



Public Works Department  
Engineering Division

## CITY OF WEST COVINA STANDARD CONSTRUCTION PLANS

**THE FOLLOWING CITY STANDARD CONSTRUCTION PLANS ARE TO BE USED WHERE APPLICABLE.**

### **I. STREET CONSTRUCTION PLANS**

- A-104 Driveway Approach
- A-105 Standard Alley Section
- A-110 Standard Cul-de-Sac
- A-110 A Special Cul-de-Sac
- A-111 Standard Knuckle
- A-132 Sidewalk Clearance for Trees and Shrubs
- A-133 Parkway Clearances for Shrubs (Except at corners)
- A-134 Standard Permissible Obstructions
- A-138 Tree Well and Grate Installation
- A-142 Trash Enclosures
- A-143 Circular Driveway
- A-151 Typical Trench Backfill and Pavement Section

### **II. SEWER CONSTRUCTION PLANS**

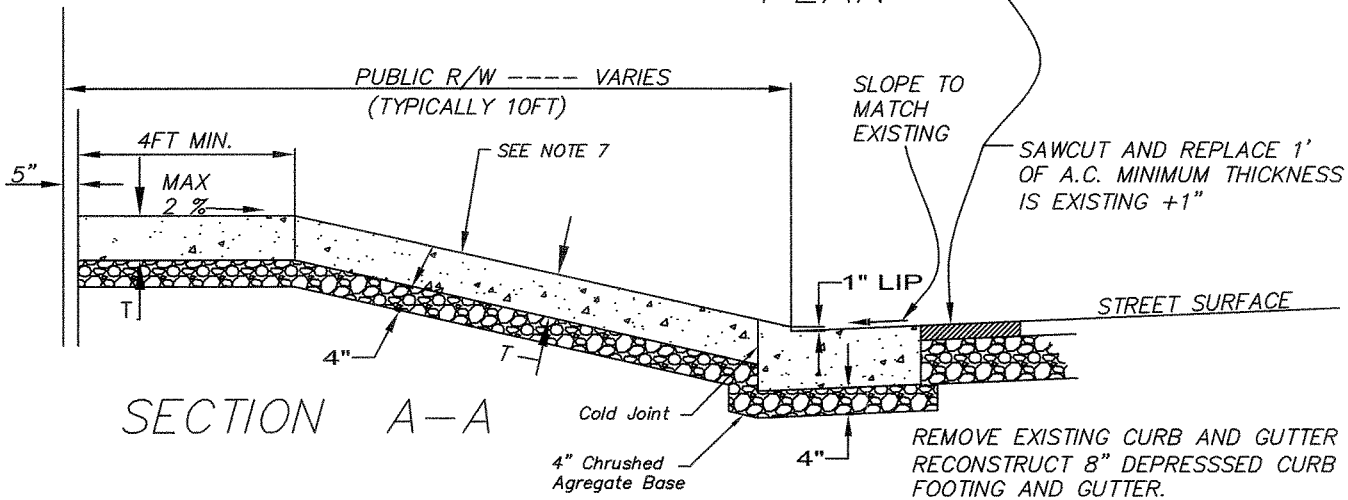
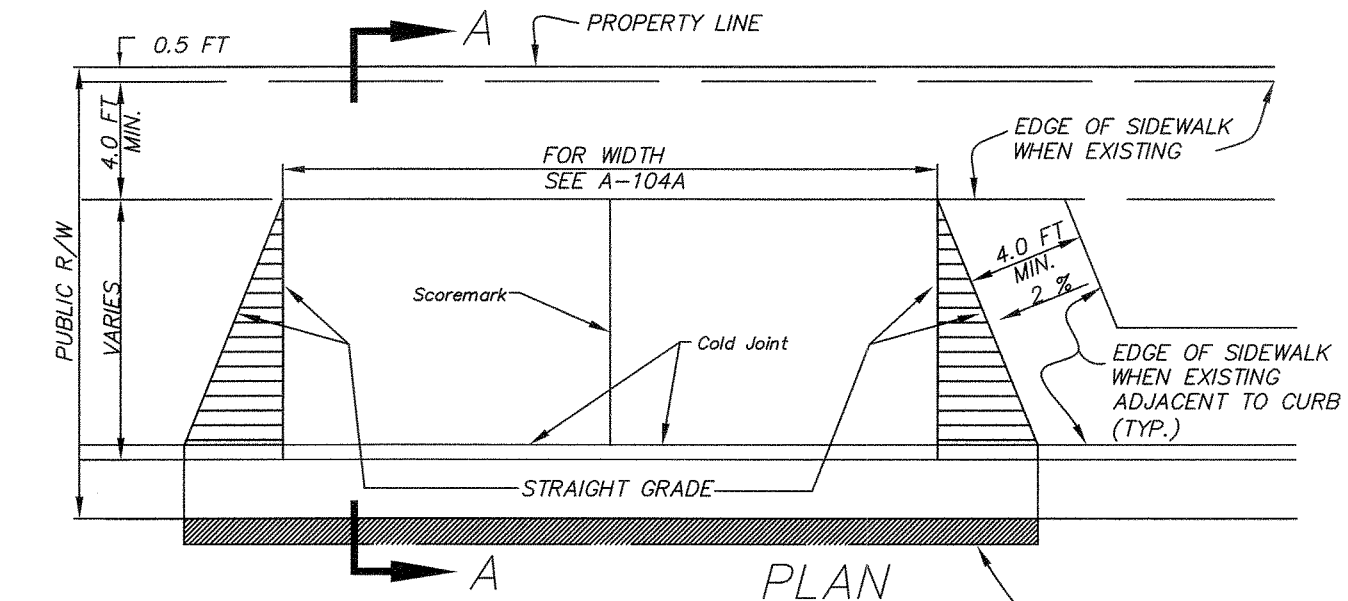
- S-S-2 Manhole Frame and Cover
- S-S-10 House Connection

### **III. TRAFFIC STANDARD PLANS**

- T-1 Street Name Sign Mounting
- T-2A Standard Street Name Sign
- T-2B Standard Street Name Sign, Private Street
- T-39 Fire Lane Sign
- T-40 Neighborhood Watch Sign


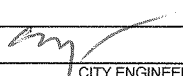
### **IV. MISCELLANEOUS**

- For wheelchair ramps within the public right-of-way, use Caltrans Standard Drawing No. A88 A & B.
- For traffic standards not listed above, use MUTCD or Caltrans as applicable.
- For all other standards, refer to "Standard Plans of the Los Angeles County Department of Public Works" latest edition.



1. 5.5 C 2500 CONCRETE. SEE STANDARD SPECIFICATIONS.
2. SAWCUT AT ALL REMOVAL LIMITS.
3. CONCRETE MUST BE CURED BY THE SPRAYING OF A PIGMENTED SEALING COMPOUND OR OTHER MEANS APPROVED BY THE CITY ENGINEER.
4. STIFF BROOM FINISH.
5. WHEN THE PUBLIC R/W IS LESS THAN 10FT, SUBMIT A DETAIL COMPLYING WITH ADA AND ENGINEERING STANDARDS AND PREPARED BY A LICENSED CIVIL ENGINEER, FOR APPROVAL.
6. T=5" MIN FOR RESIDENTIAL.  
T=6" MIN FOR MULTIRESIDENTIAL AND COMMERCIAL.
7. CONTACT ENGINEERING DIVISION FOR SLOPES GREATER THAN 8%.

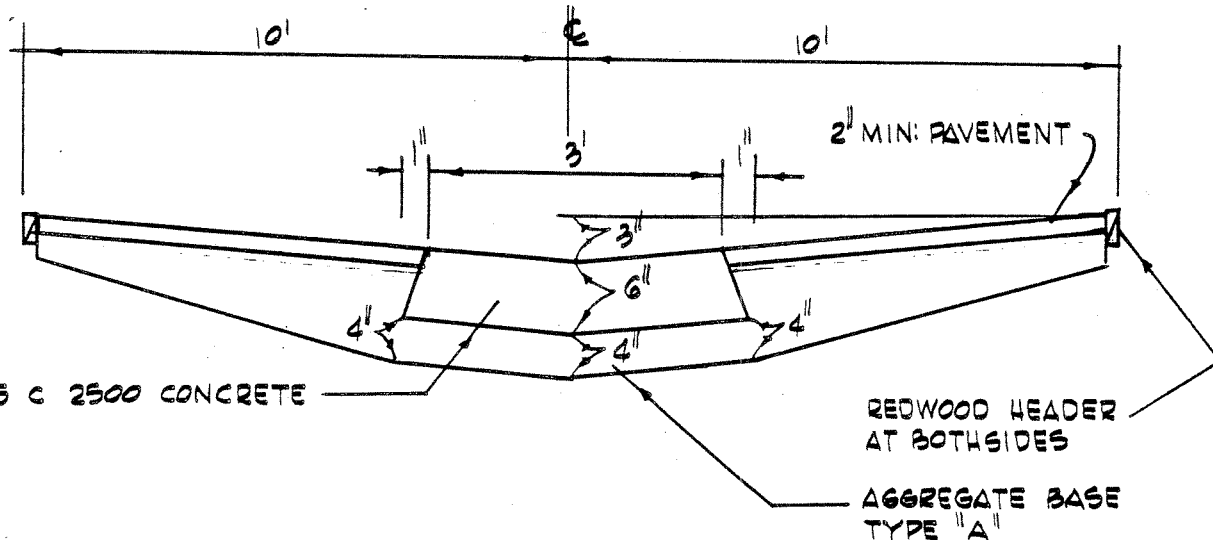
NOTE: SEE BACK FOR MORE INFORMATION.

 <b>CITY OF WEST COVINA ENGINEERING DIVISION</b>	
<b>RESIDENTIAL DRIVEWAY APPROACH</b>	
DRAWN BY: SG	SCALE: NONE
CHECKED BY: OC	DATE: 1/2012
REV:	SHEET: 1 OF 2
APPROVED: 49909 R.C.E.	 CITY ENGINEER
DRAWING NUMBER <b>A-104</b>	

DRIVEWAY OPENING  
GENERAL REQUIREMENTS

ITEM		COMMERCIAL	MULTI-RESIDENTIAL	RESIDENTIAL
MAXIMUM WIDTH		35 FT	30FT	24FT
MIN. WIDTH	1 - WAY TRAFFIC	14 FT	12FT	12FT
	2 -WAY TRAFFIC	24 FT	22FT	N/A
MAX. % OF LOT FRONTAGE (INCLUDES "X")		60%	50%	50%
LENGTH BETWEEN DW TOP OF "X"				
	SAME LOT	22 FT	22 FT	22FT
	ADJ. LOT	2 FT	2 FT	2 FT

1. ENCROACHMENT INTO CURB RETURNS NOT PERMITTED. (10 FT MINIMUM DISTANCE FROM BCR)
2. TOP OF "X" MAY EXTEND BEYOND PROJECTED PROPERTY LINE.
3. FOR COMMERCIAL AND MULTI-RESIDENTIAL, SIDEWALK WITHIN DRIVEWAY LIMITS MUST BE REMOVED TO NEAREST SCOREMARK AND REPLACED AS PART OF DRIVEWAY APPROACH. FOR RESIDENTIAL DRIVEWAYS, SIDEWALK WITHIN DRIVEWAY LIMITS THAT IS STRUCTURALLY UNSOUND MUST BE REMOVED TO NEAREST SCOREMARK AND REPLACED AS PART OF DRIVEWAY APPROACH.
4. FOR RESIDENTIAL DRIVEWAYS WITH GARAGE AT OR LESS THAN 25' FROM PROPERTY LINE, DRIVEWAY APPROACH SHALL BE ALIGNED WITH AND AS WIDE AS THE GARAGE OPENING.
5. IF 2 FT. OF FULL HEIGHT CURB CAN NOT BE OBTAINED BETWEEN ADJACENT DRIVEWAYS THE TWO DRIVEWAYS MUST BE COMBINED INTO A MUTUAL DRIVEWAY.



USE 5.5 c 2500 CONCRETE

REDWOOD HEADER  
AT BOTH SIDES

AGGREGATE BASE  
TYPE "A"

CITY OF WEST COVINA

STANDARD ALLEY  
SECTION

DRAWN: fmd

SCALE: none

CHECKED: JWG

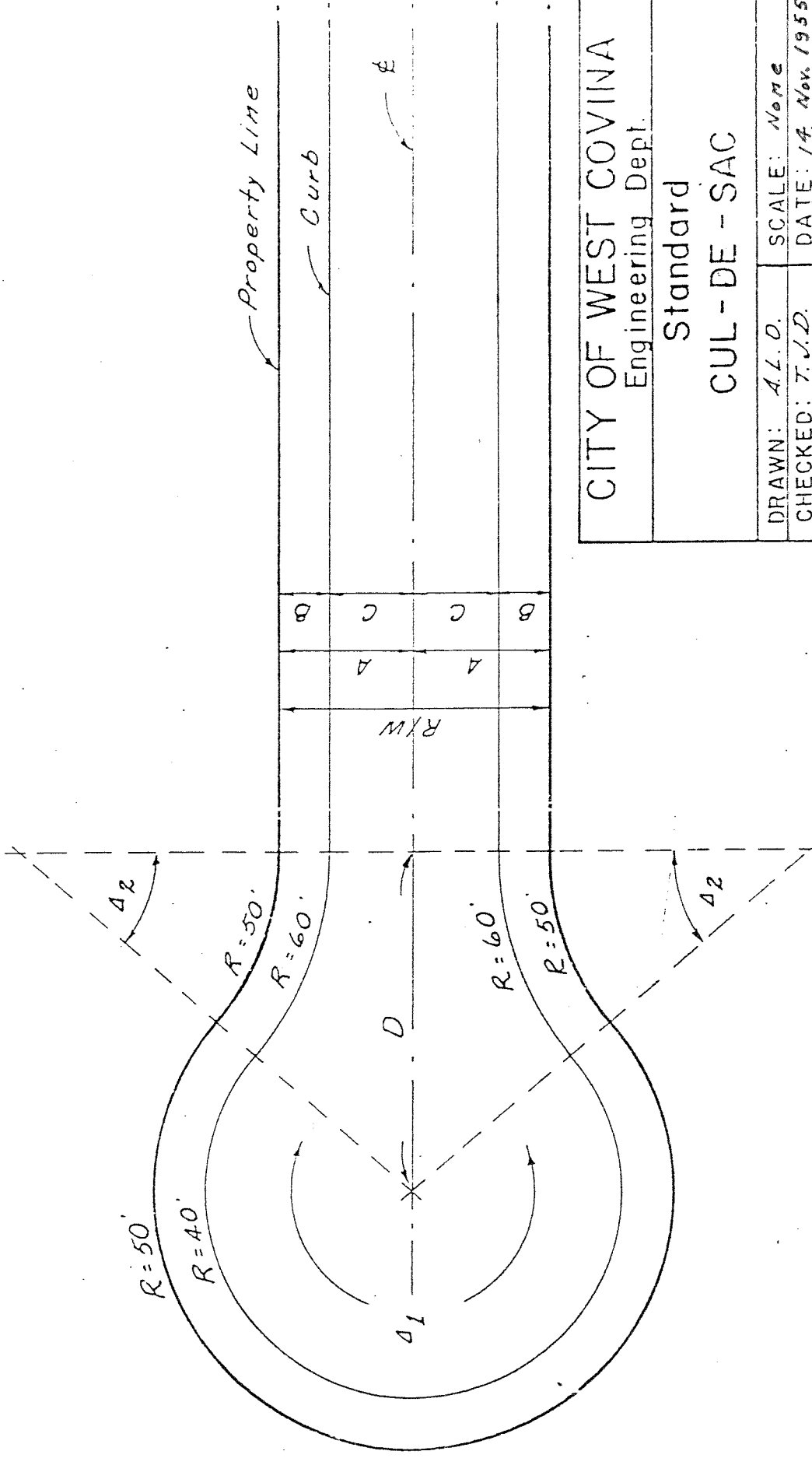
DATE: Feb. 8, 1968

REVISED	APPROVED

APPROVED: *R.E. Pontow*  
RE 7875 CITY ENGINEER

DRAWING NO.  
A105

R/W	Curve Data Δ1				Curve Data Δ2											
	A	B	C	D	Δ1	Curb		Property line	Δ2	Curb		Property Line				
						R	L	R	L	T	R	L	T			
52	26'	10'	16'	64.99	261°04'18"	40	182.26	50	227.83	40°32'09"	60'	42.45	22.16	50'	35.37	18.46



CITY OF WEST COVINA  
Engineering Dept.

