

SECTION X
STANDARD DRAWINGS

Standard No. Description

C-1	Residential Driveway
C-2	industrial & Commercial Driveway
C-3.1	Residential Driveway
C-3.2	Industrial & Commercial Driveway
C-4	Sidewalk Landing Detail - Local Intersections
C-5	Sidewalk Landing Detail -Highway Intersections
C-6	Sidewalk Encroachments
C-7	Wheelchair Ramp Detail
C-8	Alley Intersection Detail
D-1.1	Park-way Drywell, Inlet Details
D-1.2	Park-way Drywell, Interceptor & Drywell Details
D-1.3	Parkway Drywell, Gutter Drain
D-1.4	Parkway Drywell, Gutter Drain installation
D-2	Under Sidewalk Drains
D-3	Detention Basin Outlet Structure
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D-6	Concrete Encasement
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G-1.1	Residential cul-de-sac, 58' Street
G-1.2	Residential cul-de-sac, 60' Street
G-2	Commercial cul-de-sac
G-4	Curb Return Grade Calculation
I-1	Automatic Controller (Outdoors)
I-2	Electric Meter Pedestal
I-3	Remote Control Valve (Straight Type)
I-4	Remote Control Valve (Angle
I-5	Quick Coupling Valve

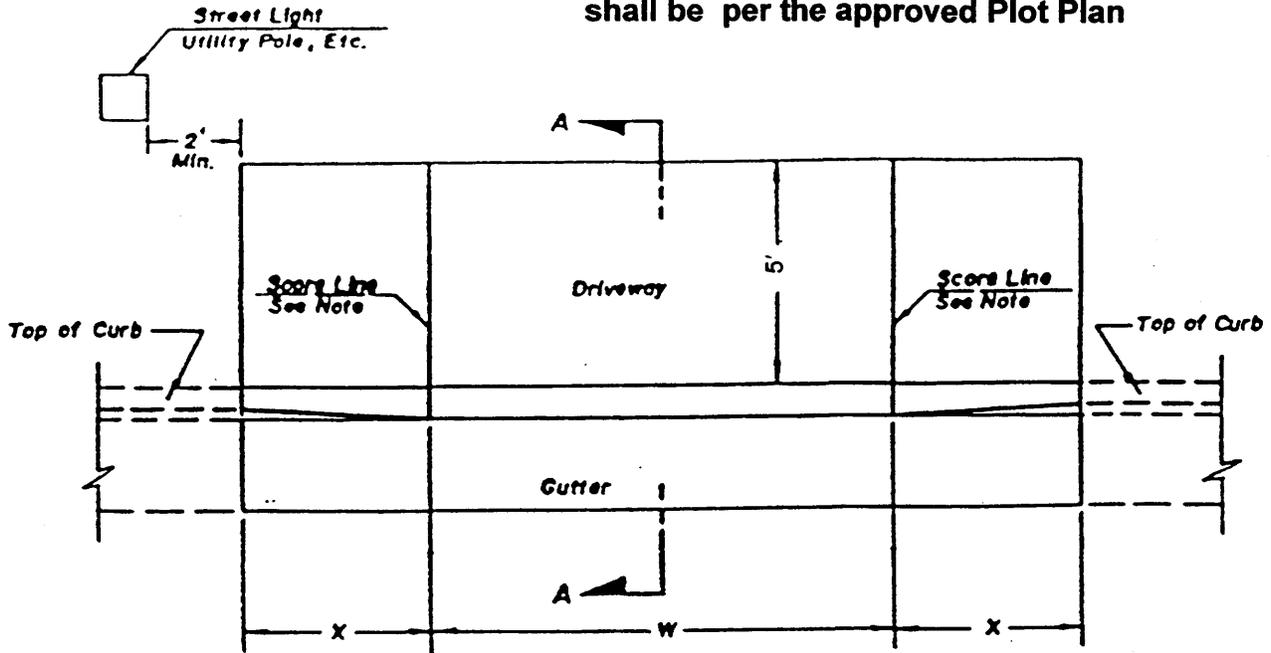
- I-6 Gate Valve (3" and Smaller)
- I-7 Backflow Preventor - Inside Enclosure
- I-8 Tree Well Bubbler
- I-9 Shrub Head Assembly
- I-10 12" Pop-up Shrub Head (Side Gated)
- I-11 12" Pop-up Shrub Head (Bottom Fed)
- I-12 Lawn Head Assembly
- I-13 Lawn Rotor Head (Large)
- I-14 General Ditching
- I-15 Air and Pressure Relief Valve
- I-16 Automatic Controller (Indoors)

- M-1 Barricade - Type III
- M-3.1 6' Reinforced Concrete Blockwall
- M-3.2 Blockwall Detail (Cantilever)
- M-4 Drainage Basin Fencing & Gate
- M-5.1 Standard street Name Sign, Type A Bracket
- M-5.2 Standard street Name Sign, Block Number Plate
- M-5.3 Standard Street Name Sign, Specifications,
- M-6.1 Backfill and A. C. Repair for Trenches Across Street
- M-6.2 Backfill and A. C. Repair for Trenches Along Street
- M-7.1 Sample Title Sheet, Dimensions and Sizes
- M-7.2 Sample Title Sheet, Legend
- M-8.1 Symbols and Abbreviations, Sheet 1
- M-8.2 (VACANT)
- M-8.3 Symbols and Abbreviations, Sheet 3

- P-1.1 Approved Plant Material - Tree List
- P-1.2 Approved Plant material - Street Tree List
- P-2.1 Approved Plant Material - Hardy Large Shrubs
- P-2.2 Approved Plant Material - Hardy Small Shrubs
- P-3 Approved plant Material - Hardy Perennials and Sub Shrubs for Color Accents
- P-4 Approved plant Material - Hardy Ground Covers
- P-5 Approved Plant Material - Hardy Vines
- P-6 Approved Plant Material - Desert Plants

<u>Standard No.</u>	<u>Description</u>
S-1.1	Typical Street Section
S-1.2	Typical Street Section, Street Width Data
S-1.3	Typical Street Section, Major Highway
S-2	Street Cross-Fall
S-3.1	Curb & Gutter - 8" Curb Face
S-3.2	Curb & Gutter - 6" Curb Face
S-4	Survey Monument

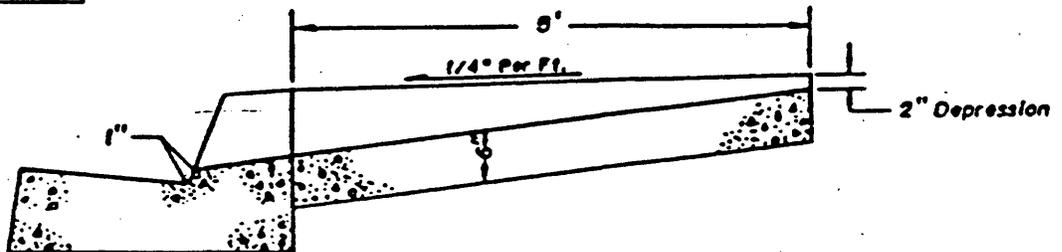
NOTE: All Driveway widths and locations shall be per the approved Plot Plan



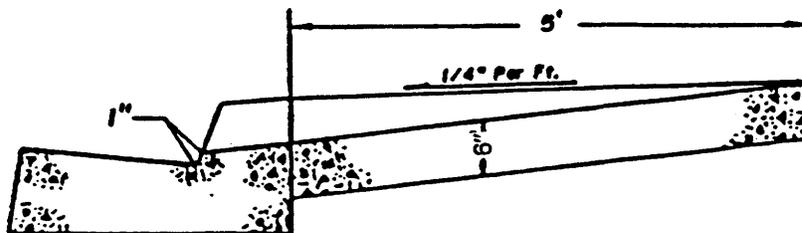
PLAN

NOTE: Score Lines perpendicular to the curb should have a maximum spacing of 8' and correspond with those of the adjacent walk.

	6" C.F.	8" C.F.
X =	3'	4'



SECTION "A-A"
8" CURB FACE



SECTION "A-A"
6" CURB FACE

Use this standard when Sidewalk is absent or adjacent to the curb. When Sidewalk is at the property line use Std. C-3.1

CITY OF PALMDALE...

Revised 3/22/00

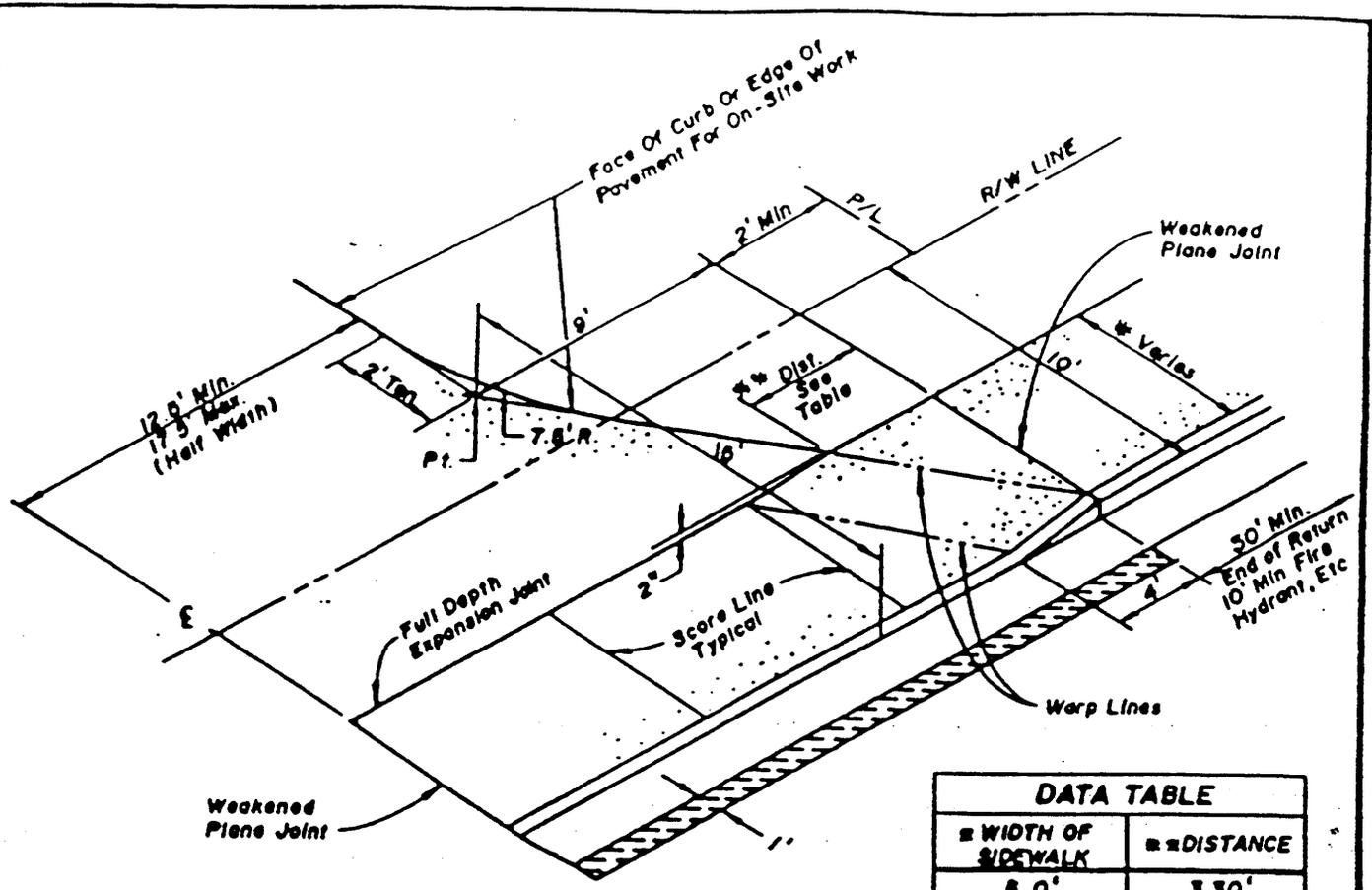
Residential Driveway

Std. No.
C-1

Approved

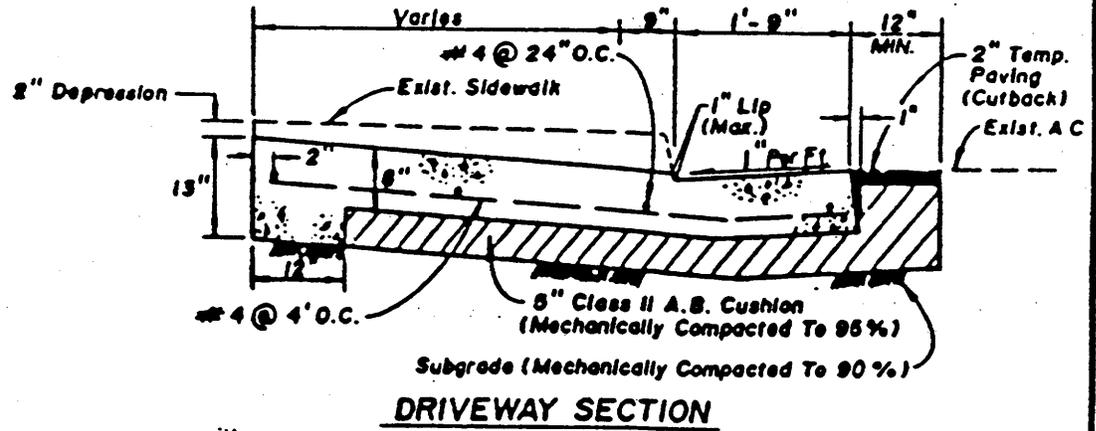
John Munday
City Engineer

1-9-91
Date



Conform To Existing

DATA TABLE	
WIDTH OF SIDEWALK	DISTANCE
8.0'	3.50'
7.0'	4.80'



DRIVEWAY SECTION

NOTES:

1. Apply Light Broom Finish To Surface At A Right Angle To Face Of Curb. Broom Finish Outer Parallel To Street.
2. All Edges Shall Have 1/2" Radius.
3. Depress Back Of Driveway 2".
4. A.A. Reinforcement Alternative, 6" x 6" x 10 sq. WWM May Be Substituted.

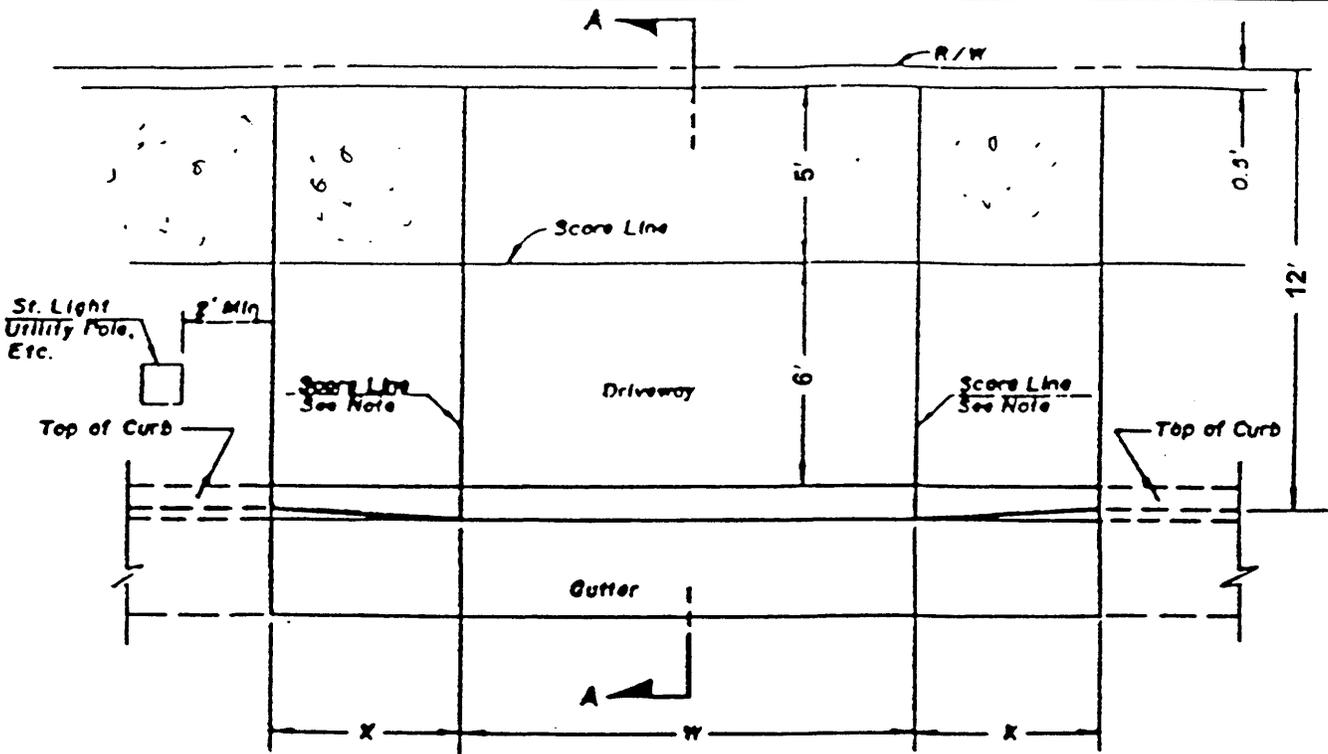
CITY OF PALMDALE...

Industrial & Commercial Driveway

**Std. No.
C-2**

Approved *John M. Munday*
City Engineer

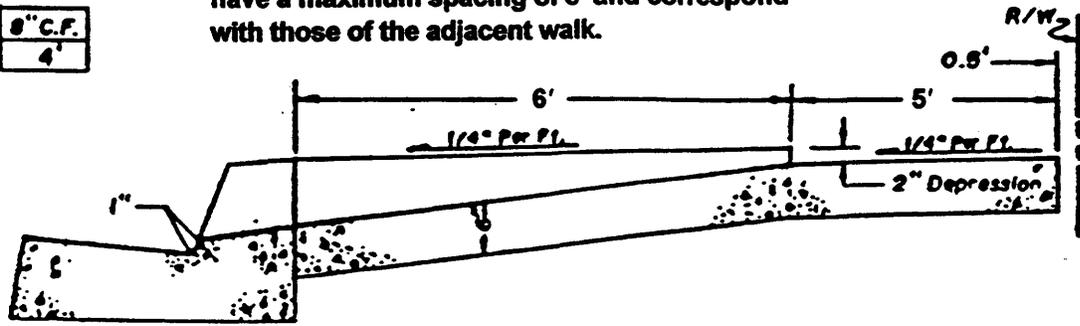
1-9-91



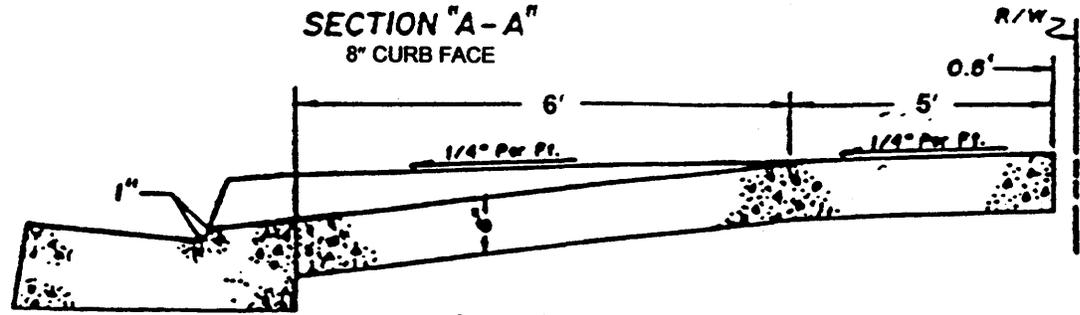
PLAN

NOTE: Score Lines perpendicular to the curb should have a maximum spacing of 8' and correspond with those of the adjacent walk.

	6" C.F.	8" C.F.
Xs	3'	4'



SECTION "A-A"
8" CURB FACE



SECTION "A-A"
6" CURB FACE

NOTE: All Driveway widths and locations shall be per the approved Plot Plan

CITY OF PALMDALE ...

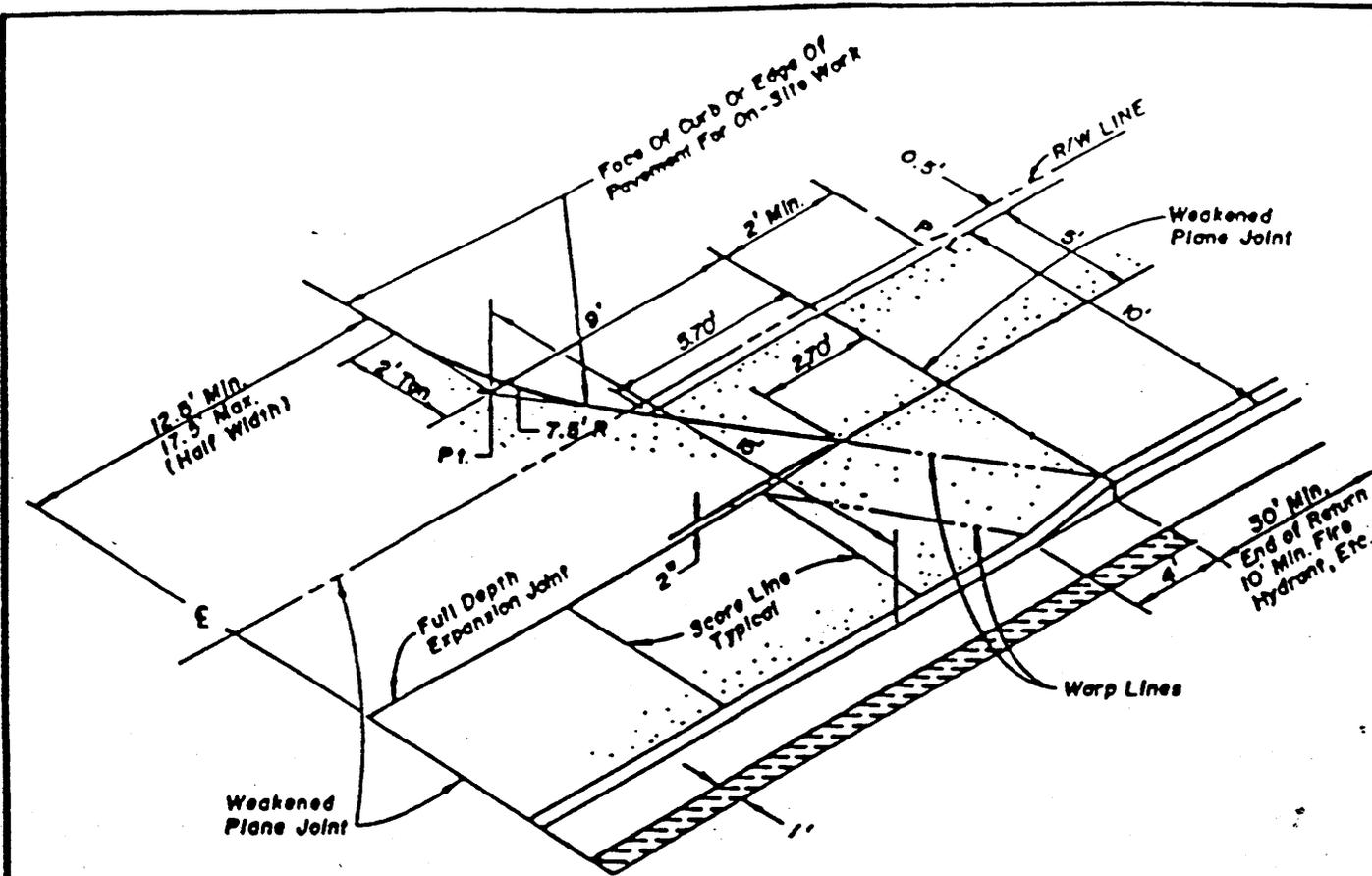
Revised 3/22/00 *[Signature]*

Residential Driveway Alternate Sections...

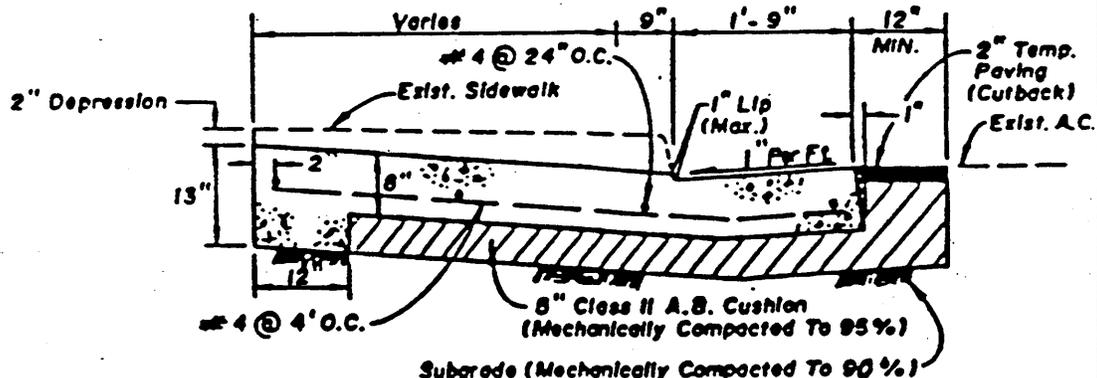
Std. No.
C-3.1

Approved *[Signature]*
CITY Engineer

1-9-91
Date



 Conform To Existing
 DRIVEWAY TO BE CONSTRUCTED IN A MONOLITHIC POUR FROM CURB TO R/W LINE



DRIVEWAY SECTION

NOTES:

1. Apply Light Broom Finish To Surface At A Right Angle To Face Of Curb. Broom Finish Outer Parallel To Street.
2. All Edges Shall Have 1/2" Radius.
3. Depress Back Of Driveway 2".
4. As A Reinforcement Alternative, 6" x 6" x 10 ga. WWM May Be Substituted.

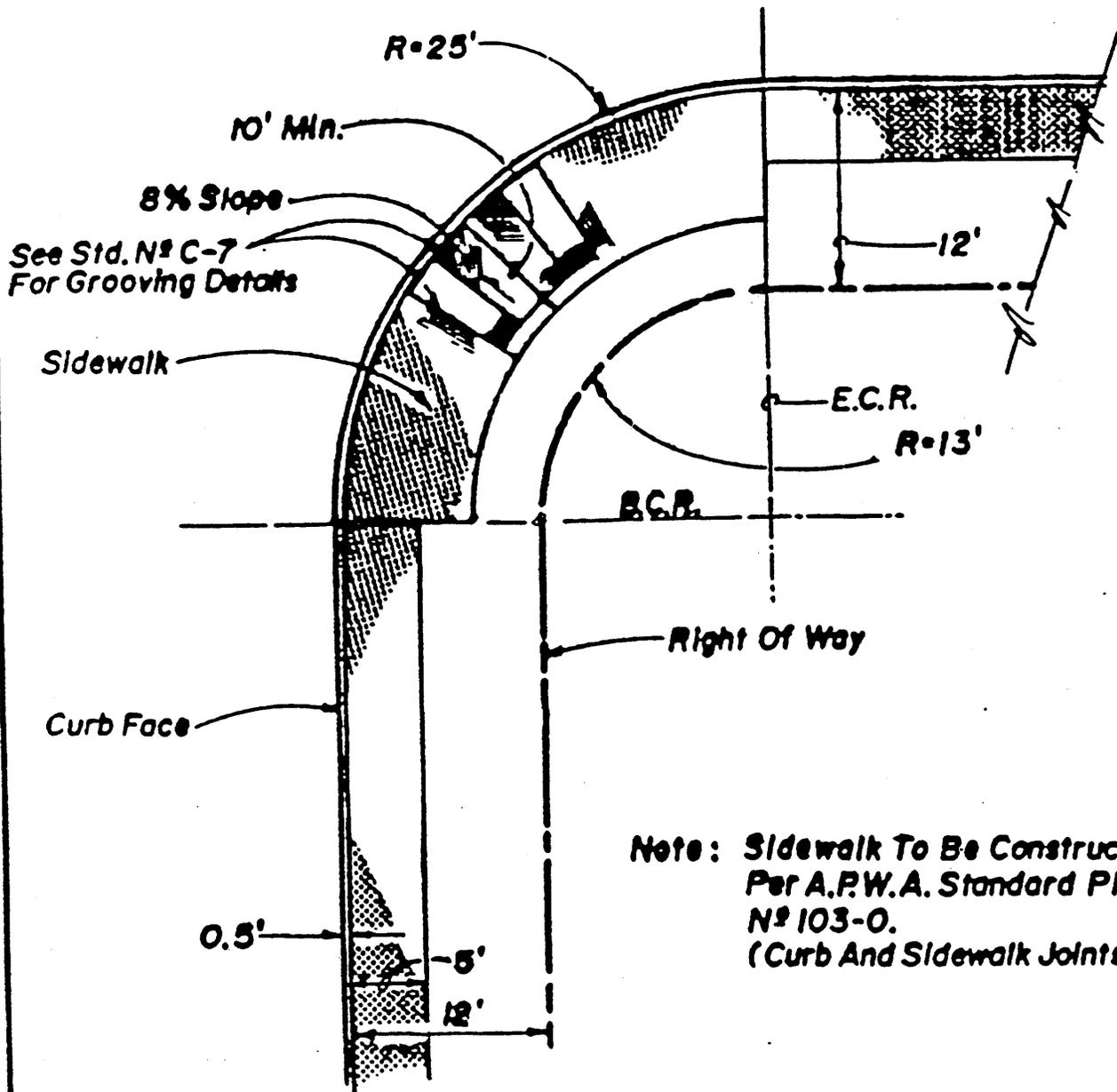
CITY OF PALMDALE...

**Industrial & Commercial Driveway-
 Alternate Sections...**

Approved John Munder
 City Engineer

1-9-91
 D818

**Std. No.
 C-3.2**



CITY OF PALMDALE...

Sidewalk Landing Detail

Local & Collector Intersections...

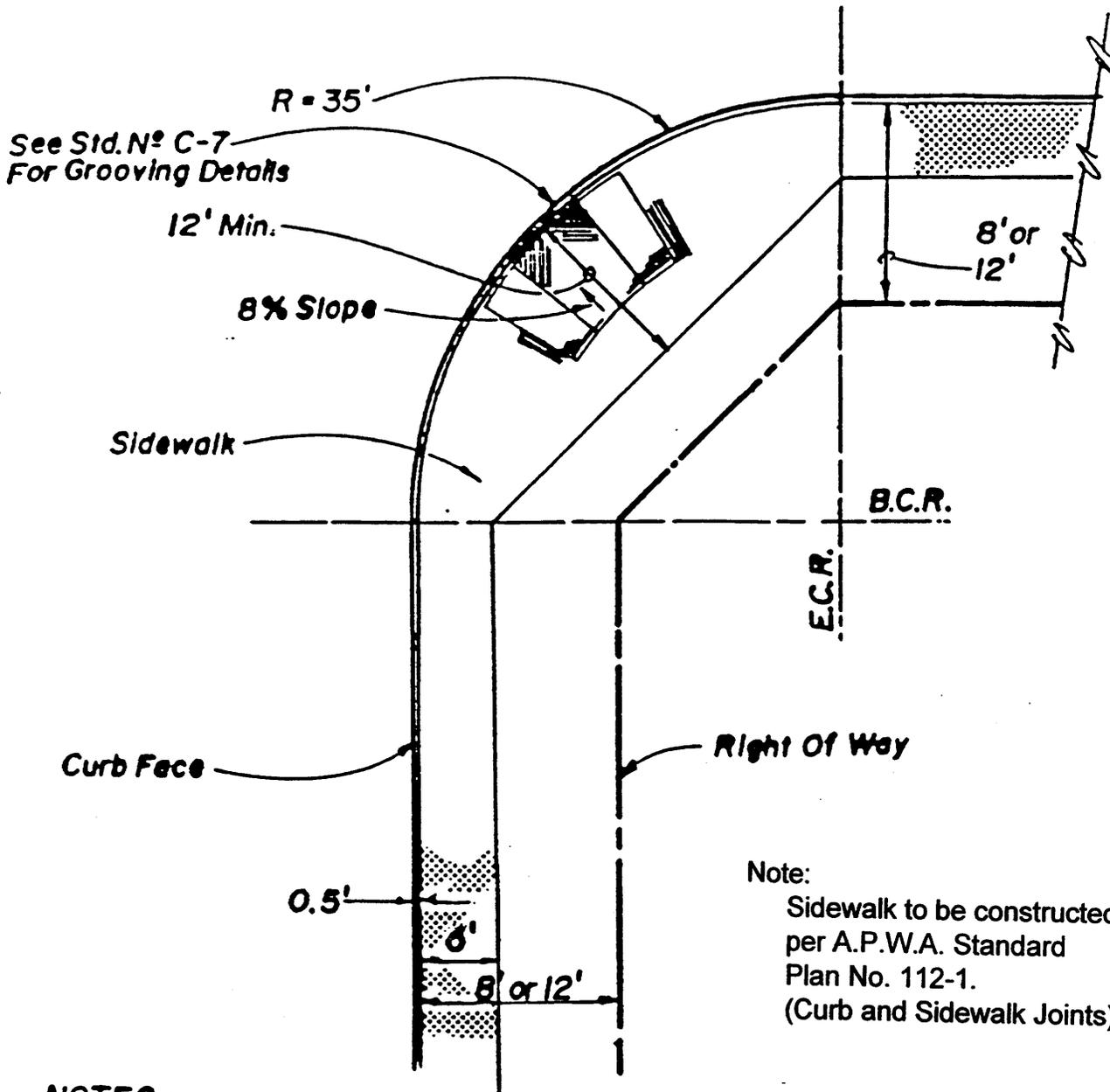
Std. No. C-4

Approved

John M. Woodward
City Engineer

Date

1-9-91



Note:
 Sidewalk to be constructed
 per A.P.W.A. Standard
 Plan No. 112-1.
 (Curb and Sidewalk Joints)

NOTES :

1. This Right-Of-Way Configuration Is To Be Used On All Intersections Where One Of The Streets Has A Right-Of-Way Width Of 80 Feet Or More, And At Other Locations As Required By The City Engineer.
2. Greater Sidewalk Width May Be Required In Commercial Areas.

