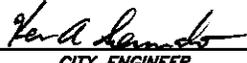
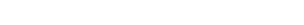
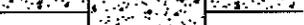


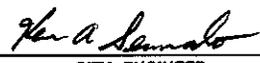
CITY OF LAKE ELSINORE
STANDARD PLANS

SECTION 7:
Standard Notes
and Symbols

| | | | |
|---------|------------------------------|---------|--|
| A.C. | Asphaltic Concrete | Mon. | Monument |
| & | at | No. | Number |
| @ | | % | Per cent |
| A.C.P. | Asbestos Cement Pipe | P.C.C. | Point of Compound Curve |
| Ave. | Avenue | P | Property Line |
| B.C. | Begin Curve | P.R.C. | Point of Reverse Curve |
| B.C.R. | Begin curb return | Proj. | Project |
| Bit. | Bituminous | P.I. | Point of Intersection |
| Bldg. | Building | P.V.I. | Point of Vertical Intersection |
| Blvd. | Boulevard | P.P. | Power Pole |
| BVC | Begin Vertical Curve | Pvmt. | Pavement |
| B/W | Back of sidewalk | R | Radius |
| Bk. | Book | R.C.P. | Reinforced Concrete Pipe |
| B.M. | Bench Mark | Rd. | Road |
| C | Correction at center of V.C. | Rdwy. | Roadway |
| C.B. | Catch Basin | R/S | Record of Survey |
| c.c. | Center to Center | Rt. | Right |
| C.F. | Curb Face | R/W | Right of Way |
| C.I. | Cast Iron | S. | South |
| C | Center line | Sect. | Section |
| C.M.P. | Corrugated Metal Pipe | Sl. | Slope |
| C.O. | Cleanout | S.P. | Site Plan |
| Conc. | Concrete | Sp.M.H. | Special Manhole |
| Constr. | Construct | Spec. | Specification |
| C.U.P. | Conditional Use Permit | S.S. | Sanitary Sewer |
| D.A. | Drive Approach | St. | Street |
| Dia. | Diameter | Std. | Standard |
| D.M.H. | Drop Manhole | Sta. | Station |
| Drwg. | Drawing | S.W. | Sidewalk |
| Dwy. | Driveway | T | Tangent Length for Curve |
| E. | East | Tr. | Tract |
| E.C. | End Curve | V.C. | Vertical Curve |
| E.C.R. | End Curb Return | V.C.P. | Vitrified Clay Pipe |
| El. | Elevation | W. | West or Width |
| E.V.C. | End Vertical Curve | 2:1 | Slope of one foot measured vertically for every two feet measured horizontally |
| Exist. | Existing | | |
| F.B. | Field Bok | | |
| F.H. | Fire Hydrant | | |
| F.L. | Flow Line | | |
| F.S. | Finished Surface | | |
| G.P. | Grading Plan | | |
| G.L. | Ground Line | | |
| G.T.P. | Gas Tax Project | | |
| Gr. | Grade | | |
| I | Central Angle or Delta | | |
| L | Length or Length of Arc | | |
| Lt. | Left | | |
| M.H. | Manhole | | |
| M.B. | Map Book | | |
| N. | North | | |

| | | | | | |
|----------|----------|--|------------|-----------------------|--|
| REVISION | | ENGINEERING | DATE 07/09 | CITY OF LAKE ELSINORE | |
| DATE | APPROVED | | | | |
| | | APPROVED BY | | ABBREVIATIONS | |
| | |  CITY ENGINEER | | | |
| | | DATE 08/21/2009 | | NO. 701 | |

-  CENTER LINE
-  POINT OF INTERSECTION
-  RIGHT OF WAY
-  PROPERTY LINE
-  EXISTING CURB
-  NEW CURB
-  EXISTING CURB AND GUTTER
-  NEW CURB AND GUTTER
-  EXISTING SIDEWALK
-  NEW CONCRETE SIDEWALK
-  NEW CONCRETE DRIVEWAY
-  NEW PAVEMENT
-  NEW PAVEMENT TO BE OVERLAID OVER EXISTING PAVEMENT
-  EXISTING REINFORCED CONCRETE PIPE OR STORM DRAIN
-  EXISTING CORRUGATED METAL PIPE OR STORM DRAIN
-  EXISTING CURB INLET
-  EXISTING CURB INLET WITH GRATING
-  NEW STORM DRAIN, CURB INLET AND GUTTER DEPRESSION

| | | | | | |
|-----------------|----------|--|--------------------|---|--------|
| REVISION | | ENGINEERING | DATE 07/09 | CITY OF LAKE ELSINORE <small>PREPARED BY PUBLIC WORKS</small> | 1 OF 3 |
| DATE | APPROVED | APPROVED BY | | | NO. |
| | |  CITY ENGINEER | | 702A | |
| | | | 08/31/2009 DATE | DRAFTING STANDARDS AND SYMBOLS | |



UTILITY LINE (* = LISTED BELOW)
 E = ELECTRICAL SD = STORM DRAIN
 G = GAS T = TELEPHONE
 I = IRRIGATION TV = TELEVISION CABLE
 O = OIL W = WATER
 S = SEWER X = INDUSTRIAL WASTE



