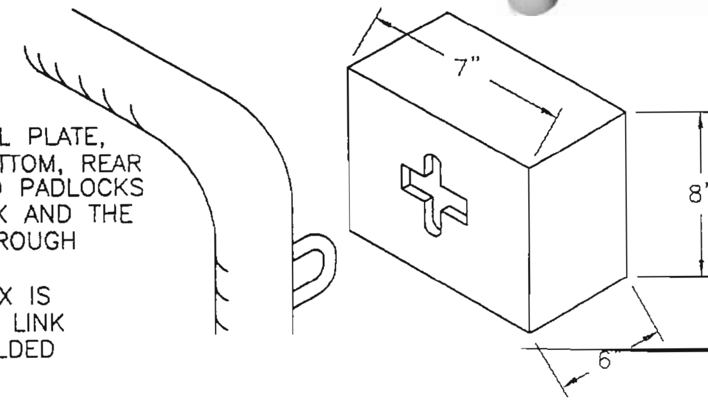
VIEW "A"



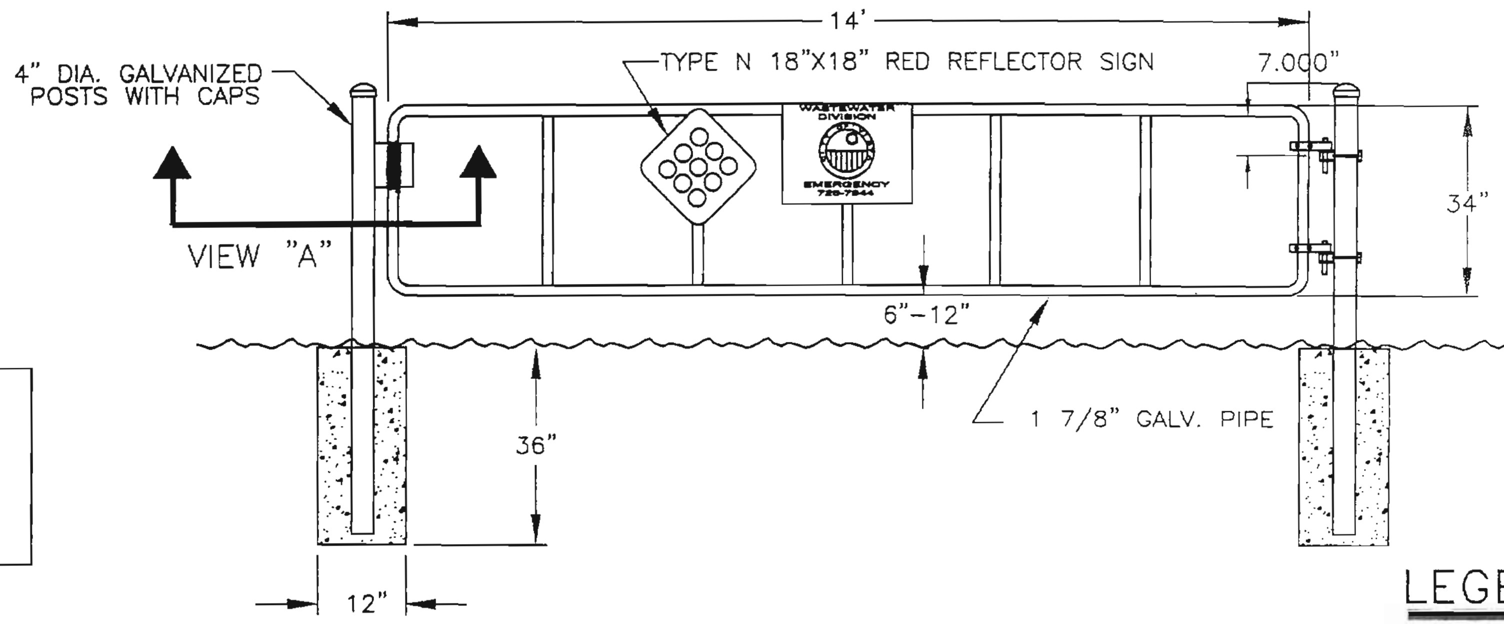
GATE HASP DETAIL

LOCK BOX OF 3/8" STEEL PLATE, OPEN ON FRONT AND BOTTOM, REAR CUT TO ACCOMODATE TWO PADLOCKS SO TO REMOVE ONE LOCK AND THE OTHER LOCK WILL FIT THROUGH THE CUSTOM HOLE