Standard  
CUL - DE - SAC

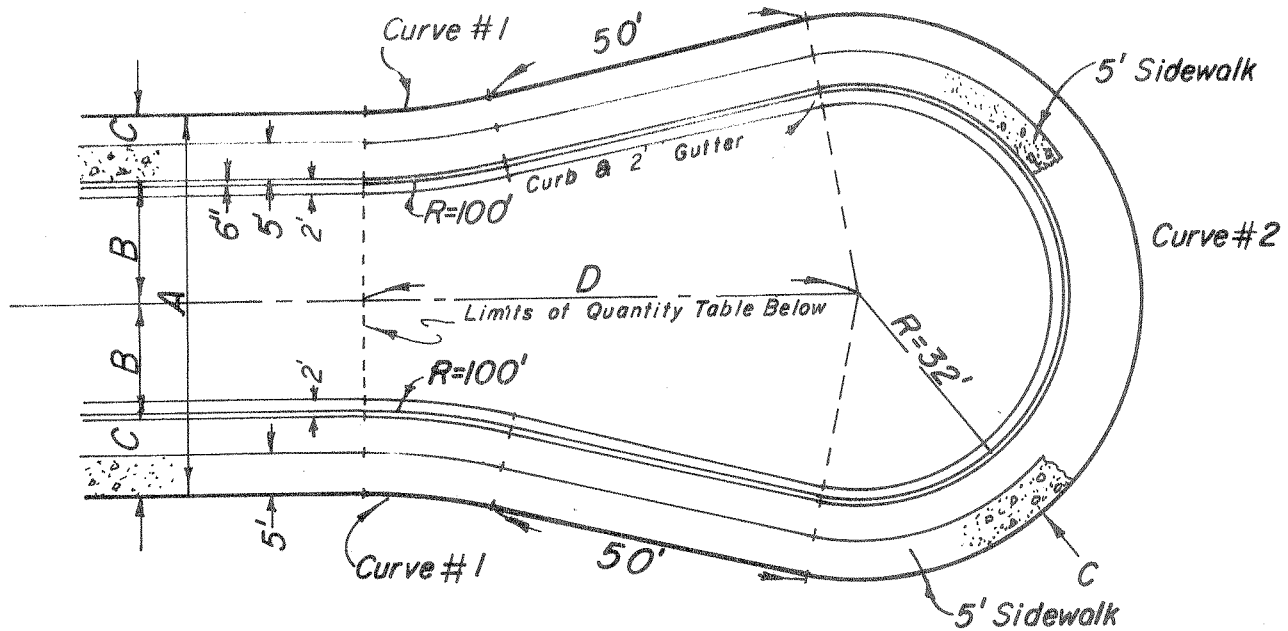
DRAWN: A.L.O. SCALE: None  
CHECKED: T.J.D. DATE: 14 Nov. 1955

APPROVED: R.E. Ponton  
R.E.7675 CITY ENGINEER

DRAWING NO  
A-110

2-8-68  
REVISION

R.E. Ponton  
APPROVED



				CURVE #1						CURVE #2					
A	B	C	D	Δ	Curb			R			Δ	Curb		R	
					R	L	T	R	L	T		R	L	R	L
52	16	10	80.42	13°59'16"	100	24.41	12.27	90	21.97	11.04	207°58'32"	32	116.16	42	152.45
60	18	12	77.46	12°32'11"	100	21.88	10.98	88	19.25	9.67	205°04'22"	32	114.53	44	157.48
60	20	10	74.32	11°01'35"	100	19.24	9.65	90	17.32	8.69	202°03'10"	32	112.85	42	148.11

**Notes:**

1. Sidewalk locations are to be determined by the City Engineer.
2. All street widths shall be 60' unless otherwise approved.
3. Expansion joints or weakened plane joints are to be placed at B.C. and E.C. as directed by the City Engineer.
4. This is to be used only with the approval of the Planning Commission or City Council.

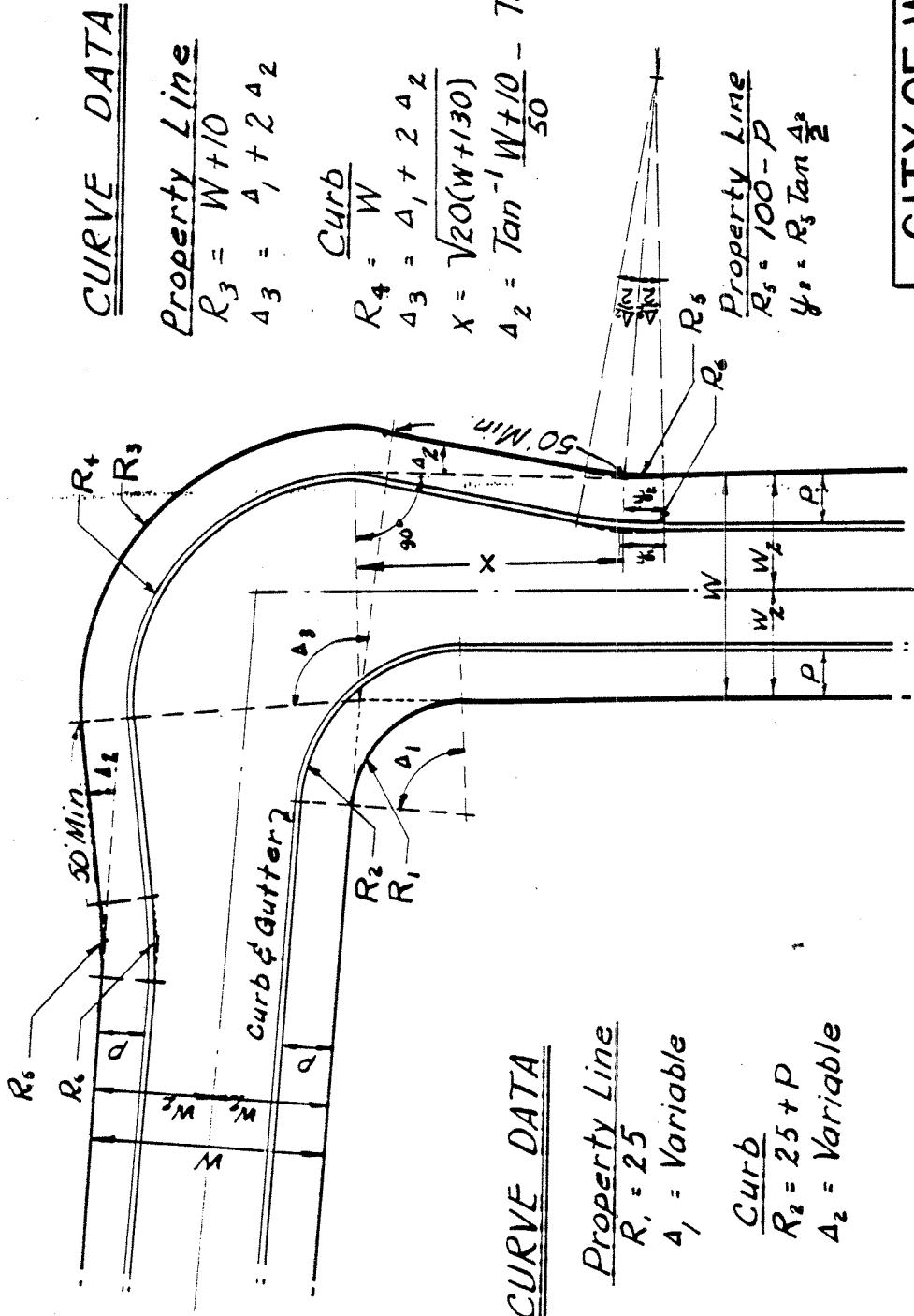
A	B	Curb Length Ft.	Sidewalk Sq. Ft.		Pavement Sq. Ft. 2' Gutter
			Adjacent to curb	Adjacent to R	
52	16	263.3	1355.4	1432.7	4762.1
60	18	258.3	1338.6	1440.7	4871.5
60	20	251.3	1303.8	1374.5	4900.9

**CITY OF WEST COVINA**

**SPECIAL  
CUL-DE-SAC**

DRAWN BY V.R.I.	SCALE None
CHECKED BY J.W.G.	DATE 8-19-75
APPROVED <i>Harry W. Thomas</i> R.E. 18542 CITY ENGINEER	DRAWING NO. A-110-A

REVISION	APPROVED BY	DATE
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CURVE DATA

Property Line

$R_3 = W + 10$   
 $\Delta_3 = \Delta_1 + 2 \Delta_2$

Curb

$R_4 = W$   
 $\Delta_3 = \Delta_1 + 2 \Delta_2$   
 $X = \sqrt{20(W+130)}$   
 $\Delta_2 = \tan^{-1} \frac{W+10}{50} - \tan^{-1} \frac{W}{X}$

CURVE DATA

Property Line

$R_1 = 25$   
 $\Delta_1 = \text{Variable}$

Curb

$R_2 = 25 + P$   
 $\Delta_2 = \text{Variable}$

Property Line

$R_5 = 100 - P$   
 $\Delta_5 = R_3 \tan \frac{\Delta_2}{2}$

Curb

$R_6 = 100$   
 $\Delta_6 = R_6 \tan \frac{\Delta_2}{2}$

W	X	$\Delta_2$
52	60.3324	10°-21'-28"
60	61.644	10°-14'-11"

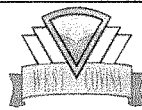
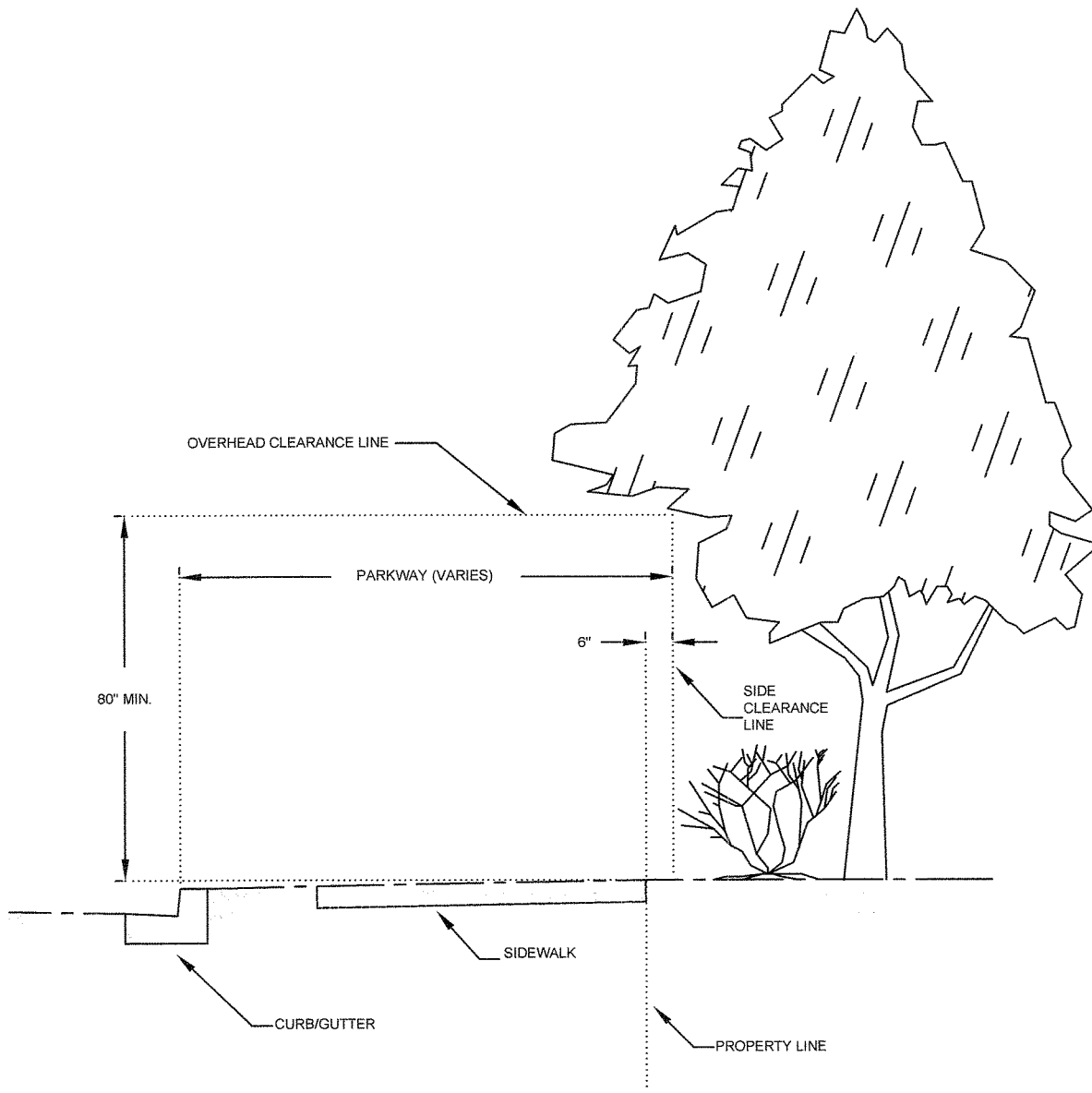
CITY OF WEST COVINA  
 Engineering Dept.