WATER METER



WATER VALVE



FIRE HYDRANT



TELEPHONE POLE



POLE ANCHOR



GUY POLE



TELEPHONE AND POWER ON SAME POLE



EXISTING STREET LIGHT



NEW STREET LIGHT



EXISTING TRAFFIC SIGNAL



EXISTING TRAFFIC SIGNAL DETECTOR



EXISTING TRAFFIC SIGNAL CONTROLLER



PULL BOX



STOP SIGN



NEW YIELD SIGN



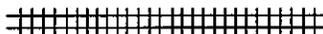
NEW INFORMATIONAL SIGN



EXISTING STREET NAME SIGN



NEW STREET NAME SIGN



RAILROAD TRACK



EXISTING RAILROAD CROSSING SIGN



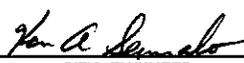
EXISTING RAILROAD CROSSING SIGNAL



EXISTING HEDGE



SHRUB

| | | | | | | | |
|----------|----------|--|--|--------------------|--|--------------------------------|--|
| REVISION | | ENGINEERING | | DATE 07/09 | | CITY OF LAKE ELSINORE | |
| DATE | APPROVED | APPROVED BY | | | | | |
| | |  CITY ENGINEER | | 07/31/2009 DATE | | DRAFTING STANDARDS AND SYMBOLS | |
| | | | | | | 2 OF 3 | |
| | | | | | | NO. 702B | |



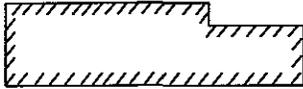
EXISTING TREE



PROPOSED TREE



PALM TREE



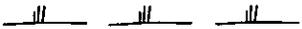
BUILDING



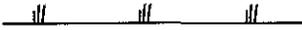
MONUMENT



EXISTING NATURAL FLOW LINE



EXISTING TOE OF SLOPE



NEW TOE OF SLOPE



DIRECTION OF FLOW



FENCE



EXISTING MANHOLE



EXISTING SEWER CLEANOUT



NEW SANITARY SEWER AND MANHOLE

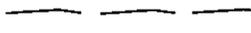


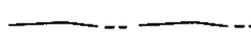
NEW SEWER CLEANOUT



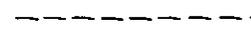
NEW SANITARY SEWER MAIN WITH WYES AND LATERAL

PROFILE SYMBOLS

 EXISTING PAVEMENT PROFILE

 EXISTING CURB PROFILE

 EXISTING SIDEWALK PROFILE

 EXISTING GROUND PROFILE

 FINISHED CENTERLINE GRADE

 TOP OF CURB GRADE

 BACK OF SIDEWALK GRADE

 POINT OF INTERSECTION



NEW CULVERT OR STORM DRAIN AND CURB INLET



EXISTING SANITARY SEWER, MANHOLE AND CLEANOUT



NEW SANITARY SEWER, MANHOLE AND CLEANOUT

| REVISION | DATE | APPROVED |
|----------|------|----------|
| | | |
| | | |
| | | |
| | | |

ENGINEERING DATE 07/09

APPROVED BY

For A. Sandoz 08/31/2009
CITY ENGINEER DATE

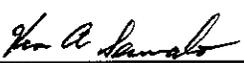
CITY OF LAKE ELSINORE
PREPARED BY PUBLIC WORKS

DRAFTING STANDARDS AND SYMBOLS

3 OF 3
NO. 702C

METRIC HARD CONVERSION

| NEW METRIC STANDARD | REPLACES IMPERIAL STANDARD |
|---------------------|----------------------------|
| 0.6m (1.97') | 2' |
| 1.2m (3.94') | 4' |
| 1.5m (4.92) | 5' |
| 1.8m (5.91') | 6' |
| 2.1m (6.89') | 7' |
| 2.4m (7.87') | 8' |
| 2.7m (8.86') | 9' |
| 3.0m (9.84') | 10' |
| 3.3m (10.83') | 11' |
| 3.6m (11.81') | 12' |
| 4.0m (13.12') | 13' |
| 4.2m (13.78') | 14' |
| 4.6m (15.09') | 15' |
| 5.5m (18.05') | 18' |
| 6.0m (19.69') | 20' |
| 6.6m (21.25') | 22' |
| 7.6m (24.93') | 25' |
| 9.0m (29.53') | 30' |
| 9.8m (32.15') | 32' |
| 10.7m (35.10') | 35' |
| 10.8m (35.43') | 36' |
| 11.6m (38.06') | 38' |
| 12.2m (40.03') | 40' |
| 13.1m (42.98') | 43' |
| 13.4m (43.97') | 44' |
| 15.2m (49.87') | 50' |
| 16.8m (55.12') | 55' |
| 17.1m (56.11') | 56' |
| 18.3m (60.04') | 60' |
| 20.1m (65.95') | 66' |
| 20.4m (66.93') | 67' |
| 23.8m (78.09') | 78' |

| | | | |
|----------|----------|--|------------|
| REVISION | | ENGINEERING | DATE 07/09 |
| DATE | APPROVED | APPROVED BY | |
| | |  CITY ENGINEER | |
| | | DATE 08/21/2009 | |

CITY OF LAKE ELSINORE
PREPARED BY PUBLIC WORKS

METRIC CONVERSION

NO.
703