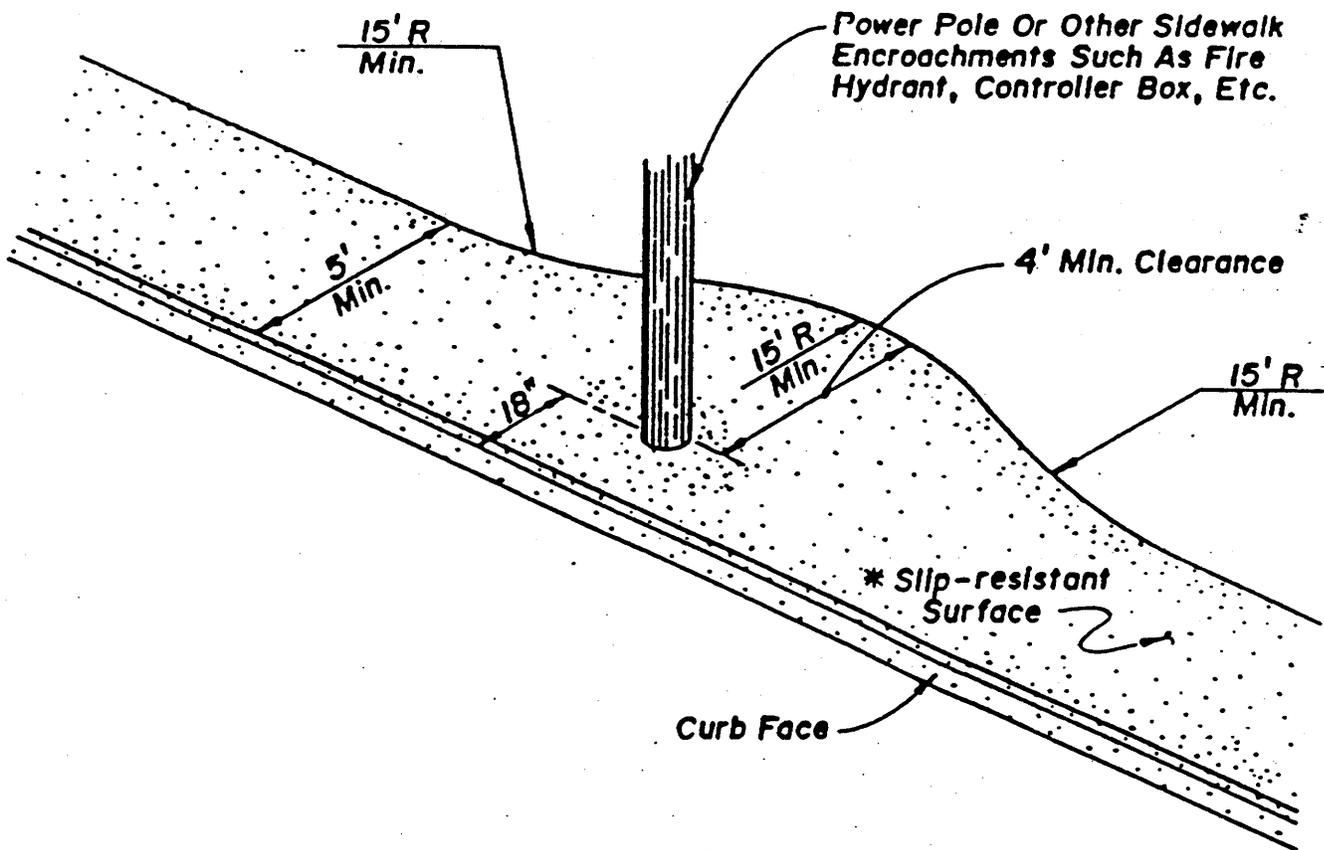
CITY OF PALMDALE...

Sidewalk Landing Detail Major & Secondary Highway Intersections

Std. No. C-5

Approved John M. Mudd
 City Engineer

1-9-91
 Date



* SEE NOTE 1 OF STD NO. C-3.2

CITY OF PALMDALE...

Sidewalk Encroachments

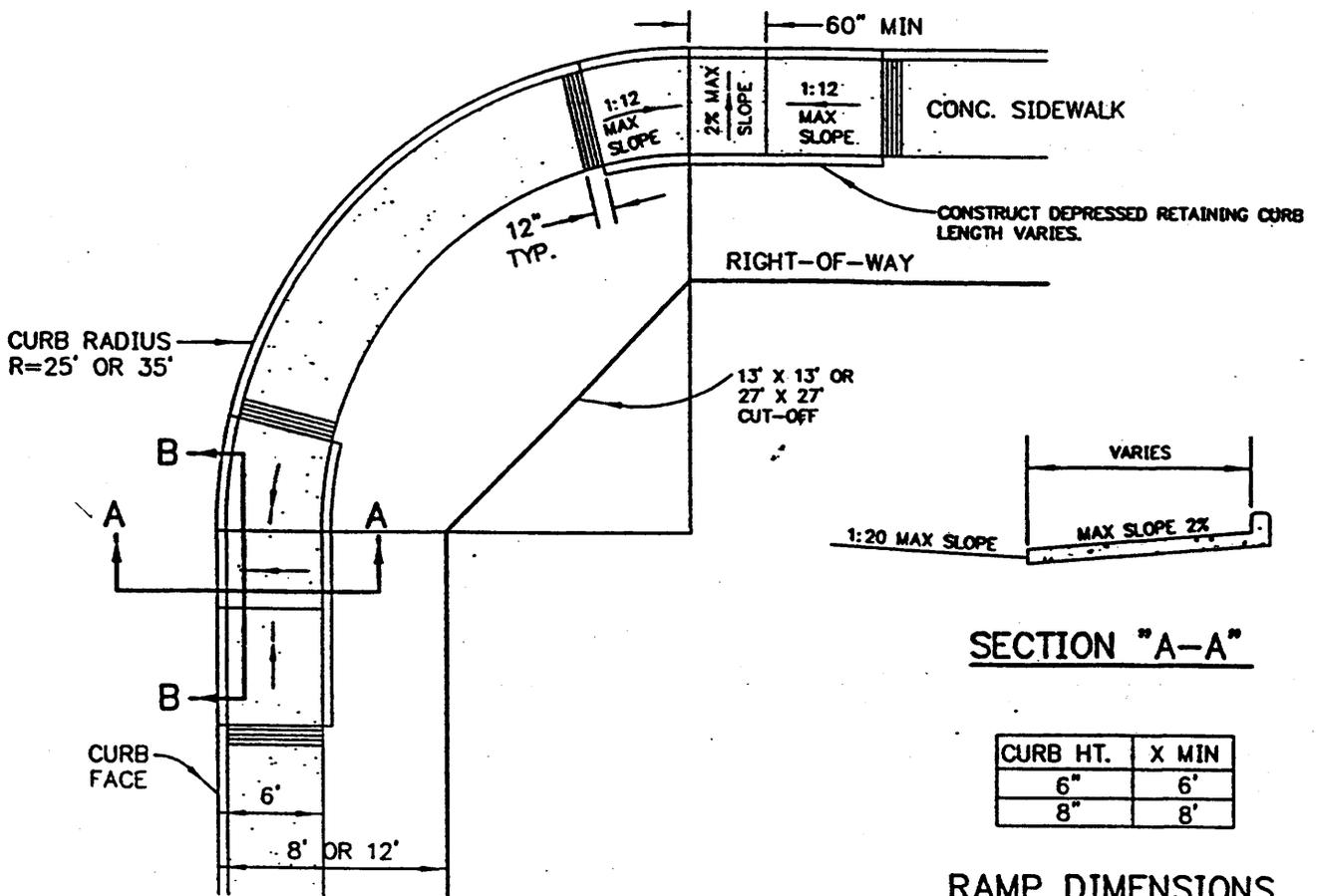
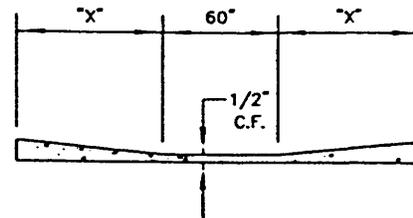
Std. No.
C-6

Approved John Munday
City Engineer.

1-9-91
Date

NOTES:

1. INSIDE EDGE OF FOUR (4) FOOT RAMPS SHALL BE LOCATED AT THE CURB RETURNS.
2. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF 1:12 AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO THE TOP OF THE RAMP.
3. FOR GROOVE AND LIP DETAIL SEE SHEET 6.



NOT TO SCALE

CITY OF PALMDALE DEPARTMENT OF PUBLIC WORKS

CURB RAMP-CASE A: NEW CONSTRUCTION FOR MAJOR, SECONDARY, AND LOCAL STREETS

STANDARD PLAN

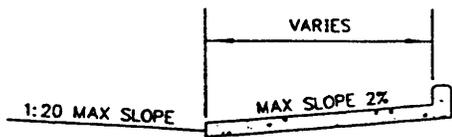
C-7

APPROVED

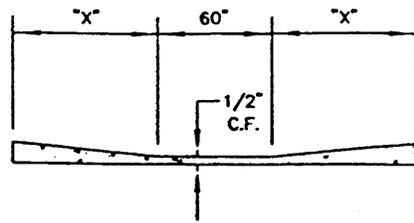
John Mundwiler
CITY ENGINEER

9-14-95
DATE

SHEET 1 OF 6



SECTION "A-A"



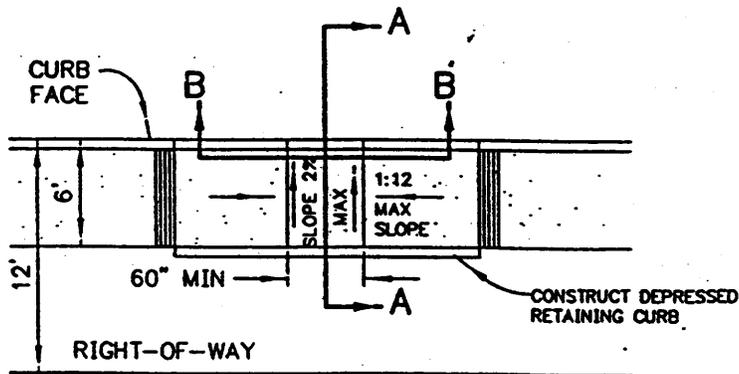
SECTION "B-B"

NOTES:

1. FOR GROOVE AND LIP DETAIL SEE SHEET 6.

CURB HT.	X MIN
6"	6'
8"	8'

RAMP DIMENSIONS



RAMP DETAIL

NOT TO SCALE

CITY OF PALMDALE DEPARTMENT OF PUBLIC WORKS

CURB RAMP—CASE B: T-INTERSECTION WHERE CROSS WALK IS ALLOWED (ie. SCHOOL)

STANDARD PLAN

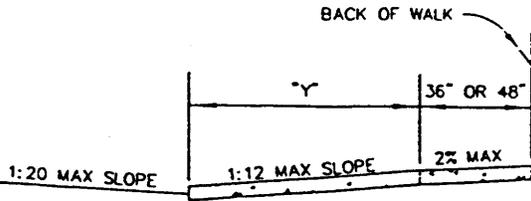
C-7

APPROVED

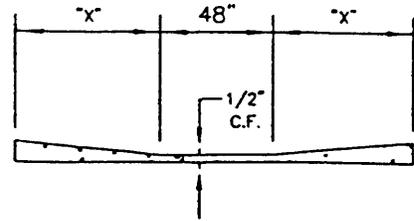
John Mundwiler
CITY ENGINEER

9-14-95
DATE

SHEET 2 OF 6



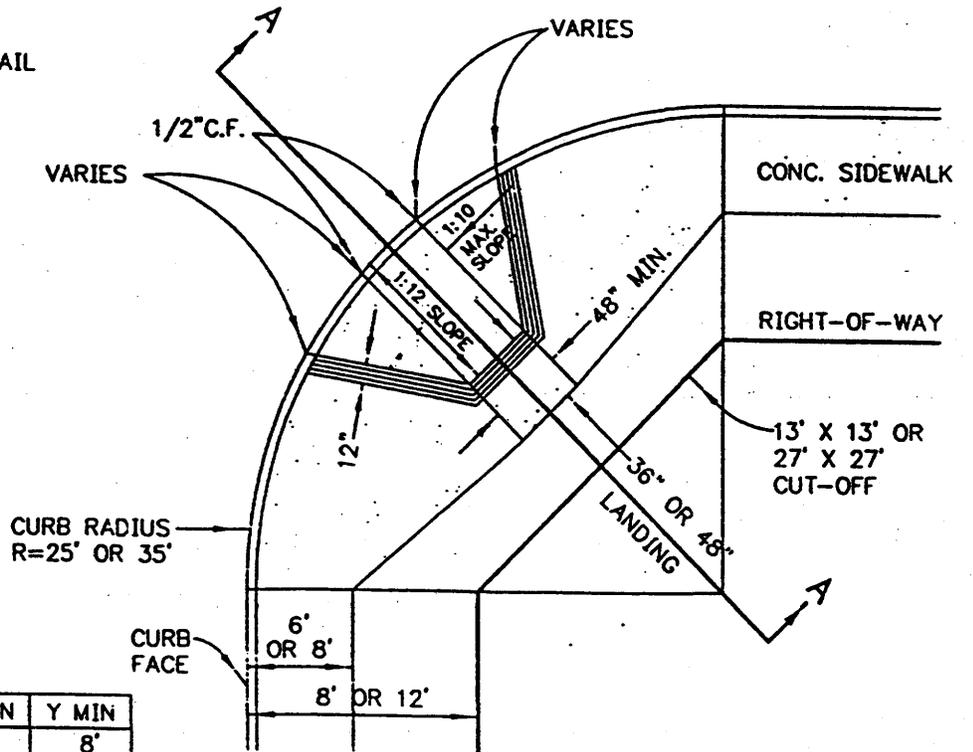
SECTION "A-A"



DEPRESSION DETAIL AT C.F.

NOTES:

1. WHEELCHAIR RAMP SHALL BE LOCATED AT THE MIDPOINT OF THE CURB RETURN.
2. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF 1:10 AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO THE TOP OF THE RAMP.
3. FOR GROOVE AND LIP DETAIL SEE SHEET 6.



RAMP DETAIL

LANDING	CURB HT.	X MIN	Y MIN
36"	6"	6'	8'
36"	8"	8'	10'
48"	6"	5'	8'
48"	8"	6.67'	10'

RAMP DIMENSIONS

NOT TO SCALE

CITY OF PALMDALE DEPARTMENT OF PUBLIC WORKS

CURB RAMP-CASE D-1: NEW CONSTRUCTION FOR LOCAL STREETS

STANDARD PLAN

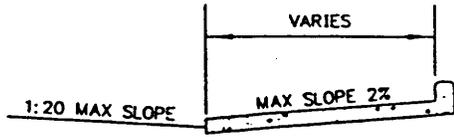
C-7

APPROVED

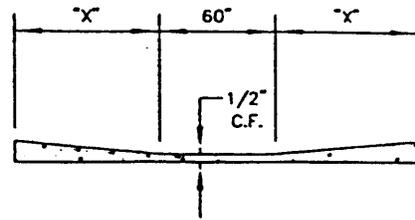
John Mundwell
CITY ENGINEER

9-14-95
DATE

SHEET 3 OF 6



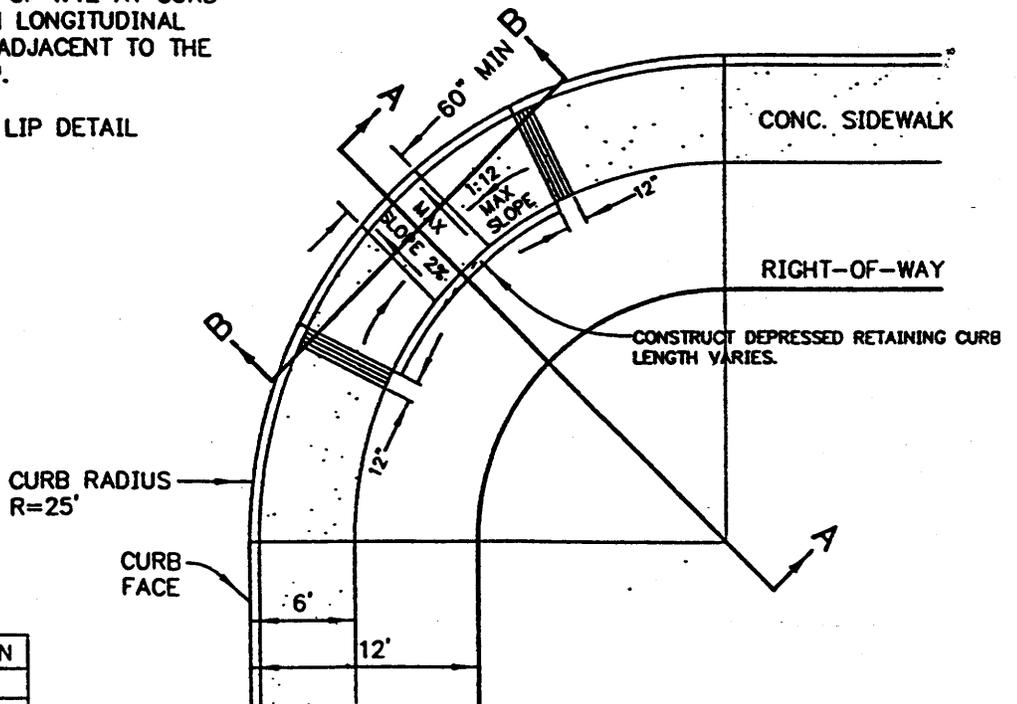
SECTION "A-A"



SECTION "B-B"

NOTES:

1. WHEELCHAIR RAMP SHALL BE LOCATED AT THE MIDPOINT OF THE CURB RETURN.
2. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF 1:12 AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO THE TOP OF THE RAMP.
3. FOR GROOVE AND LIP DETAIL SEE SHEET 6.



CURB HT.	X MIN
6"	6'
8"	8'

RAMP DIMENSIONS

RAMP DETAIL

NOT TO SCALE

CITY OF PALMDALE DEPARTMENT OF PUBLIC WORKS

CURB RAMP-CASE D-2: EXISTING LOCAL INTERSECTION

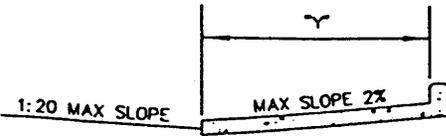
STANDARD PLAN

APPROVED *John Mundorf*
CITY ENGINEER

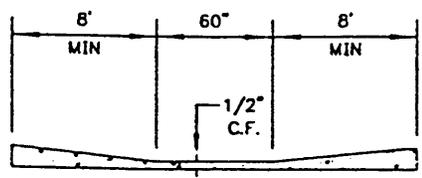
9-14-95
DATE

C-7

SHEET 4 OF 6



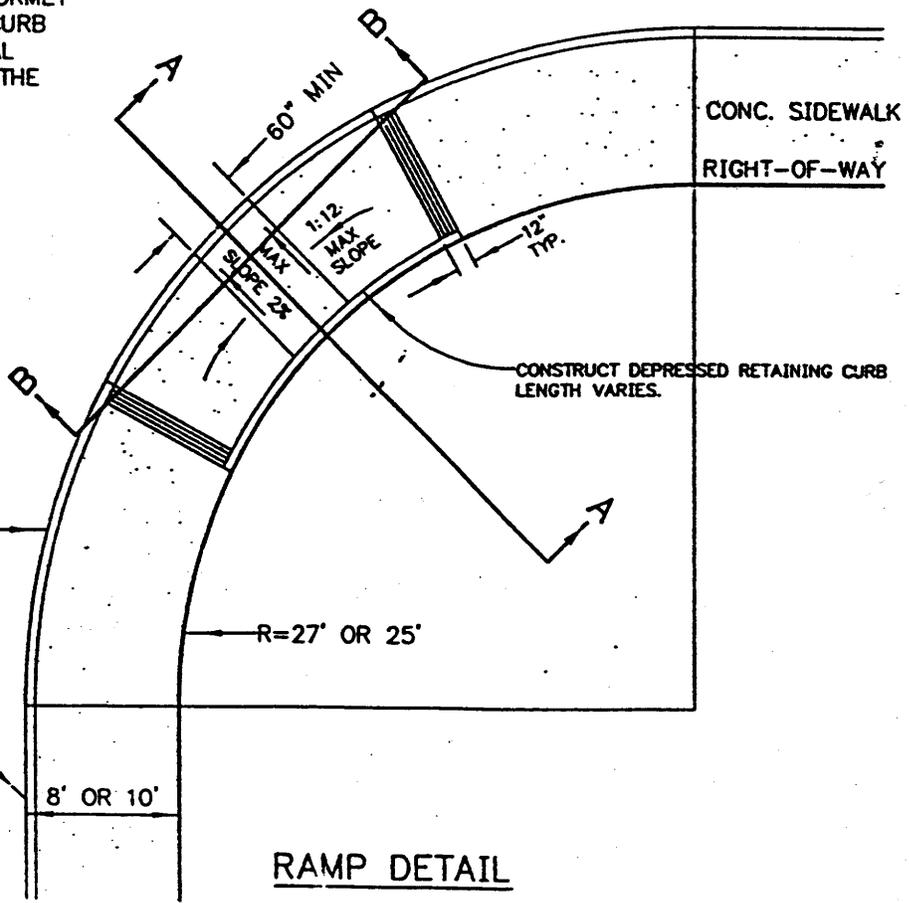
SECTION "A-A"



SECTION "B-B"

NOTES:

1. WHEELCHAIR RAMP SHALL BE LOCATED AT THE MIDPOINT OF THE CURB RETURN.
2. RAMP SIDE SLOPE VARIES UNIFORMLY FROM A MAXIMUM OF 1:12 AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO THE TOP OF THE RAMP.
3. FOR GROOVE AND LIP DETAIL SEE SHEET 6.



PKWY WPTH.	Y
8'	7.5'
10'	9.5'

RAMP DIMENSIONS

RAMP DETAIL

NOT TO SCALE

CITY OF PALMDALE DEPARTMENT OF PUBLIC WORKS

CURB RAMP-CASE D-3: EXISTING MAJOR AND SECOND INTERSECTION

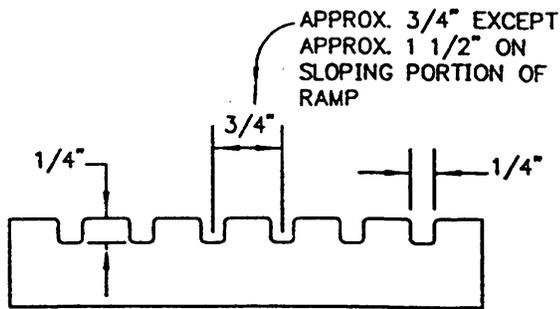
STANDARD PLAN

C-7

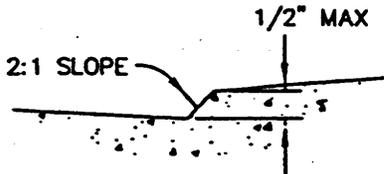
SHEET 5 OF 6

APPROVED *John Munday*
CITY ENGINEER

9-14-95
DATE



GROOVING DETAIL



LIP DETAIL

GENERAL NOTES:

1. RAMPS SHALL HAVE A 12" BORDER ALONG PLATFORM. SEE GROOVING DETAIL FOR SPACING. THE SURFACE OF THE RAMP SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
2. RAMPS SHALL BE CONSTRUCTED OF CLASS 520-C-2500 PORTLAND CEMENT CONCRETE, FOUR (4) INCHES THICK.
3. MINIMUM WALKWAY WIDTH = 36"

NOT TO SCALE

CITY OF PALMDALE DEPARTMENT OF PUBLIC WORKS

CURB RAMP-DETAIL SHEET

STANDARD PLAN

C-7

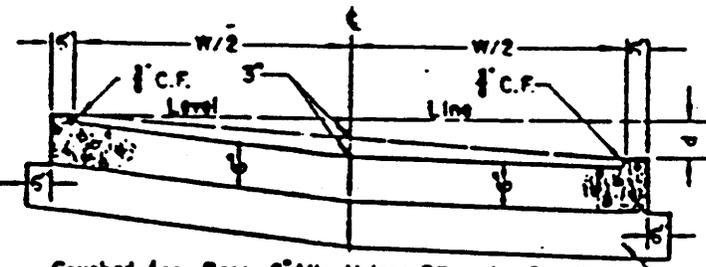
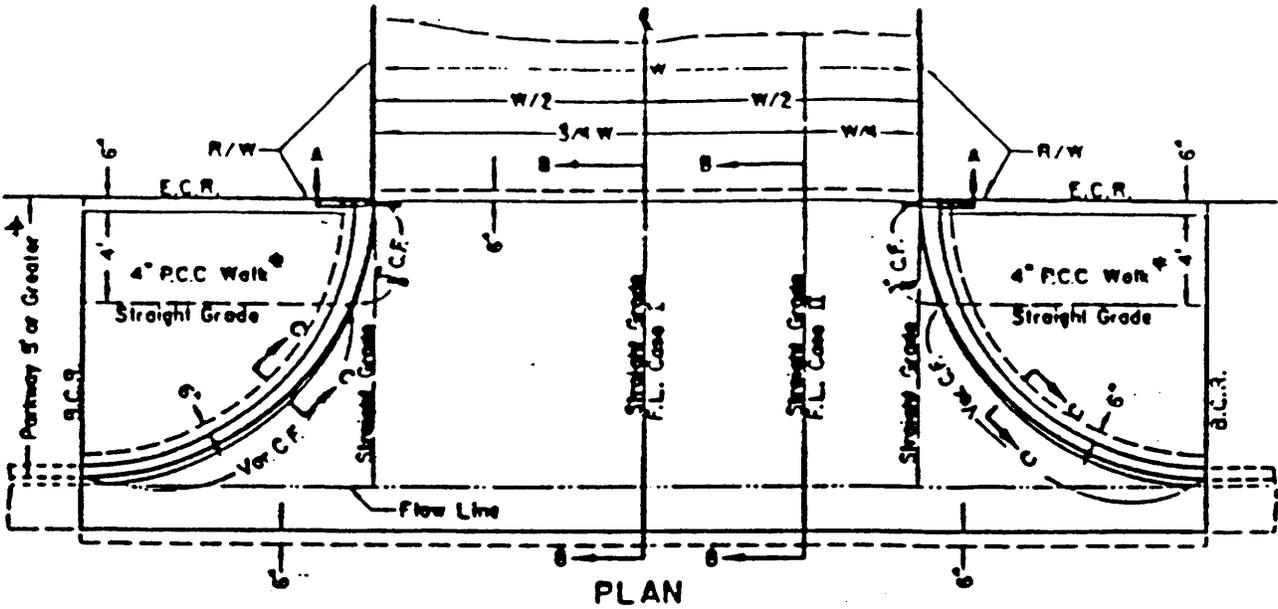
APPROVED

CITY ENGINEER

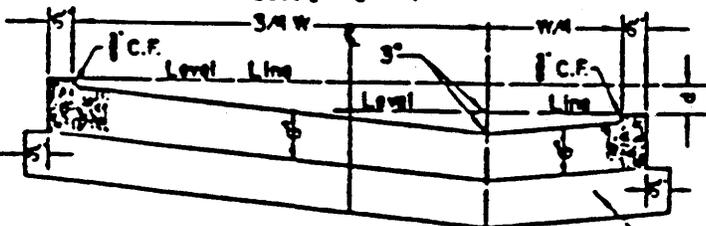
John Munday

9-14-95
DATE

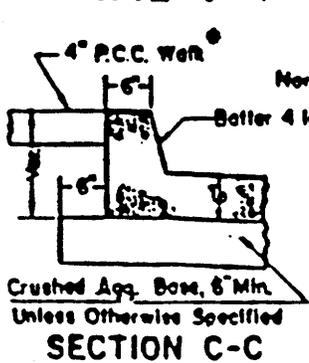
SHEET 6 OF 6



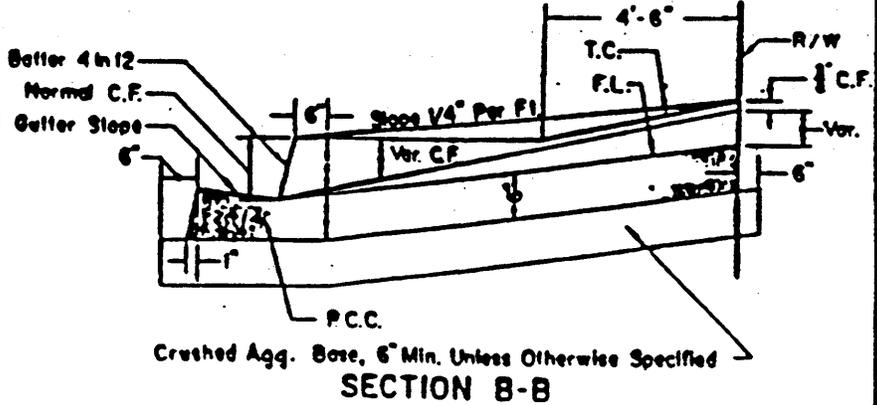
Crushed Agg. Base, 6" Min. Unless Otherwise Specified
SECTION A-A
Case I: $d = 4'$



Crushed Agg. Base, 6" Min. Unless Otherwise Specified
SECTION A-A
Case II: $d = 4'$



Crushed Agg. Base, 6" Min. Unless Otherwise Specified
SECTION C-C



Crushed Agg. Base, 6" Min. Unless Otherwise Specified
SECTION B-B

NOTE 1
 * Place 4" P.C.C. Walk When Parkway Is 6' or Less.
 * For Parkways 6' To 8' Wide The Curb Face Shall Be 6" Maximum.

