## **CITY OF ORANGE COVE**

# STANDARD CONSTRUCTION DRAWINGS



#### AUGUST 2013

(NOVEMBER 2008)

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## STANDARD CONSTRUCTION DRAWINGS

AUGUST 2013

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PREPARED BY YAMABE & HORN ENGINEERING, INC. FRESNO, CALIFORNIA

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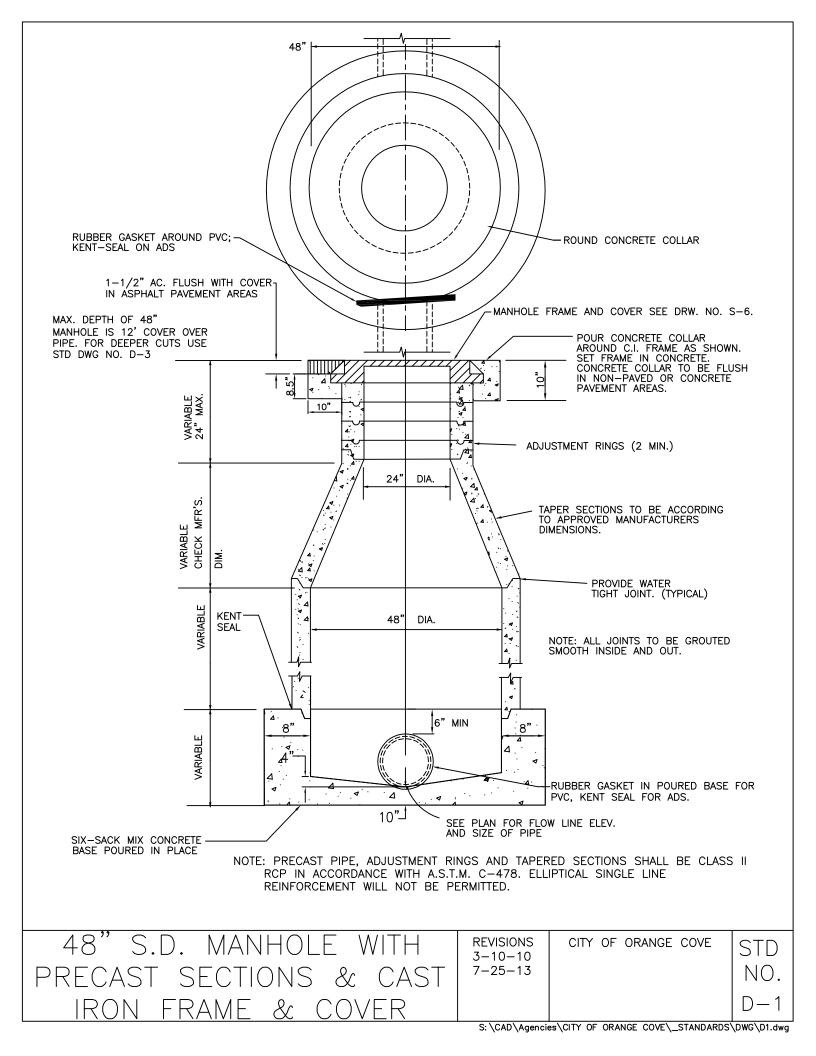
#### INDEX

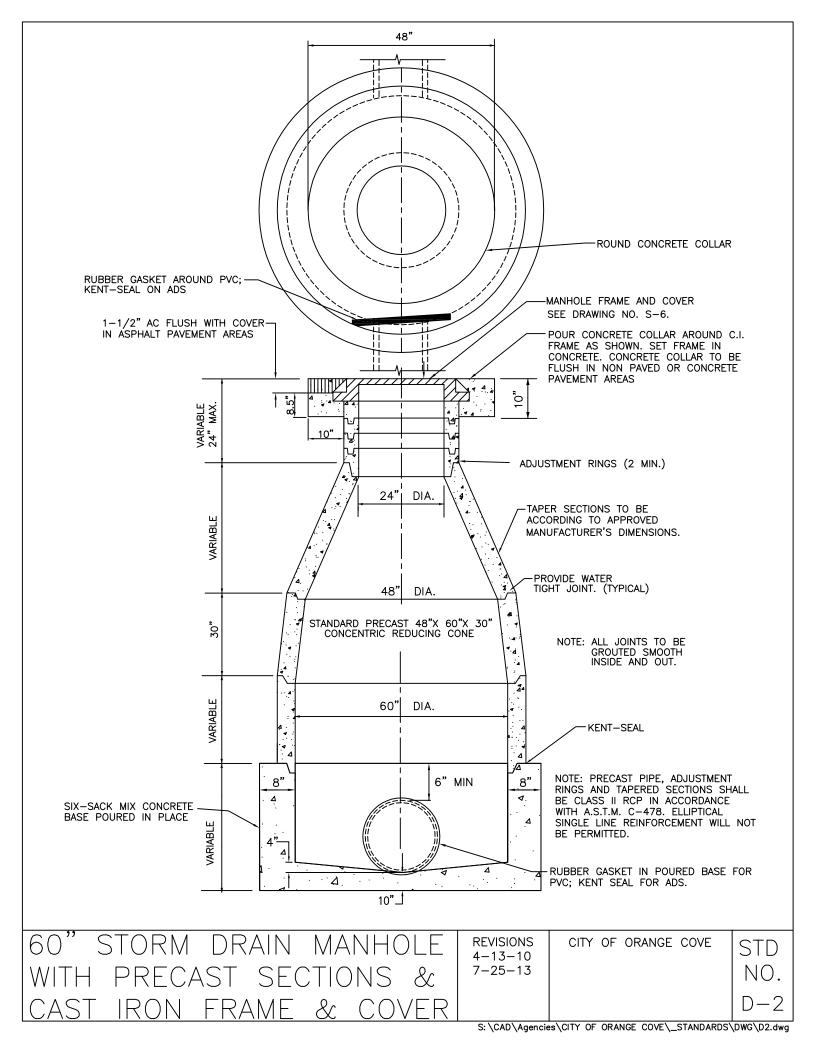
## City of Orange Cove Construction Standards

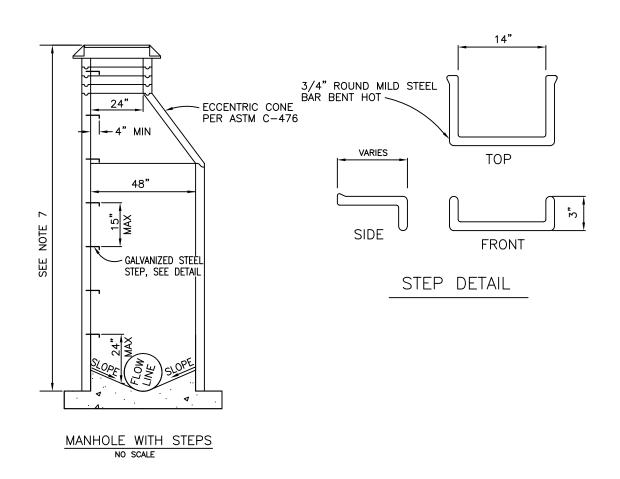
Standard <u>Detail No.</u>	<b>Description</b>
D-1	48" Precast Storm Drain Manhole
<b>D-2</b>	60" Precast Storm Drain Manhole
<b>D-3</b>	Precast Storm Drain Manhole With Steps
<b>D-4</b>	Catch Basin Inlet
D-5	Catch Basin Form and Frame
D-6	Type ''E'' Drain Inlet
E-1	Street Light - Local Street
E-2	Street Light – Collector
E-3	Not Used
<b>E-4</b>	Street Light Pull Box
E-5	Street Light Placement – Cul de sacs
<b>E-6</b>	Street Light Placement – Local Street
<b>E-7</b>	Street Light Placement – Collector Street
E-8	Street Light Placement – Divided Arterial & Expressway
	Streets
L-1	Tree Well
L-2	Ground Cover Spacing
L-3	Double Staking
L-4	Shrub Planting
L-5	Trenching
L-6	Tree Bubbler
L-7	Gate Valve
L-8	Not Used
L-9	Pop-Up Spray Sprinkler Riser
L-10	Backflow Preventer
<b>M-1</b>	Parking Lot Construction Details
<b>M-2</b>	6" Concrete Block Fence Construction and General Notes
<b>M-3</b>	Parking Lot Requirements
<b>M-4</b>	Trash Enclose
<b>M-5</b>	Lot Line Grading Requirements
<b>M-6</b>	6' Chain Link Fence
<b>M-7</b>	6' Chain Link Fence Gate
<b>M-8</b>	Temporary Timber Barricade
<b>M-9</b>	Bench Mark

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P-1	Typical Street Sections
P-2	Typical Boundary Street Sections
P-3	Standard Cul-De-Sa
<b>P-4</b>	Median Island Left Turn Pocket
P-5	Concrete Sidewalk, Curb & Gutter
P-6	Sidewalk Underdrain Pipe
<b>P-7</b>	Curb Removal for New Approaches
P-8	Curb Return Wheelchair Ramps For Intersection Streets
P-9	Standard Wheelchair Ramp
P-10	<b>Concrete Valley Gutter Street Intersection</b>
P-11	Commercial Alley Approach
P-12	Alley Gutter Detail
P-13	Standard Residential Drive
P-14	Residential Driveway Approaches for 8'-10'-12' Patterns
P-15	Standard Commercial Drive Approach
P-16	Commercial Driveway Approach
P-17	Not Used
P-18	Traffic Index Chart
P-19	Trench Backfill & Surface Replacement
P-20	Street Name Sign
P-21	Local Street Roundabout
P-22	Bulb-Out Detail
S-1	Water Line & Sewer Line Separation
S-2	House Branch & Utilities Locations in Streets
S-3	48" Precast Sewer Manhole
S-4	60" Precast Sewer Manhole
S-5	Drop Manhole
S-6	Cast Iron Frame & Cover
S-7	Eccentric Manhole
S-8	Commercial & Industrial Grease Trap
W-1	Location of Underground Pipes in City Streets
W-2	1" Residential Service Connection
W-3	1" To 2" Service Connection
W-4	Reduced Pressure Backflow Preventer
W-5	Fire Hydrant
W-6	Valve Box & Cover
W-7	Typical Hydrant Maker Location
W-8	Bacteria Sampling Station
W-9	Standard Thrust Block Details
W-10	PVC Restrained Joints
W-11	Well Abandonment







#### NOTES:

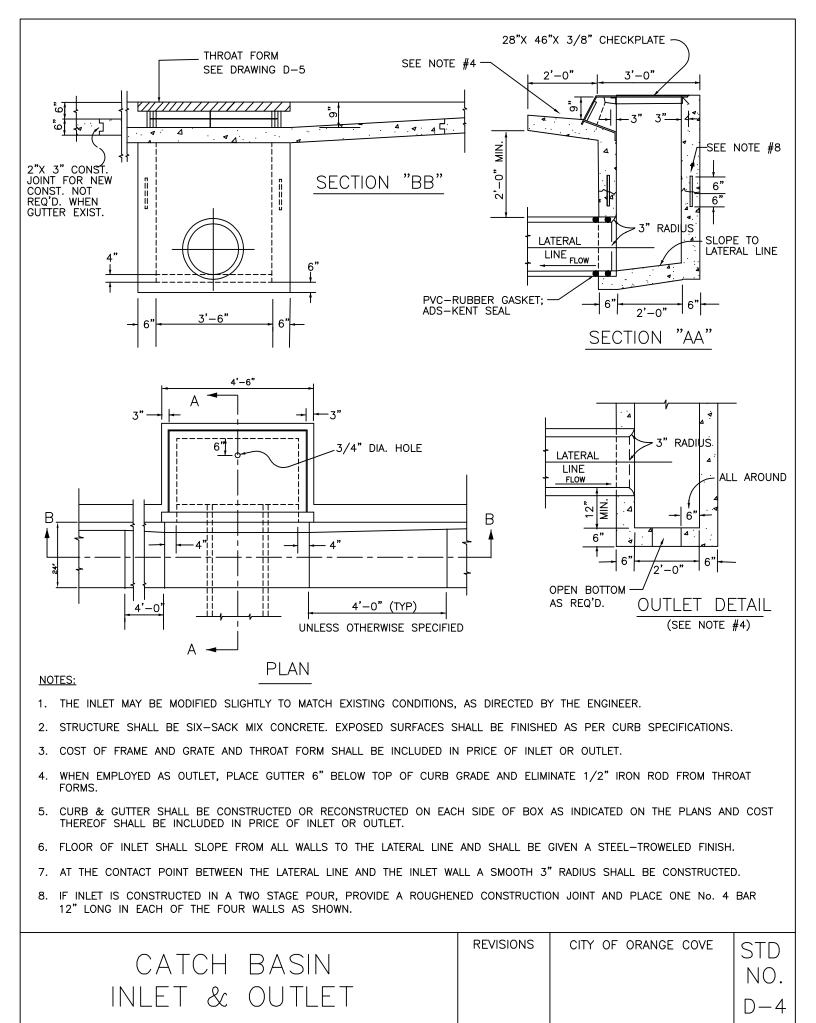
- CONSTRUCTION OF MANHOLE SHALL BE IN ACCORDANCE WITH THE STORM DRAIN MANHOLE STANDARD D-1, EXCEPT AS MODIFIED HEREON. 1.
- 2. AN ALTERNATE STEP MAY BE USED SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 3. ALL STEPS WILL BE FIRMLY AND RIGIDLY SET WITH EPOXY GROUT OR EPOXY.
- 4. STEPS SHALL BE GALVANIZED AFTER BENDING.
- 5. COST OF STEPS SHALL BE INCLUDED IN PRICE OF THE MANHOLE.
- IN MANHOLES WITH LATERAL LINE CONNECTIONS, THE STEPS SHALL BE PLACED IN THE WALL WITH NO LATERALS, OR THE WITH THE LEAST DIAMETER LATERAL, SUCH THAT A CONTINUOUS 6. VERITICAL ALIGNMENT OF STEPS MAY BE ACHIEVED.
- 7. MANHOLES WITH STEPS SHALL BE USED WHENEVER THE DISTANCE BETWEEN THE MANHOLE FLOW LINE AND THE TOP OF COVER IS EQUAL TO OR GREATER THAN 12 FEET.

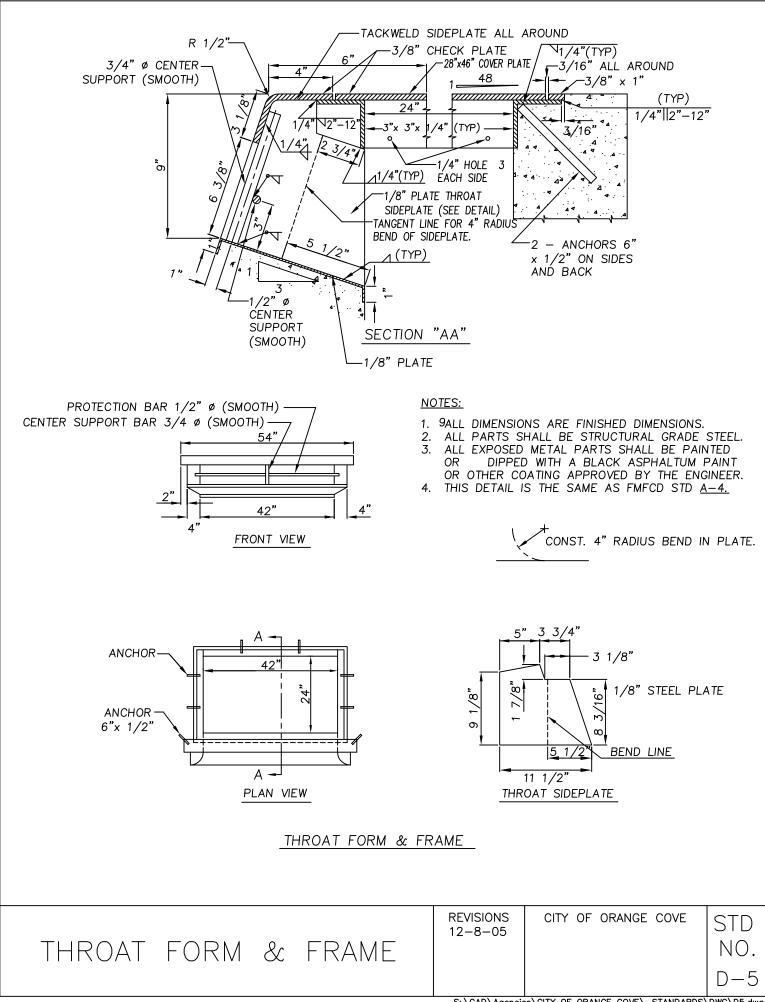
STORM	DRAIN	MANHOLE
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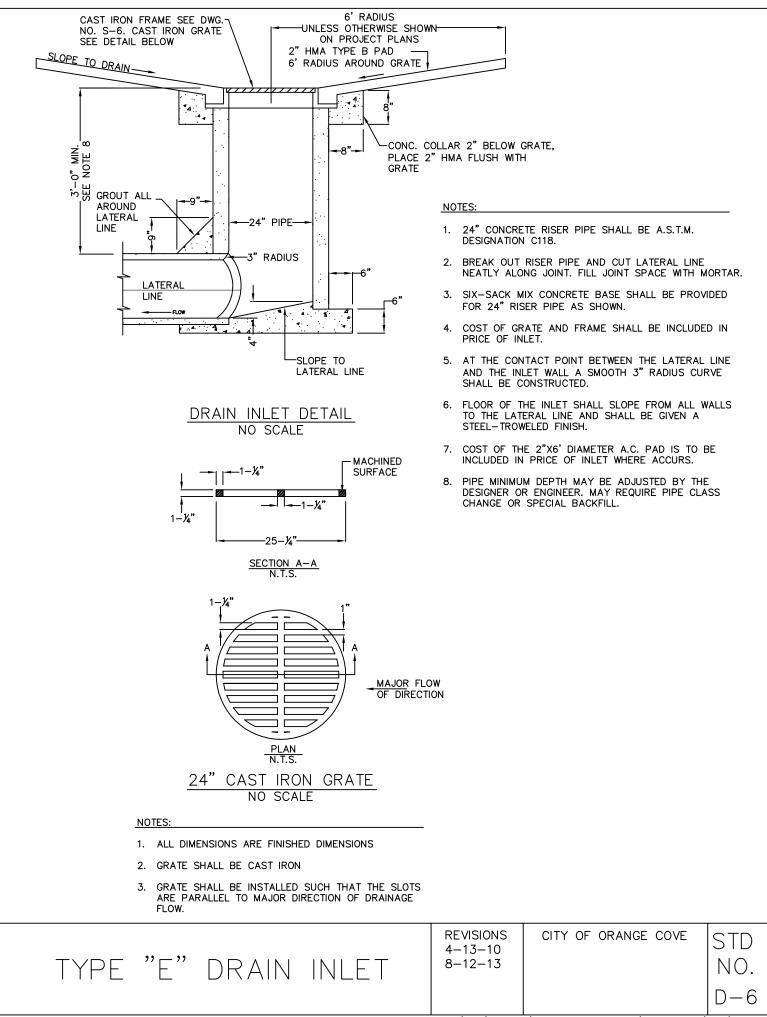
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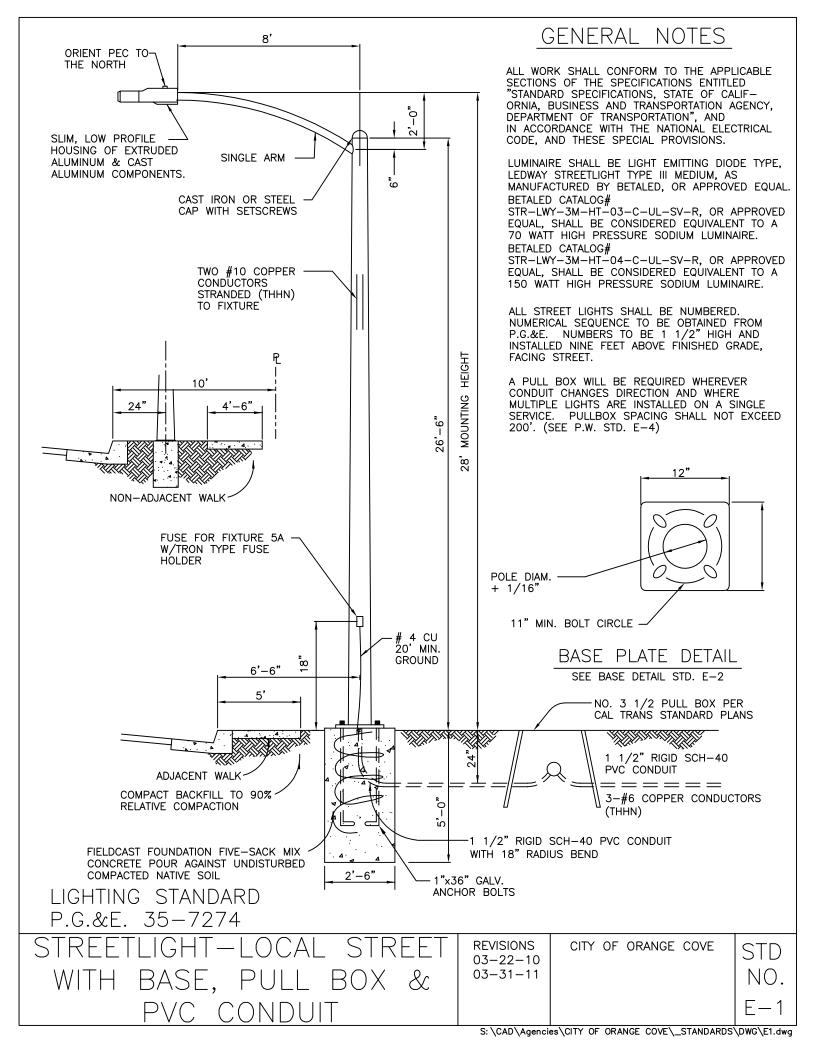
ORANGE	COVE	STD
		NO.

