<table>
<thead>
<tr>
<th>Drawing</th>
<th>Sheets</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-1</td>
<td>1</td>
<td>Standard Street Light and Legend</td>
</tr>
<tr>
<td>5-2</td>
<td>1</td>
<td>Post Top Street Light</td>
</tr>
<tr>
<td>5-3</td>
<td>1</td>
<td>Typical Street Light Locations, Arterial Streets</td>
</tr>
<tr>
<td>5-4</td>
<td>1</td>
<td>Typical Street Light Locations, Collector and Residential Streets</td>
</tr>
<tr>
<td>5-5</td>
<td>1</td>
<td>Base Location for Street Light</td>
</tr>
<tr>
<td>5-6</td>
<td>1</td>
<td>Single Light Direct Service</td>
</tr>
<tr>
<td>5-7</td>
<td>1</td>
<td>Service Point Pull Box</td>
</tr>
<tr>
<td>5-8</td>
<td>1</td>
<td>Electric Service Pedestal</td>
</tr>
<tr>
<td>IT-1</td>
<td>1</td>
<td>Standard Cable Trench Sections</td>
</tr>
<tr>
<td>IT-2</td>
<td>1</td>
<td>Fiber Optics &amp; Signal Interconnect Pull Boxes</td>
</tr>
<tr>
<td>IT-3</td>
<td>1</td>
<td>4’ X 7’ Vault Detail 1</td>
</tr>
<tr>
<td>IT-4</td>
<td>1</td>
<td>4’ X 7’ Vault Detail 2</td>
</tr>
<tr>
<td>IT-5</td>
<td>1</td>
<td>3’ X 5’ Vault Detail 1</td>
</tr>
<tr>
<td>IT-6</td>
<td>1</td>
<td>3’ X 5’ Vault Detail 2</td>
</tr>
<tr>
<td>IT-7</td>
<td>1</td>
<td>Fiber Optic Conduit Handhole Entry</td>
</tr>
<tr>
<td>IT-8</td>
<td>1</td>
<td>Typical Fiber Optic Conduit Sweep Detail</td>
</tr>
</tbody>
</table>
STREET LIGHT

<table>
<thead>
<tr>
<th>POLE DATA</th>
<th>ARM</th>
<th>FOUNDATION</th>
<th>ANCHOR BOLTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A HEIGHT</td>
<td>P</td>
<td>F</td>
<td>M LENGTH</td>
</tr>
<tr>
<td>22'-6&quot;</td>
<td>25'-0&quot;</td>
<td>3'-4&quot;</td>
<td>6'</td>
</tr>
<tr>
<td>27'-6&quot;</td>
<td>30'-0&quot;</td>
<td>5'-0&quot;</td>
<td>6'</td>
</tr>
</tbody>
</table>

NOTES:
1. PULL BOX SHALL BE INSTALLED ADJACENT TO POLE WITHIN 36", PULL BOX SHALL NOT BE LOCATED IN SIDEWALK WITHOUT PRIOR APPROVAL OF THE COUNTY ENGINEER.
2. WHEN A SECONDARY PULL BOX IS LOCATED WITHIN 8' OF POLE, PULL BOX AT BASE OF STREETLIGHT IS NOT REQUIRED.
3. COMPLY WITH ALL UTILITY REQUIREMENTS.
4. STREET LIGHT NUMBERING SHALL BE AS REQUIRED BY PACIFIC GAS AND ELECTRIC (UTILITY).
5. PROVIDE SHIELDS ON HOUSE SIDE.

COUNTY OF YOLO
PLANNING AND PUBLIC WORKS DEPARTMENT
STANDARD STREET LIGHT AND LEGEND

CIVIL ENGINEER NO. C42401
APPROVAL DATE: 28/06/08
DRAWING #: 5-1
NOT TO SCALE
POST TOP LIGHT

POLE DATA

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>P</th>
<th>ACCEPTABLE PRODUCTS</th>
<th>FOUNDATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>12', 14', 16'</td>
<td>VARIES</td>
<td>UNION METAL DESIGN SERIES 201 AMERON SERIES PGF VALMONT SERIES DS 200 OR APPROVED EQUIVALENT</td>
<td>30&quot; 27&quot; 24&quot;</td>
</tr>
<tr>
<td>18'</td>
<td>VARIES</td>
<td></td>
<td>36&quot; 27&quot; 24&quot;</td>
</tr>
</tbody>
</table>

