

**CITY OF YREKA**  
DEPARTMENT OF PUBLIC WORKS

**SUPPLEMENT**  
  
to the  
  
**City of Redding**  
  
**Construction**  
  
**Standards**

10/21/11

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# Purpose and Reference Documents

## 1. Purpose

The purpose of the City of Yreka, Department of Public Works, Supplement to the City of Redding Construction Standards is to supplement and modify certain City of Redding Construction Standards for use in the City of Yreka and to provide the minimum standards to be applied to improvements which are to be dedicated to the public and accepted by the City of Yreka for maintenance or operation and certain private works, as well as improvements to be installed within existing rights-of-way and easements. City of Yreka Municipal Code Sections 11.24.020 and 15.32.010 state that the Public Works Director may make exception, supplement, or modify any standard as needed from time to time.

These *Construction Standards* shall apply to, regulate, and guide construction of streets, highways, alleys, grading, drainage, sewerage, site access, water supply, landscaping, and related public improvements.

All references in this document to "Engineer" denotes "City Engineer." In the City of Yreka, the Director of Public Works is also the City Engineer.

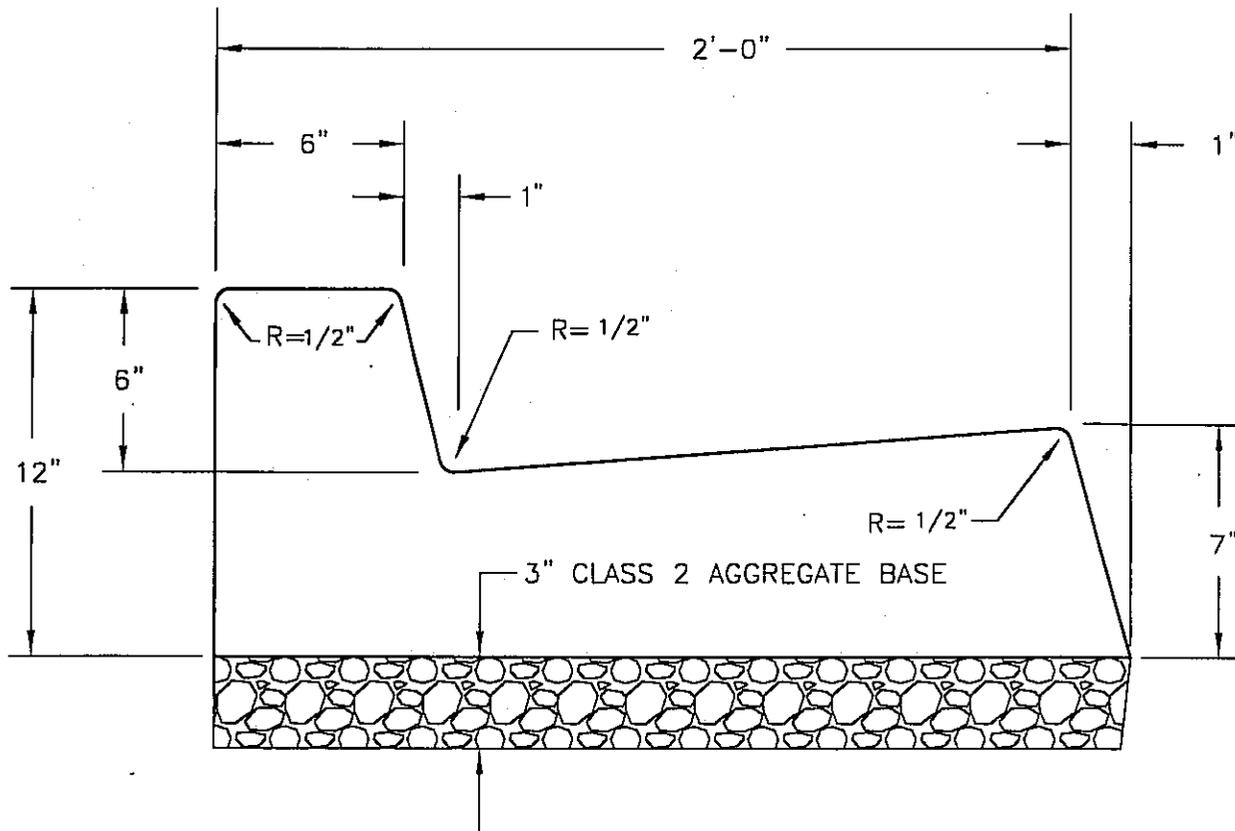
The City Engineer may require improvements exceeding the minimum standards established in these *Construction Standards* when deemed necessary for the health, safety, and welfare of the public.

## 2. Reference Documents

The document hereinafter referred to as the "Standard Specifications" is the Standard Specifications for Public Works Construction, commonly called the "Greenbook", 2012 Edition, and current supplements listed below:

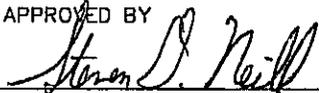
Current Supplements: None

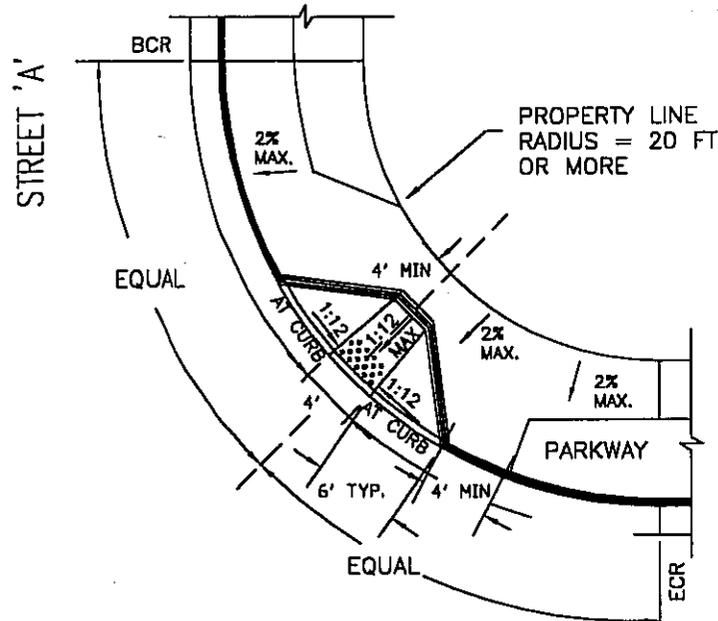
Copies of the Standard Specifications for Public Works Construction may be obtained from Building News, Inc., 1612 South Clementine Street, Anaheim, CA, 92802, (714) 517-0970.



NOTES

1. WORK AND MATERIALS SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", (GREEN BOOK).
2. CROSS SECTIONAL AREA=1.42 SQ. FT.
3. CONCRETE SHALL BE PER CITY OF REDDING CONSTRUCTION STANDARDS PAGE 100.00.
4. ALL BROOMING SHALL BE PARALLEL TO THE DIRECTION OF FLOW.
5. 1/2-INCH, PRE-MOLDED JOINT FILLER SHALL BE LEFT INSTALLED IN EXPANSION JOINTS AT THE 'BC' AND 'EC' OF ALL CURB RETURNS AND AT THE ENDS OF DRIVEWAYS AND SHALL BE HELD FIRMLY IN PLACE PRIOR TO PLACING CONCRETE.
6. CONTROL JOINTS SHALL BE 2-INCHES DEEP AND AT INTERVALS NOT TO EXCEED 16 FT. OC. TOP 3/4-INCH OF THE CONTROL JOINT SHALL BE FILLED WITH POLYURETHANE SEALANT (SIKAFLEX-1A OR EQUAL)

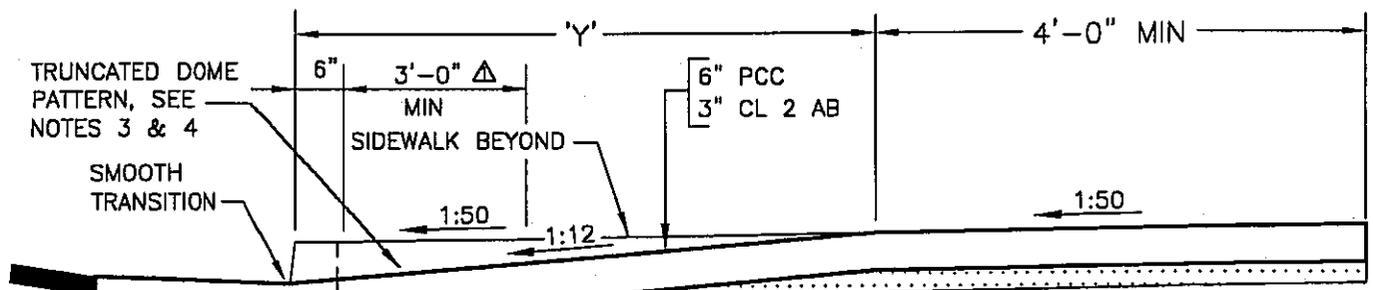
DWG DATE 10-10		SCALE: NTS	CITY OF YREKA DEPARTMENT OF PUBLIC WORKS	
			APPROVED BY  STEVEN D. NEILL, P.E. DIRECTOR OF PUBLIC WORKS	CURB AND GUTTER INFILL AREAS
MARK	DATE	REVISION		



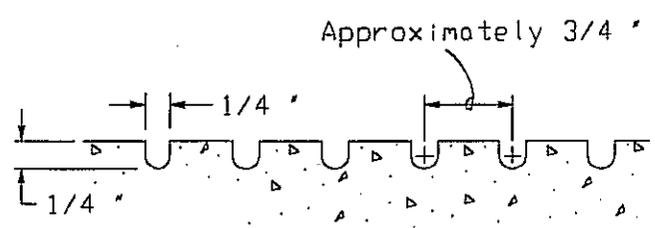
**NOTES**

1. RAMP SHALL BE 4' WIDE AT BOTTOM, 3' MINIMUM AT TOP.
2. THE TEXTURE OF THE RAMP SURFACE SHALL BE ROUGHER THAN THE TEXTURE OF THE SURROUNDING SIDEWALK (SLIP RESISTANT).
3. CURB RAMP SHALL HAVE A TRUNCATED DOME (DETECTABLE WARNING) SURFACE THAT EXTENDS THE FULL WIDTH AND 3' -0" ALONG THE CURB RAMP, AS SHOWN ON CALTRANS STANDARD PLAN AB8A, DETAIL 'H'
4. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.
5. WORK AND MATERIALS SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION", (GREEN BOOK).