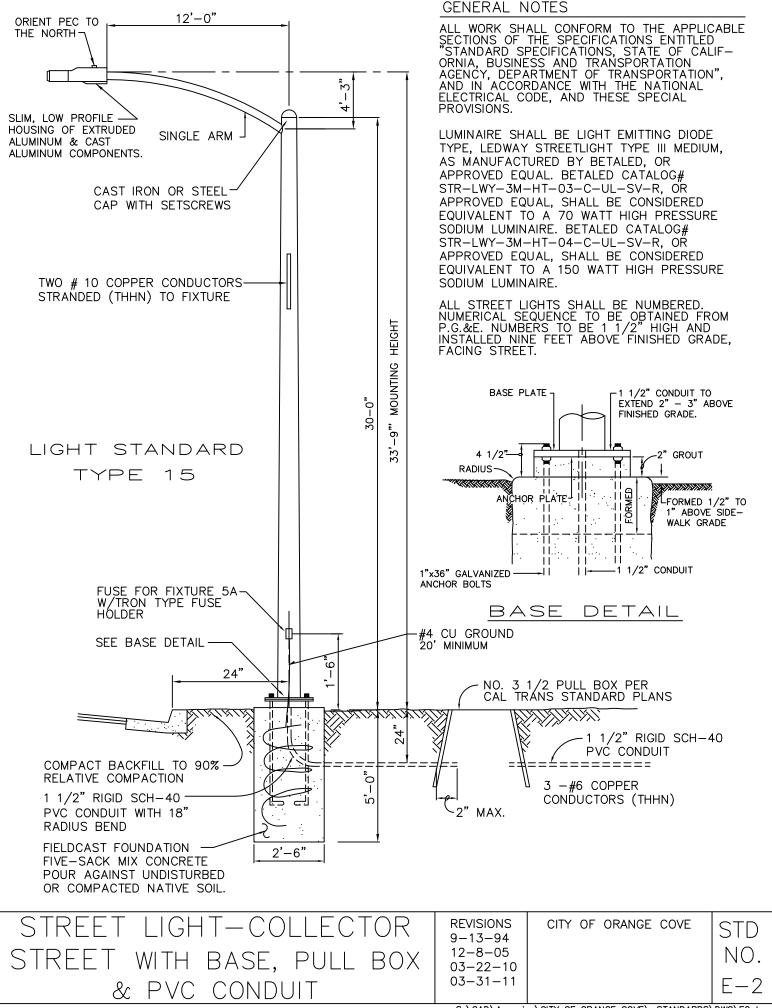
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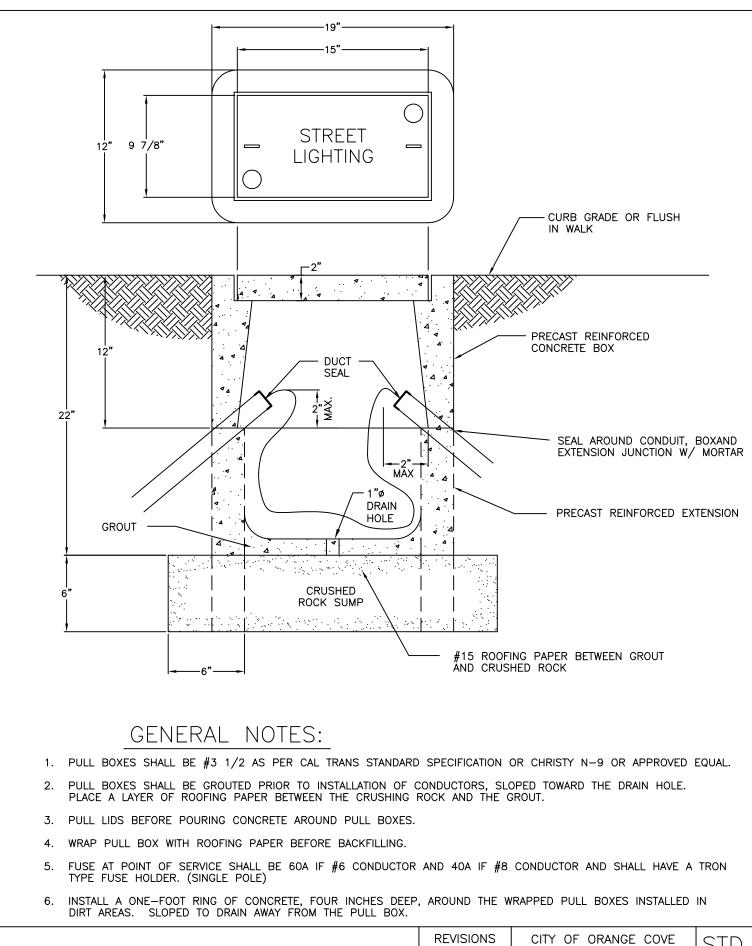






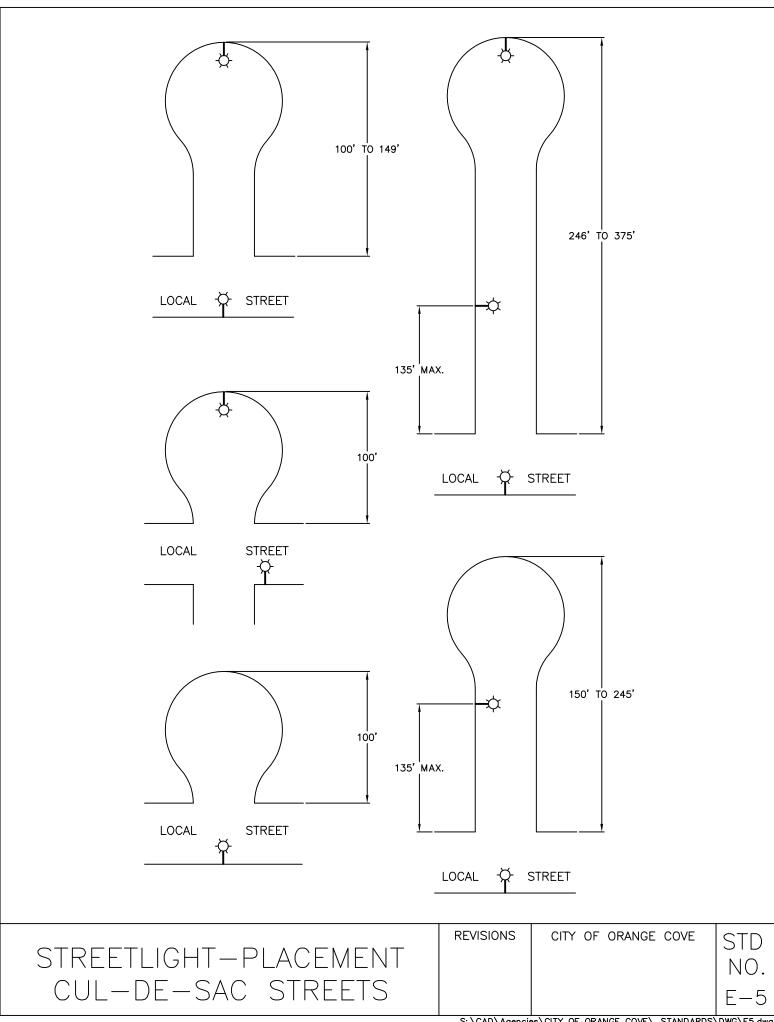


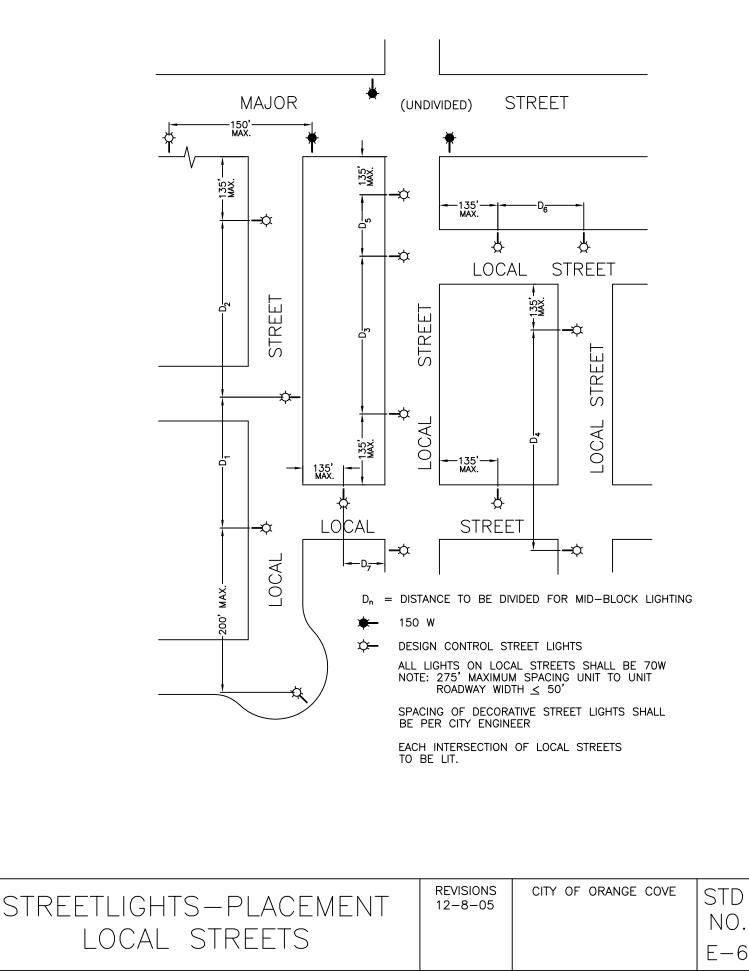


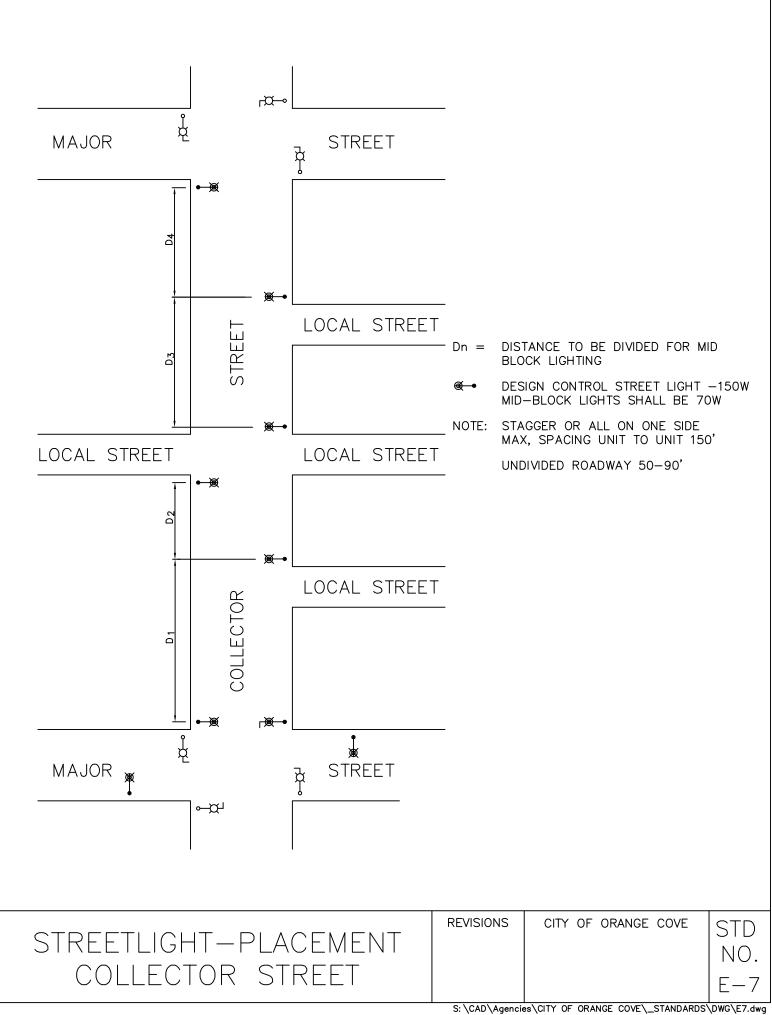


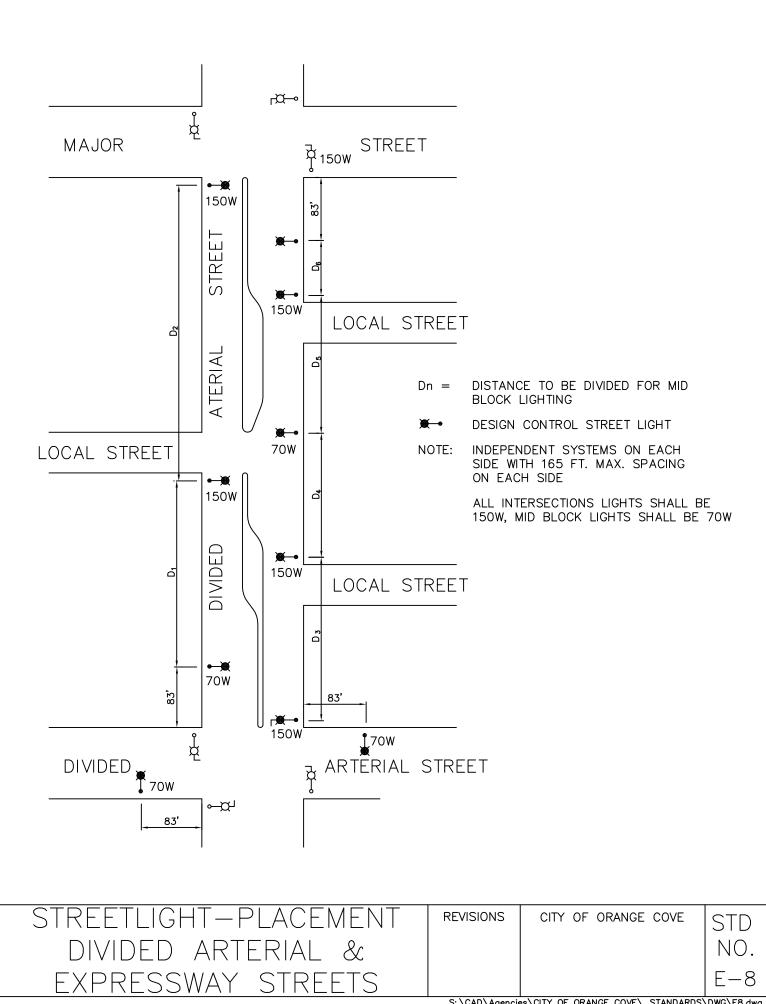
STREET	flight	S	12-8-05	
CONCRETE	PULL	BOXES		

