PULL BOXES SHALL BE PLACED BEHIND THE SIDEWALK OR IN THE PLANter AREA. WHENEVER POSSIBLE. TRAFFIC RATED BOXES AND COVERS SHALL BE USED IF A PULL BOX MUST BE INSTALLED IN THE SIDEWALK OR DRIVEWAY.

NOTES:
1. STEEL COVER SHALL HAVE EMBOSSED NON-SKID PATTERN.
2. STEEL REINFORCING SHALL BE AS REGULARLY USED IN THE STANDARD PRODUCTS OF THE RESPECTIVE MANUFACTURER.
3. PULL BOX COVERS SHALL BE MARKED AS DESCRIBED IN NOTE 5 ON STANDARD DRAWING SL-4. MARKING SHALL BE APPLIED TO EACH COVER PRIOR TO GALVANIZING BY BEAD WELDING THE LETTERS ON THE COVERS. THE LETTERS SHALL BE RAISED AT LEAST 3/32 INCH.
4. BONDING JUMPER FOR COVER SHALL BE A MIN. OF 36" LONG. WHEN NON-METALLIC CONDUIT IS USED, THE BONDING JUMPER FOR THE COVER SHALL BE SPliced TO THE BOND WIRE IN THE CONDUITS. WHEN THE USE OF METALLIC CONDUIT IS SPECIFIED, THE BONDING JUMPER FOR THE COVER SHALL BE CONNECTED TO THE CONDUIT GROUND BUSHING, AND THE CONDUITS SHALL BE BONDED TOGETHER WITH GROUND BUSHINGS AND A BONDING JUMPER.
5. CONDUITS SHALL ENTER AT BOTTOM OF PULL BOX AS SHOWN IN THE DRAWING.

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** EXCLUDING CONDUIT WEB

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BOLT HOLES SHALL MATCH STANDARD STUD BOLTS. SEE BOLT HOLE DETAIL.

LETTERS TO BE 1" MIN. TO 3" MAX. HIGH, SEE NOTE 3.

1/2" DIA. LIFT HOLE

CONCRETE SHALL BE FLUSH WITH SURROUNDING GRADE

1/2" GALV. NUT AND GALV. FLAT WASHER

POUR IN FIELD

PRECAST REINFORCED CONCRETE BOX

1/2" DIA. GALVANIZED THREADED ROD

3" MIN. ALL AROUND

WELD ANGLES TO COVER (4 REQ.) SEE COVER DETAIL.

1/4" STEEL PLATE COVER, GALVANIZED AFTER FABRICATION AND SET FLUSH WITH CONCRETE.

12" MIN

20" MAX

6" CONCRETE ALL AROUND

6" CONCRETE ALL AROUND

2" MIN

2" MIN

2-3/4" x 2-3/4" x 1/2" STEEL PLATE

WELD ALL FOUR EDGES OF EACH PLATE TO COVER

COVER SHALL COVER ENTIRE TOP OF BOX

LIFT HOLE

WELD (TYP)

PLAN VIEW (BOTTOM OF COVER)

STEEL COVER

PULL BOX

1-3/4" x 1-3/4" x 3/16" ANGLE

THIS 1-3/4" FLAT SURFACE TO BE AGAINST INSIDE EDGE OF PULL BOX OPENING (TYP)

6" CLEAN CRUSHED ROCK

SECTION B-B

TOP VIEW

CITY OF ELK GROVE - PUBLIC WORKS

TRAFFIC-RATED PULL BOX

NOT TO SCALE

DATE: 01/17/2007

REVISION

BY

APPROVED

DATE

COVER DETAIL

SECTION C-C

APPROVED BY:

CITY ENGINEER

DRAWING NUMBER

SL - 5