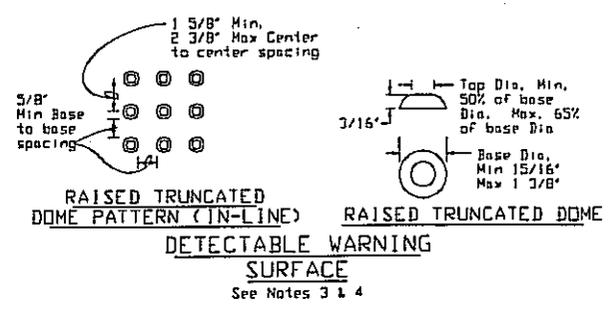
**PLAN**  
**CASE 3 / CASE 5 COMBINED**



**TYPICAL SECTION**



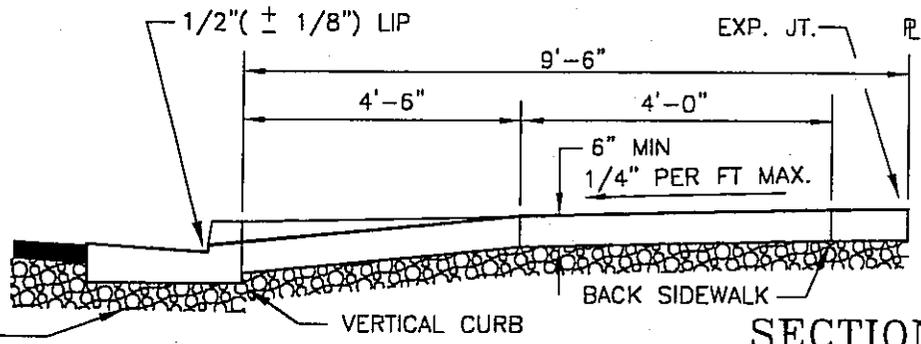
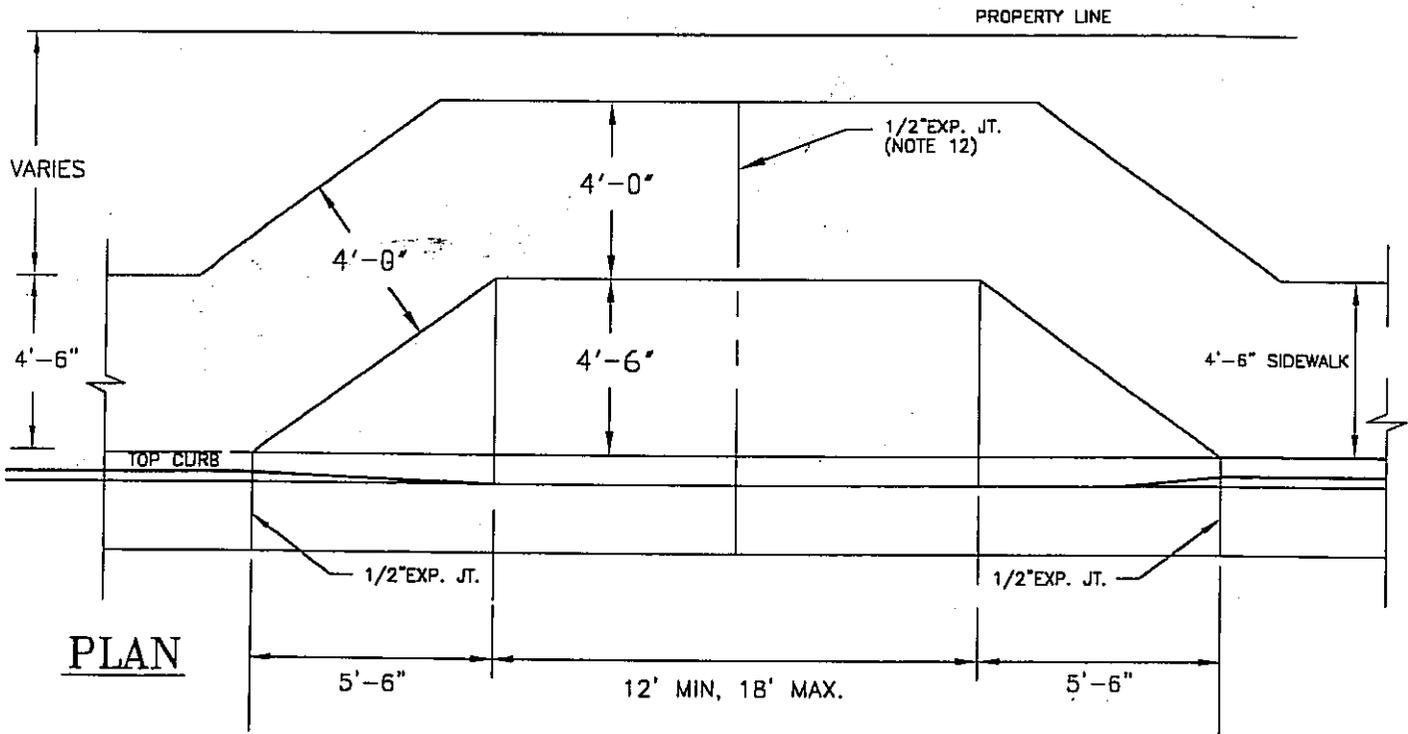
**GROOVING DETAIL**



DWG DATE 9-04		SCALE NTS	CITY OF YREKA • DEPARTMENT OF PUBLIC WORKS	
△	3-14-08	DETECTABLE WARNING	APPROVED BY	CURB RAMP LOCATION
			<i>Steven D. Neal</i>	
MARK	DATE	REVISION	DIRECTOR OF PUBLIC WORKS	

NOTES:

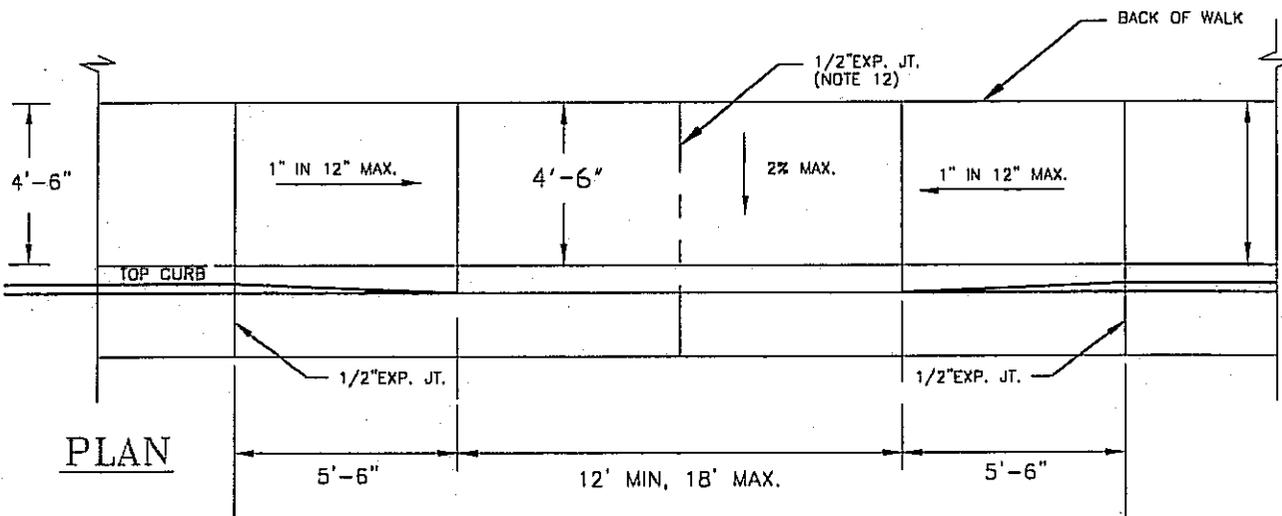
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2. ALL CONCRETE SHALL BE PER PAGE 100.00 OF THE CITY OF REDDING CONSTRUCTION STANDARDS.
3. THE AREA INCLUDED WITHIN THE SLOPE OF THE DRIVEWAY SHALL BE GIVEN A HEAVY BROOM FINISH.
4. SCORE LINES SHALL CORRESPOND WITH SCORE LINES IN THE ADJACENT SIDEWALK UNLESS OTHERWISE SPECIFIED.
5. 'Y' SHALL BE MEASURED TO THE STREET EDGE OF THE SIDEWALK, BUT SHALL NOT BE LESS THAN 3 FT.
6. WHERE CURB IS EXISTING AND NO DEPRESSION HAS BEEN PROVIDED, THE CURB SHALL BE SAW CUT AT THE LIMITS OF THE DRIVEWAY OR REMOVED TO THE NEAREST EXPANSION JOINT BEYOND THE FLARE ON EITHER SIDE.
7. SEE PAGE 147.20 OF THE REDDING STANDARDS FOR LOCATION OF DRIVEWAYS AT CURB RETURNS.
8. ALLEY CURB RETURNS MAY BE DEPRESSED AS PART OF THE DRIVEWAY ONLY WHEN APPROVED BY THE ENGINEER.
9. THE MINIMUM LENGTH OF FULL HEIGHT VERTICAL CURB BETWEEN DRIVEWAYS ON THE SAME LOT MAY NOT BE LESS THAN 14 FEET.
10. THE MINIMUM DISTANCE OF FULL HEIGHT VERTICAL CURB BETWEEN DRIVEWAYS ON ADJACENT LOTS SHALL BE 6 FEET.
11. WHERE EXISTING SIDEWALK IS LESS THAN 6 INCHES THICK, THE SIDEWALK SHALL BE SAWCUT AND REMOVED AT THE NEAREST SCORE LINE, OR REMOVE TO THE NEAREST EXPANSION JOINT BEYOND THE FLARE ON EITHER SIDE.
12. EXPANSION JOINTS SHALL BE CONSTRUCTED ON CENTERLINE OF ALL DRIVEWAYS WITH WIDTHS EXCEEDING 25 FEET.
13. TOP OF LIP TO BE TROWELED STRAIGHT AND TRUE.
13. IF FOUR FOOT SIDEWALK AROUND BACK OF DRIVEWAY APPROACH CAN NOT BE CONSTRUCTED IN THE EXISTING RIGHT-OF-WAY, PROPERTY OWNER SHALL PREPARE AND SUBMIT AN EXECUTED DEED OF EASEMENT FOR PEDESTRIAN PURPOSES FOR NECESSARY ADDITIONAL RIGHT-OF-WAY.