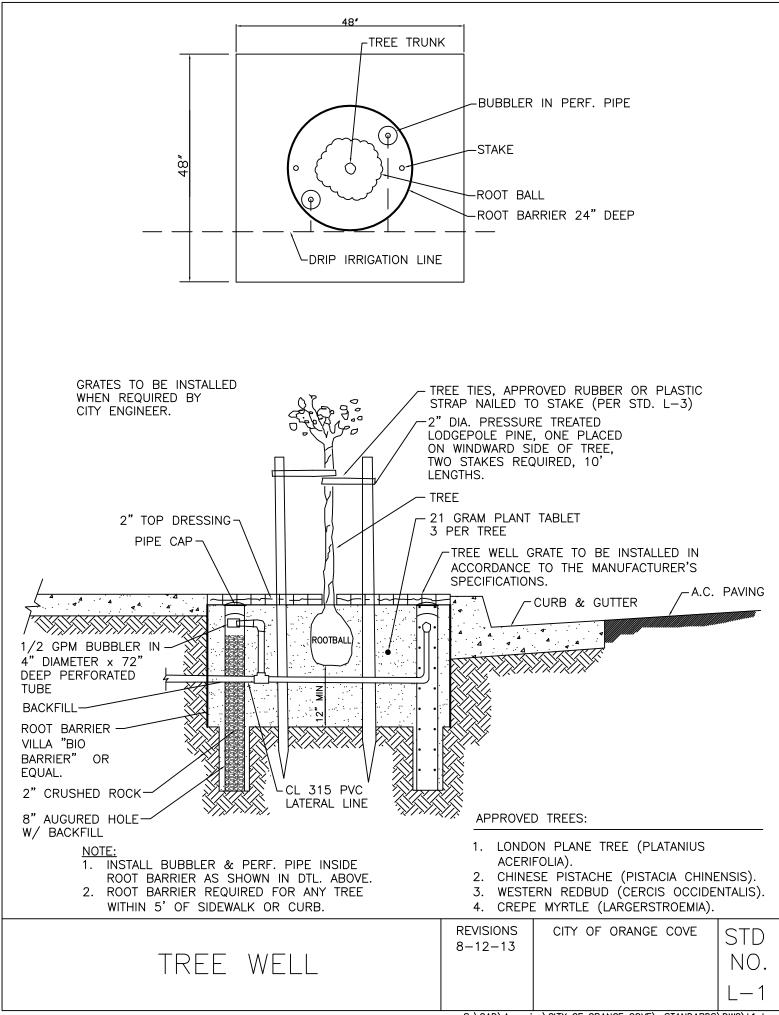
12-8-05	UNANUE COVE	ISID
		NO.
		F-4

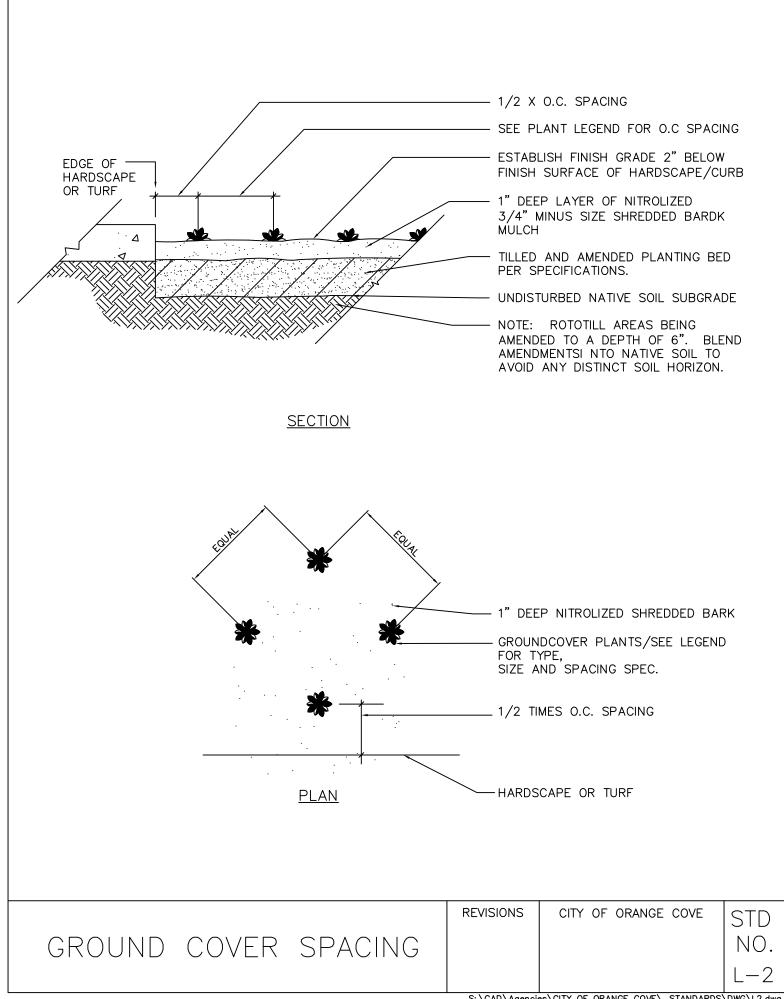


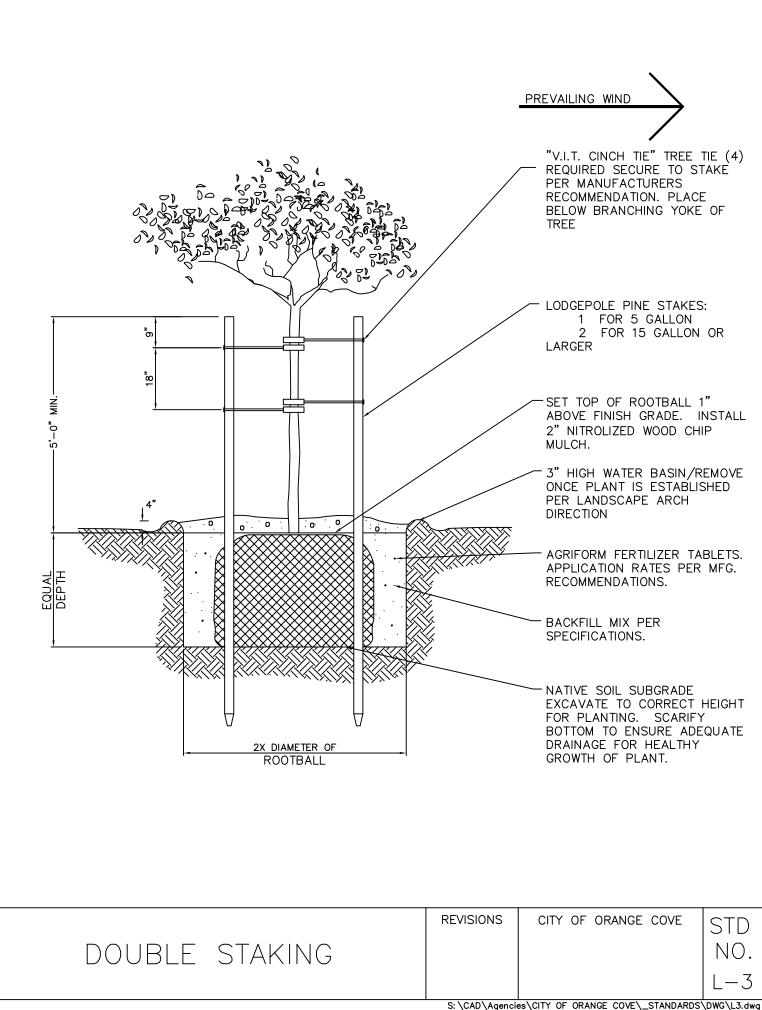


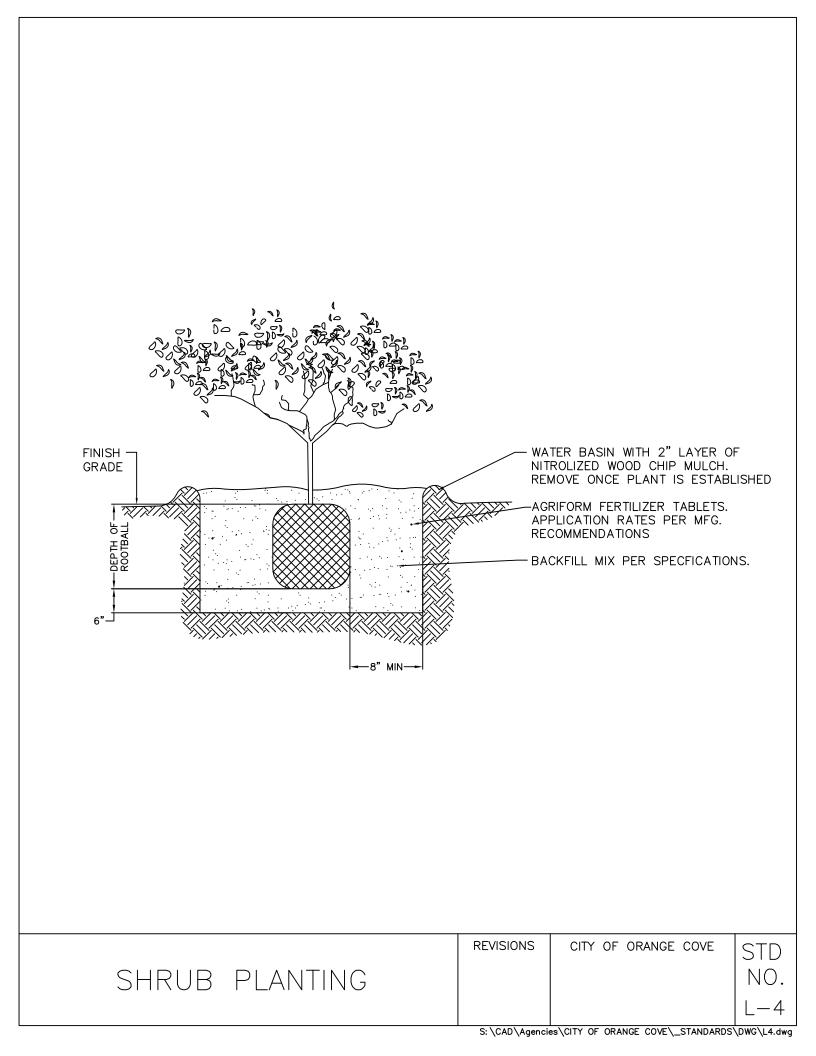


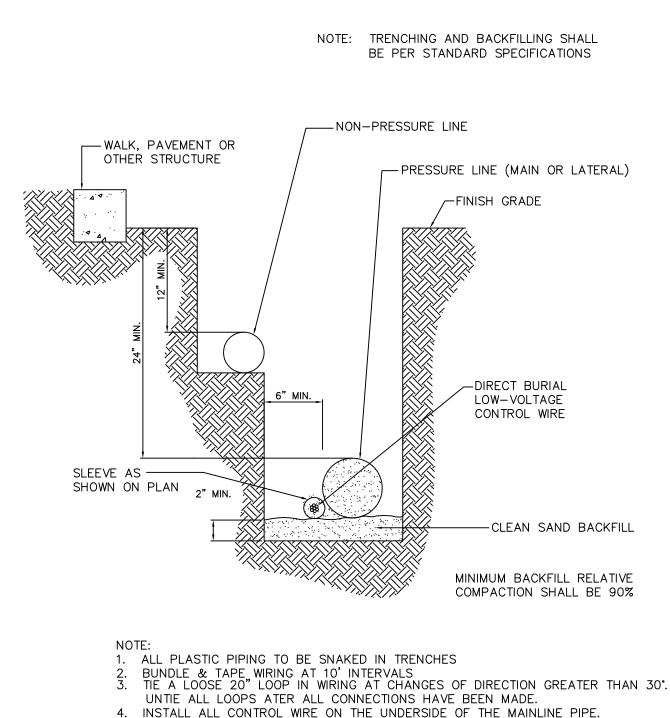




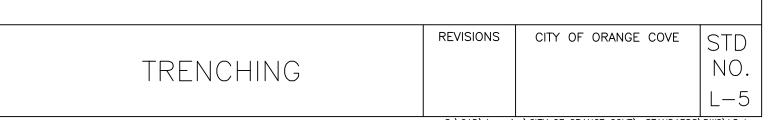


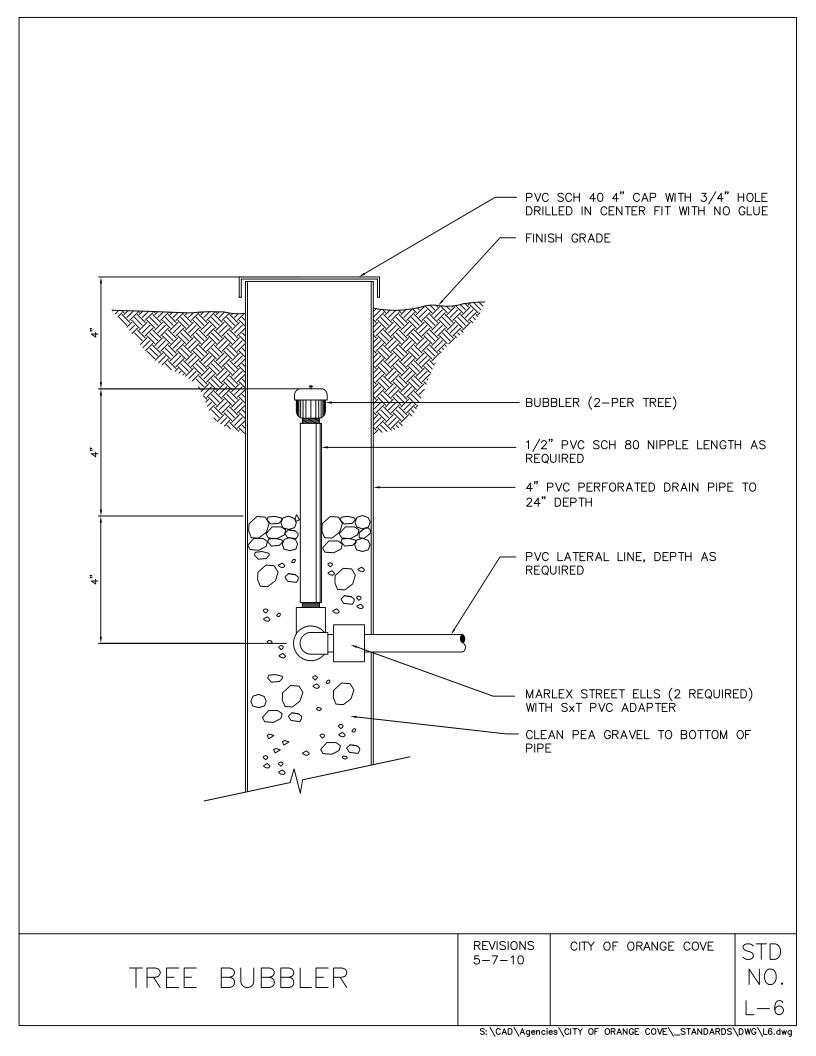


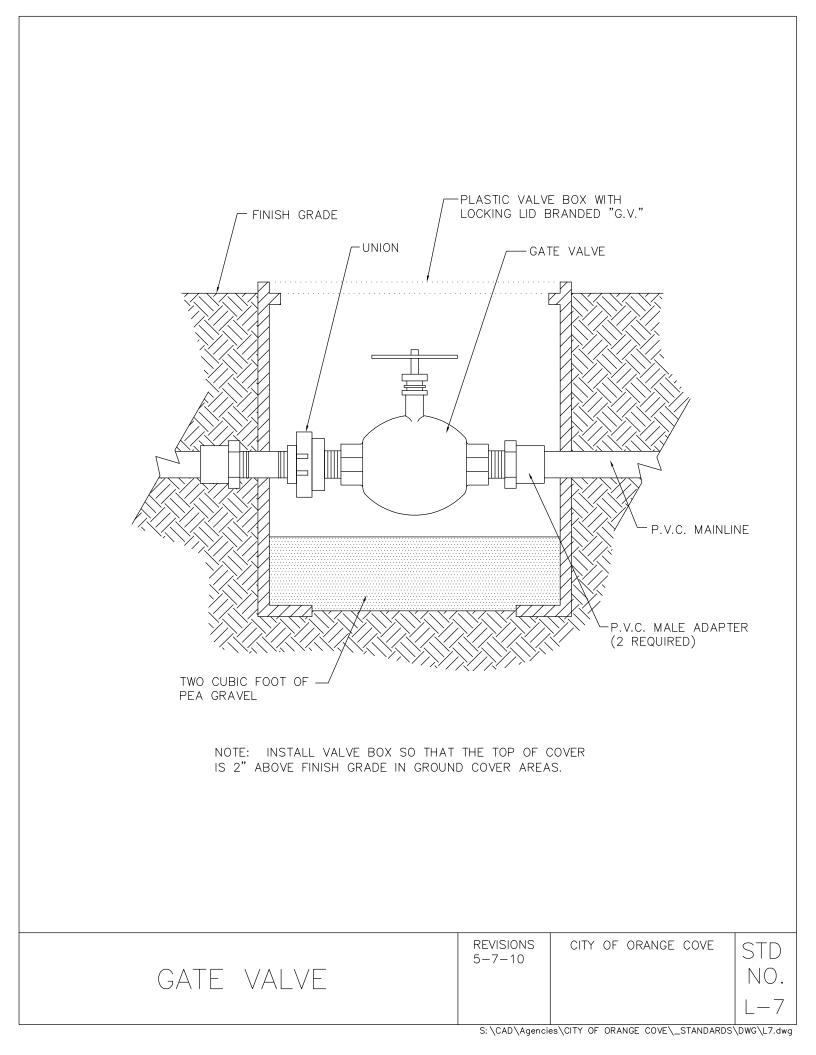


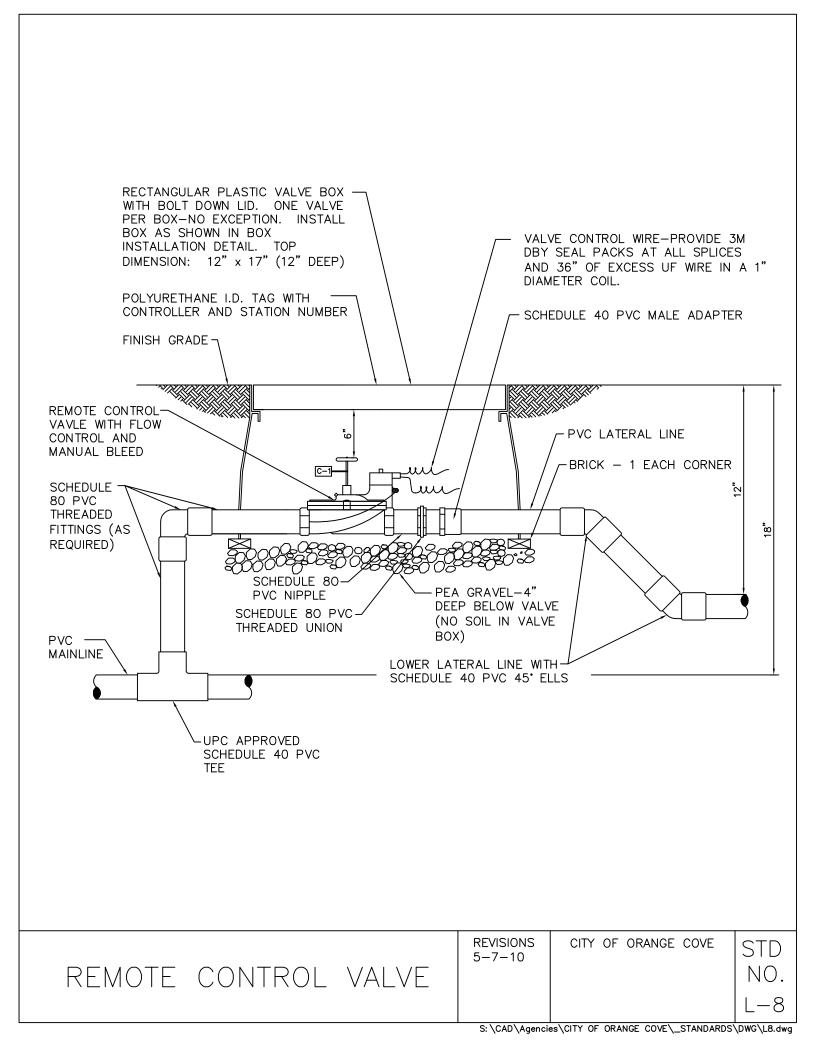


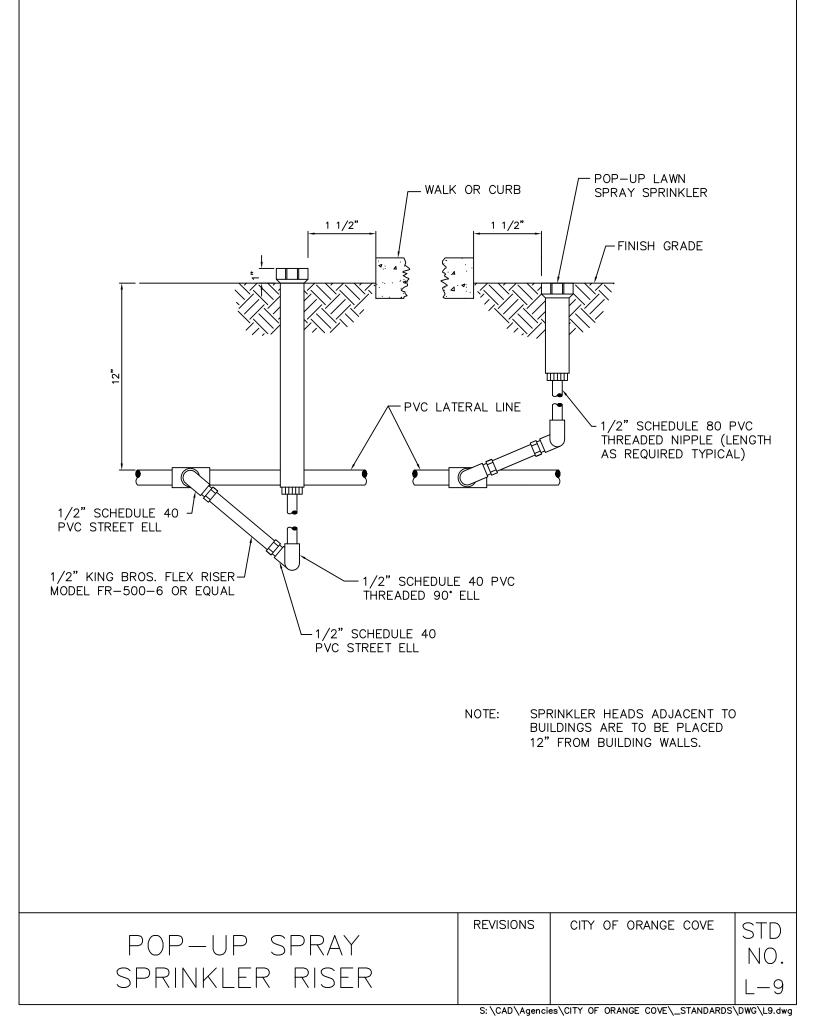
- 5. SEE IRRIGATION SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIRMENTS.
- 6. PIPE DEPTH FOR PRESSURE MAINLINE SHALL BE 24" MINIMUM.
- 7. PIPE DEPTH FOR NON-PRESSURE LATERAL LINES SHALL BE 12" MINIMUM.
- 8. PIPE DEPTH FOR ALL ONES UNDER PAVEMENT SHALL BE 24" MINIMUM.

