CITY OF ORANGE COVE

STANDARD CONSTRUCTION DRAWINGS



AUGUST 2013

(NOVEMBER 2008)

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AUGUST 2013

(NOVEMBER 2008)

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

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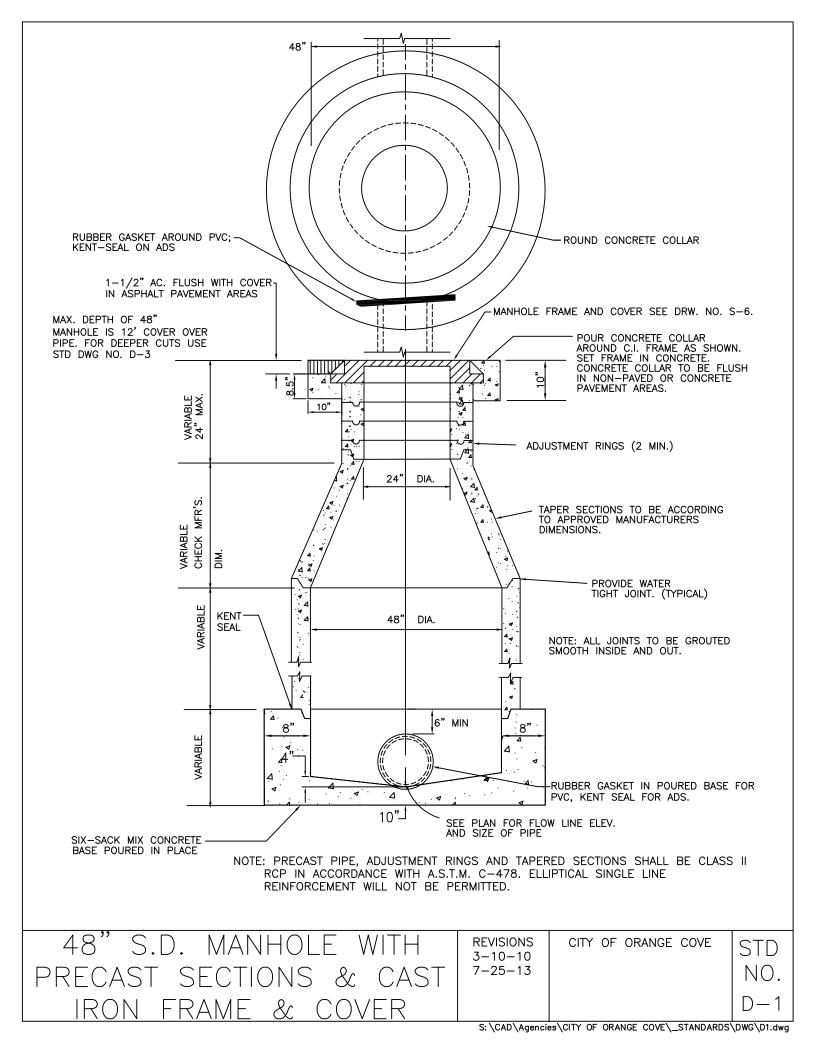
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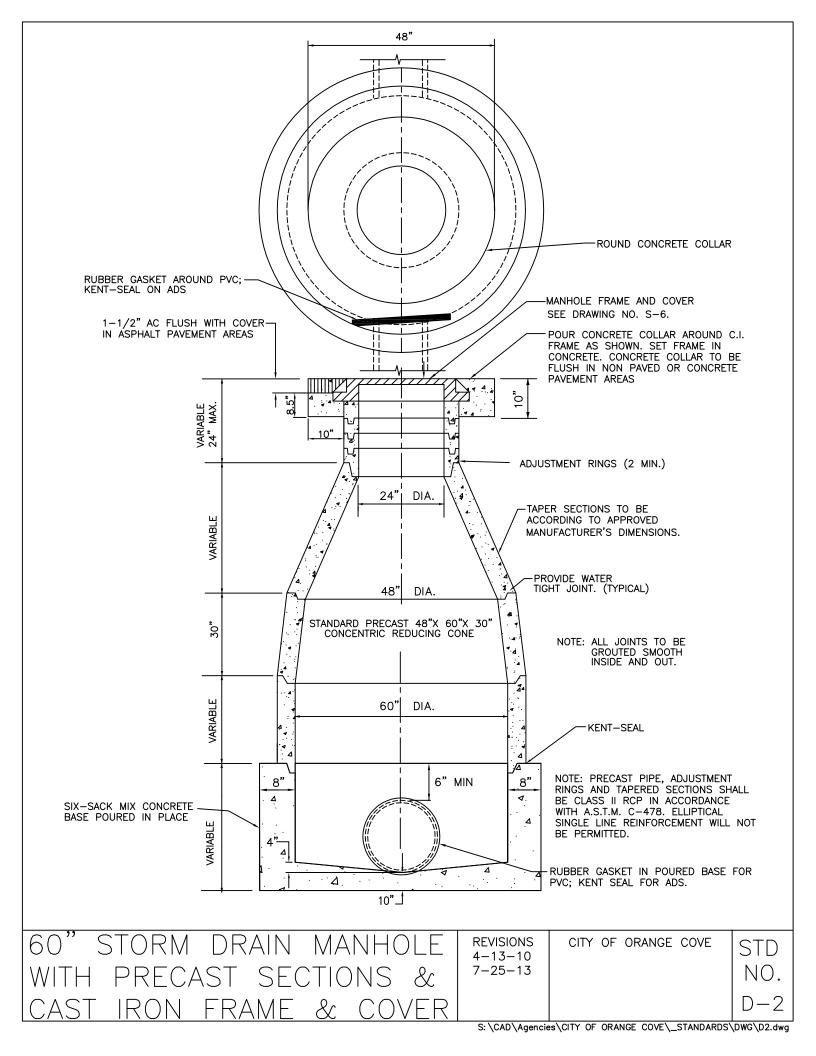
City of Orange Cove Construction Standards

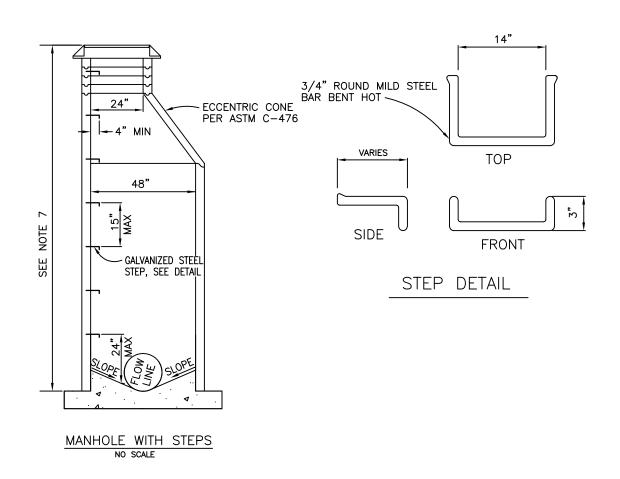
| Standard <u>Detail No.</u> | Description |
|-------------------------------|--|
| D-1 | 48" Precast Storm Drain Manhole |
| D-2 | 60" Precast Storm Drain Manhole |
| D-3 | Precast Storm Drain Manhole With Steps |
| D-4 | Catch Basin Inlet |
| D-5 | Catch Basin Form and Frame |
| D-6 | Type ''E'' Drain Inlet |
| E-1 | Street Light - Local Street |
| E-2 | Street Light – Collector |
| E-3 | Not Used |
| E-4 | Street Light Pull Box |
| E-5 | Street Light Placement – Cul de sacs |
| E-6 | Street Light Placement – Local Street |
| E-7 | 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 |
| M-1 | Parking Lot Construction Details |
| M-2 | 6" Concrete Block Fence Construction and General Notes |
| M-3 | Parking Lot Requirements |
| M-4 | Trash Enclose |
| M-5 | Lot Line Grading Requirements |
| M-6 | 6' Chain Link Fence |
| M-7 | 6' Chain Link Fence Gate |
| M-8 | Temporary Timber Barricade |
| M-9 | Bench Mark |

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| P-1 | Typical Street Sections |
|------------|---|
| P-2 | Typical Boundary Street Sections |
| P-3 | Standard Cul-De-Sa |
| P-4 | Median Island Left Turn Pocket |
| P-5 | Concrete Sidewalk, Curb & Gutter |
| P-6 | Sidewalk Underdrain Pipe |
| P-7 | Curb Removal for New Approaches |
| P-8 | Curb Return Wheelchair Ramps For Intersection Streets |
| P-9 | Standard Wheelchair Ramp |
| P-10 | Concrete Valley Gutter Street Intersection |
| 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:

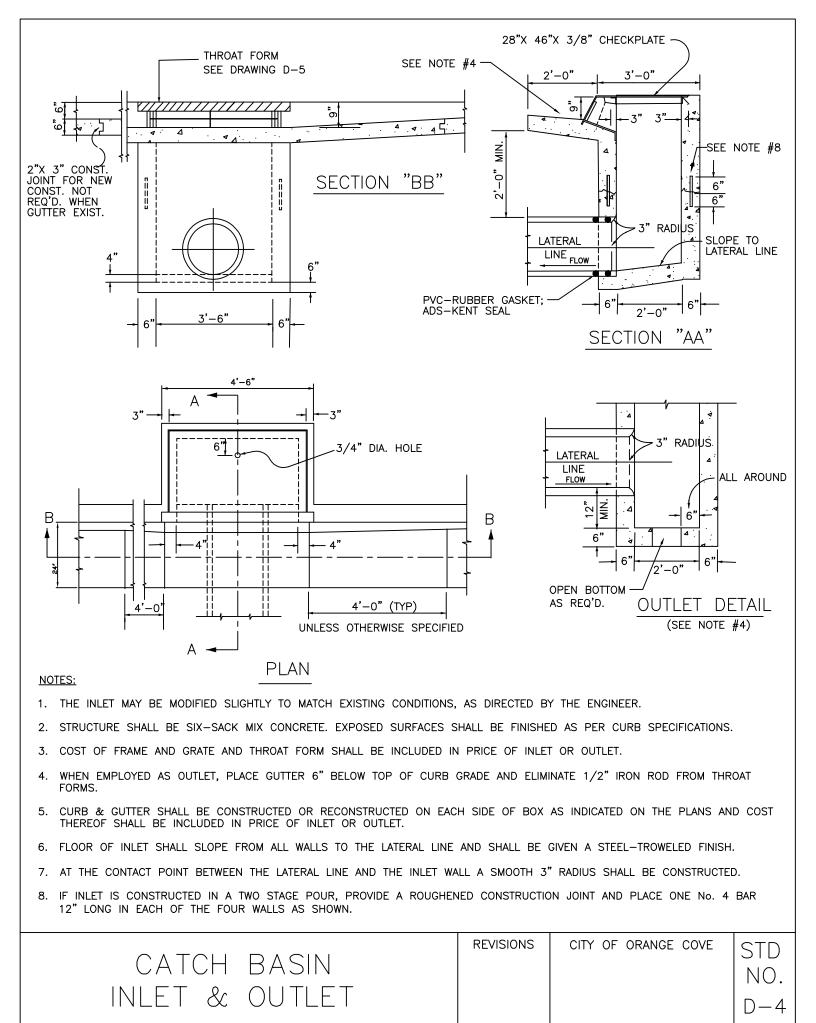
- CONSTRUCTION OF MANHOLE SHALL BE IN ACCORDANCE WITH THE STORM DRAIN MANHOLE STANDARD D-1, EXCEPT AS MODIFIED HEREON. 1.
- 2. AN ALTERNATE STEP MAY BE USED SUBJECT TO THE APPROVAL OF THE ENGINEER.
- 3. ALL STEPS WILL BE FIRMLY AND RIGIDLY SET WITH EPOXY GROUT OR EPOXY.
- 4. STEPS SHALL BE GALVANIZED 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.

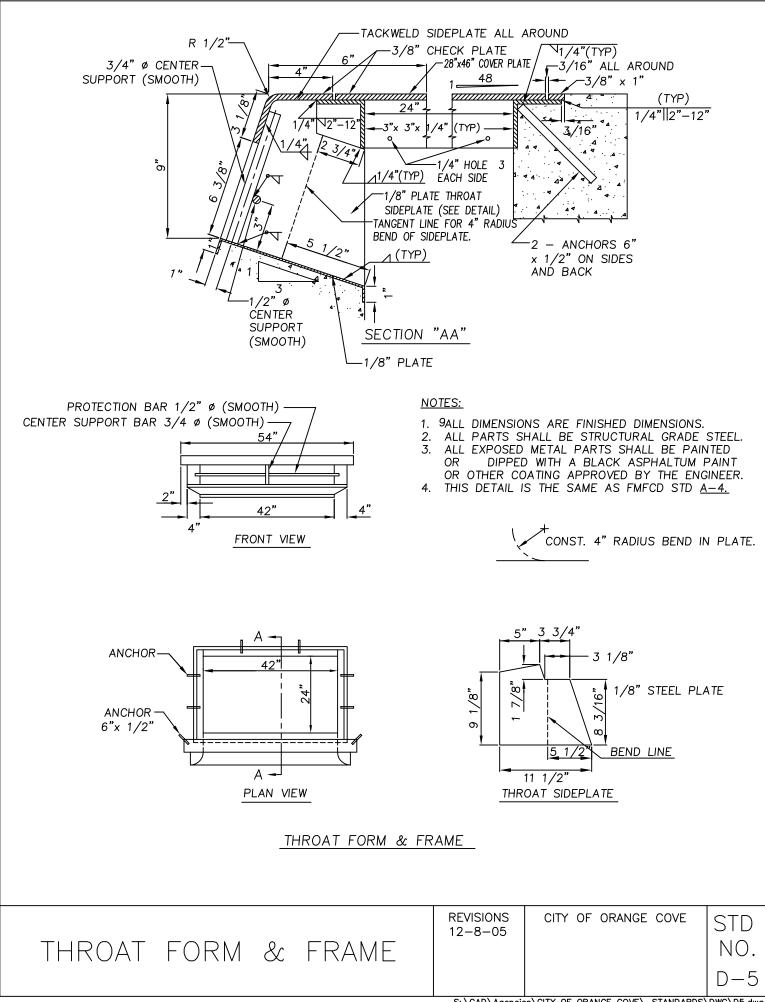
| STORM | DRAIN | MANHOLE |
|--------------|---------|---------|
| \mathbb{M} | /ITH ST | EPS |

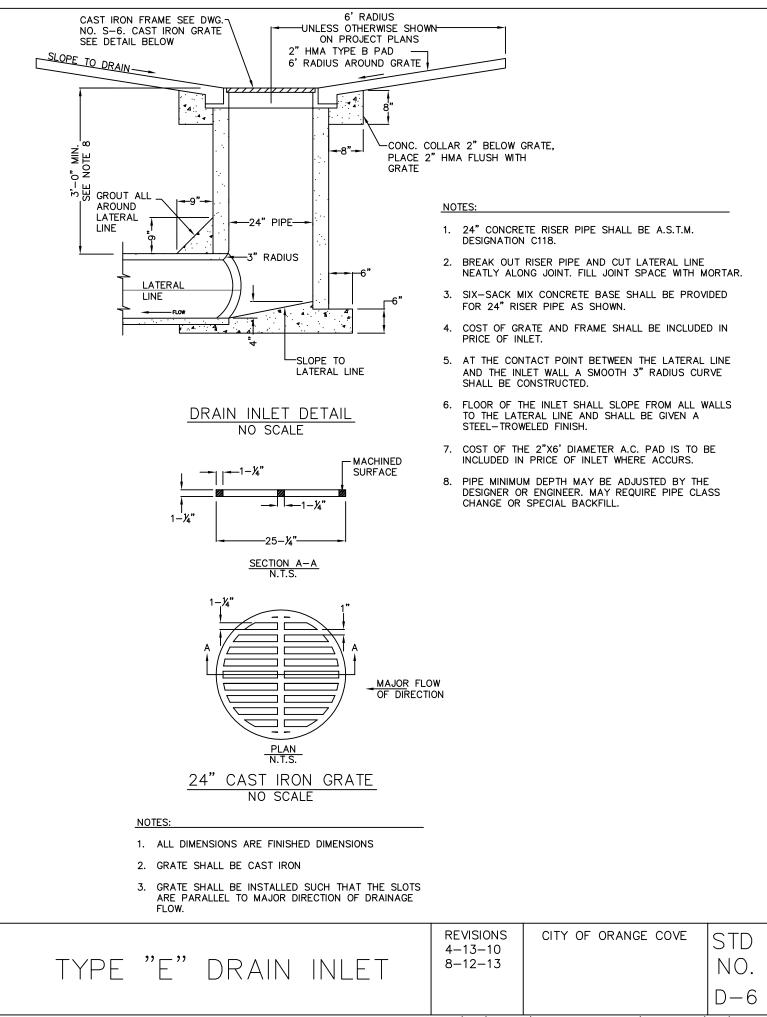
| REVISIONS | CITY | OF | 1 |
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| 4-13-10 | | | |

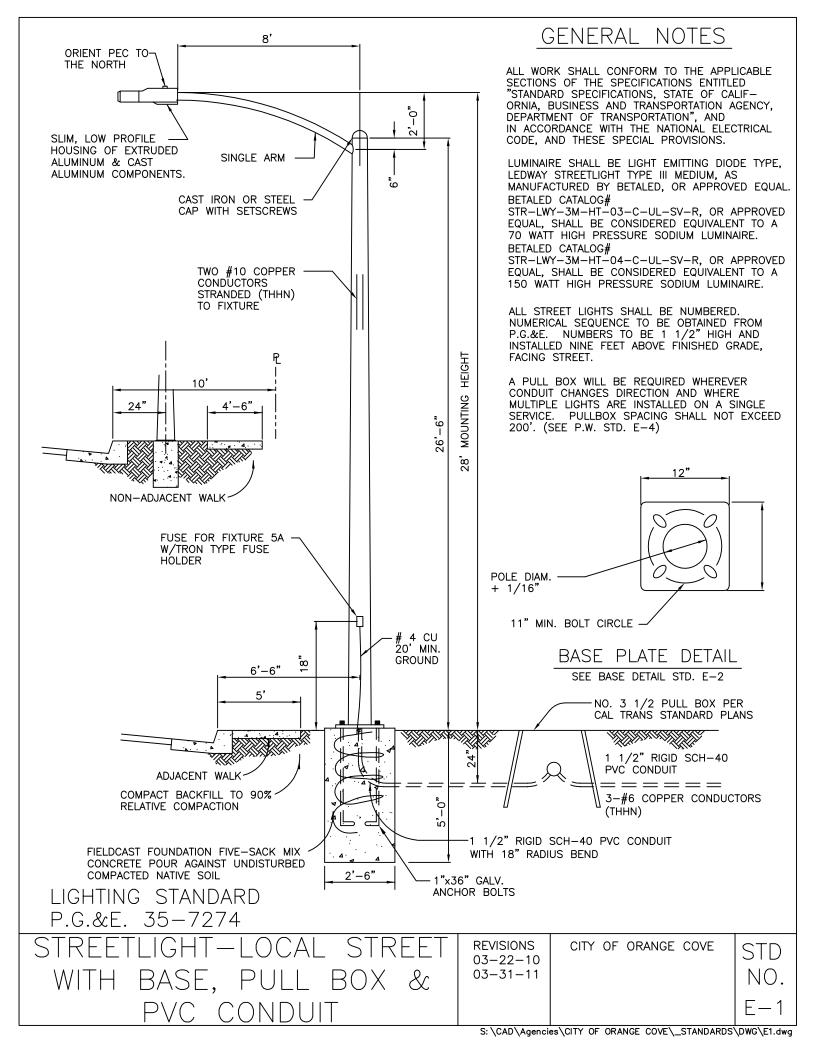
| ORANGE | COVE | STD |
|--------|------|-----|
| | | NO. |

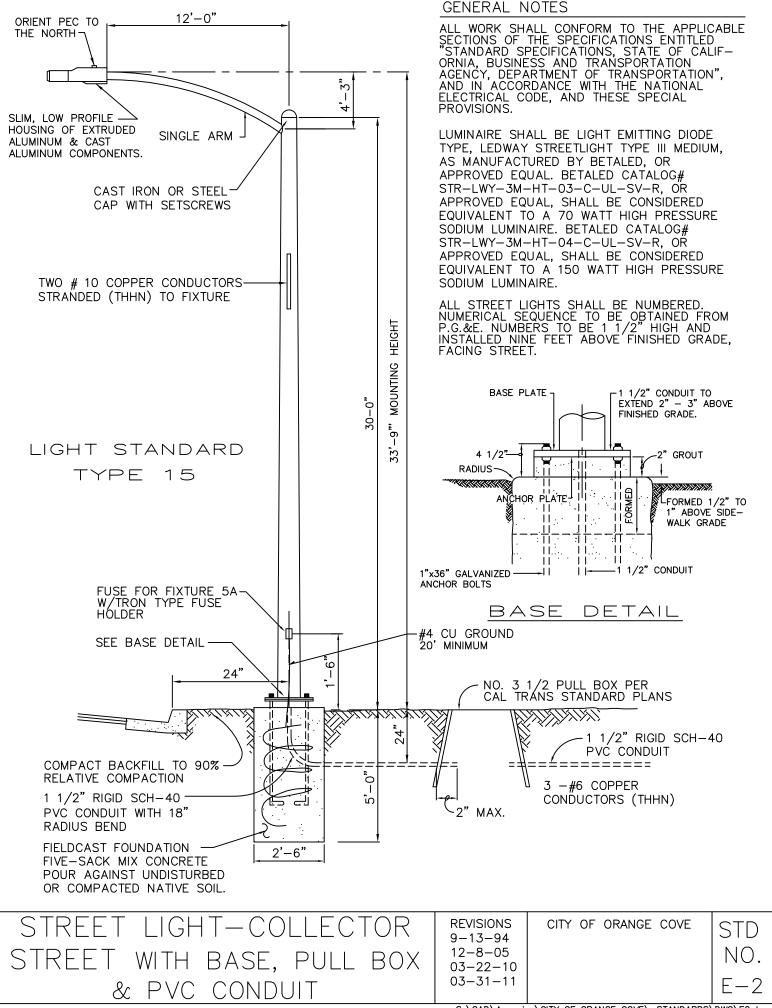
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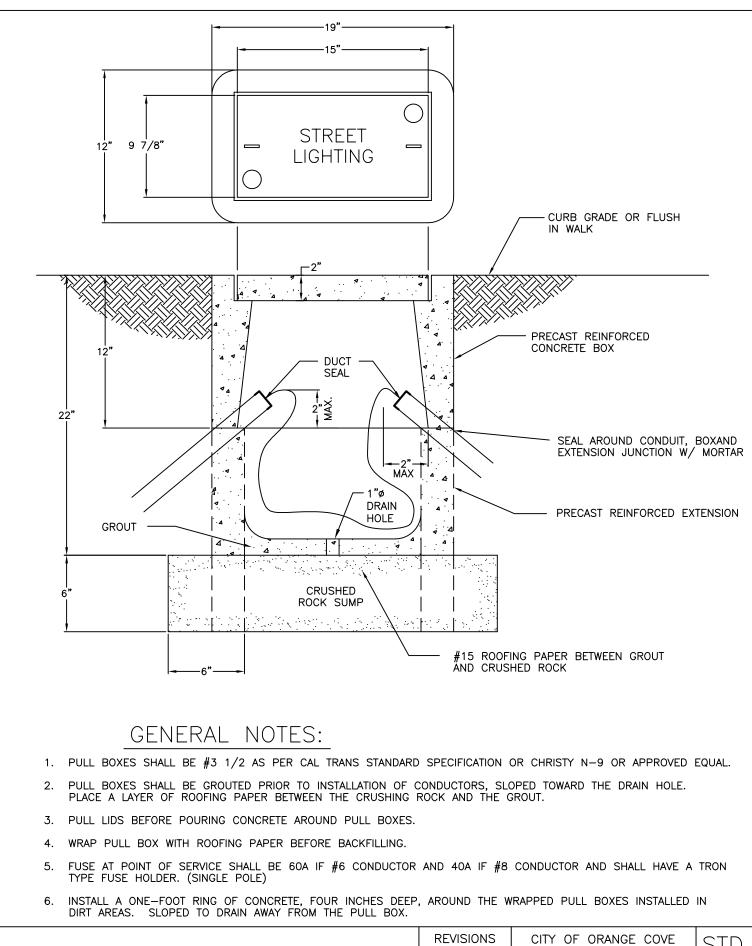