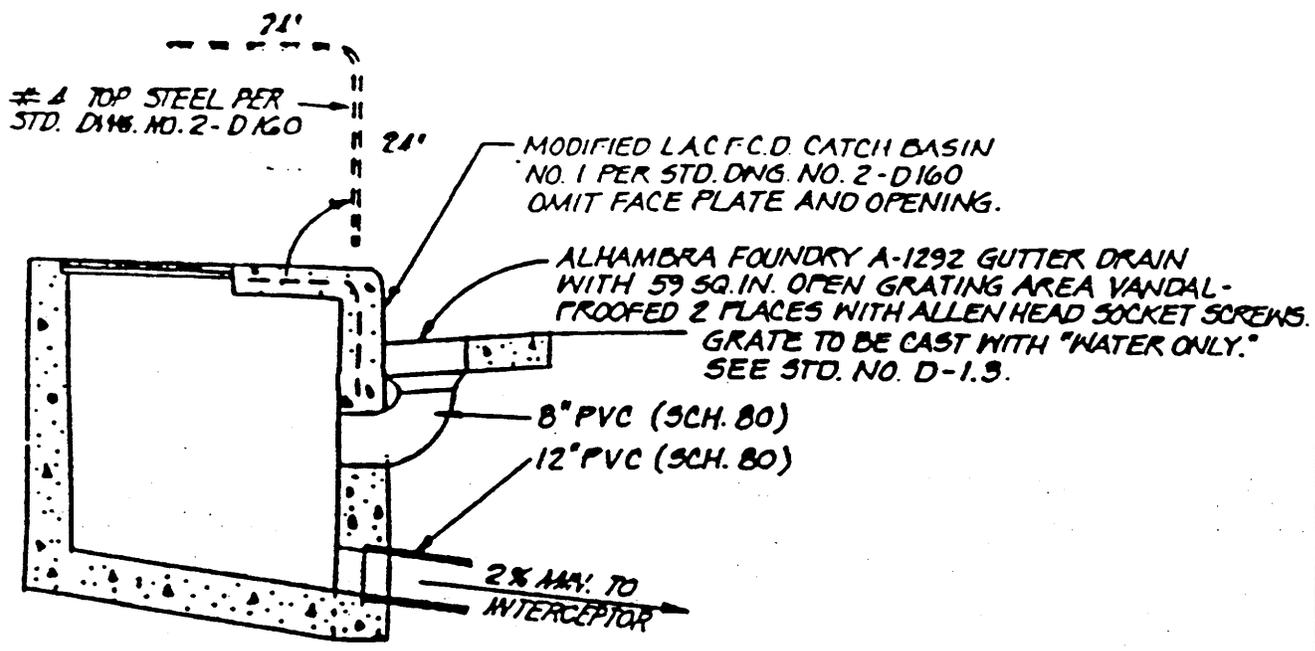
CITY OF PALMDALE ...

Alley Intersection Details

Std. No.
C-8

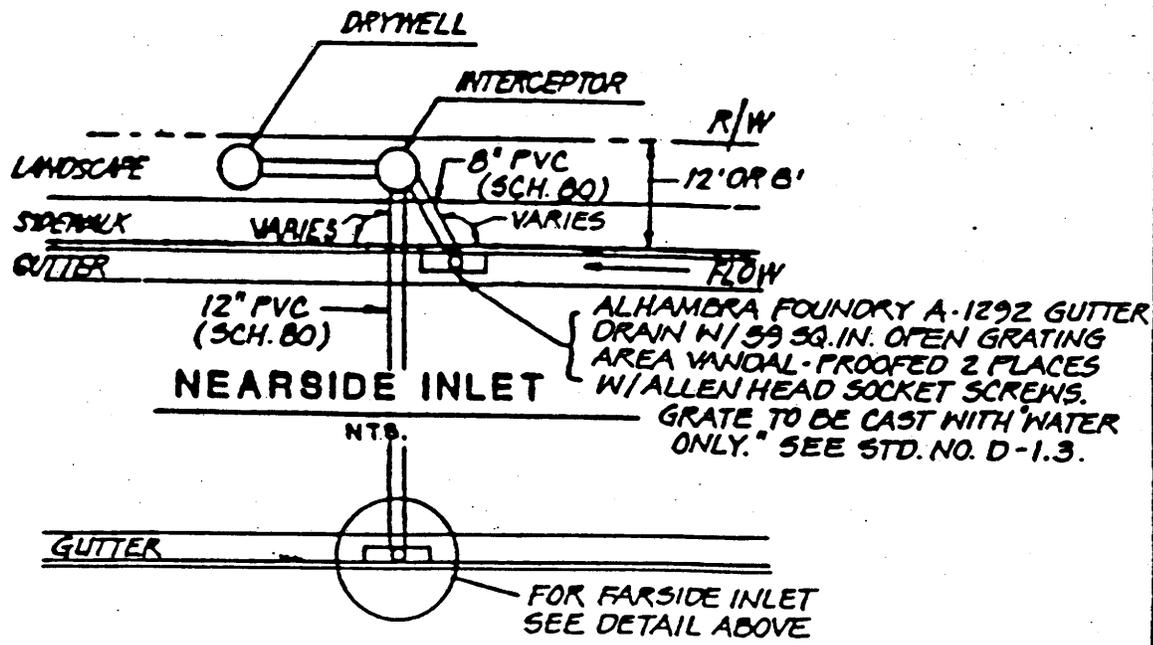
Approved John Mundwiler
City Engineer

Date 1-9-91



FAR SIDE INLET

NTS.



NOTE: See Std. No. D-1.2 For Parkway Drywell Details.

CITY OF PALMDALE...

Parkway Drywell

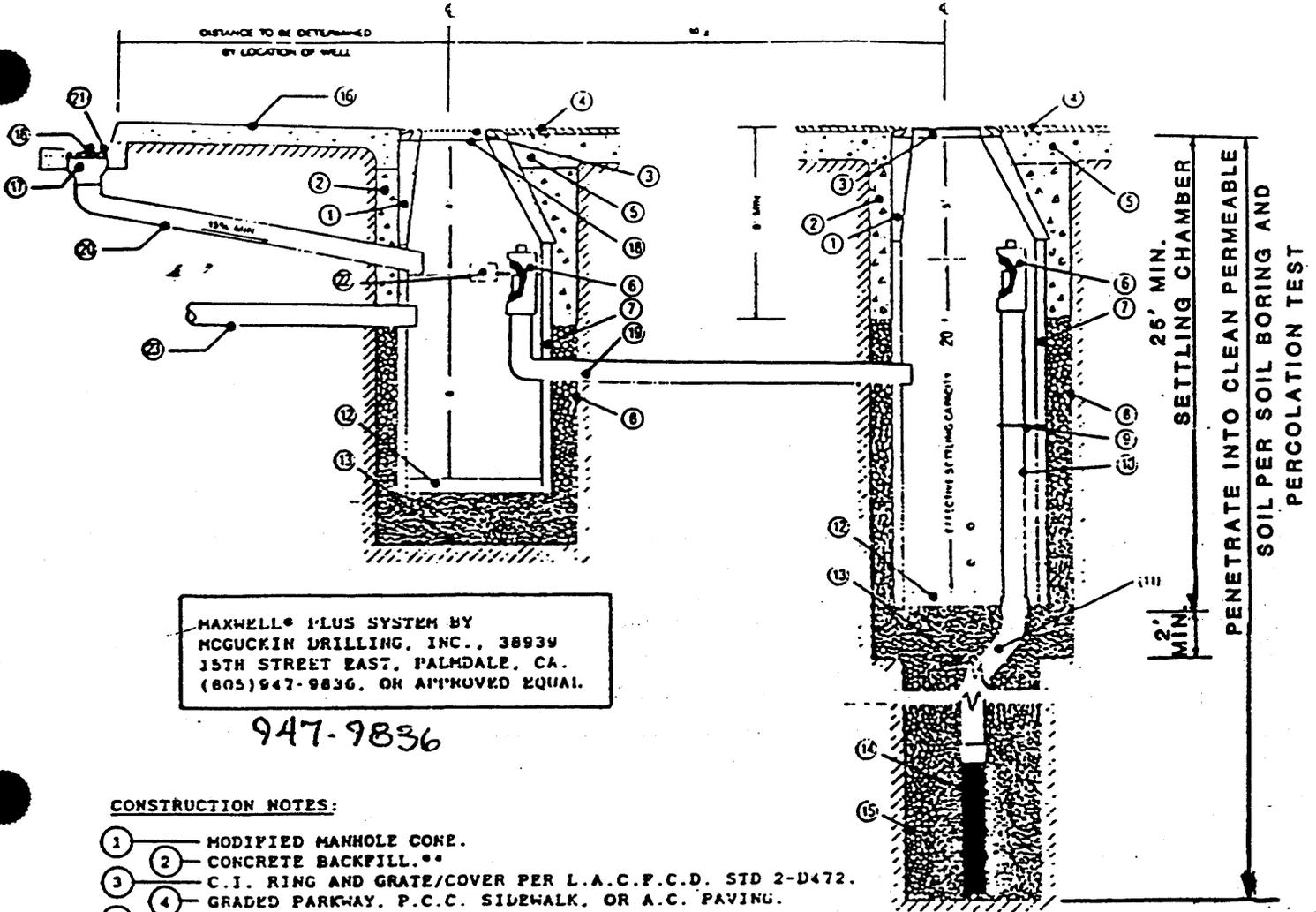
Std. No. D-1.1

Approved John M. Mendenhall
CIV. Engineer

DATE 1-9-91

INTERCEPTOR

DRYWELL



MAXWELL® PLUS SYSTEM BY
 MCGUCKIN DRILLING, INC., 38939
 15TH STREET EAST, PALMDALE, CA.
 (805)947-9836, OR ANYWHERE EQUAL.

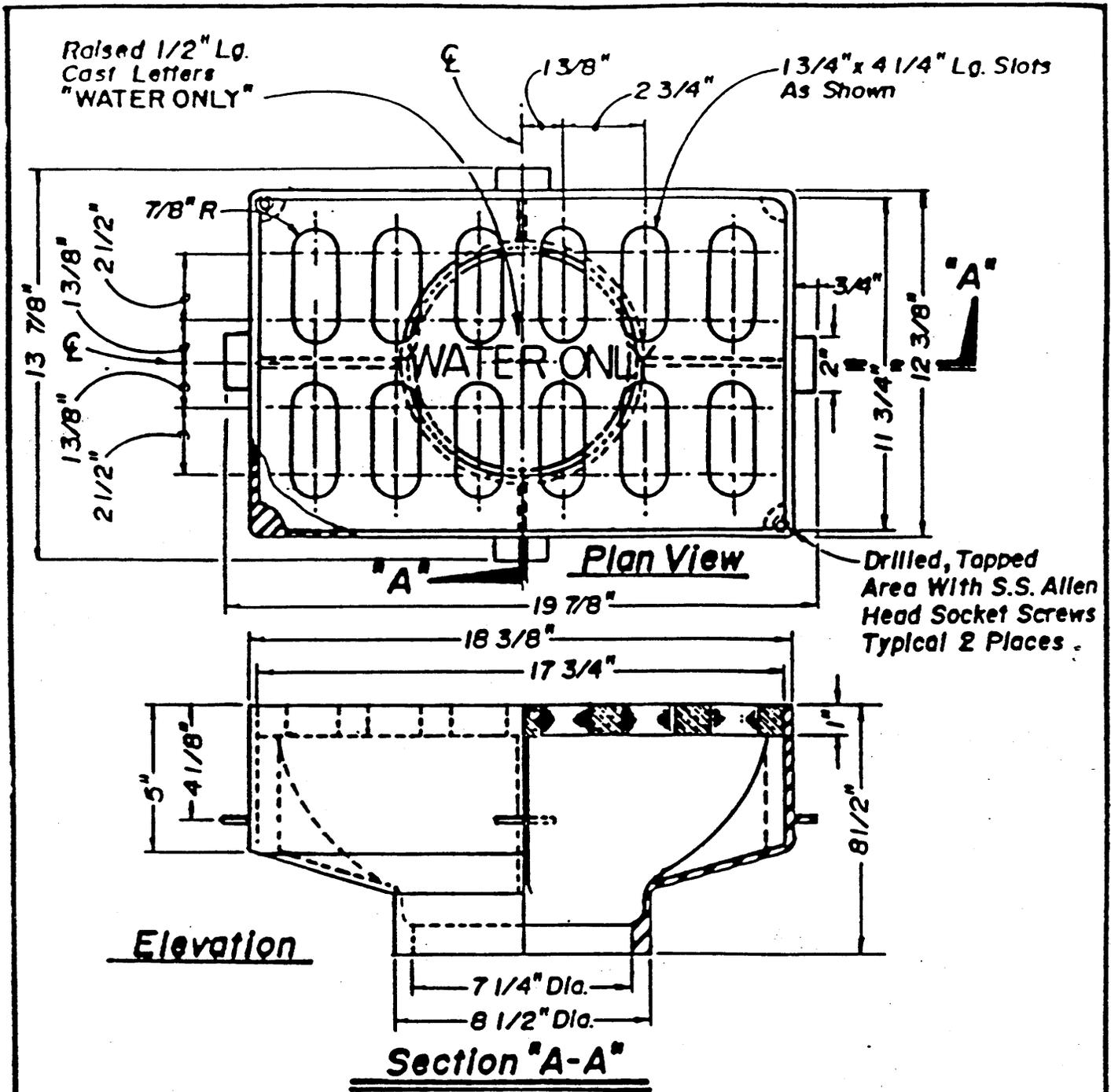
947-9836

CONSTRUCTION NOTES:

- 1 MODIFIED MANHOLE CONE.
- 2 CONCRETE BACKFILL.**
- 3 C.I. RING AND GRATE/COVER PER L.A.C.F.C.D. STD 2-D472.
- 4 GRADED PARKWAY, P.C.C. SIDEWALK, OR A.C. PAVING.
- 5 COMPACTED BASE MATERIAL.
- 6 DEBRIS SHIELD.*
- 7 PRECAST LINER.
- 8 MIN. 6" DIAMETER DRILLED SHAFT.
- 9 SUPPORT BRACKET.*
- 10 OVERFLOW PIPE (6") SCH 40 PVC.
- 11 6" DIAMETER PVC PIPE.
- 12 4" THICK CONCRETE BASE.
- 13 3/8" TO 1/2" WASHED ROCK.
- 14 DRAINAGE SCREEN.* (.120 SLOTS)
- 15 MIN 4" DIAMETER DRILLED SHAFT.
- 16 EXISTING OR PROPOSED SIDEWALK.
- 17 ALHAMBRA PDY A-1292 BOLTED GUTTER DRAIN PER STD. NO. D-1.3.
- 18 U.V. RESISTANT FABRIC SEAL.***
- 19 4" CONNECTOR PIPE WITH 2" ORIFICE AT INTERCEPTOR END.
- 20 6" PVC PIPE (SCH 80) AND FITTINGS AT MIN 15% SLOPE.
- 21 PROVIDE FOR 1" LOCAL DEPRESSION WHERE GRATE AND GUTTER P.L. JOIN.
- 22 4 QT. MIN. HYDROPHOBIC ABSORBENT.*
- 23 12" PVC TO PARSIDE INLET.

- * REQUIRES SPECIFICATION OR DETAIL.
- ** ACTUAL DEPTH OF CONCRETE WILL BE DETERMINED BY THE SOILS ENGINEER.
- *** FABRIC SEAL TO REMAIN UNTIL PAVING AND/OR LANDSCAPING IS COMPLETE.

CITY OF PALMDALE...	
Parkway Drywell	Std. No. D-1.2
Approved <u>John M. Mendenhall</u> <small>City Engineer</small>	1-9-91 <small>Date</small>



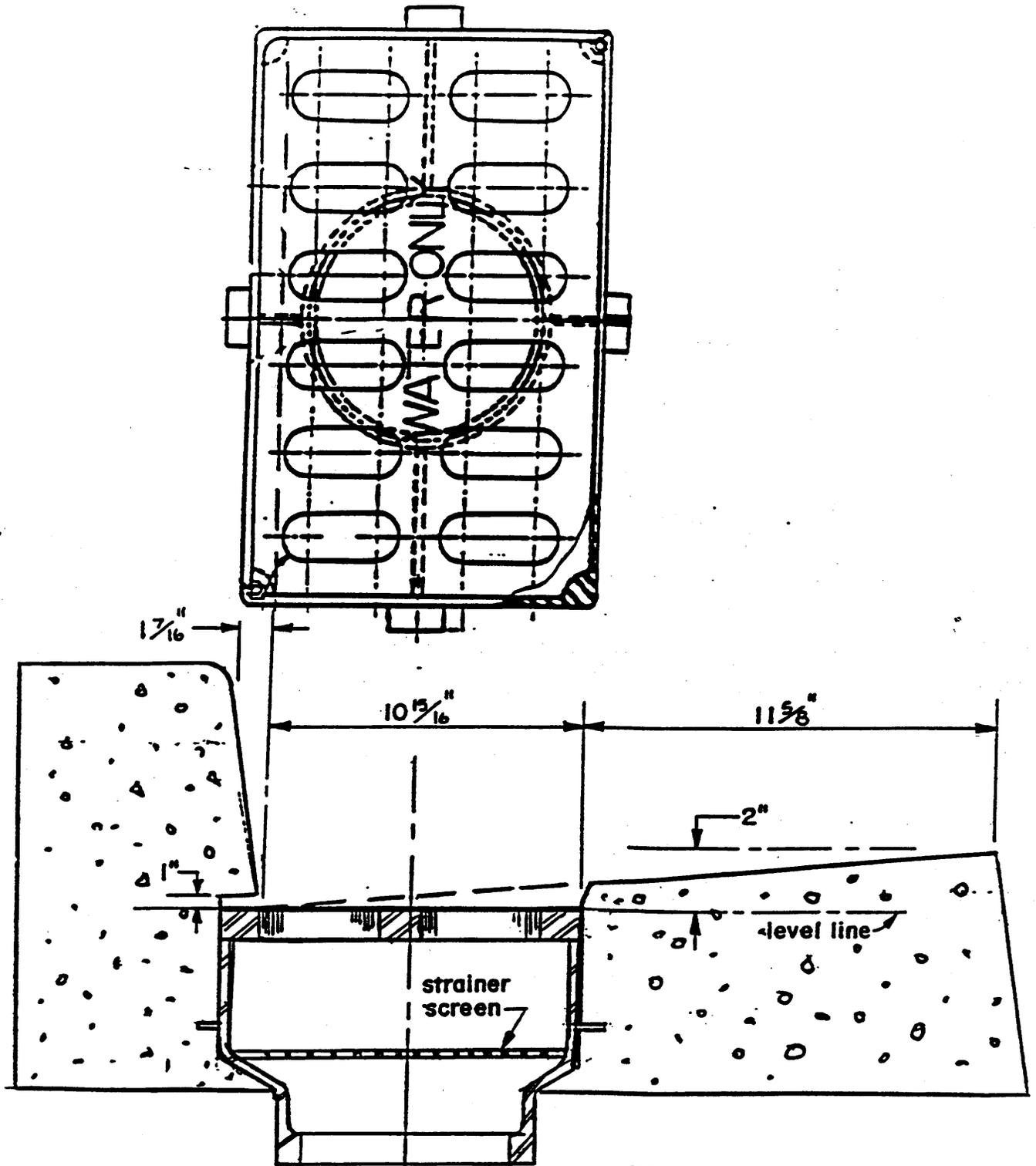
NOTE: This Detail is Alhambra Foundry A-1292 Gutter Drain.

CITY OF PALMDALE...

Parkway Drywell (Gutter Drain)

**Std. No.
D-1.3**

Approved John Musdward Date 1-9-91
City Engineer Date



INSTALLATION DETAIL
N.T.S.

NOTE:
Gutter Drain to be installed with a maintainable strainer screen inside the drain for intercepting debris.

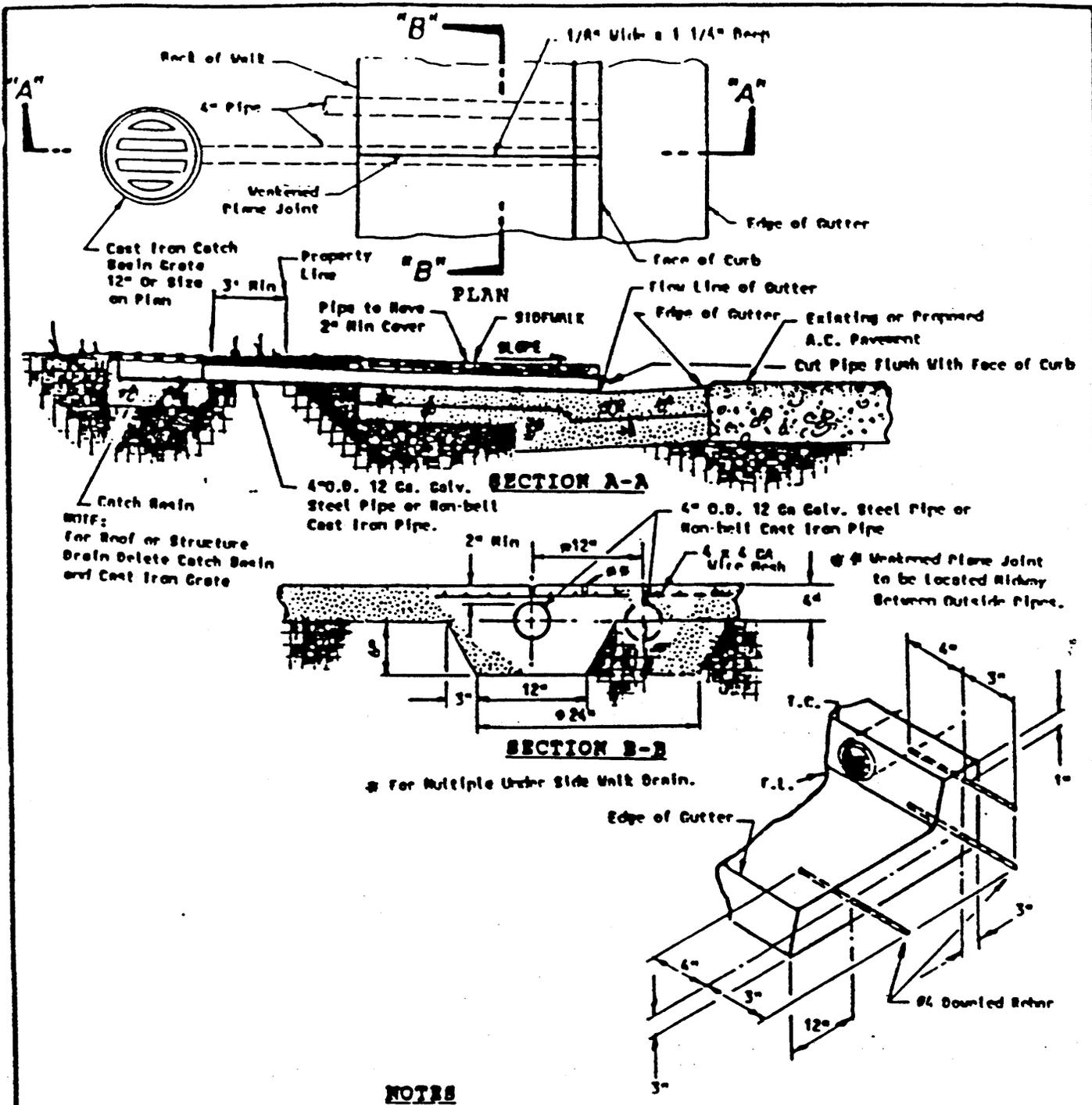
CITY OF PALMDALE...

DRYWELL GUTTER DRAIN

**Std. No.
D-1.4**

Approved *John M. Mendenhall*
City Engineer

Date 6/18/92



1. Owner shall be responsible for cleaning and maintaining pipe.
2. Minimum cross-slope to be 1% for drain pipe.
3. Place 6 x 6 wire mesh full length 24" on each side of pipe.
4. Under sidewalk drains to be used only by approval of City Engineer where a storm drain does not exist or extension of an existing storm drain is impractical.

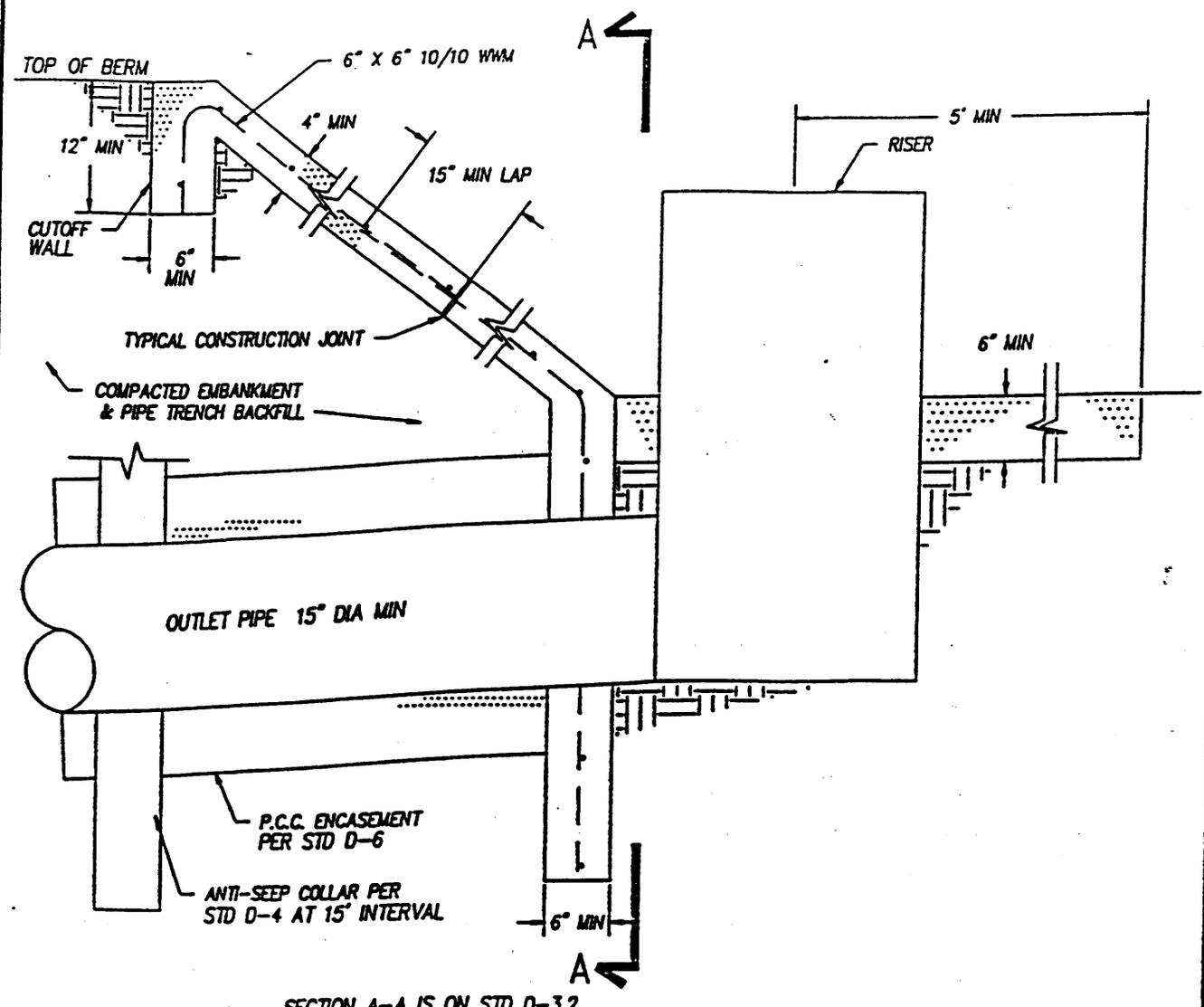
CITY OF PALMDALE...

Under Sidewalk Drains

Std. No.
D-2

Approved John M. ...
City Engineer

Date 1-9-91



SECTION A-A IS ON STD D-3.2

1. OUTLET STRUCTURE MAY BE A RISER, AS SHOWN, OR ANY OTHER DESIGN WHICH INCORPORATES THE SLOPE PROTECTION, ANTI-SEEP COLLARS AND HYDRAULIC CONSIDERATIONS.
2. SEE STD D-7 FOR ADDITIONAL NOTES.

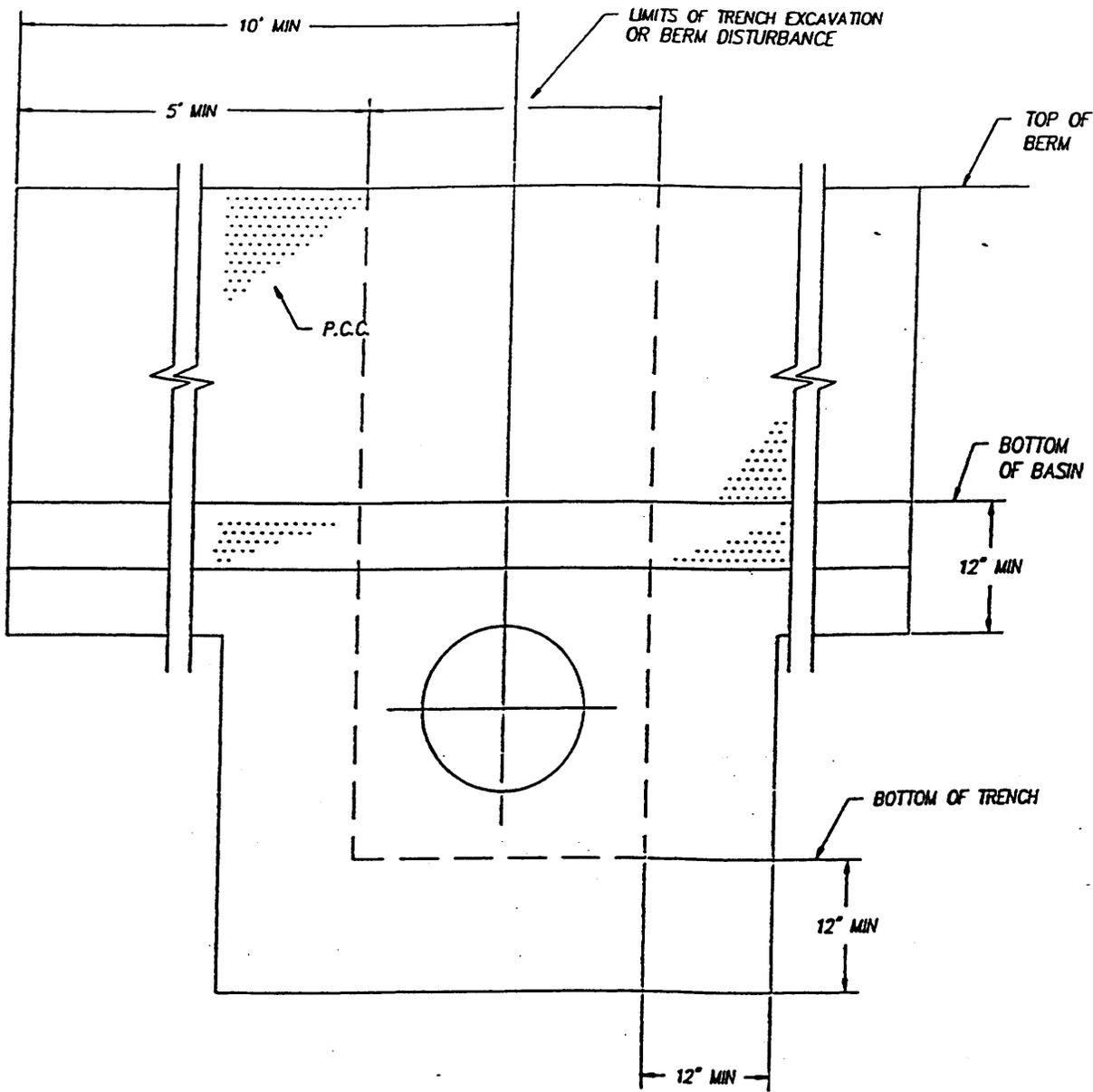
CITY OF PALMDALE...

DETENTION BASIN OUTLET STRUCTURE

Std. No.
D-3.1

Approved *Alan Mendonca*
City Engineer

12-14-92
Date



SECTION A-A FROM STD D-3.1

CITY OF PALMDALE...