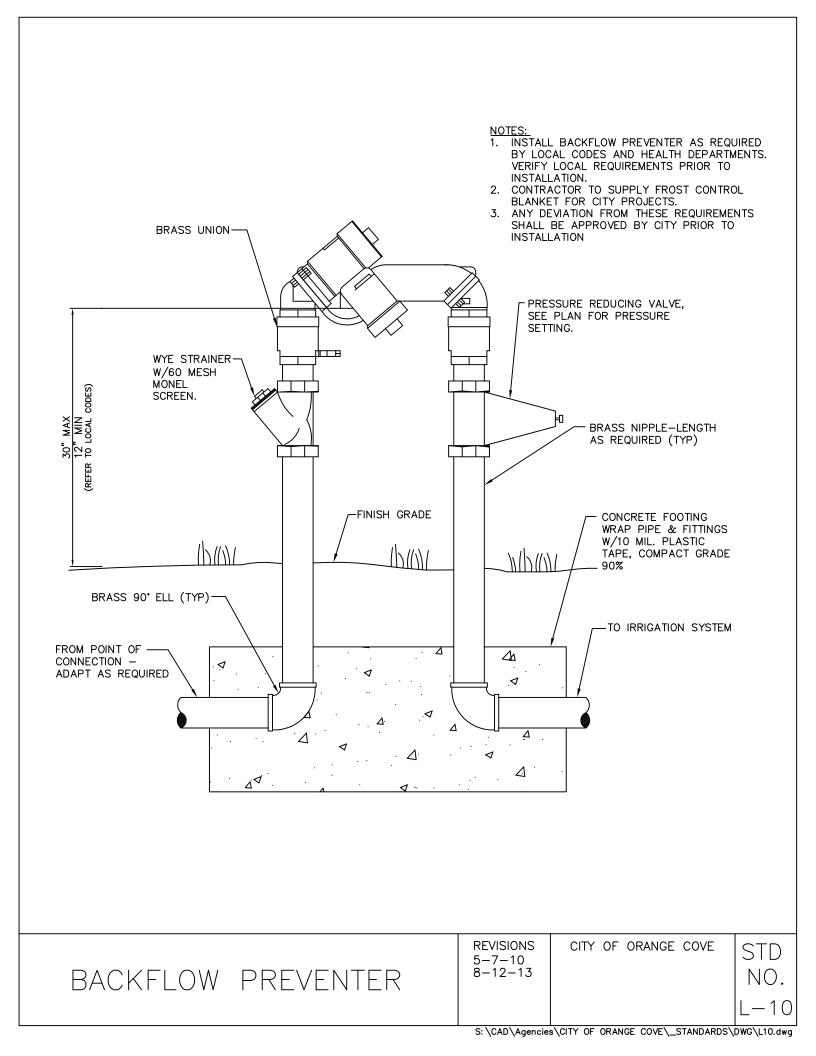


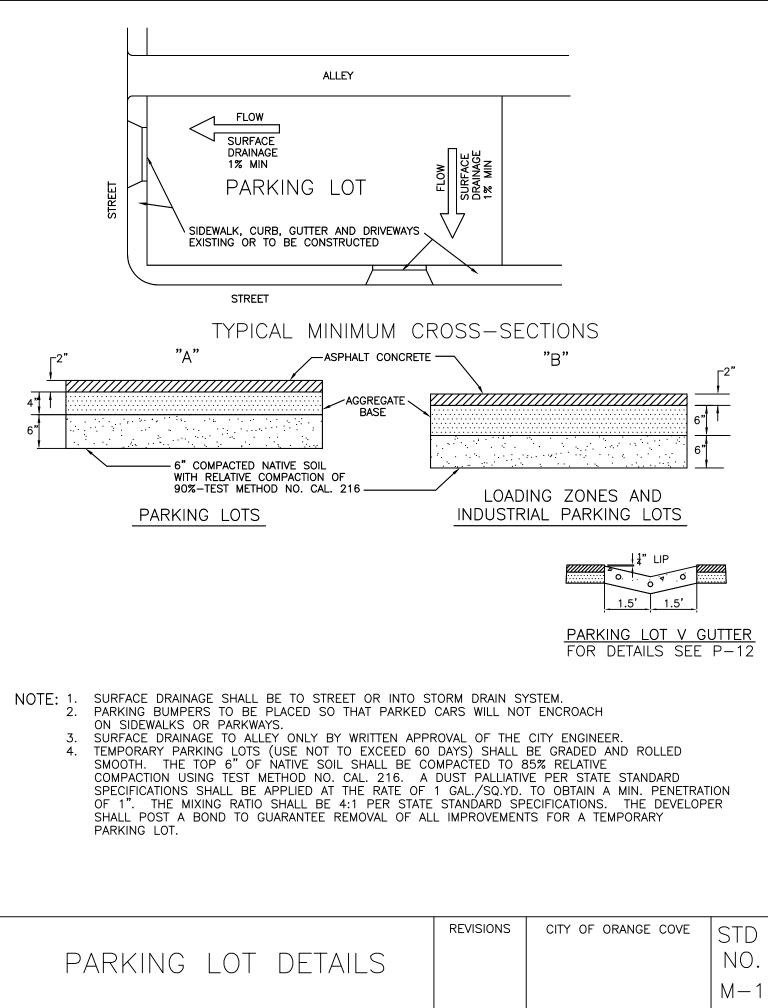


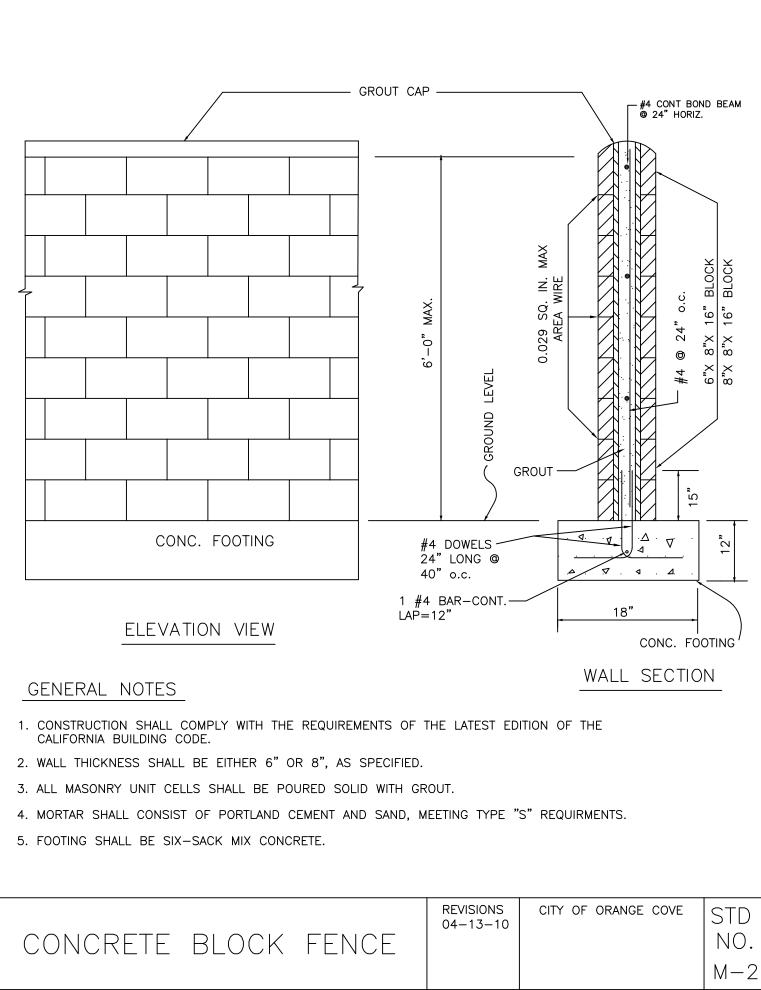


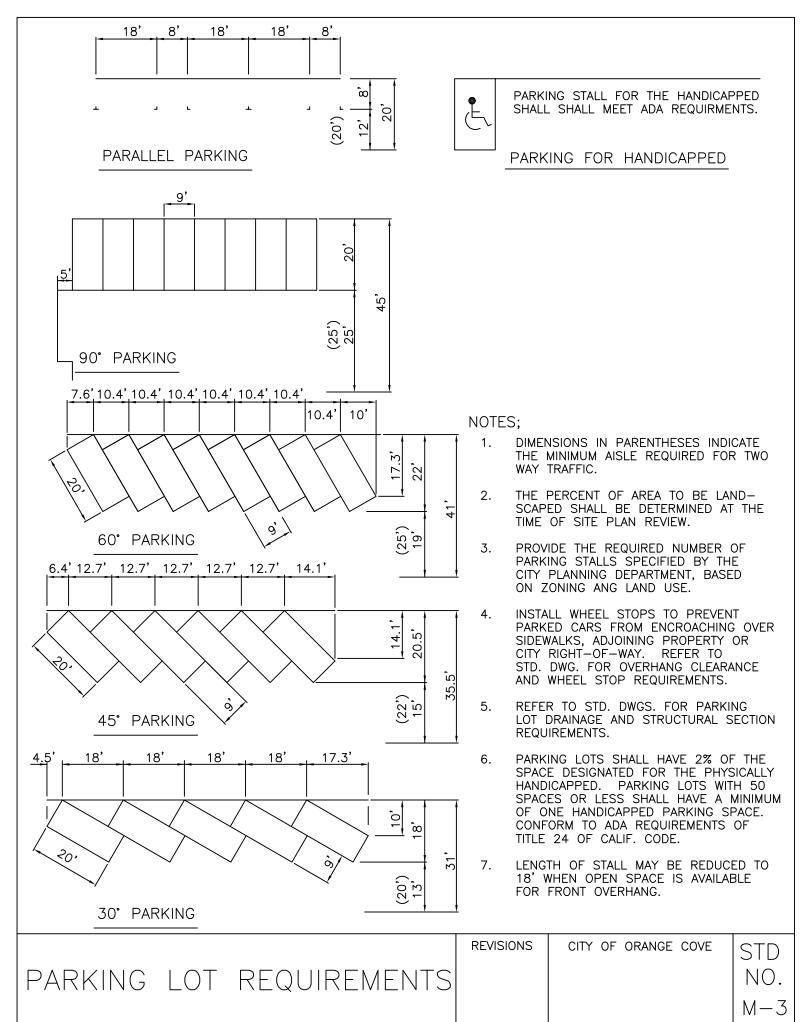




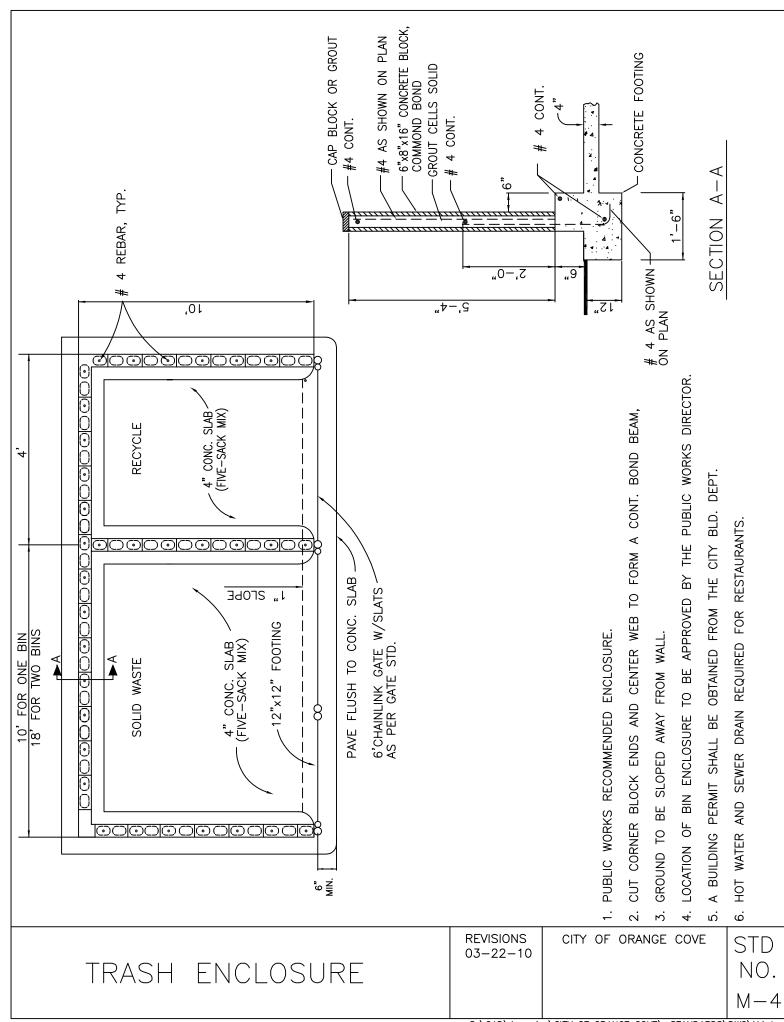


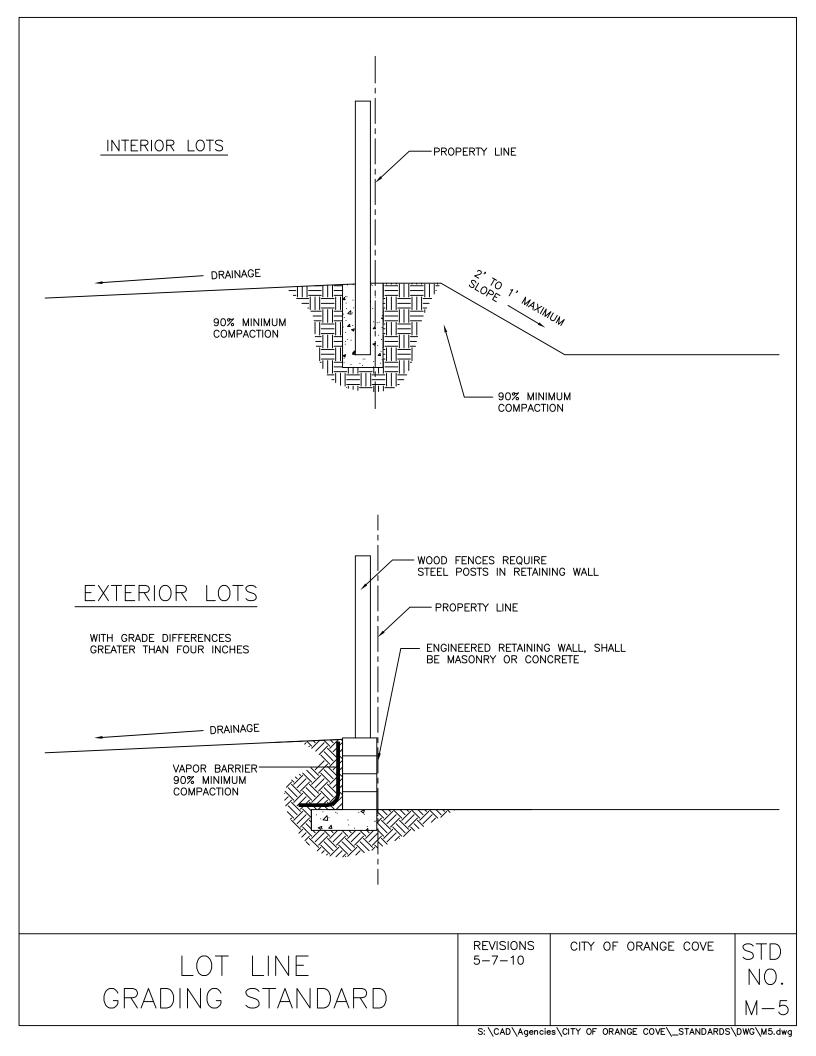


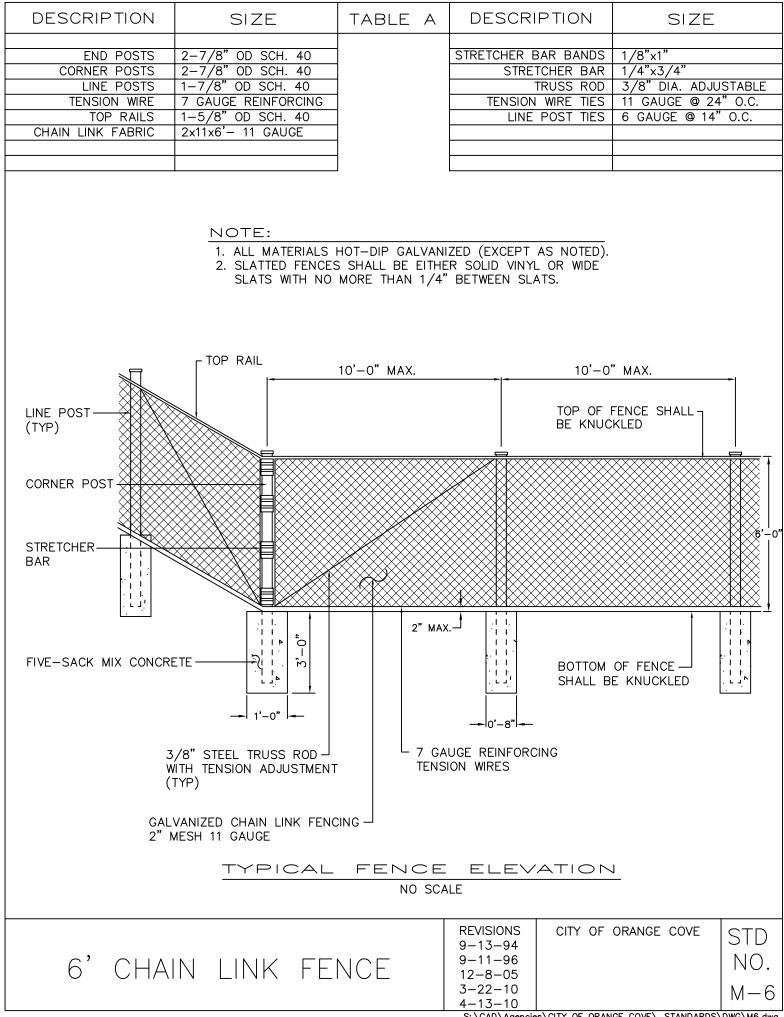




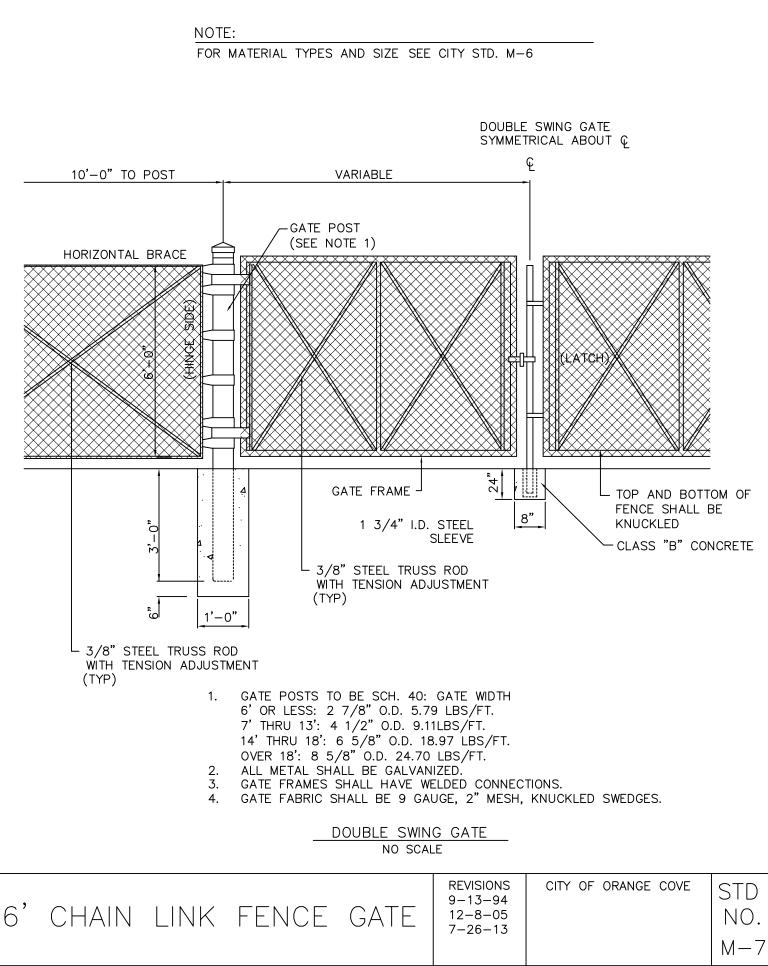
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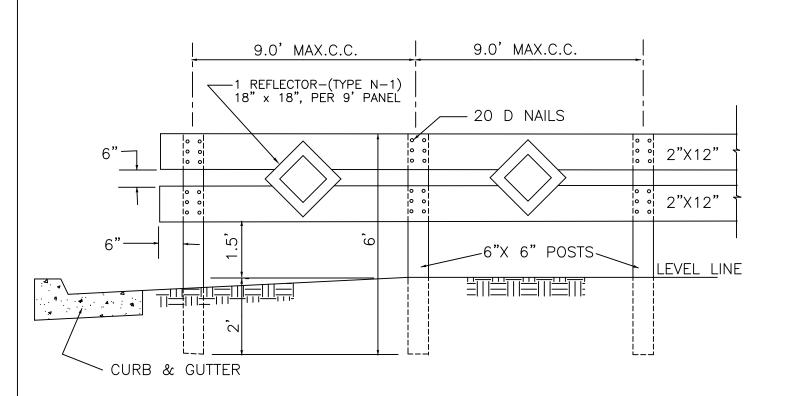






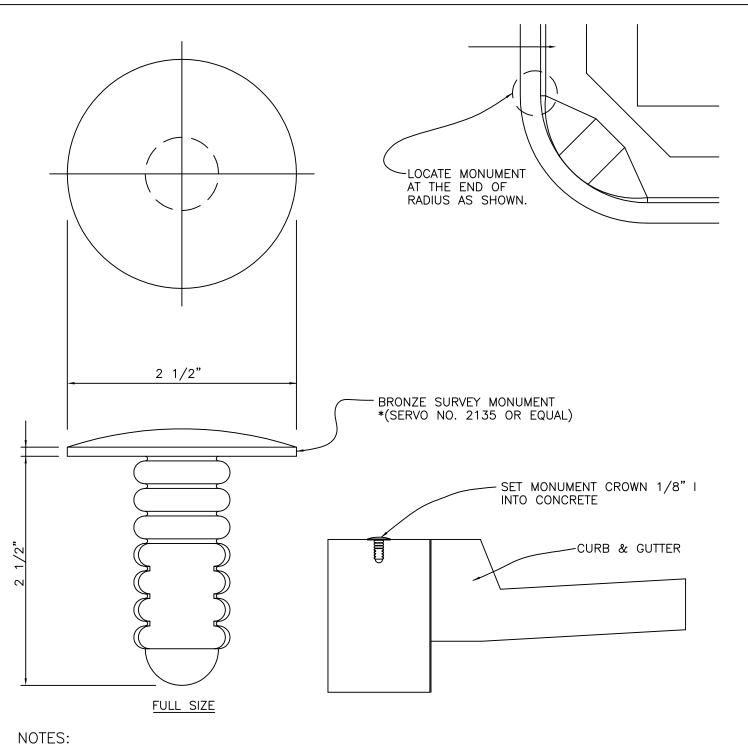
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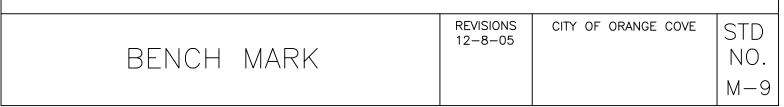


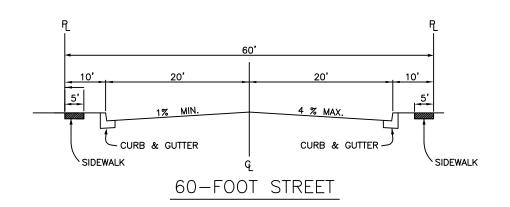
- NOTE: 1. BARRICADES MUST BE FULL WIDTH OF PAVEMENT OR TRAVELED WAY.
  - 2. APPLY TWO COATS OF EXTERIOR FLAT WHITE PAINT TO ALL EXPOSED WOOD MEMBERS.
  - 3. ANY DEVIATION FROM THE ABOVE FOR TEMPORARY INSTALLATIONS, SHALL BE SUBJECT TO APPROVAL OF THE CITY ENGINEER.
  - 4. "K" RAILS WITH REFLECTIVE MATERIAL MAY BE USED AS AN ALTERNATE BARRICADE WHEN APPROVED BY CITY ENGINEER.

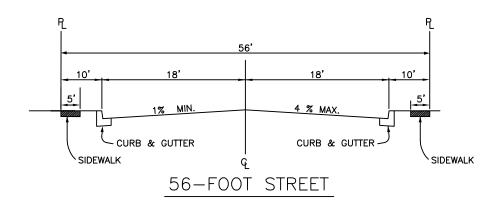
TEMPORARY TIMBER BARRICADE	REVISIONS 9-11-96	CITY OF ORANGE COVE	STD NO. M-8
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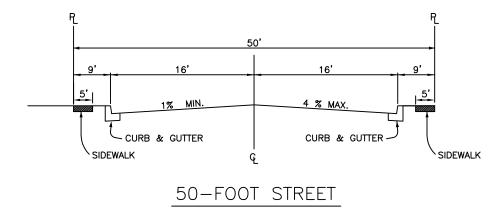


- 1. LOCATE BENCH MARKS AT THE NORTHEAST CORNER OF INTERSECTIONS APPROVED BY THE CITY ENGINEER.
- 2. COMPLETE NOTES SHOWING LOCATIONS, ELEVATIONS, AND CLOSURES SHALL BE FILED WITH THE CITY ENGINEER.
- 3. ELEVATIONS SHALL BE BASED ON U.S.G.S. DATUM.
- \* AVAILABLE AT: SERVCO, 2942 CENTURY PLACE, COSTA MESA, CA 92626