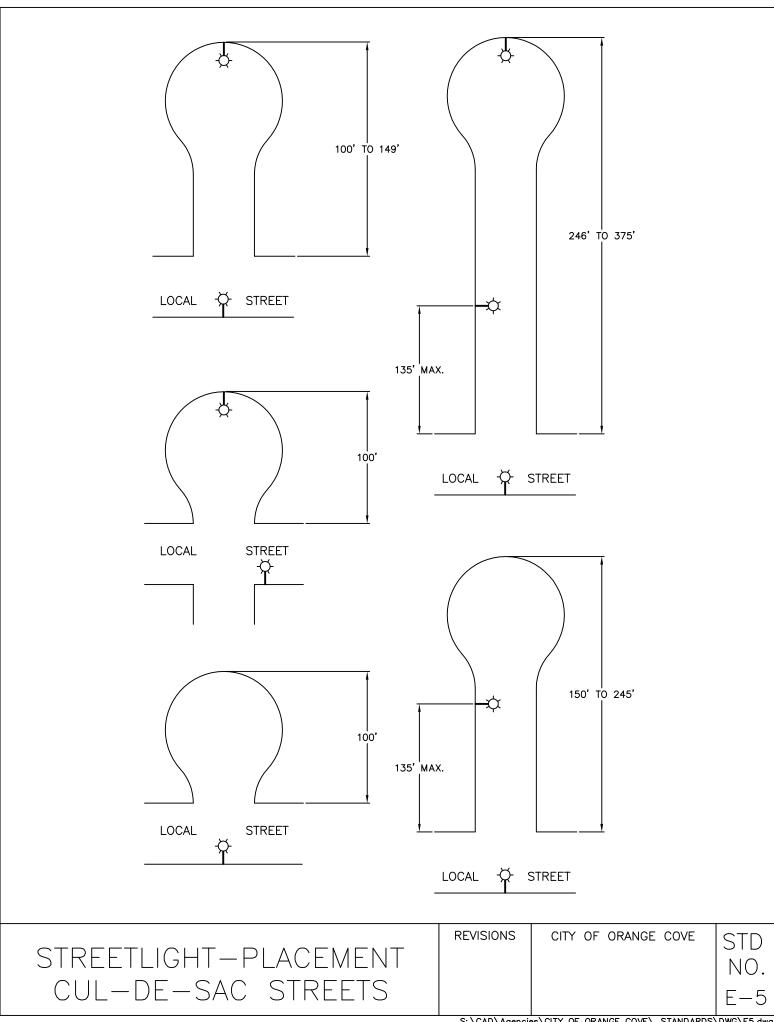


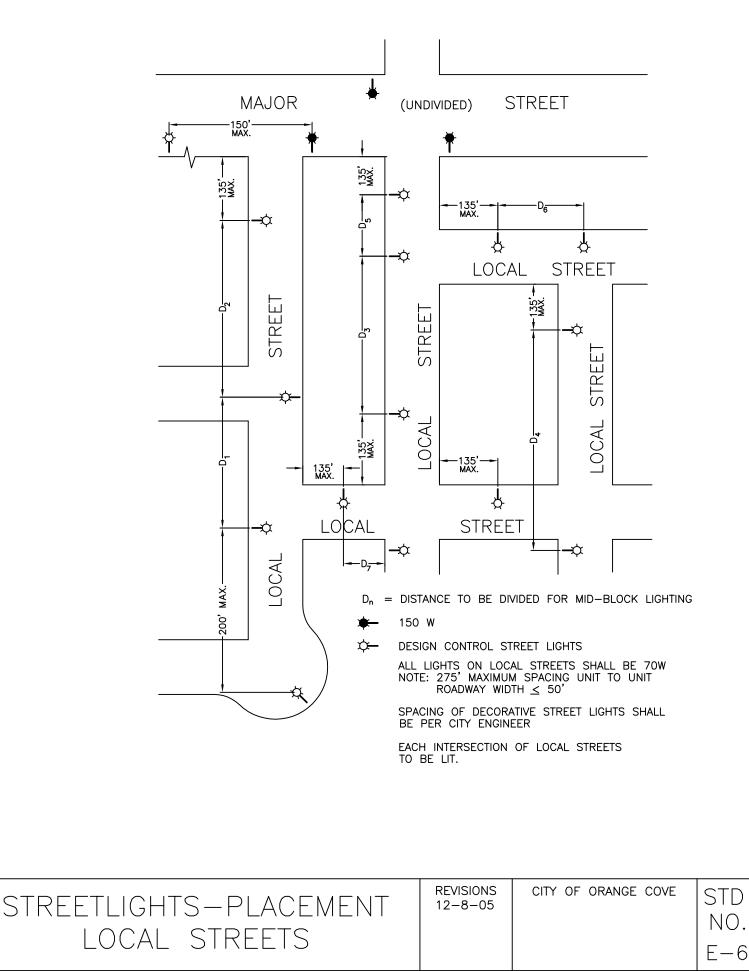


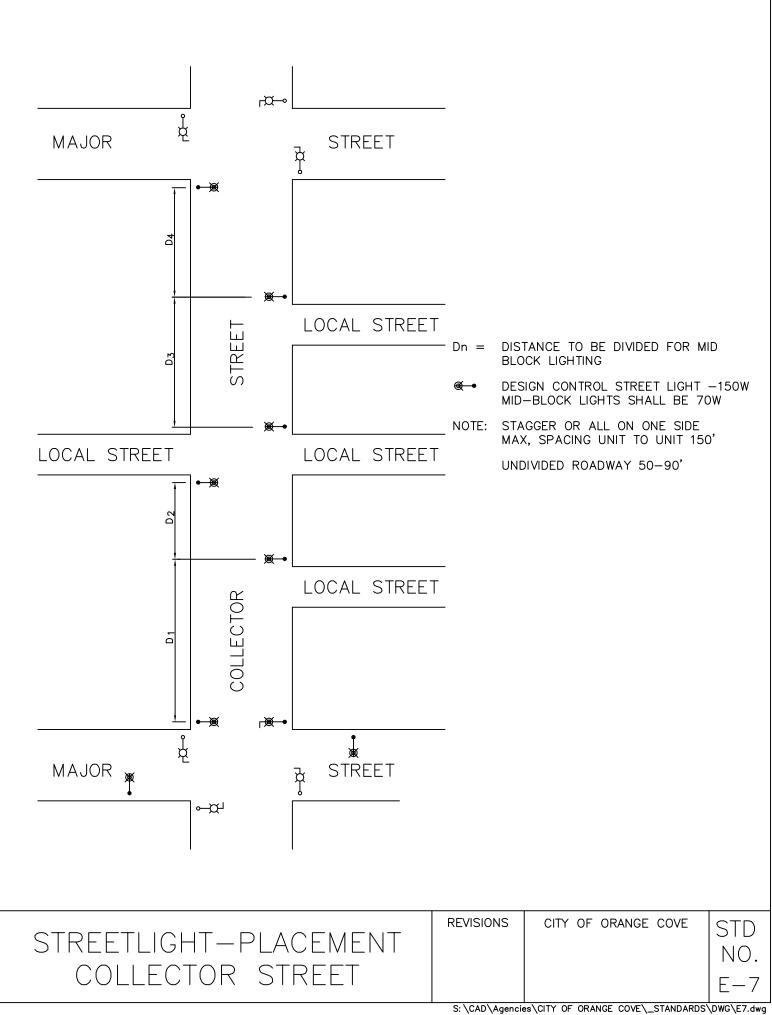


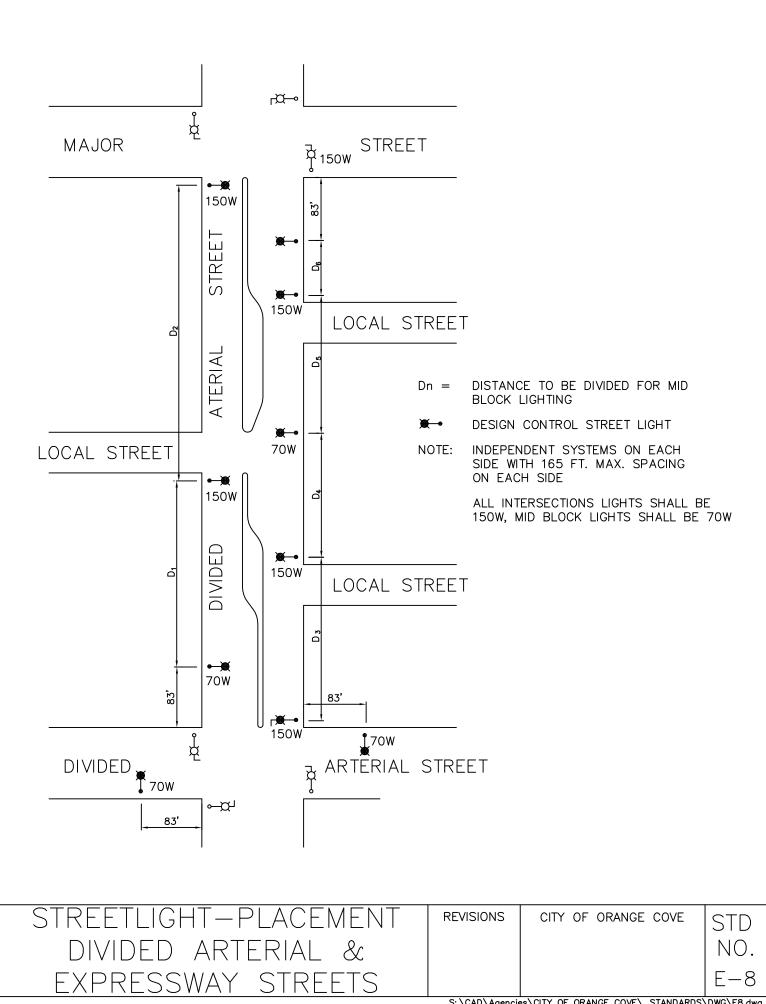
| STREET | flight | S | 12-8-05 | |
|----------|--------|-------|---------|--|
| CONCRETE | PULL | BOXES | | |

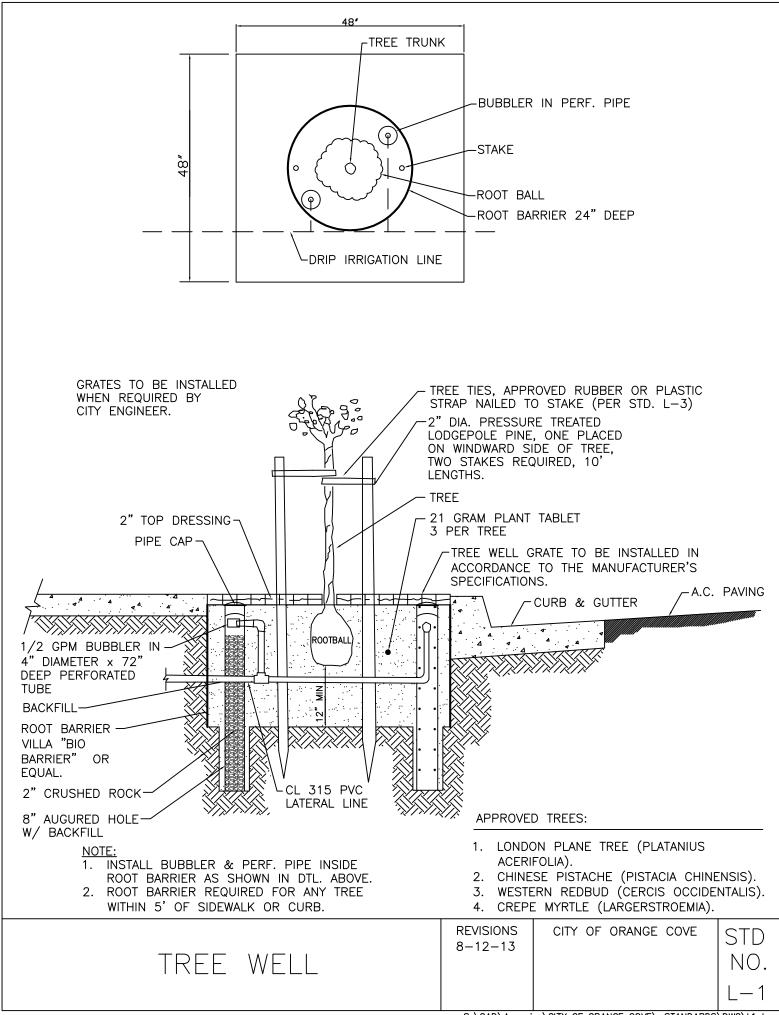
| 12-8-05 | UNANUE COVE | ISID |
|---------|-------------|------|
| | | NO. |
| | | F-4 |