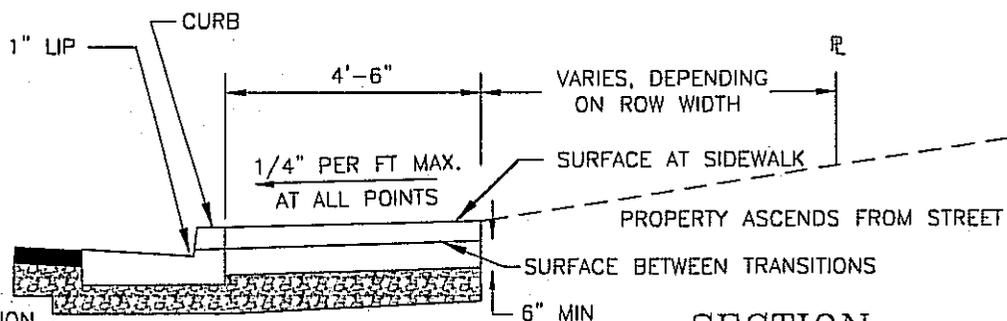
DWG DATE 8-07		SCALE NTS	CITY OF YREKA DEPARTMENT OF PUBLIC WORKS	
			APPROVED BY <i>Steven D. Neill</i> 5-10-11 STEVEN D. NEILL, P.E. DIRECTOR OF PUBLIC WORKS	STANDARD RESIDENTIAL DRIVEWAY
MARK	DATE	REVISION		

NOTES:

1. ALL WORK DONE AND MATERIALS SUPPLIED SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION. (GREEN BOOK, LATEST EDITION)
2. REFERENCES TO STANDARD PAGE NUMBERS REFER TO CITY OF REDDING (COR) CONSTRUCTION STANDARDS, UNLESS NOTED OTHERWISE.
3. THE AREA INCLUDED WITHIN THE SLOPE OF THE DRIVEWAY SHALL BE GIVEN A HEAVY BROOM FINISH.
4. ALL CONCRETE SHALL BE PER PAGE 100.00 OF THE COR CONSTRUCTION STANDARDS.
5. SCORE LINES SHALL CORRESPOND WITH SCORE LINES IN THE ADJACENT SIDEWALK UNLESS OTHERWISE SPECIFIED.
6. WHERE CURB IS EXISTING AND NO DEPRESSION HAS BE PROVIDED, THE CURB SHALL BE SAW CUT AT THE LIMITS OF THE DRIVEWAY OR REMOVED TO THE NEAREST EXPANSION JOINT BEYOND THE FLARE ON EITHER SIDE.
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12. EXPANSION JOINTS PER COR 125.50 SHALL BE CONSTRUCTED ON CENTERLINE OF ALL DRIVEWAYS WITH WIDTHS EXCEEDING 25 FEET.
13. TOP OF LIP TO BE TROWELED STRAIGHT AND TRUE.
14. WALKING SURFACE CROSS SLOPE SHALL NOT EXCEED 2%.
15. WALKING SURFACE SLOPE IN DIRECTION OF TRAVEL SHALL NOT EXCEED 8.33% (1 IN 12).
16. PROPERTY OWNER UTILIZING THIS DESIGN ASSUMES RESPONSIBILITY FOR KEEPING STORM FLOWS FROM AFFECTING THEIR PROPERTY.



PLAN



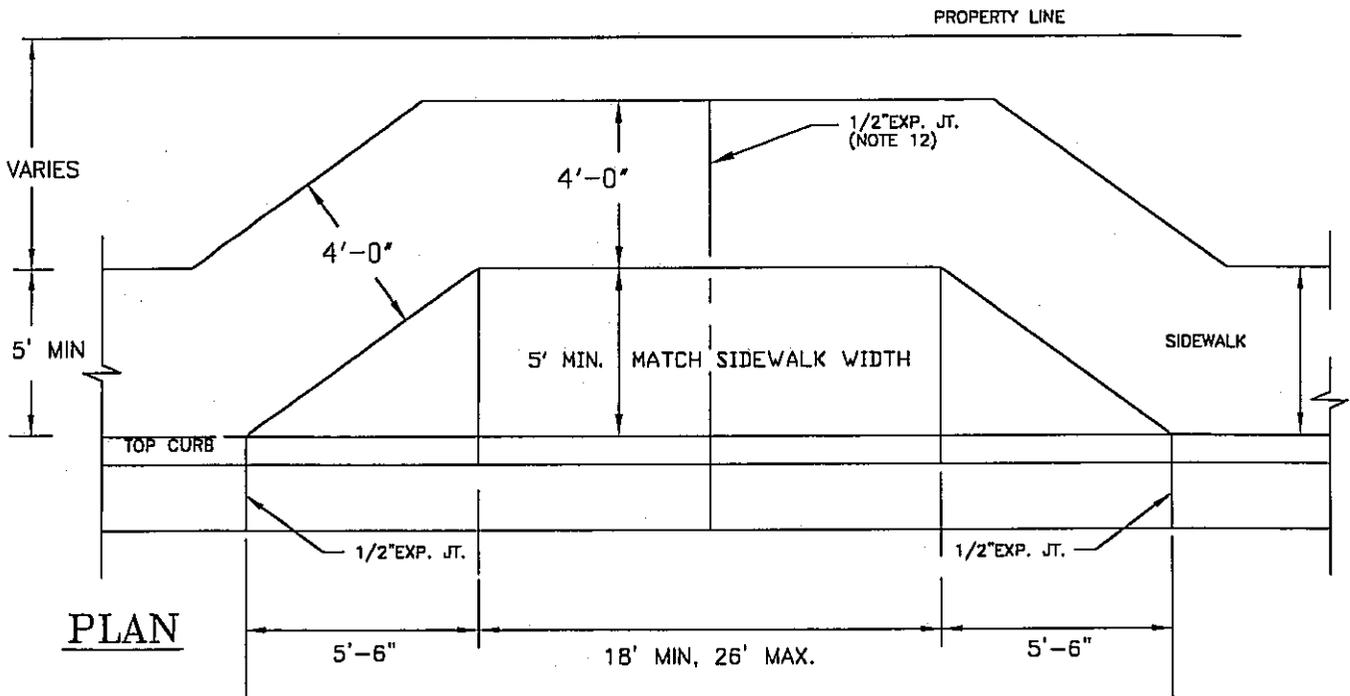
SECTION

MIN. 3" CLASS 2 AGG. BASE UNDER CURB SECTION AND DRIVEWAY SLAB

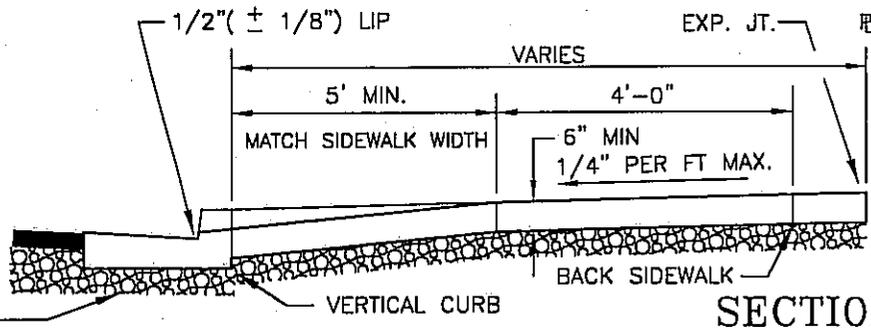
DWG DATE 06-06		SCALE NTS	CITY OF YREKA DEPARTMENT OF PUBLIC WORKS	
			APPROVED BY <i>Steven D. Neill</i> STEVEN D. NEILL, P.E. DIRECTOR OF PUBLIC WORKS	RESIDENTIAL DRIVEWAY PROPERTY ABOVE STREET
MARK	DATE	REVISION		

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**PLAN**



**SECTION**

DWG DATE 10-10

SCALE NTS

CITY OF YREKA DEPARTMENT OF PUBLIC WORKS

APPROVED BY

*Steven D. Neill*

COMMERCIAL DRIVEWAY  
NEW DEVELOPMENT

STEVEN D. NEILL, P.E.