Standard  
 KNUCKLE

DRAWN: A.L.D. SCALE: 1" = 40'  
 CHECKED: T.J.D. DATE: 6/21/56

APPROVED: *R.E. Pennington*  
 R.E. 7875 CITY ENGINEER DRAWING NO. A-111

2-8-68 *R.E. Pennington* APPROVED  
 REVISED



CITY OF WEST COVINA  
ENGINEERING DIVISION

**STANDARD SIDEWALK CLEARANCE FOR  
TREES & HIGH SHRUBS**

DRAWN BY: ASTY

SCALE: NONE

CHECKED BY: OC

DATE: 2/2012

REV:

SHEET: 1 OF 1

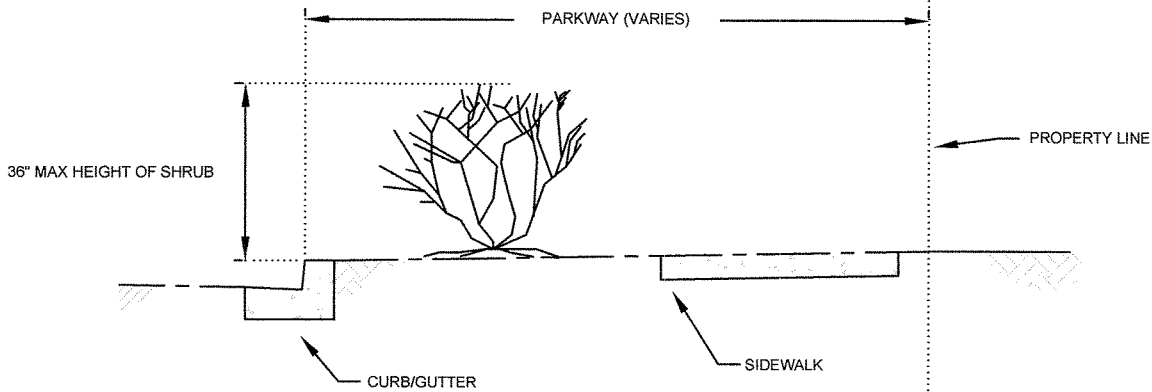
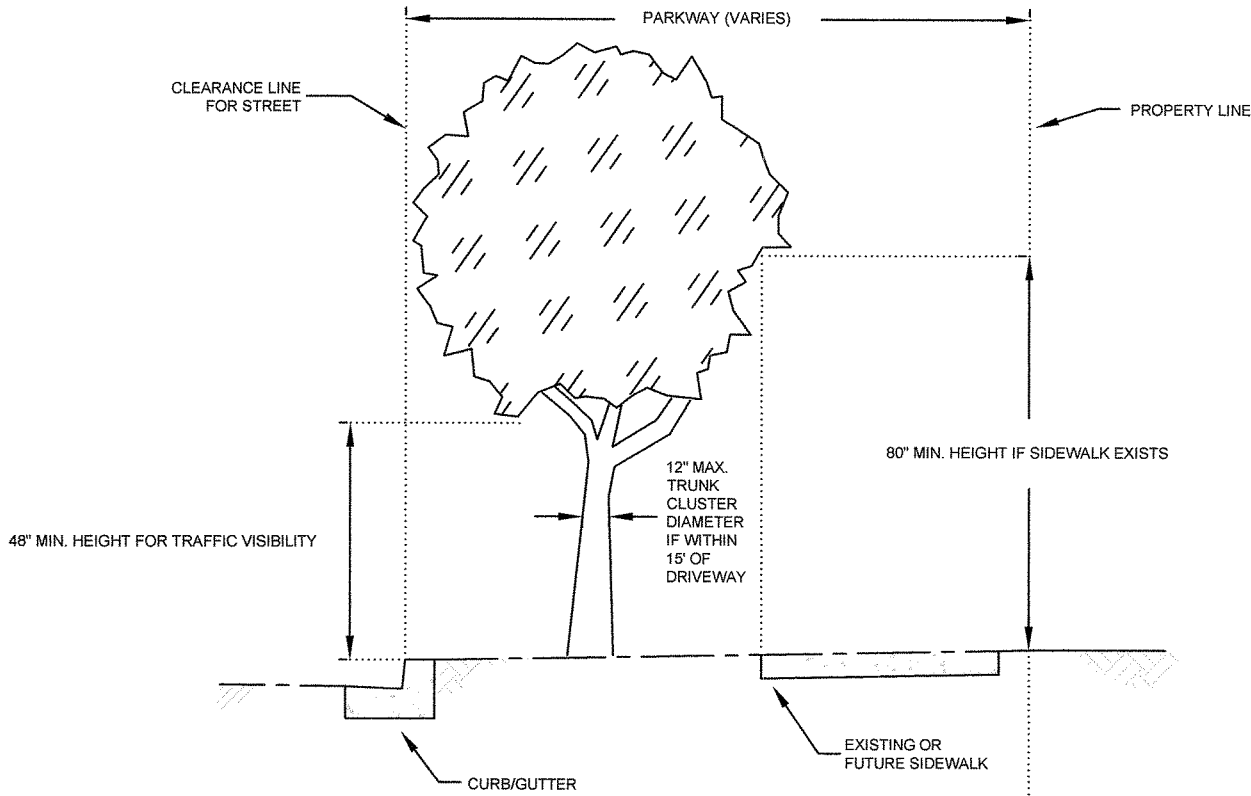
APPROVED:  
49909  
R.C.E.

*[Signature]*  
CITY ENGINEER

DRAWING  
NUMBER



**A-132**

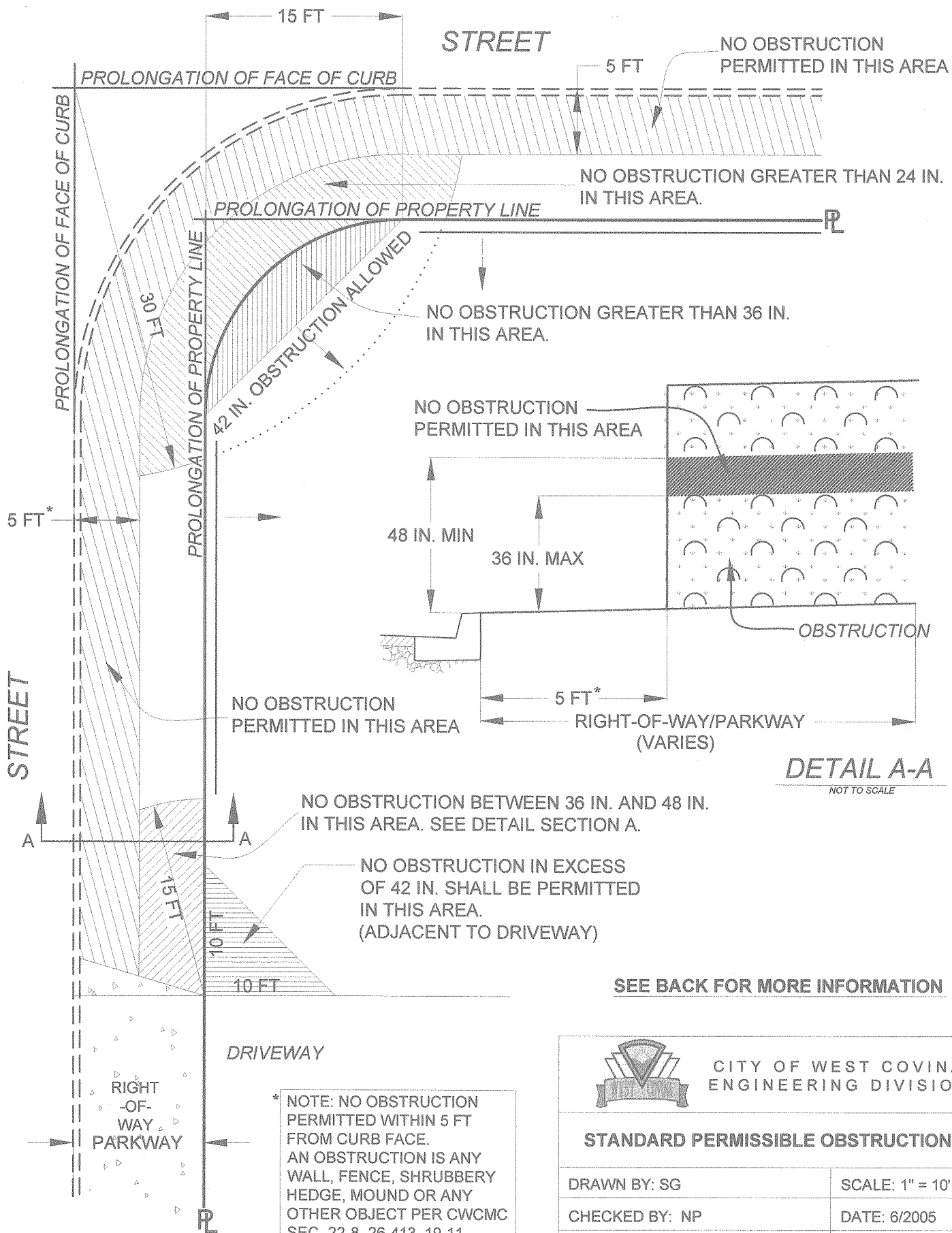




**NOTES:**

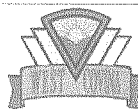
1. NO OBSTRUCTING SHRUB TO BE WITHIN 25 FT IN FRONT OF AN EXISTING TRAFFIC SIGN
2. CLEARANCE FOR TRAFFIC IS 14' FROM ROAD SURFACE
3. REFER TO STD. DRAWING A-134 FOR CLEARANCE AT CORNERS

 <p>CITY OF WEST COVINA ENGINEERING DIVISION</p>	
<p><b>STANDARD PARKWAY CLEARANCE FOR SHRUBS (EXCEPT AT CORNERS)</b></p>	
DRAWN BY: ASTY	SCALE: NONE
CHECKED BY: OC	DATE: 2/2012
REV:	SHEET: 1 OF 1
APPROVED: 49909 R.C.E	 CITY ENGINEER
<p>DRAWING NUMBER <b>A-133</b></p>	



**DETAIL A-A**  
NOT TO SCALE

SEE BACK FOR MORE INFORMATION



CITY OF WEST COVINA  
ENGINEERING DIVISION

**STANDARD PERMISSIBLE OBSTRUCTIONS**

DRAWN BY: SG	SCALE: 1" = 10'
CHECKED BY: NP	DATE: 6/2005
REV: ASTY, 1/2012	SHEET: 1 OF 1
APPROVED: 49909 R.C.E.	DRAWING NUMBER <b>A-134</b>

*[Signature]*  
CITY ENGINEER

**Sec. 24-22. Permission required for planting, maintaining and removal of street trees.**

Except as otherwise provided in this article and Chapter 26, Article VI, Division 8, it shall be unlawful for any person to plant, maintain (except watering), or remove any street trees without prior written permission from the director in accordance with section 24-18 and when applicable section 26-293(c). The director may grant permission subject to the condition that any removed street tree be replaced by a tree in accordance with section 24-18 and when applicable section 26-193(c). No such permission shall be valid for a period longer than thirty (30) days after its date of issuance. (Ord. No. 1714, § 1, 4-14-86; Ord. No. 1864, § 2, 11-12-90)

**Sec. 22-8. Obstruction to visibility at intersections or driveways.**

No person owning, controlling or responsible for the maintenance of any fence, wall, mound, hedge, shrubbery, or any other obstruction which so restricts the view of pedestrian or vehicular traffic as to cause a hazard or danger thereto, located within the parkway portion of any public street, shall allow or permit or cause the same to:

- (a) Exceed a height of twenty-four (24) inches above the top of curb grade level at the place where the same is situated if it is located within a distance of thirty (30) feet from the point where the projected curb-lines of any two (2) or more intersecting or intercepting streets intersect, or
- (b) Exceed a height of thirty-six (36) inches above the top of curb grade level at the place where the same is situated if it is located within a distance of fifteen (15) feet from either side of a private driveway at the point where it crosses such parkway; provided, however, that, shrubs shall not be prohibited by this subparagraph (b) if and while all foliage thereof is kept trimmed and pruned up to a height of at least forty-eight (48) inches above such top of curb grade level with clear visibility beneath such height of forty-eight (48) inches and does not violate any other provisions of this Code.

**Sec. 26-413. Wall, fence or hedge permitted.**

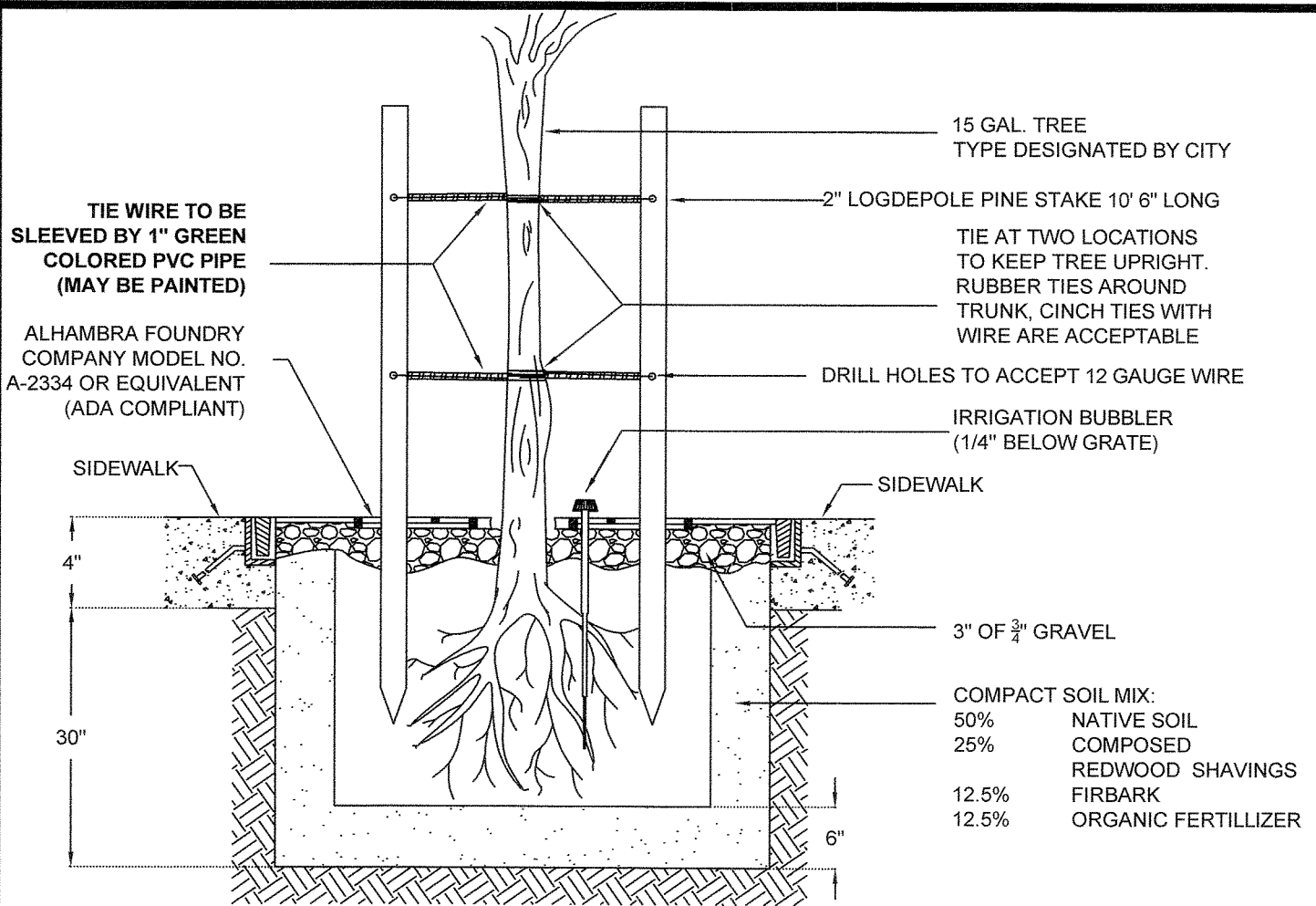
- (a) *Within required front yard.* Except as otherwise stated below, walls, fences, and hedges within the required front yard shall not exceed a maximum height of forty-two (42) inches (3 feet, 6 inches). Nonsolid walls and fences in excess of forty-two (42) inches and up to a maximum height of six (6) feet may be erected provided that the portion in excess of forty-two (42) inches shall be constructed of decorative wood, wrought iron, tubular steel, or like material such that at least seventy (70) percent of the plane of the fence or wall in excess of forty-two (42) inches in height is open. Columns, posts, and pillars may be incorporated into the design of the fence or wall if the requirement for visibility is met.
  - (1) *Corner cutback area.* On corner lots, walls, fences, hedges, trees, or other physical obstructions shall not exceed a maximum height of thirty-six (36) inches (3 feet) within a triangular area formed by lines extending fifteen (15) feet along the front and side property lines from the intersecting point of the front property line and street side property line, and a diagonal line connecting the two (2) lines.
- (b) *Within areas other than required front yard.* Walls and fences within areas other than the required front yard shall not exceed a maximum height of six (6) feet, with the exception that walls and fences in excess of six (6) feet and up to a maximum height of seven (7) feet may be permitted subject to approval of an administrative use permit pursuant to the provisions of sections 26-270 through 26-274. Such walls and fences in excess of six (6) feet shall require the issuance of a building permit.
  - (1) *Findings.* Before an administrative use permit may be granted for a wall or fence in excess of six (6) feet, the following findings shall be made:
    - a. That the proposed wall or fence is needed to provide safety, security, and/or privacy for the subject property.
    - b. That the proposed wall or fence will not unreasonably disrupt access to light and views or otherwise infringe upon the use and enjoyment of adjacent properties.