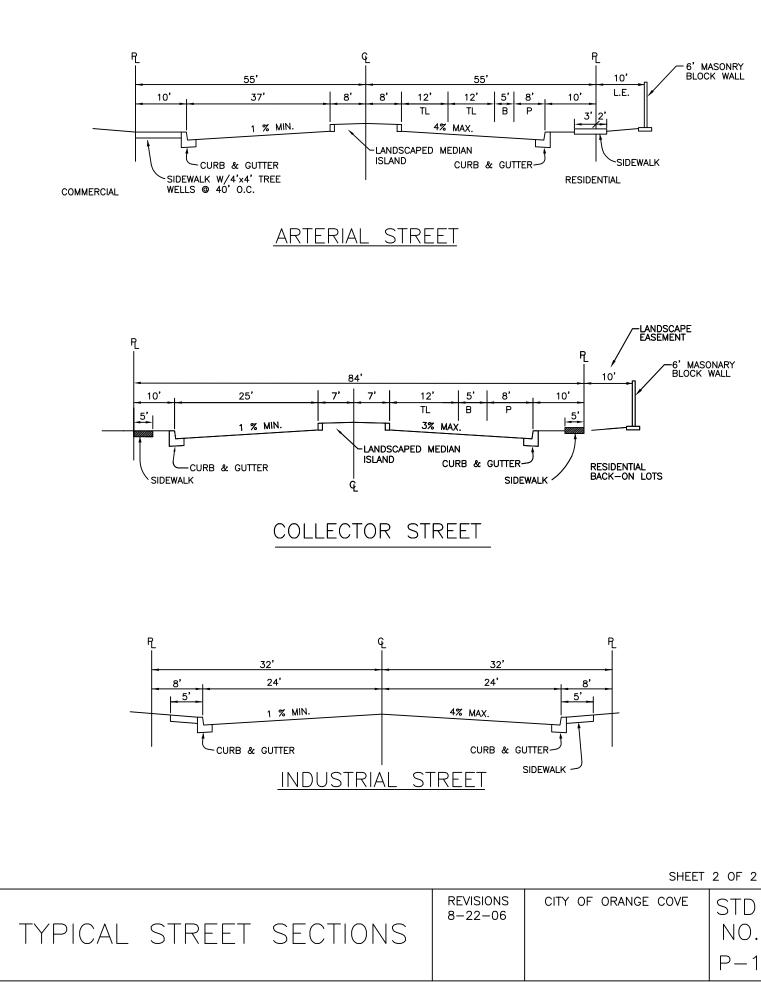


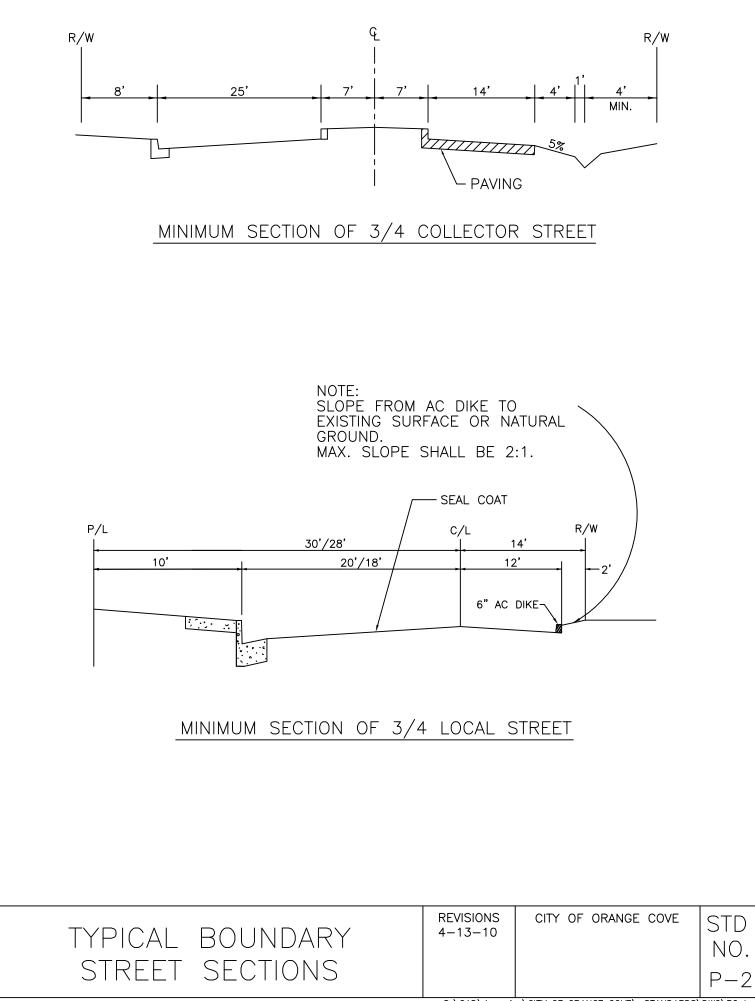


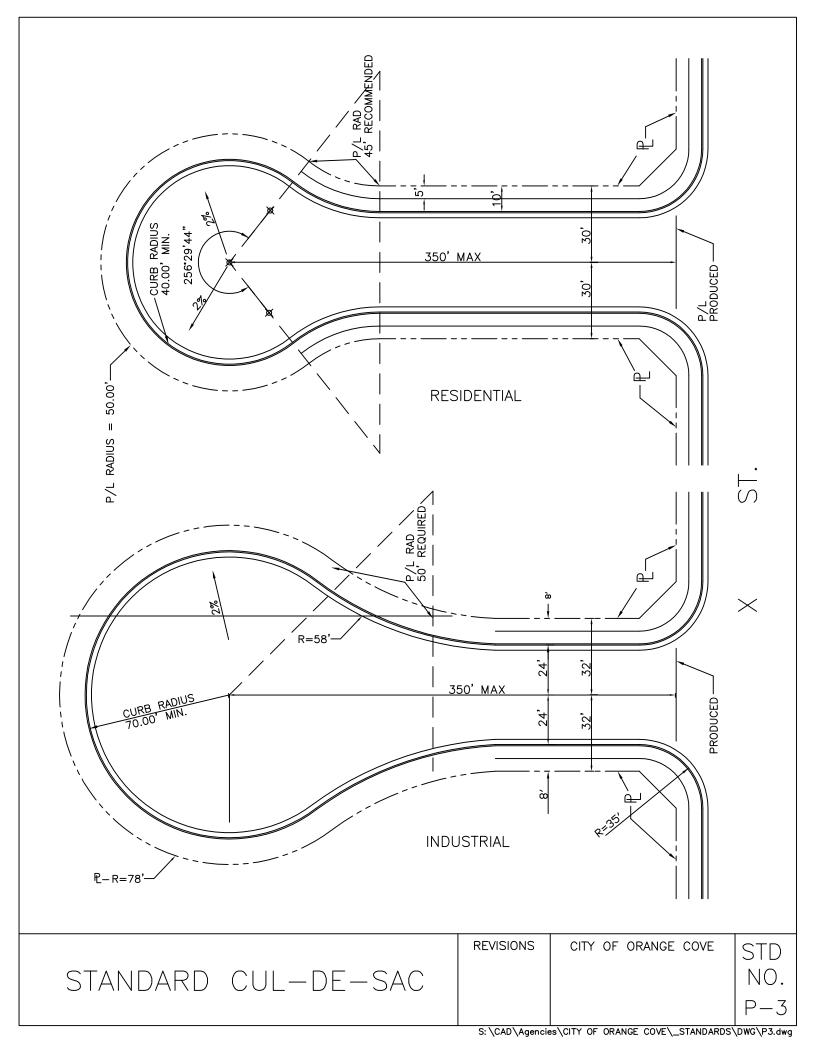
SHEET 1 OF 2

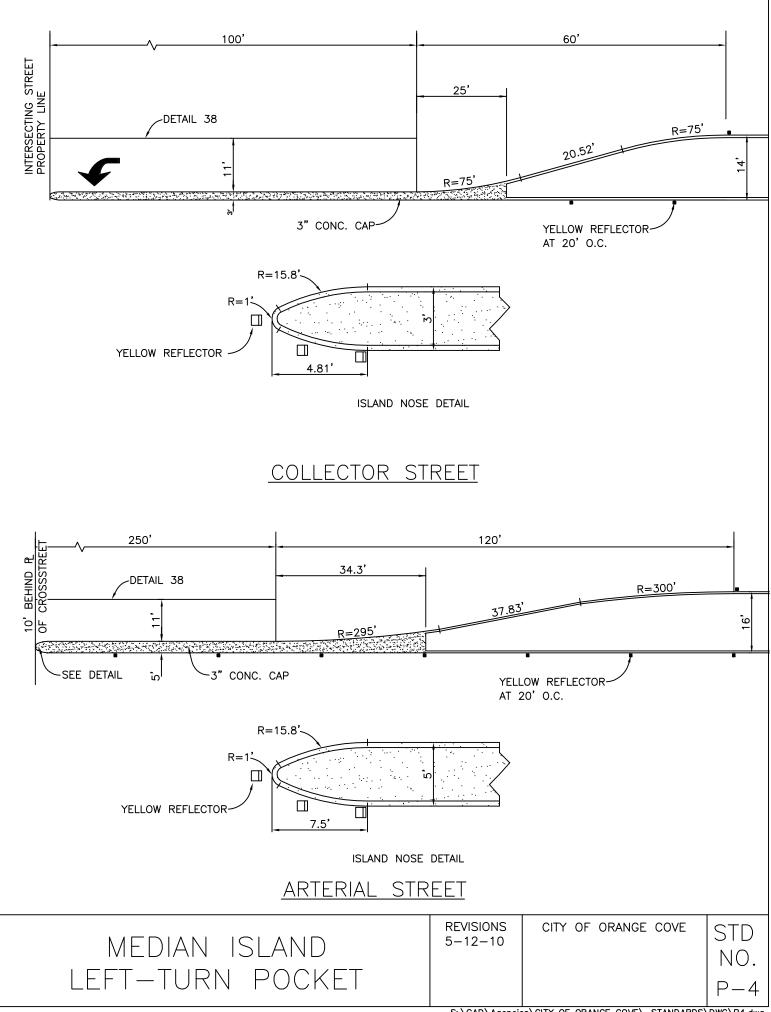
REVISIONS CITY OF ORANGE COVE STD 8-22-06 TYPICAL STREET SECTIONS NO. P-1

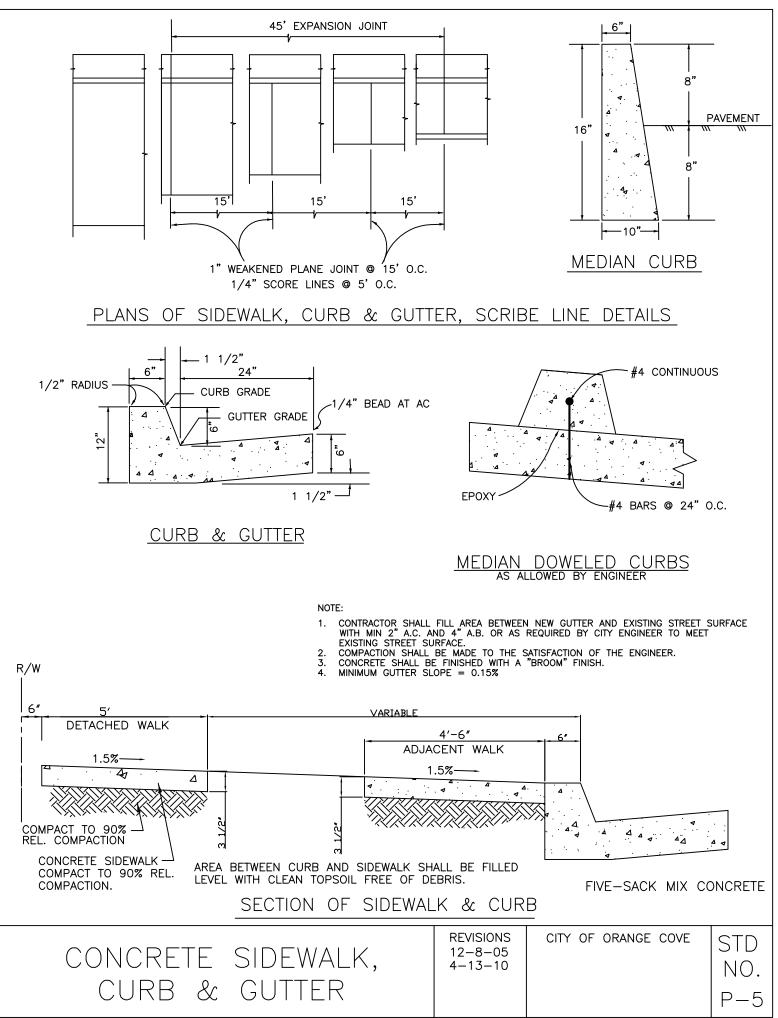
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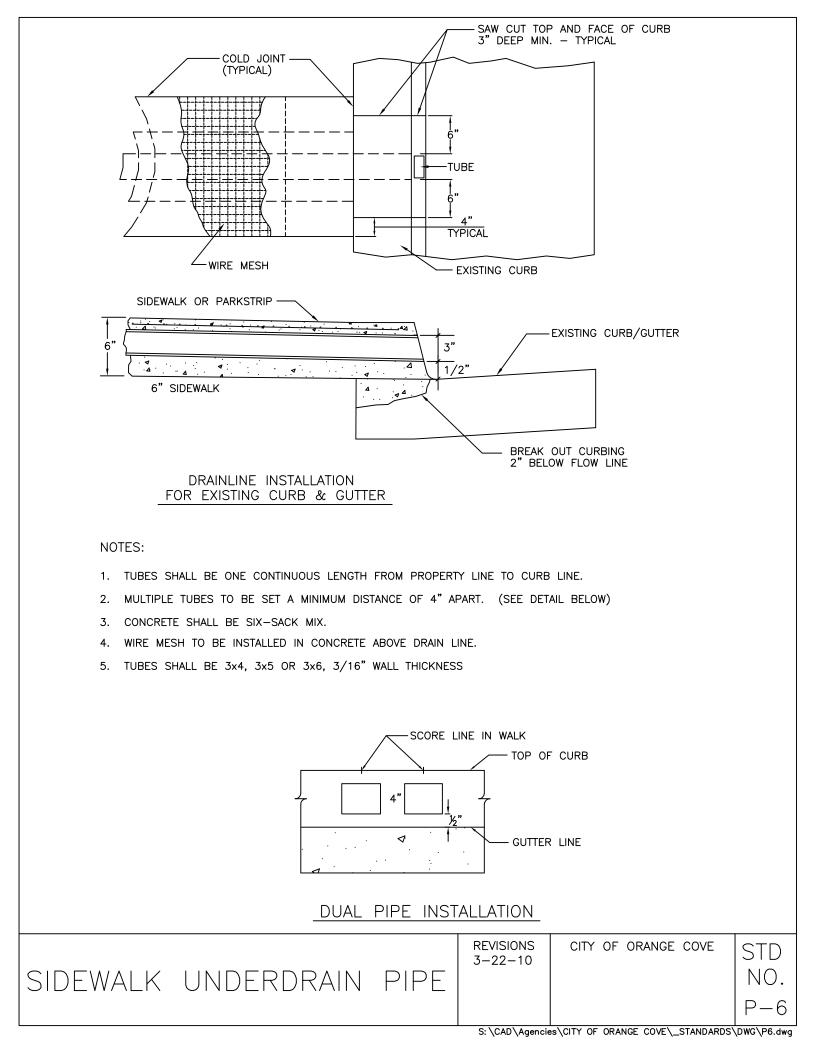