DIRECTOR OF PUBLIC WORKS

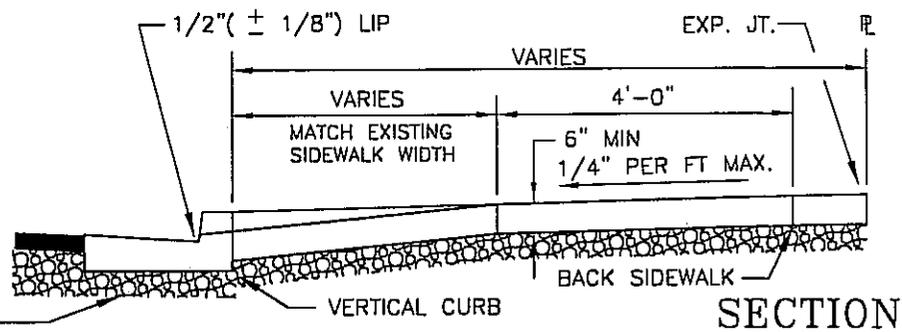
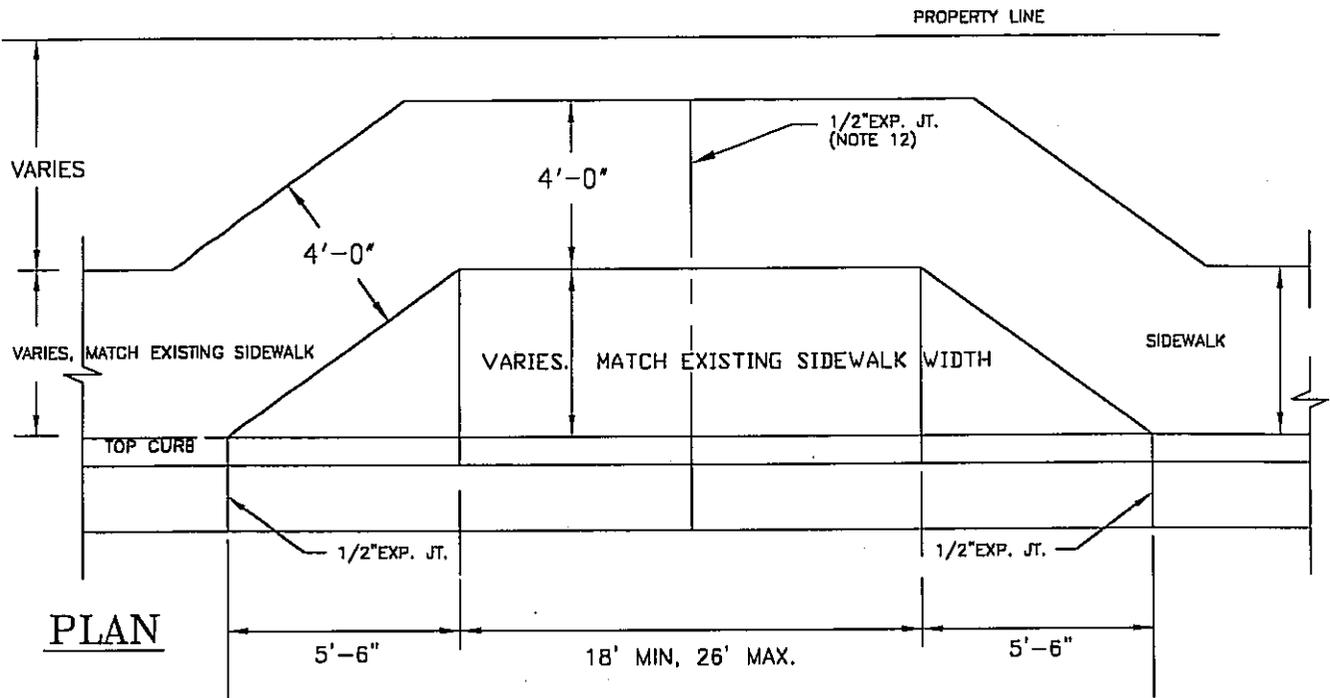
MARK

DATE

REVISION

**NOTES:**

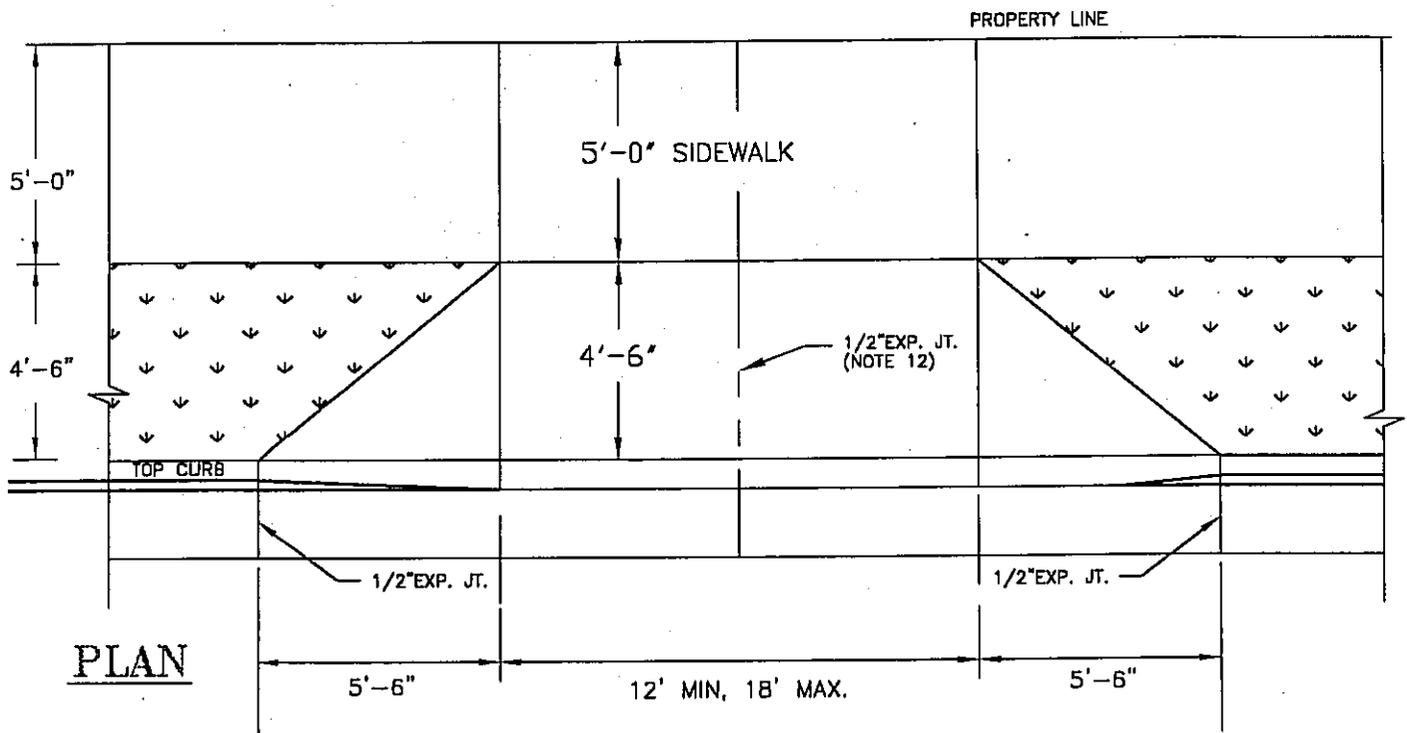
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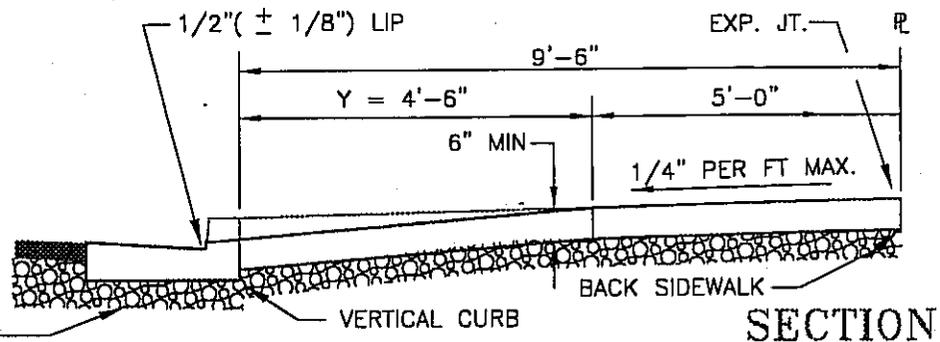
DWG DATE 10-10		SCALE NTS	CITY OF YREKA DEPARTMENT OF PUBLIC WORKS	
			APPROVED BY <i>Steven D. Neill</i>	COMMERCIAL DRIVEWAY INFILL AREAS
			STEVEN D. NEILL, P.E. DIRECTOR OF PUBLIC WORKS	
MARK	DATE	REVISION		

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**PLAN**



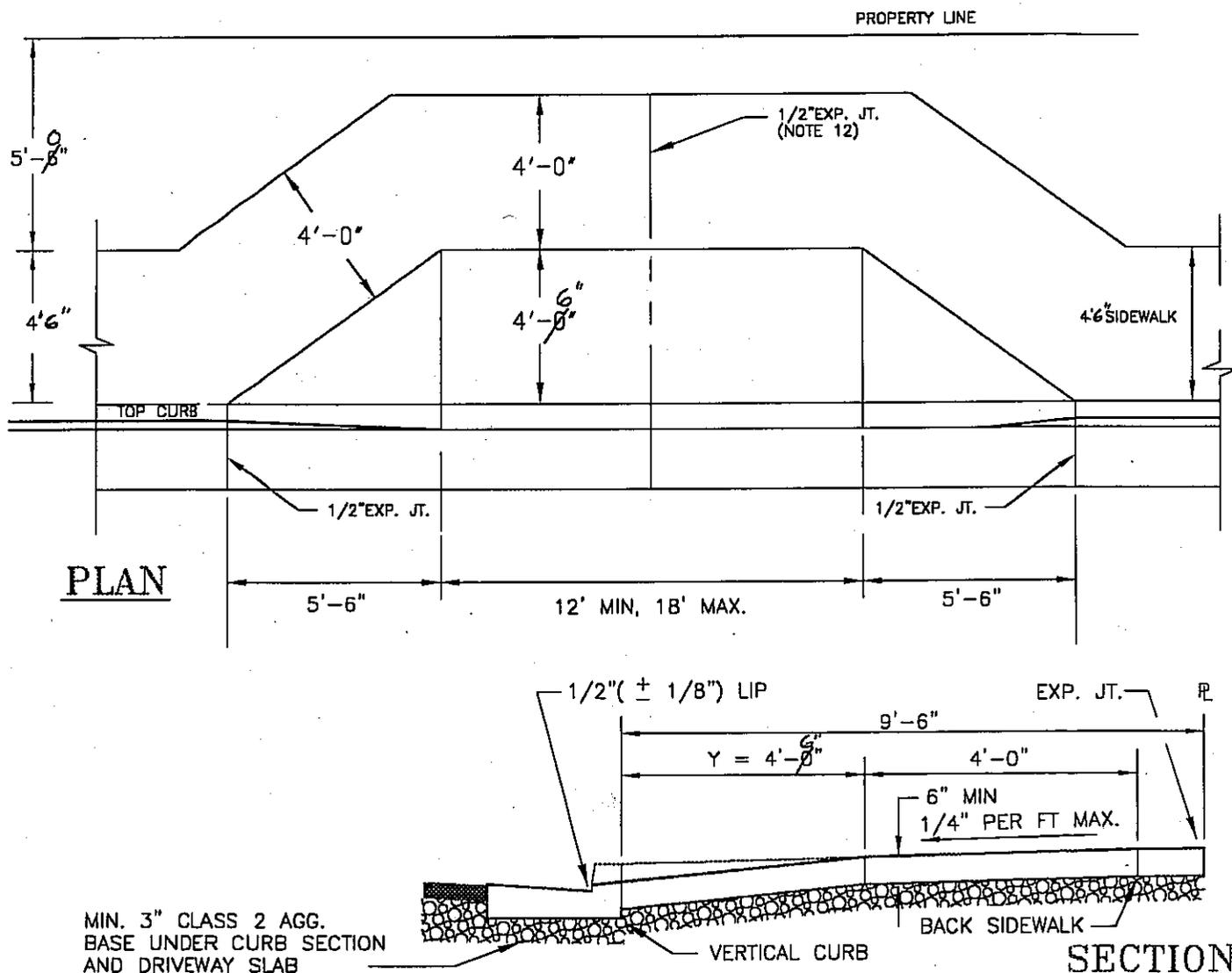
MIN. 3" CLASS 2 AGG.  
BASE UNDER CURB SECTION  
AND DRIVEWAY SLAB