- c. That the proposed wall or fence has been designed in an architecturally integrated manner and utilizes materials that are complimentary to and compatible with the surrounding area.

- (c) *Walls and fences adjacent to arterial streets.* For single-family residential lots, walls, fences, and hedges along the side and rear property lines adjacent to the rights-of-way of streets designated as principal or minor arterials on the master plan of streets and highways shall be permitted up to a maximum height of eight (8) feet, provided that walls and fences in such locations shall also be subject to the height restrictions contained in subsection (a) (1) and (e), where applicable. Such walls and fences in excess of six (6) feet shall require the issuance of a building permit. In locations described above, a masonry wall eight (8) feet in height shall be required on lots for which building permits for new single-family residences are obtained after 1989.
- (d) *Hedges adjacent to arterial streets and commercial zones.* For single-family residential lots, hedges along the side and rear property lines adjacent to the rights-of-way of streets designated as principal or minor arterials on the master plan of streets and highways and adjacent to commercially-zoned properties shall be permitted up to a maximum height of ten (10) feet, provided that hedges in such locations shall also be subject to the height restrictions contained in subsections (a)(1) and (e), where applicable.
- (e) *Driveway cutback area.* Where a driveway provides direct access to a street (not including alleys), no hedge, solid wall or fence in excess of forty-two (42) inches in height shall be permitted within a triangular area formed by one line extending along the edge of the driveway for the first ten (10) feet inward from the inner edge of the sidewalk or the edge of the street (if no sidewalk exists), one line extending outward ten (10) feet at a ninety (90) degree angle from the first line, and a diagonal line connecting the two lines. Nonsolid walls and fences up to a maximum height of six (6) feet may be erected provided that the portion in excess of forty-two (42) inches shall be constructed of decorative wood, wrought iron, tubular steel, or like material such that at least seventy (70) percent of the plane of the fence or wall in excess of forty-two (42) inches in height is open. Columns, posts, and pillars may be incorporated into the design of the fence or wall if the requirement for visibility is met. This restriction shall apply to all portions of the triangular area encompassing the subject and any adjoining properties.

**Sec. 19-11. Obstructions in streets.**

- (a) No person shall erect, construct, place, maintain, leave or abandon any building, fence, porch, steps, post, pole, track, wire, pipe, conduit or other structure in whole or in part in or upon any street within the city, and no person shall place, affix, paint, maintain, leave or abandon any seat, bench, table, stand, material or other obstruction in any street within the city, without a permit to do so first had and obtained from the traffic authority or the city engineer, provided, however, that, the provisions of this section shall not apply to:
  - (1) The U.S. mailboxes.
  - (2) Poles and facilities of public utilities lawfully using the public streets of said city.
  - (3) Portable and usual garbage and rubbish receptacles when conforming to and placed in accordance with the rules and regulations of the city with reference thereto.
  - (4) Notices, placards, posters or any of the other articles or means above mentioned or referred to, erected or placed by any city or public officer, official or employee acting within the scope of his or her office or employment as such public officer, official or employee.
- (b) The chief of police is authorized to remove any obstruction existing in any street in violation of the provisions of this section and to store the same in the city yard. The owner of any property removed from any street may claim the same within sixty (60) days after the date of its removal and upon payment of the actual cost of removal, not to exceed twenty-five dollars (\$25.00), the property shall be released to claimant.



TIE WIRE TO BE SLEEVED BY 1" GREEN COLORED PVC PIPE (MAY BE PAINTED)

ALHAMBRA FOUNDRY COMPANY MODEL NO. A-2334 OR EQUIVALENT (ADA COMPLIANT)

15 GAL. TREE TYPE DESIGNATED BY CITY

2" LOGDEPOLE PINE STAKE 10' 6" LONG

TIE AT TWO LOCATIONS TO KEEP TREE UPRIGHT. RUBBER TIES AROUND TRUNK, CINCH TIES WITH WIRE ARE ACCEPTABLE

DRILL HOLES TO ACCEPT 12 GAUGE WIRE

IRRIGATION BUBBLER (1/4" BELOW GRATE)

SIDEWALK

SIDEWALK

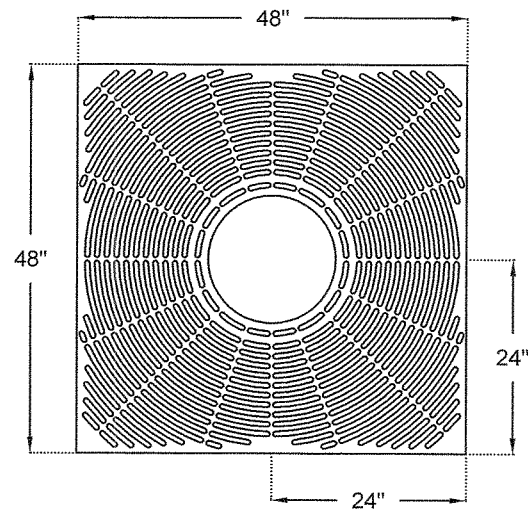
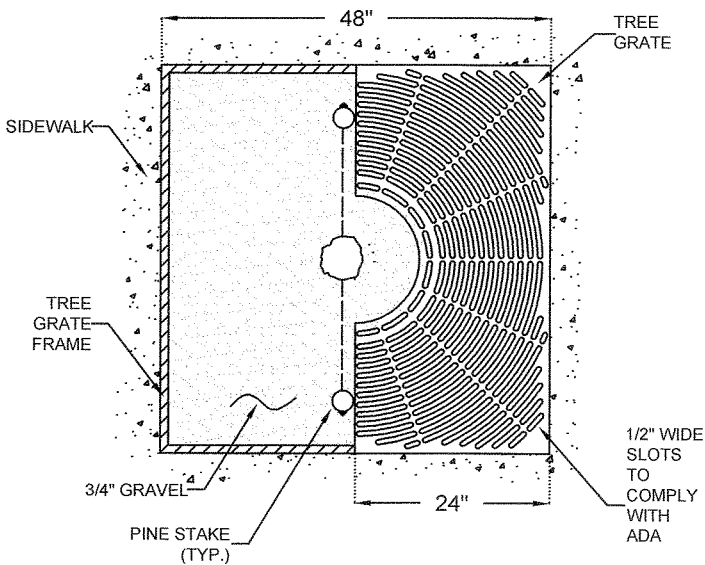
4"

3" OF 3/4" GRAVEL

30"

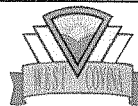
COMPACT SOIL MIX:  
50% NATIVE SOIL  
25% COMPOSED REDWOOD SHAVINGS  
12.5% FIRBARK  
12.5% ORGANIC FERTILLIZER

6"



**NOTES:**

1. THE CITY ENGINEER OR HIS DESIGNATE SHALL DETERMINE IF THE TREE WELL SHOULD BE NEXT TO THE CURB OR NEAR THE PROPERTY LINE, AND IF GRATE WILL BE REQUIRED.
2. WHEN THE SIDEWALK CLEARANCE NEXT TO THE TREE WELL IS FOUR (4) FEET OR MORE, THE WELL WILL BE BACKFILLED FLUSH WITH THE SIDEWALK WITHOUT A TREE GRATE.
3. WHEN THE SIDEWALK CLEARANCE NEXT TO THE TREE WELL IS LESS THAN FOUR (4) FEET, THEN THE TREE GRATE (OR 1/2 THE TREE GRATE, IF APPROVED BY CITY ENGINEER) SHALL BE INSTALLED TO MEET ADA REQUIREMENTS.



CITY OF WEST COVINA  
ENGINEERING DIVISION

**STANDARD TREE WELL  
AND GRATE INSTALLATION**

DRAWN BY: ASTY/AD	SCALE: NONE
CHECKED BY: OC	DATE: 1/2012
REV:	SHEET: 1 OF 1
APPROVED: 49909 R.C.E.	DRAWING NUMBER <b>A-138</b>

CITY ENGINEER

*SINGLE AND DOUBLE  
TRASH ENCLOSURES*

*CITY of WEST COVINA*

*STANDARD*

*TRASH ENCLOSURES*

*DRAWN BY: BAM*

*SCALE:*

*CHECKED BY: CAW*

*DATE: 10-1-82*

*APPROVED BY: Howard Thomas*

*DRAWING No*

*REVISED BY*

*APPROVED BY*

*DATE*

*R.E. 18542*

*CITY ENGINEER*

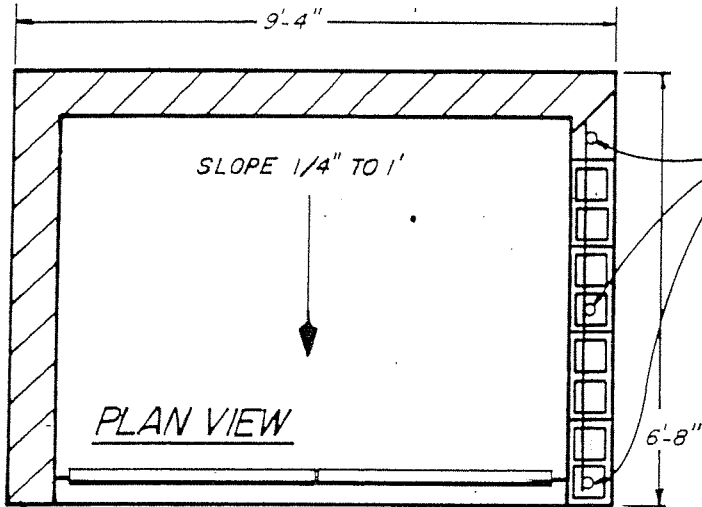
*A-142 1 of 3*

# SINGLE UNIT TRASH ENCLOSURE A-142

Scale 1"=3'

CHECKED BY  
C.A. WHITEMORE

APPROVED BY  
Henry W. Thomas

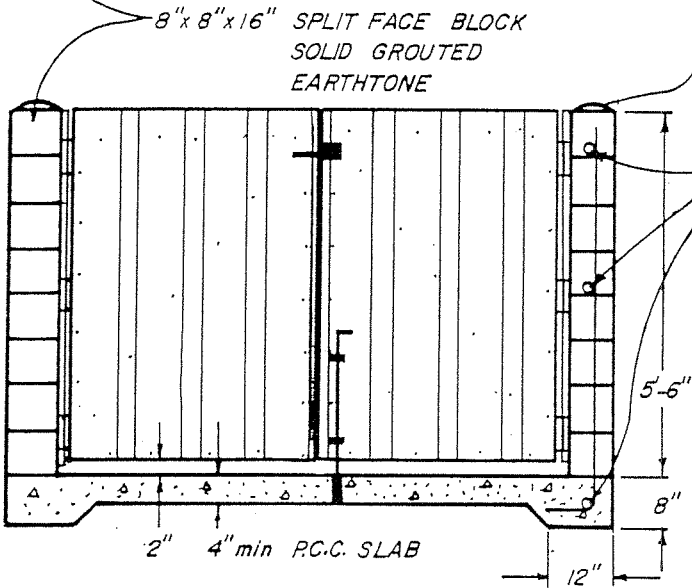


PLAN VIEW

No. 4 REBAR 32" ac.

2" MORTAR CAP

3 No. 4 REBAR CONTINUOUS



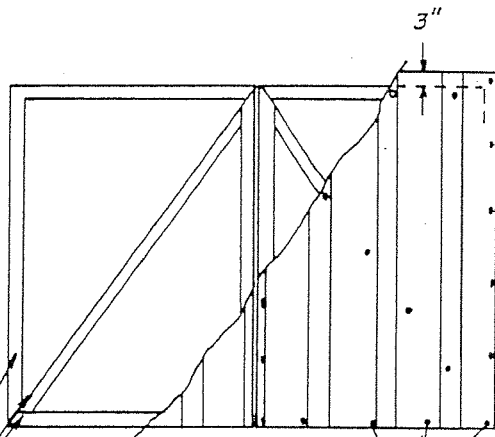
ELEVATION

NOTES:

1. ALL METAL SURFACES SHALL BE PAINTED WITH A RUST PREVENTATIVE BLACK PAINT
2. GATE TO BE SECURED BY AN AUTOMATIC GATE LATCH AND A CANE BOLT LATCH AS SHOWN
3. GATE FRAME COVERING TO BE 5/8" T-1-11 PLYWOOD PAINTED BROWN (F.S. 595)

## HINGE DETAIL

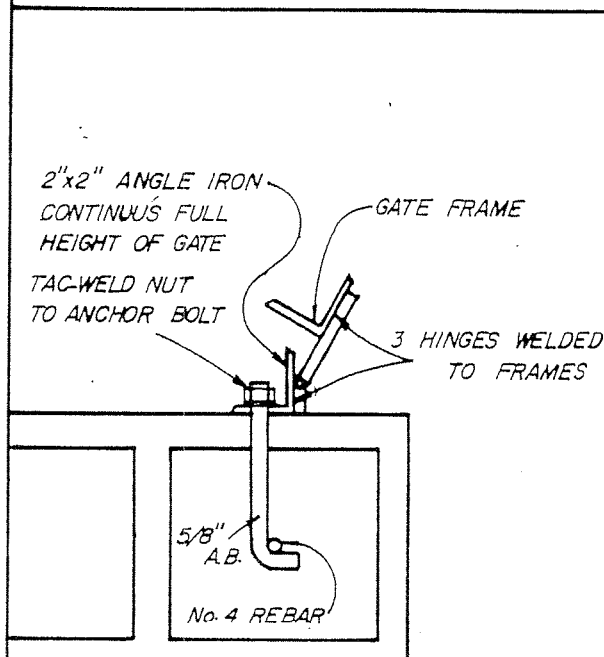
1" = 6"



GATE DETAIL

2" x 2" ANGLE IRON  
ALL JOINTS WELDED

1/2" CARRIAGE BOLTS w/ LOCK  
WASHERS & HEX NUTS @ ± 12" ac.