DETENTION BASIN OUTLET STRUCTURE

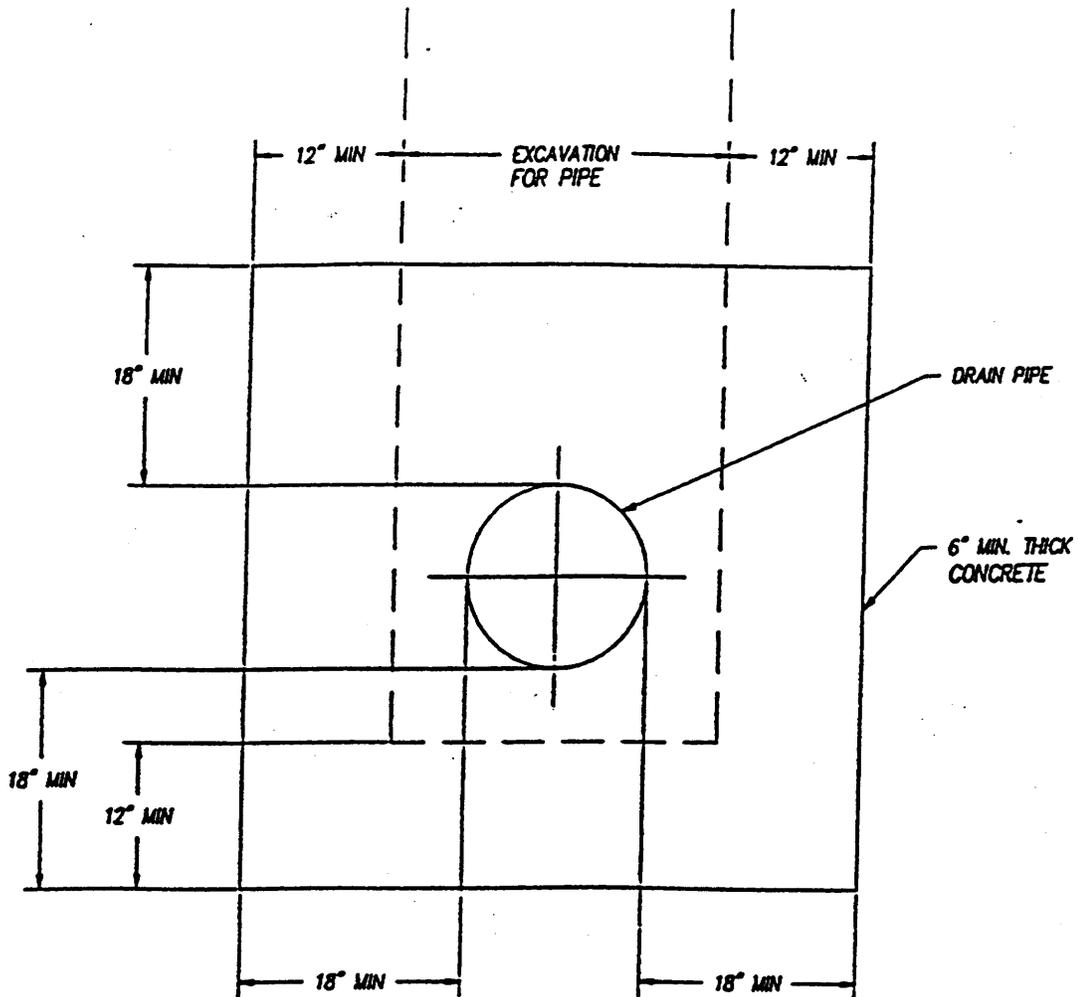
Std. No.

Approved

John M. Hundert
City Engineer

12-14-92
Date

D-3.2



1. SIDES AND BOTTOM OF COLLAR SHALL BE PLACED AGAINST UNDISTURBED SOIL OR COMPACTED FILL
2. ANTI-SEEP COLLAR SHALL EXTEND AT LEAST 12" INTO UNDISTURBED SOIL

CITY OF PALMDALE...

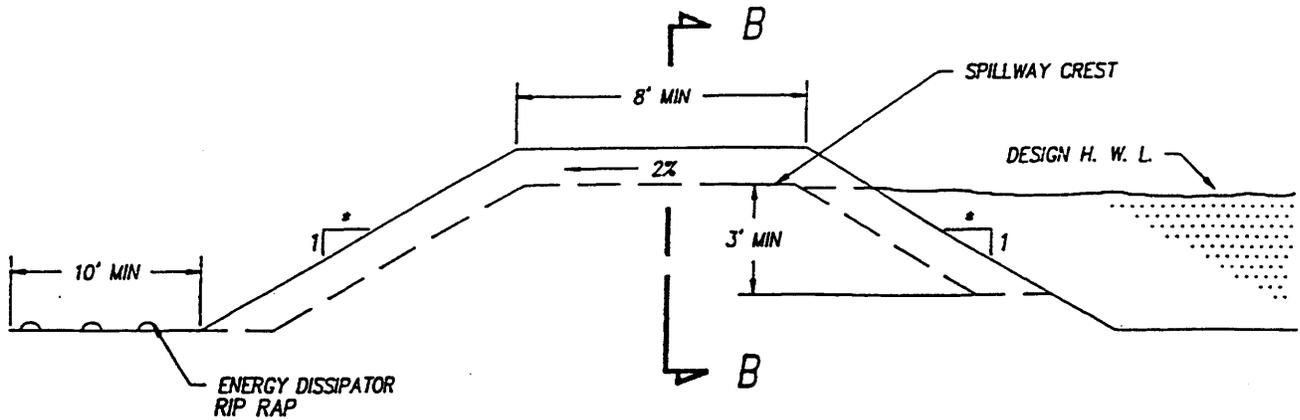
ANTI-SEEP COLLAR

Std. No.

Approved John Munday
City Engineer

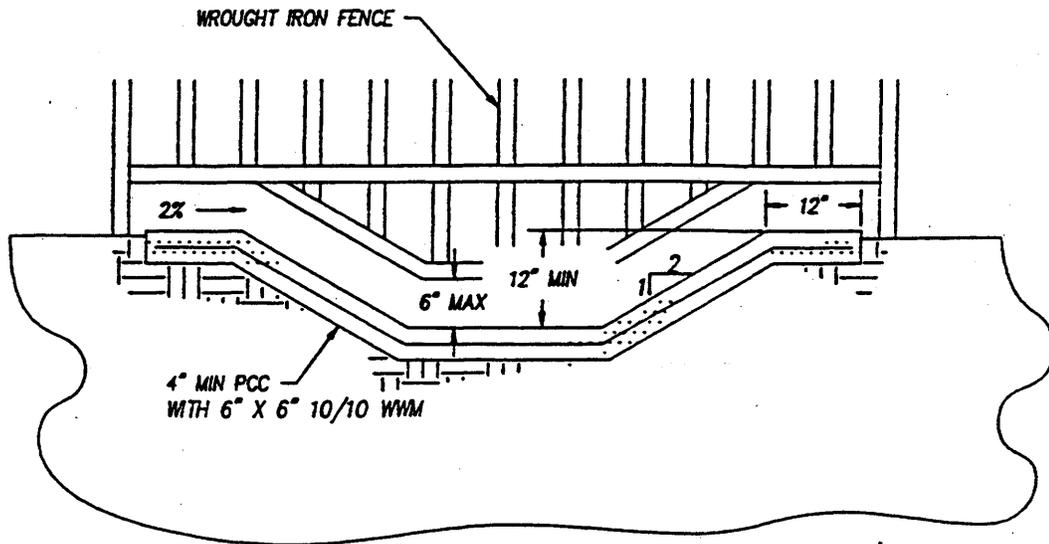
12-14-92
Date

D-4



SECTION THROUGH EMBANKMENT

* SLOPES AS APPROVED BY CITY ENGINEER, NO STEEPER THAN 2:1.
SEE STD D-7.2



SECTION B-B

SEE STD D-7 FOR ADDITIONAL NOTES.

CITY OF PALMDALE...

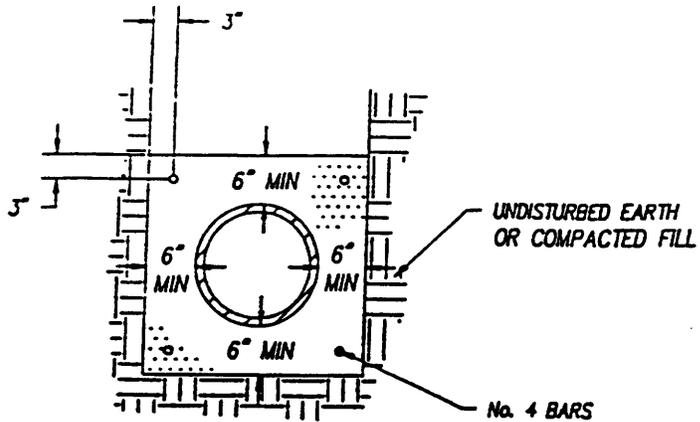
BASIN SPILLWAY

Std. No.

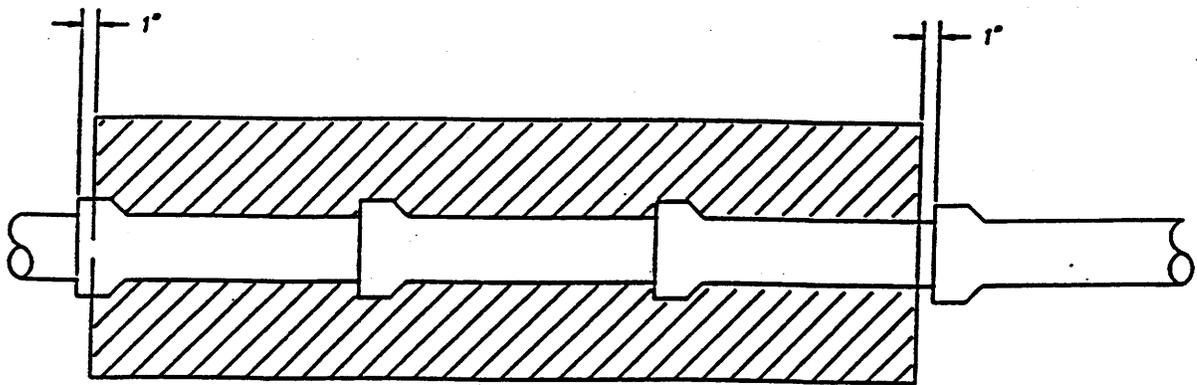
Approved John Almond
City/Engineer

12-14-92
Date

D-5



TYPICAL SECTION



PLAN VIEW

GENERAL NOTES:

1. EXTEND BOTH ENDS OF ENCASEMENT TO A POINT ONE INCH SHORT OF FIRST PIPE JOINT BEYOND LOCATIONS SPECIFIED ON PLAN.
2. APPLY FORM OIL, THIN PLASTIC SHEET, OR OTHER ACCEPTABLE MATERIAL TO PIPE, TO PREVENT BOND BETWEEN PIPE AND CONCRETE.
3. USE CLASS 470-C-2500 CONCRETE
4. PLACE PCC AGAINST UNDISTURBED EARTH OR COMPACTED FILL.

CITY OF PALMDALE...

CONCRETE ENCASEMENT

Std. No.

Approved John Hundwag
City Engineer

12-14-92
Date

D-6

DETENTION/RETENTION BASIN
NOTES

All grading, trenching and backfill shall be considered "Engineered Grading" and shall conform with the requirements of Chapter 70 of the City of Palmdale Building Code and the following. Reports as specified in Section 7021 shall be filed with the City Engineer.

A. SITE PREPARATION

1. The embankment foundation area and reservoir area shall be cleared of all trees, stumps, roots, brush, boulders, sod, and debris.
2. All topsoil containing excessive amounts of organic matter shall be removed.
3. The foundation for the embankment shall be scarified and approved by the geotechnical engineer and city inspector prior to placement of fill. Loose foundation soils shall be removed to firm soil and recompacted to 90% relative compaction.

B. EMBANKMENT

1. The embankment material shall be approved by the geotechnical engineer prior to construction of embankment.
2. The material shall be free of all sod, roots, woody vegetation, large rock (exceeding 12 inches in diameter), and other debris.
3. Placement of fill material shall be started at the lowest point of the foundation and shall be placed in 6-inch maximum lifts which are to be continuous over the entire length of the fill and approximately horizontal. Embankment shall be compacted to 90% relative compaction as per ASTM D-1557.

CITY OF PALMDALE...

BASIN NOTES

Approved

John F. ...
City Engineer

12-14-92
Date

Std. No.

D-7.1

DETENTION/RETENTION BASIN NOTES (continued)

4. Slopes within the basin and slopes outside the landscape maintenance assessment district may be as steep as 2:1 at the discretion of the City Engineer.
5. Pipe shall be encased per STD Plan D-6.
6. Trench backfill (including irrigation line trenches) shall be compacted to 90% relative compaction and certified by the soils engineer. Alternatively, trenches may be backfilled with a sand-cement slurry (2 sack mix) or Portland Cement Concrete, upon the recommendation of the geotechnical consultant. Inspection of this operation by the geotechnical consultant and the city inspector is required.
7. Soils engineer shall verify and approve trench bottom soil prior to placement of pipe.

C. OUTLET STRUCTURES

1. The drain pipe encasement shall be placed on a firm foundation approved by the soils engineer.
2. Anti-seep collars are required at 15' intervals for pipe under the embankment, with a minimum of one required in addition to the inlet and outlet erosion protection.
3. Discharge shall be to a paved street, channel, or an approved drainage course with grouted riprap. Riprap shall be 12" minimum size rock. Riprap shall be embedded a minimum 6" into grout.
4. The drain pipe shall be a minimum of 15" in diameter and shall be constructed with water tight joints.
5. All concrete shall be Portland Cement Concrete 420-C-2000 unless otherwise specified.

CITY OF PALMDALE...

BASIN NOTES

Std. No.

Approved *John Munday*
City Engineer

12-14-92
Date

D-7.2

DETENTION/RETENTION BASIN NOTES (continued)

D. EMERGENCY SPILLWAY

1. The spillway shall be lined with a minimum of 4-inch thick concrete, reinforced with 6" X 6" 10/10 welded wire mesh. The concrete must extend a minimum of 3 feet down the upstream face of the embankment.
2. Spillway and outlet structures may be combined into a single structure, but the low-flow outlet capability must be retained, if required by the City Engineer. Details must be included on grading plans.
3. Spillway may be combined with access driveway, if approved by the City Engineer. Details must be included on grading plans.

E. EROSION CONTROL

1. Except for bottom and concrete areas, all interior surfaces of the basin shall be prepared and hydroseeded as required by the City Landscape Architect.
2. There shall be no permanent landscape irrigation system inside the basin.

CITY OF PALMDALE...

BASIN NOTES

Approved

John Townsend
City Engineer

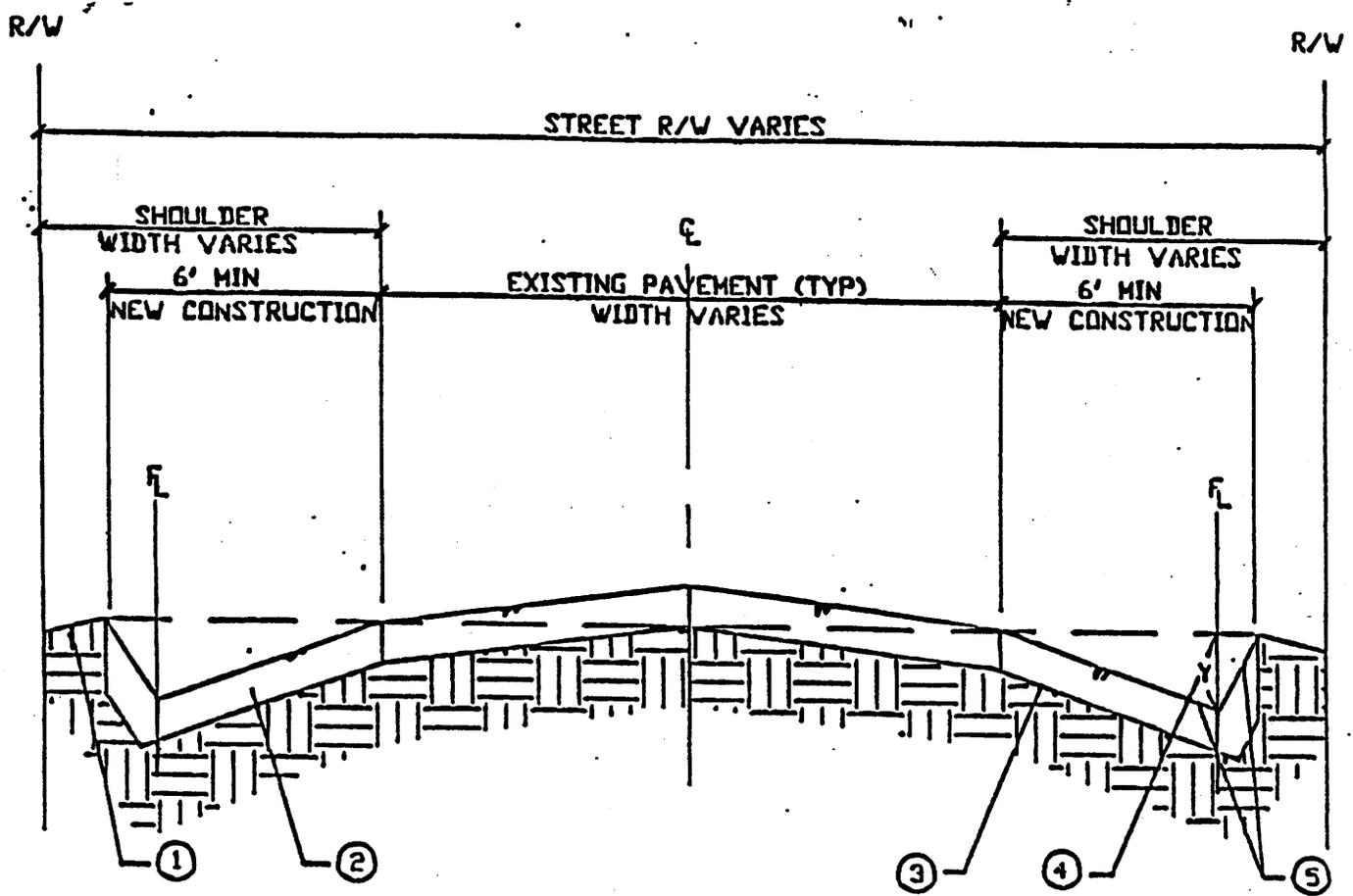
Date

12-14-92

Std. No.

D-7.3

"MODIFIED"
MINIMUM TYPICAL SECTION
WHERE REQUIRED
FOR DRAINAGE PURPOSES



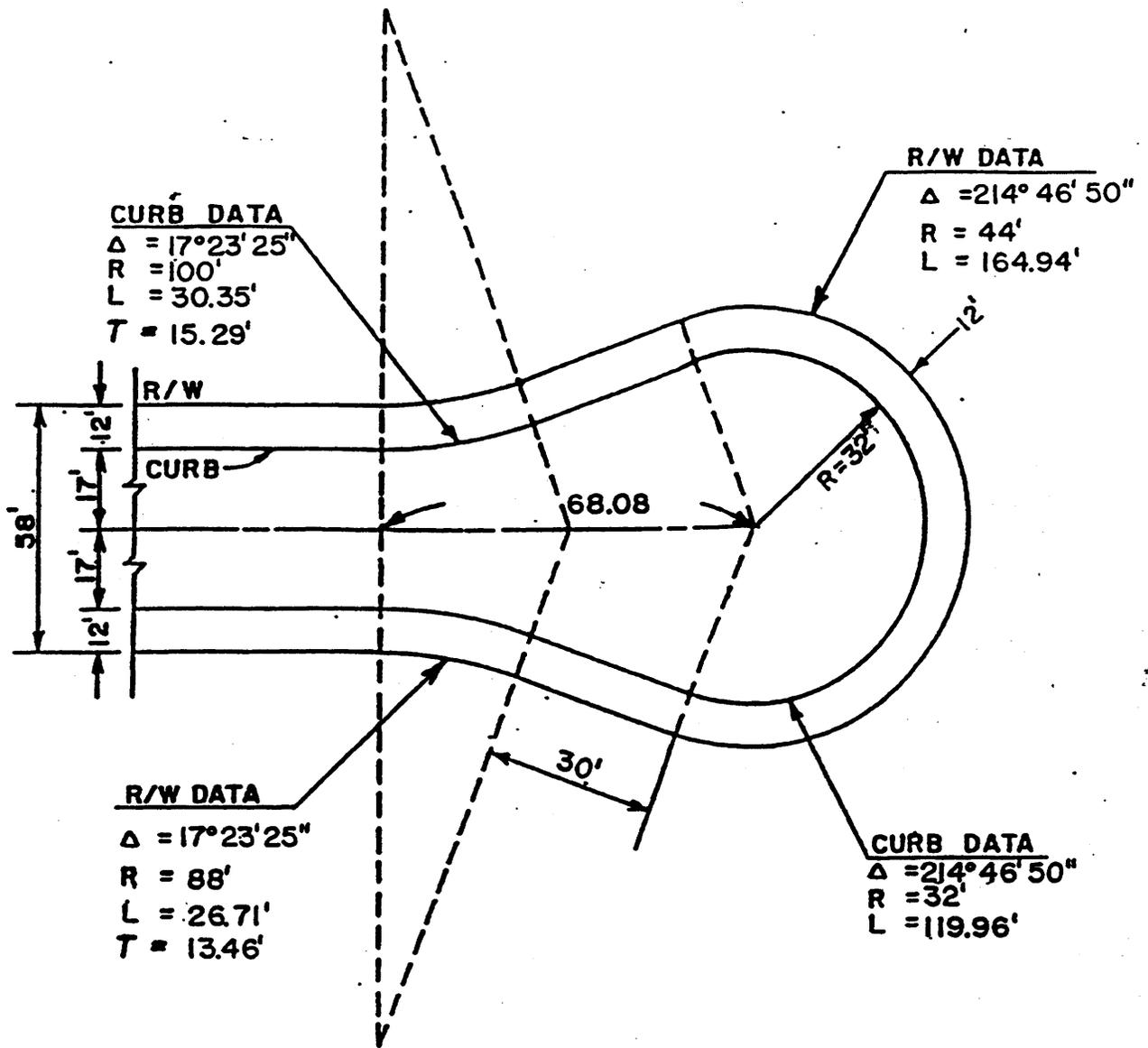
- ① MAX 2:1 SLOPE (TYP)
- ② PAVED SWALE W/ DERM (TYP)
- ③ STRUCTURAL SECTION SUBJECT TO APPROVAL BY CITY ENGINEER
- ④ 1'1" DEPTH OF SWALE SUBJECT TO APPROVAL BY CITY ENGINEER
- ⑤ MAX 3:1 SLOPE (TYP)

CITY OF PALMDALE...

MODIFIED LACDPW STANDARD - STANDARD PLAN 1070-0

Approved *John Manduca* 7/30/92
City Engineer Date

Std. No.
D-8



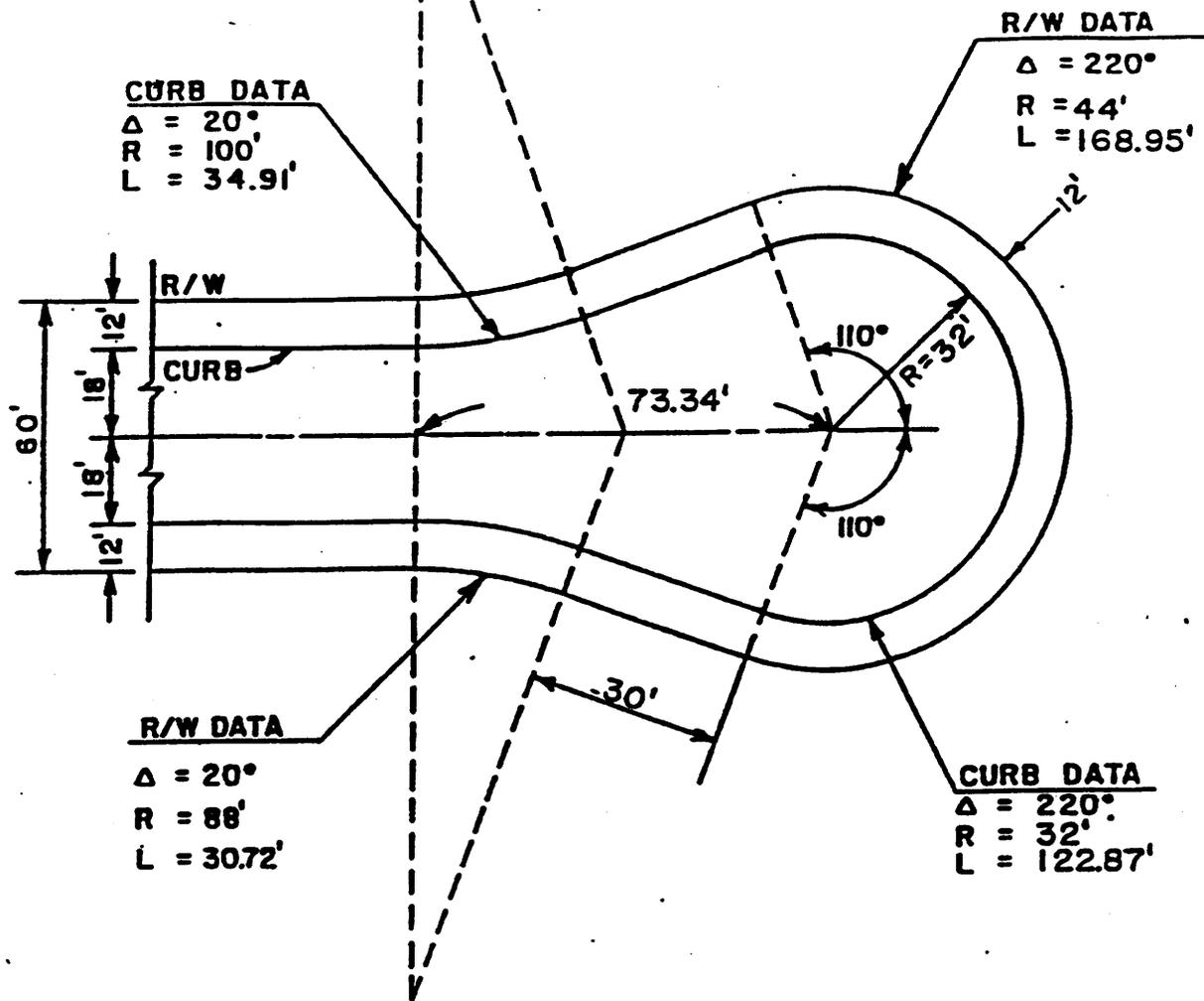
CITY OF PALMDALE...

Residential Cul-De-Sac

**Std. No.
G-1.1**

Approved *[Signature]*

6/18/92



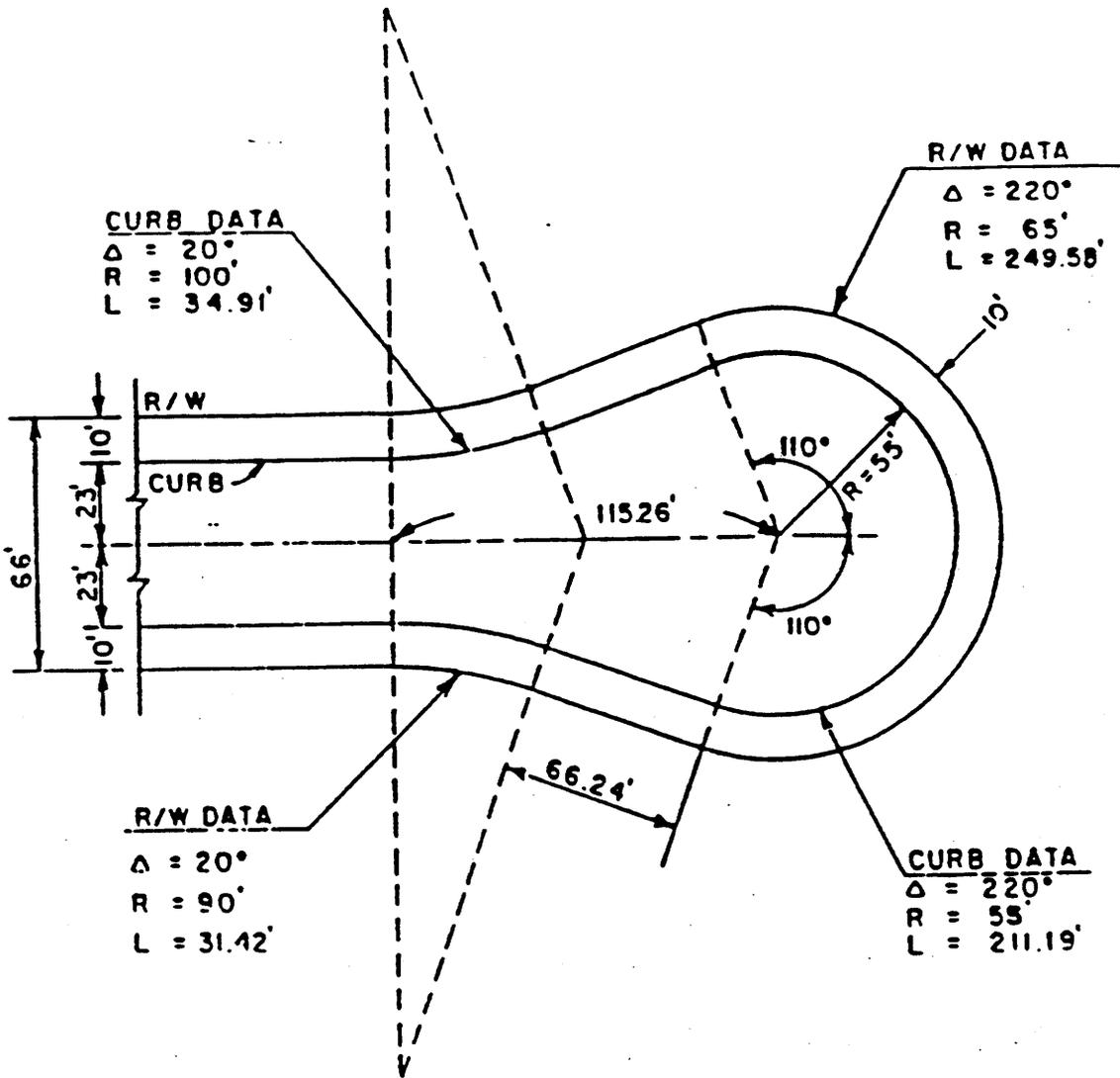
CITY OF PALMDALE...

Residential Cul-De-Sac

Std. No.
G-1.2

Approved *Oliver M. Munsweel*
CITY ENGINEER

DATE 6/18/92



CITY OF PALMDALE...

Commercial Cul-De-Sac

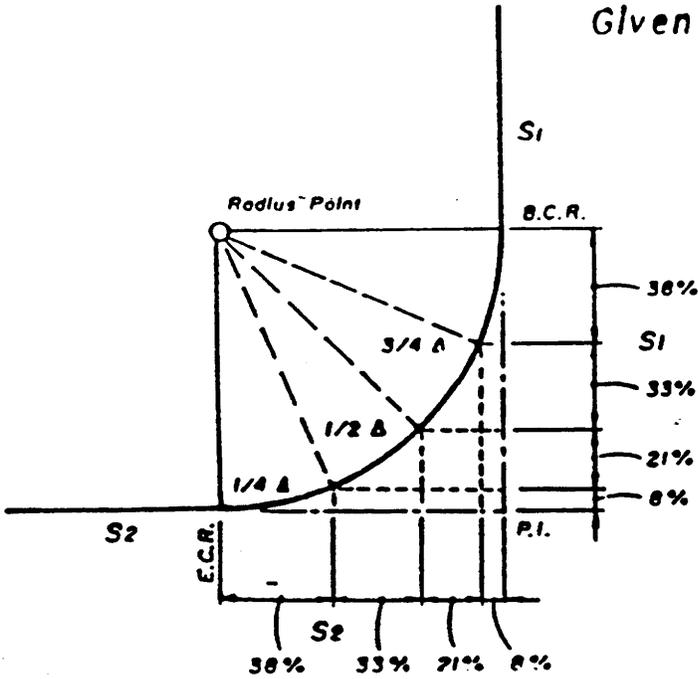
**Std. No.
G-2**

Approved *Colin M. ...*
City Engineer

1-9-91
Date

Given:

B.C.R. Elev. : _____
 E.C.R. Elev. : _____
 P.I. Elev. : _____
 S₁ - Diff. in Elev. Between BCR And PI = _____
 S₂ - " " " " " ECR " " " " _____



1/4 Δ = B.C.R. Elev. + 38% S₁ + 8% S₂.
 1/2 Δ = B.C.R. Elev. + 38% S₁ + 33% S₁ + 8% S₂ + 21% S₂.
 3/4 Δ = B.C.R. Elev. + 38% S₁ + 33% S₁ + 21% S₁ + 8% S₂ + 21% S₂ + 33% S₂.