NOTES:
1. REFER TO UTILITY REQUIREMENTS FOR CONDUITS, WIRING AND GROUNDING.
STREET LIGHT PLACEMENT
ARTERIAL STREETS

NOTE:
1. SEE SECTION 5-6 OF THE SPECIFICATIONS FOR STREET LIGHT SPACING.
STREET LIGHT PLACEMENT ON COLLECTOR AND RESIDENTIAL STREETS

TYPE III

PLACE ON NEAREST LOT LINE

COLLECTOR

TYPE II MID BLOCK

LOCAL

TYPE III AT INTERSECTIONS

TYPE III
SECTION B-B

PLAN—STREET LIGHT AT CURB GUTTER AND SIDEWALK

NOTES:
1. CONDUIT TRENCH BACKFILL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
2. LANDSCAPING GRADES IN THE AREA OF THE STREET LIGHT STANDARD WILL MATCH BASE ELEVATION. SEE SHEET 5-7 FOR STREET LIGHT SERVICE POINT PULL BOX DETAILS.
3. INSTALL RODENT SCREEN AT THE BOTTOM OF THE PULL BOX.
4. IF CONDUIT IS LOCATED BENEATH THE SIDEWALK, IT MAY BE PLACED AT 18" DEPTH INSTEAD OF 2'.
5. PULL BOX MAY BE OMITTED IF SERVICE PT IS WITHIN 50' OF LIGHT.
6. PRECAST BASES MAY BE USED, BUT MUST BE BACKFILLED WITH 2-SACK CONCRETE SLURRY VIBRATED INTO PLACE.
7. PROVIDE SHIELD ON HOUSE SIDE.

SECTION A-A

PLAN—STREET LIGHT AT PLANTER STRIP

COUNTY OF YOLO
PLANNING AND PUBLIC WORKS DEPARTMENT
BASE LOCATION
FOR STREET LIGHT

COUNTY ENGINEER No. C42401
APPROVAL DATE

DRAWING #: 5-5
DATE: 08/05/08
SHEET #: 1 OF 1
NOT TO SCALE
NOTES:

1. CONNECT NEUTRAL CONDUCTOR TO GROUNDING ELECTRODE IN SERVICE POINT PULL BOX.

2. ALL FACILITIES SHALL BE WITHIN RIGHT-OF-WAY OR PUBLIC UTILITY EASEMENT.

3. CONDUIT TO TERMINATE 2" BELOW BOTTOM OF HANDHOLE.

4. SEE SHEET 5–7 FOR STREET LIGHT SERVICE POINT PULL BOX DETAILS.

RESIDENTIAL SERVICE

UTILITY WILL INSTALL AND MAINTAIN CONDUCTORS FROM THEIR SERVICE PEDESTAL OR TRANSFORMER TO THE SERVICE POINT PULL BOX. OWNER OR CONTRACTOR WILL TRENCH, INSTALL CONDUIT, PULL TAPE, SERVICE BOX (PULL BOX), BACKFILL AND COMPACT TRENCH. THE OWNER WILL FURNISH AN EASEMENT (AS REQUIRED BY UTILITY). TRENCH SHALL BE 30" DEEP.

COMMERCIAL SERVICE

UTILITY UNDERGROUND SERVICE PEDESTAL OR SERVICE POINT UTILITY TO MAKE CONNECTIONS

COUNTY OF YOLO
PLANNING AND PUBLIC WORKS DEPARTMENT
SINGLE LIGHT
DIRECT SERVICE

DATE: 08/05/08
COUNTY ENGINEER No. C42401
APPROVAL DATE 29/04/08
SHEET # 1 OF 1
DRAWING # 5–6 NOT TO SCALE
NOTES:
1. Fuse shall be a midget ferrule type, rated at 600 volts.
2. Earth rod shall be 1/2", x 8', or 10' long. Ground conductor to each.
3. All pull boxes shall have provisions for locking.
4. Pull boxes shall not be located in drainage areas.
5. Install screen between pull box and rod gravel, just beneath bricks.
6. Pull boxes at junction boxes shall be located at least 20' from fire hydrants.

SERVICE POINT PULL BOX DETAILS

1. Fuse holder per spec when required.
2. Fuse holder located in handhole per spec when required.
3. See table for fuse size.
4. Luminaire with photo cell.
5. Rod when required.
6. Pull box.
7. Other.
8. Service point.

WIRING DIAGRAM
NOTES:
1. Service pedestal and irrigation controller panels shall be consistent with this detail.
2. Locate pedestals so as to minimize the possibility of damage from errant vehicles or landscape contractors.
3. Service panel shall meet utility and eus ERC requirements.
4. Developer shall obtain county building permit as required to install service pedestal.
5. Provide 15A GFCI receptacle inside pedestal.
6. Cabinet shall be fabricated from 304D stainless steel.
7. Tesco model 26-000 or equivalent.