2" x 2" ANGLE IRON  
CONTINUOUS FULL  
HEIGHT OF GATE  
TAC-WELD NUT  
TO ANCHOR BOLT

GATE FRAME

3 HINGES WELDED  
TO FRAMES

5/8" A.B.

No. 4 REBAR

# DOUBLE UNIT TRASH ENCLOSURE

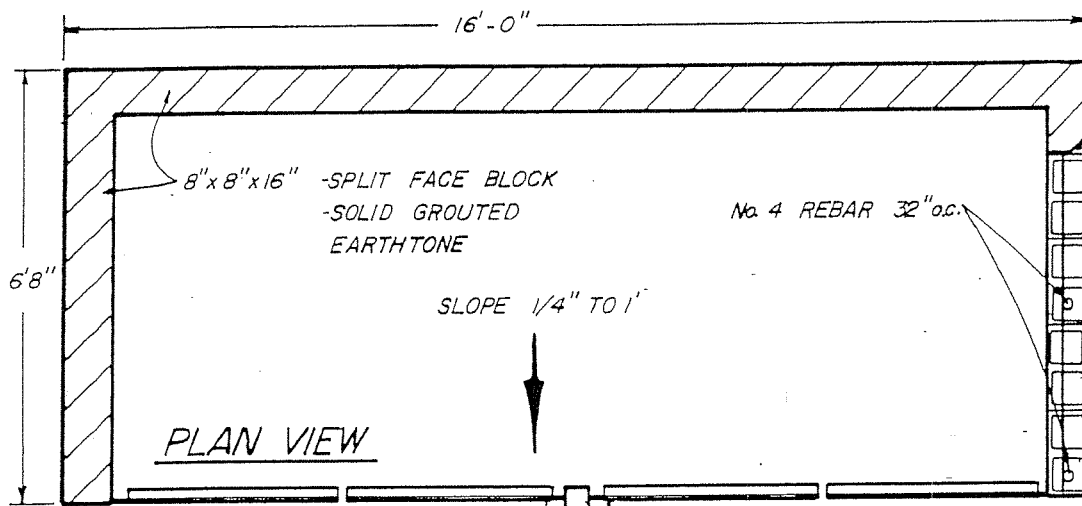
A-142

DRAWN BY  
B.A.M.

CHECKED BY  
C.A. WHITTEMORE

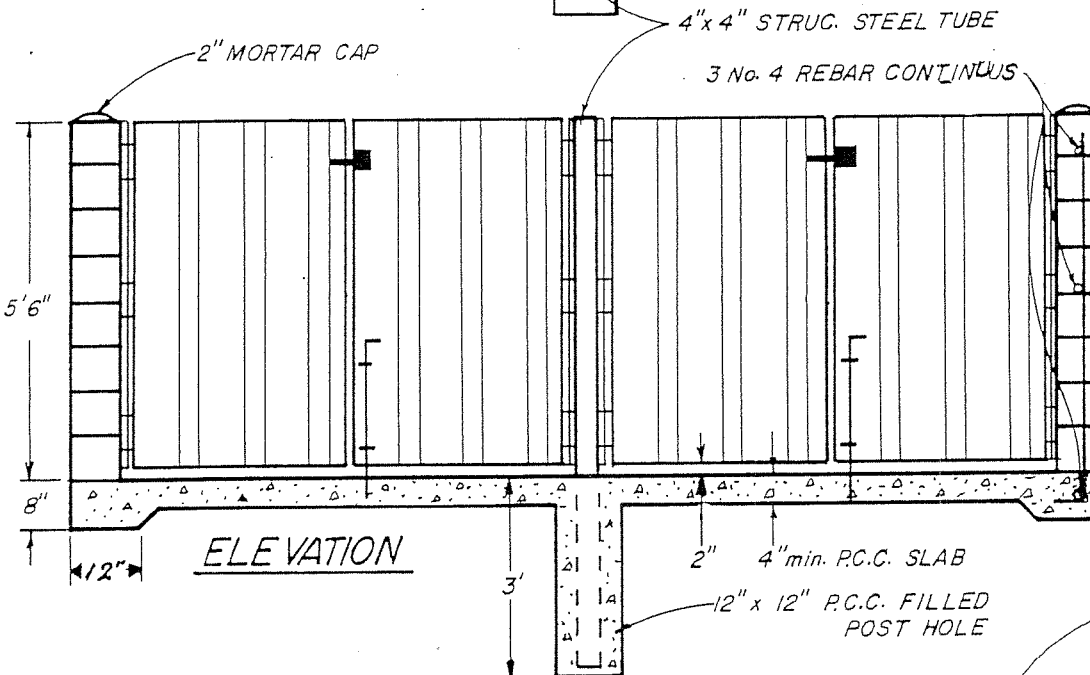
APPROVED BY  
Harry W. Thomas

SCALE  
1" = 3'

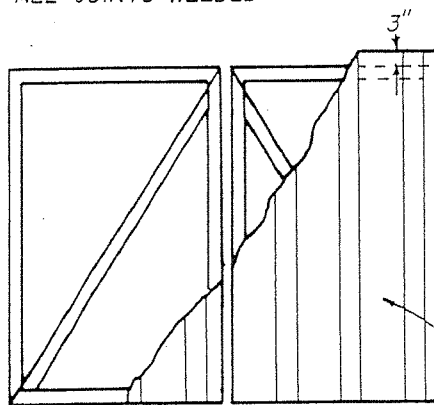


NOTES:

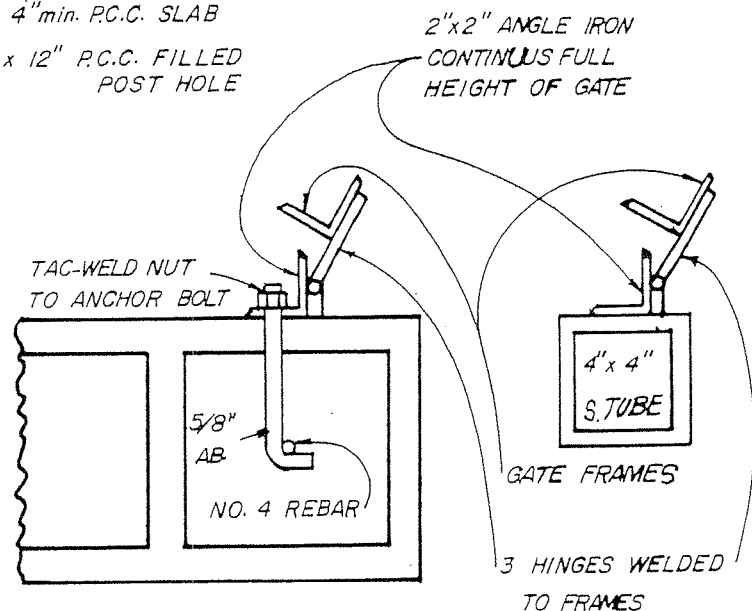
1. ALL METAL SURFACES TO BE PAINTED WITH A RUST PREVENTATIVE BLACK PAINT
2. GATE TO BE SECURED BY AN AUTOMATIC GATE LATCH AND A GANE BOLT LATCH AS SHOWN



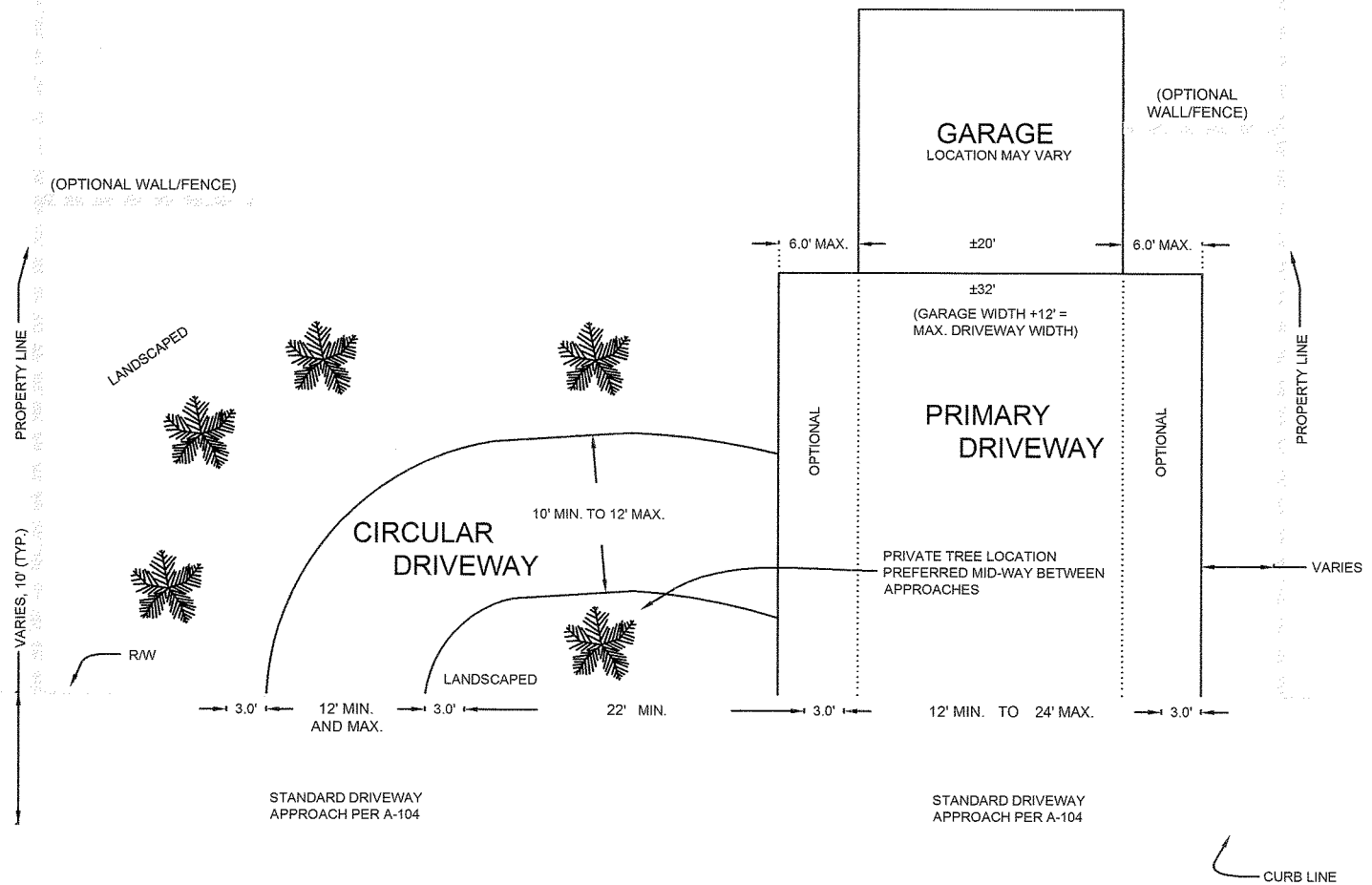
2" x 2" ANGLE IRON  
ALL JOINTS WELDED



5/8" T-1-11 PLYWOOD FASTENED BY 1/2" CARRIAGE BOLTS w/ LOCK WASHERS & HEX NUTS at approx. 12" o.c. AND PAINTED BROWN (F.S. 595)





HOUSE



**NOTES:**

1. DRIVEWAYS ON PRIVATE PROPERTY SHALL BE CONSTRUCTED OF A.C. OR P.C.C. OR AS APPROVED BY PLANNING DEPARTMENT
2. PRIMARY DRIVEWAY IS BY "RIGHTS" AS SHOWN. IF 12' ADDED WIDTH IS TO BE CONSTRUCTED DIFFERENT THAN SHOWN, REQUIRES REVIEW AND APPROVAL BY PLANNING DEPARTMENT.
3. CIRCULAR DRIVEWAY REQUIRES REVIEW AND APPROVAL BY PLANNING DEPARTMENT.
4. WHERE APPROPRIATE, SKETCH BY APPLICANT OF PROPOSED CONSTRUCTION IS REQUIRED FOR PLANNING DEPARTMENT.