Note: P.I. Elevation Determined By Grades Of Through "X" Street

B.C.R. = _____

1/4 Δ = B.C.R. Elevation + 38% S₁ + 8% S₂
 _____ + 0.38 () + 0.08 ()
 _____ + _____ + _____ = _____

1/2 Δ = B.C.R. Elevation + 71% S₁ + 29% S₂
 _____ + 0.71 () + 0.29 ()
 _____ + _____ + _____ = _____

3/4 Δ = B.C.R. Elevation + 92% S₁ + 62% S₂
 _____ + 0.92 () + 0.62 ()
 _____ + _____ + _____ = _____

E.C.R. = _____

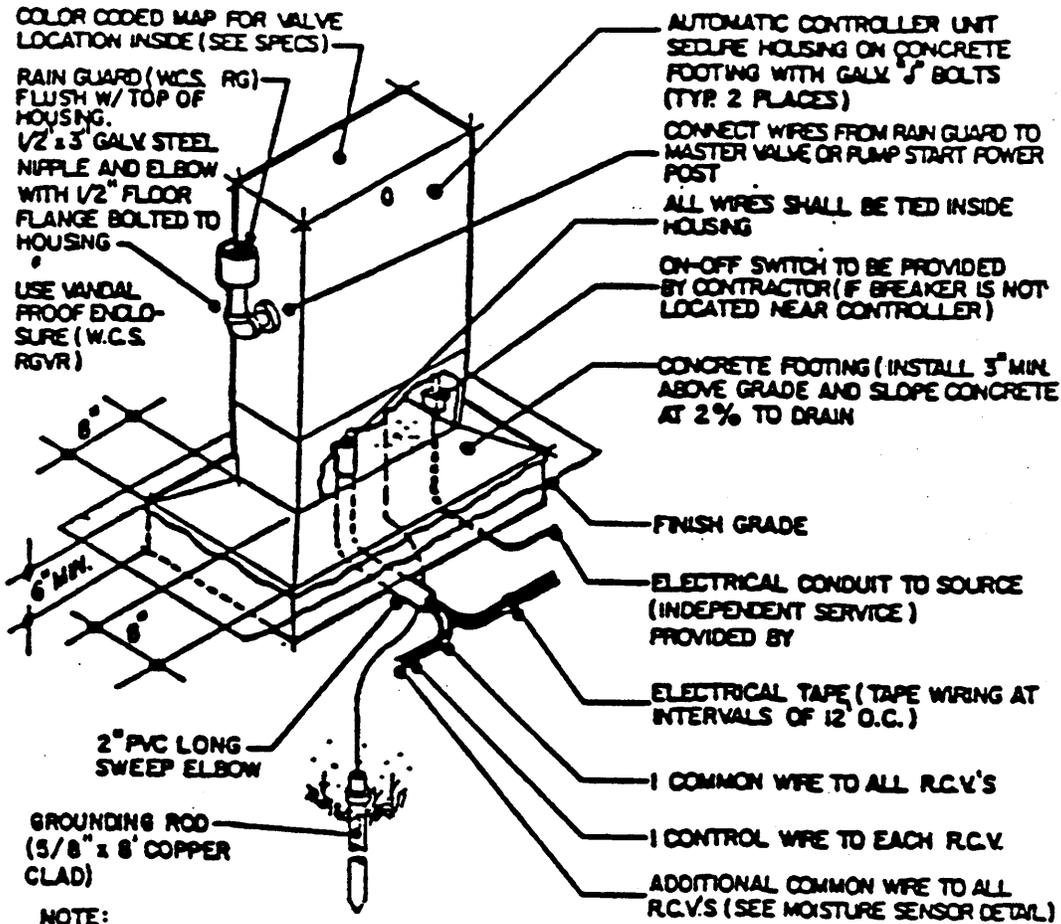
CITY OF PALMDALE...

Return Grades

Std. No.
G-4

Approved *John Stundwell*
City Engineer

Date 1-9-91



NOTE:

- COMMON WIRE TO BE WHITE AND CONTROL WIRE TO BE BLACK IN COLOR UNLESS OTHERWISE NOTED.
- NO SPLICES SHALL BE MADE BETWEEN CONTROLLER AND REMOTE CONTROL VALVE UNLESS OTHERWISE APPROVED.
- CONTROL WIRING SEQUENCE CORRESPONDS TO OPERATING SEQUENCE OF REMOTE CONTROL VALVES AND AUTOMATIC CONTROLLER UNIT. (AS ON DRAWING)
- WHEN USING RAIN GUARD LOCATE CONTROLLER IN A WAY NOT TO BE SPRAYED BY SPRINKLER

CITY OF PALMDALE

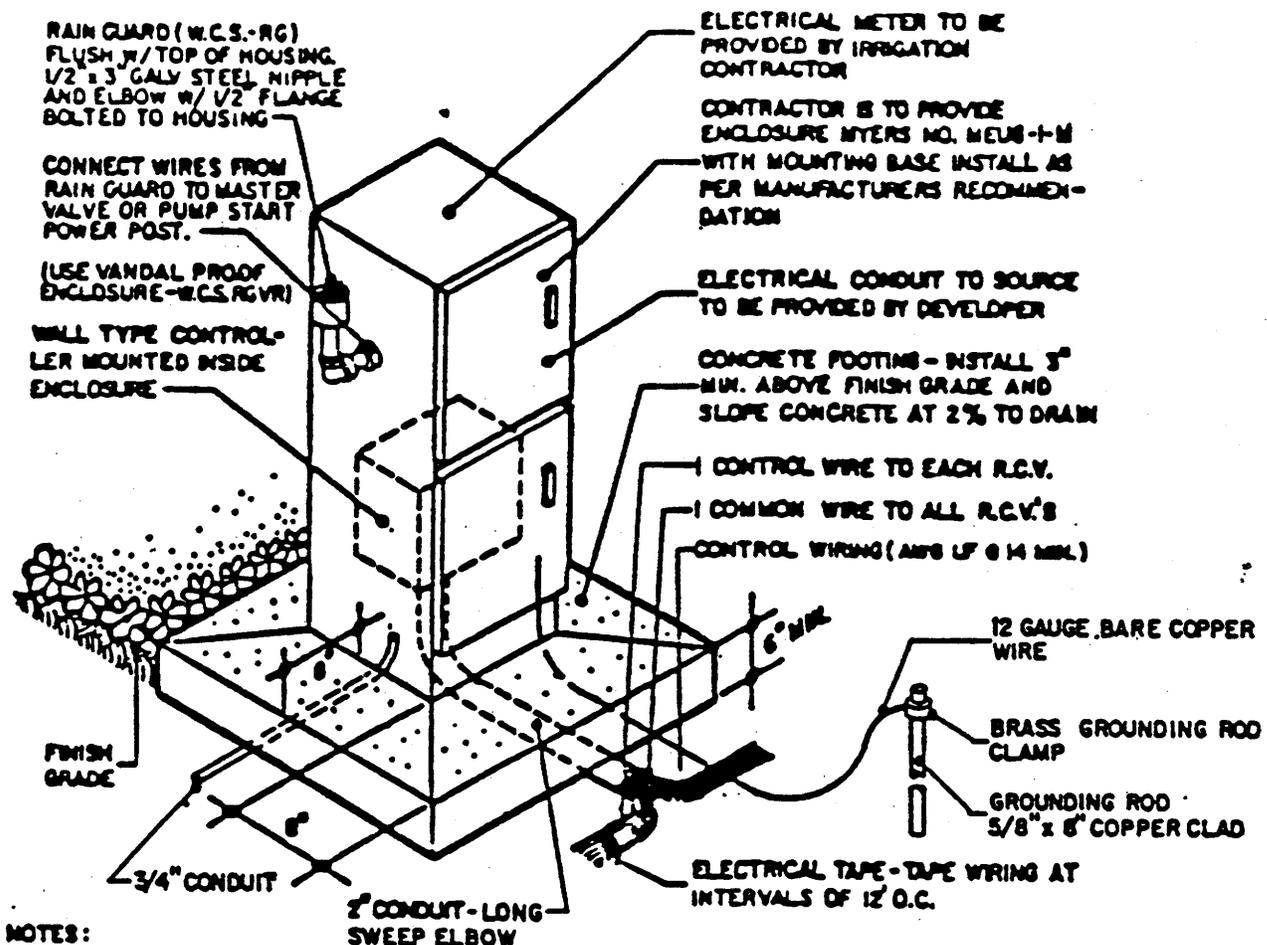
TYP. AUTOMATIC CONTROLLER (OUTDOORS)

**STANDARD
DETAIL**

REVISIONS

1-1

ENGINEERING PLANNING PUBLIC WORKS
 APPROVED BY ABOVE DATE IMPLEMENTED 1-10-98



NOTES:

1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE BLACK IN COLOR UNLESS OTHERWISE NOTED.
2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER & REMOTE CONTROL VALVE UNLESS OTHERWISE APPROVED.
3. CONTROL WIRING SEQUENCE CORRESPONDS TO OPERATING SEQUENCE OF REMOTE CONTROL VALVES & AUTOMATIC SPRINKLER UNIT STATION CONNECTION - SEE IRRIGATION PLAN FOR CORRECT VALVE SEQUENCE.
4. WHEN USING RAIN GUARD LOCATE CONTROLLER IN A WAY NOT TO BE SPRAYED BY SPRINKLER.

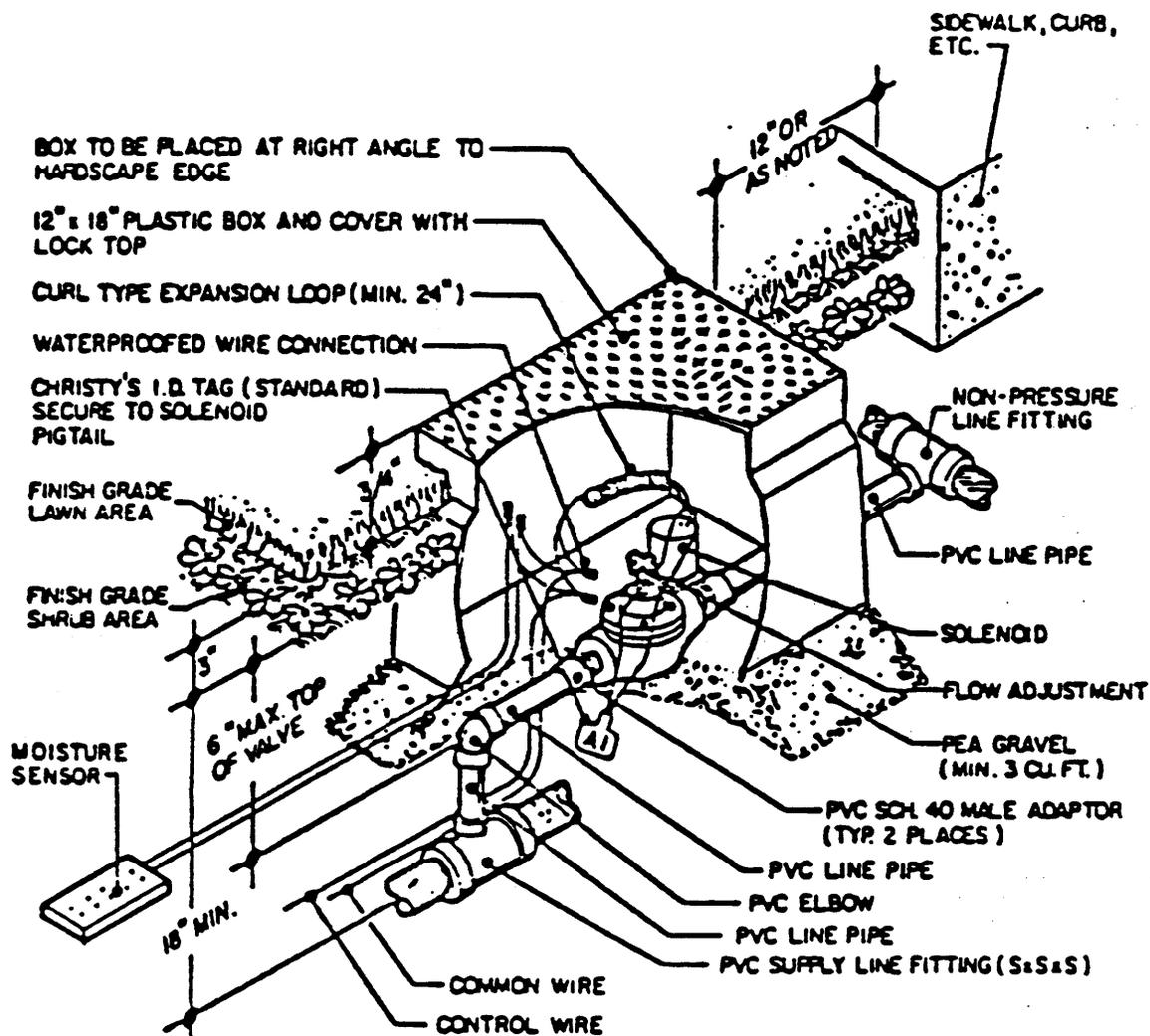
CITY OF PALMDALE

TYP. ELECTRICAL METER (PEDESTAL)

REVISIONS

**TYPE "A"
STANDARD
DETAIL**

<i>Qm</i>			
ENGINEERING	PLANNING	PUBLIC WORKS	
APPROVED BY ABOVE			DATE IMPLEMENTED 1-10-92



- NOTES:
1. VALVES ARE TO BE INSTALLED IN SHRUB AREAS UNLESS OTHERWISE NOTED.
 2. WHEN MORE THAN ONE VALVE IS LOCATED IN THE SAME AREA. PROVIDE A SPACE A MIN. OF 3 FT. APART.
 3. USE TEFLON TAPE ON ALL THREADED FITTINGS.

CITY OF PALMDALE

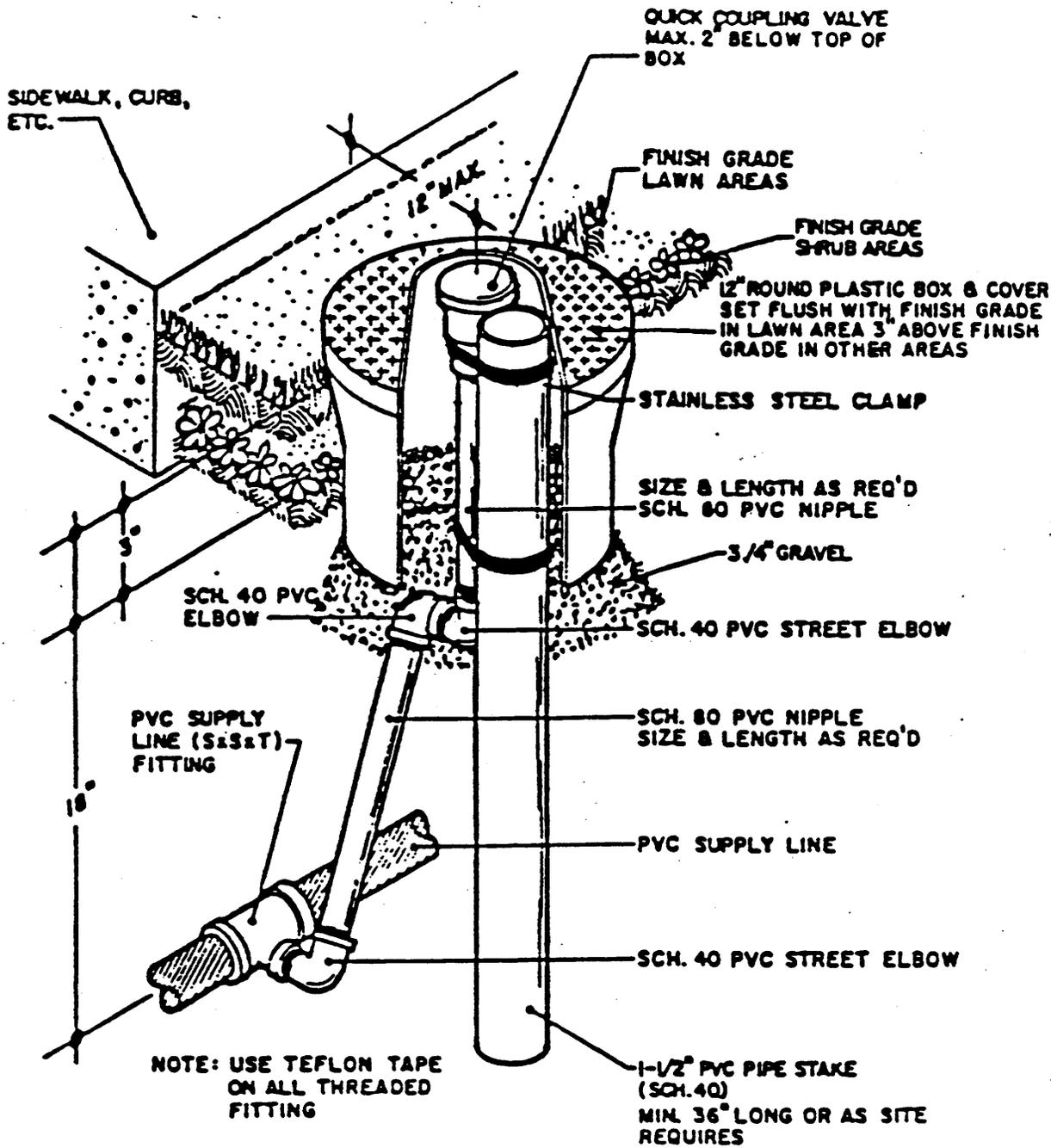
**TYP. REMOTE CONTROL VALVE
(STRAIGHT TYPE)**

**STANDARD
DETAIL**

REVISIONS

1-3

ENGINEERING PLANNING PUBLIC WORKS
 APPROVED BY ABOVE DATE IMPLEMENTED 1-10-98



CITY OF PALMDALE

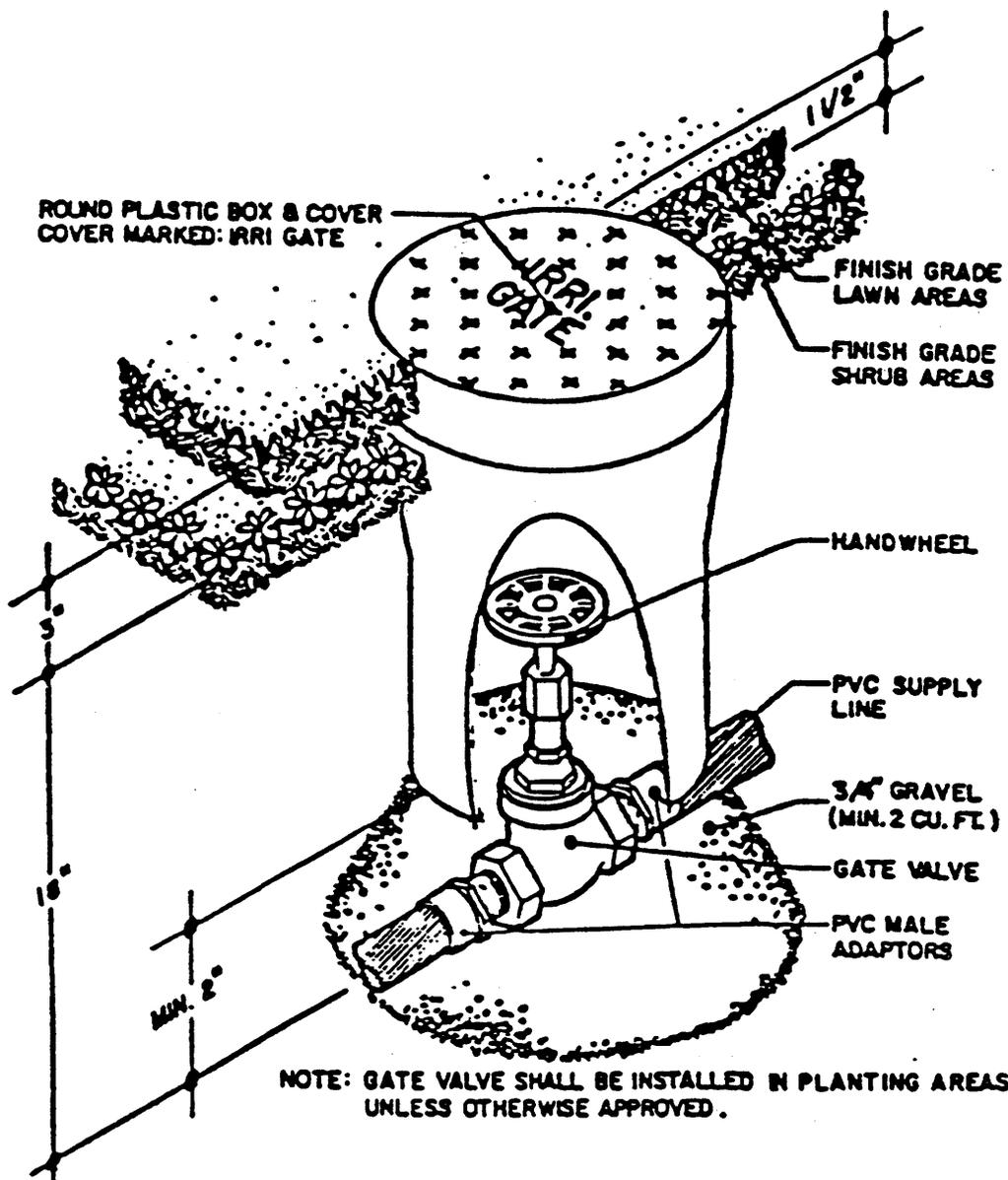
STANDARD
DETAIL

TYP. QUICK COUPLING VALVE

REVISIONS

1-5

ENGINEERING PLANNING PUBLIC WORKS
 APPROVED BY ABOVE DATE IMPLEMENTED 1-10-91



NOTE: GATE VALVE SHALL BE INSTALLED IN PLANTING AREAS UNLESS OTHERWISE APPROVED.

CITY OF PALMDALE

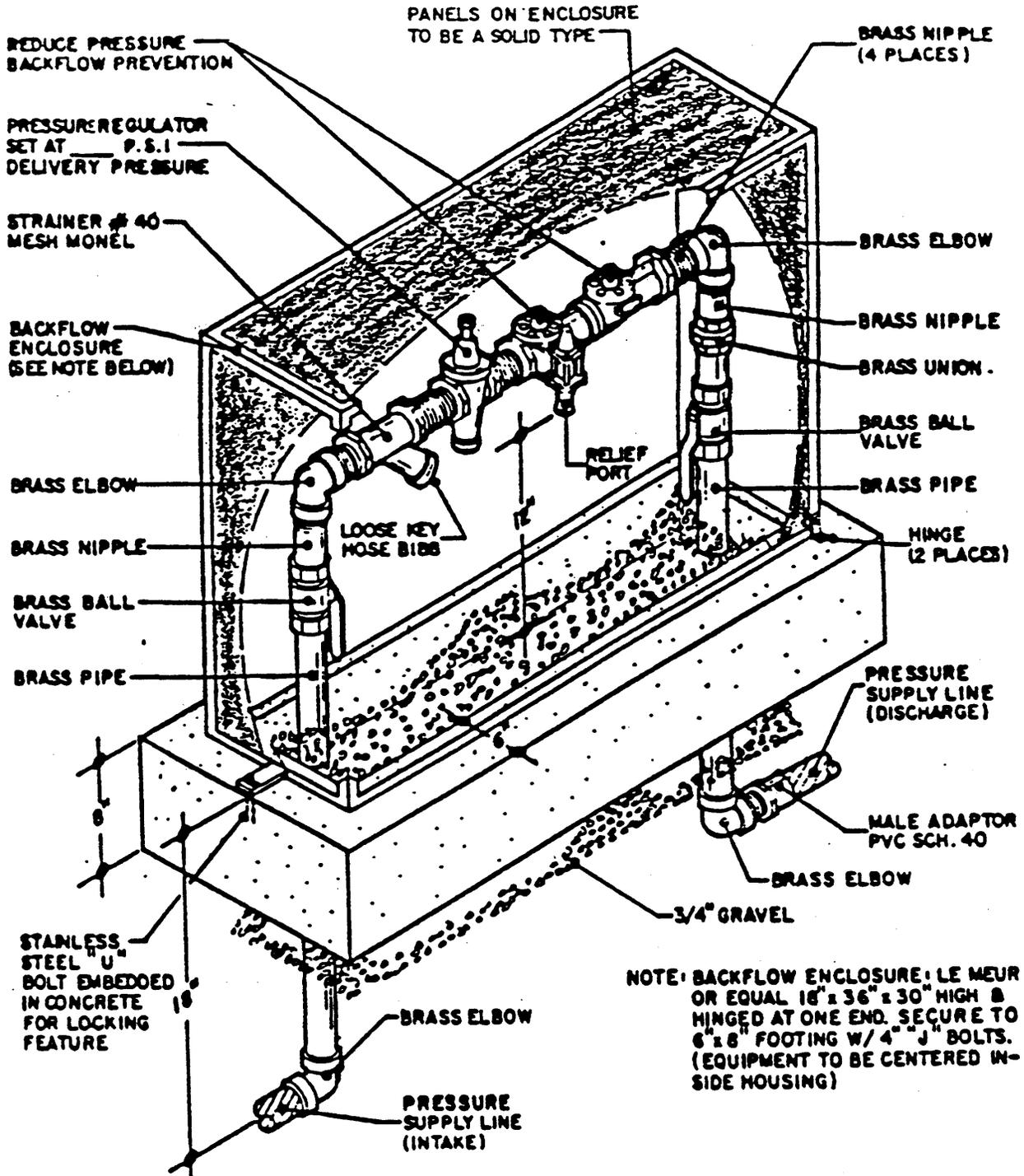
STANDARD
DETAIL

TYP. GATE VALVE (3" & SMLR)

REVISIONS

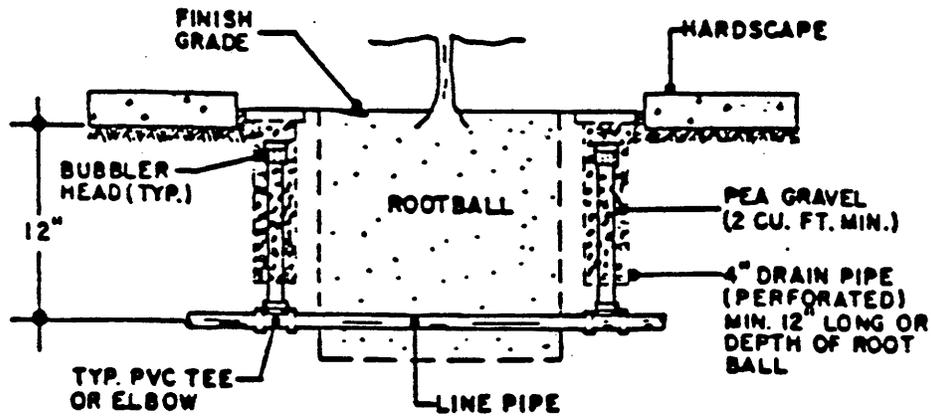
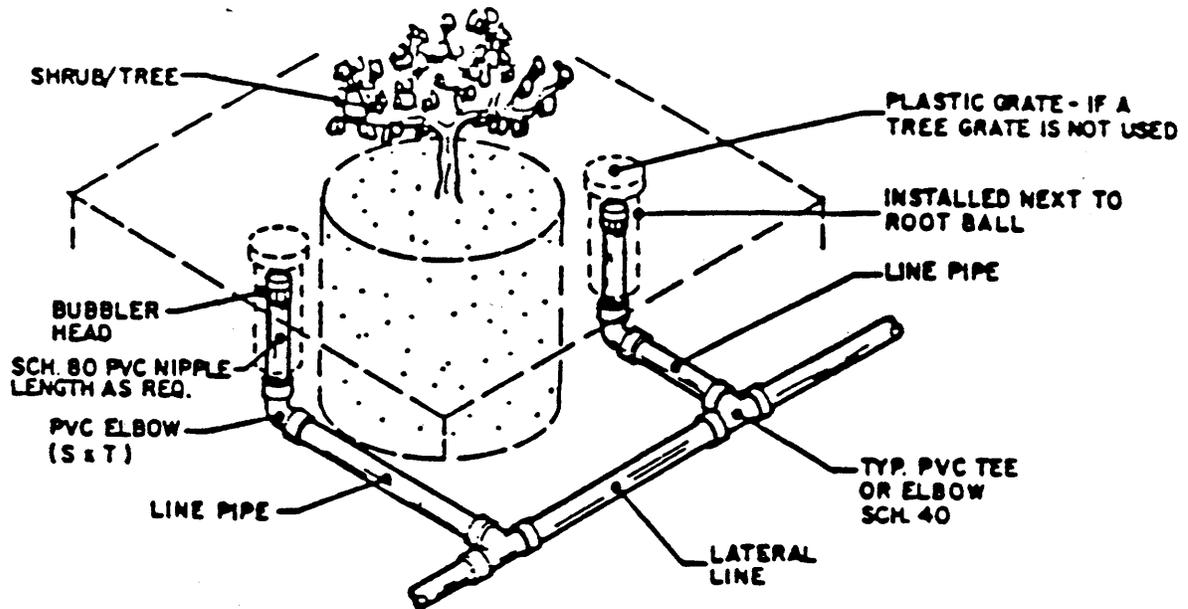
I-6

ENGINEERING PLANNING PUBLIC WORKS
APPROVED BY ABOVE DATE IMPLEMENTED 1-10-91



NOTE: BACKFLOW ENCLOSURE: LE MEUR OR EQUAL 18" x 36" x 30" HIGH & HINGED AT ONE END. SECURE TO 6" x 8" FOOTING W/ 4" "J" BOLTS. (EQUIPMENT TO BE CENTERED INSIDE HOUSING)

CITY OF PALMDALE			STANDARD DETAIL
TYP. BACKFLOW PREVENTOR INSIDE ENCLOSURE			
		REVISIONS	1-7
ENGINEERING PLANNING PUBLIC WORKS APPROVED BY ABOVE DATE IMPLEMENTED 1-10-91			



NOTES: ● USE TEFLON TAPE ON ALL THREADED FITTINGS.

● TYP. DRAIN PIPE SHALL BE INSTALLED NEXT TO ROOTBALL OF PLANT MATERIAL.

● ON SLOPES INSTALL UP SLOPE FROM ROOT BALL.