COUNTY OF YOLO
PLANNING AND PUBLIC WORKS DEPARTMENT
ELECTRIC SERVICE PANEL

DATE: 08/05/08
SHEET # 1 OF 1
DRAWING #: 5-8
COUNTY ENGINEER No. C42401
APPROVAL DATE 28 AUG 08
NOT TO SCALE
A  EXISTING SOILS

B  EXISTING PAVEMENT

LIP OF GUTTER ON THE NORTH SIDE

TRENCH WIDTH AS REQUIRED BY EXISTING CONDITIONS AND SPECIFICATIONS

2" MINIMUM THICK A.C. OR MATCH EXISTING

* TWO SACK CONCRETE SLURRY BACKFILL

2'-0" N.T.S.

* 36" MINIMUM

WARNING TAPE (SEE REQUIREMENTS IN SPECIFICATIONS)

EXISTING SOILS

TELECOMMUNICATIONS CONDUIT AS REQUIRED BY CONSTRUCTION DOCUMENTS AND SPECIFICATIONS

COMPACTED SAND 2" MINIMUM ALL AROUND CONDUITS

COMPACTED SAND 2" MINIMUM ALL AROUND CONDUITS

* NOTE: WHEN IN A PUBLIC RIGHT OF WAY THIS ITEM SHALL CONFORM TO THE REQUIREMENTS OF THE PUBLIC WORKS DEPARTMENT HAVING JURISDICTION

STANDARD CABLE TRENCH SECTIONS

DATE: 03/26/14

COUNTY OF YOLO
GENERAL SERVICES INFORMATION TECHNOLOGY
TELECOMMUNICATIONS DIVISION
120 W. MAIN ST. SUITE D
WOODLAND CA. 95695

SHEET # 1 OF 1
DRAWING #: IT - 1
NOT TO SCALE
NOTES:
1. INTERCONNECT PULL BOXES TO BE SPACED PER SPECIFICATIONS.
2. IN-LINE PULL BOXES IN NON-TRAFFIC AREAS TO BE CHISTY PTS1730 OR APPROVED EQUAL.
   IN-LINE PULL BOXES IN TRAFFIC AREAS TO BE CHISTY B1730 OR APPROVED EQUAL.
3. PULL BOXES AT JUNCTIONS IN NON-TRAFFIC AREAS TO BE CHISTY PTS3048 OR APPROVED EQUAL.
   PULL BOXES AT JUNCTIONS IN TRAFFIC AREAS TO BE CHISTY B30" X 48" OR APPROVED EQUAL.
4. PULL BOXES MUST MEET CALTRANS SPECIFICATIONS FOR TRAFFIC AND NON-TRAFFIC AREAS.
5. TOP OF PULL BOX TO BE SET AT EXISTING GRADE.
6. PULL BOX SHALL HAVE BOLT DOWN LID STAMPED YOLO COMMUNICATIONS.
7. CONDUIT SHALL BE 2" DIA.
8. CONDUIT SWEEPS SHALL BE A MIN. OF 48"

FIBER OPTICS & SIGNAL
INTERCONNECT PULL BOXES

COUNTY OF YOLO
GENERAL SERVICES INFORMATION TECHNOLOGY
TELECOMMUNICATIONS DIVISION
120 W. MAIN ST. SUITE D
WOODLAND CA. 95695

DATE: 03/26/14
SHEET #: 1 OF 1
DRAWING #: IT-2
NOT TO SCALE
NOTES:

1. TOP THREE CONDUITS NOT SHOWN FOR CLARITY.

2. COIL APPROXIMATELY 50 FEET MIN. OF FIBER OPTIC CABLE AROUND INSIDE BASE OF COMMUNICATIONS VAULT VERTICALLY WITH A MINIMUM DIAMETER OF 32". (ATTACH TO HOLD DOWNS WITH TIE WRAPS) PER SPECIFICATIONS.

3. 90° CONDUIT ENTRIES ARE NOT ALLOWED. CONDUIT SHALL BE DIRECTLY ACROSS FROM ADJACENT CONDUITS.

4. LABEL ALL CABLE IN PULL BOX & SERVICE BOX.

5. VAULT SHALL HAVE A TORSION SUSPENDED & SPRING LOADED LID WITH TWO HOLDUP BRACING BARS.

6. VAULTS SHALL INCLUDE BOLT DOWN LIDS.

7. LABELING ON LID SHALL READ "YOLO COMMUNICATIONS".

8. VAULTS SHALL BE AS REQUIRED BY CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.

9. FOR ADDITIONAL 4' X 7' VAULT DETAILS, SEE STD PLAN IT-4.
NOTES:
1. WRAP VAULT WITH BUILDING PAPER PER SPECIFICATIONS BEFORE BACKFILLING.