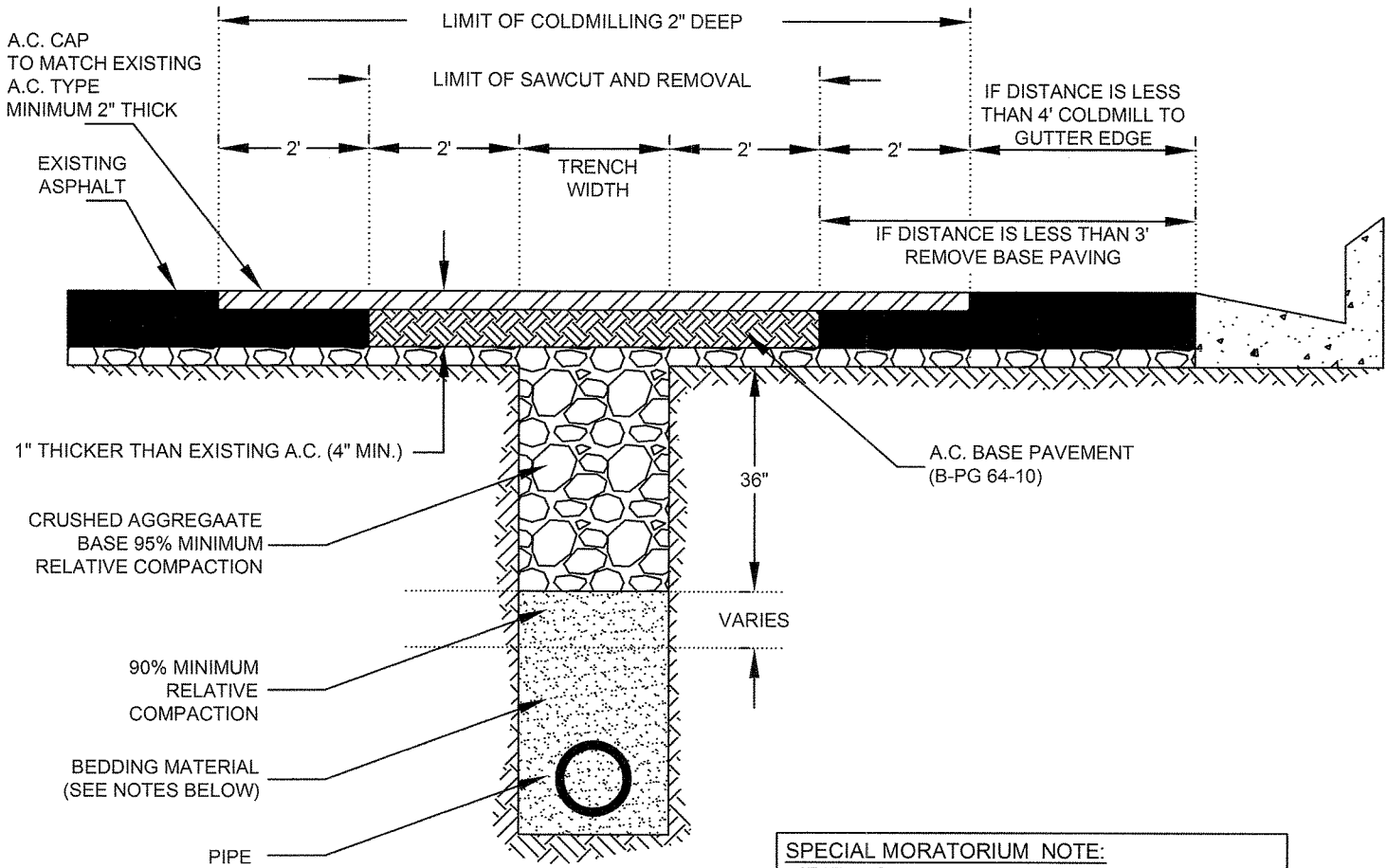
REVISED

 <p>CITY OF WEST COVINA ENGINEERING DIVISION</p>	
<p><b>TYPICAL FRONT YARD DIRECT ACCESS/ CIRCULAR DRIVEWAY</b></p>	
DRAWN BY: ASTY	SCALE: NONE
CHECKED BY: OC	DATE: 06/11
APPROVED BY:	SHEET: 1 OF 1
<p>49909 </p> <p>R.C.E. CITY ENGINEER</p>	<p>DRAWING NO.: <b>A-143</b></p>

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# UTILITY CUTS BACKFILL AND ASPHALTIC CONCRETE CAP



**SPECIAL MORATORIUM NOTE:**  
IF THE STREET HAS BEEN PAVED WITHIN 3  
YEARS OR SLURRIED WITHIN 2 YEARS, THEN  
COMPLY WITH CITY ORDINANCE NO. 2083

**NOTES: BEDDING REQUIREMENTS**

1. BEDDING FOR SEWER LINES SHALL CONFORM TO SECTION 306-1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION)
2. BEDDING FOR STORM DRAIN LINES SHALL CONFORM TO THE L.A.C.P.W.D. (FLOOD CONTROL DIVISION)
3. BEDDING FOR UTILITY LINES SHALL CONFORM TO THE REQUIREMENT OF THE UTILITY COMPANY AS LONG AS IT MEETS OR EXCEEDS THAT OF SECTION 306-1 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION)
4. COLDMILLING AND PAVING SHALL BE CONTINUOUS OVER CONSECUTIVE CUTS UNLESS THE DISTANCE BETWEEN THE CUTS AFTER BEING OVERLAID IN ACCORDANCE TO THIS STANDARD IS MORE THAN 20 FEET.

<span style="font-weight: bold; font-size: 1.2em;">CITY OF WEST COVINA ENGINEERING DIVISION</span>	
TYPICAL TRENCH BACKFILL & REPAVEMENT SECTION	
DRAWN BY: ASTY	SCALE: NONE
CHECKED BY: OC	DATE: 03/11
REV:	SHEET: 1 OF 1
APPROVED BY: 49909 R.C.E. CITY ENGINEER	DRAWING NO.: A-151

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**Sec. 19-73. Street cut moratorium on newly improved streets**

- (a) For streets, alleys, and public places that were reconstructed or overlaid, the following shall apply:
  - (1) No non-emergency streets cuts will be permitted for a period of three (3) years from date of completion
  - (2) In case of a justified emergency (i.e. gas leak, etc.) or where streets cuts have been authorized by the public works director/city engineer (such as in the case of a major development requiring sewer or other utilities) within three (3) years following the completion of reconstruction or overlaid project, the permittee will be required to grind one and one-half (1½) inch of existing asphalt, curb to curb and repave the surface for a distance of at least twenty-five (25) feet (for a traverse street cut) and up to one (1) lane width (for a longitudinal street cut) beyond each side of the trench using a properly licensed contractor
- (b) For streets, alleys, and public places that were slurry sealed, the following shall apply:
  - (1) No non-emergency streets cuts will be permitted for a period of two (2) years from date of completion
  - (2) In case of a justified emergency or where streets cuts have been authorized by the public works director/city engineer within two (2) years following the completion of slurry sealed, the permittee will apply a Type II slurry using a licensed road slurry contractor over the surface, curb to curb, for a distance of at least twenty-five (25) feet (for a traverse street cut) and up to one (1) lane wide (for a longitudinal street cut) beyond each side of the trench. Utilities shall determine alternate methods of making necessary repaved work to avoid excavating in newly improved streets, alleys, and public places
- (c) Emergencies (exceptions) are defined as follow:
  - (1) An emergency that endangers life or property
  - (2) Interruption of essential utility service
  - (3) work that is mandated by the city, state, or federal legislature
  - (4) Service for buildings where no other reasonable means of providing service exist
  - (5) Other situations deemed by the city council to be in the best interest of the general public

(Ord. No. 2083 § 1, 4-16-02)

**Editors note** - Ord. No. 2083, § 1, adopted April 16 2002, set out provisions pertaining to street cut moratorium on newly improved streets to be codified as § 19-66. As § 19-66 pre-existed said ordinance, these provisions have been included as § 19-73 at the discretion of the editor to read herein set out. See the Code Comparative Table.

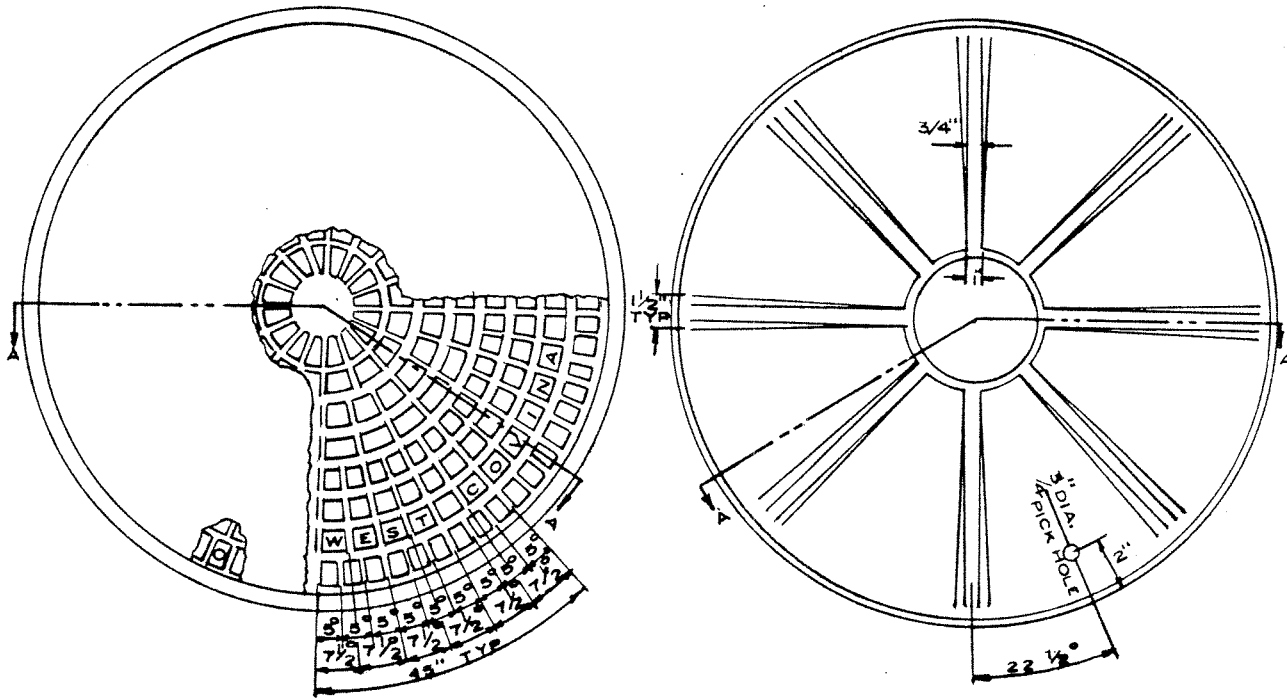
**Sec. 19-74-19-80. Reserved.**

**DIVISION 2. PERMITS\***

**Sec. 19-81. Required**

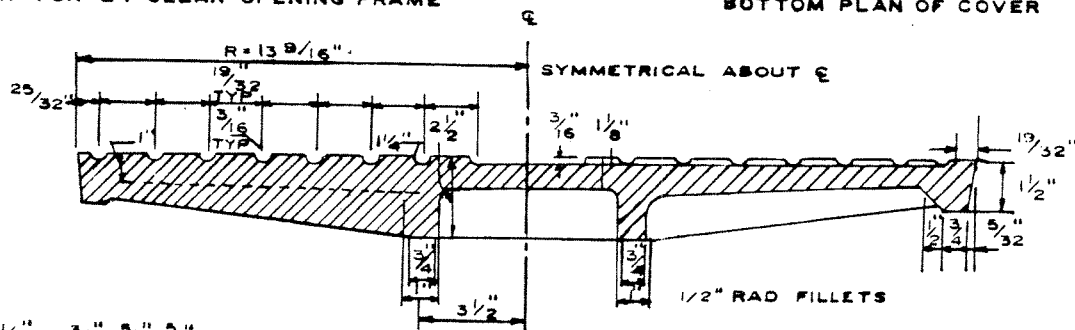
No person shall make any excavation or perform any other work in or under the surface of any street, alley, sidewalk, easement or other public place in the city without first obtaining from the city engineer a written permit to make such excavation or perform such work.  
(Code 1960, § 7201)

\* Cross reference - Licenses and business regulations, Ch. 14

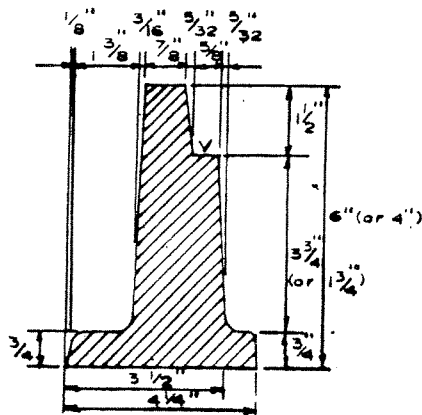


COVER FOR 24" CLEAR OPENING FRAME

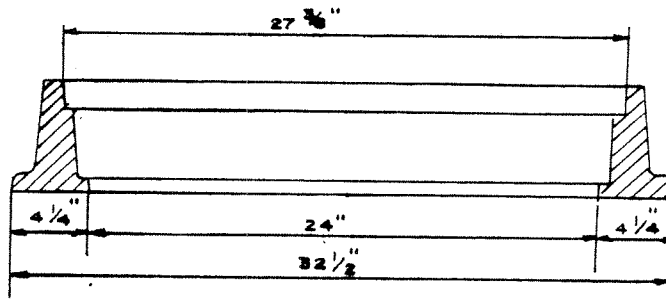
BOTTOM PLAN OF COVER



SECTION A - A



DETAIL OF FRAME



SECTION THRU FRAME

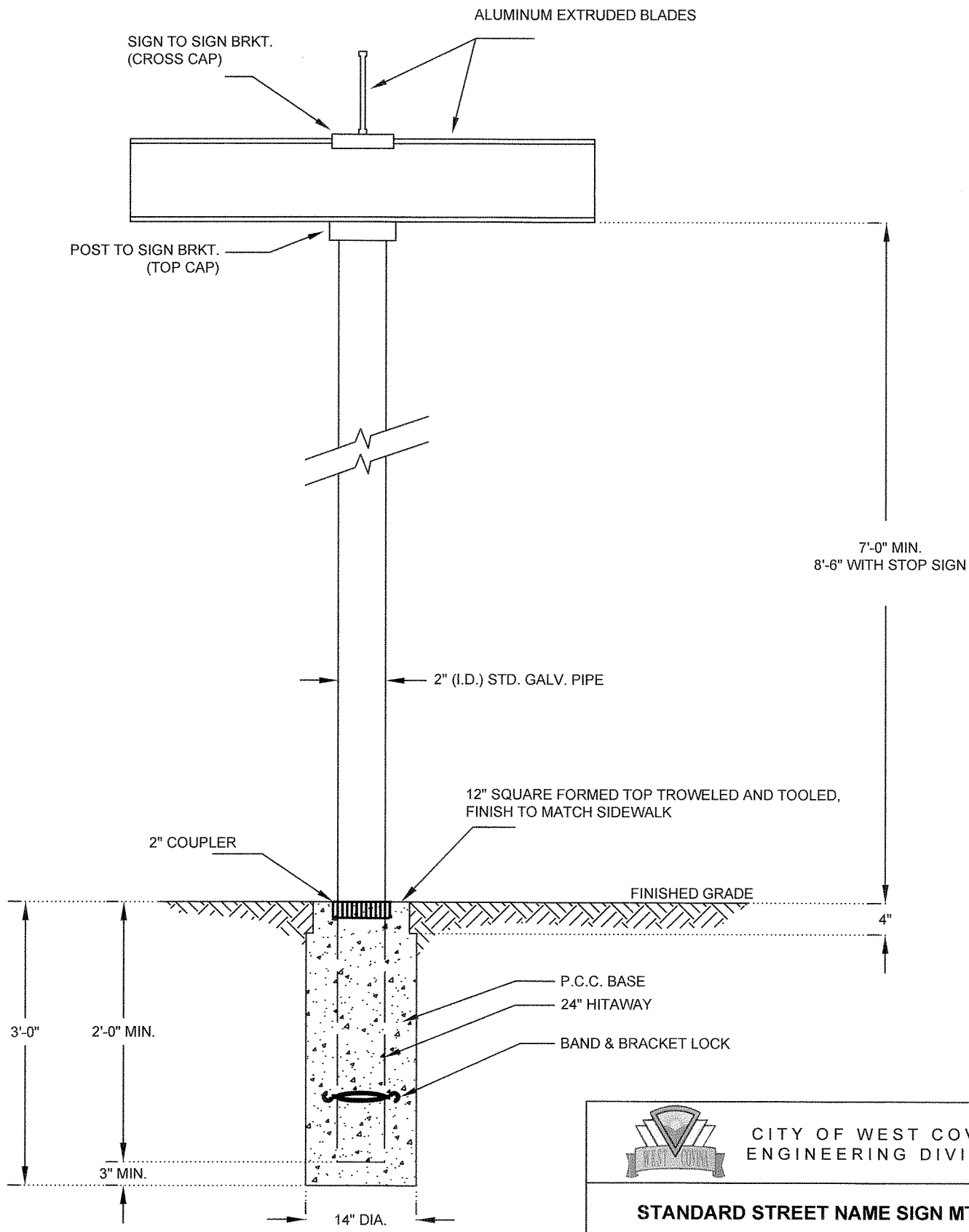
NOTES


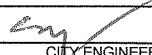
1. MANHOLE FRAMES AND COVERS SHALL BE MADE OF GRAY CAST IRON CONFORMING TO ASTM A-48 CLASS 35, AND PAINTED WITH ASPHALTUM PAINT EXCEPT FOR MACHINED SURFACES.
2. MANHOLE FRAMES SHALL BE EITHER 4 INCHES HIGH (No. 4) OR 6 INCHES (No. 6) UNLESS OTHERWISE SPECIFIED, FRAMES SHALL BE 6 INCHES HIGH.
3. FRAME AND COVER CONFORM TO THE APWA-AGC STANDARD PLAN No 101-0.
4. WEST COVINA SHALL BE PROVIDED AS INDICATED ON THE DRAWING.
5. THE LETTER "D" FOR DRAIN OR "S" FOR SEWER SHALL BE PROVIDED IN THE CENTER OF THE MANHOLE.