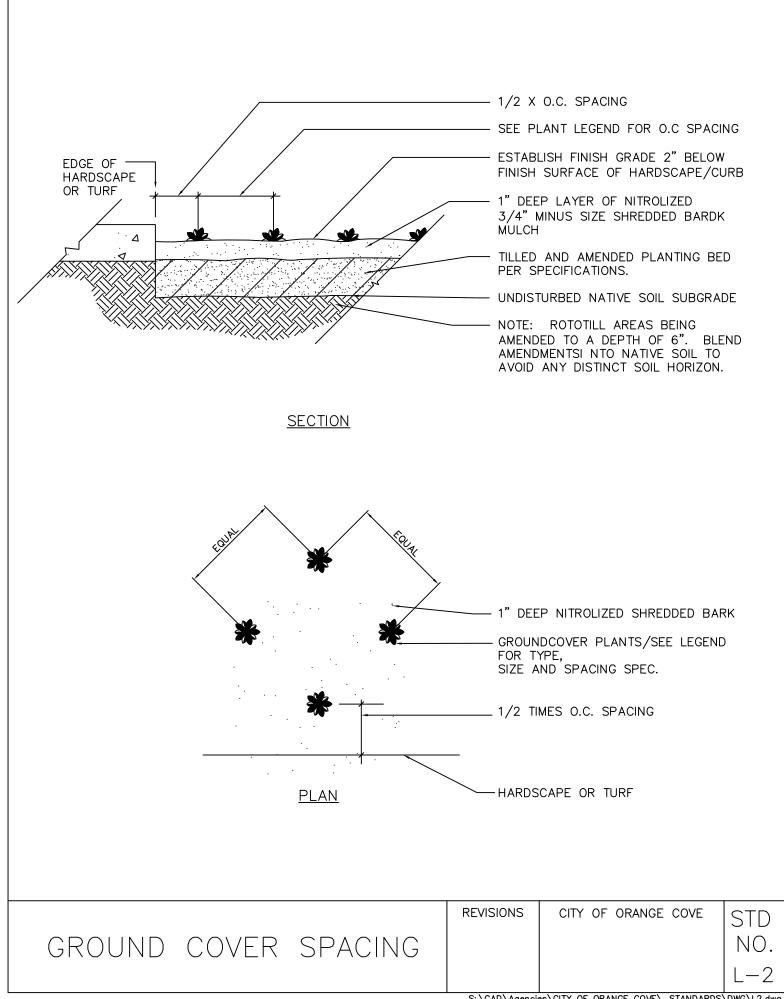


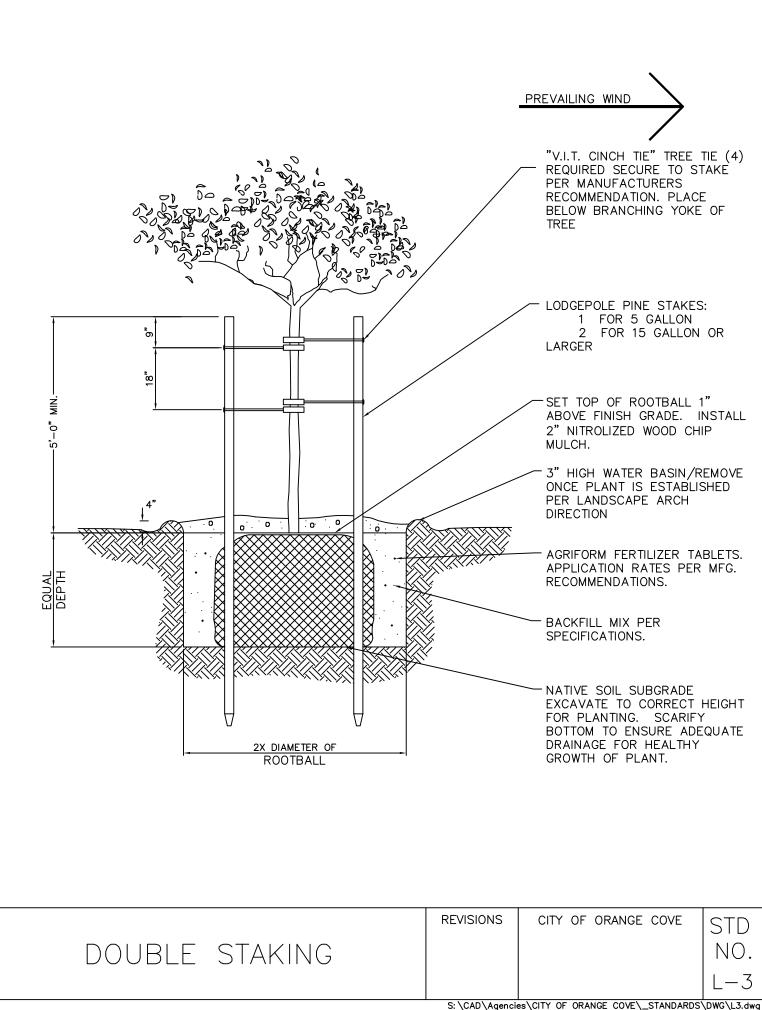


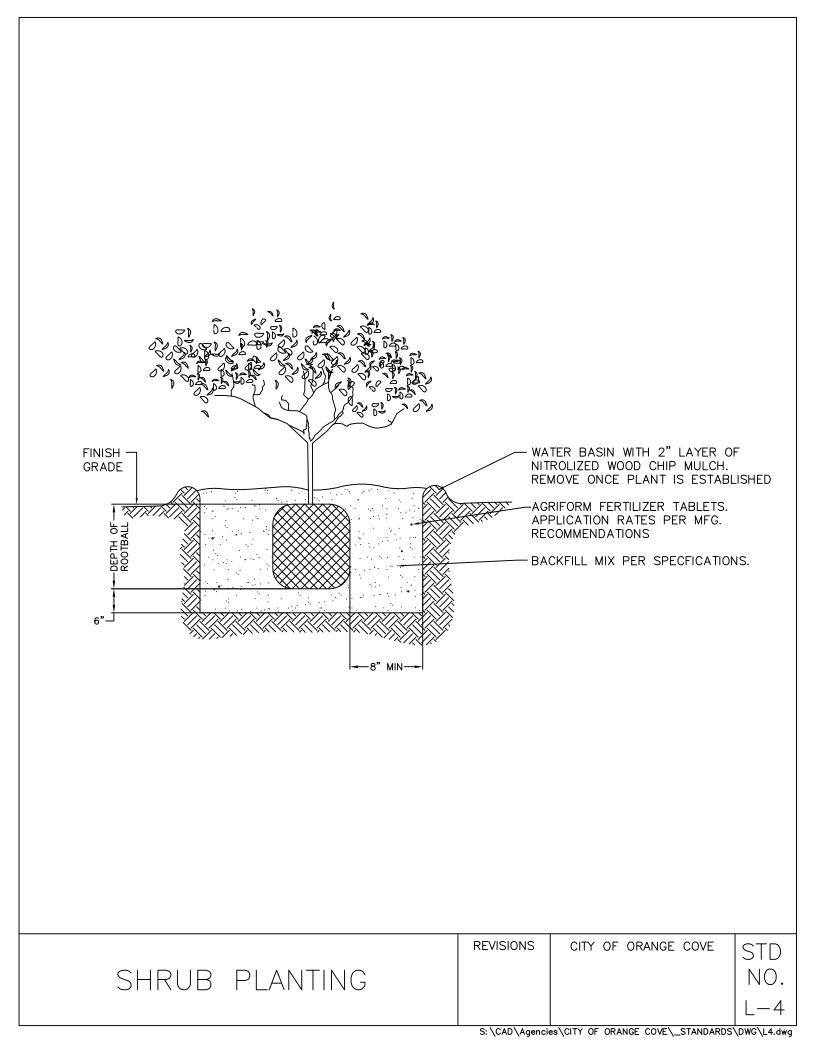


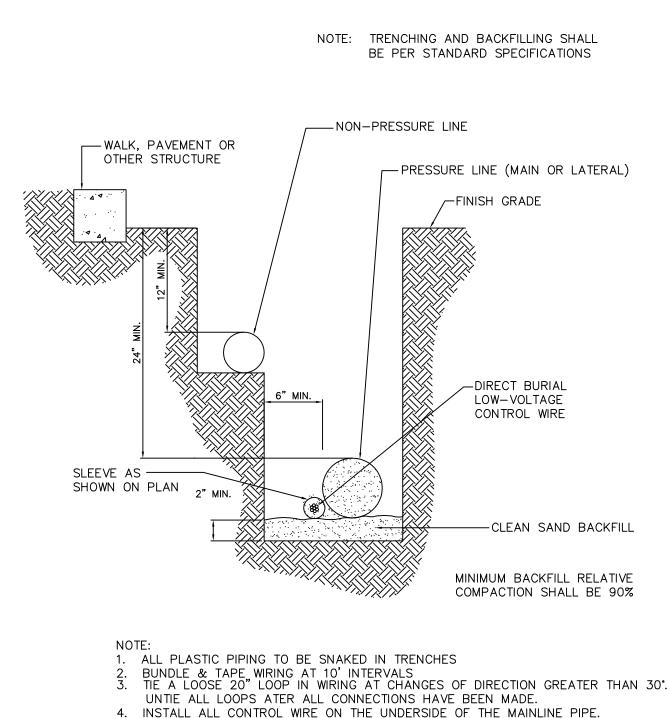




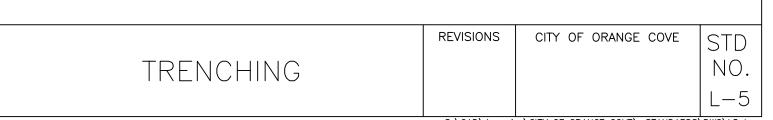


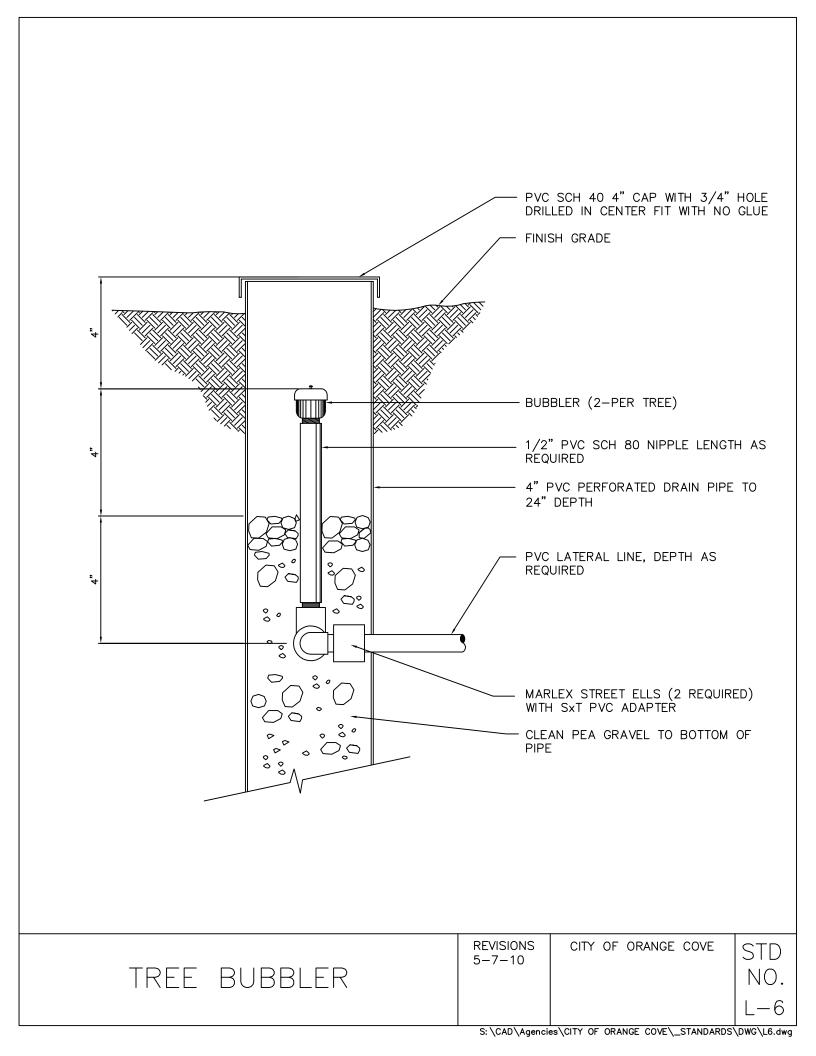


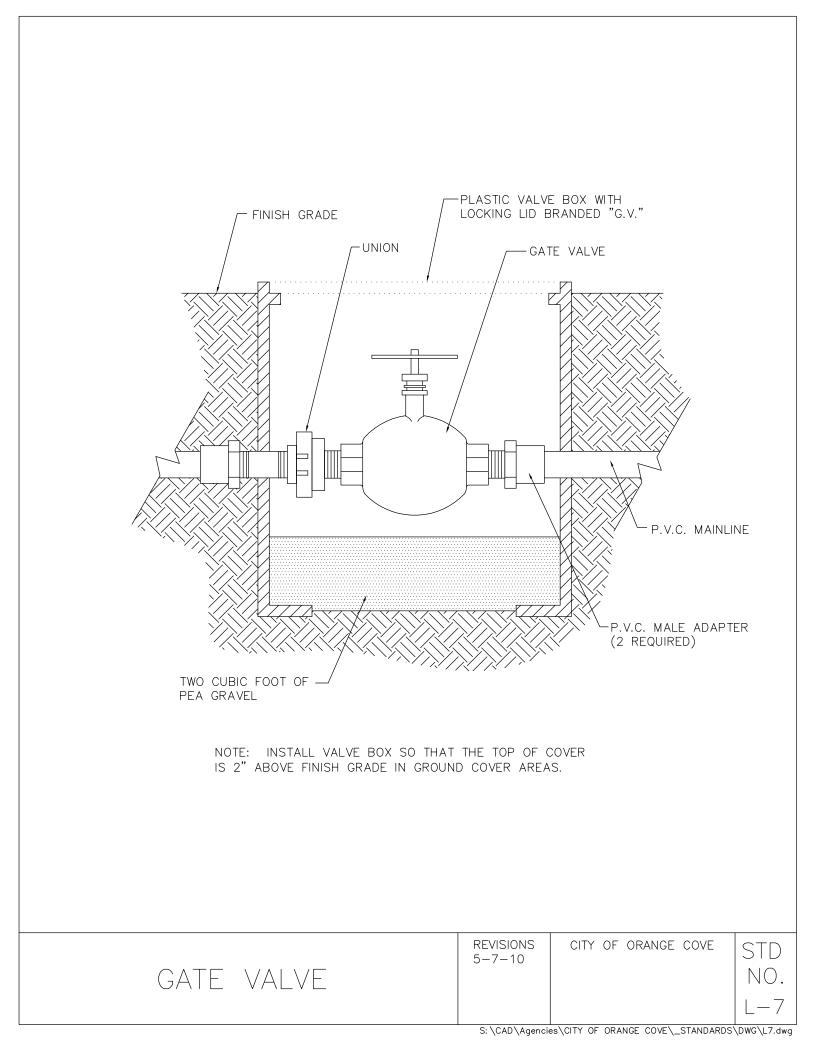


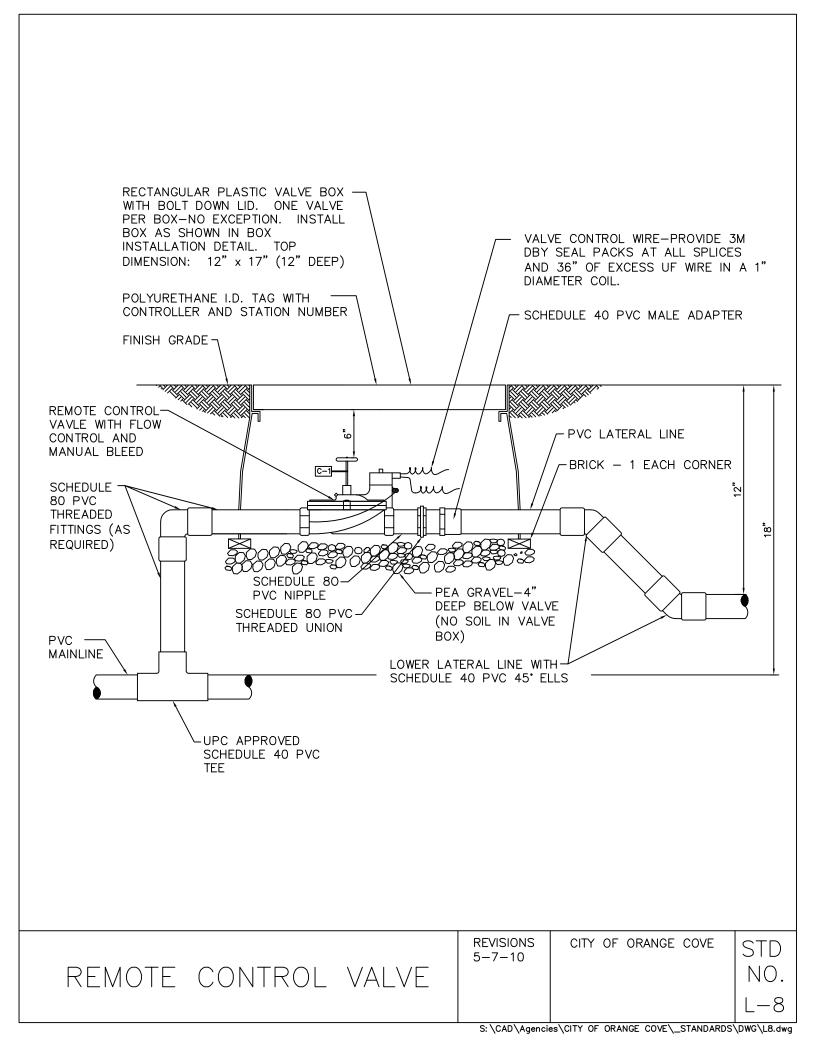


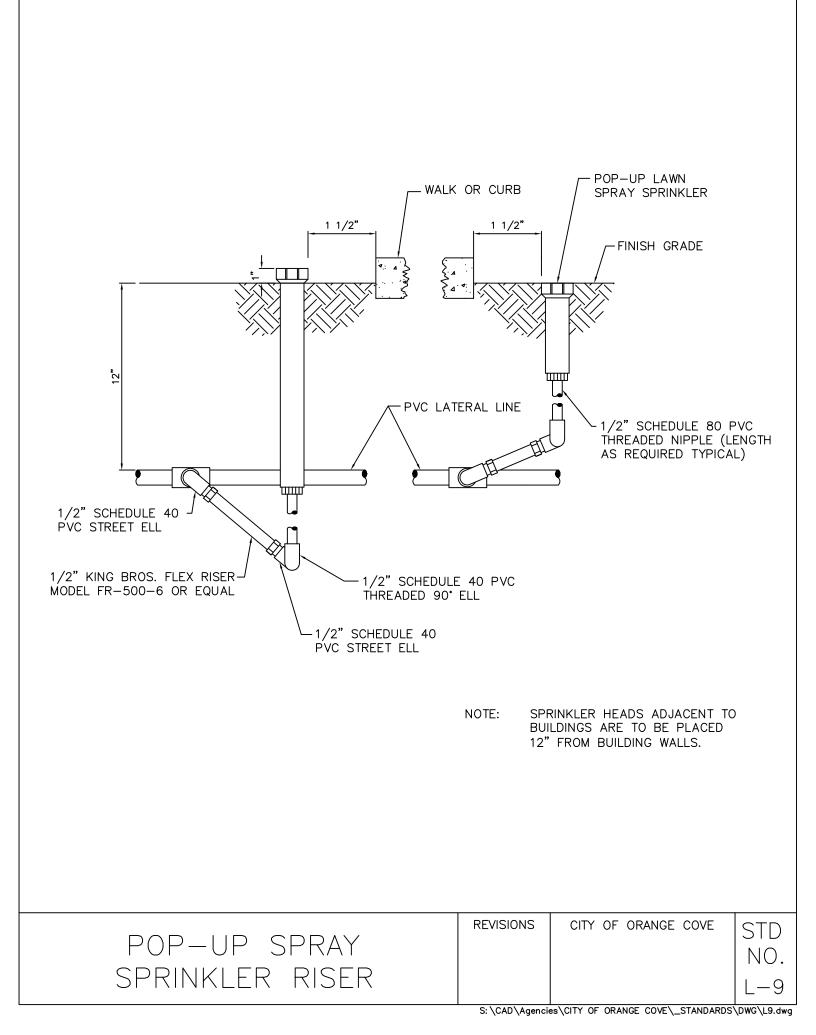
- 5. SEE IRRIGATION SPECIFICATIONS FOR BACKFILL AND COMPACTION REQUIRMENTS.
- 6. PIPE DEPTH FOR PRESSURE MAINLINE SHALL BE 24" MINIMUM.
- 7. PIPE DEPTH FOR NON-PRESSURE LATERAL LINES SHALL BE 12" MINIMUM.
- 8. PIPE DEPTH FOR ALL ONES UNDER PAVEMENT SHALL BE 24" MINIMUM.