**SECTION**

DWG DATE 10-04		SCALE NTS	CITY OF YREKA DEPARTMENT OF PUBLIC WORKS	
		APPROVED BY	NORTH VIEW ESTATES UNIT 2	
		SY 12-27-04	DISCOVERY STREET	
		STEVEN D. NEILL, P.E.	RESIDENTIAL DRIVEWAY	
MARK	DATE	REVISION	DIRECTOR OF PUBLIC WORKS	

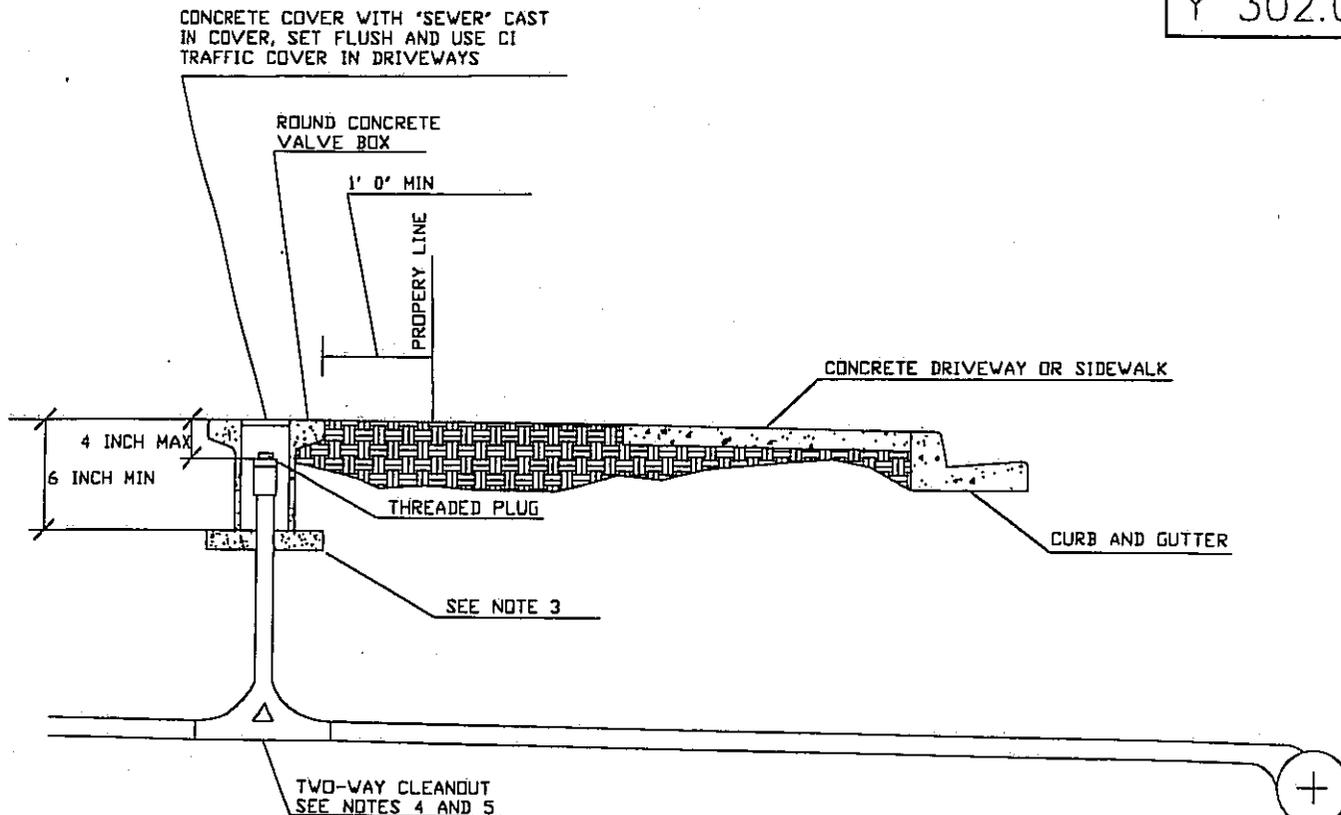
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MIN. 3" CLASS 2 AGG.  
BASE UNDER CURB SECTION  
AND DRIVEWAY SLAB

DWG DATE 10-04		SCALE NTS	CITY OF YREKA DEPARTMENT OF PUBLIC WORKS	
		APPROVED BY	NORTH VIEW ESTATES UNIT 2	
		<i>SN</i> 12-27-04	NORTH VIEW DRIVE	
		STEVEN D. NEILL, P.E.	RESIDENTIAL DRIVEWAY	
MARK	DATE	REVISION	DIRECTOR OF PUBLIC WORKS	

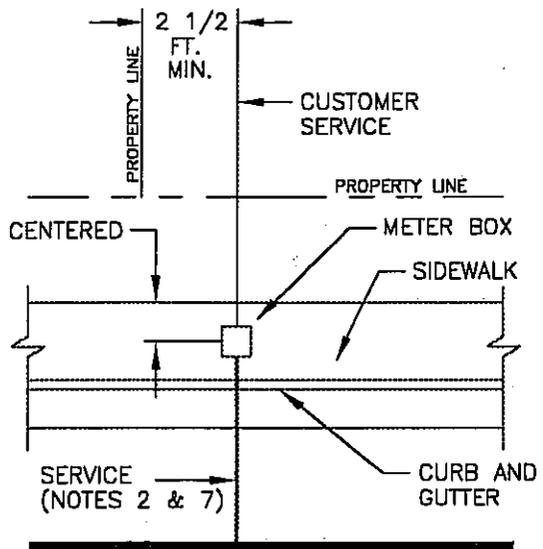


**NOTES:**

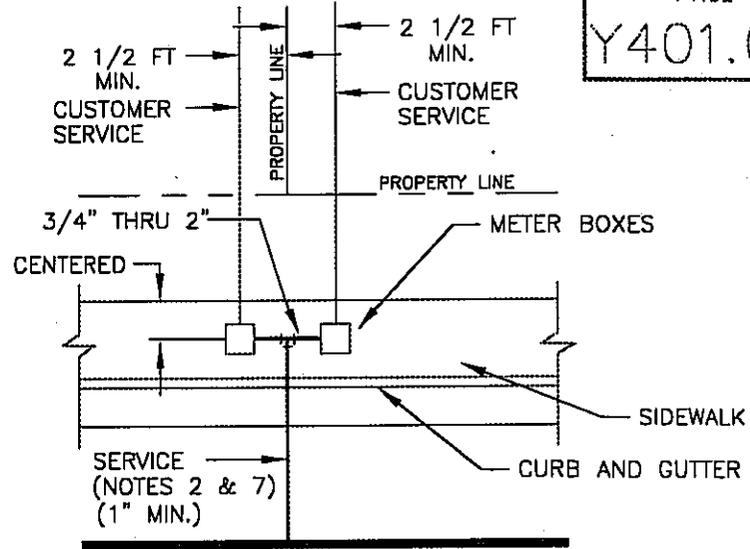
1. LATERAL CLEANOUT SHALL BE PLACED ON PRIVATE PROPERTY UNLESS AUTHORIZED BY AN ENCROACHMENT PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS. MAINTENANCE OF THE CLEANOUT IS THE RESPONSIBILITY OF THE PROPERTY OWNER.
2. FOR NEW SEWER INSTALLATIONS, ONCE THE NEW SEWER MAIN AND LATERALS HAVE BEEN TESTED, ACCEPTED AND APPROVED TO BE PUT ON-LINE, CONTRACTOR SHALL CONNECT THE BUILDING LATERAL TO THE NEW CLEANOUT.
3. WHERE LATERAL CLEANOUT IS LOCATED IN DRIVEWAYS OR OTHER AREAS SUBJECT TO VEHICULAR TRAFFIC, INSTALL A 4" THICK BY 24" SQUARE CAST CONCRETE BLOCK WITH APPROPRIATE DIAMETER HOLE IN CENTER OVER CLEANOUT PIPE AS SHOWN.
4. TWO-WAY CLEANOUT FITTING SHALL BE OF A TYPE THAT IS LISTED AND APPROVED BY AN ACCEPTABLE LISTING AGENCY.
5. CLEANOUT SHALL BE FITTED WITH AN APPROVED BACKWATER VALVE WHEN REQUIRED BY THE CALIFORNIA PLUMBING CODE (WHEN PROPERTY SERVED BY THE LATERAL HAS, OR WILL HAVE FIXTURES WITH FLOOD LEVEL RIMS BELOW THE NEXT UPSTREAM MANHOLE.) MAINTENANCE OF BACKWATER VALVE IS THE RESPONSIBILITY OF THE PROPERTY OWNER.