TWO ½" HOLDUP BARS, ONE EACH SIDE.
LADDER PER CALTRANS DETAIL D75C
NON-SLIP COATING (PER SPECIFICATIONS)

VAULT LID SHALL BE FLUSH WITH SIDEWALK OR BE SET TO FUTURE SIDEWALK GRADE @ ½" PER FOOT ABOVE TOP OF CURB.
INSTALL NATIVE SOIL COVER, FLUSH WITH SIDEWALK OR 2" ABOVE TOP OF CURB.

CRUSH ROCK BEDDING PER SPECIFICATIONS
3/4" CRUSHED GRAVEL SUMP

ELEVATION VIEW

7'-0"
3'-0"
4'-0"

24"
6" MIN
6" MIN
4"
3/4"

ALL VAULTS SHALL HAVE A 6" Ø DRAIN HOLE. ALL DRAIN HOLES SHALL BE OPEN FOR DRAINAGE.

4' X 7' VAULT DETAIL 2

COUNTY OF YOLO
GENERAL SERVICES INFORMATION TECHNOLOGY
TELECOMMUNICATIONS DIVISION
120 W. MAIN ST. SUITE D
WOODLAND CA. 95695

DATE: 03/26/14
SHEET #: 1 of 1
DRAWING #: IT-4
NOT TO SCALE
NOTES:

1. TOP THREE CONDUITS NOT SHOWN FOR CLARITY.

2. COIL APPROXIMATELY 50 FEET MIN. OF FIBER OPTIC CABLE AROUND INSIDE BASE OF COMMUNICATIONS VAULT VERTICALLY WITH A MINIMUM DIAMETER OF 32". (ATTACH TO HOLD DOWNS WITH TIE WRAPS) PER SPECIFICATIONS.

3. 90° CONDUIT ENTRIES ARE NOT ALLOWED. CONDUIT SHALL BE DIRECTLY ACROSS FROM ADJACENT CONDUITS.

4. LABEL ALL CABLE IN PULL BOX & SERVICE BOX.

5. VAULT SHALL HAVE A TORSION SUSPENDED & SPRING LOADED LID WITH TWO HOLDUP BRACING BARS.

6. VAULTS SHALL INCLUDE BOLT DOWN LIDS.

7. LABELING ON LID SHALL READ "YOLO COMMUNICATIONS".

8. VAULTS SHALL BE AS REQUIRED BY CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.

9. FOR ADDITIONAL 3’ X 5’ VAULT DETAILS, SEE STD PLAN IT–6.
NOTES:
1. WRAP VAULT WITH BUILDING PAPER PER SPECIFICATIONS BEFORE BACKFILLING.

3-D VIEW

ALL VAULTS SHALL HAVE A 6" DRAIN HOLE ALL DRAIN HOLES SHALL BE OPEN FOR DRAINAGE
NOTES:
1. CONDUIT THAT SWEEPS INTO THE
   HANDHOLE MUST ENTER THE
   HANDHOLE FLUSH AND LEVEL TO
   AVOID FIBER MICRO BENDING.
   WHEN ENTERING A SHALLOW BOX,
   THE CHANGE IN THE ELEVATION
   OF THE CONDUIT RUN SHOULD
   BE KEPT AS SHORT AS POSSIBLE
   IN ORDER TO MAINTAIN MAXIMUM
   DEPTH.
2. CONDUIT BENDS CANNOT EXCEED
   45 DEGREES IN OR OUT OF
   HANDHOLE.

FIBER OPTIC CONDUIT HANDHOLE ENTRY

COUNTY OF YOLO
GENERAL SERVICES INFORMATION TECHNOLOGY
TELECOMMUNICATIONS DIVISION
120 W. MAIN ST. SUITE D
WOODLAND CA. 95695

DATE: 03/26/14

SHEET #: 1 OF 1
DRAWING #: 1-T-7
NOT TO SCALE
NOTE:
1. Handhole spacing not to exceed 500'
   Maximum linear distance
2. Minimum allowable bend radius for 2" SDR 11 HDPE is 25 times the outside diameter of the conduit

TYPICAL FIBER OPTIC CONDUIT SWEEP DETAIL
COUNTY OF YOLO
GENERAL SERVICES INFORMATION TECHNOLOGY
TELECOMMUNICATIONS DIVISION
120 W. MAIN ST. SUITE D
WOODLAND CA. 95695