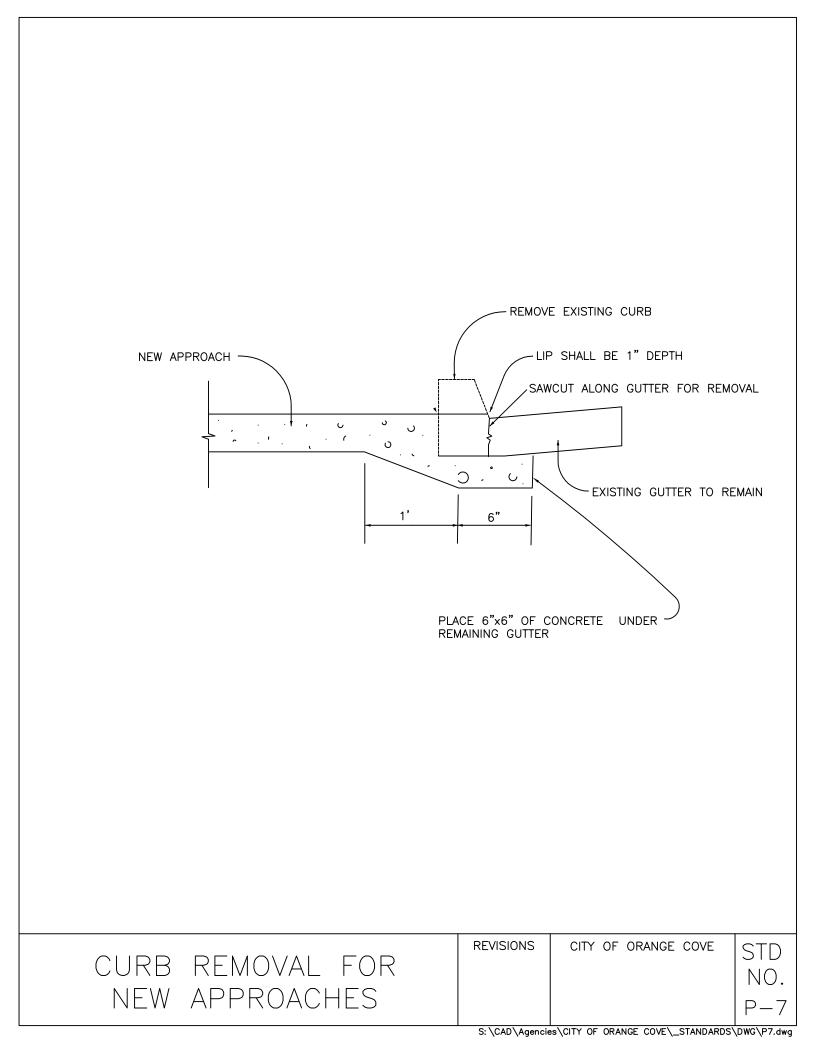


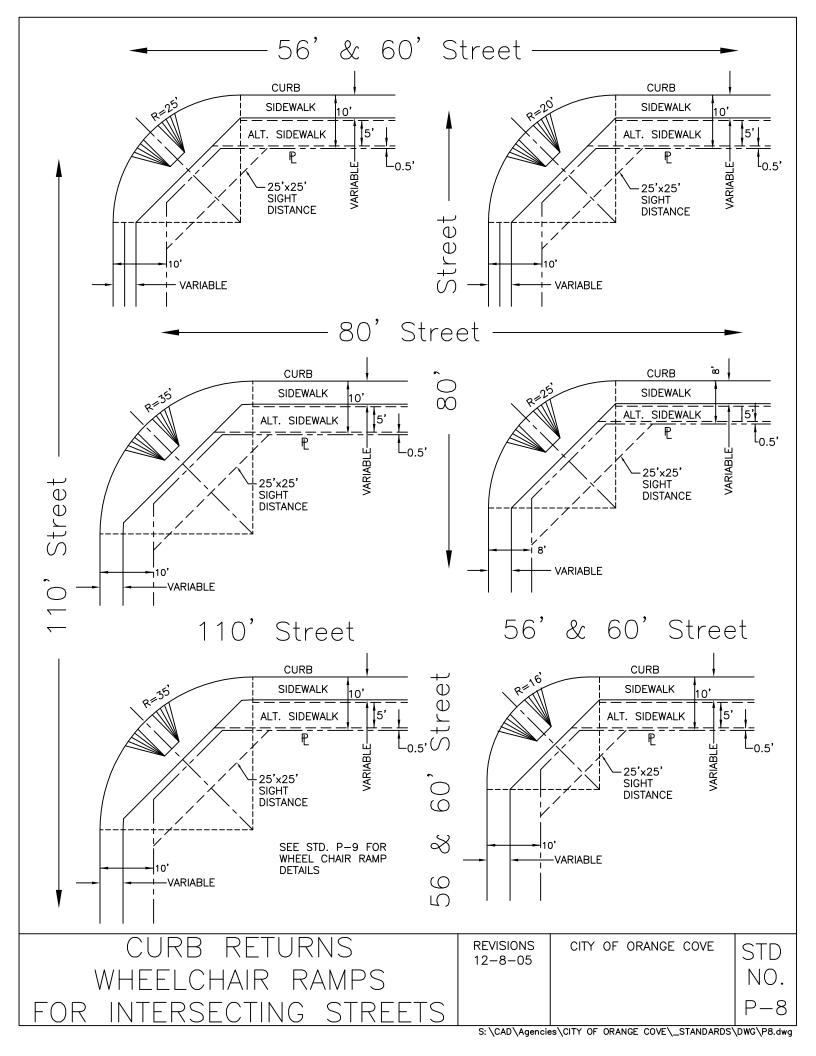


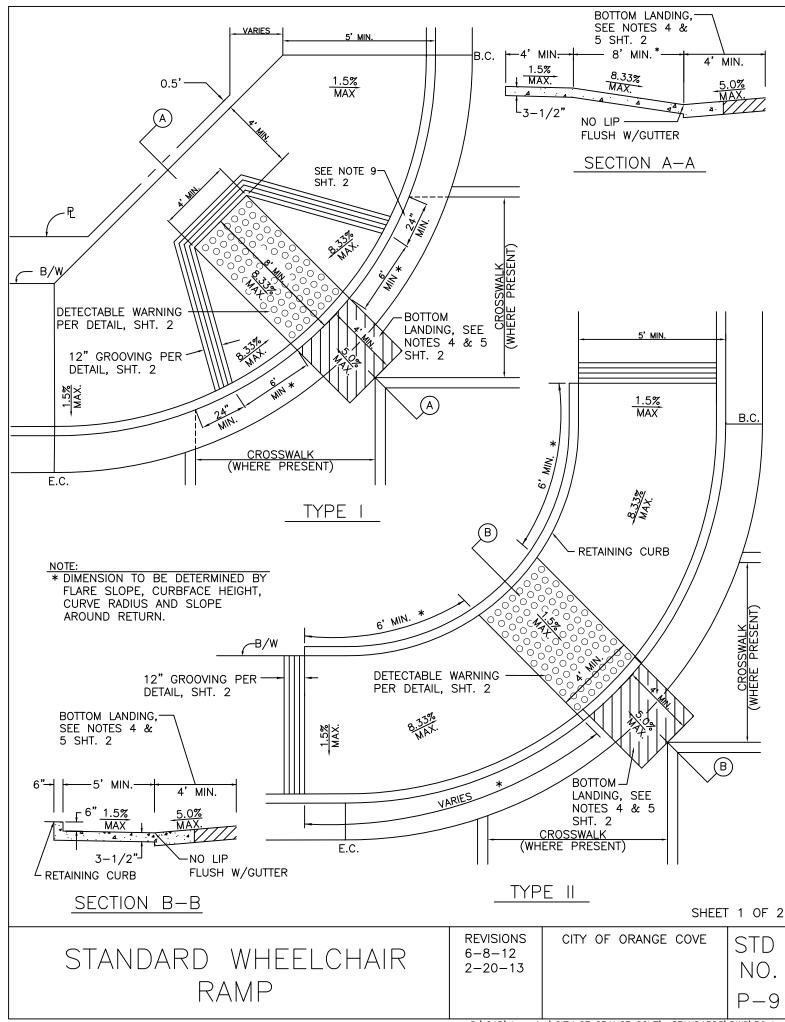


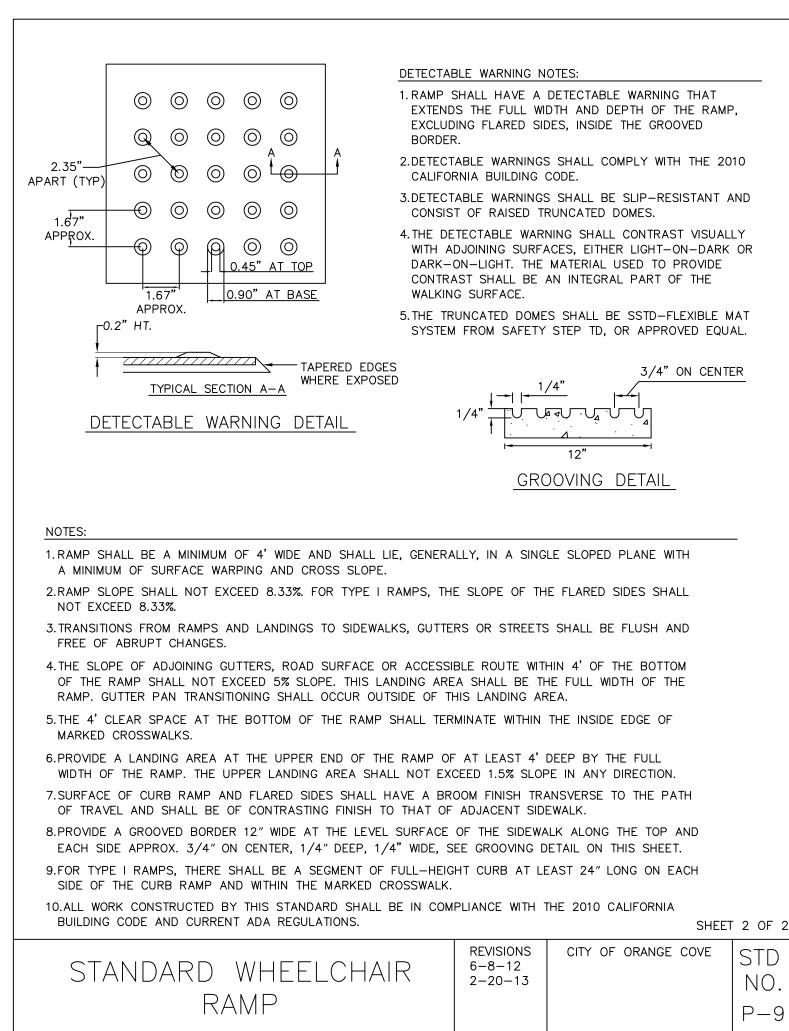




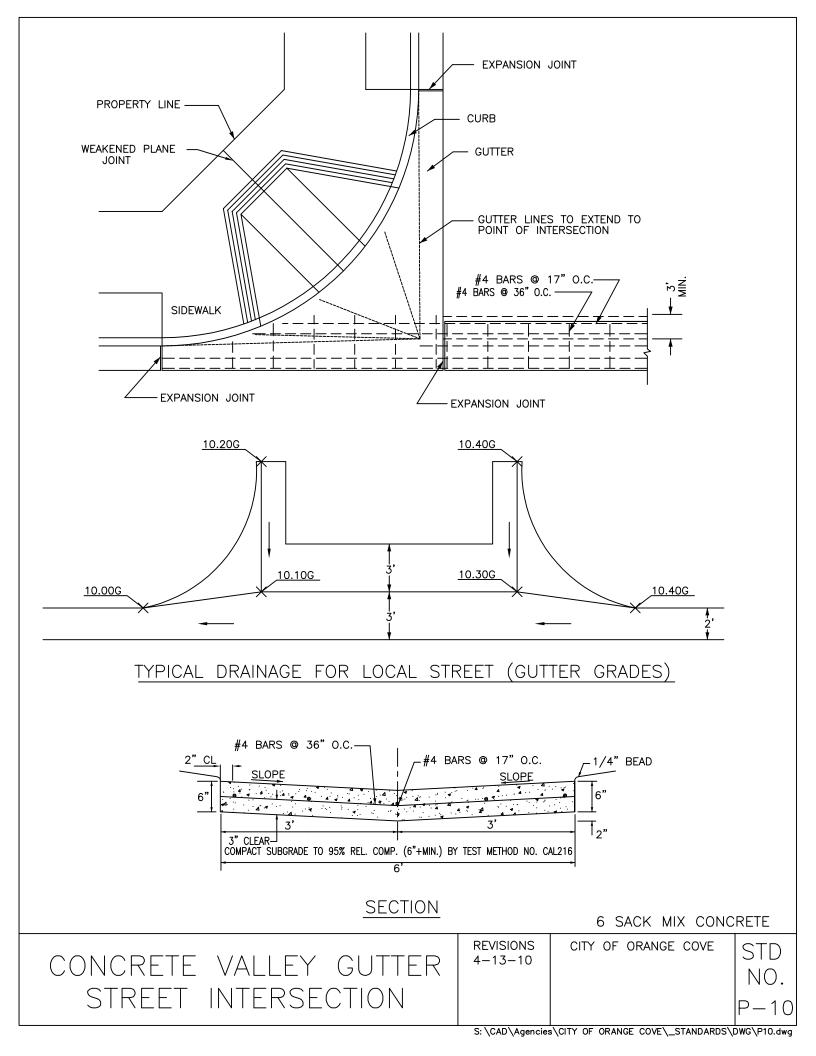


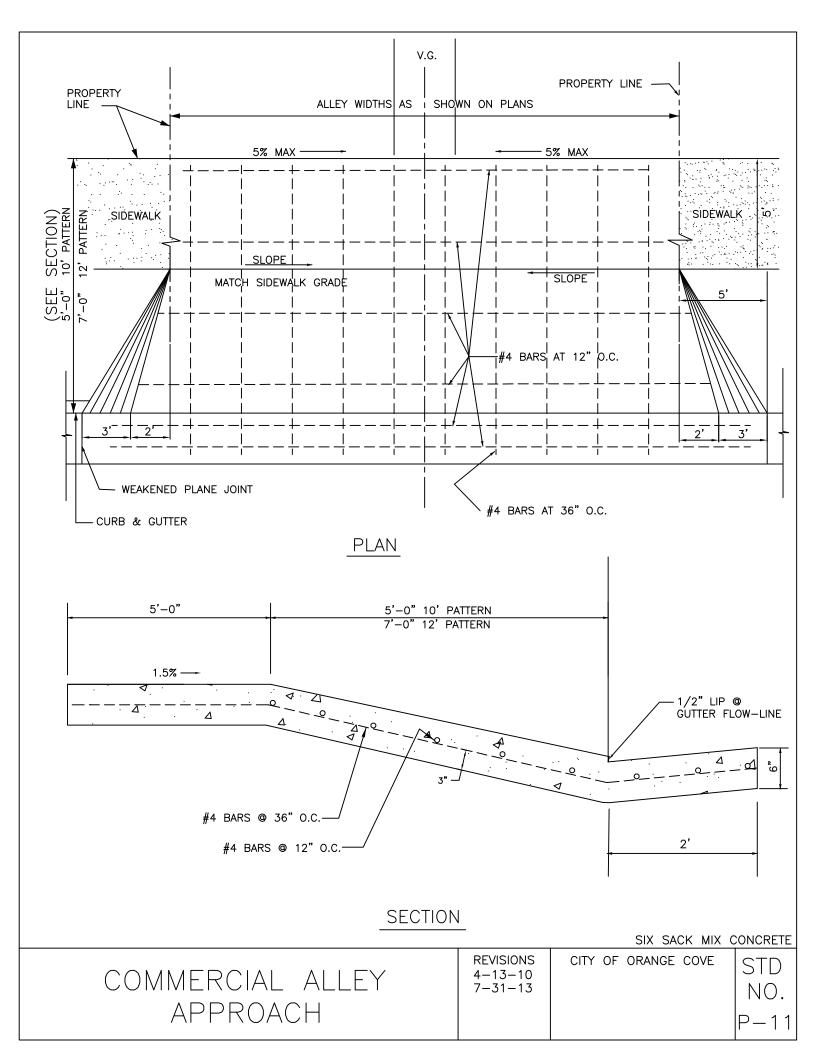


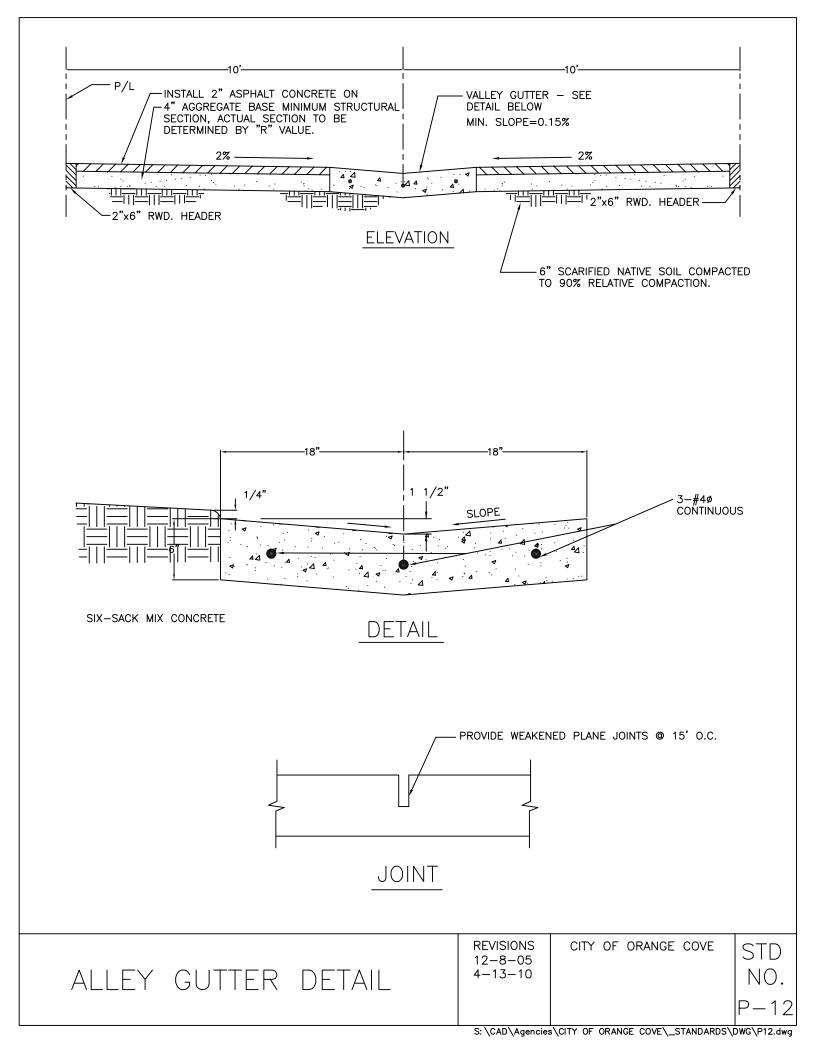


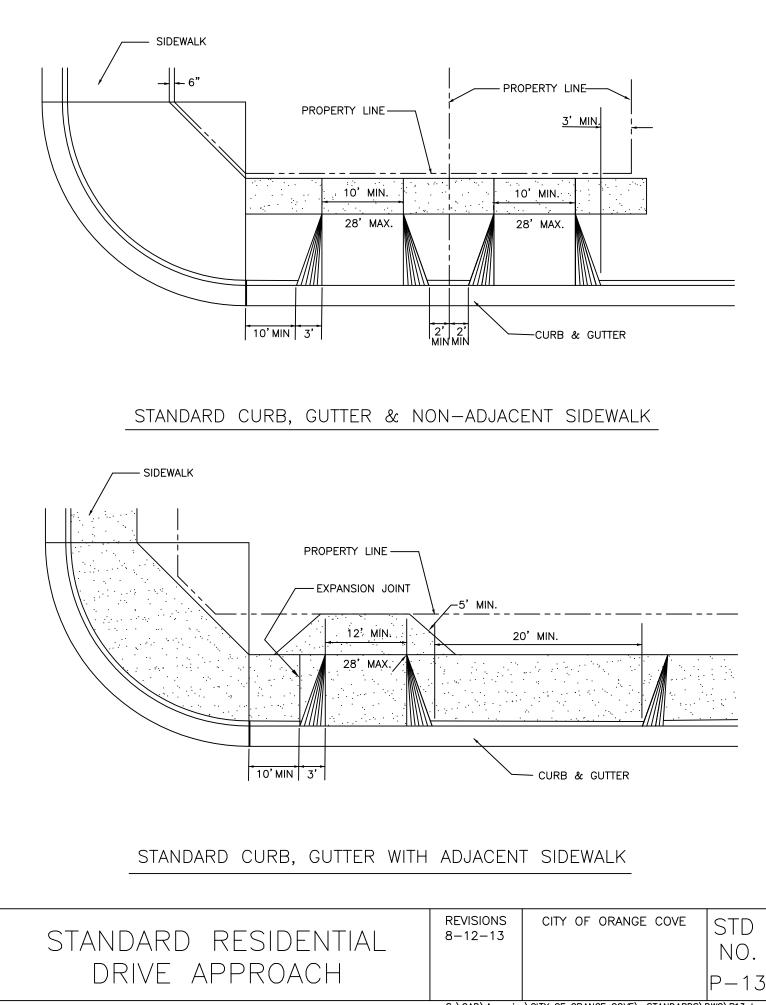


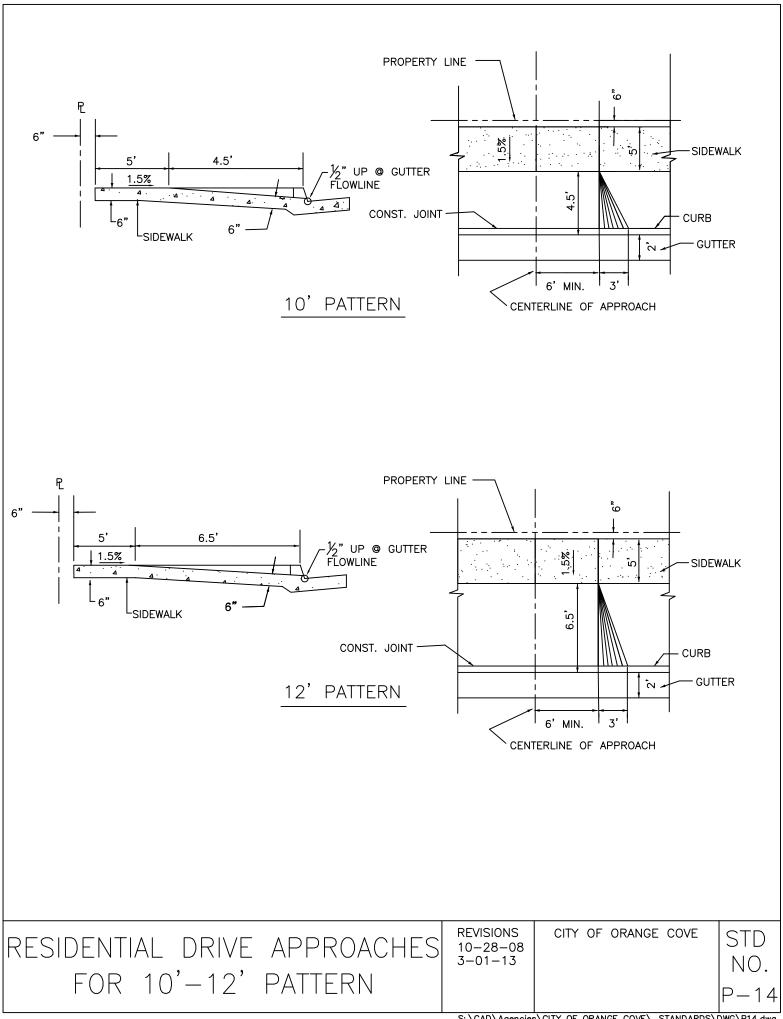
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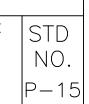




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REVISIONS 12-8-05 8-12-13

CITY OF ORANGE COVE





NOT MORE THAN 60% OF THE CURB FACE MAY BE USED FOR DRIVEWAY OPENING.

SEE DRIVE APPROACH STANDARDS

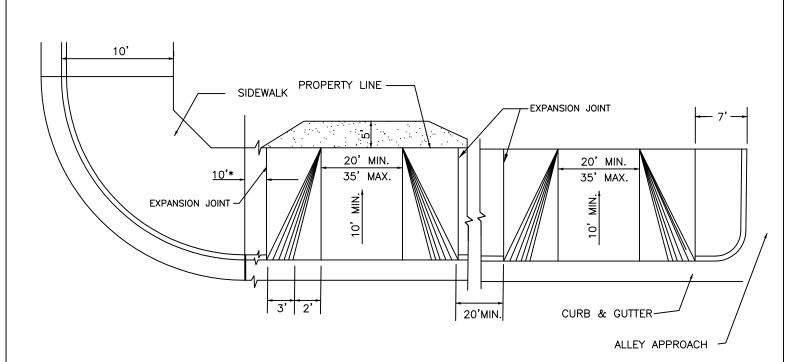
STANDARD COMMERCIAL

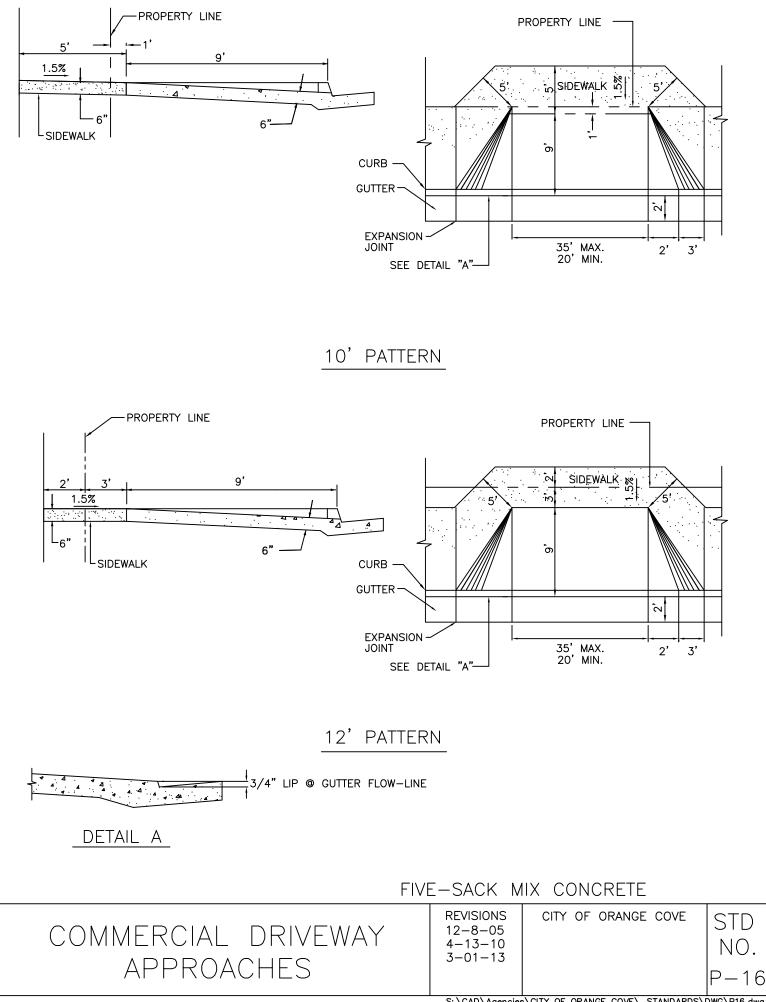
DRIVE APPROACH

NOTE:

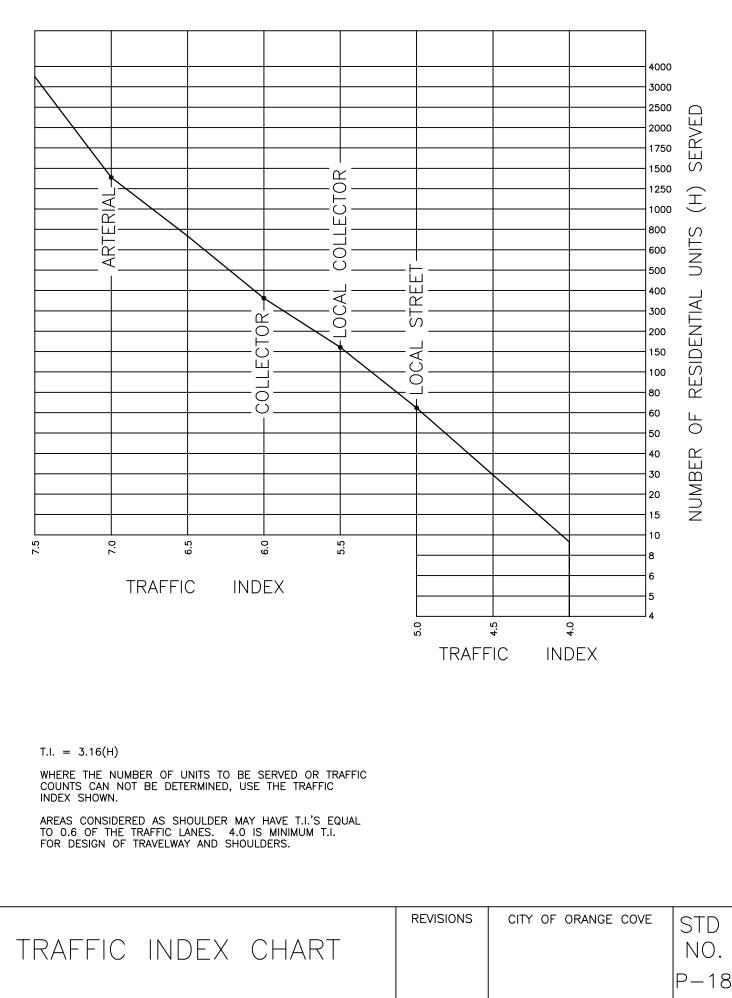


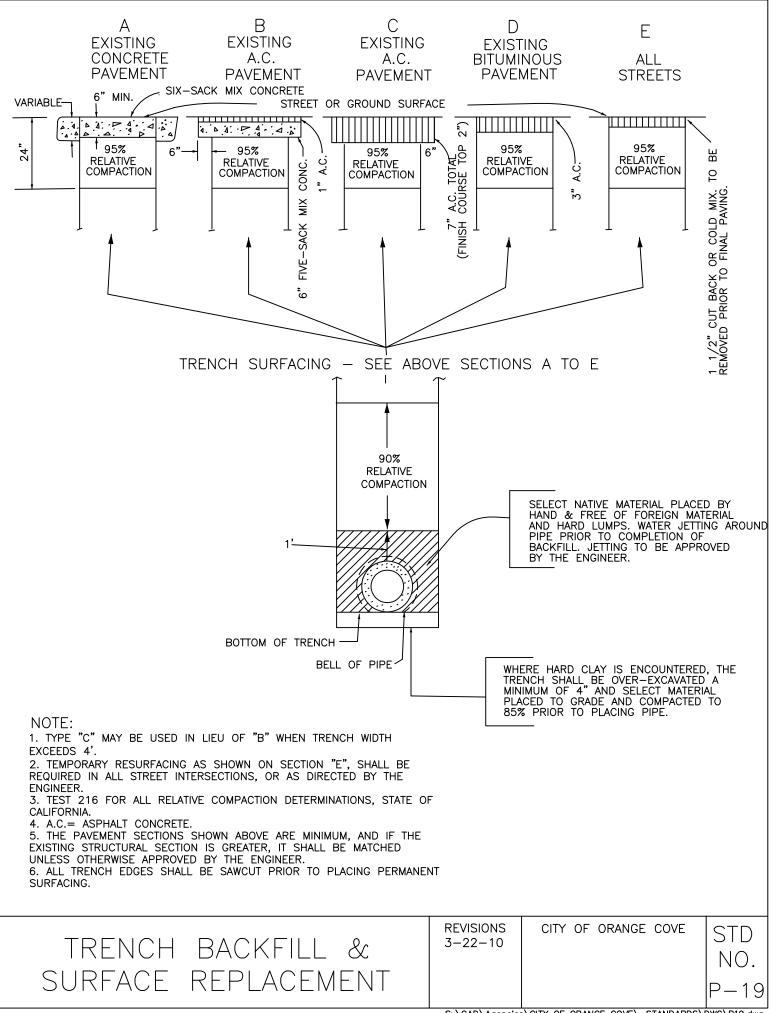
STANDARD COMMERCIAL CURB, GUTTER AND SIDEWALK

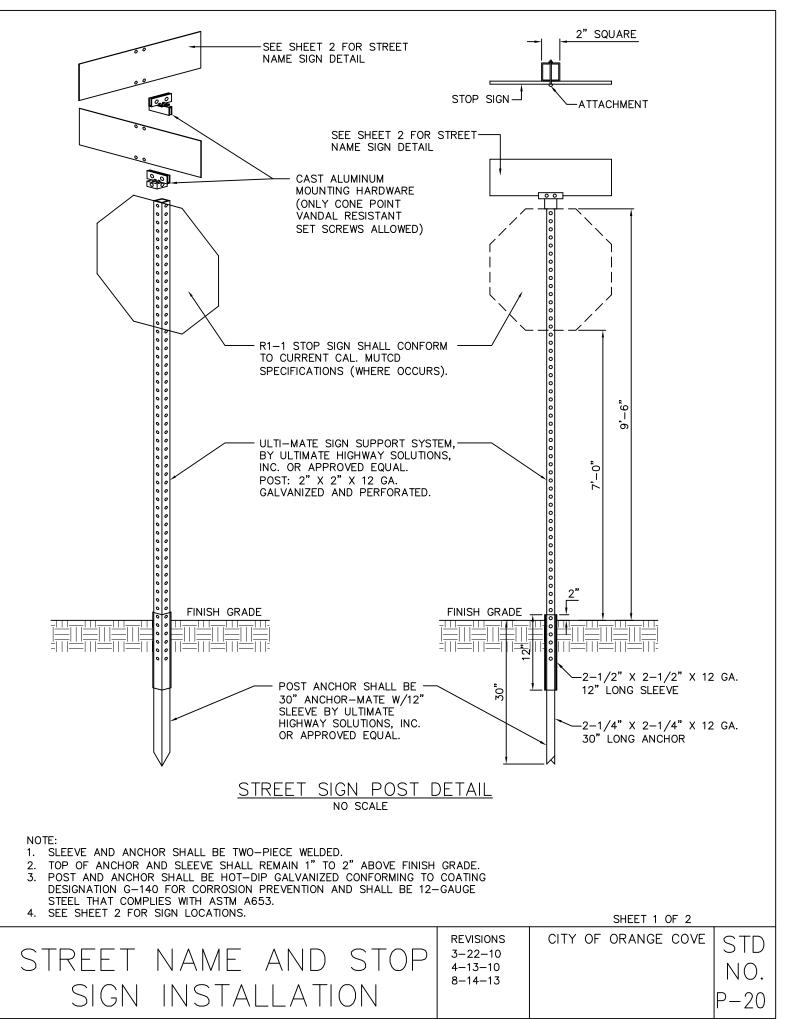


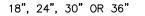


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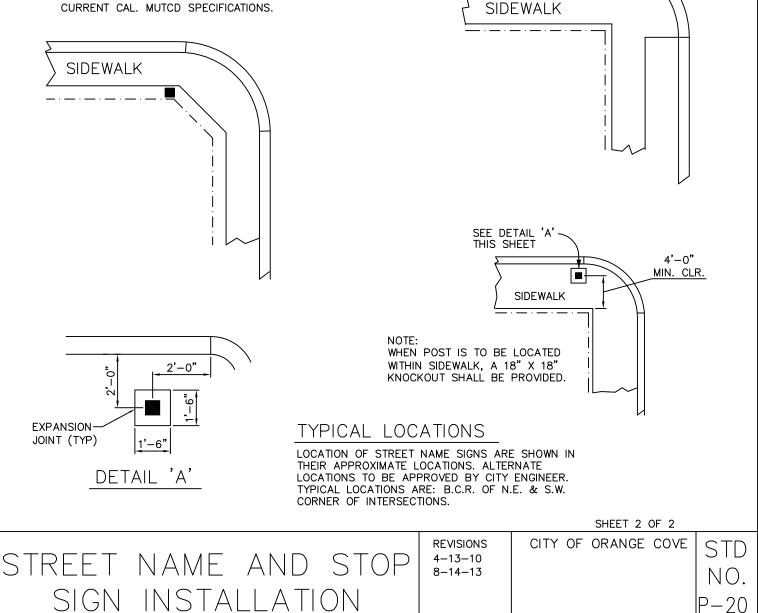