SEWER MAIN

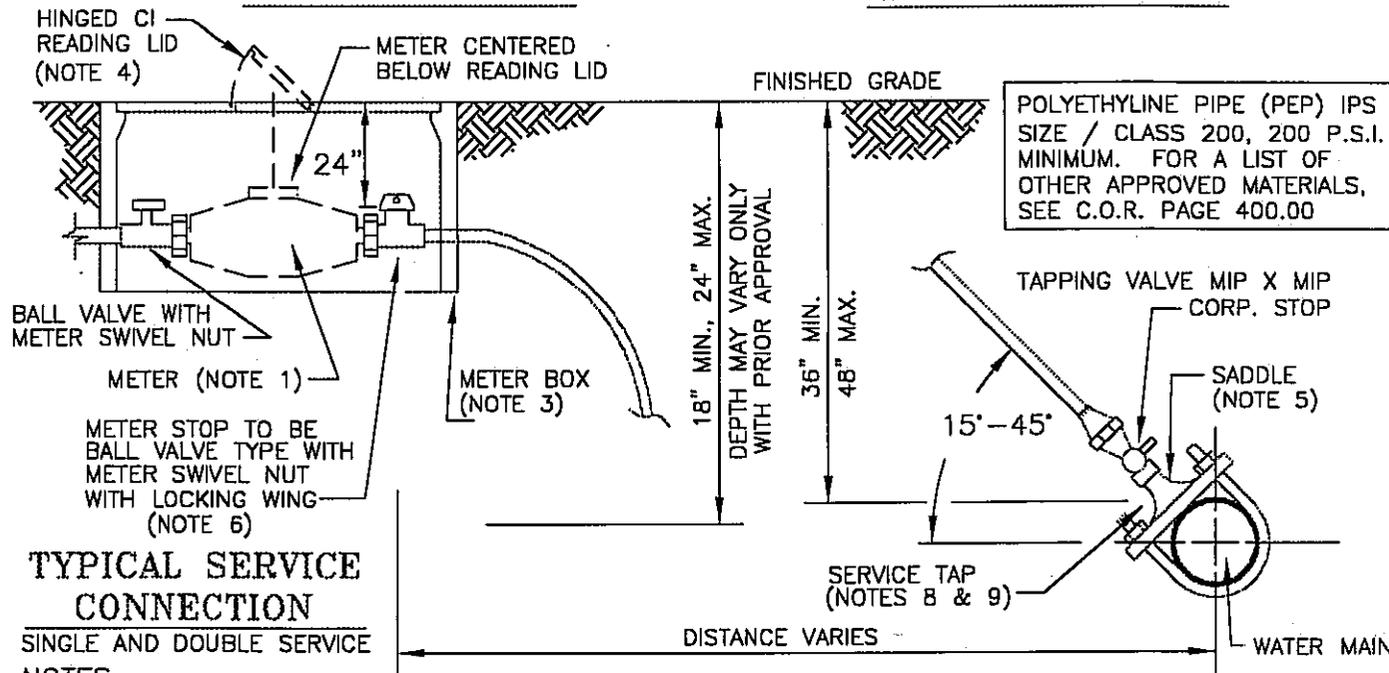
DWG DATE 5-07		SCALE NTS	CITY OF YREKA - DEPARTMENT OF PUBLIC WORKS	
			APPROVED BY <i>Steven D. Neill</i> STEVEN D. NEILL, P.E. RCE #33385 DIRECTOR OF PUBLIC WORKS	<b>TWO WAY CLEANOUT CONNECTION</b>
MARK	DATE	REVISION		



**SINGLE SERVICE**



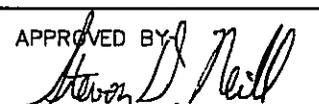
**DOUBLE SERVICE**



**TYPICAL SERVICE CONNECTION**

SINGLE AND DOUBLE SERVICE NOTES

1. METER SIZES SHALL BE 5/8" x 3/4", THRU 2".
2. SERVICE PIPE AND COUPLINGS PER THIS STANDARD AND/OR MATERIALS LIST, ITEM 1, PAGE 400.00.
3. METER BOXES SHALL BE PER MATERIALS LIST, ITEM 6, PAGE 400.00.
4. METER BOXES SHALL HAVE CONCRETE LIDS (STEEL TRAFFIC LIDS IN DRIVEWAYS OR AREAS WITH ROLL CURB) WITH HINGED CI. READING LIDS. SEE MATERIALS LIST, ITEM 6, PAGE 400.
5. SADDLES PER MATERIALS LIST, ITEM 3, PAGE 400.00.
6. METER STOP VALVE SHALL BE POSITIONED IN METER BOX SO THAT METER REGISTER WILL BE CENTERED UNDER READING LID.
7. METER BOXES AND SERVICE PIPING SHALL BE INSTALLED WITH A MINIMUM OF 2 1/2 FT. CLEARANCE FROM ALL ELECTRICAL TRANSFORMERS, LIGHT STANDARDS AND OTHER UTILITY BOXES OR VAULTS.
8. ONLY SERVICE TAPS FOR 1 1/2" AND 2" MAY BE TAPPED OTHER THAN AT A 45° ANGLE, BUT ONLY WITH PRIOR APPROVAL OF THE CITY ENGINEER.
9. SERVICE TAPS 3/4" THRU 2" SHALL BE INSTALLED A MIN. OF 24" FROM END OF PIPE OR FITTINGS.
10. A DOUBLE CHECK VALVE SHALL BE INSTALLED ON THE PROPERTY SIDE OF THE METER WHENEVER A PRIVATE WELL OR DEVELOPED SPRING IS LOCATED ON THE PROPERTY BEING SERVED.
11. PAGE NUMBERS IN THESE NOTES REFER TO CITY OF REDDING CONSTRUCTION STANDARDS

DWG DATE 6-05		SCALE NTS	CITY OF YREKA • DEPARTMENT OF PUBLIC WORKS	
			APPROVED BY  STEVEN D. NEILL, P.E. RCE #33385 DIRECTOR OF PUBLIC WORKS	
			<b>WATER SERVICE CONNECTION</b> <hr/> SINGLE / DOUBLE 3/4" THRU 2"	
MARK	DATE	REVISION		

# CITY OF YREKA

## DEPARTMENT OF PUBLIC WORKS POLICY AND PROCEDURE

### WATER METERS

**POLICY: WATER METERS:**

1. RADIO READ WATER METERS ARE REQUIRED ON ALL NEW WATER SERVICES.

**WATER METERS SHALL BE:**

1. BADGER BRAND RD-T 5/8" x 3/4" WATER METER OR LARGER
2. BRASS BOTTOM ONLY
3. GALLON REGISTER

**RADIO READ TOP SHALL BE:**

1. BADGER ORION UNIVERSAL 1 PIT TRANSMITTER WITH DATA PROFILING AND LEAK DETECTION.

**WATER METER VALVES AND PIPES:**

1. 2 – FORD #FB13-332W BALL VALVES WITH IRON PIPE THREADS TO THE METER  
Mueller Brass OK ( ONE VALVE FOR EACH SIDE OF THE METER)
2. 1 – TAPPING VALVE #FFB500-3 WITH IRON PIPE MALE THREADS ON BOTH ENDS  
Mueller Brass OK

**PROCEDURE: INSTALLATION:**

1. RADIO READ METERS SHALL BE PURCHASED AND INSTALLED BY THE PROPERTY OWNER / DEVELOPER IN ACCORDANCE WITH THE DEPARTMENT OF PUBLIC WORKS STANDARD DRAWING FOR WATER SERVICE CONNECTIONS.
2. DEPARTMENT OF PUBLIC WORKS STAFF SHALL INSPECT AND APPROVE ALL INSTALLATIONS AND THE INSTALLER MUST CALL THE DEPARTMENT OF PUBLIC WORKS TO ARRANGE FOR AN INSPECTION.
3. THE WATER METER SERIAL/IDENTIFICATION NUMBER SHALL BE COLLECTED BY THE DEPARTMENT OF PUBLIC WORKS AT THE TIME OF INSPECTION.
4. FAILURE TO COMPLY WITH THESE CONDITIONS SHALL BE REASON FOR WATER SERVICE TO BE LOCKED OFF UNTIL ALL CONDITIONS ARE MET.

**CITY OF YREKA  
DEPARTMENT OF PUBLIC WORKS**

**WATER METER TYPE AND SUPPLIES, SUPPLIERS AND REQUIREMENTS:**

**THE FOLLOWING WATER METER AND VALVE ASSEMBLY IS REQUIRED**

1.)	<b>M E T E R</b>	1 – BADGER RD-T 5/8" X 3/4" WATER METER ( brass bottom only / gallon register )	
		ORDER FROM:	BADGER METER, INC. 2250 APOLLO WY #300 SANTA ROSA, CA 1 (707) 575-0700 OR 1 (877) 348-0700
		OR ORDER FROM:	BUDGE MCHUGH 125 WEST FOURTH ST 1 (541) 779-6180 MEDFORD, OR 97501
<b><u>CONTRACTORS MAY ORDER BY CREDIT CARD, OR SET UP CHARGE ACCOUNT BY CONTACTING THE VENDORS LISTED ABOVE FOR PURCHASE INFORMATION.</u></b>			

2.)	<b>R A D I O</b>	1 – BADGER ORION UNIVERSAL 1 PIT TRANSMITTER WITH DATA PROFILING AND LEAK DETECTION.	
		ORDER FROM:	BUDGE MCHUGH 125 WEST FOURTH ST 1 (541) 779-6180 MEDFORD, OR 97501
3.)	<b>P A R T S</b>	2 – FORD #FB13-332W BALL VALVES WITH IRON PIPE THREADS TO THE METER Mueller Brass OK (ONE VALVE FOR EACH SIDE OF METER)	
		1 – TAPPING VALVE #FFB500-3 WITH IRON PIPE MALE THREADS ON BOTH ENDS Mueller Brass OK	
		ORDER FROM:	FERGUSON ENTERPRISES, INC 965 MASON WY MEDFORD, OR 97501 1 (866) 861-7041
<b><u>CONTRACTORS MAY ORDER BY CREDIT CARD , CASH AND CARRY OR SET UP CHARGE ACCOUNT WITH FERGUSON ENTERPRISES, INC BY CALLING THE NUMBER LISTED ABOVE</u></b>			

**WATER METERS AND WATER METER INSTALLATION SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:**

1. METERS SHALL HAVE <b>GALLON</b> REGISTERS.
2. <b>VALVES</b> SHALL BE INSTALLED ON <b>BOTH SIDES</b> OF THE METER.
3. ALL METERS SHALL HAVE <b>BRASS BOTTOMS</b> .
COSTS FOR THE ABOVE MENTIONED SPECIFICATIONS SHALL BE BORNE BY THE DEVELOPER/OWNER.