<b>CITY OF WEST COVINA</b>	
<i>Standard</i>	
<b>MANHOLE FRAME &amp; COVER</b>	
DRAWN BY V.R.J.	SCALE NONE
CHECKED BY J.W.G.	DATE 1975
APPROVED <i>P. J. Light</i> R.E. 18640 CITY ENGINEER	DRAWING NO. S-S-2

REVISION	APPROVED BY	DATE	
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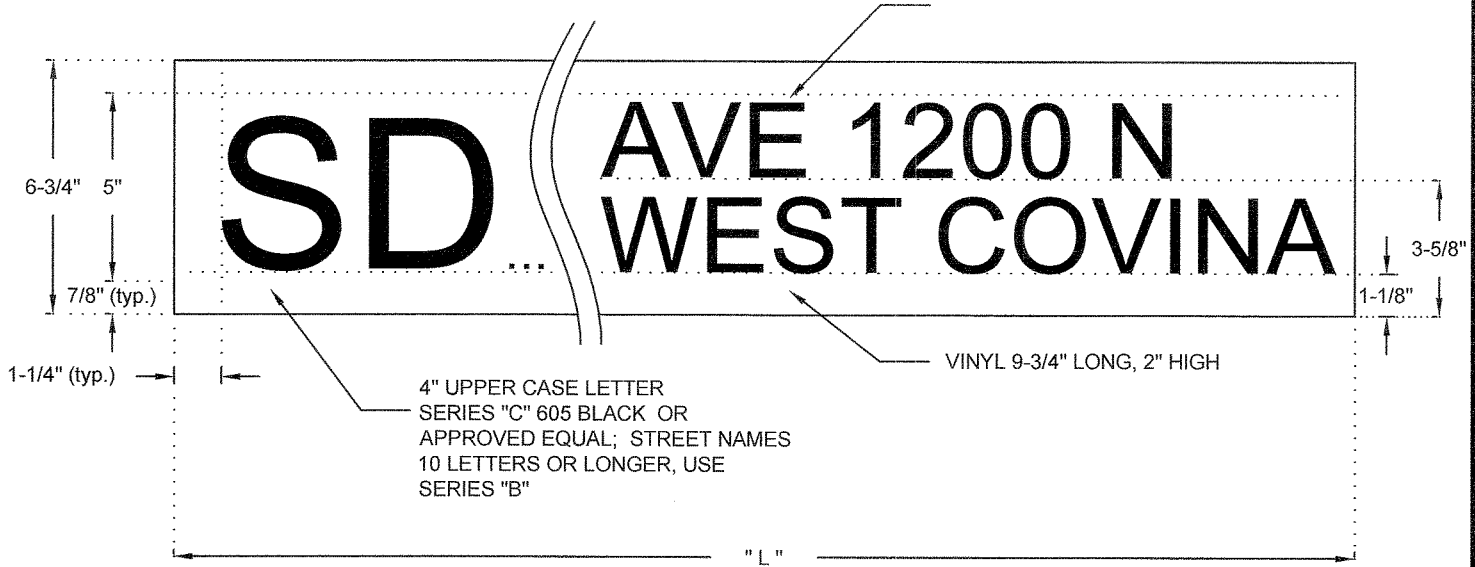




 <b>CITY OF WEST COVINA ENGINEERING DIVISION</b>	
<b>STANDARD STREET NAME SIGN MTG.</b>	
DRAWN BY: ASTY	SCALE: NONE
CHECKED BY: OC	DATE: 1/2012
REV:	SHEET: 1 OF 1
APPROVED: 49909 R.C.E.	 CITY ENGINEER
DRAWING NUMBER	<b>T-1</b>

U:\ENGINEERING\INTERNS\FOLDER\ASTY\TAO\CAD\DRAWINGS\STANDARD\ST-1.DWG

DR., LN., CIR., PL., CT., ETC.,  
 2" SERIES "B" BETTER. LENGTH  
 DEPENDENT ON NUMBER



NOTES:

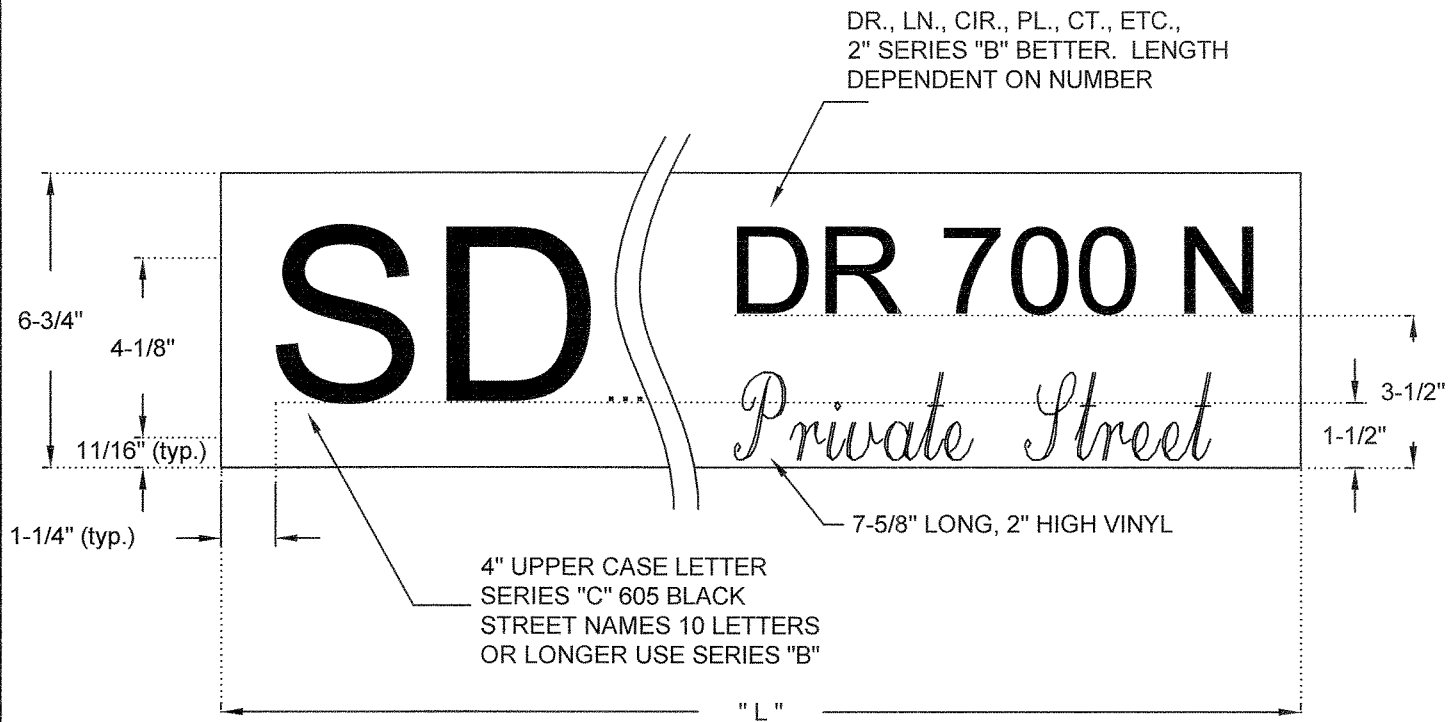
1. "L" DIMENSION SHALL BE 24", 30". OR 36"
2. CROSS SEPARATORS SHALL BE USED FOR TOP OR SIDE MOUNTING.
3. BLANKS ARE OVERLAYED WITH #2270 SILVER HIGH INTENSITY PRISMATIC (HIP) WHITE BOTH SIDES OR APPROVED EQUAL.
4. SEE STANDARD T-1 FOR MOUNTING DETAIL



CITY OF WEST COVINA  
 ENGINEERING DIVISION



STANDARD STREET NAME

DRAWN BY: ASTY	SCALE: NONE
CHECKED BY: OC	DATE: 1/2012
REV:	SHEET: 1 OF 1
APPROVED: 49909 R.C.E.	DRAWING NUMBER T-2A



NOTES:

1. "L" DIMENSION SHALL BE 24", 30". OR 36"
2. CROSS SEPARATORS SHALL BE USED FOR TOP OR SIDE MOUNTING.
3. BLANKS ARE OVERLAYED WITH #2870 SILVER HIGH INTENSITY PRISMATIC (HIP) WHITE BOTH SIDES OR APPROVED EQUAL.
4. SEE STANDARD T-1 FOR MOUNTING DETAIL

 <p>CITY OF WEST COVINA ENGINEERING DIVISION</p>	
<p><b>STANDARD STREET NAME SIGN FOR PRIVATE STREET</b></p>	
DRAWN BY: ASTY	SCALE: NONE
CHECKED BY: OC	DATE: 1/2012
REV:	SHEET: 1 OF 1
APPROVED: 49909 R.C.E.	 CITY ENGINEER
DRAWING NUMBER	<b>T-2B</b>

FIRE LANE SIGN REQUIREMENTS  
FOR  
COMMERCIAL PROPERTY, CONDOMINIUMS  
AND  
APARTMENTS  
GENERAL NOTES

1. Fire lane signs shall conform to City Ordinance No. 1537 and Section 22500.1 C.V.C for commercial property or Section 22-188 W.C.M.C. for condominiums and apartments.
2. The City Engineer's Office will inspect the sign installations to insure conformity to the City Ordinance No. 1537, City Standard Drawing T-39 and Section 22500.1 C.V.C. for commercial property or Section 22-188 W.C.M.C. for condominiums and apartments.
3. Enforcement shall begin after final approval of the installation by the Fire Department.

CONDOMINIUMS AND APARTMENTS

4. Two (2) copies of a plan for fire lane sign installation shall be submitted to the Traffic Committee for plan check and review.
5. The installation plan shall show all of, but not limited to the following items: fire lanes, structures, curbs, sidewalks, driveway approaches, entrances and exits, and all their locations. (See Typical Fire Lane Sign Installation Plan - City Standard Drawing T-39, Sheet 2 of 7.)
6. The Traffic Committee will review and approve, modify or disapprove the Installation Plan.

GENERAL CONSTRUCTION NOTES

1. All signs shall be placed visibly at no more than 200 feet apart or at some lesser distance necessary to provide reasonable notice to all motorists.
2. Each change in direction of the designated fire lanes shall begin a new spacing of signs.
3. Signs shall conform to City Standard Drawing No. T-39, Sheet 3 of 7 or Sheet 4 of 7.
4. Signs shall be mounted and installed as per City Standard Drawing No. T-39, Sheet 5 of 7 or may be installed on the building surface.

**CITY OF WEST COVINA**

**STANDARD**

**FIRE LANE SIGN**

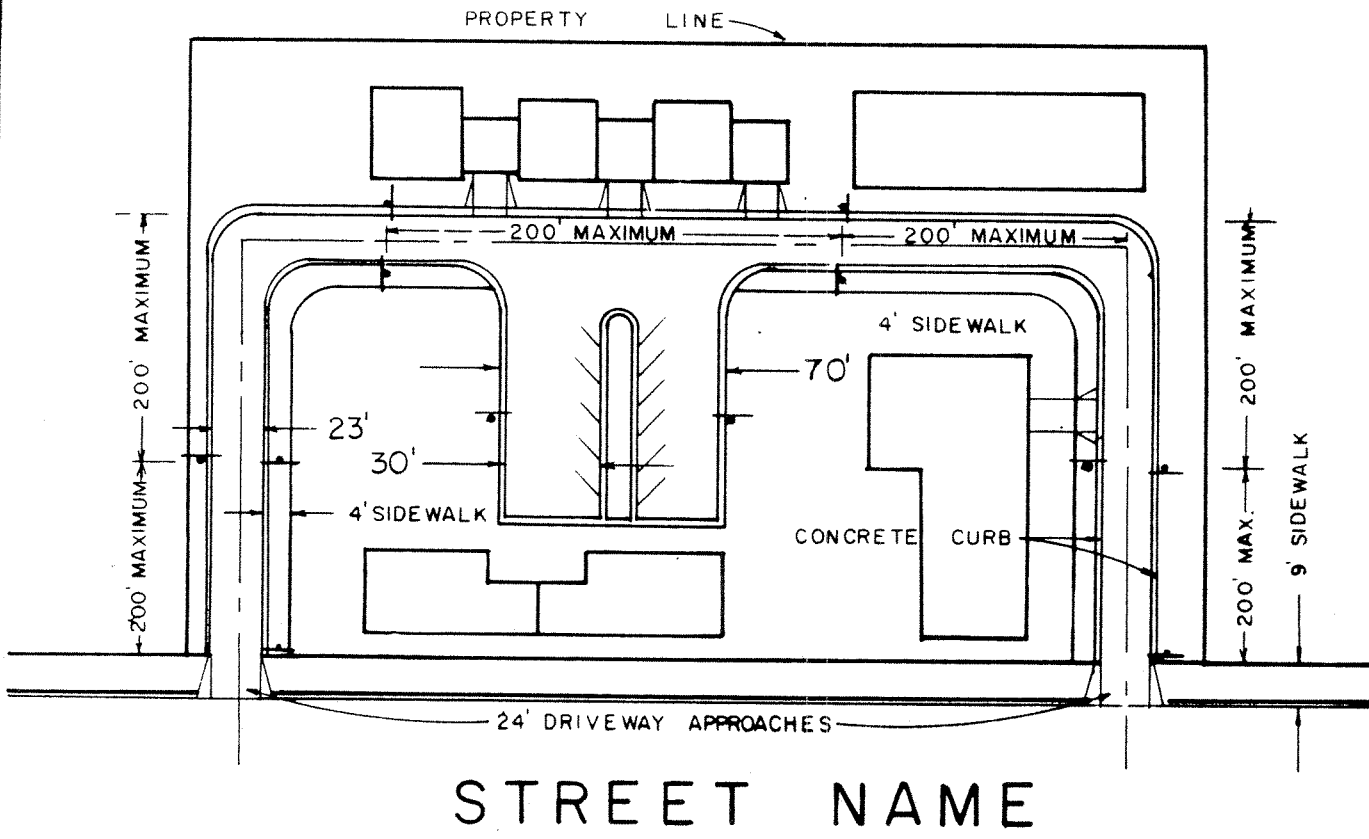
**DRAWN BY: B.A.M. | SCALE: NONE**

**CHECKED BY: G.J.W. | DATE: JULY 28, 1982**

**APPROVED *Harry Williams* | DRAWING No. R.E. 10542 CITY ENGINEER T-39/1 of 7**

REVISION	APPROVED BY	DATE





LEGEND

▲ FIRE LANE SIGN



CITY OF WEST COVINA	
STANDARD TYPICAL SIGN INSTALLATION PLAN	
DRAWN BY: B.A.M.	SCALE: NONE
CHECKED BY: G.J.W.	DATE: JULY 28, 1982
APPROVED <i>Raymond Thomas</i>	DRAWING No.
R.E. USAZ CITY ENGINEER	T-39/2 of 7