CITY OF PALMDALE

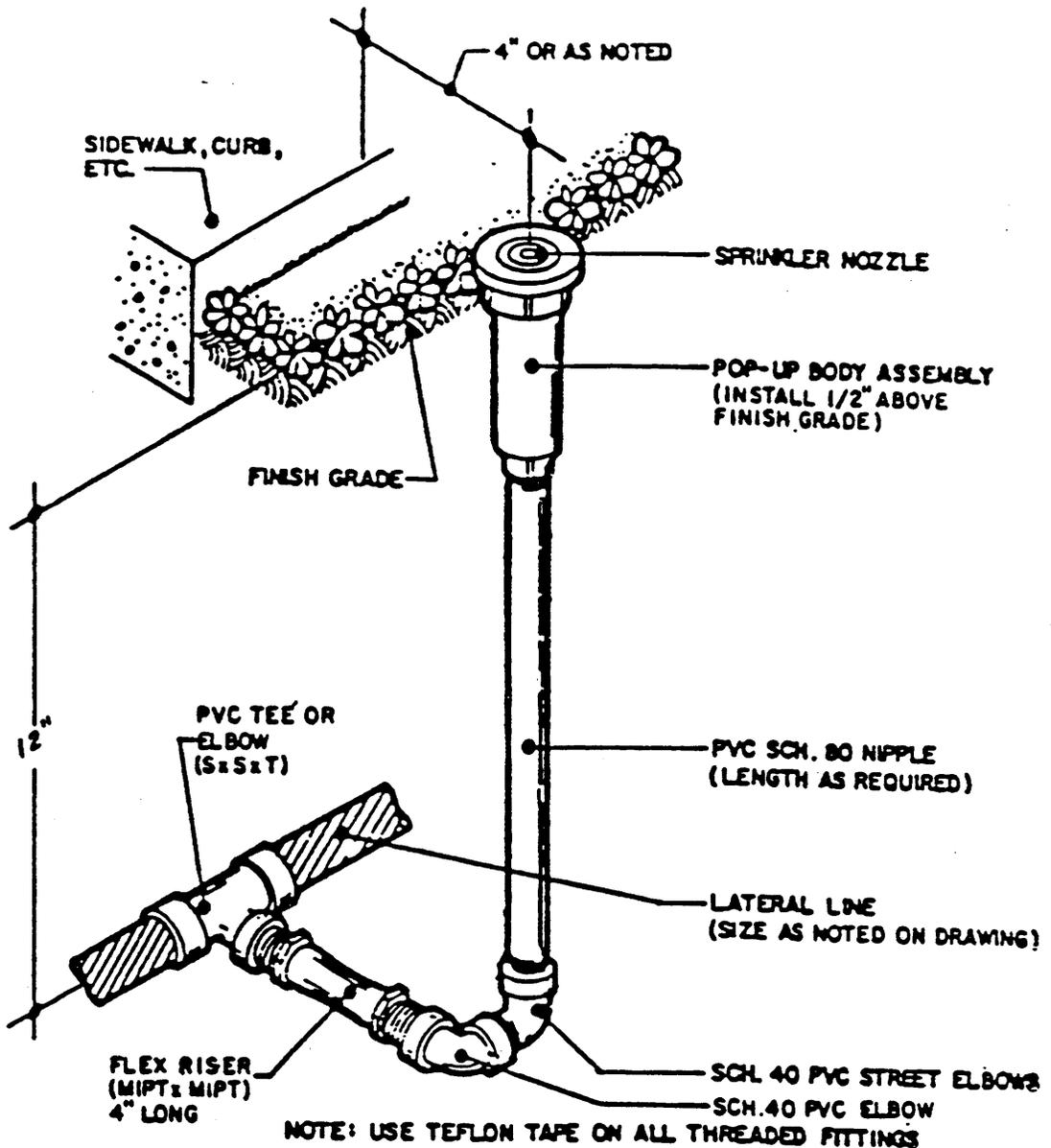
**STANDARD
DETAIL**

TYP. TREE WELL BUBBLER

REVISIONS

1-8

ENGINEERING PLANNING PUBLIC WORKS
APPROVED BY ABOVE DATE IMPLEMENTED 1-10-91



CITY OF PALMDALE

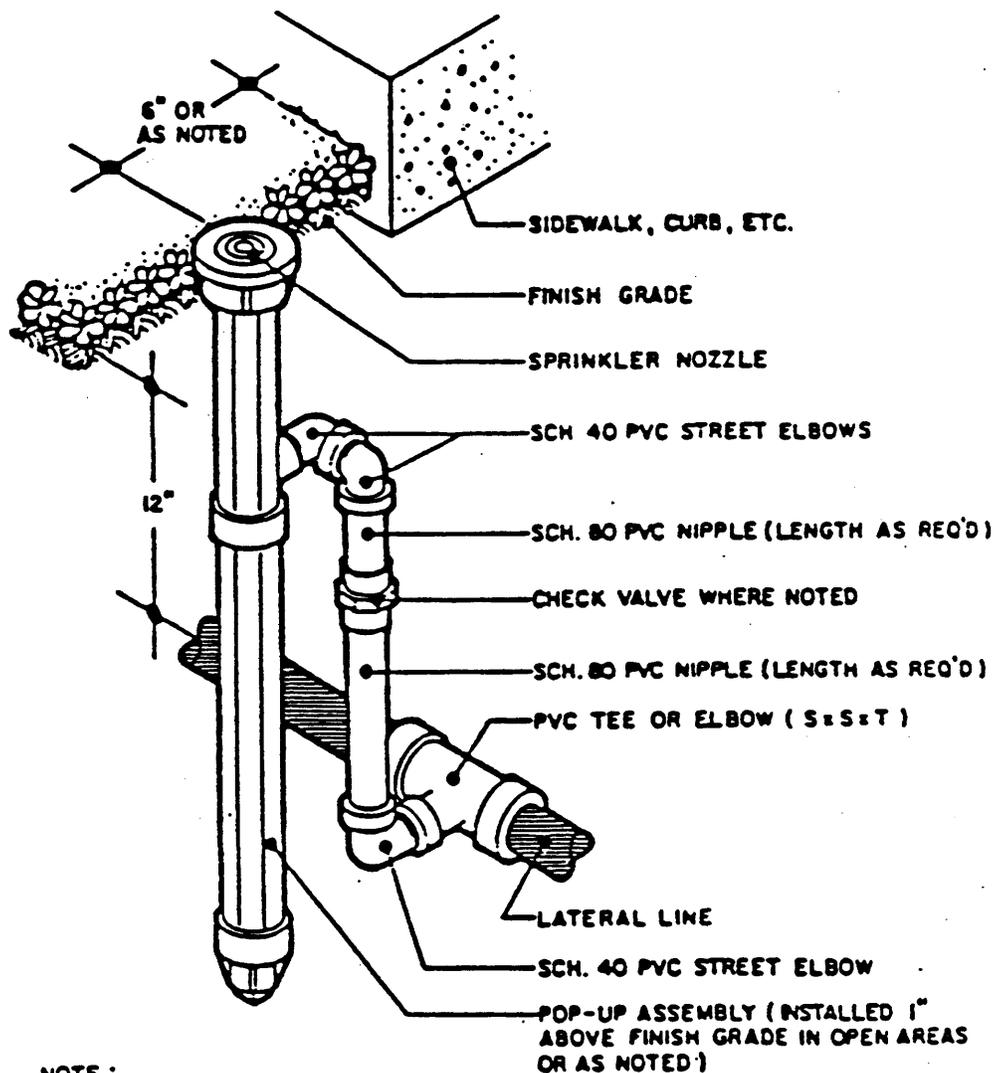
**STANDARD
DETAIL**

TYP. SHRUB HEAD ASSEMBLY

REVISIONS

ENGINEERING	PLANNING	PUBLIC WORKS	
APPROVED BY ABOVE			DATE IMPLEMENTED 1-10-91

1-9



NOTE :

1. INSTALL HEAD FLUSH WITH TOP OF HARDSCAPE AT INTERSECTIONS & CORNERS.
2. USE TEFLON TAPE ON ALL THREADED FITTINGS.

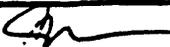
CITY OF PALMDALE

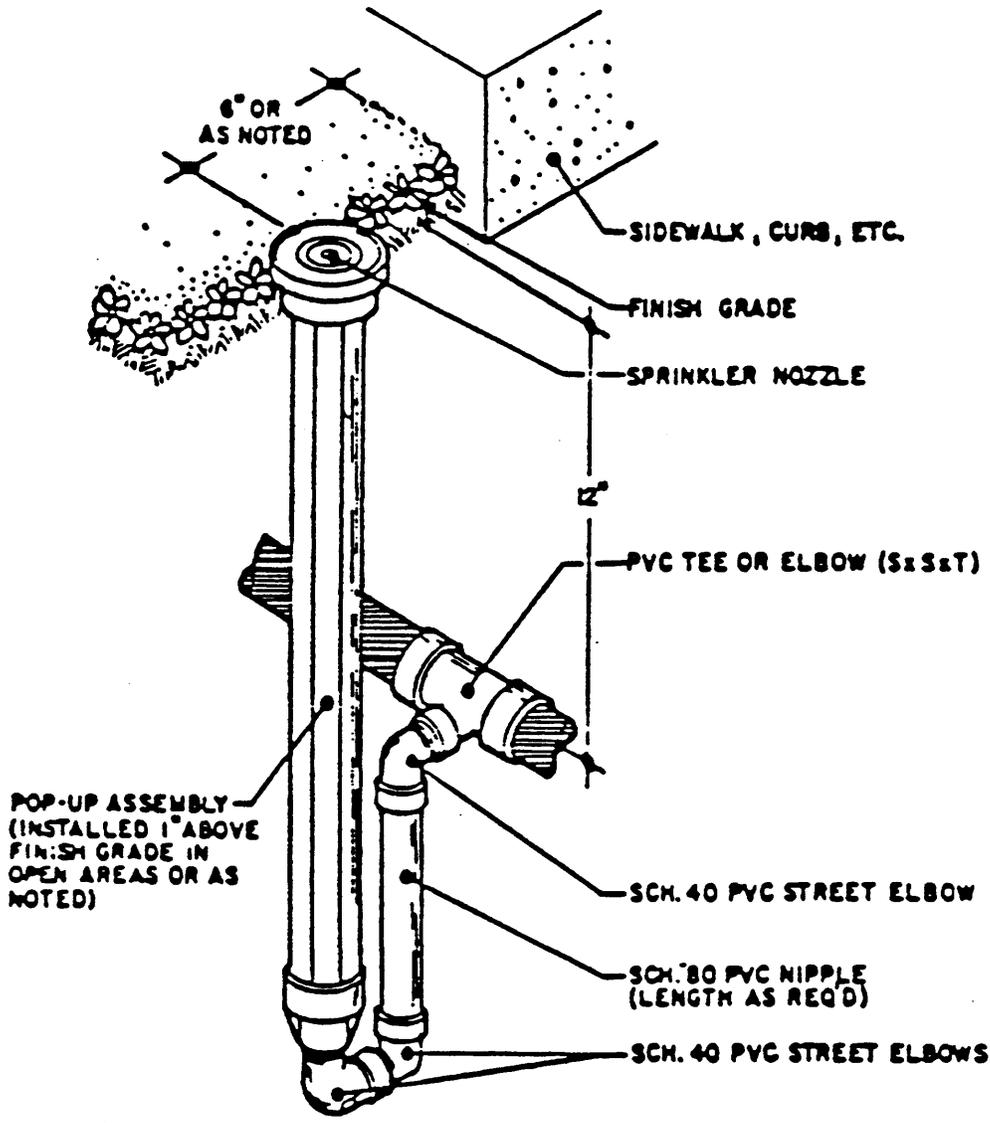
**STANDARD
DETAIL**

**TYP. 12" POP-UP SHRUB HEAD
(SIDE GATED)**

REVISIONS

I-10

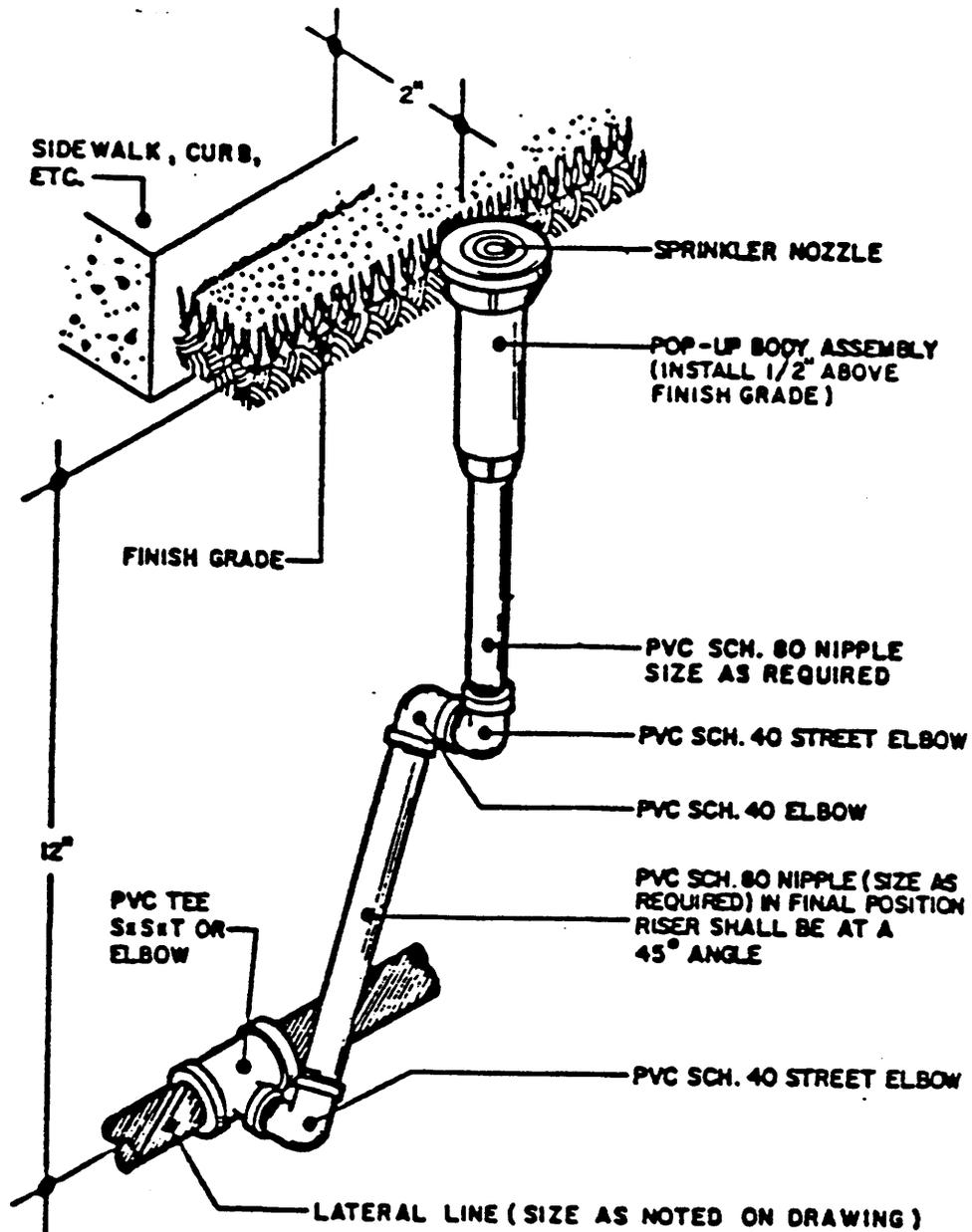
			
ENGINEERING	PLANNING	PUBLIC WORKS	
APPROVED BY ABOVE			DATE IMPLEMENTED 1-10-91



POP-UP ASSEMBLY
(INSTALLED 1" ABOVE
FINISH GRADE IN
OPEN AREAS OR AS
NOTED)

- NOTE:**
1. INSTALL HEAD FLUSH WITH TOP OF HARDSCAPE AT INTERSECTION & CORNERS.
 2. USE TEFLON TAPE ON ALL THREADED FITTINGS.
 3. BODY TO BE EQUIPED WITH BUILT-IN CHECK VALVE.

CITY OF PALMDALE			STANDARD DETAIL
TYP. 12" POP-UP SHRUB HEAD (BOTTOM FED)		REVISIONS	
			I-11
ENGINEERING	PLANNING	PUBLIC WORKS	
APPROVED BY ABOVE DATE IMPLEMENTED 1-10-91			



NOTE: USE TEFLON TAPE ON ALL THREADED FITTINGS

CITY OF PALMDALE

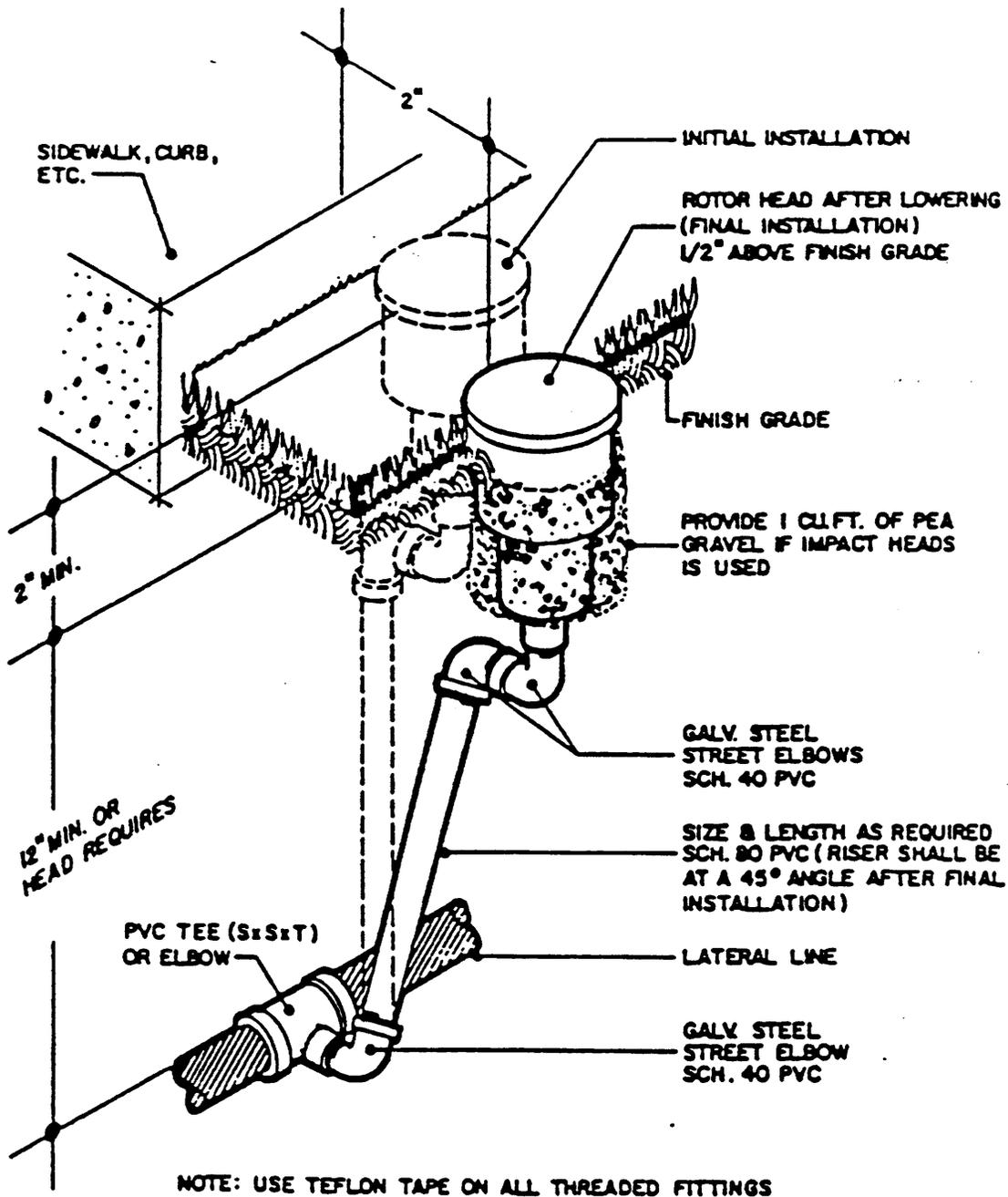
STANDARD
DETAIL

TYP. LAWN HEAD ASSEMBLY

REVISIONS

<i>Jm</i>		
ENGINEERING	PLANNING	PUBLIC WORKS
APPROVED BY ABOVE	DATE IMPLEMENTED	1-10-91

I-12



CITY OF PALMDALE

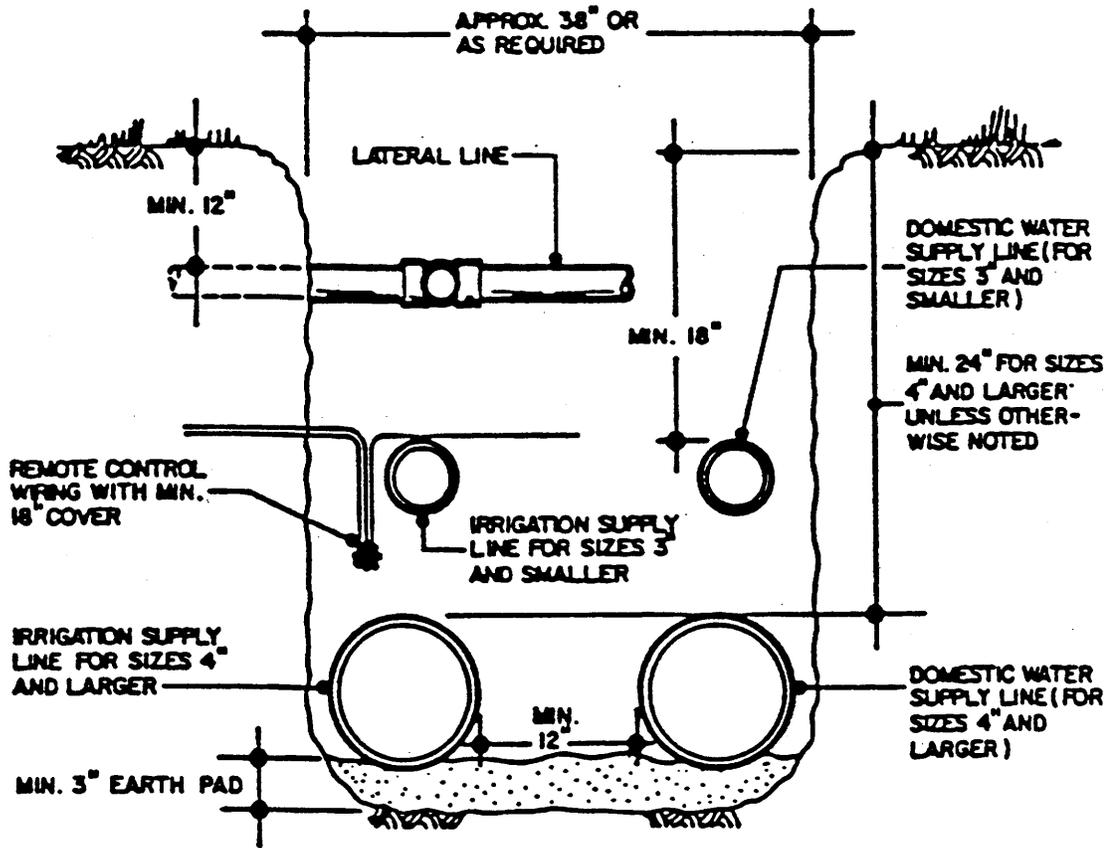
STANDARD
DETAIL

TYP. LAWN ROTOR HEAD (LARGE)

REVISIONS

I-13

<i>[Signature]</i>		
ENGINEERING	PLANNING	PUBLIC WORKS
APPROVED BY ABOVE	DATE IMPLEMENTED	1-10-91



NOTES:

- PROVIDE SAND BACKFILL A MIN. OF 12" OVER AND UNDER ALL PIPING UNDER PAVED AREAS AND A MIN. OF 6" ON ALL OTHER PRESSURE PIPING WHEN NOTED.
- INSTALL ALL SUPPLY LINES (DOMESTIC AND IRRIGATION) MIN. 10 FEET IN HORIZONTAL DISTANCE FROM SEWER LINES AND MIN. 3 FEET ABOVE THE ELEVATION OF NEARBY SEWER LINES WHERE THESE LINES CROSS.

CITY OF PALMDALE

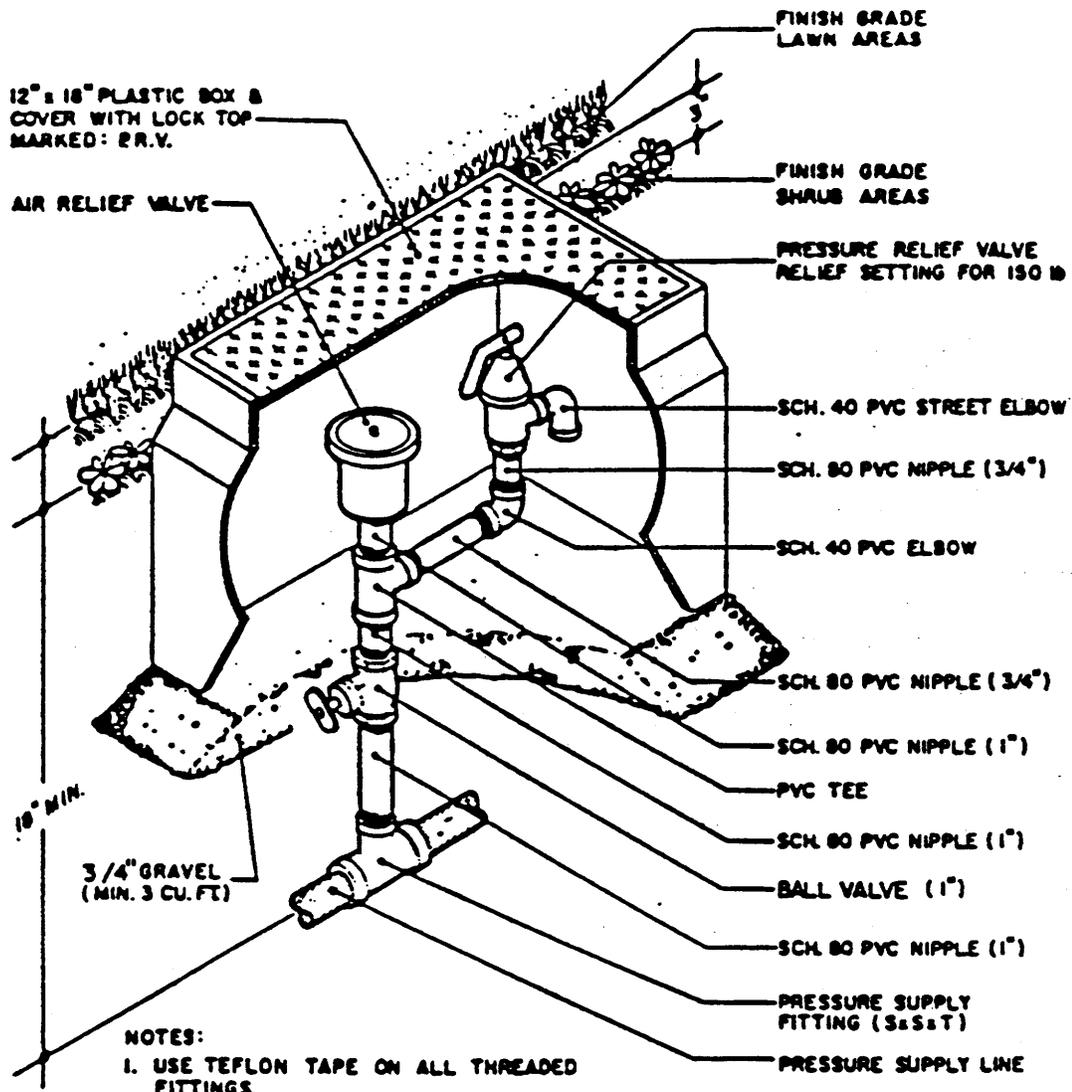
**STANDARD
DETAIL**

TYP. GENERAL DITCHING

REVISIONS

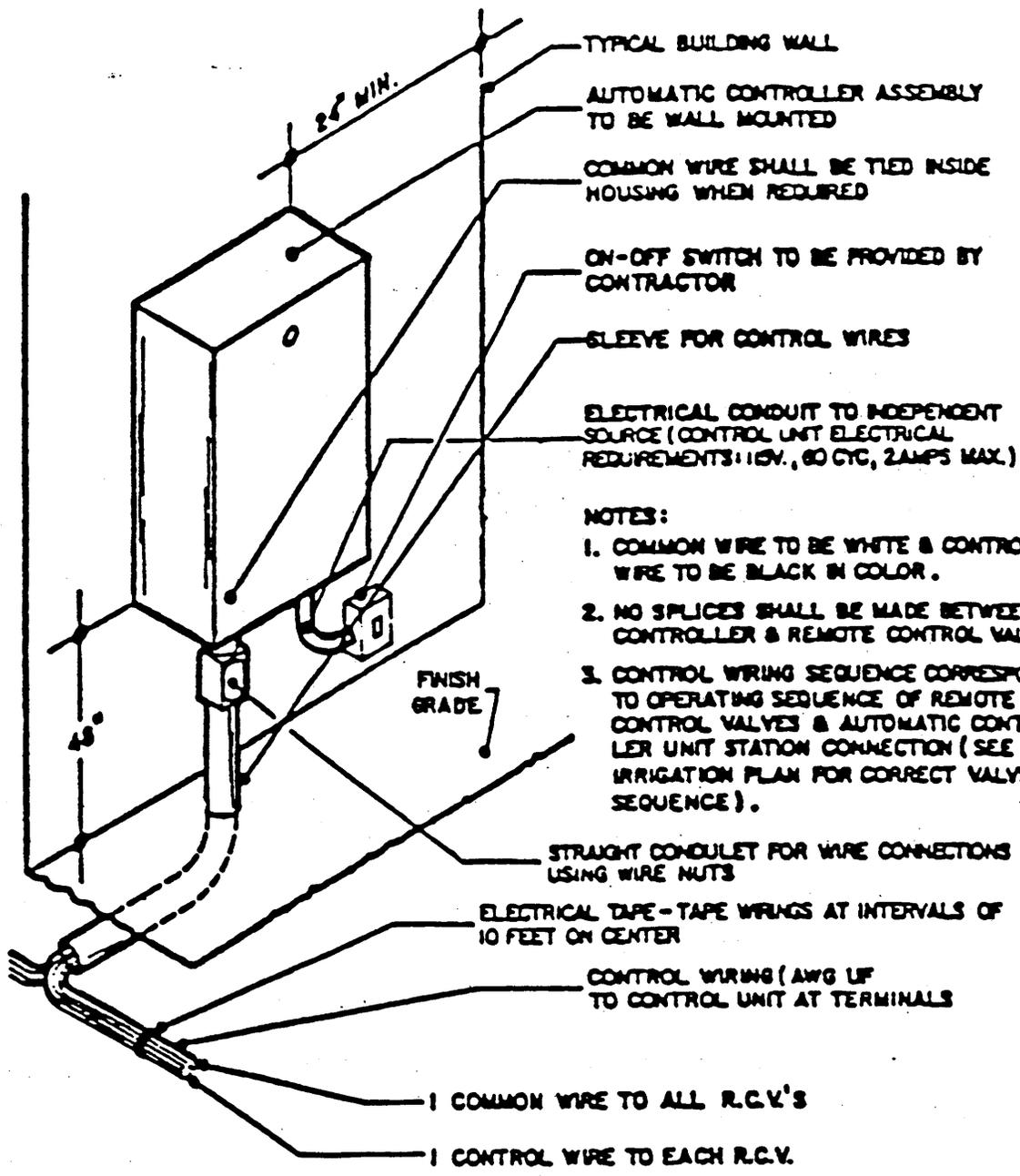
I-14

ENGINEERING PLANNING PUBLIC WORKS
APPROVED BY ABOVE DATE IMPLEMENTED 1-10-91



- NOTES:**
1. USE TEFLON TAPE ON ALL THREADED FITTINGS.
 2. INSTALL PLASTIC BOX 1/2" ABOVE FINISH GRADE IN LAWN AREAS & 3" ABOVE FINISH GRADE IN SHRUB AREAS.

CITY OF PALMDALE		STANDARD DETAIL
TYP. AIR & PRESSURE RELIEF VALVE		
		REVISIONS
		1-15
ENGINEERING	PLANNING	PUBLIC WORKS
APPROVED BY ABOVE		DATE IMPLEMENTED 1-10-91



- TYPICAL BUILDING WALL
- AUTOMATIC CONTROLLER ASSEMBLY TO BE WALL MOUNTED
- COMMON WIRE SHALL BE TIED INSIDE HOUSING WHEN REQUIRED
- ON-OFF SWITCH TO BE PROVIDED BY CONTRACTOR
- SLEEVE FOR CONTROL WIRES
- ELECTRICAL CONDUIT TO INDEPENDENT SOURCE (CONTROL UNIT ELECTRICAL REQUIREMENTS: 115V., 60 CYC., 2AMPS MAX.)