**CITY OF YREKA**  
**DEPARTMENT OF PUBLIC WORKS**  
**POLICY AND PROCEDURE**  
**WATER METERS BOXES**

**POLICY**

1. Water meters and meter boxes are required on all new water services.
2. All boxes in sidewalk area shall have a concrete lid with a cast-iron hinged read lid.
3. All boxes outside of sidewalk area (driveways etc.) will have a steel traffic rated lid.

**PROCEDURE**

1. Meters and meter boxes shall be purchased and installed by the property owner/developer in accordance with the City of Yreka Department of Public Works Standard Drawing for Water Service Connections, Y401.00.

The minimum box size for a 1" meter or smaller is 27 1/2" x 18".

**A water meter box and box extension is required for the specified water meter depth of 24".**

2. Department of Public Works staff shall inspect and approve all installations.
3. Water meter boxes may be purchased from the following suppliers:

**SUPPLIERS:**

	Company Name	Phone	Product Name / Product #	Size
1.	Cook Concrete Products 5461 Eastside Rd. PO Box 720280 Redding, CA 96099	530 / 243-2562	Cook Box #15 Cook Extension Cook Lid Concrete w/cast iron hinged reading lid	28" x 18" 12"

	Company Name	Phone	Product Name / Product #	Size
2.	Ferguson Enterprises, Inc 965 Mason Wy Medford, OR 97501	866 / 861-7041	Christy Box B30 Christy Extension B30X12 Christy Lid B30G Concrete w/cast iron hinged reading lid	27 1/2" x 18" 12"



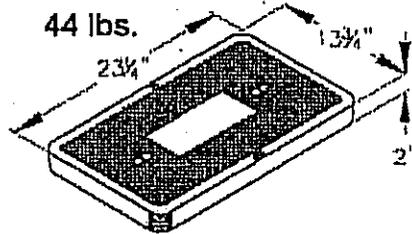
# B30 UTILITY BOX 13-1/4" x 24-1/4"

- Etched polypropylene face
- Face anchored in concrete
- Ultra-violet inhibitor
- Exceeds ASTM-D1693 Standards for Environmental Stress Cracking Resistance

## REINFORCED CONCRETE LID

No. B30D

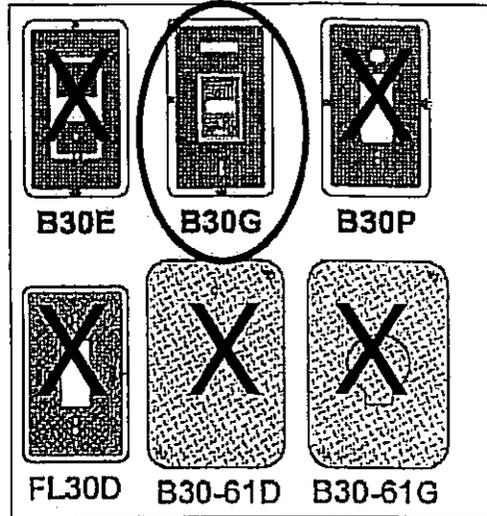
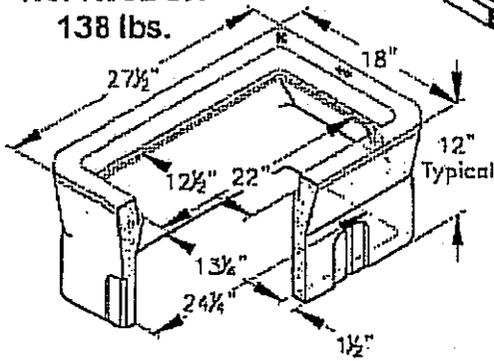
44 lbs.



## UTILITY BOX

No. N30BOX

138 lbs.



A high density reinforced concrete box with non-settling shoulders positioned to maintain grade and facilitate back filling. Approximate dimensions and weight shown.

Ordering Code	Item	Approx. Shipping Weight	Description
★ N30BOX	BOX	138	N30 Utility Box (13 1/2" x 24 1/4") - 16 per pallet
B30D	LID	44	Reinforced concrete
FL30D	LID	20	Fibreglass lid, non-concrete
B30E	LID	56	Reinforced concrete with 7" x 13 1/2" concrete reading lid
★ B30G	LID	44	Reinforced concrete with 5" x 8" cast iron, self-closing, reading lid with frame
B30P	LID	45	Reinforced concrete with 1 3/4" hole for reading probe
B30-61D	COVER	38	Steel checker plate
B30-61G	COVER	38	Steel checker plate with 8" round, self-closing reading lid
★ B30X12	EXTENSION	116	12" Reinforced concrete - 16 per pallet
B30SL	SLAB	52	Reinforced concrete (16" x 28")

Galvanizing available on all steel covers

# CITY OF YREKA WATER METER LID REQUIREMENTS

COOK CONCRETE PRODUCTS, INC.

—Precast—

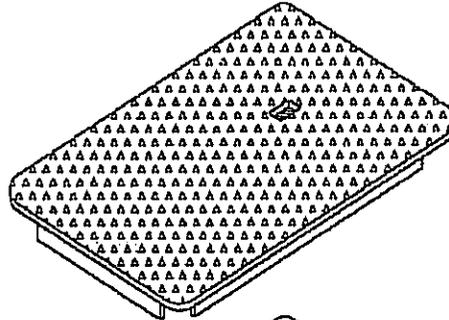


MANHOLE PIPE • DRAINAGE INLETS • STORM WATER/OIL INTERCEPTORS • UTILITY VAULTS & BOXES • CUSTOM PRECAST

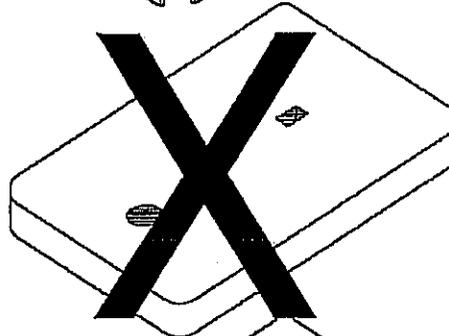
(530) 243-2562  
FAX (530) 243-6881  
www.cookconcreteproducts.com  
e-mail:  
Info@cookconcreteproducts.com

5461 EASTSIDE ROAD  
P.O. BOX 720280  
REDDING, CA 96099

REQUIRED  
WATER METER  
LID FOR ALL  
DRIVEWAYS.

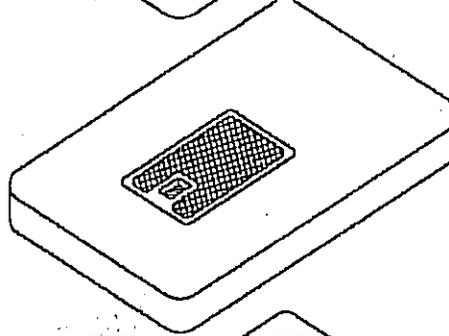


DIAMOND PLATE STEEL LID  
SUITABLE FOR LIGHT TRAFFIC  
AVAILABLE WITH OR WITHOUT  
HOLD DOWN BOLTS

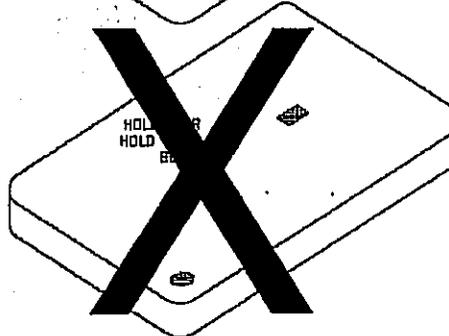


CONCRETE LID WITH REMOTE  
READING PORT

REQUIRED LID  
FOR ALL METER  
BOXES **NOT** IN  
DRIVEWAY.



CONCRETE LID WITH CAST  
IRON HINGED READING LID



SOLID CONCRETE LID  
AVAILABLE WITH OR WITHOUT  
HOLD DOWN BOLTS

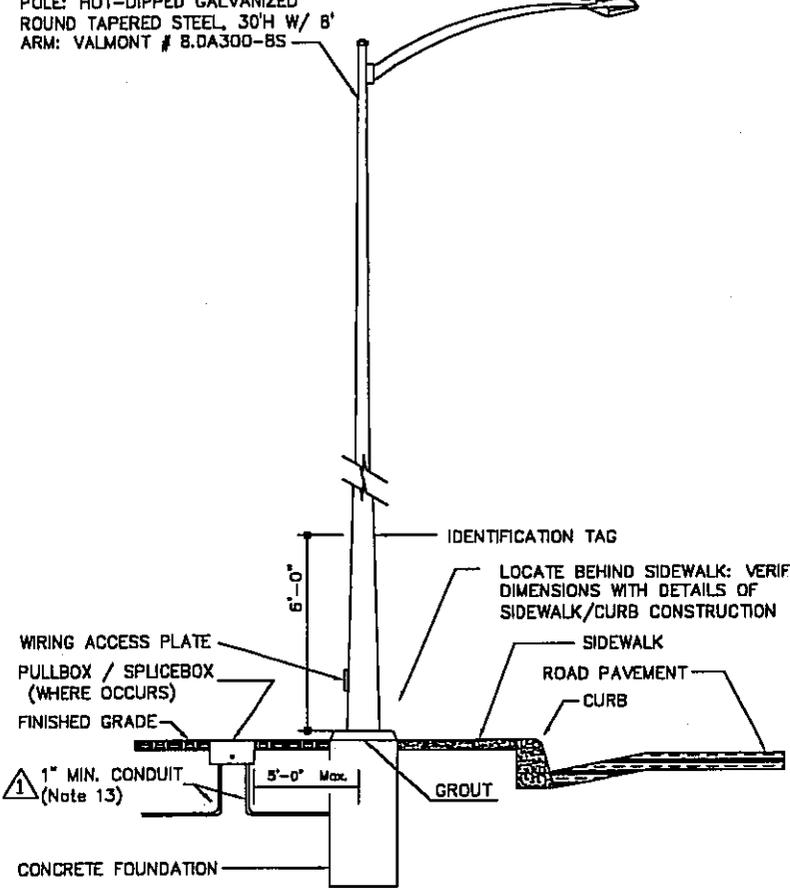
LIDS WITH MARKINGS AS  
REQUIRED- I.E.:  
"WATER"  
"ELETRIC"  
"CAL TRANS SIGNAL"