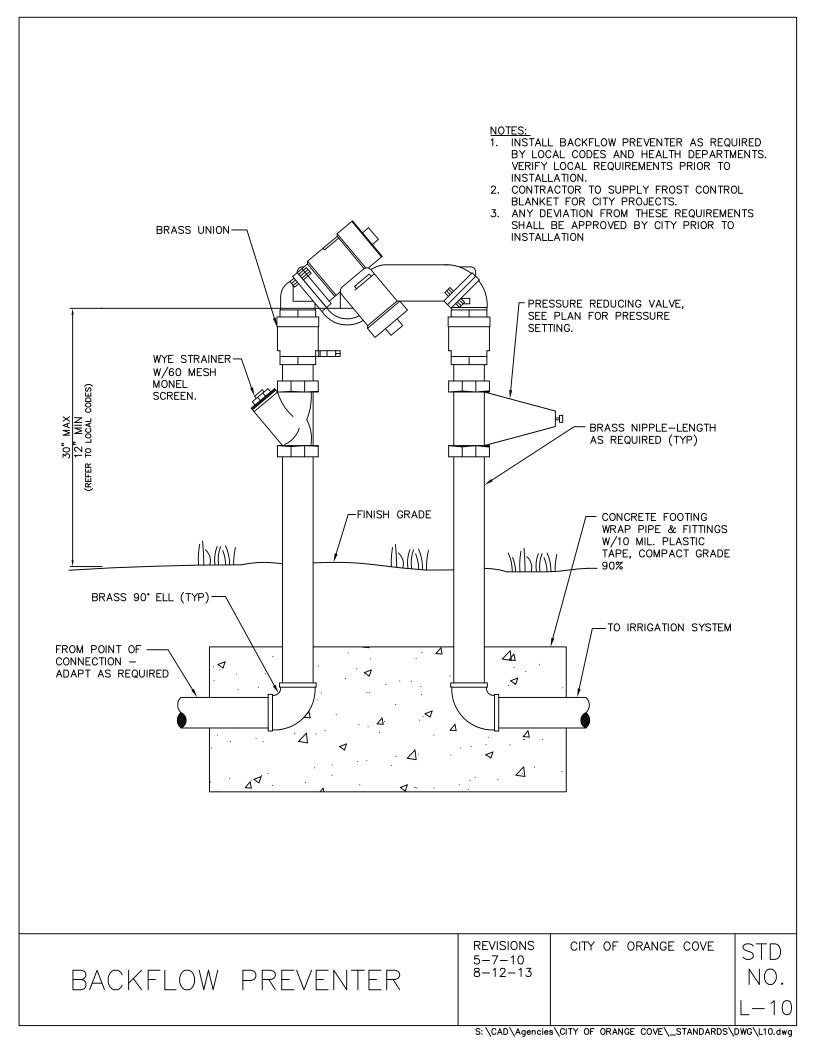


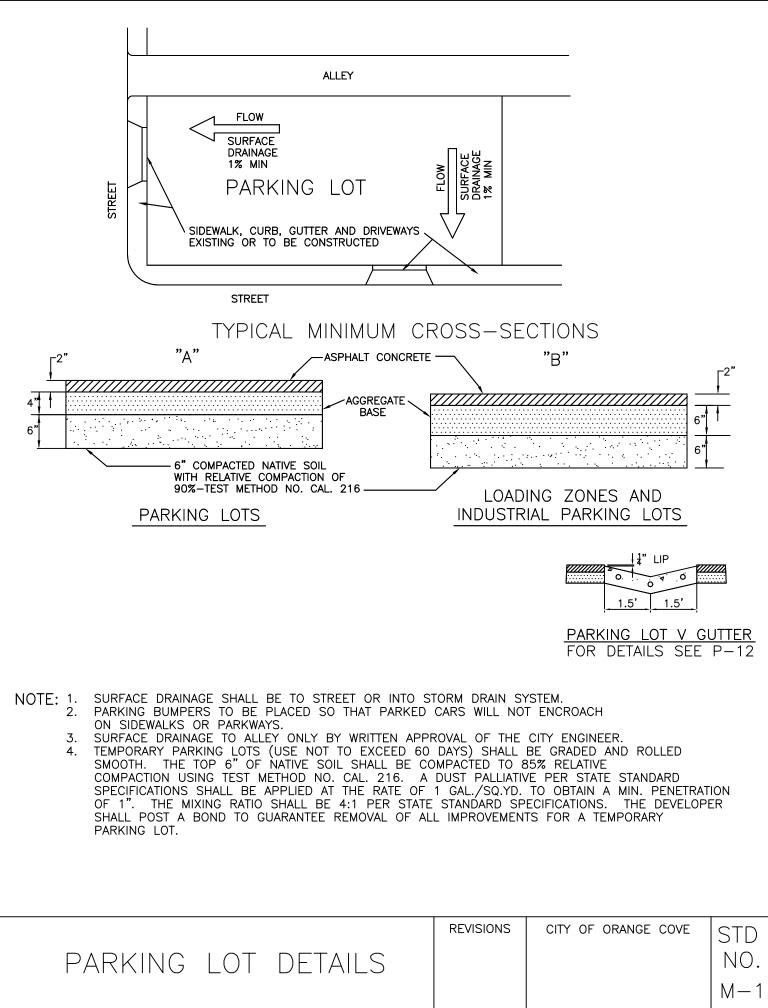


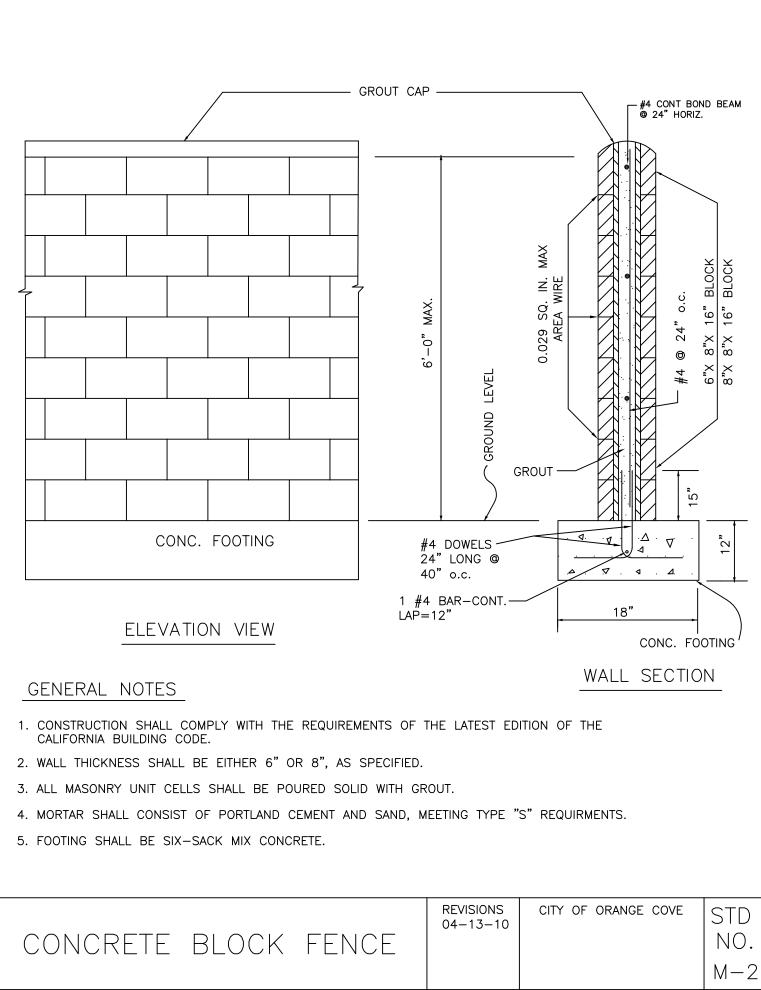


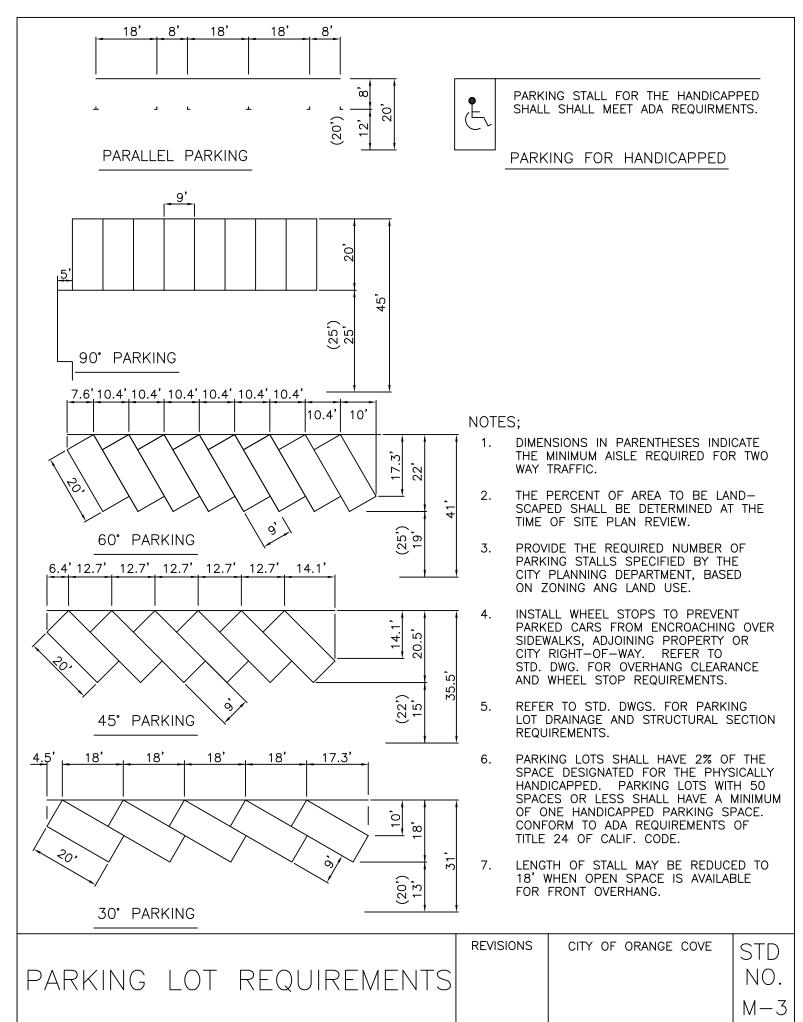




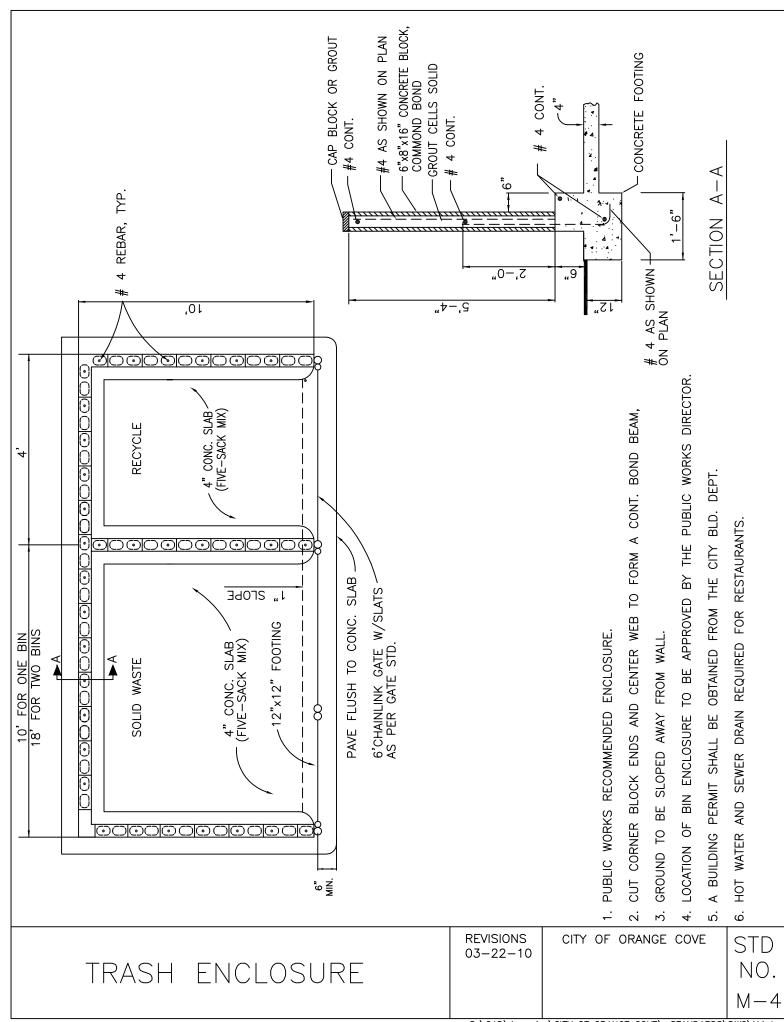


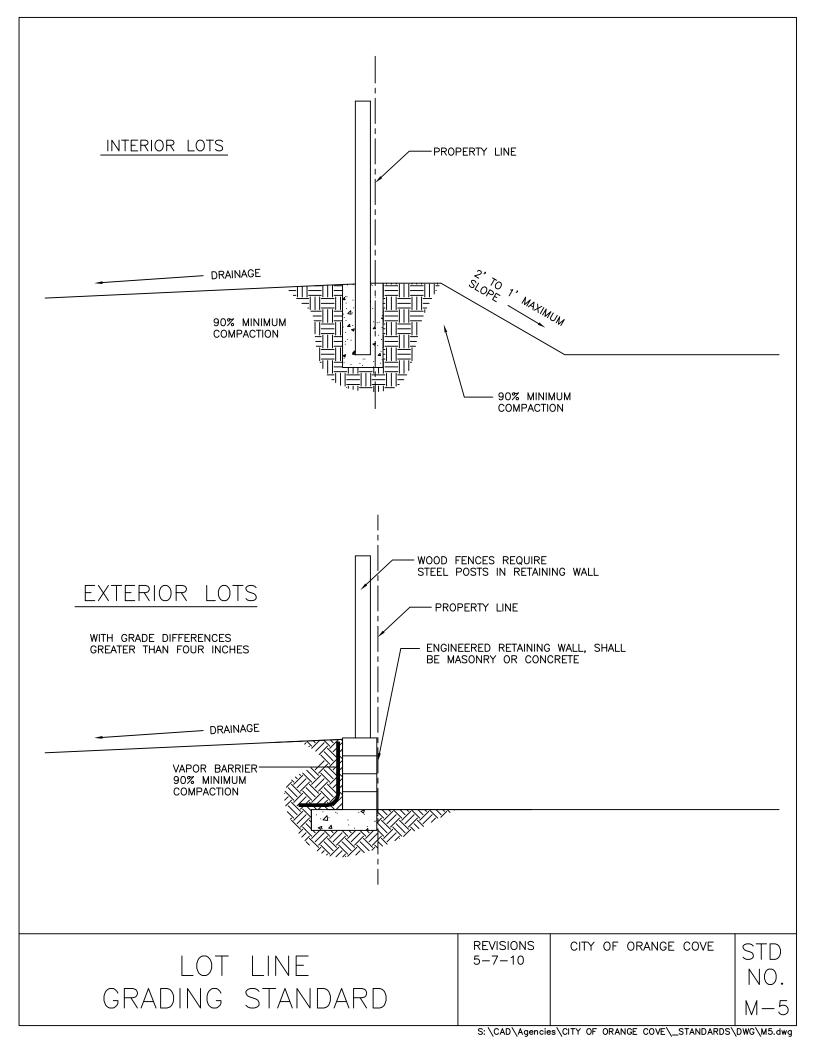


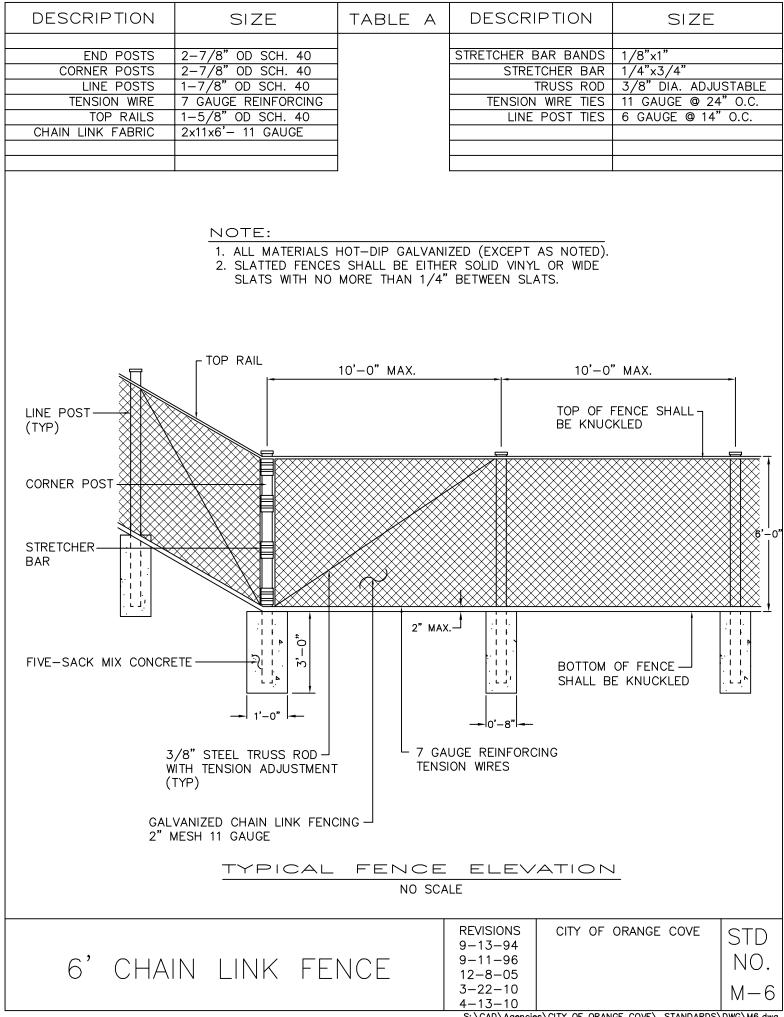




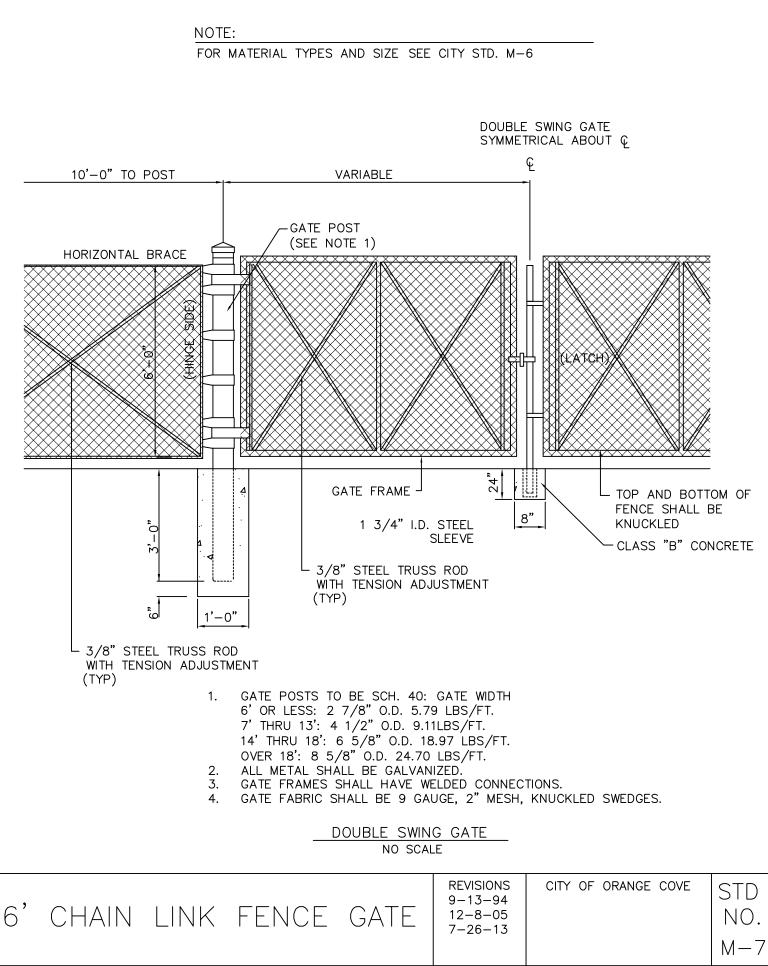
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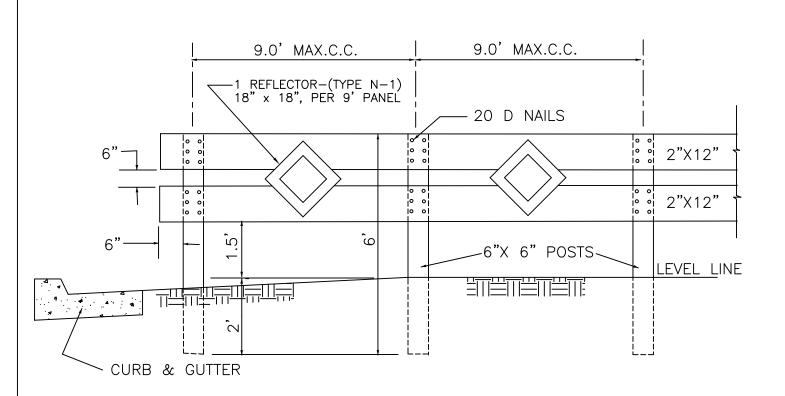






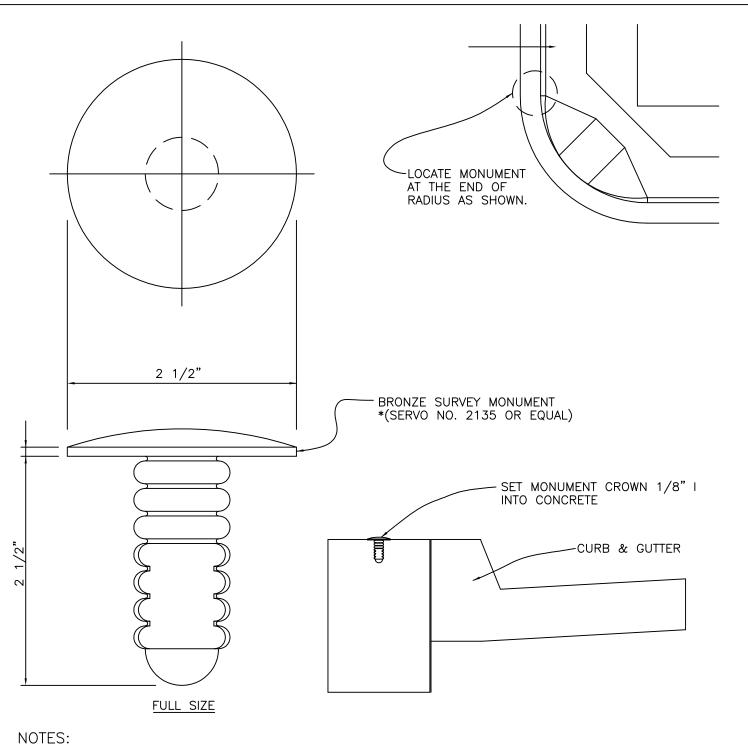
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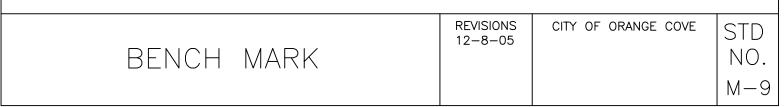


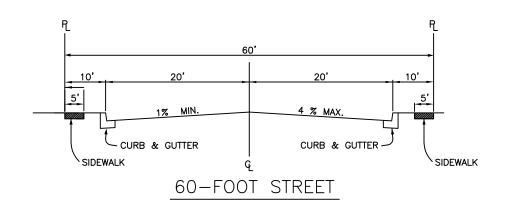
- NOTE: 1. BARRICADES MUST BE FULL WIDTH OF PAVEMENT OR TRAVELED WAY.
 - 2. APPLY TWO COATS OF EXTERIOR FLAT WHITE PAINT TO ALL EXPOSED WOOD MEMBERS.
 - 3. ANY DEVIATION FROM THE ABOVE FOR TEMPORARY INSTALLATIONS, SHALL BE SUBJECT TO APPROVAL OF THE CITY ENGINEER.
 - 4. "K" RAILS WITH REFLECTIVE MATERIAL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

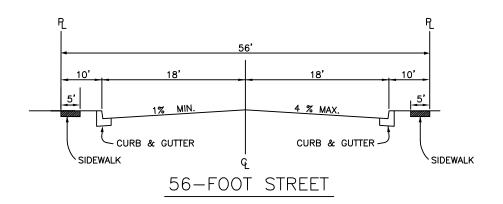
| TEMPORARY TIMBER BARRICADE | REVISIONS 9-11-96 | CITY OF ORANGE COVE | STD NO. M-8 |
|---|----------------------|---------------------|-------------------|
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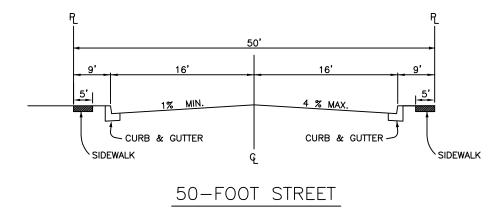


- 1. LOCATE BENCH MARKS AT THE NORTHEAST CORNER OF INTERSECTIONS APPROVED BY THE CITY ENGINEER.
- 2. COMPLETE NOTES SHOWING LOCATIONS, ELEVATIONS, AND CLOSURES SHALL BE FILED WITH THE CITY ENGINEER.
- 3. ELEVATIONS SHALL BE BASED ON U.S.G.S. DATUM.
- * AVAILABLE AT: SERVCO, 2942 CENTURY PLACE, COSTA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