- NOTES:
1. COMMON WIRE TO BE WHITE & CONTROL WIRE TO BE BLACK IN COLOR.
 2. NO SPLICES SHALL BE MADE BETWEEN CONTROLLER & REMOTE CONTROL VALVE.
 3. CONTROL WIRING SEQUENCE CORRESPONDS TO OPERATING SEQUENCE OF REMOTE CONTROL VALVES & AUTOMATIC CONTROLLER UNIT STATION CONNECTION (SEE IRRIGATION PLAN FOR CORRECT VALVE SEQUENCE).

- STRAIGHT CONDULET FOR WIRE CONNECTIONS USING WIRE NUTS
- ELECTRICAL TAPE - TAPE WRINGS AT INTERVALS OF 10 FEET ON CENTER
- CONTROL WIRING (AWG UP TO CONTROL UNIT AT TERMINALS)
- 1 COMMON WIRE TO ALL R.C.V.'S
- 1 CONTROL WIRE TO EACH R.C.V.

CITY OF PALMDALE

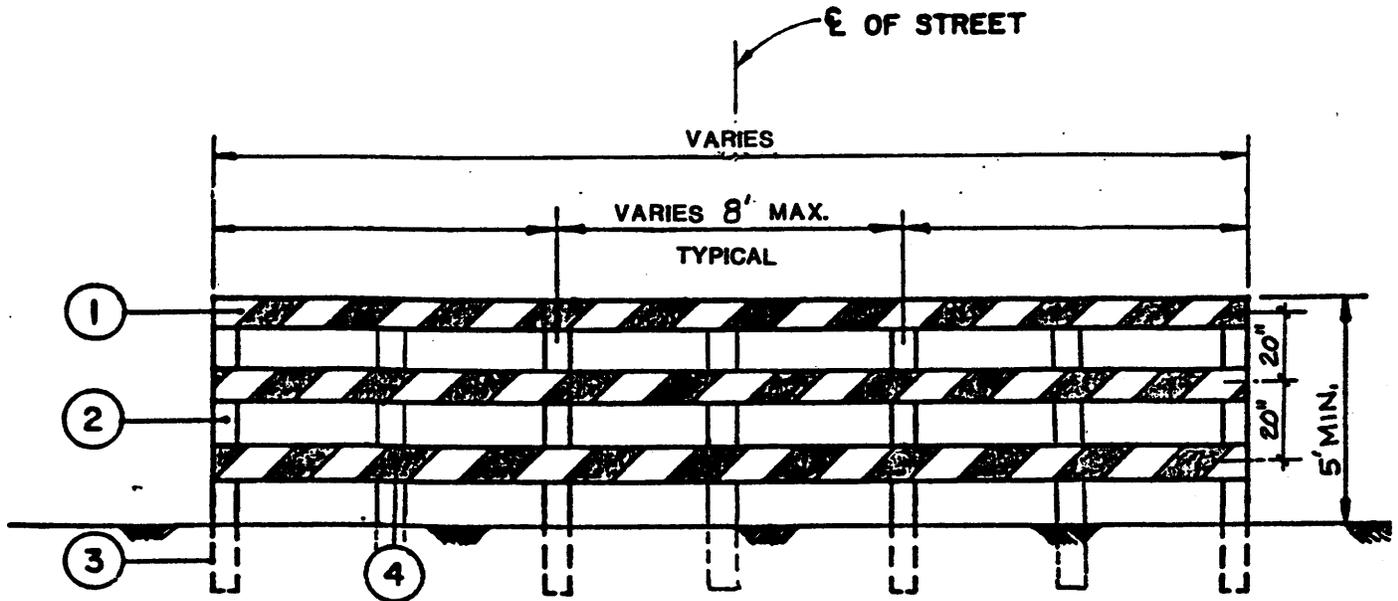
TYP. AUTOMATIC CONTROLLER (INDOORS)

**STANDARD
DETAIL**

REVISIONS

1-16

<i>[Signature]</i>			
ENGINEERING	PLANNING	PUBLIC WORKS	
APPROVED BY ABOVE			DATE IMPLEMENTED 1-10-91



- ① - 2" x 8" D.F. or equal - Bolted to 4" x 4" posts w/ 3/8" ϕ galv. Bolts/ nuts
- ② - 4" x 4" x 6" Douglas Fir or equal posts.
- ③ - Minimum 24" concrete footing
- ④ - Rails shall be covered with reflective sheeting with alternating red and white color bands 6" in width. Rails may be 8" to 12" wide and constructed of 3/4" exterior Douglas Fir plywood, grade A-8.

CITY OF PALMDALE...

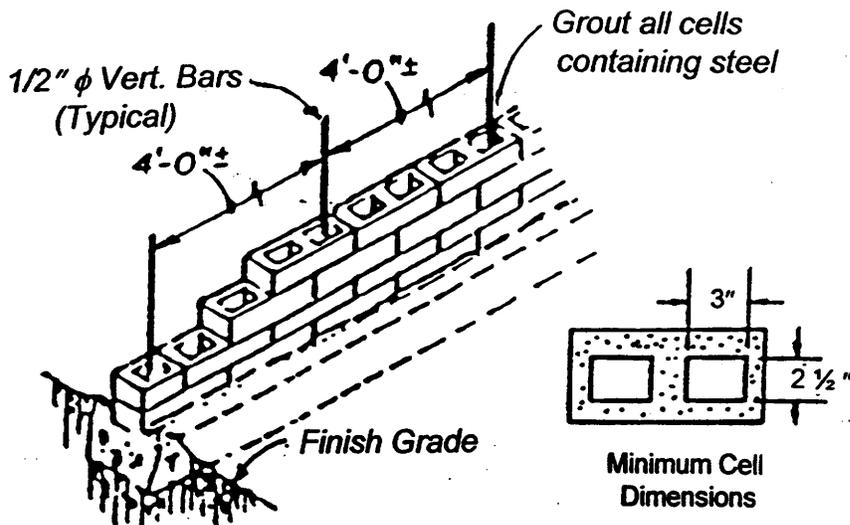
BARRICADE DETAIL TYPE III

Std. No.
M-1

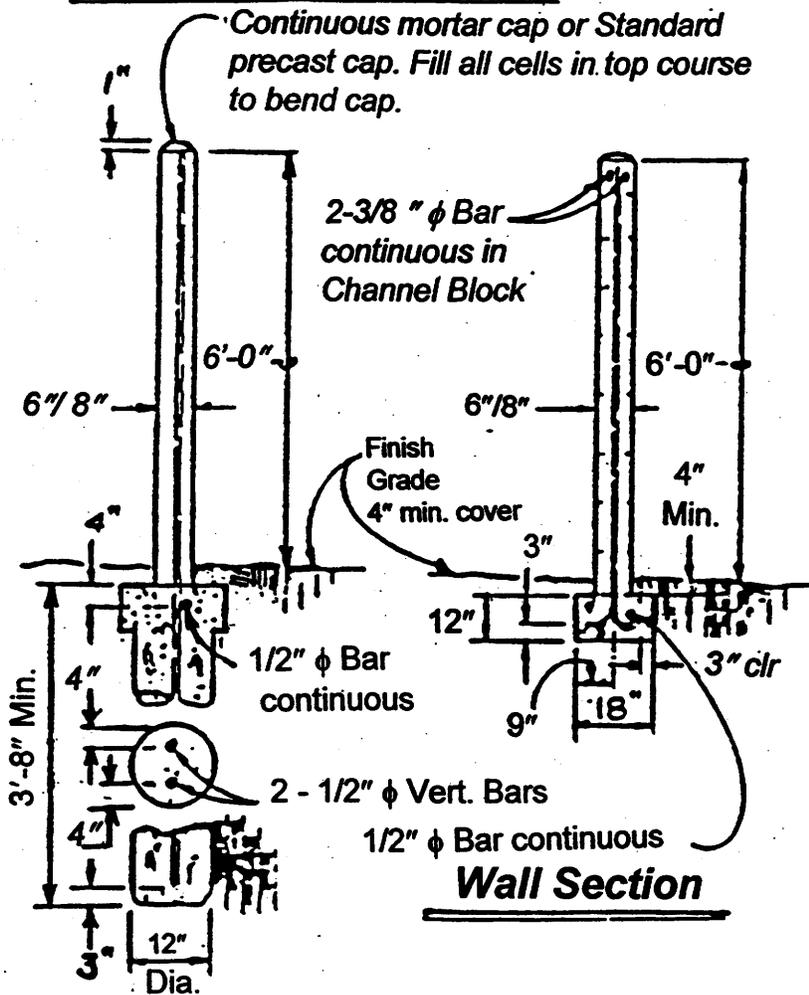
Approved

John Mendel
City Engineer

JAN. 9 1991
0818



Block Wall Elevation



Pier Section

NOTES:

1. Use Concrete Channel Block where Horizontal Steel is called for.
2. Concrete shall be 1:2 ½: 3 ½ Machine mix with maximum of 7 ½ Gallons water per Sack of cement.
3. Reinforcing steel shall be structural grade $f_s = 20,000$ P.S.I.
4. Reinforcing Steel Bars shall lap 54 Bar diameters.
5. All Blocks shall be laid up in mortar with full head and bed joints. Webs of each course shall center on webs of courses below.
6. All cells in which steel is placed shall be filled with grout.
7. Mortar shall be 1-part Cement, 3 ½ parts Sand (¼ part Lime optional).
8. Pour footing and piers against undisturbed natural soil or soil that has been compacted to 90% Optimum Density per A.A.S.H.O. T99-49
9. Piers shall be located at maximum intervals of 10 feet center to center or as called for on plan.
10. The Contractor shall obtain a permit from the local Building and Safety Office prior to construction after the steel is in place and 24 hours prior to pouring concrete for the footing. The Contractor shall call the local Building and Safety Office for inspection; prior to grouting the wall cells, The Contractor shall again call the local Building and Safety Office for inspection. Final Inspection shall be called for upon completion of the wall.
11. Any height of block wall over 6 feet shall require structural calculations.
12. Note 10 applies to Private contractors only.

CITY OF PALMDALE

Block Wall Detail

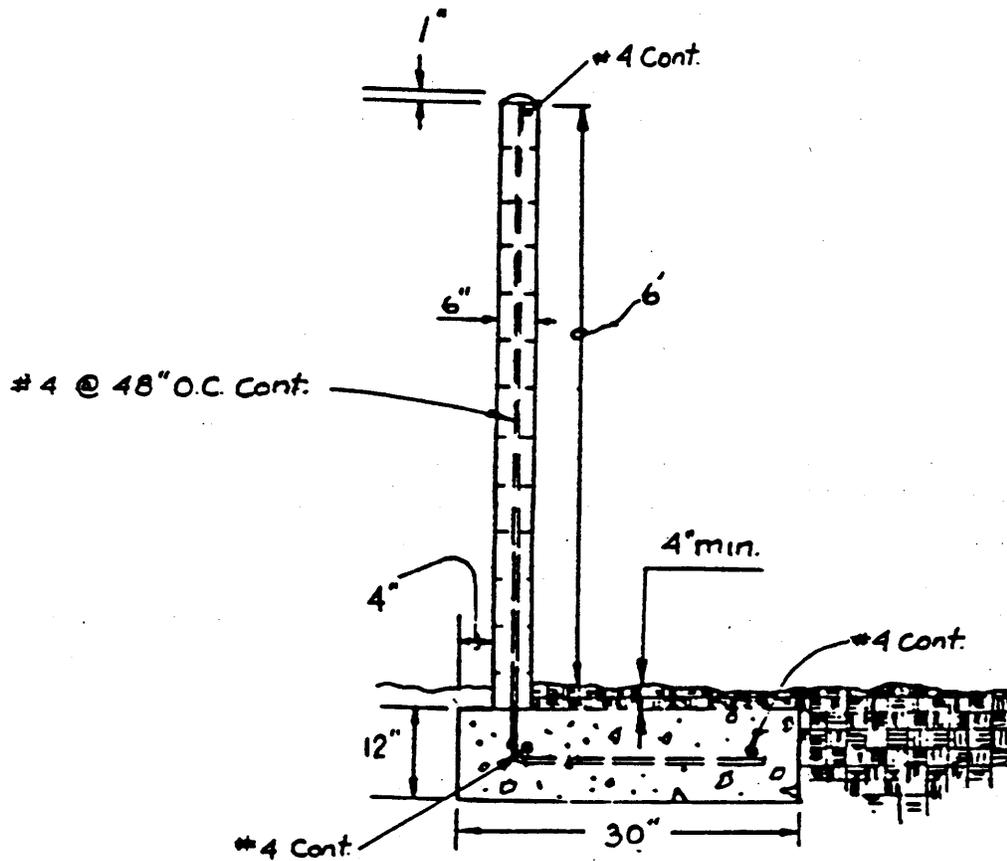
Approved _____

John Stundwell
City Engineer

1-9-91
Date

Std. No.
M-3.1

: SHEET 1 of 2.



WALL SECTION - CANTILEVER

For NOTES see Std M-3, Sht 1 of 2.
 Note #9 Not applicable for this Std.

N.T.S.

CITY OF PALMDALE ...

Block Wall Detail

Std. No.
 M-3.2

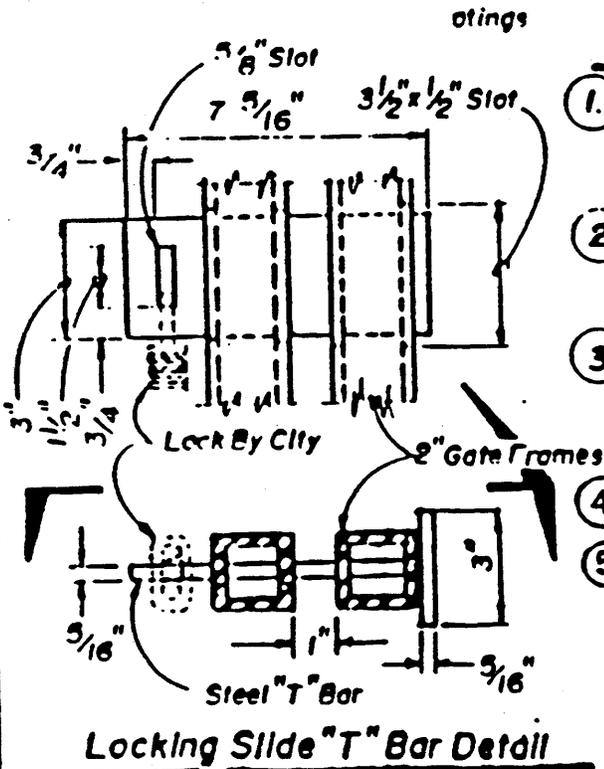
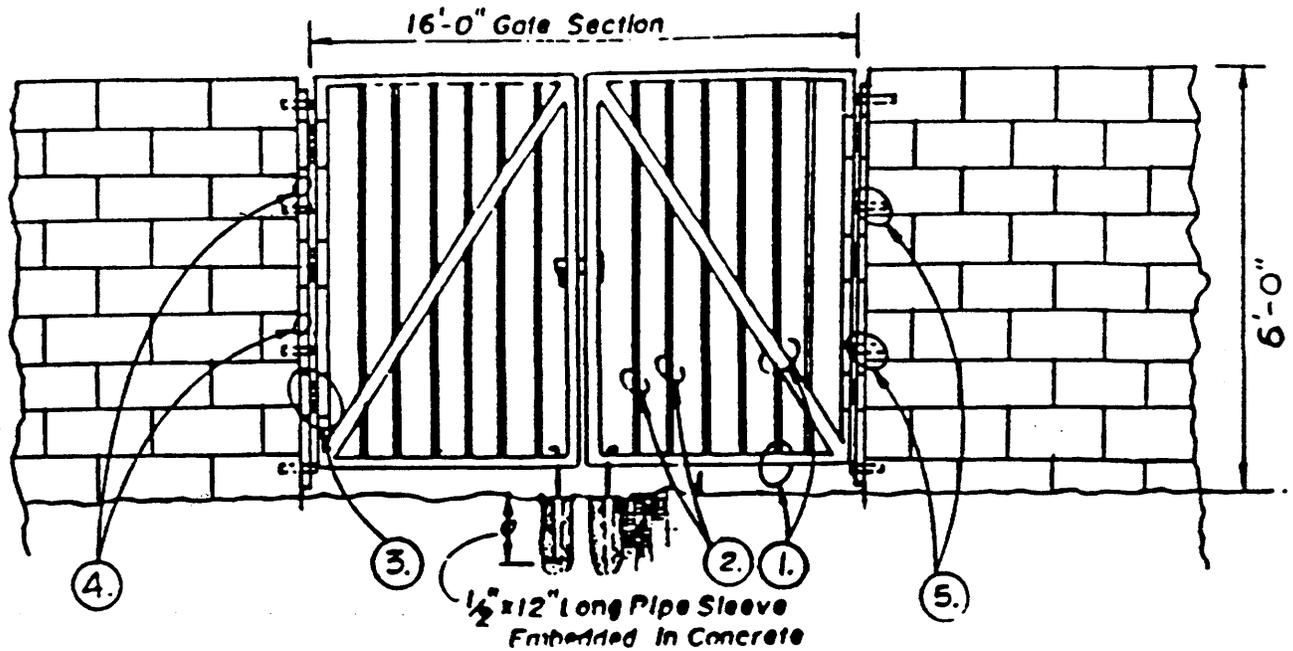
Approved

John Munder
 City Engineer

1-9-91

Date

SHEET 2 OF 2



Construction Notes:

- ① 2" Square 16 Ga. Steel Tubing Frame And Diagonals. Miter Joints And Continuous Weld All Connections.
- ② 1" Square 16 Ga. Steel Tubing Vertical Bars. Evenly Spaced. 11 Ea. Bars Per 4'-0" Section. Continuous Weld At All Connections.
- ③ 6" Heavy Duty Steel Hinges. Min. 3 Per Gate. Continuous Weld In Place. Note: Gate Shall Swing Open 180° Outward.
- ④ 1/4" x 3 1/2" STEEL PLATE.
- ⑤ 1/2" ANCHOR BOLTS. MIN 4 PER GATE. BOLTS SHALL HAVE MINIMUM 4" EMBEDMENT INTO WALL.

GENERAL NOTES:

ALL COMPONENTS SHALL BE GALVANIZED AFTER FABRICATION, OR PAINTED WITH A PROTECTIVE COATING PER THE CITY OF PALMDALE REQUIREMENTS. ALL CORNERS SHALL HAVE A CORNER POST. THIS DRAINAGE BASIN FENCE SHALL BE CONSTRUCTED AROUND ALL DRAINAGE BASINS. ANY HEIGHT OF BLOCK OVER 5 FEET SHALL REQUIRE STRUCTURAL CALCULATIONS.

Scale: None

CITY OF PALMDALE...

Drainage Basin Fencing And Gate

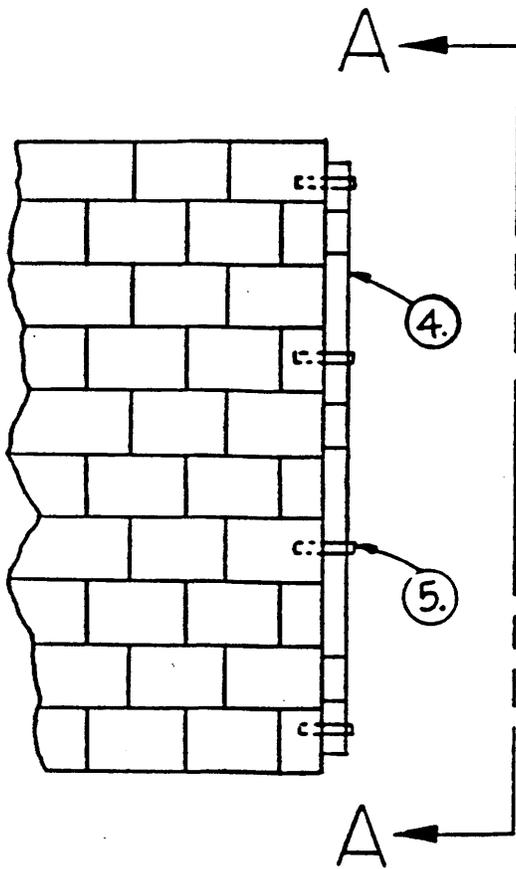
Std. No.

M-4

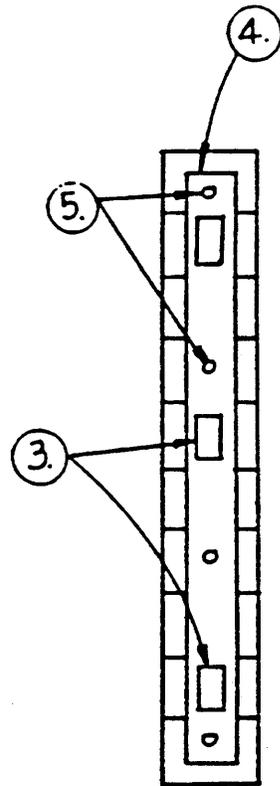
SHEET 1 OF 2

Approved John M. ...
City Engineer

1-9-91
Date



FRONT VIEW



A-A

SIDE VIEW

CONNECTION DETAIL

Scale: None

CITY OF PALMDALE...

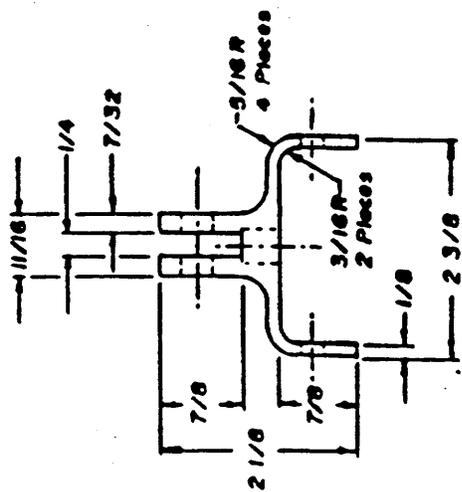
Drainage Basin Fencing And Gate

Approved *John Munday*

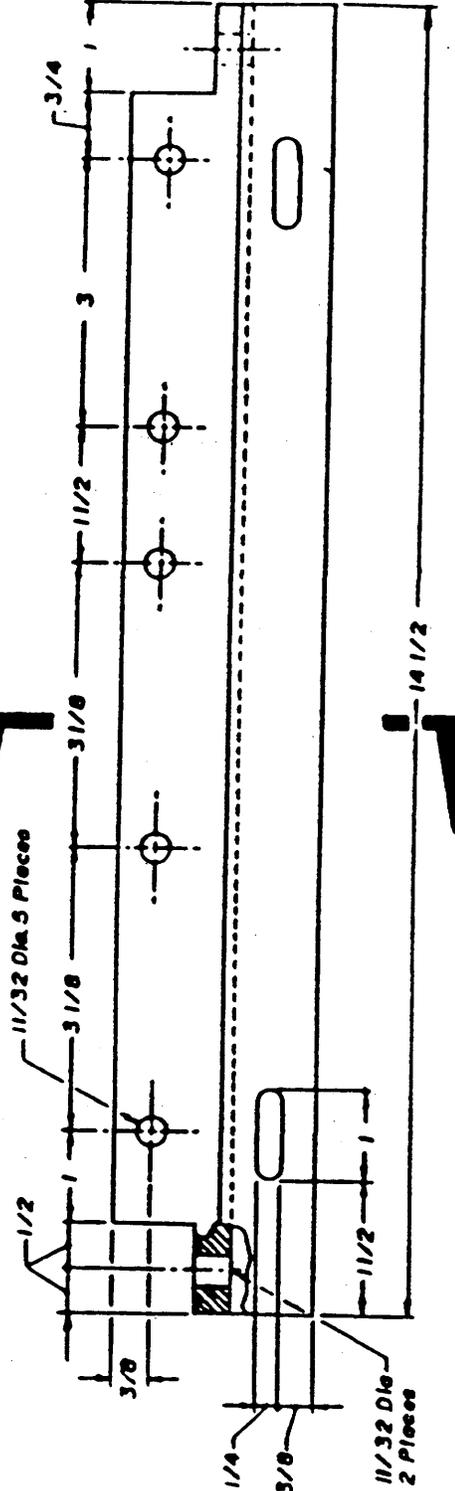
1-9-91
Date

Std. No.
M-4

SHEET 2 OF 2



Section View Shown Upper Left



Type "A" Bracket
Scale: 3/4" = 1'-0"

Note: All Dimensions Are In Inches.

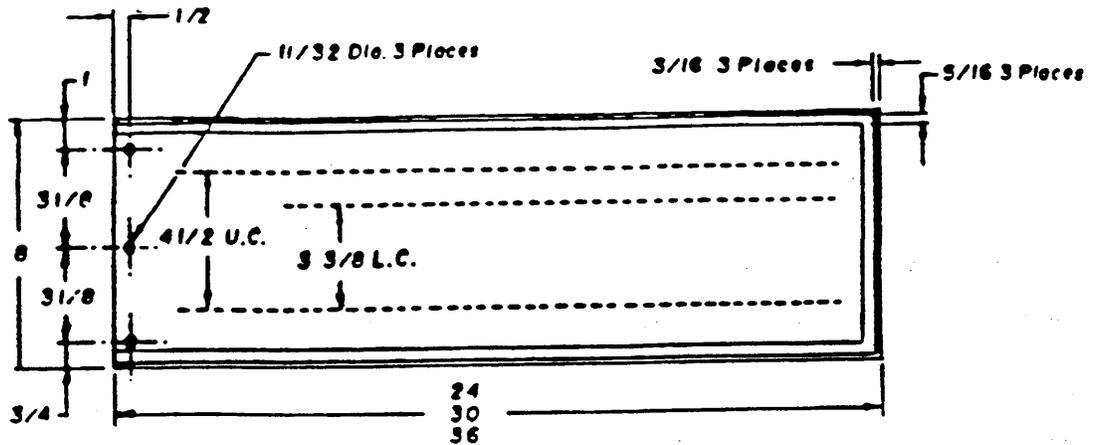
CITY OF PALMDALE...

Standard Street Name Sign

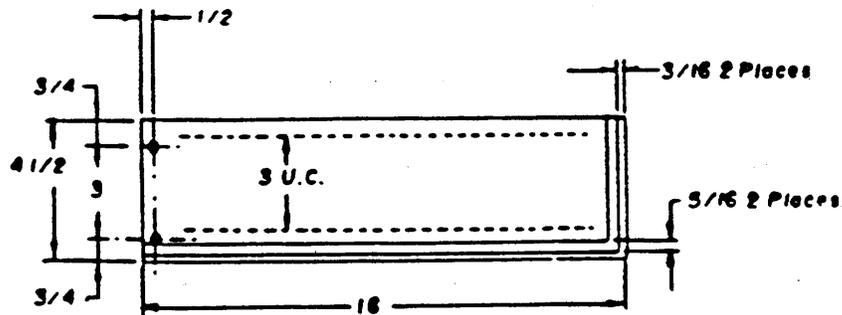
Std. No.
M-5.1

Approved John Mundwell
City Engineer

Date 1-9-91



Street Name Plate



Block Number Plate

Scale: 1/4" = 1'-0"

Note: All Dimensions Are in Inches.

CITY OF PALMDALE...

Standard Street Name Sign

Std. No.
M-5.2

Approved John Munday
City Engineer

1-9-91
Date

**STANDARD SPECIFICATIONS
AND DETAILS FOR
STREET NAME SIGNS AND BRACKETS**

1. The street name and block number plates shall be aluminum alloy 6061 T6, 0.125 inches thick. Lengths shall be 24, 30, or 36 inches. No length greater than 36 inches will be accepted.
2. Street name and block number plates shall be covered with high intensity retro-reflective sheeting. Colors shall be silver-white legend on blue background.
3. The street name shall be comprised of 4-1/2 inch upper case letters and numbers and 3-3/8 inch lower case letters. The block number shall be comprised of 3 inch upper case letters and numbers.
4. Type "A" brackets shall be used. The street name plate shall be secured to the bracket with three (3) bolts. The block number plate shall be secured with two (2) bolts. Refer to standard detail M-5.1
5. Manufacture of signs shall be in accordance with Los Angeles County Department of Public Works specifications for high intensity retro-reflective street name signs.
6. Street name signs shall be mounted high enough so as to permit installation of other traffic control signs beneath them. The bottom of the street name sign bracket shall be no lower than 9 feet 6 inches above the sidewalk.

CITY OF PALMDALE...

Standard Street Name Sign

**Std. No.
M-5.3**

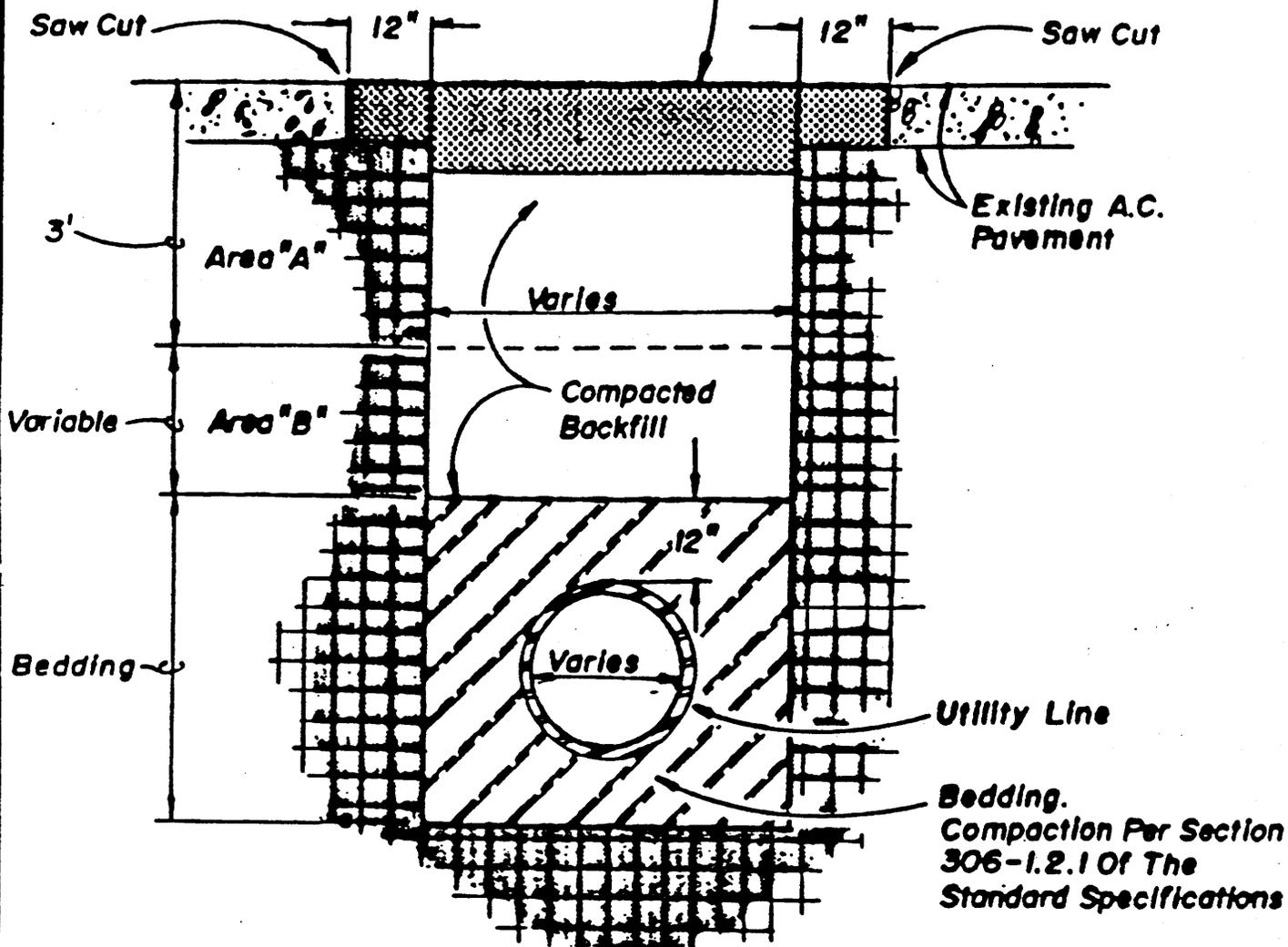
Approved _____

John Mundwiler
CITY ENGINEER

1-9-91

DATE

Compact A.C. In 2 Lifts To 95% Relative
 Compaction, 1" Thicker Than Existing,
 4" Minimum And 12" Maximum.