ALTERNATIVE TO LOCK BOX IS 18" OF 1/2"ø HARDENED LINK CHAIN WITH ONE END WELDED TO THE GATE POST



LOCK BOX DETAIL



WASTEWATER DIVISION

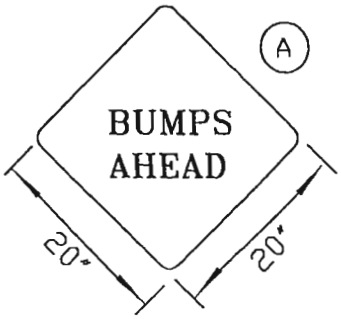
EMERGENCY 726-7944

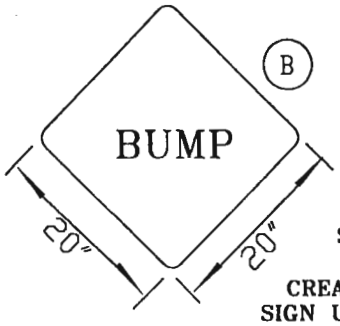
SIGN DETAIL

LEGEND

GATE

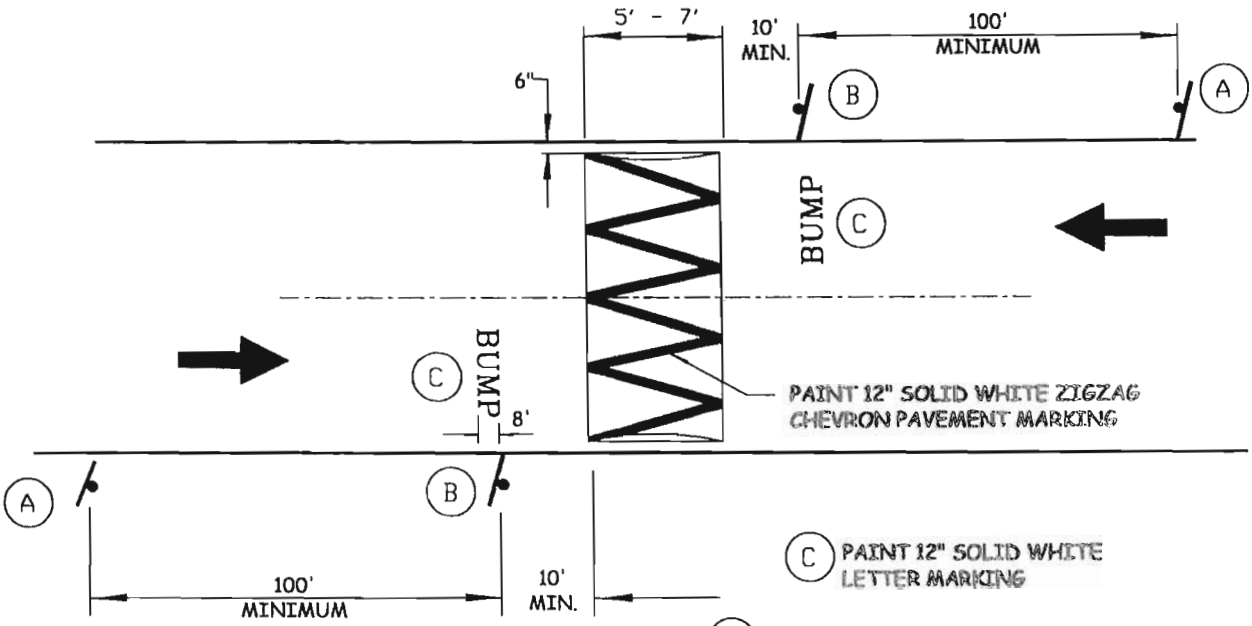
SANITATION ENGINEER/RCE/ DATE 9/2/00	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 1
SCALE: N.T.S. RCE 21074 FILE = "GATES-.DWG", BY: T.T. (9/2000)	SEWER EASEMENT GATE	DWG. No. 18



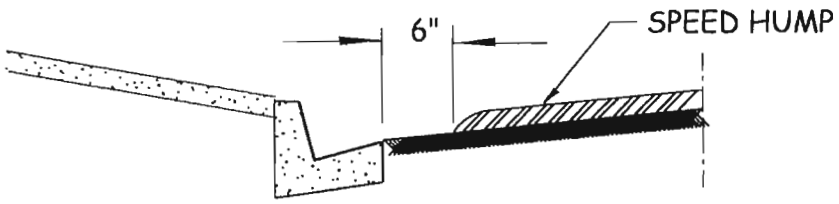


SPECIAL WARNING SIGN
(BLACK ON YELLOW)
CREATE THE BLACK ON YELLOW
SIGN USING DIMENSIONS FROM THE
STANDARD W38 "SLIDE AREA" SIGN

EXISTS ON CERTAIN PRIVATE ROADS
TRAVEL SPEED LESS THAN 15 MPH
MAY BE USED ON PRIVATE ROADS ONLY



A SINGLE (A) SIGN MAY BE INSTALLED IN ADVANCE OF
2 OR MORE HUMPS



Will N Sanders 28939 5/7/01 CITY ENGINEER R.C.E. DATE	CITY OF VISTA STANDARD DRAWING	SHEET 1 OF 1
SCALE: N.T.S.	PRIVATE STREETS SPEED HUMPS SIGNING & STRIPING	DRAWING NO. 19