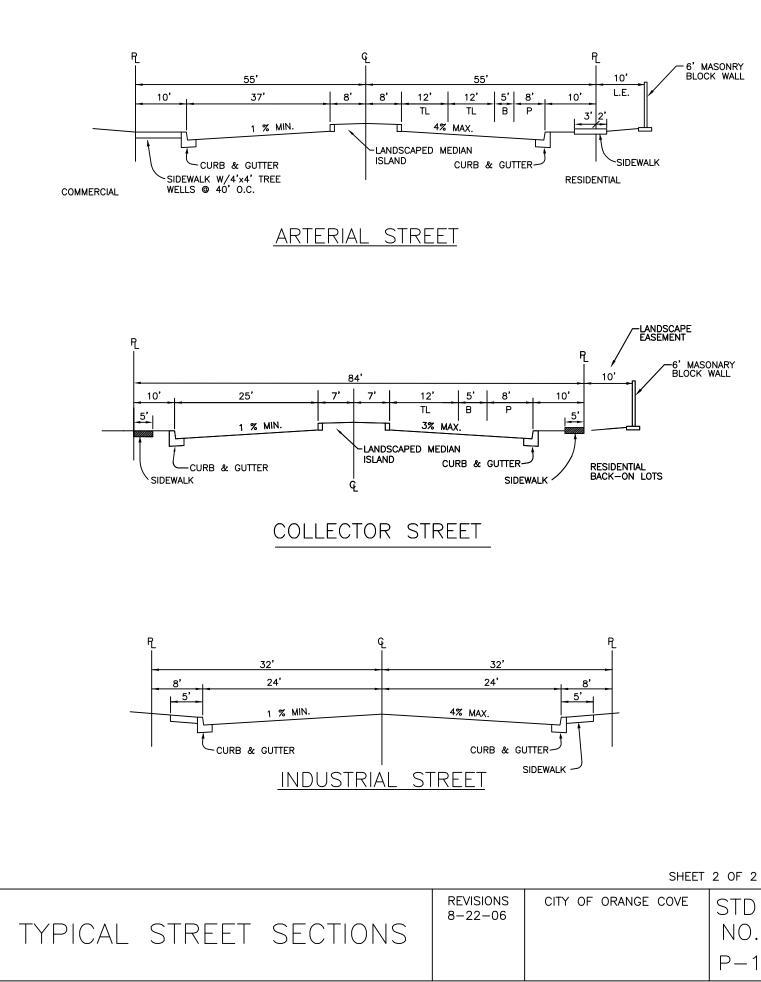


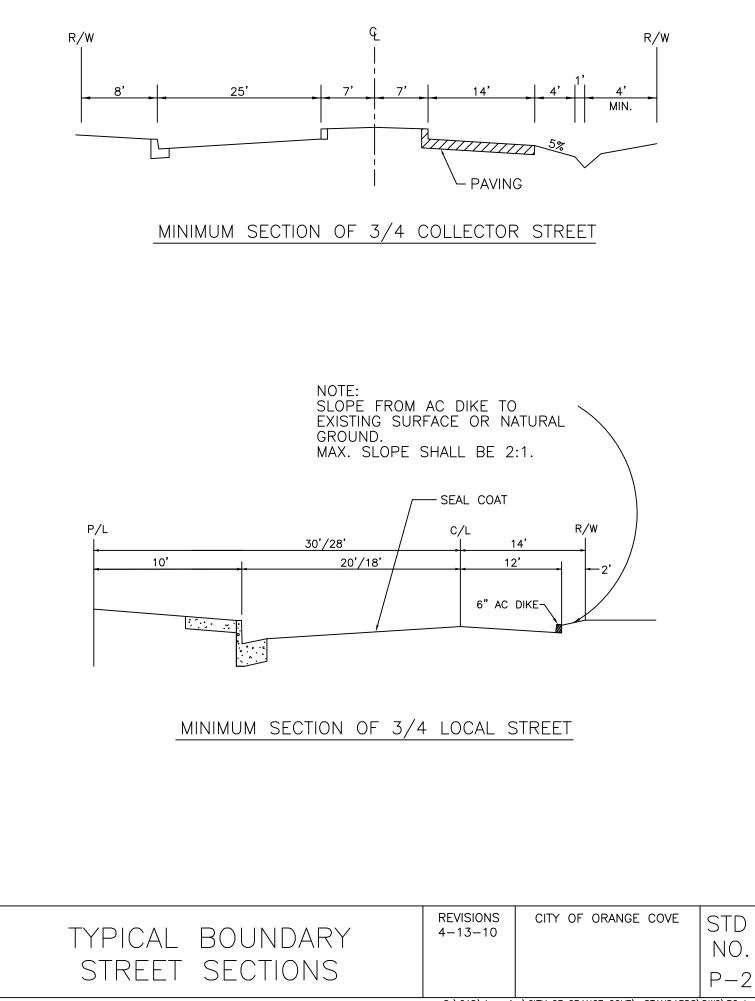


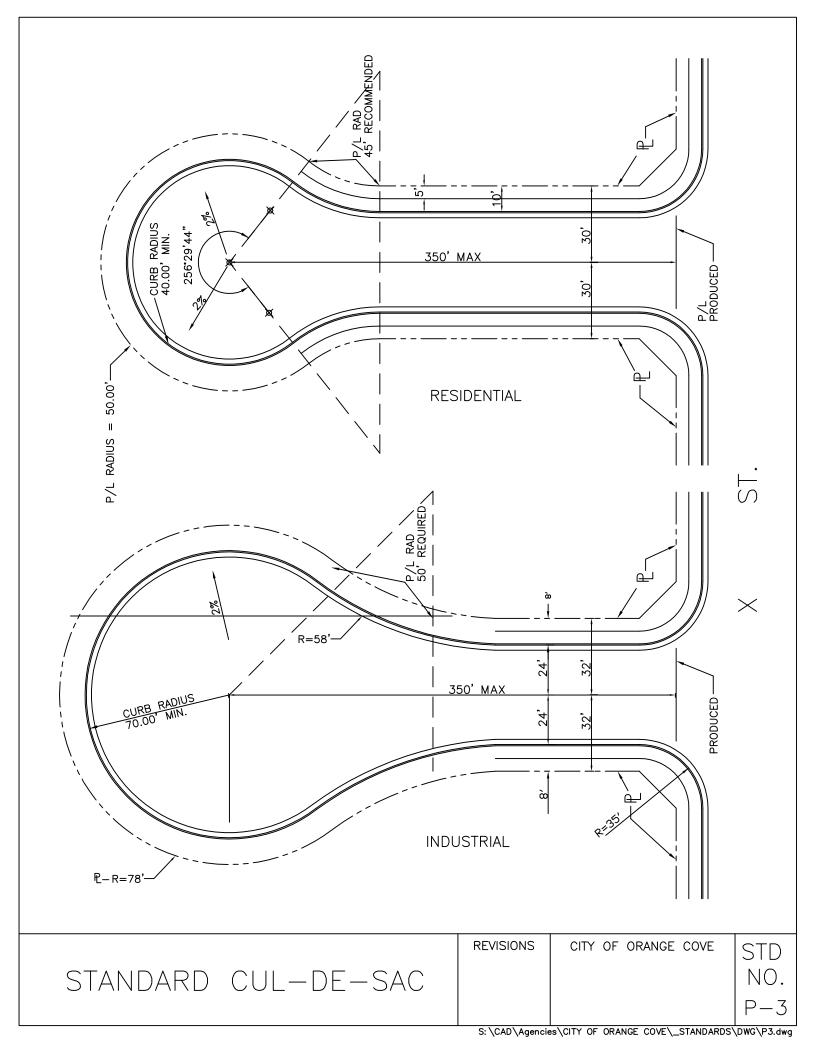
SHEET 1 OF 2

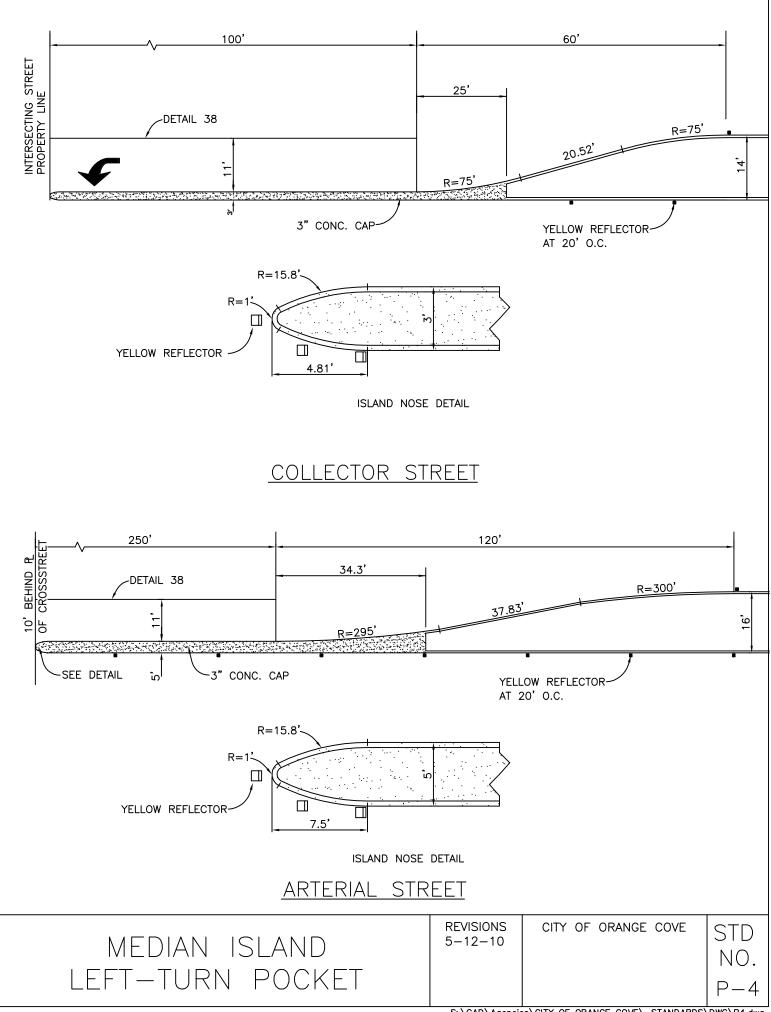
REVISIONS CITY OF ORANGE COVE STD 8-22-06 TYPICAL STREET SECTIONS NO. P-1

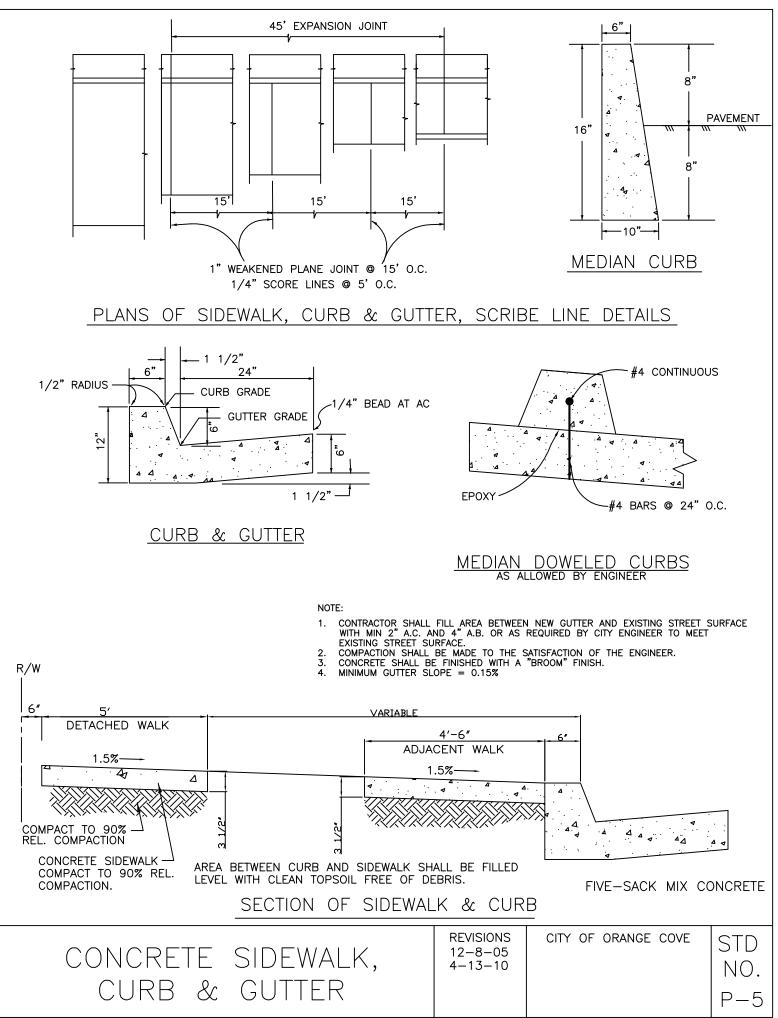
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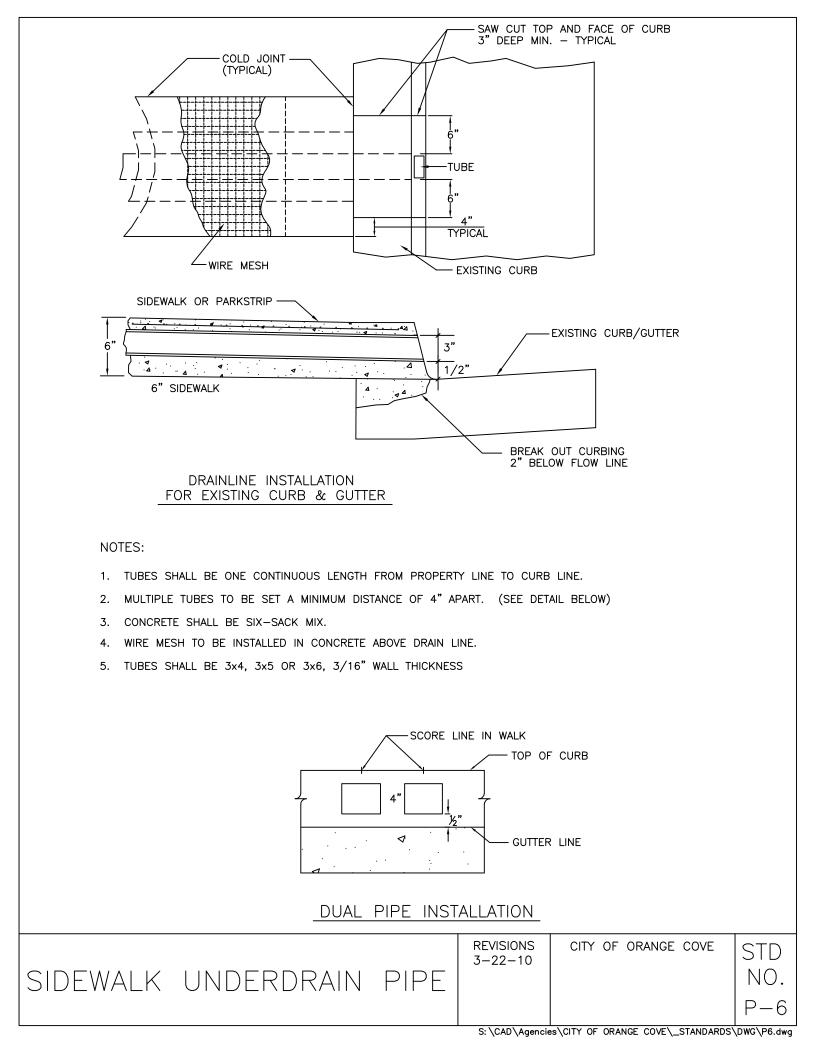