REVISION	APPROVED BY	DATE



**COLORS:**

- TOP LEFT
- LEGEND- WHITE
- BACKGROUND- RED
- TOP RIGHT and BOTTOM
- LEGEND- RED
- BACKGROUND- WHITE

- \* REDUCE SPACING 60%
- \*\* REDUCE SPACING 50%

CITY OF WEST COVINA

Standard  
FIRE LANE SIGN

DRAWN BY *B.M.* SCALE APPROX.: 1"=2'-6"

CHECKED BY G.J.W. DATE JULY 22, 1982

APPROVED *Harold Thomas* DRAWING NO

RE18542 CITY ENGINEER T-39/3 of 7

REVISION	APPROVED BY	DATE



**COLORS:**

**TOP LEFT**

LEGEND- WHITE  
BACKGROUND- RED

TOP RIGHT and BOTTOM  
LEGEND- RED  
BACKGROUND- WHITE

\* REDUCE SPACING 60%  
\*\* REDUCE SPACING 50%

CITY OF WEST COVINA

STANDARD

FIRE LANE SIGN

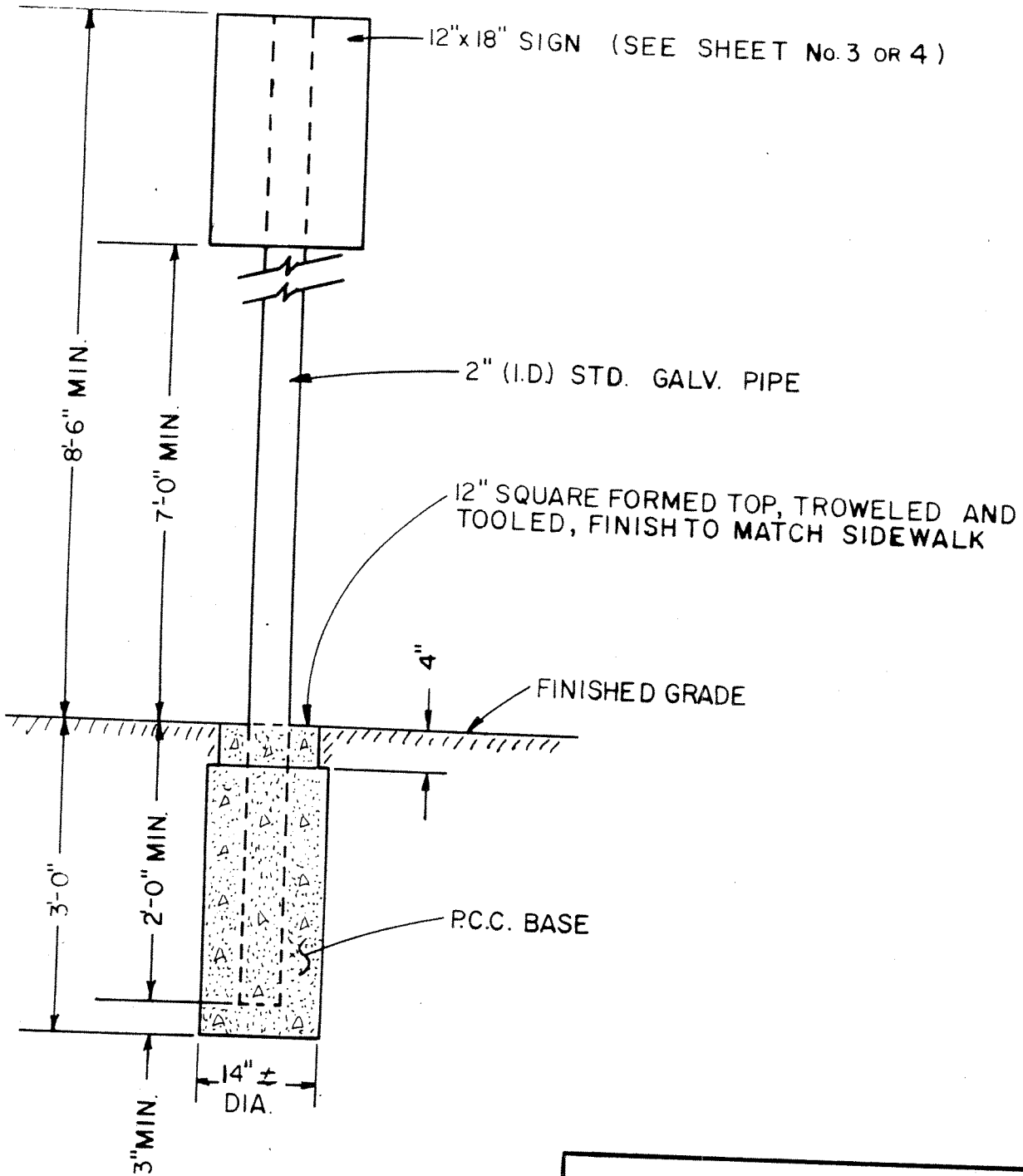
DRAWN BY PM SCALE approx. 1/2" = 2.43'

CHECKED BY DLN DATE 10-29-84

APPROVED  
R.E. CITY ENGINEER

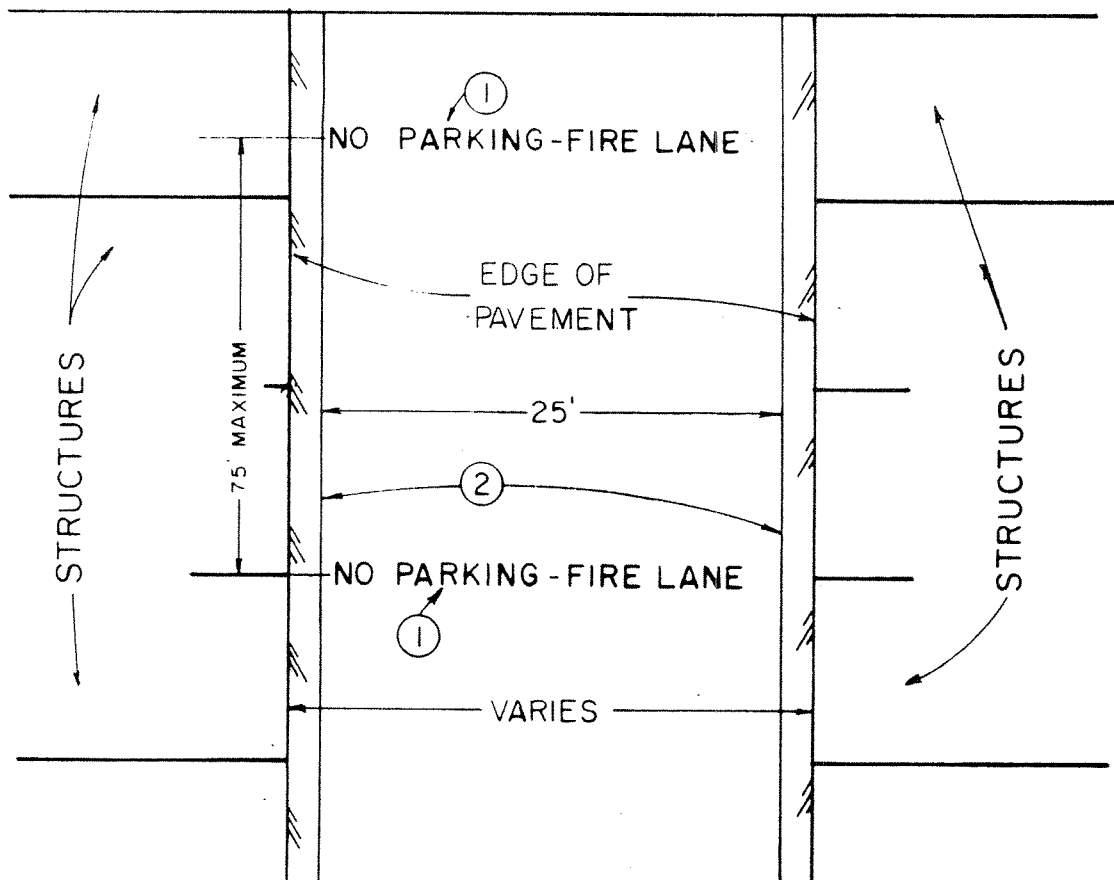
DRAWING No.  
T-39 4 of 7

REVISION	APPROVED BY	DATE



CITY OF WEST COVINA	
STANDARD	
FIRE LANE SIGN	
DRAWN BY: B.A.M.	SCALE: NONE
CHECKED BY: G.J.W.	DATE: JULY, 28, 1982
APPROVED <i>Harry L. Thomas</i>	DRAWING No
R.E. 18542 CITY ENGINEER	T-39/5 of 7.

REVISION	APPROVED BY	DATE



**GENERAL CONSTRUCTION NOTES**

- ① LETTERS TO BE A MINIMUM OF 12 INCHES IN HEIGHT, PAINTED IN CHROME-YELLOW PAINT WITH A 2 INCH STROKE.
- ② RED STRIP 2 INCHES IN WIDTH OR RED CURB

**CITY OF WEST COVINA**

**STANDARD**

INDUSTRIAL OR  
COMMERCIAL FIRE LANE  
BOUNDED BY STRUCTURES

DRAWN BY: B.A.M. SCALE: NONE

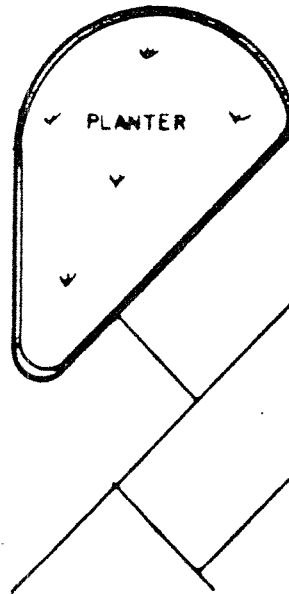
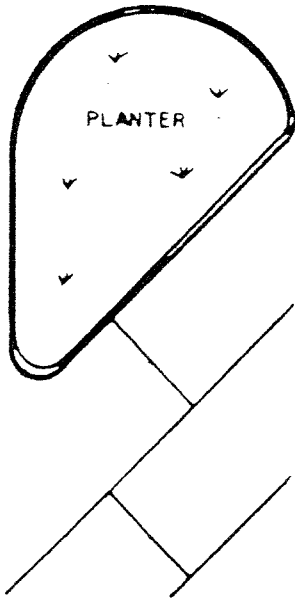
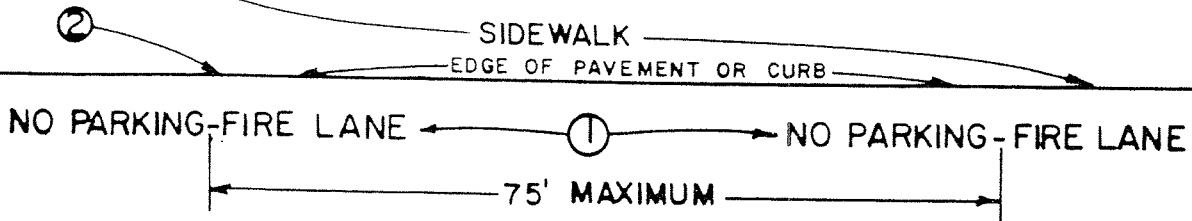
CHECKED BY: G.J.W. DATE: AUG. 3, 1982

APPROVED *Harry W. Thomas*  
R.E. 18542 CITY ENGINEER

DRAWING No  
T-39/ 6 of 7

NOTE 2		4-1-85
REVISION	APPROVED BY	DATE

STRUCTURE



GENERAL CONSTRUCTION NOTES

- ① \_\_\_\_\_ LETTERS TO BE A MINIMUM OF 12 INCHES IN HEIGHT, PAINTED IN CHROME-YELLOW PAINT WITH A 2 INCH STROKE.
- ② \_\_\_\_\_ RED STRIPE 2 INCHES IN WIDTH OR RED CURB.

CITY OF WEST COVINA

STANDARD  
INDUSTRIAL OR COMMERCIAL FIRE LANE  
ADJACENT TO PARKING AREA

DRAWN BY PM	SCALE NONE
CHECKED BY DLN	DATE AUG. 5, 1982

REVISED NOTES		4-1-85	APPROVED	DRAWING No.
REVISION	APPROVED BY	DATE	R.E. CITY ENGINEER	T-39 7 of 7

Orange Background

White Background

Orange Background



Black Border  
Black Letters  
Black Symbol  
With Orange Border

NOTES

1. Signs shall, in general, not exceed two per block, one on each of the street.
2. Signs shall be placed at the entrances to neighborhoods where feasible.
3. No signs shall be placed on private property.
4. Signs shall be mounted on metal or marbleite street lights where possible.
5. Where no street light exists, the sign may be installed on a post to be purchased by the neighborhood.
6. No sign shall be placed on an Edison wood pole.
7. No sign shall be mounted on a tree.
8. No sign shall obstruct a traffic control device.
9. There shall be a seven-foot clearance to the bottom of the sign.
10. The sign must be mounted with band and buckle.
11. The mounted sign shall be inspected by the City.

CITY OF WEST COVINA Engineering Department	
<i>Standard</i>	
<b>NEIGHBORHOOD WATCH SIGN</b>	
DRAWN BY: <i>LH</i>	SCALE: NO SCALE
CHECKED BY:	DATE: 30 AUG. 1982
APPROVED: <i>Harold Thomas</i>	DRAWING No.
R.C.E./85-2 CITY ENGINEER	T-40

REVISED	APPROVED