Area "A" - Backfill Shall Be Crushed Aggregate Base, Compacted To 95% Relative Compaction And Certified.

Area "B" - Backfill Shall Be Granular Material Having A Minimum Sand Equivalent (SE) Of 20, Compacted To 90% Relative Compaction And Certified.

FOR TRENCHES ACROSS STREETS...

CITY OF PALMDALE...

Backfill And A.C. Repair

**Std. No.
M-6.1**

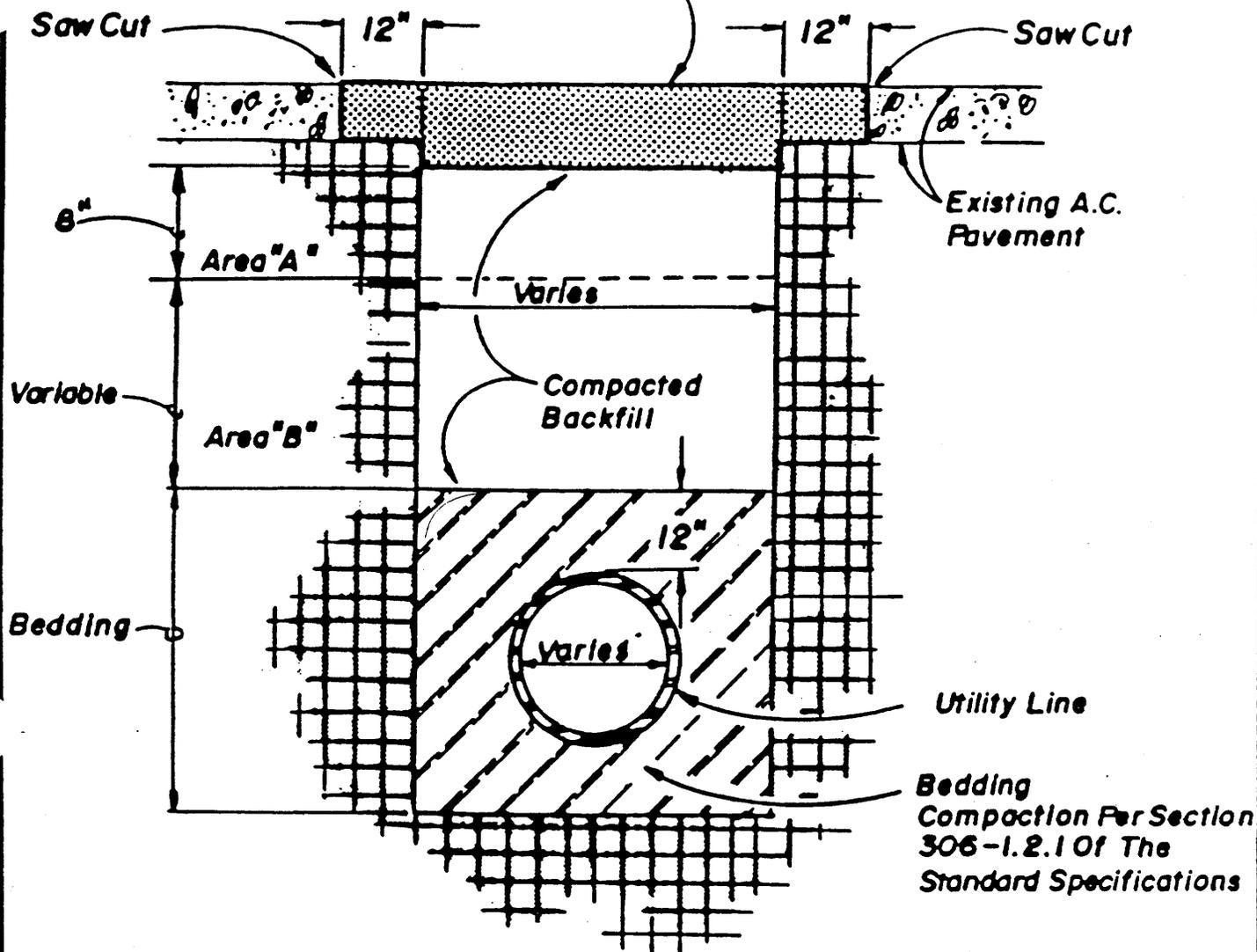
Approved _____

John Munday
City Engineer

1-9-91

FILE

Compact A.C. In 2 Lifts To 95% Relative Compaction, 1" Thicker Than Existing, 4" Minimum And 12" Maximum.



Area "A" - Backfill Shall Be Crushed Aggregate Base, Compacted To 95% Relative Compaction And Certified.

Area "B" - Backfill Shall Be Granular Material Having A Minimum Sand Equivalent (SE) Of 20, Compacted To 90% Relative Compaction And Certified.

FOR TRENCHES ALONG STREETS...

CITY OF PALMDALE...

Backfill And A.C. Repair

Std. No.
M-6.2

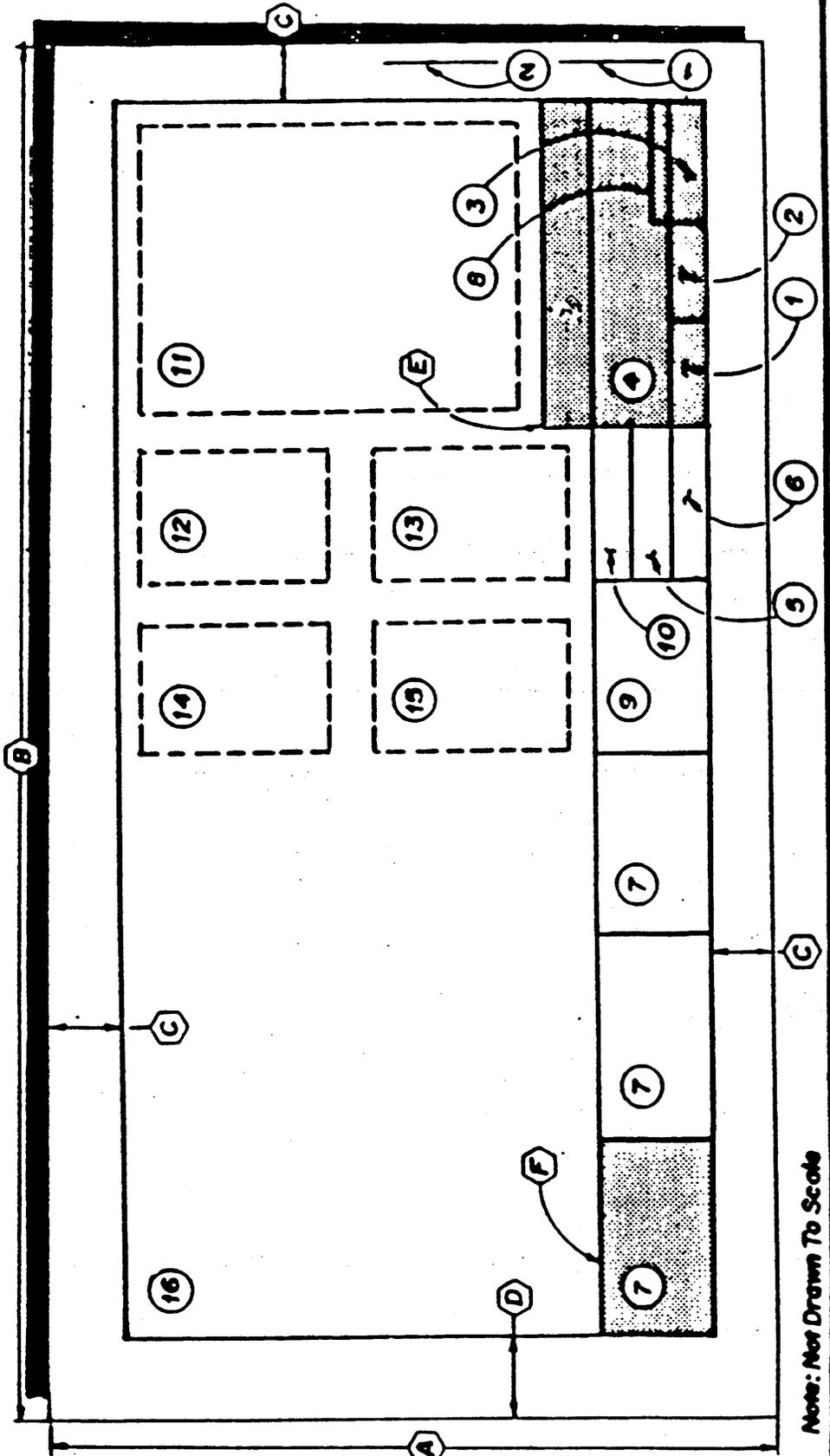
Approved Colm Hundwiler
City Engineer

1-9-91
Date

Note: See M-7.2 For Legend

- A 24"
- B 36"
- C 1"
- D 1.5"
- E 3" x 7"
- F 1.5" x 4" Minimum

May Vary In Size.



Note: Not Drawn To Scale

CITY OF PALMDALE...

Sample Title Sheets

Approved John Mundweil
City Engineer

Date 1-9-91

Std. No.
M-7.1

1. Type of Drawing, and the City of Palmdale Control Number. ST=Street, GD=Grading, SD=Storm Drain, etc. Shown like ST. 89-102. The 89, is the year. The 102 is a control number. Note both numbers are issued by the City of Palmdale
2. Tract Number or S.P.R.C. Number
3. Sheet _____ of _____.
4. Title of Drawing: Note what is on the subject sheet only.
5. Reviewed By: (Plan Check Engineer) With Date
6. Approved By: (City Engineer) With Date: Note this approval block is to be on the cover sheet only.
7. Revision Block: Use Los Angeles County Department of Public Works Revision Block as Standard.
8. Scale: Note for subject sheet only. Not details.
9. Design Engineer's Block. Containing "Prepared Under the Supervision of" and stamp or seal and signature.
10. Other Agency Approval Block. I.e. City of Lancaster, Los Angeles County, or the State of California. This block is on the cover sheet only.
11. General Notes, with the private Engineer's Notice to Contractor and private Engineer's Statement of Responsibility.
12. Vicinity map with Major Street Names, City limits; north arrow toward top of sheet.
13. Bench Mark: County of Los Angeles, Palmdale Quad. Elevation, location, benchmark, number, description, and adjustment date. Legend and symbols may be placed in this area also.
14. Key Map containing scale, bar scale, north arrow, street names, key to sheet numbers.
15. Construction Notes.
16. Typical sections, typical details, and special details as space permits.
- Construction Notes - Numbers Only And Consistent Throughout Plan Set.
- ⬡ Curve Data - Letters Only And Consistent Throughout Plan Set.
- △ Plan Revisions - Numbers Only And Consistent Throughout Plan Set.

CITY OF PALMDALE...

Sample Title Sheets

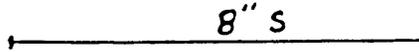
Std. No.
M-7.2

Approved John Mundwert
City Engineer

1-9-91
Date

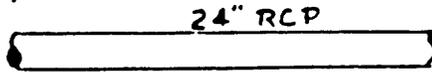
SYMBOLS AND ABBREVIATIONS

Piping, general (less than 18" diameter)



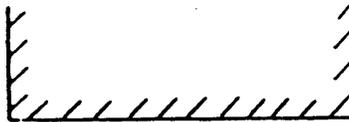
NOTE: Lettered with material conveyed (S, G, W, etc.).

Piping, general (18" diameter or larger)



NOTE: Lettered with construction material (RCP, CMP, etc.)

Building



Existing asphalt pavement



Trees, shrubs



Meters, water and gas



Walls, retaining and block



Fences, barb wire, or chain link



Fire hydrant



Manhole



Power pole (lines indicate direction of wires)



Power pole anchor



Road side signs (with direction of travel shown)



CITY OF PALMDALE...

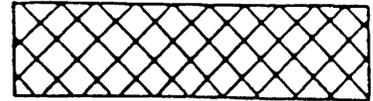
Symbols And Abbreviations

**Std. No.
M-8.1**

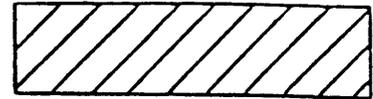
Approved John Munder
City Engineer

Date 1-9-91

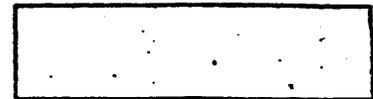
EXISTING PAVEMENT REMOVAL
(CROSS-HATCHED)



ASPHALT CONCRETE PAVEMENT OVERLAY
(HATCHED)



NEW ASPHALT CONCRETE PAVEMENT
(SHADED)



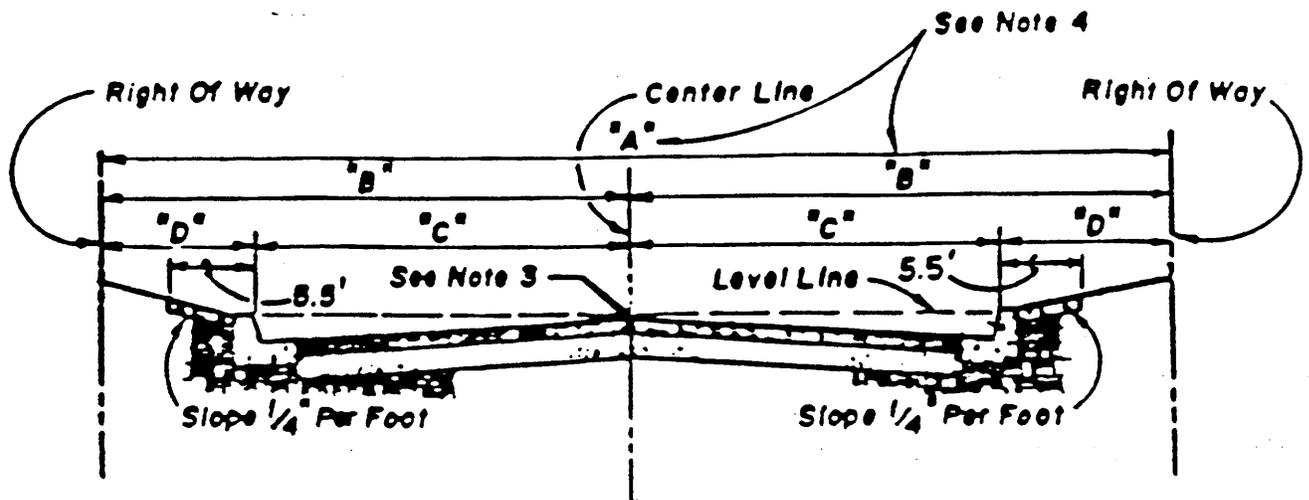
CITY OF PALMDALE...

Symbols And Abbreviations

Std. No.
M-8.3

Approved John Munder
City Engineer

1-9-91
Date



NOTES...

1. Amount Of Base And Pavement Will Be Determined By A Soil Test. Subdivider's Engineer Shall Provide Test After Streets Have Been Rough Graded. The Plans Must Be Revised To Show Actual Pavement And Base To Be Constructed. Base Material And Placement Shall Conform To The Standard Specifications For Public Works Construction. The Crushed Aggregate Base Shall Consist Entirely Of Crushed Rock And Rock Dust.
2. Variable Thickness A.C. Pavement To Be Constructed In Two Courses.
3. See City Of Palmdale Std. No. S-2 For Cross-Fall Dimensions.
4. See City Of Palmdale Std. No. S-1.2 For Street Width Dimensions.

CITY OF PALMDALE...

Typical Street Section

**Std. No.
S-1.1**

Approved *Edmund Mendel*

1-9-91

STREET WIDTH DATA

TYPE OF STREET	"A"	"B"	"C"	"D"
RESIDENTIAL ENTRANCE STREETS FROM MASTER PLAN HIGHWAYS, THRU COLLECTOR STREETS, STREETS ADJACENT TO SCHOOLS, MULTIPLE RESIDENTIAL USE STREETS.	64'	32'	20'	12'
LOCAL STREETS AND CUL-DE-SAC STREETS MORE THAN 700 FEET IN LENGTH.	60'	30'	18'	12'
CUL DE SAC STREETS HAVING A LENGTH OF 700 FEET OR LESS.	58'	29'	17'	12'
INDUSTRIAL AND COMMERCIAL LOCAL AND STREETS.	66'	33'	23'	10'
INDUSTRIAL AND COMMERCIAL ENTRANCE, COLLECTOR AND LOOP STREETS.	84'	42'	32'	10'
SECONDARY HIGHWAYS.	80'	40'	32'	8'

CITY OF PALMDALE...

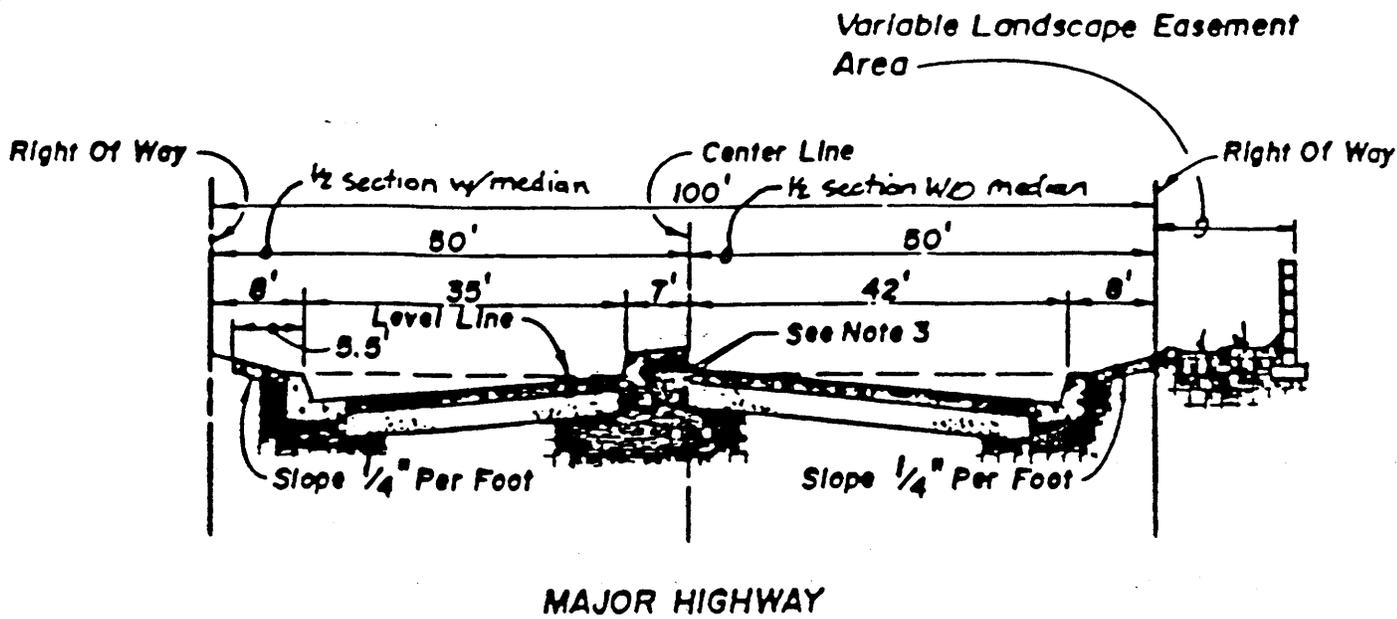
Typical Street Section

**Std. No.
S-1.2**

Approved John M. Mudd

1-9-91

DATE



NOTES...

1. Amount Of Base And Pavement Will Be Determined By A Soil Test. Subdivider's Engineer Shall Provide Test After Streets Have Been Rough Graded. The Plans Must Be Revised To Show Actual Pavement And Base To Be Constructed. Base Material And Placement Shall Conform To The Standard Specifications For Public Works Construction. The Crushed Aggregate Base Shall Consist Entirely Of Crushed Rock And Rock Dust.
2. Variable Thickness A.C. Pavement To Be Constructed In Two Courses.
3. See City Of Palmdale Std. No. S-2 For Cross-Fall Dimensions.

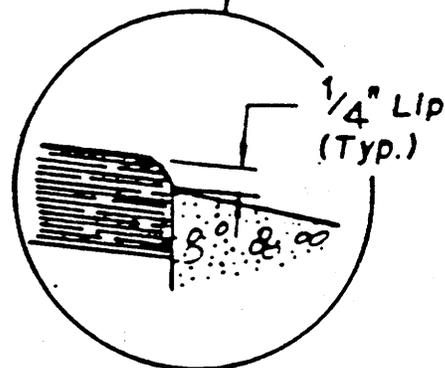
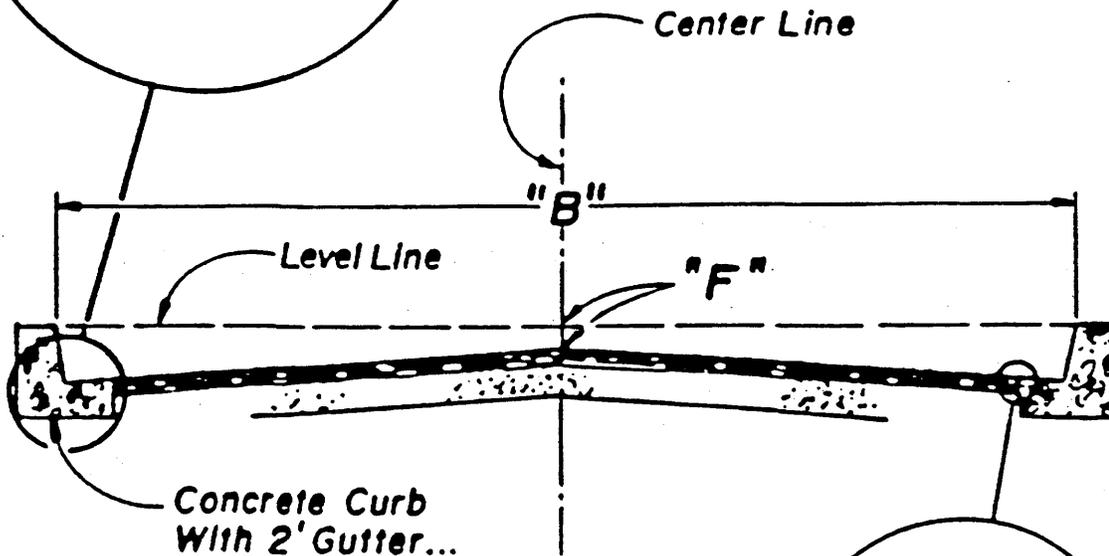
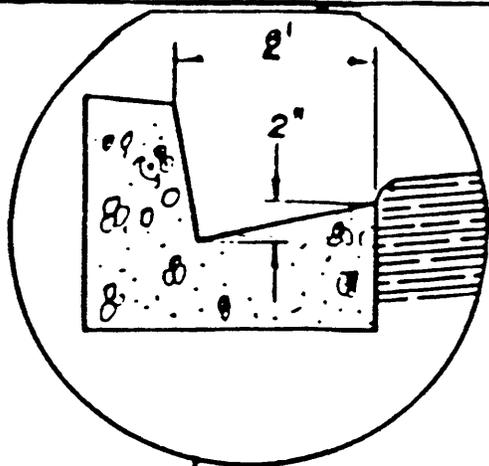
CITY OF PALMDALE...

Typical Street Section

**Std. No.
S-1.3**

Approved *Cahn Murchard*
City Engineer

1-9-91
Date



Dimensions		
B	Curb Face	F
84'	8"	-0.24 *
	6"	0.41 *
64'	8"	-0.06
	6"	0.23 *
46'	8"	0.10
	6"	0.07 *
40'	8"	0.15
	6"	0.01 *
36'	8"	0.19
	6"	0.02
34'	8"	0.21
	6"	0.04

* Crown Above Level Line.

NOTE: Dimension "F" Is Based On Pavement Crossfall Of 1.80 %.

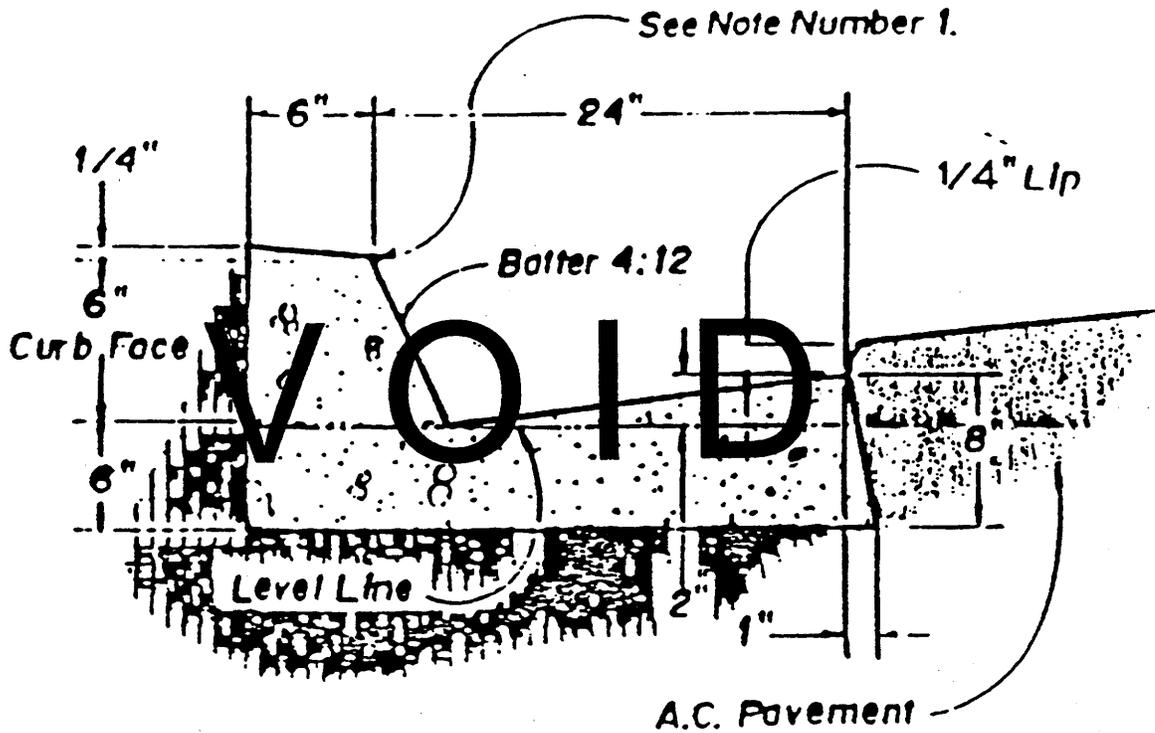
CITY OF PALMDALE...

Street Cross-Fall

Std. No.
S-2

Approved *Chas. M. Munday*
City Engineer

1-9-91
Date



Notes:

1. Curb Location And Grade Control.
2. Construct Curb And Gutter With P.C.C. Type 520 - C - 2500
3. All Exposed Corners On P.C.C. Curb And Gutters To Be Rounded With A 3/4" Radius.

This STANDARD is VOID use

APWA STD 120-1, A2-150(6)

CITY OF PALMDALE...

Curb And Gutter, 6" C.F.

**Std. No.
S-3.2**

Approved

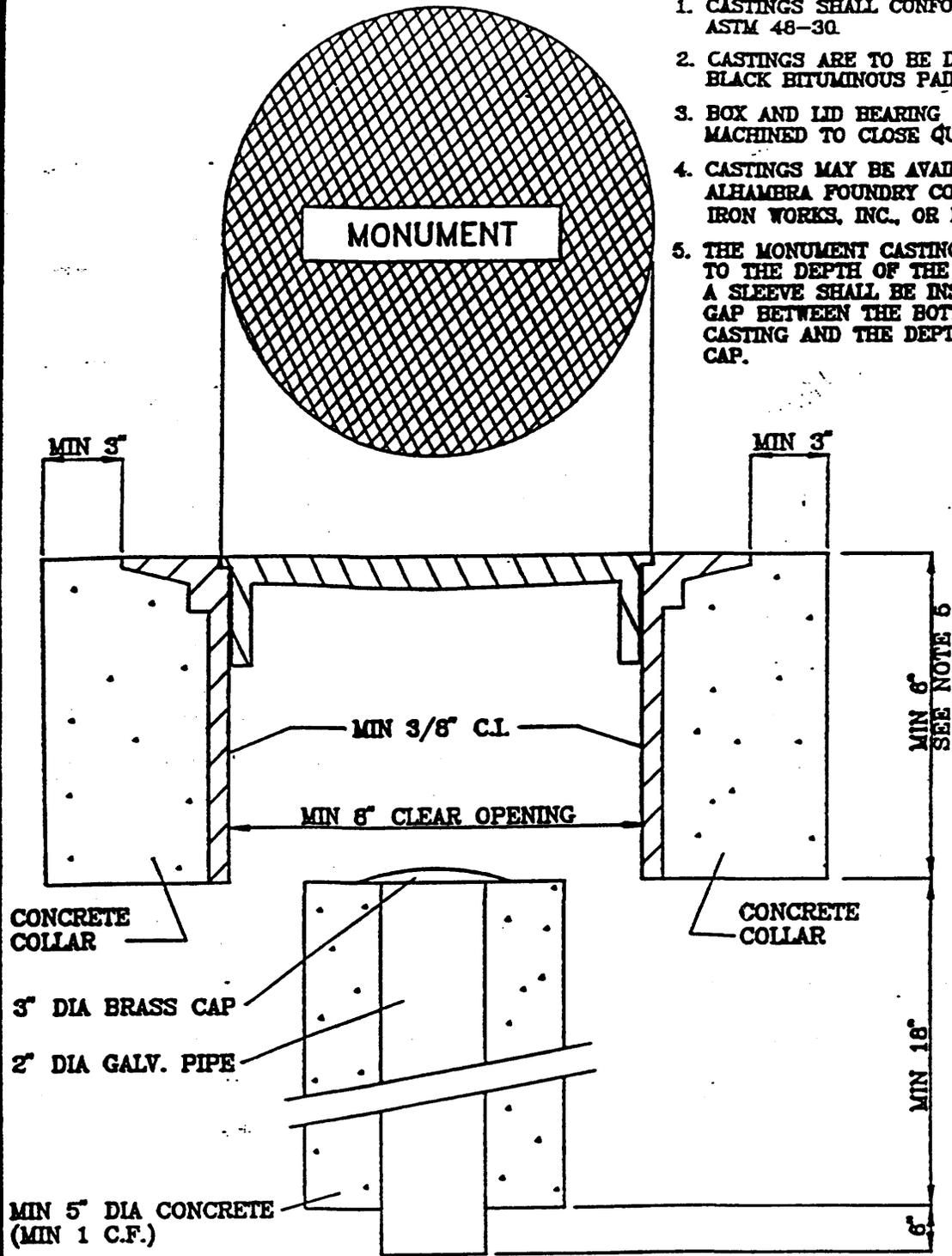
Alvin Mendez
City Engineer

1-9-91

Date

NOTES

1. CASTINGS SHALL CONFORM TO ASTM 48-30.
2. CASTINGS ARE TO BE DIPPED IN BLACK BITUMINOUS PAINT.
3. BOX AND LID HEARING SURFACES MACHINED TO CLOSE QUIET FIT.
4. CASTINGS MAY BE AVAILABLE FROM ALHAMBRA FOUNDRY CO., LONG BEACH IRON WORKS, INC., OR EQUAL.
5. THE MONUMENT CASTING SHALL EXTEND TO THE DEPTH OF THE BRASS CAP, OR A SLEEVE SHALL BE INSTALLED FOR ANY GAP BETWEEN THE BOTTOM OF THE CASTING AND THE DEPTH OF THE BRASS CAP.



CITY OF PALMDALE

SURVEY MONUMENT

APPROVED: *[Signature]*
CITY ENGINEER

DATE 5-11-94

S-4