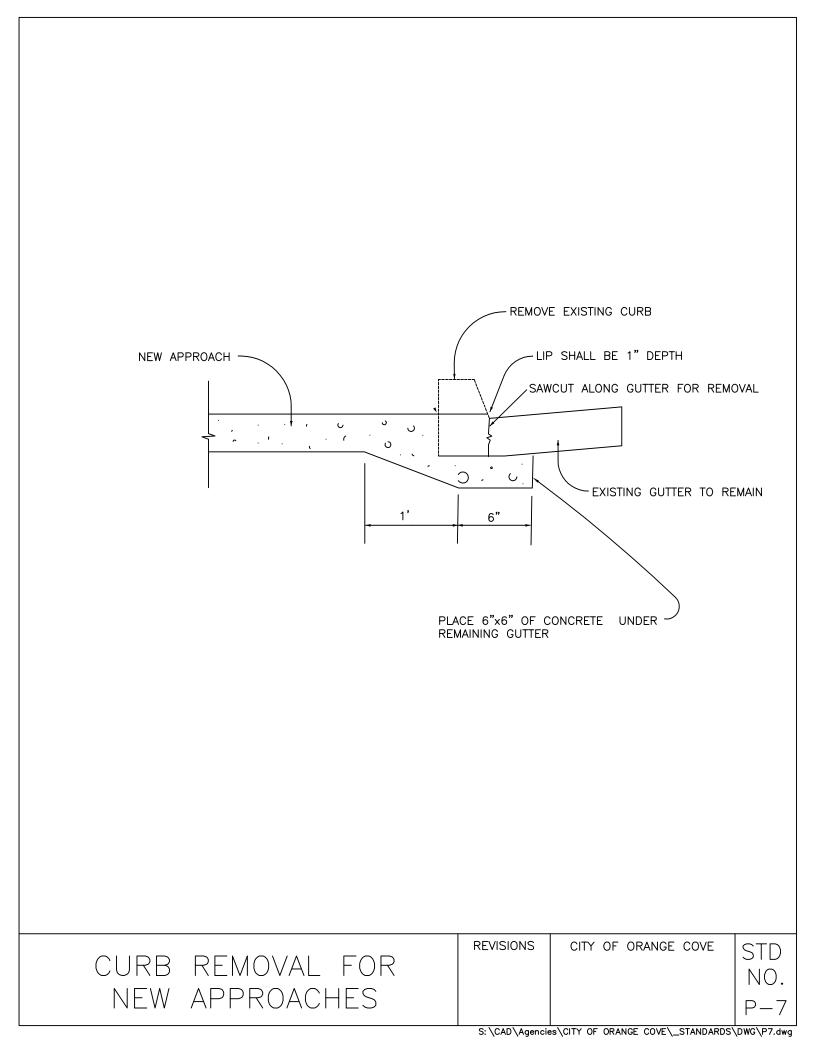


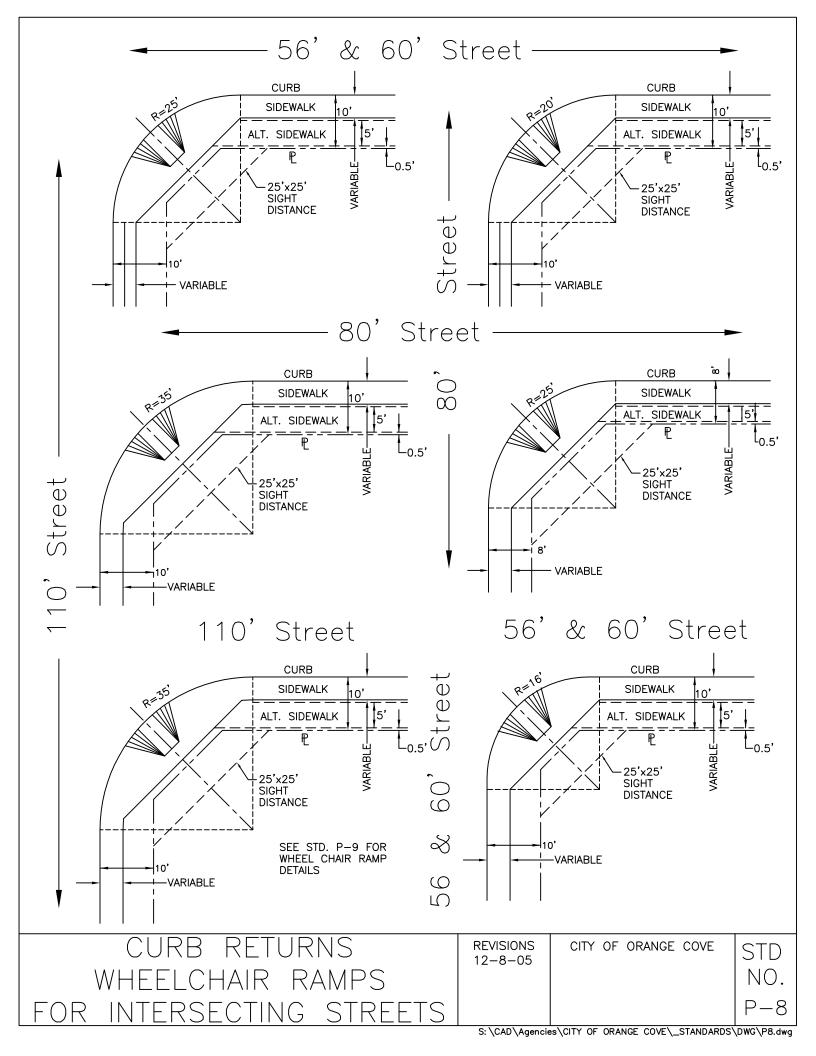


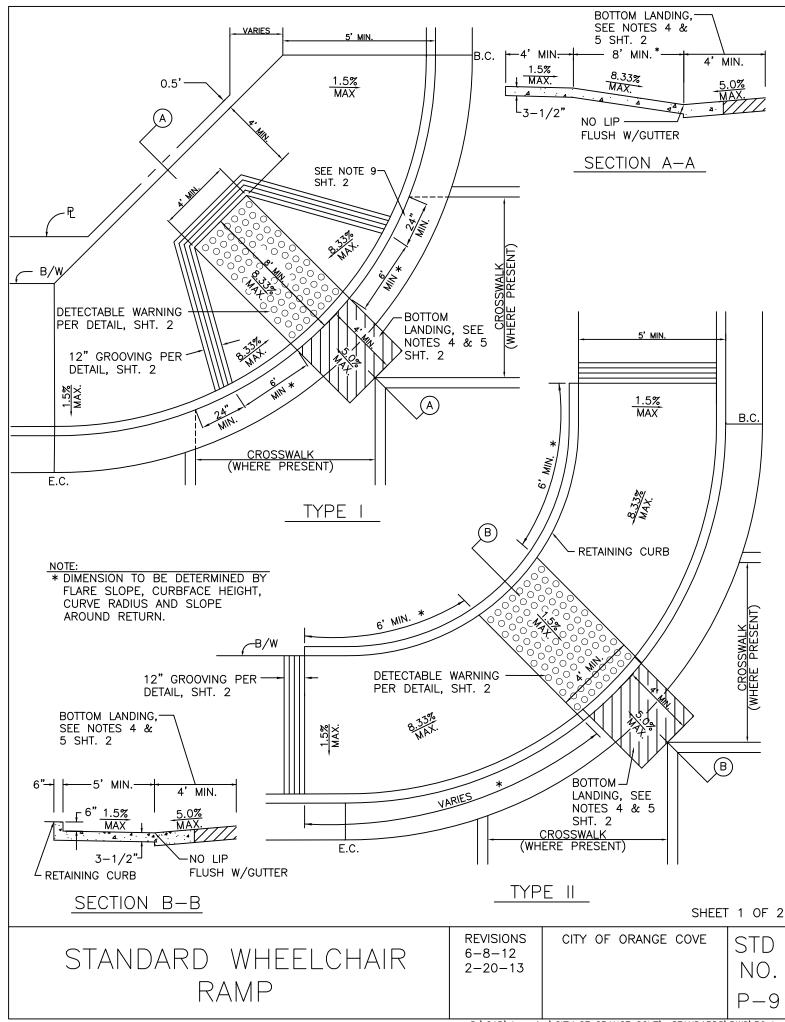


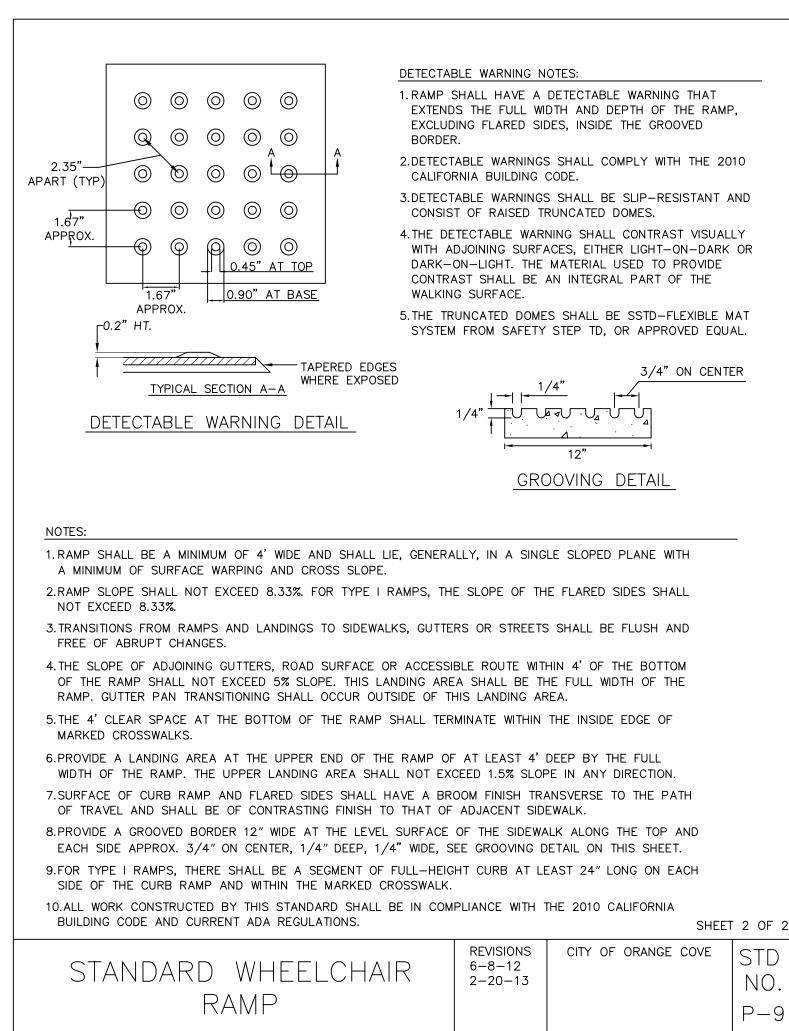




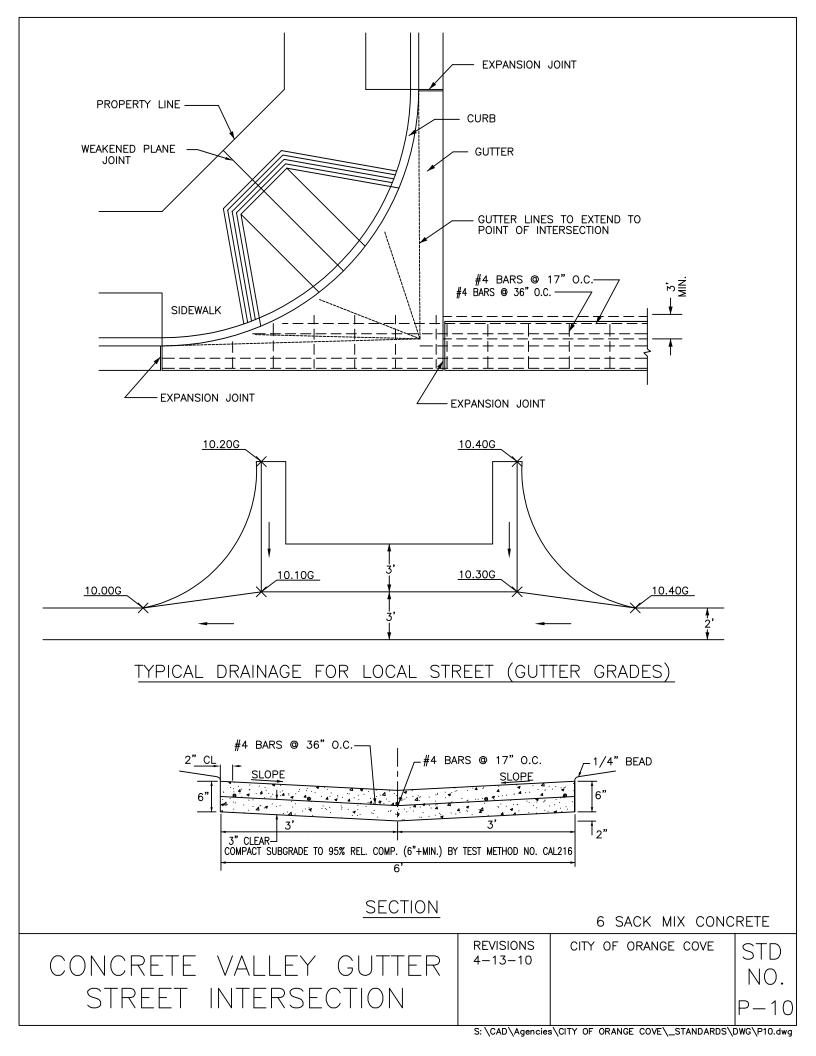


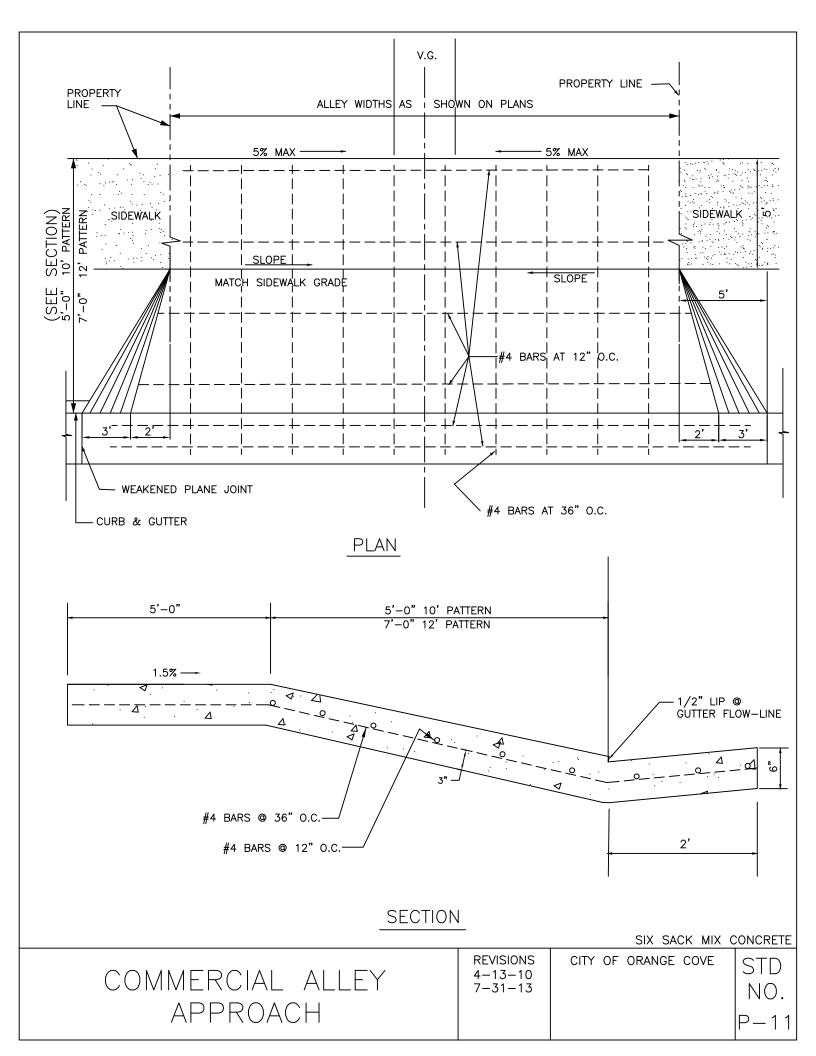


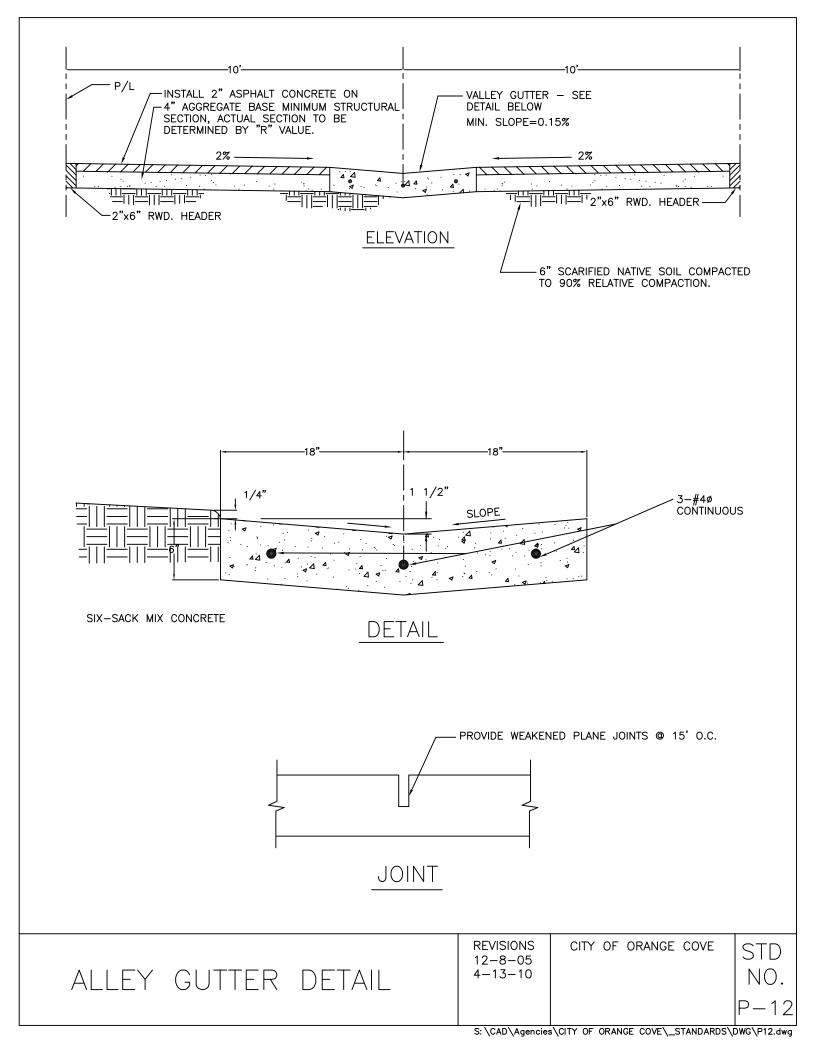


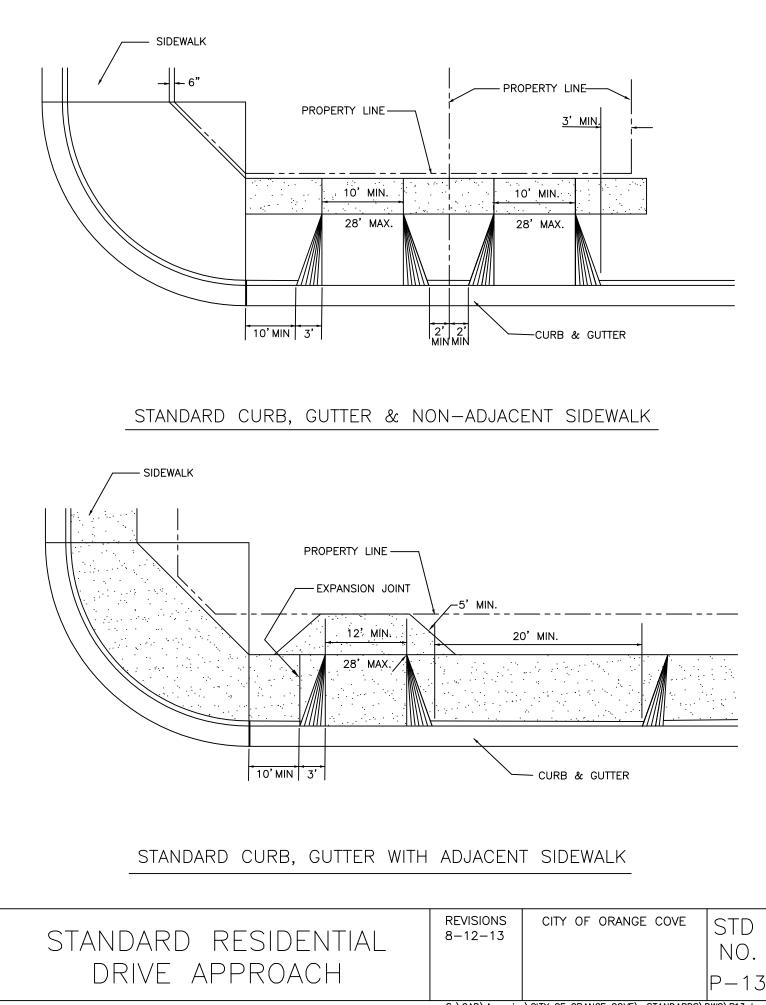


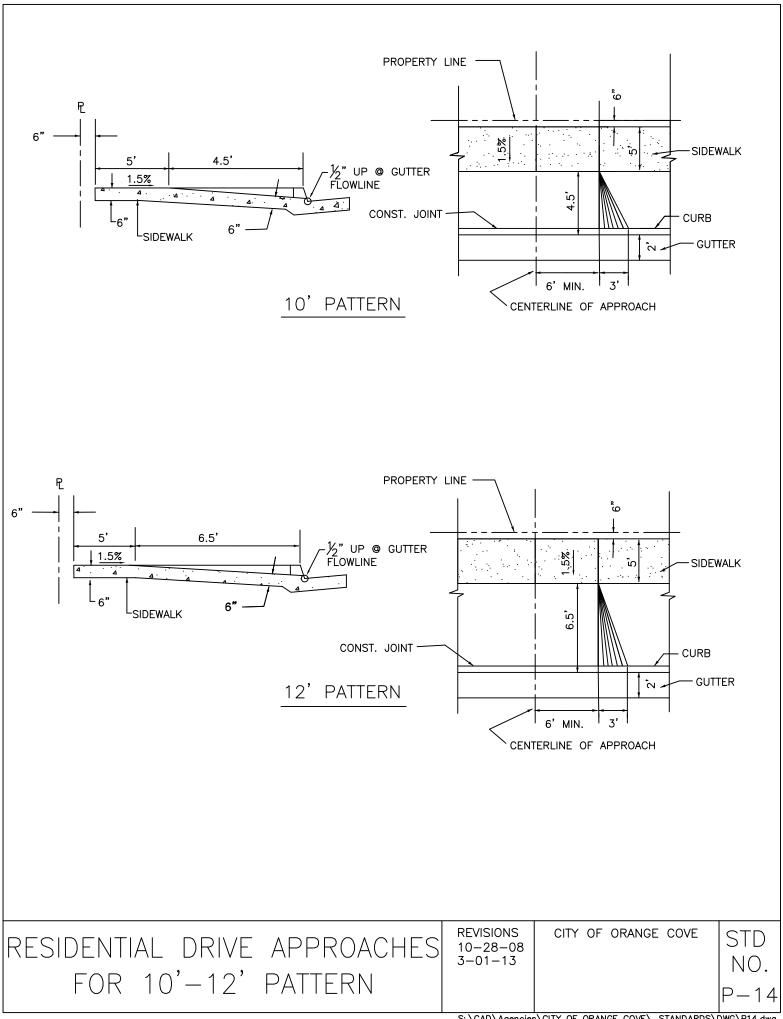
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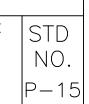




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| REVISIONS 12-8-05 8-12-13 |
|---------------------------------|

CITY OF ORANGE COVE





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

SEE DRIVE APPROACH STANDARDS

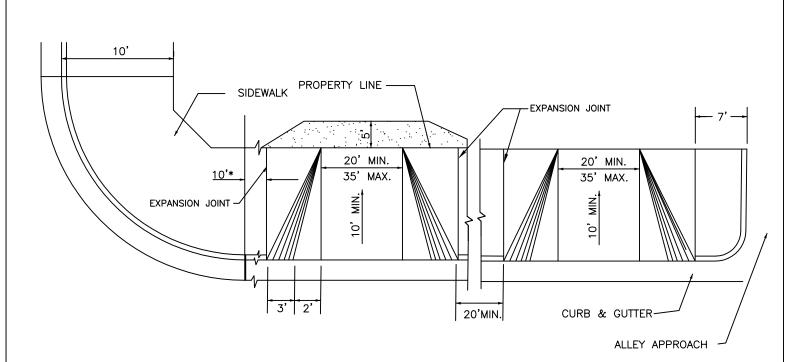
STANDARD COMMERCIAL

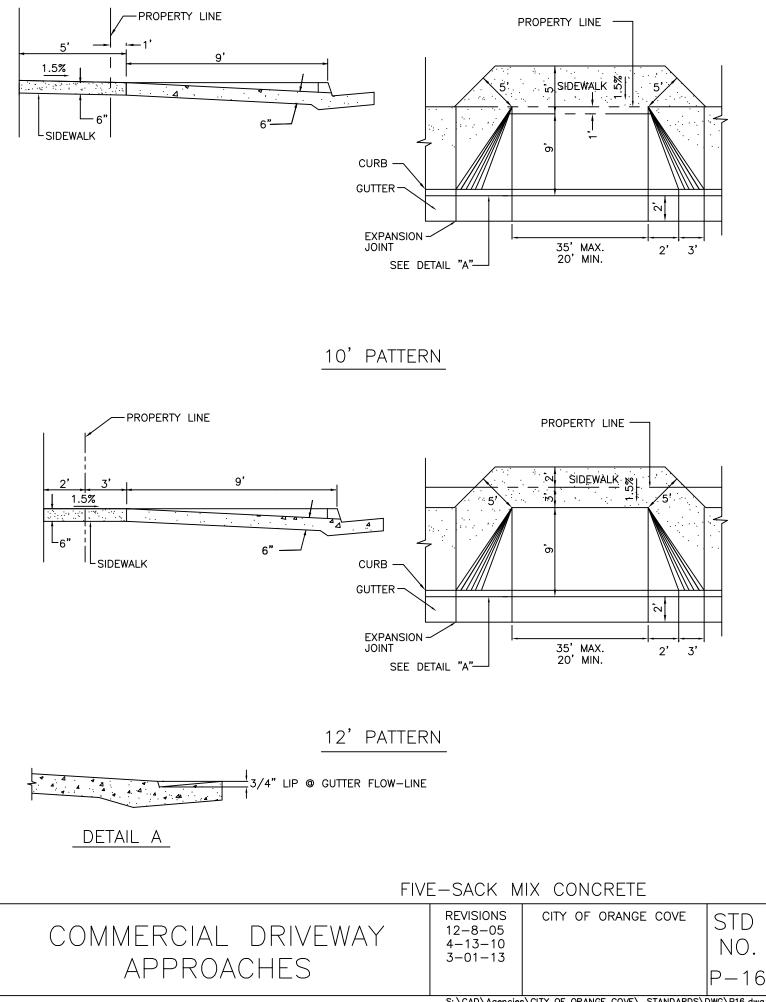
DRIVE APPROACH

NOTE:

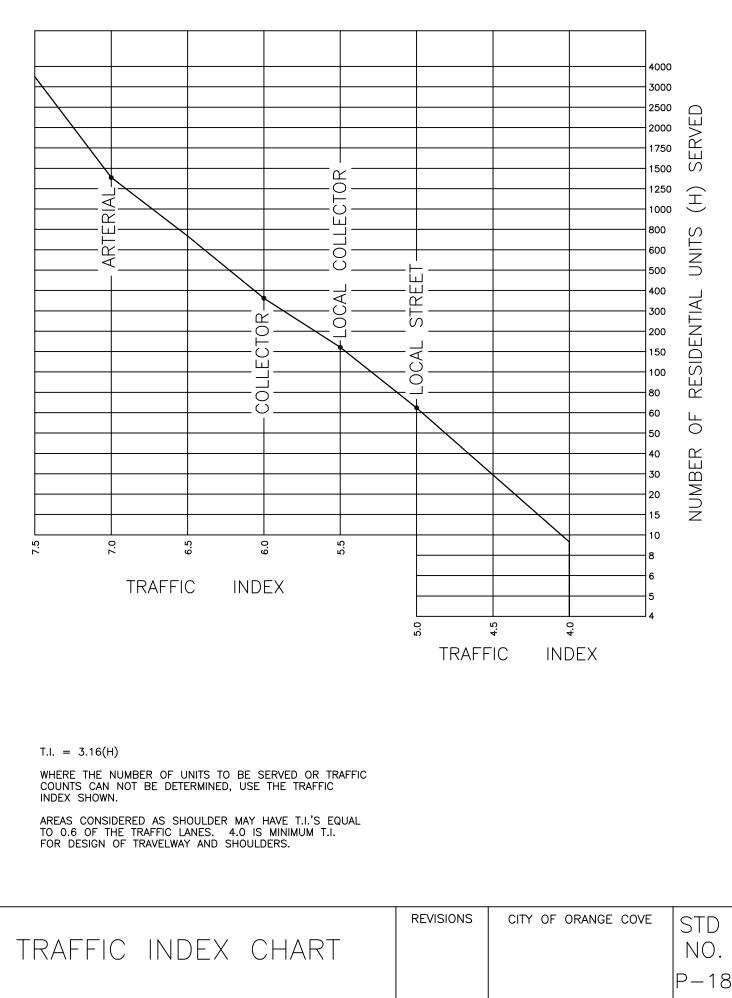


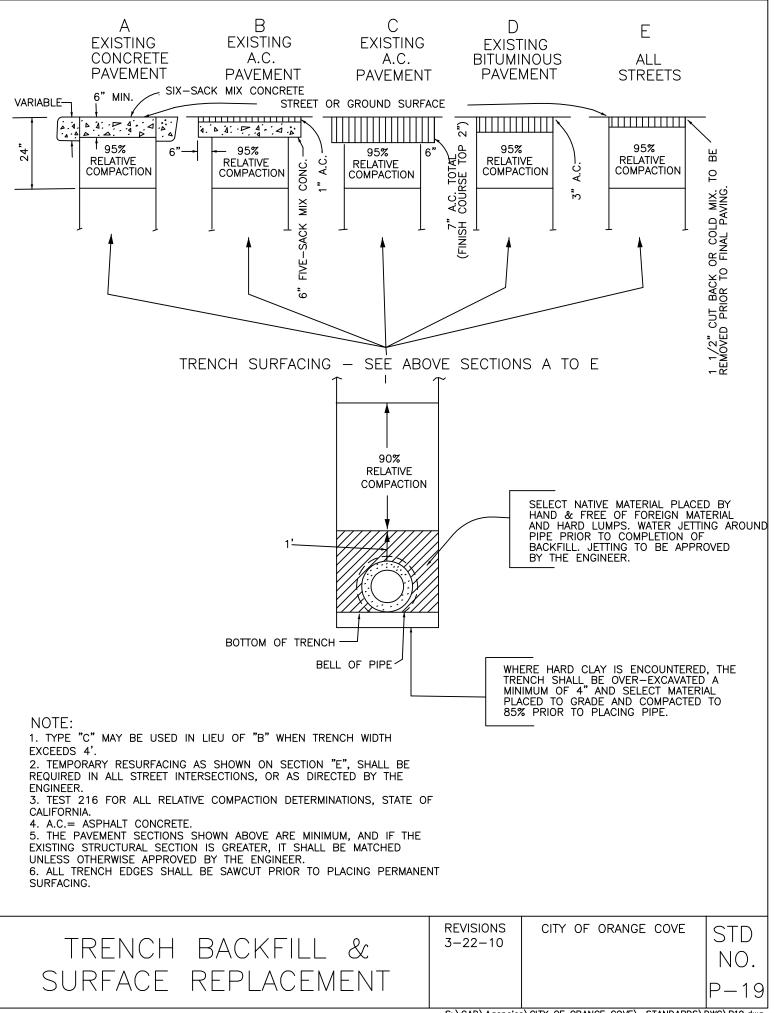
STANDARD COMMERCIAL CURB, GUTTER AND SIDEWALK

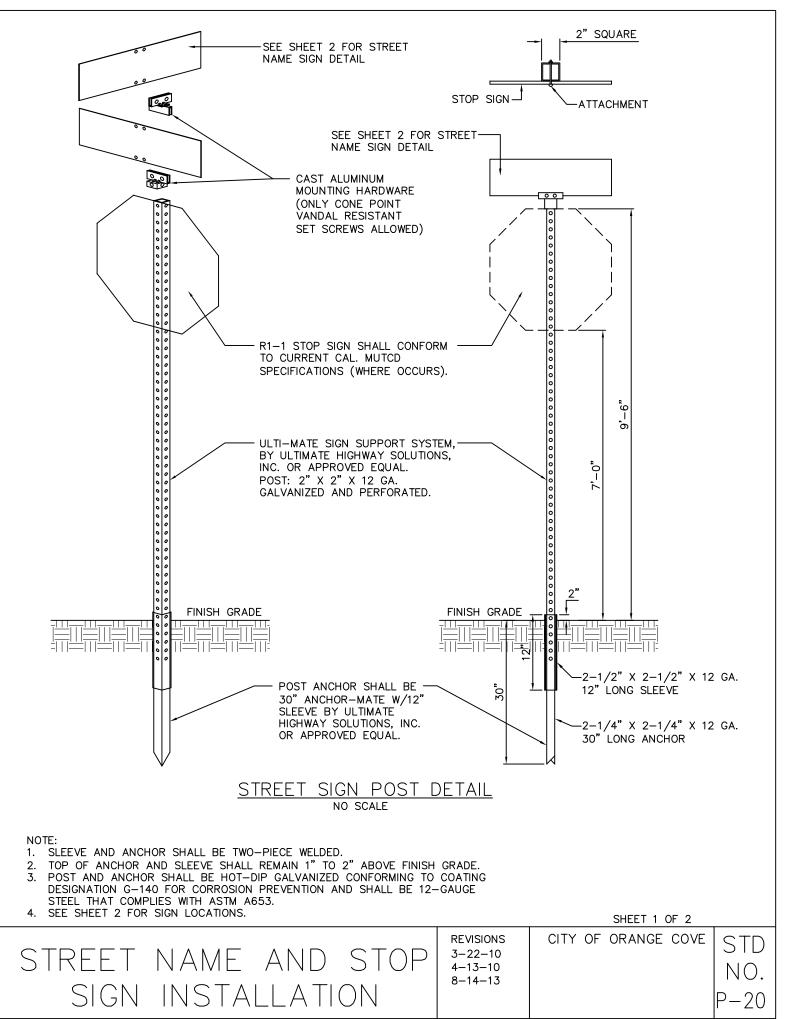


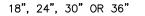


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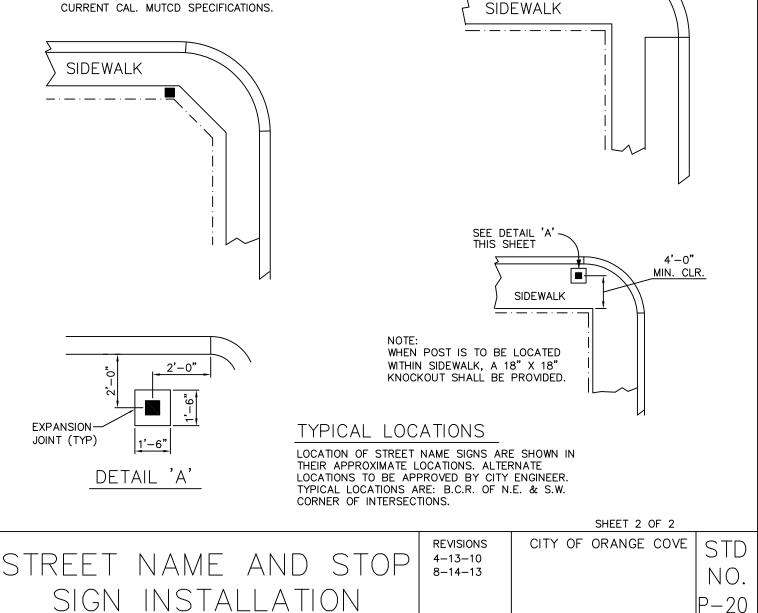