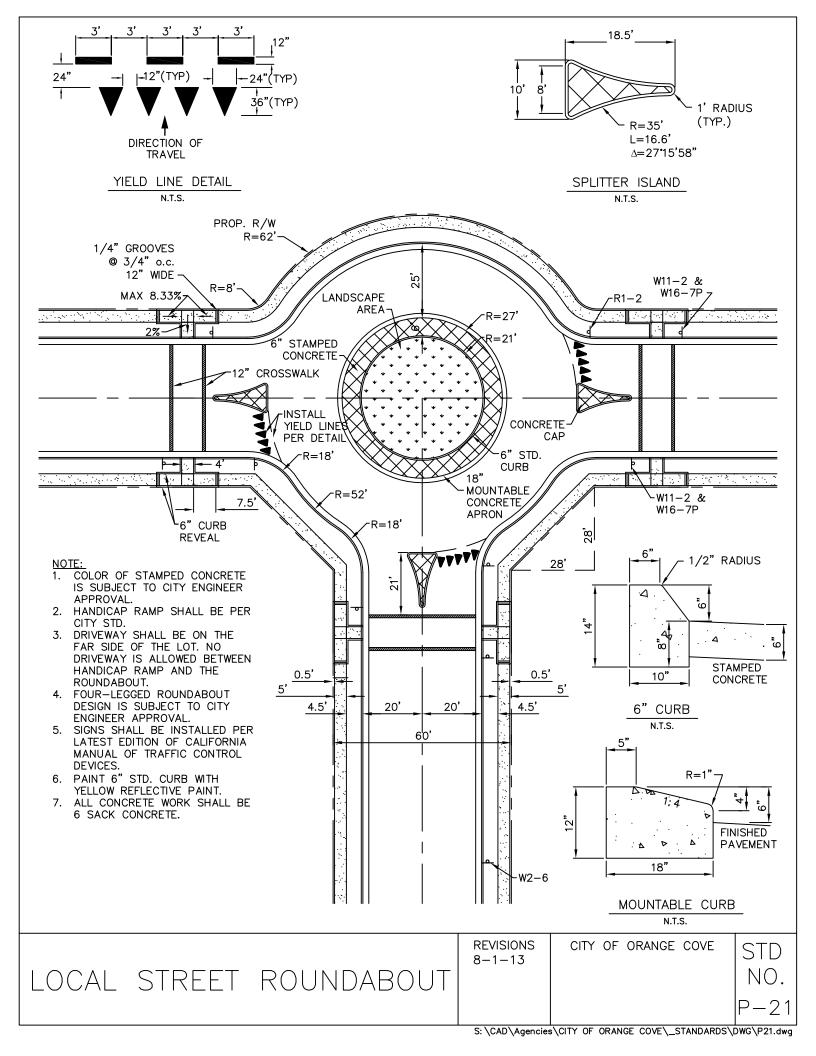
## AVE

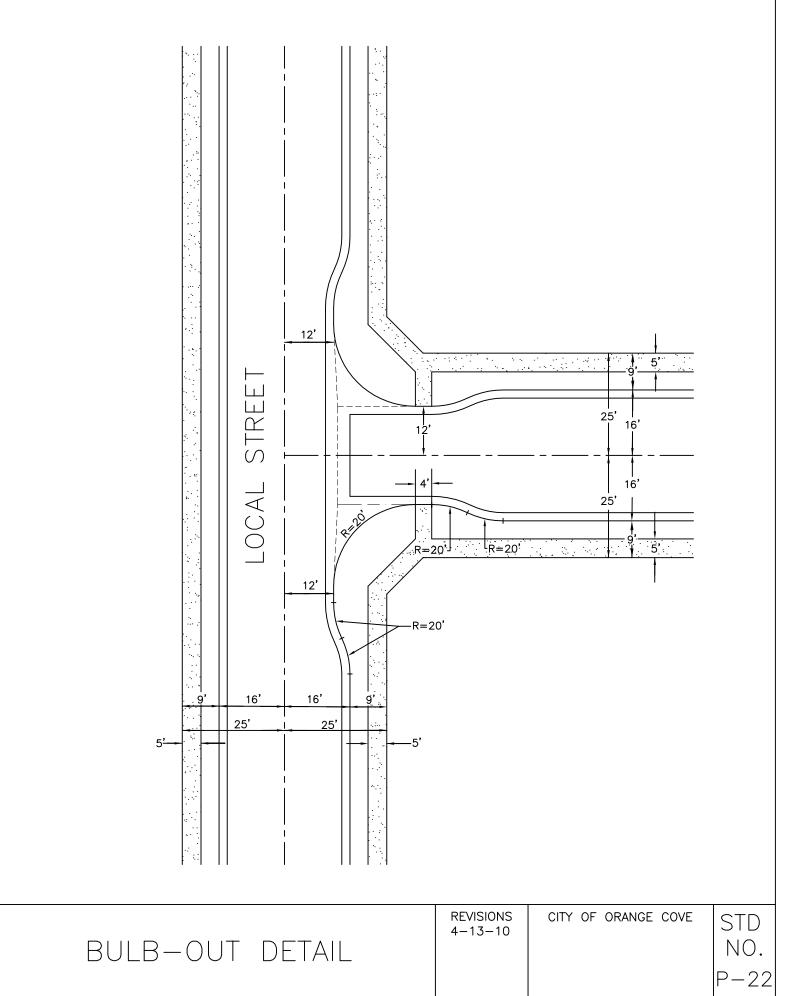
PARK STRIP

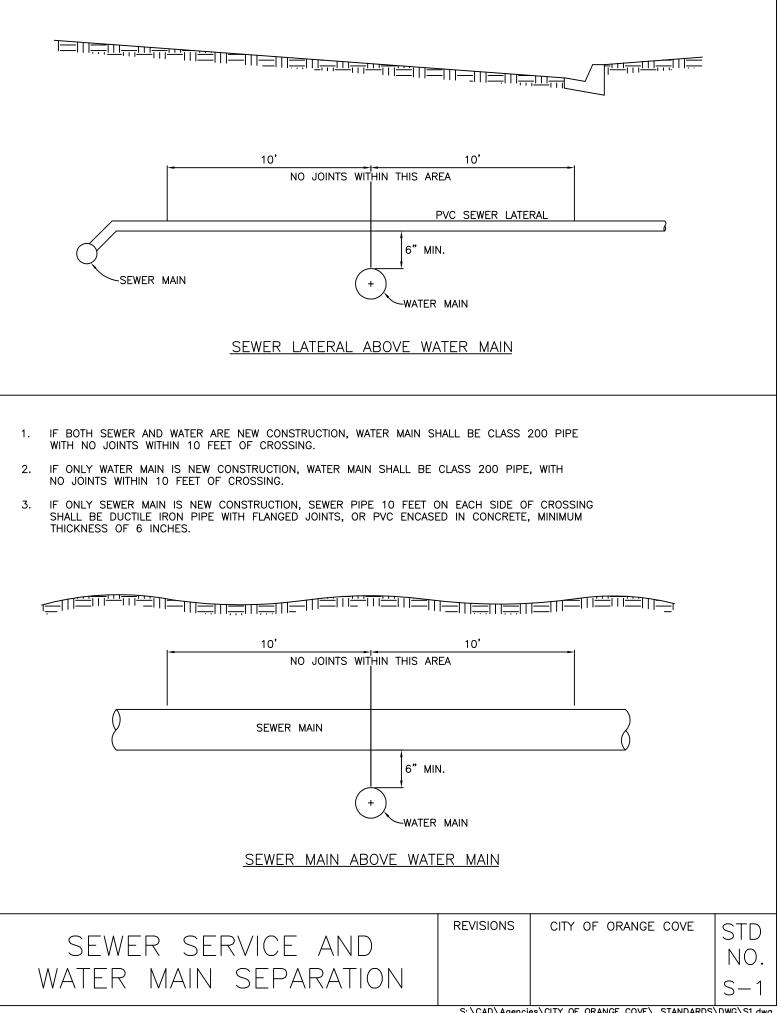
SIGN NOTES:

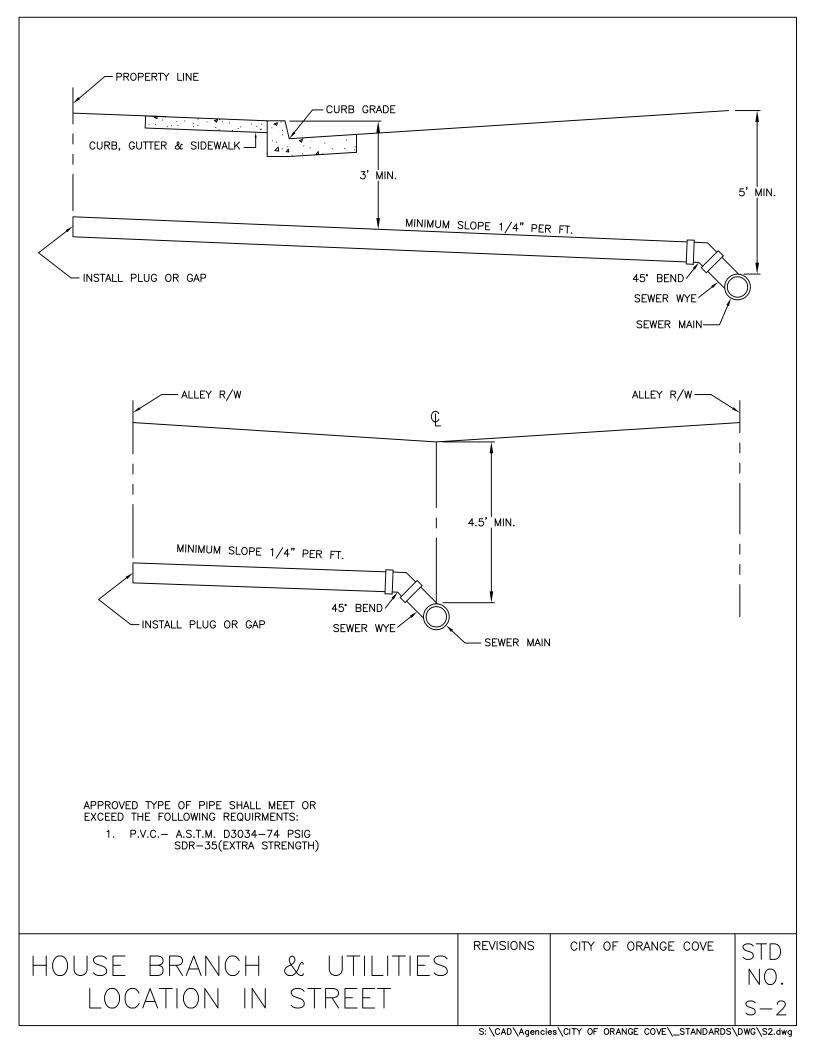
- 1. SIGN TO BE SINGLE BLADE DOUBLE FACED FINISH WITH NAME ON BOTH SIDES.
- SIGNS SHALL BE 14 GA. FLAT NON-EXTRUDED SIGN BLADE 2. MADE OF ALUMINUM ALLOY.
- 3. FINISH SHALL BE ENGINEERING GRADE (EG) TYPE 1 RETRO-REFLECTIVE SHEETING, GREEN BACKGROUND WITH WHITE LETTERS AND CITY LOGO ON THE LEFT SIDE.
- 4. SIGNS TO BE COVERED WITH AVERY DENNISON OL-1000 PREMIUM ANTI-GRAFFITI FILM OR APPROVED EQUAL.
- 5. SIGN-TO-SIGN BRACKET SHALL BE 90° CROSSPIECE THAT WILL ACCOMMODATE THE 14 GA. SIGN BLADE.
- 6. STREET SIGNS TO BE SIGNMAX OR APPROVED EQUAL.
- 7. STOP SIGNS TO BE 30" OCTAGON AND SHALL CONFORM TO CURRENT CAL. MUTCD SPECIFICATIONS.



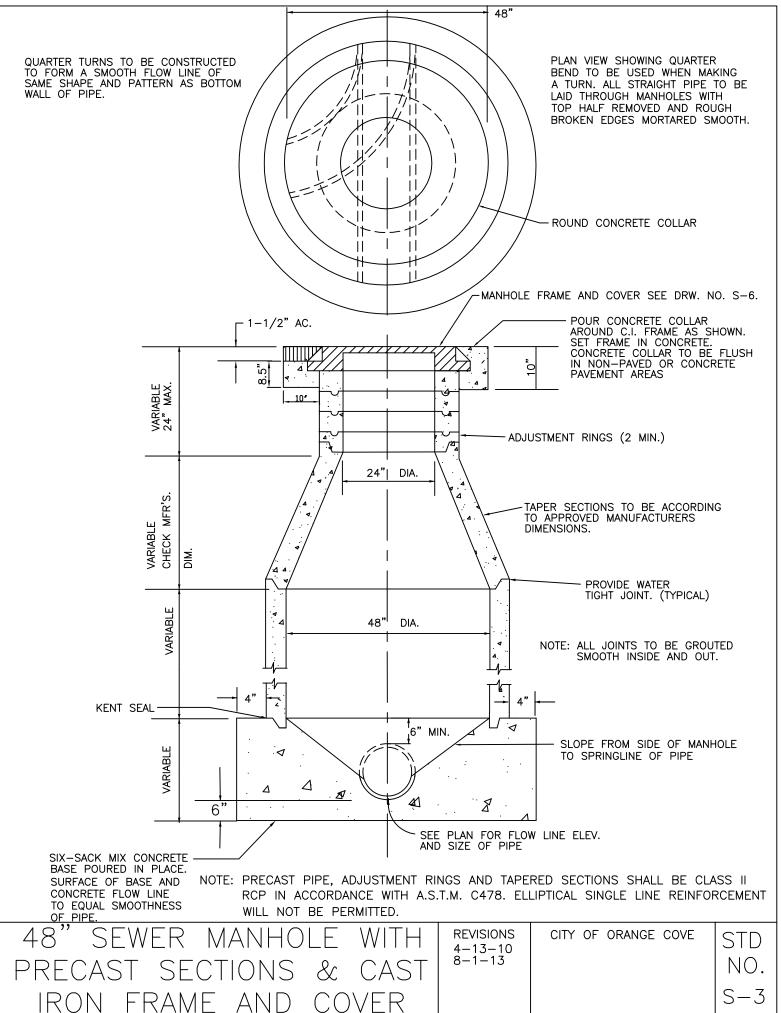


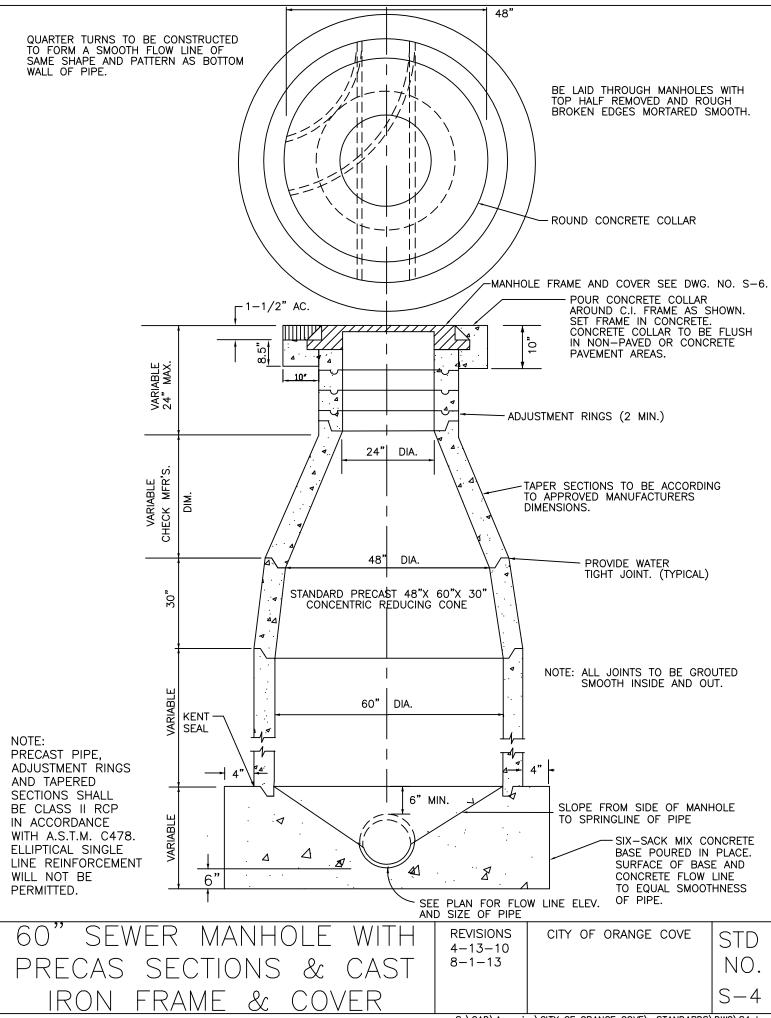


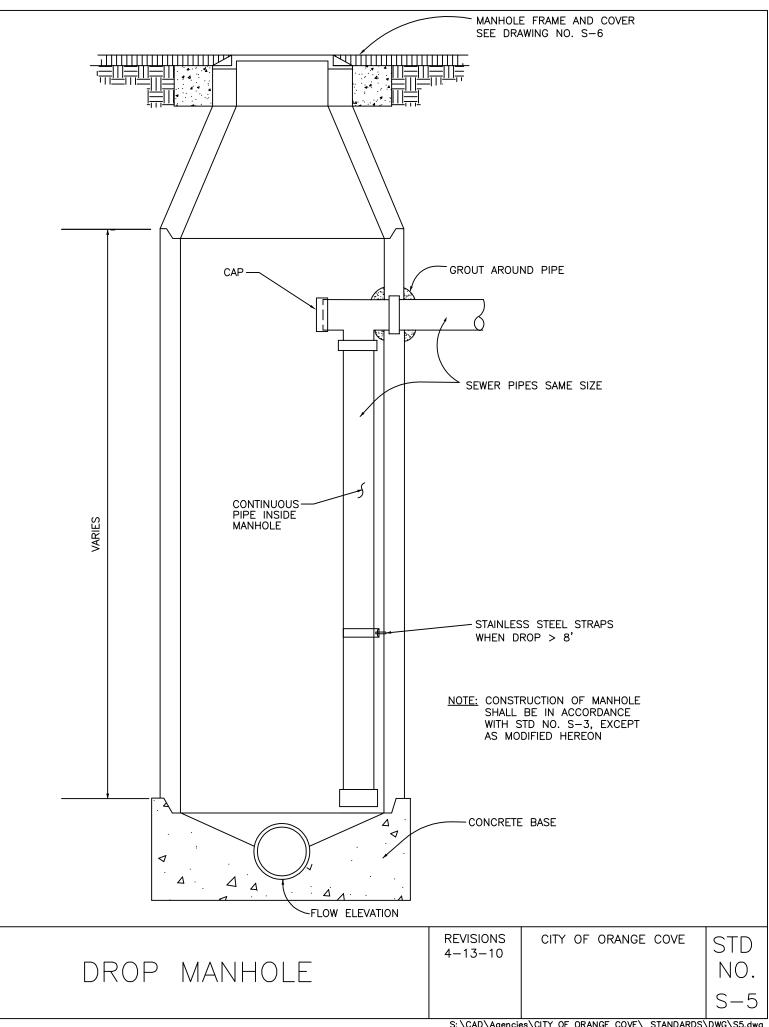


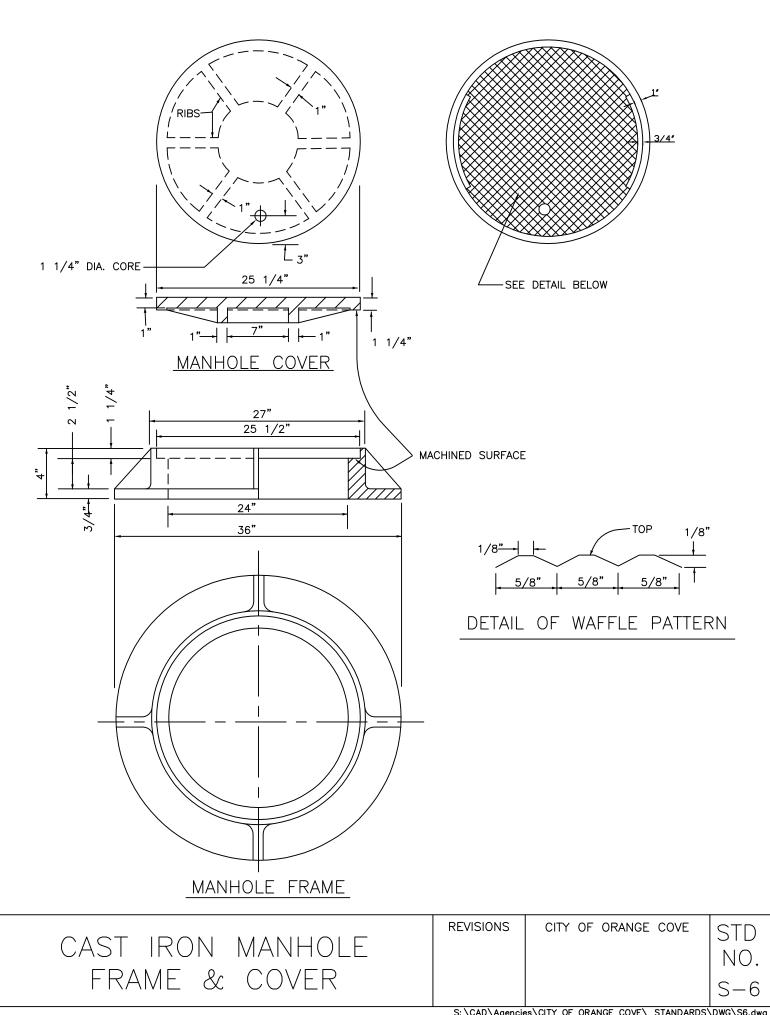


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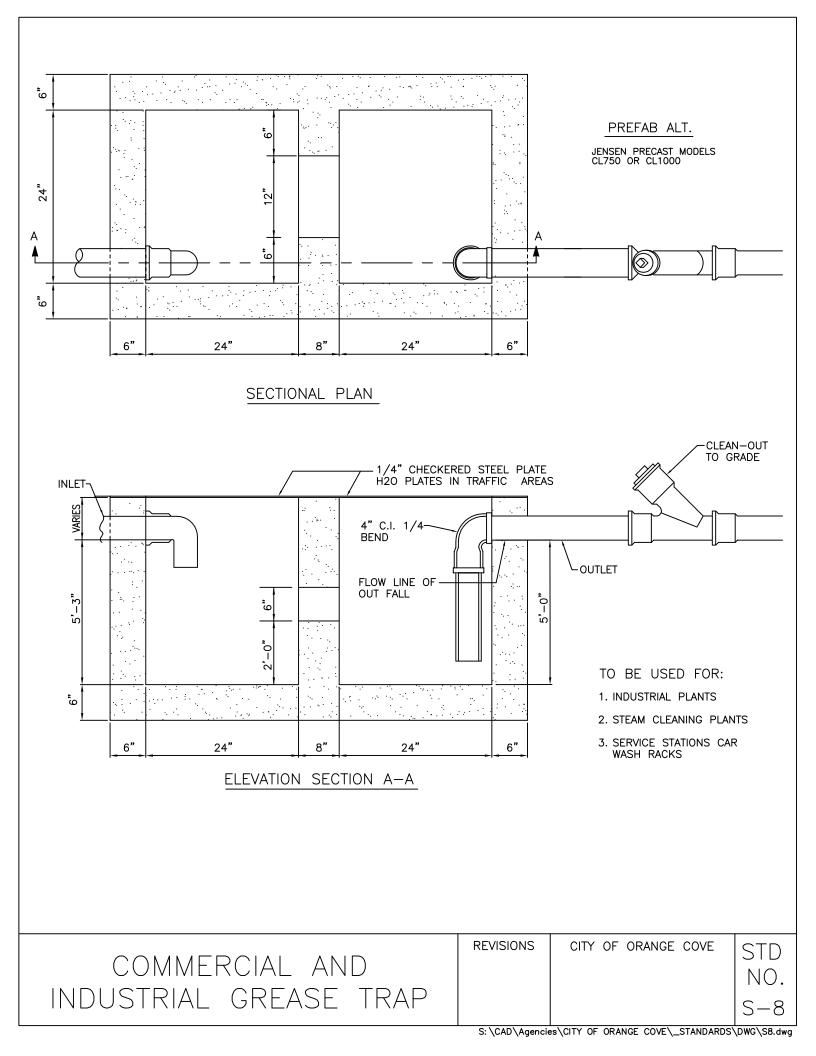