TYPICAL COVER CONFIGURATIONS

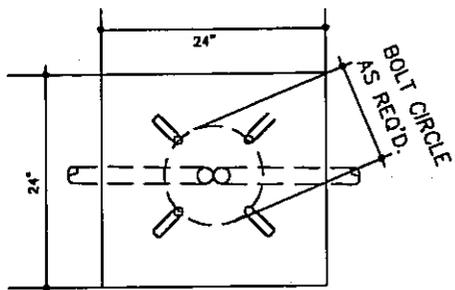
**LUMINAIRE**  
RESIDENTIAL: GE 100 WATT; M2AC10SOH2A(FLAT)MC31  
COLLECTOR: GE 250 WATT; M2AC25SOA2GMC31

PHOTO CELL FACING NORTH

POLE: HOT-DIPPED GALVANIZED  
ROUND TAPERED STEEL, 30'H W/ 8'  
ARM: VALMONT # 8.DA300-BS



**STREET LIGHT DETAIL**

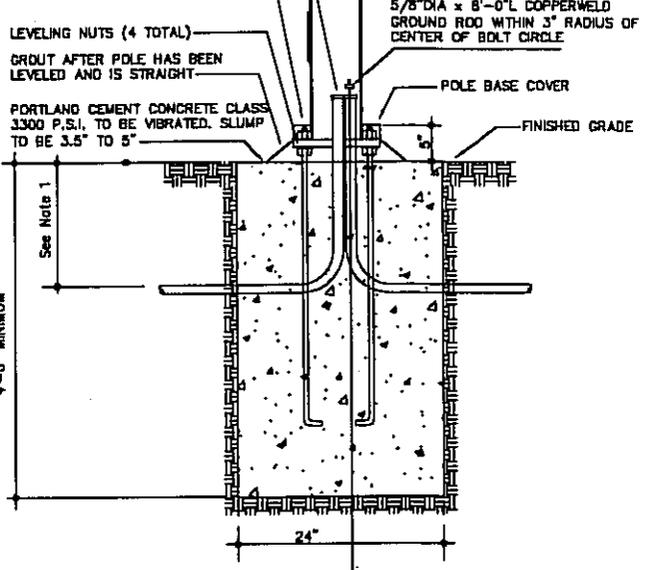


STUBOUT 1.5" LIQUIDTIGHT FLEXIBLE  
PVC CONDUITS, 3" MIN PROJECTION,  
WITHIN 3" RADIUS OF CENTER OF  
BOLT CIRCLE

GALVANIZED ANCHOR BOLTS  
W/NUTS: 1" DIA x 36" MIN LENGTH,  
W/4" HOOK, 3.25" MIN PROJECTION,  
4.5" MAX PROJECTION (4 TOTAL)

NOTE: IF CONCRETE IS POURED TO  
FORMS, COMPACTION OF BACKFILL TO  
85% IS REQ'D.

PROVIDE MIN 32" SLACK CONDUCTOR  
AT POLE BASE

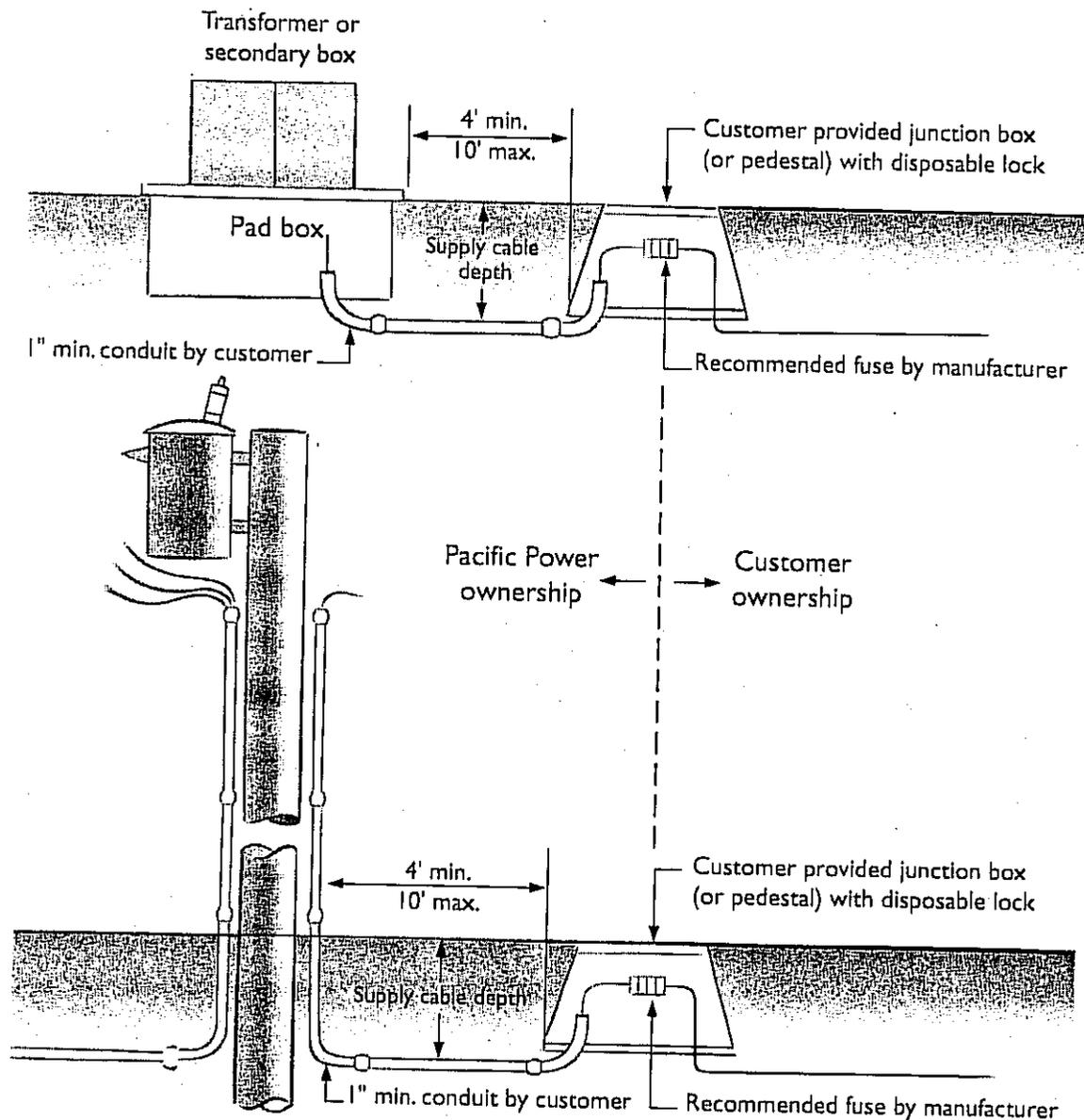


**STREET LIGHT POLE BASE DETAIL**

- NOTES:**
- All conduit to be used shall be rigid metal, or minimum schedule 40 PVC. The minimum depth of cover for conduit shall be as follows:
    - A. Within roadway areas: 36" minimum
    - B. All other areas: 24" minimum
  - All work shall comply with the National Electrical Code (latest edition). All underground metal conduit, metal splice and junction boxes, metal parts, etc. shall be continuously bonded and grounded.
  - Minimum radius of conduit bends shall be 18 inches. All bands and/or offsets shall be made with factory fabricated sections. There shall be no more than three bends per run.
  - Long conduit runs are to be avoided. Direct power service from the electrical provider secondaries to the pull box shall be provided. Junction boxes to be a maximum of 250 feet apart in long runs.
  - All splices shall be waterproof, made with approved solderless connector of proper size, and shall conform to Caltrans 1999 Std. Plan ES - 13A.
  - All empty conduit shall be capped and a 1/4 inch nylon pull rope. The rope shall be installed inside with each end secured in such a way as to assure that they will remain exposed.
  - When a private party is to develop a system and then dedicate the system to the City the private party shall be responsible for all necessary arrangements with the electrical provider, as well as all connection and service fees charged by the utility.
  - Each street light shall have a fuse-disconnect in the splice box and shall conform to Caltrans 1999 Std. Plan ES - 13B. Splice boxes shall be installed in accordance with the approved plans, or as directed by the Department of Public works. Fuse-disconnect may be placed in pole at base and shall be accessible from the pole access plate.
  - All conductors shall be copper.
  - Street light spacing and layout shall be per the current edition of the City of Redding Construction Standards. Variation shall be subject to approval of the Director of Public Works.
  - The City of Redding Construction Standards, Current Edition, shall be used as the basis for street light design of aspects not specifically addressed in this standard.
  - The Director of Public Works may require additional analysis and design of street light foundations should field conditions indicate that such investigations are warranted.
  - One-inch minimum conduit and conductor shall be installed from pole base to pullbox. One-inch minimum conduit WITHOUT CONDUCTOR shall be installed from pull box to power company point of connection.

DWG DATE 2-05		SCALE NTS		CITY OF YREKA • DEPARTMENT OF PUBLIC WORKS	
△	5-06	Note 13, Conduit added	APPROVED BY <i>Steven D. Neill</i> STEVEN D. NEILL, P.E. RCE #33385 DIRECTOR OF PUBLIC WORKS		
MARK	DATE	REVISION	STREET LIGHT DETAIL		

# Streetlight Point-of-Disconnect Diagram



Customer is responsible for:

- Providing and installing a junction box or pedestal, conduit, fusing and customer-owned wire. The junction box or pedestal must be strong enough for incidental traffic areas
- Coordinating with Pacific Power on junction box or pedestal location and all digging within the vicinity of Pacific Power facilities
- Ensuring that construction of new or remodeled installations conform to applicable provisions of the NEC State Rules, as well as city and county codes

Pacific Power is responsible for:

- Making the connection within Pacific Power facilities (transformer or secondary box)