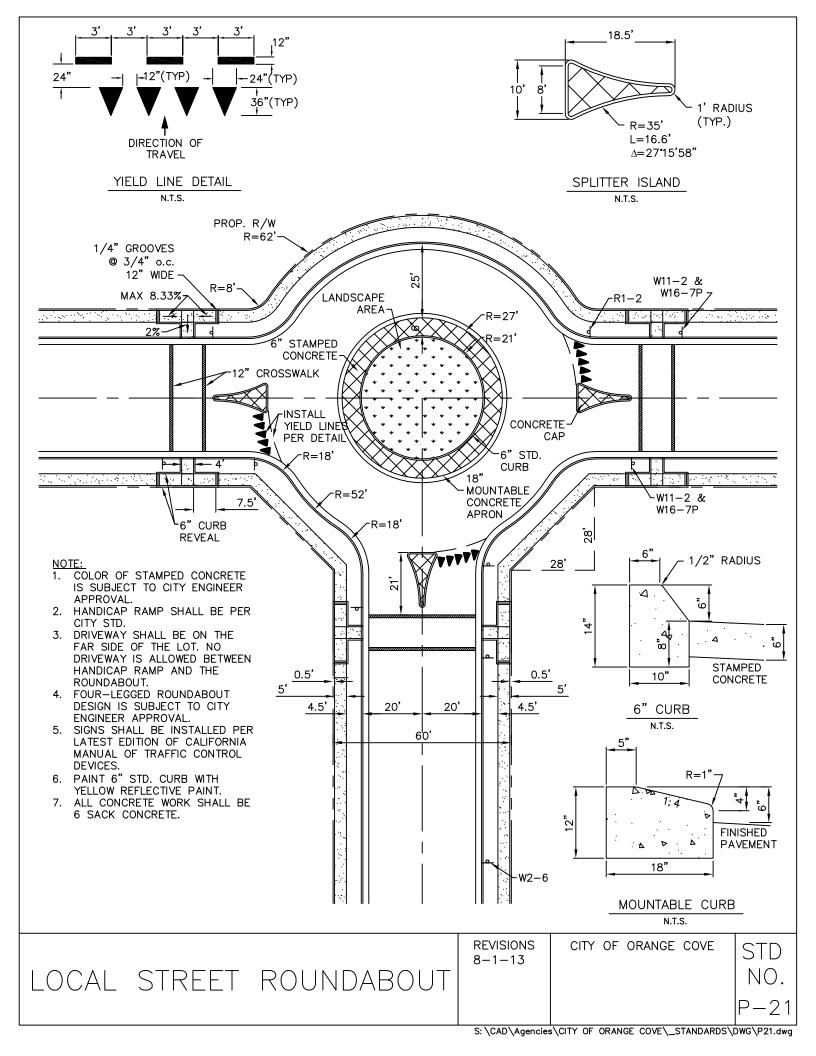
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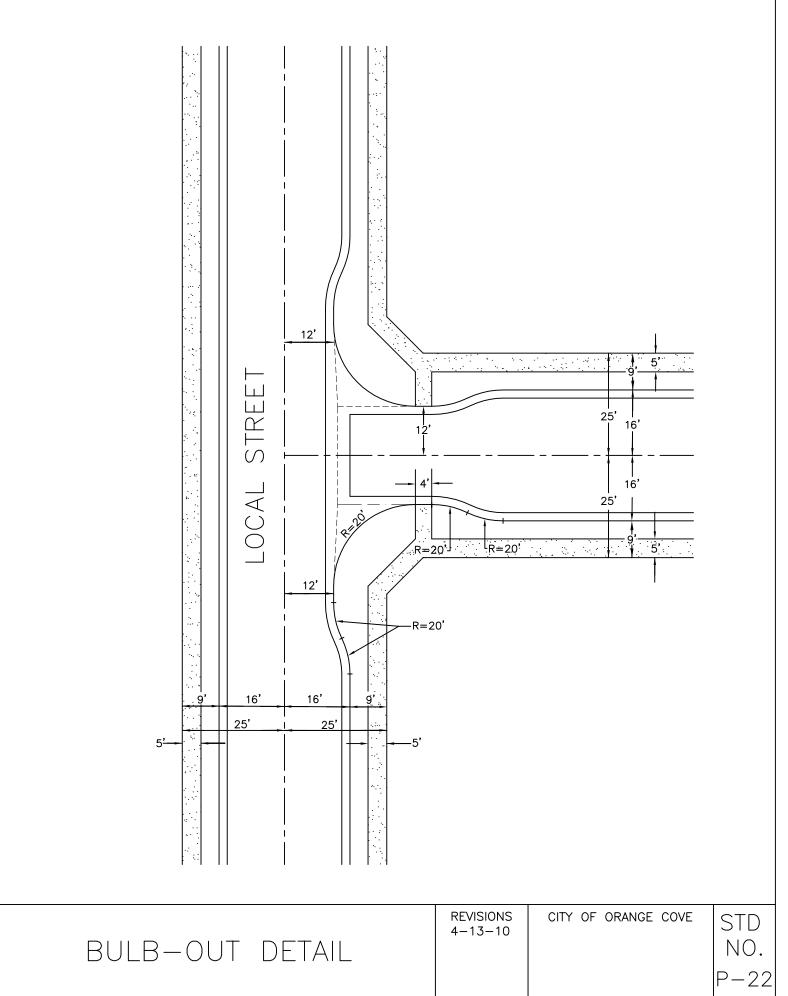
PARK STRIP

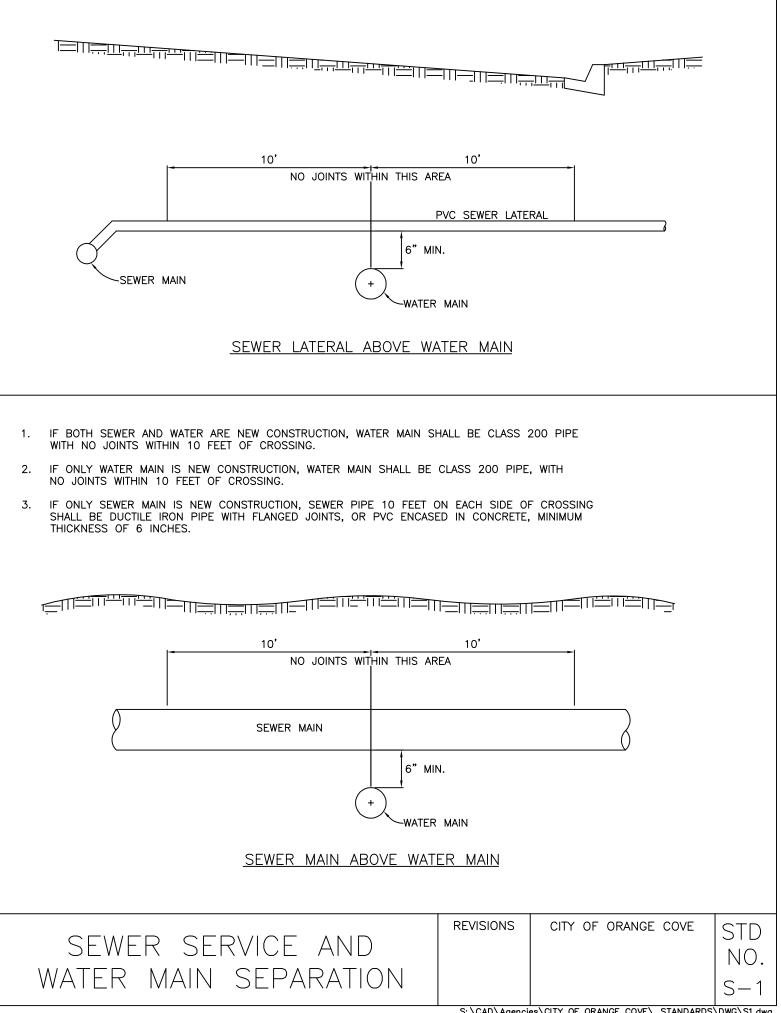
SIGN NOTES:

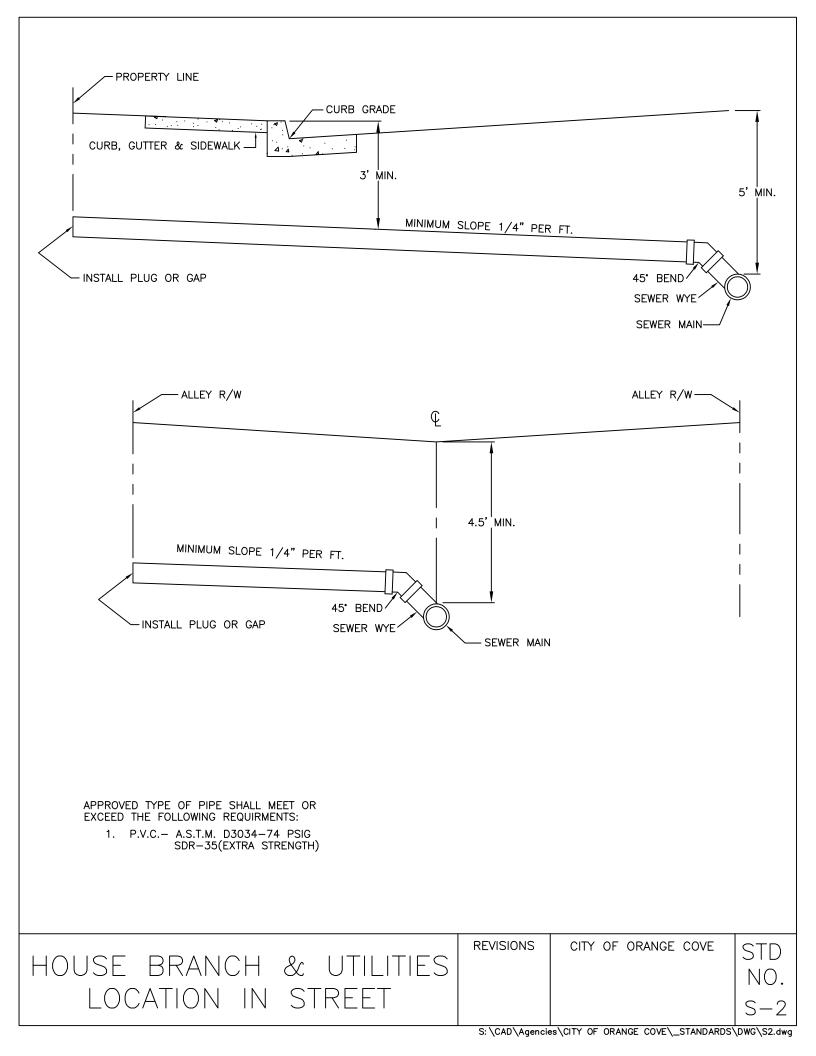
- 1. SIGN TO BE SINGLE BLADE DOUBLE FACED FINISH WITH NAME ON BOTH SIDES.
- SIGNS SHALL BE 14 GA. FLAT NON-EXTRUDED SIGN BLADE 2. MADE OF ALUMINUM ALLOY.
- 3. FINISH SHALL BE ENGINEERING GRADE (EG) TYPE 1 RETRO-REFLECTIVE SHEETING, GREEN BACKGROUND WITH WHITE LETTERS AND CITY LOGO ON THE LEFT SIDE.
- 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.



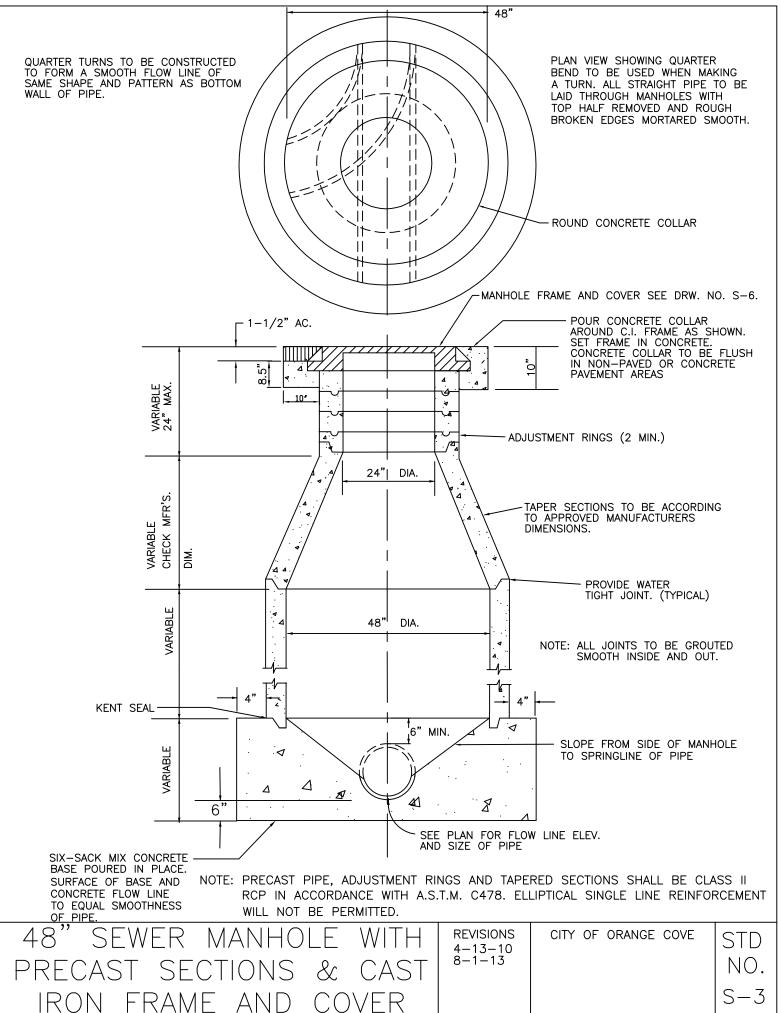


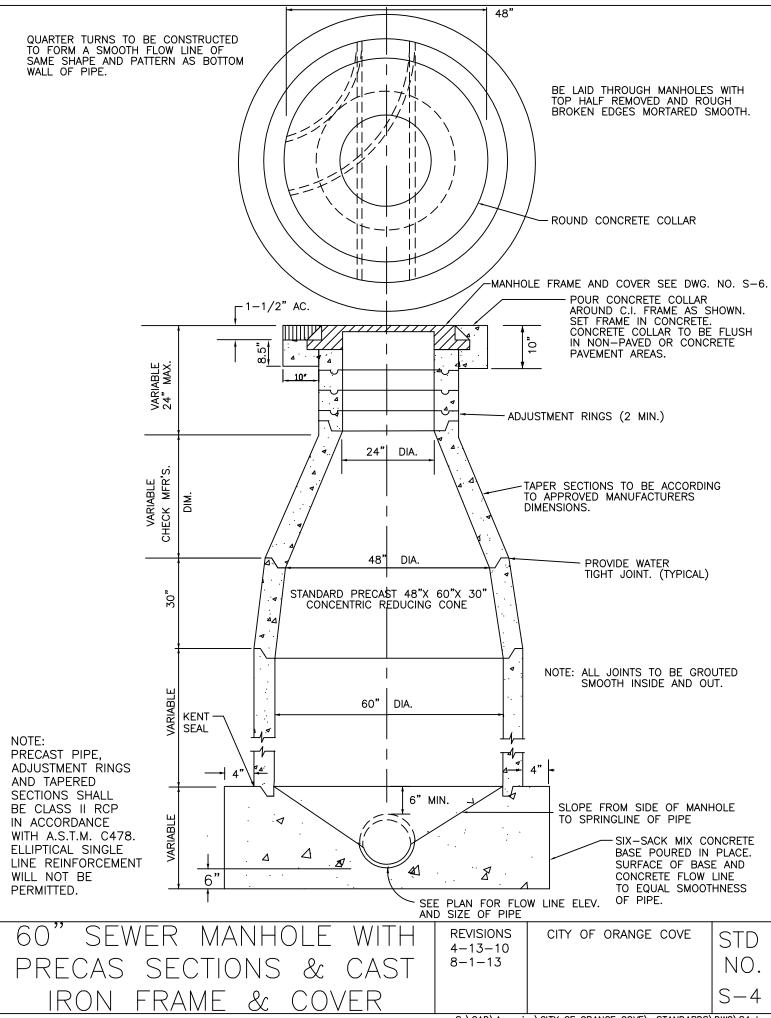


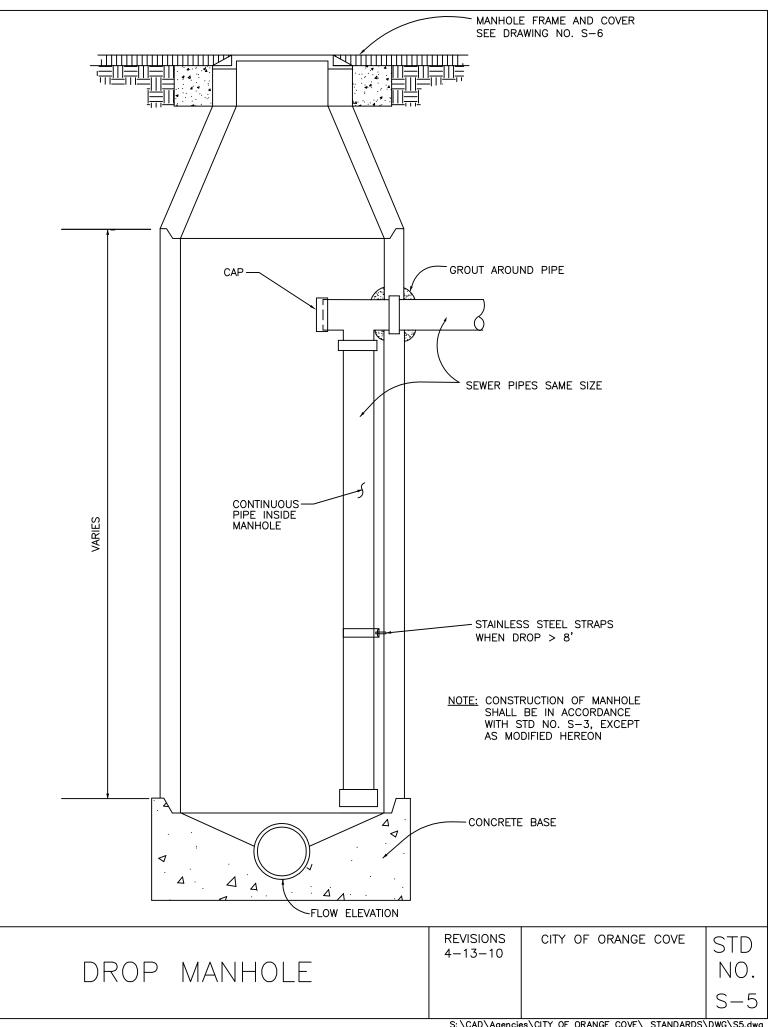


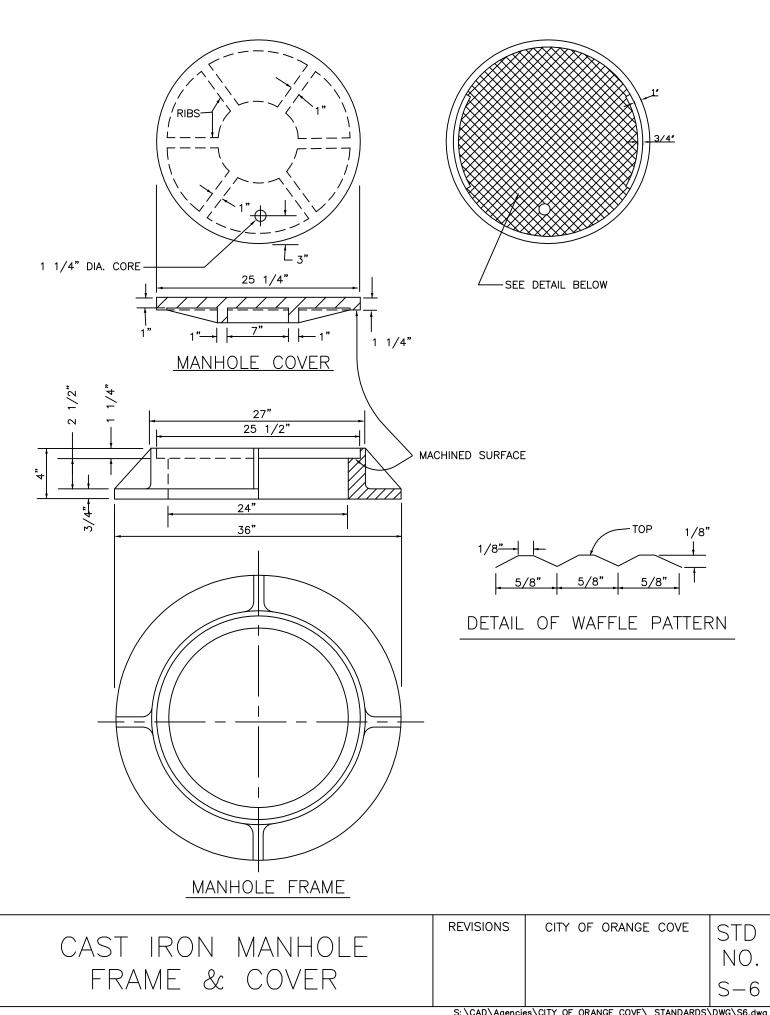


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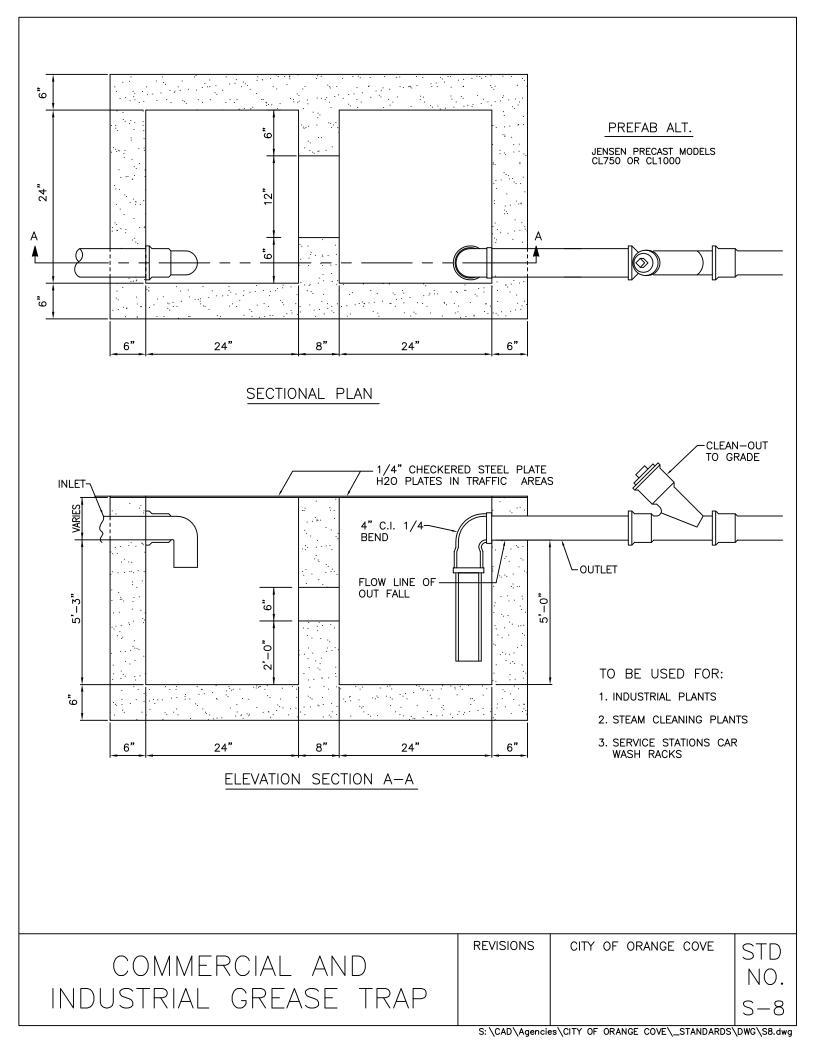