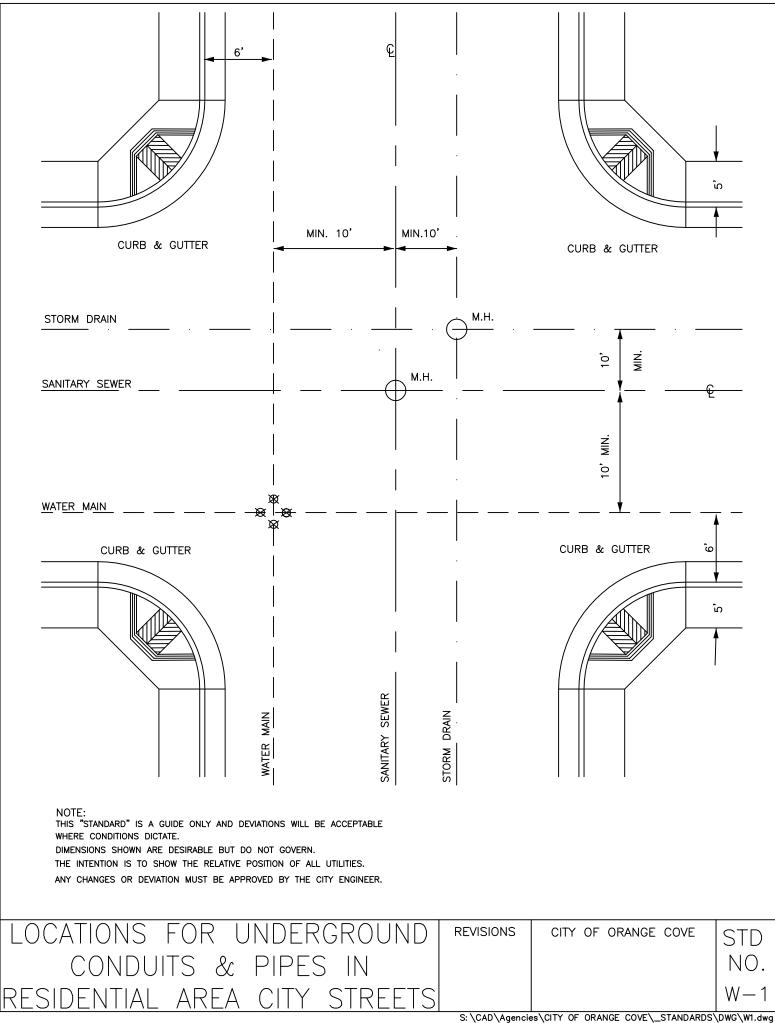


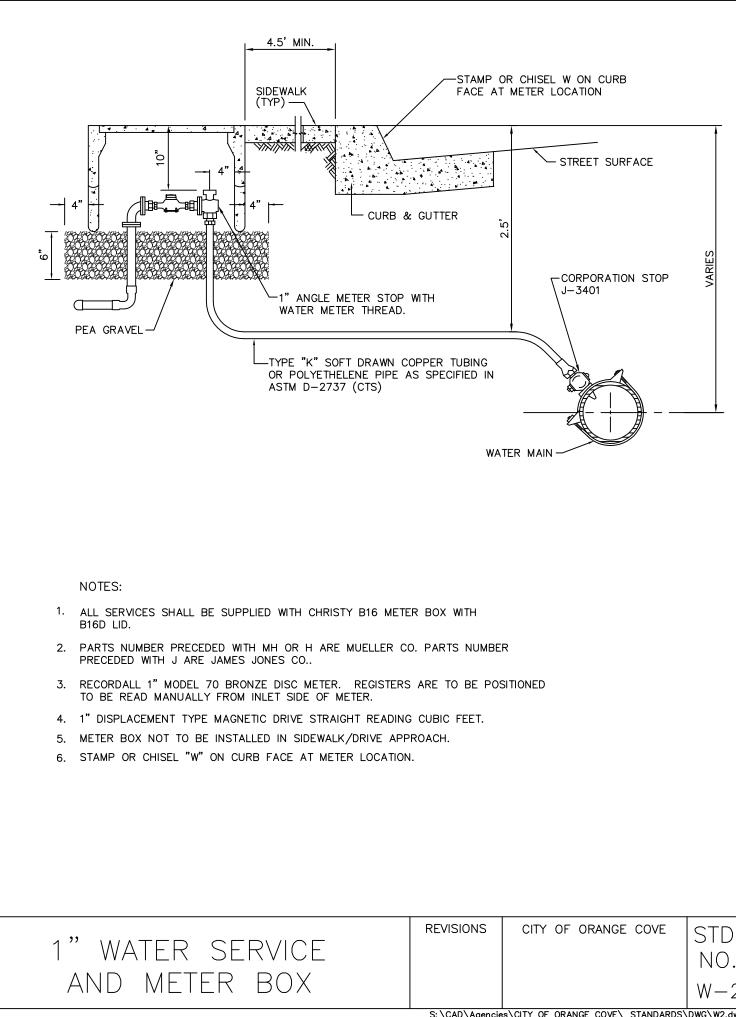


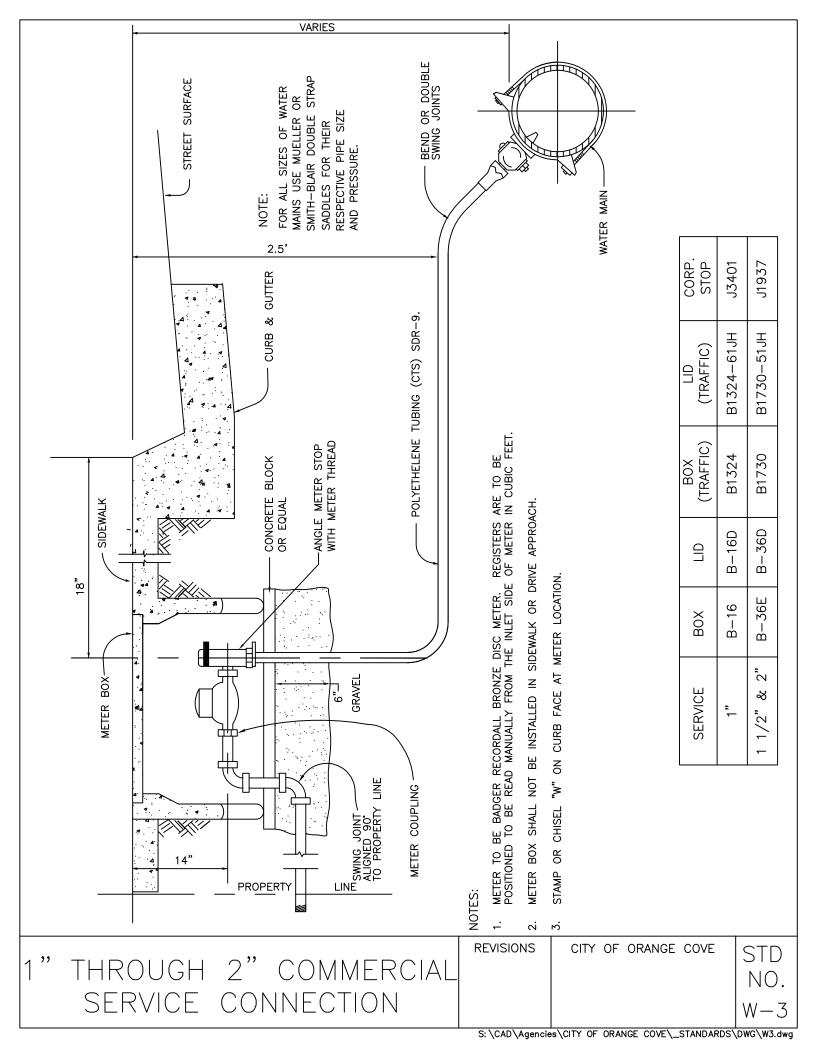


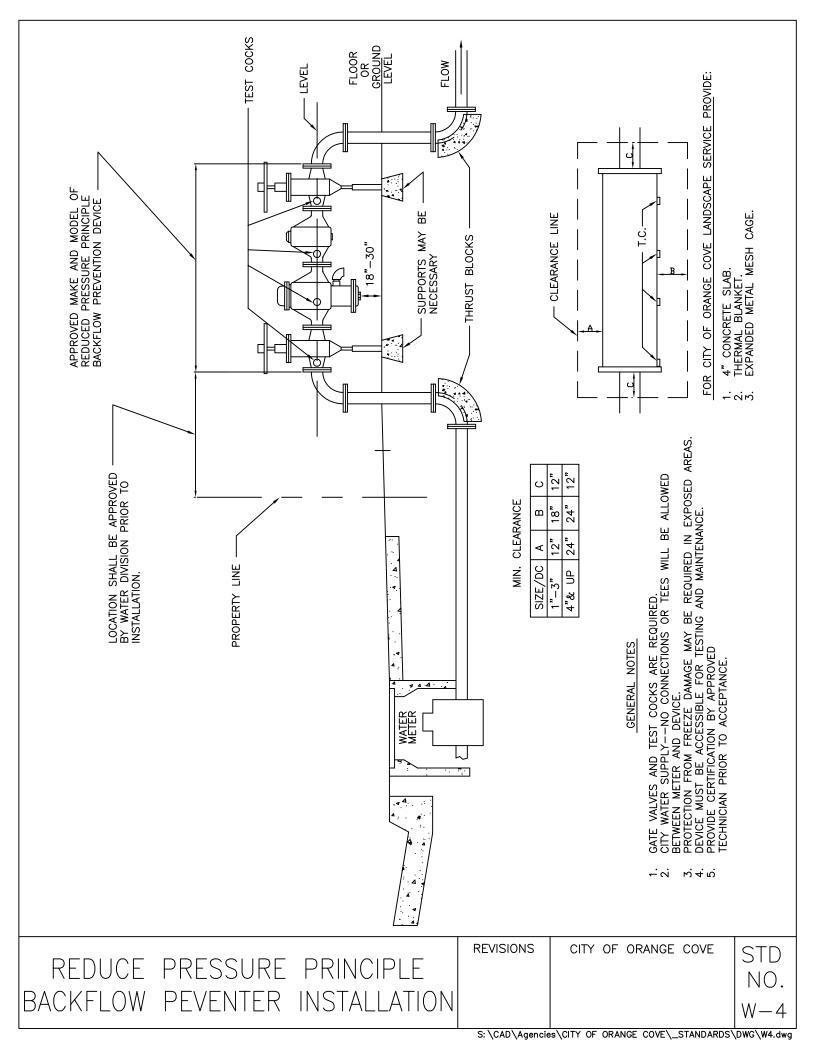
NUTESI     • CONSTRUCTION OF MANHOLE SHALL BE IN ACCORDANCE WITH THE SEMENT AND ALL OF	
ECCENTRIC MANHOLE	

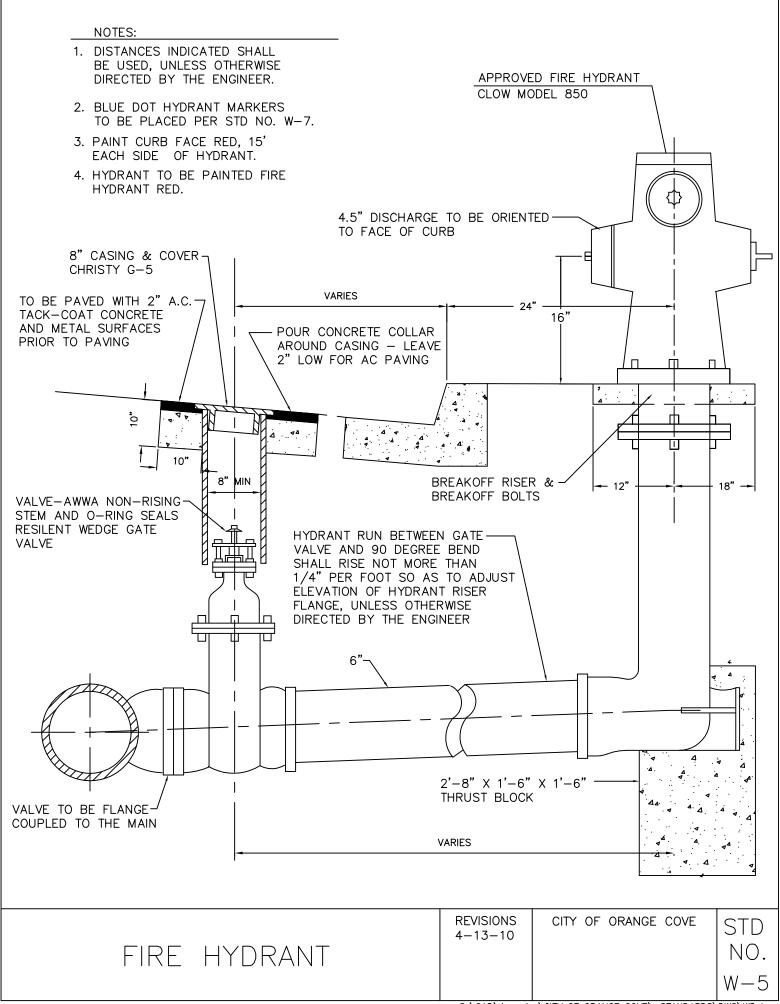








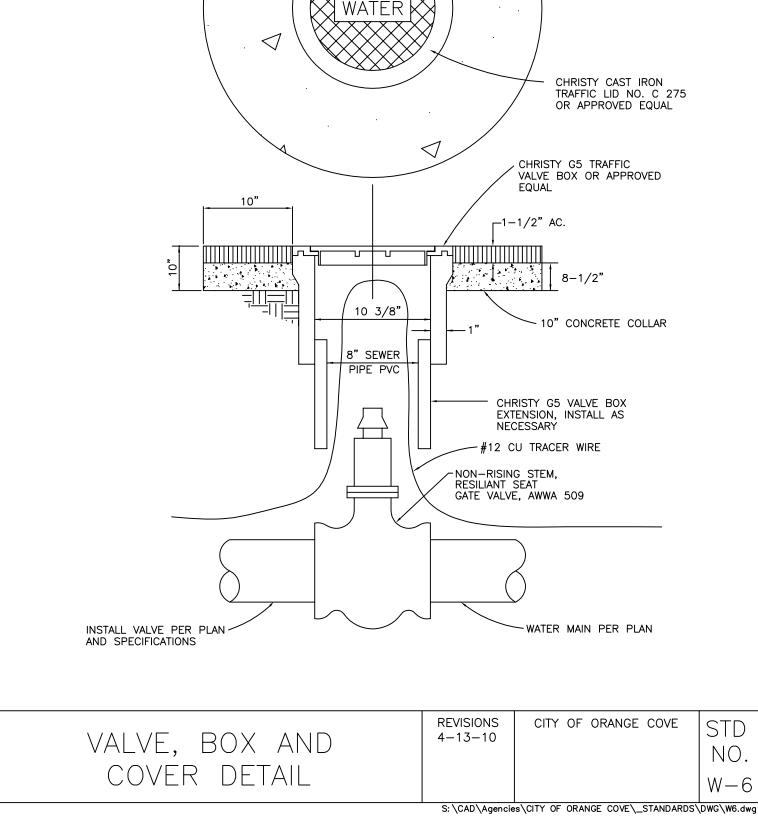




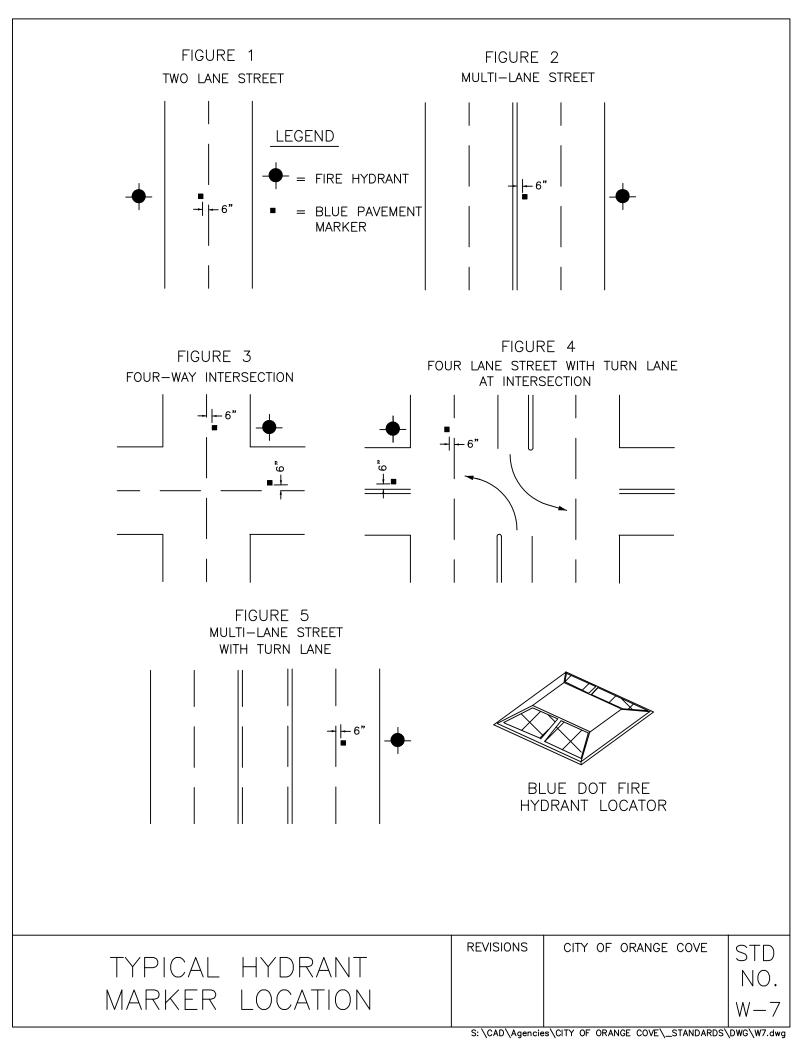


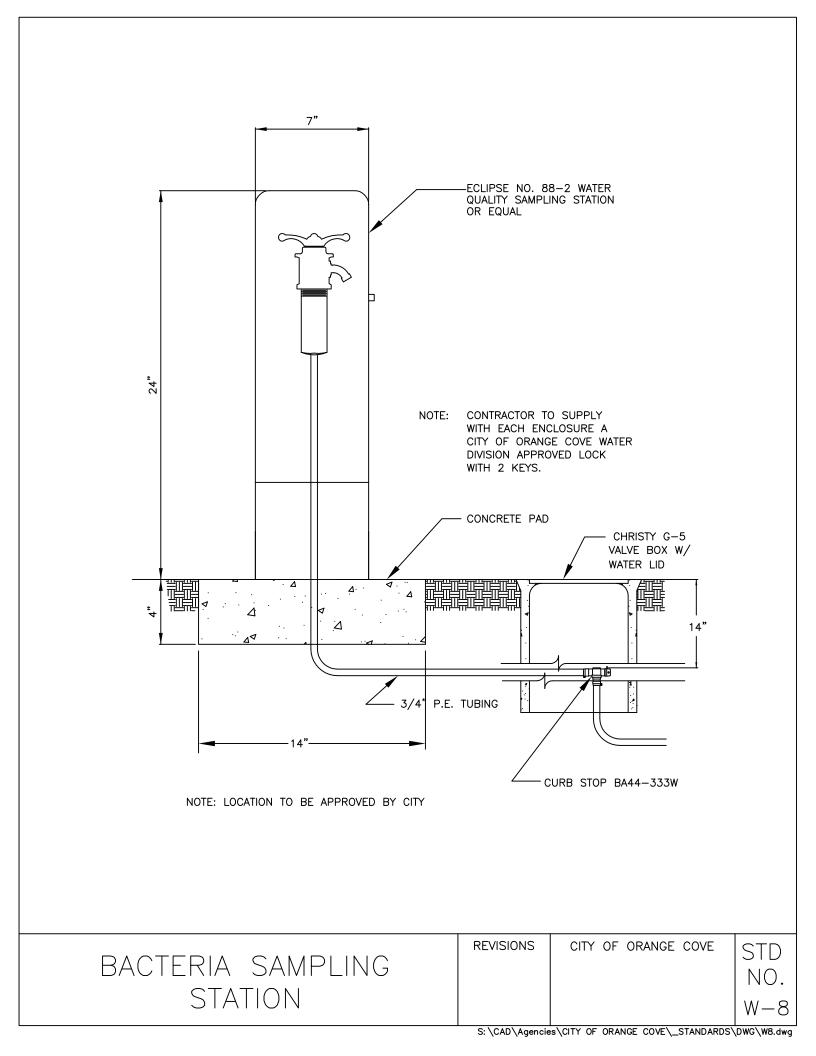
10" CONCRETE COLLAR UNDER PAVING

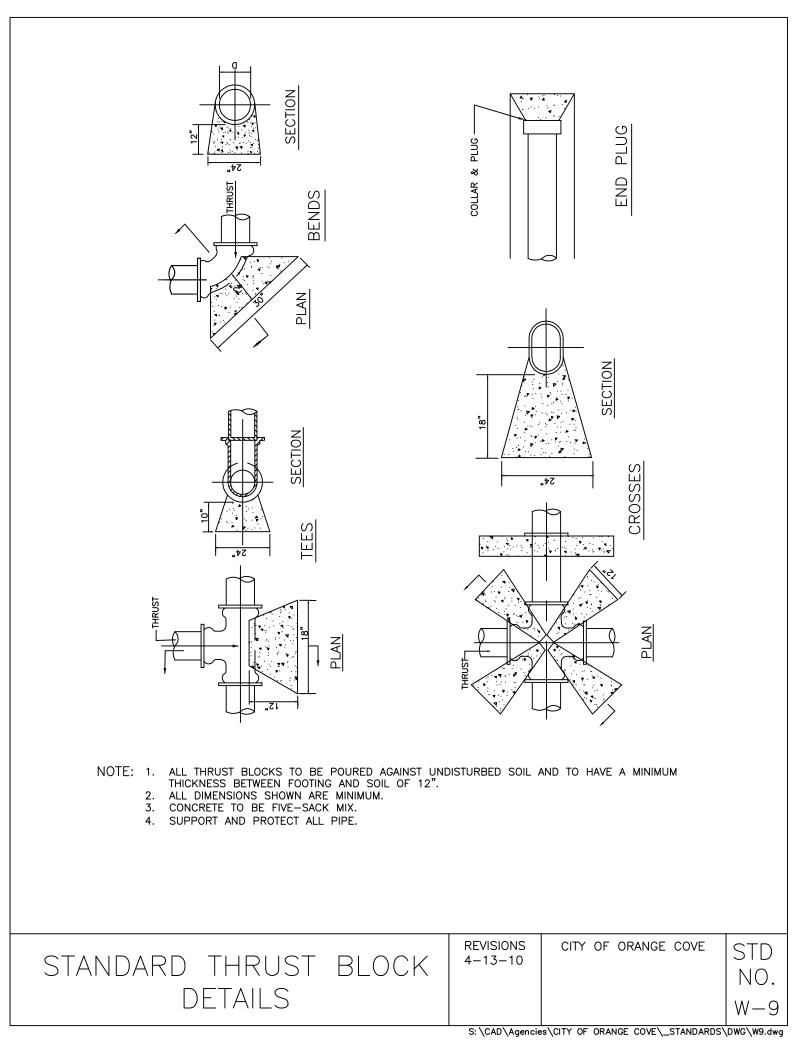
 $\triangleleft$ 



 $\Delta$ 







## HORIZONTAL BEND