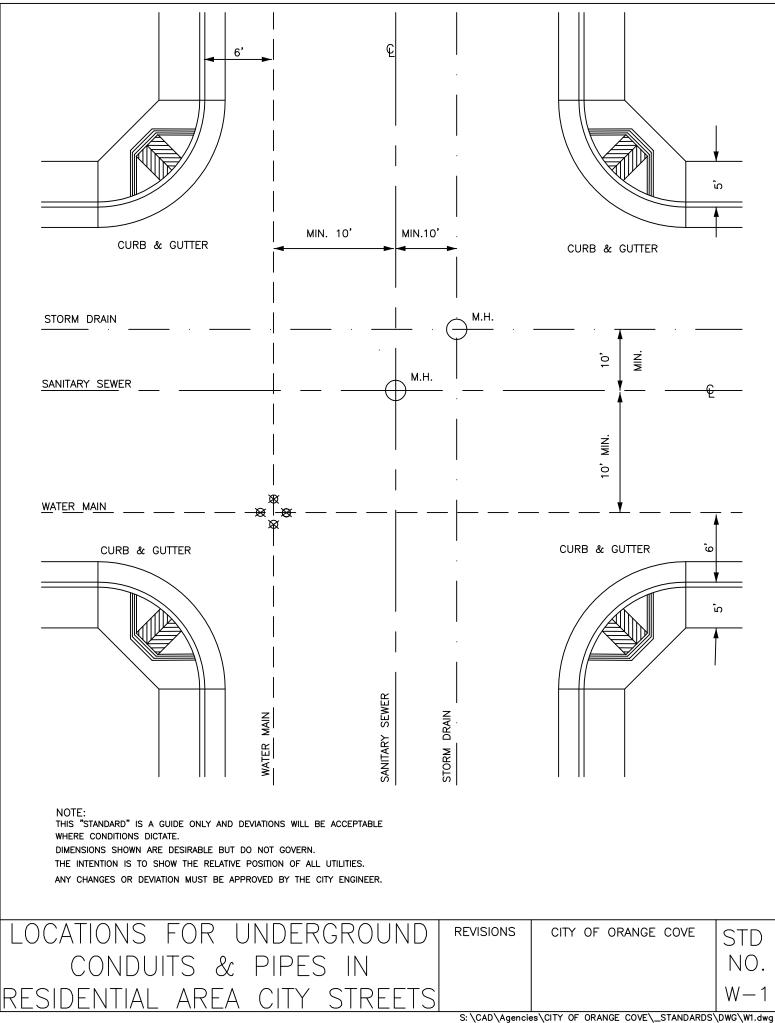


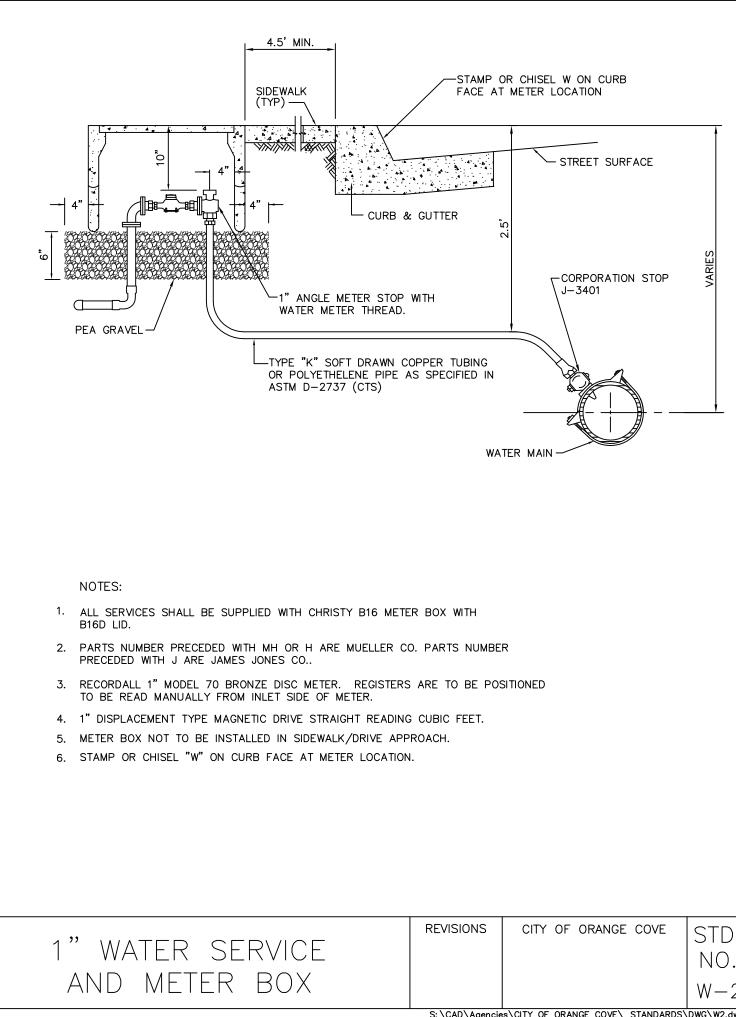


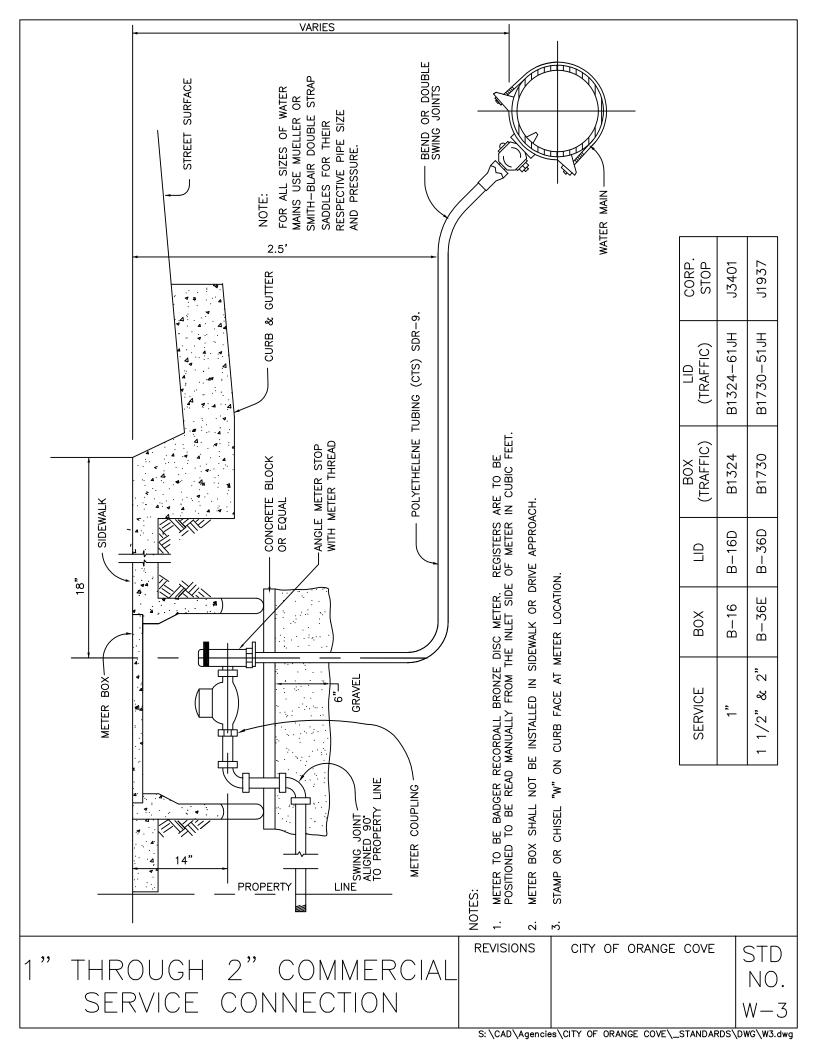


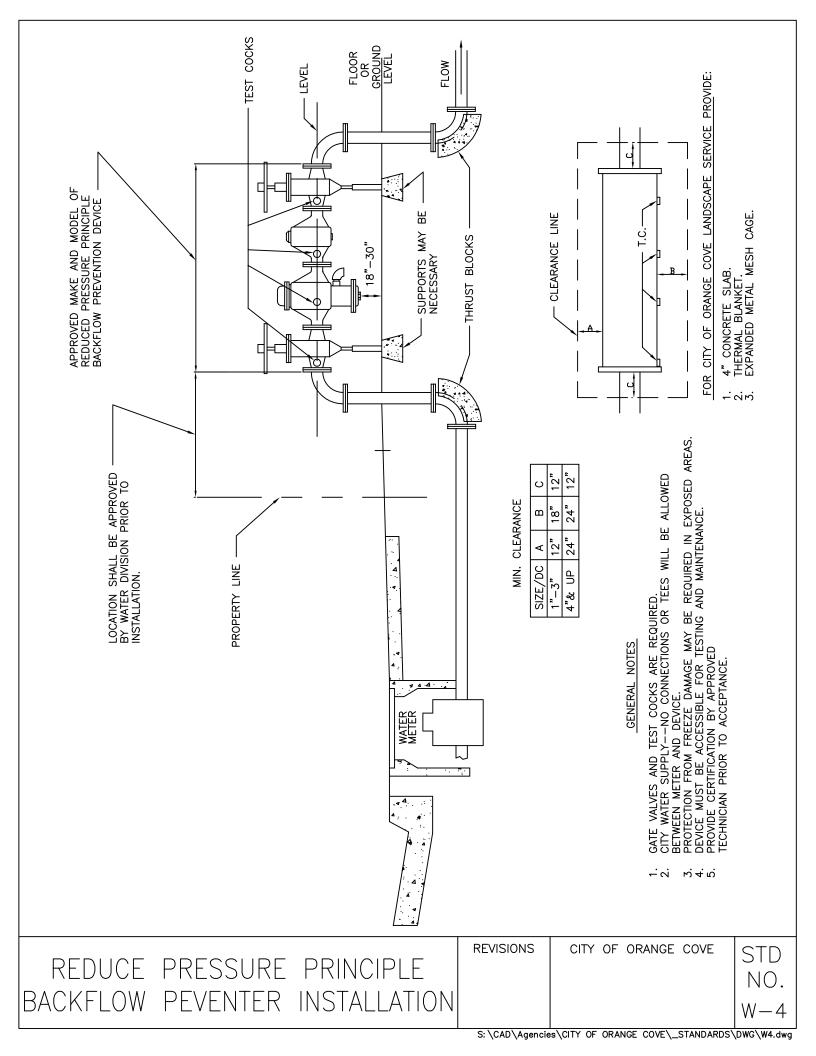
| NUTESI • CONSTRUCTION OF MANHOLE SHALL BE IN ACCORDANCE WITH THE SEMENT AND ALL OF | |
|---|--|
| ECCENTRIC MANHOLE | |
| | |

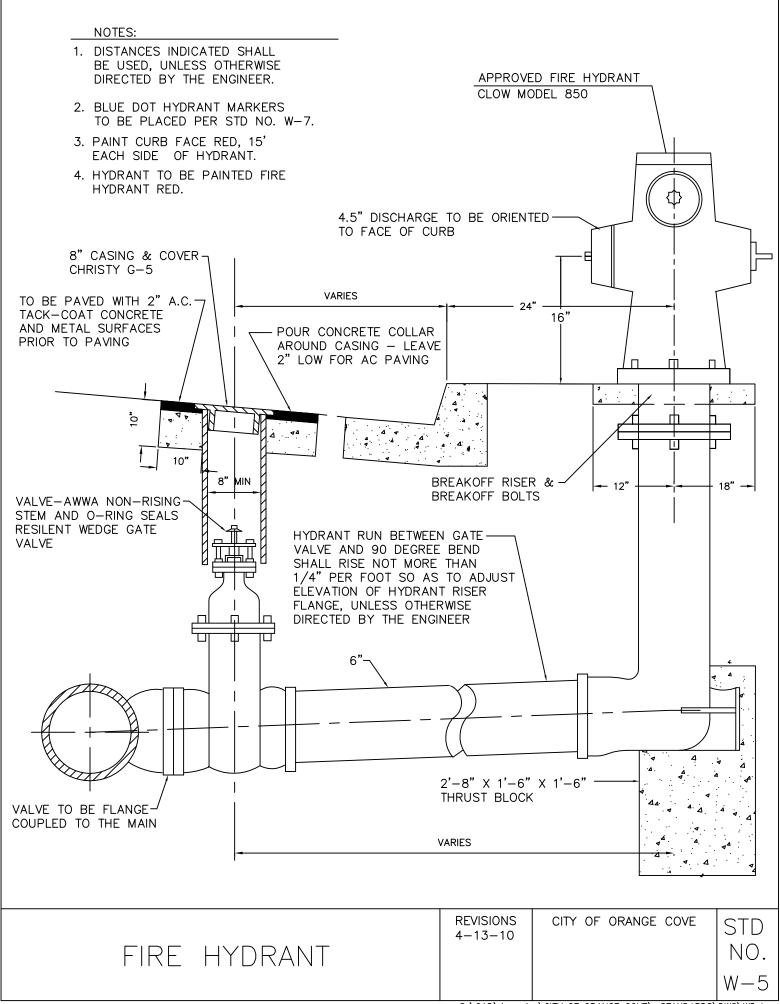


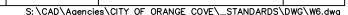






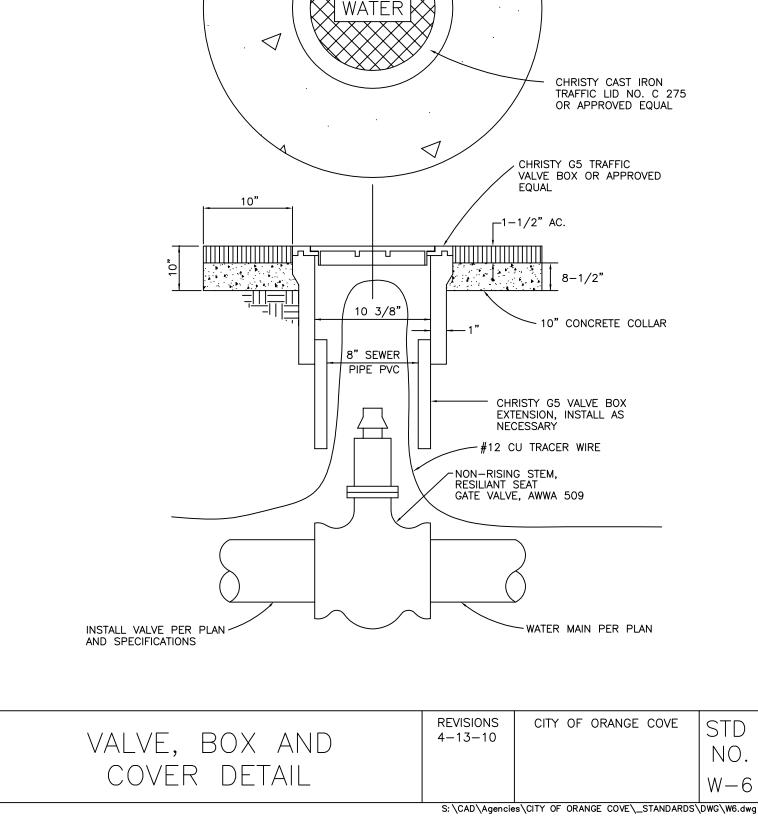




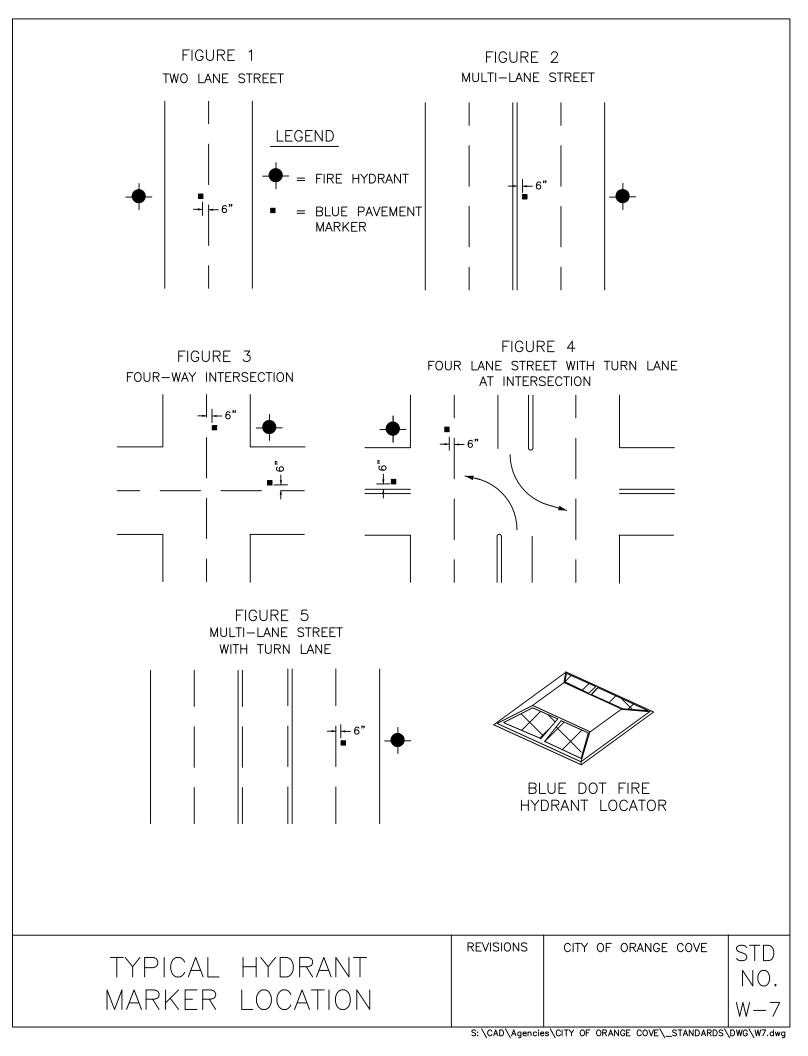


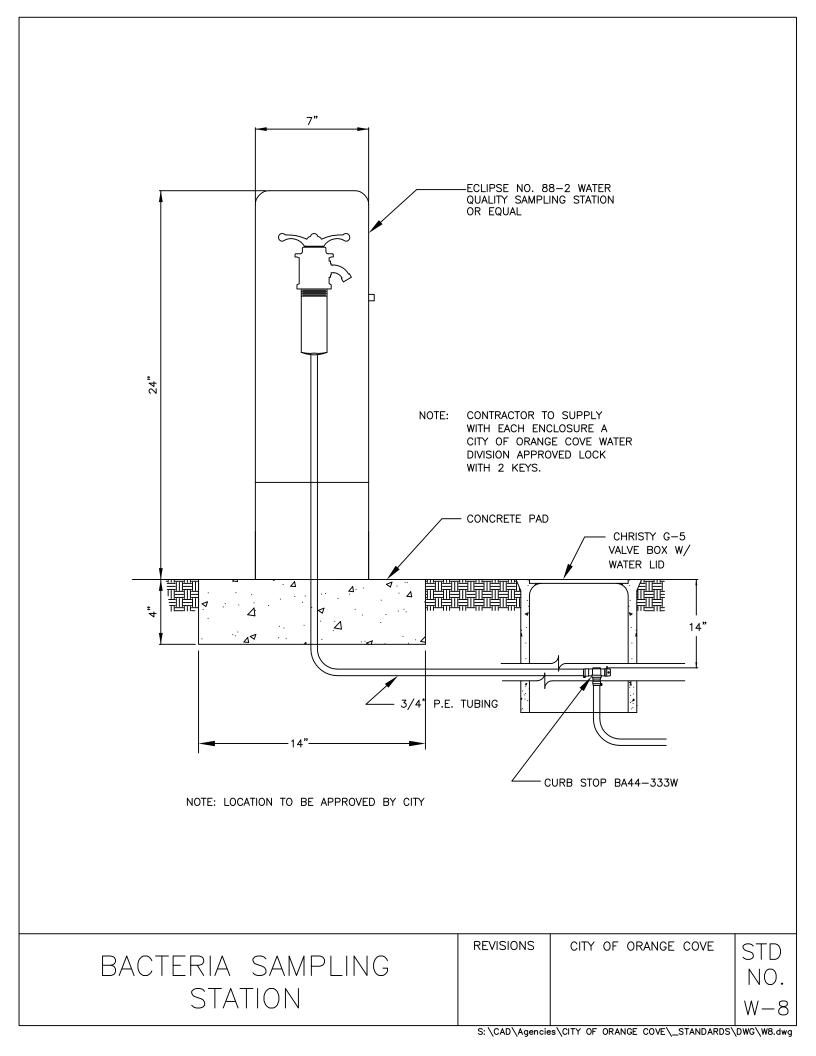
10" CONCRETE COLLAR UNDER PAVING

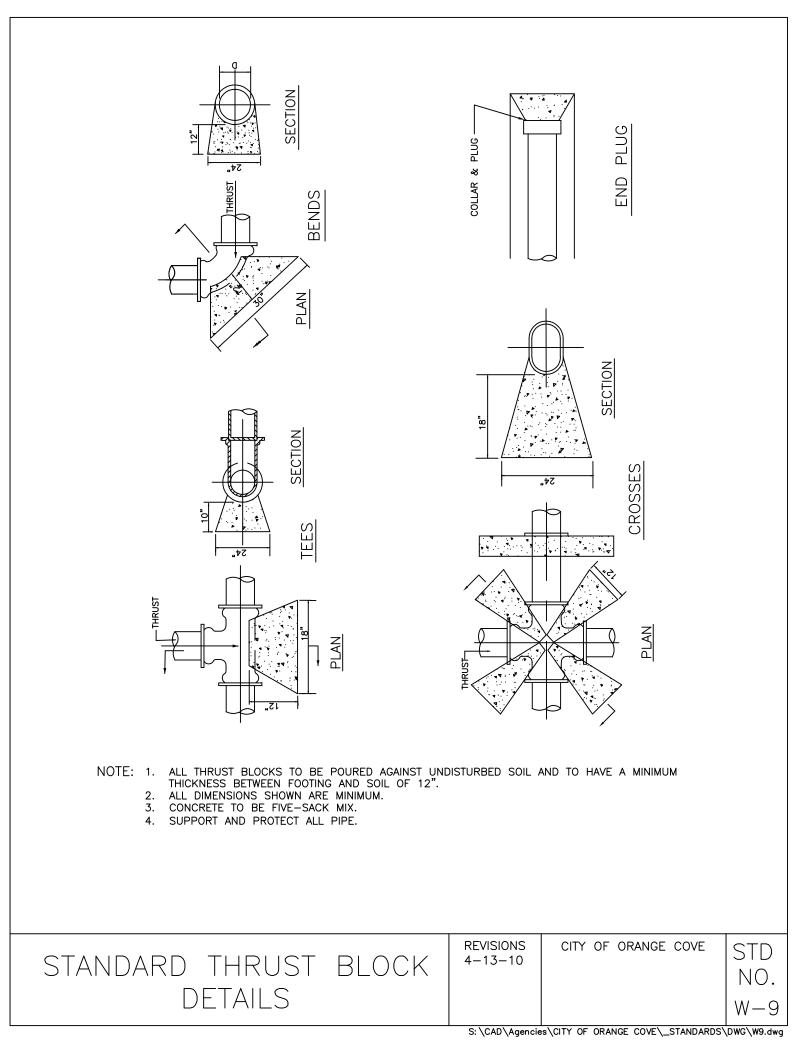
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HORIZONTAL BEND

