EXISTING CAST IRON KING FERRONITE ELECTROLITERS AND KING FERRONITE W/ MODIFIED HEADS AND EXTENDERS TO BE RELOCATED

CRUSHED ROCK

1" ABOVE GRADE.

THREAD LEVELING

3" I.D. PVC OPEN INTO DRAIN ROCK.

1 1/2" CONDUIT

3'-0" SQ.

A

B

4'-0"

28'-0"

2'-0"

6'-0"

28'-7"

FOR INSTRUCTIONS, SEE DWG. NO. 110A.

EXTENDER WITH KING FERRONITE LIGHT FIXTURES REMOVED. "PUMCO" DWG. 41091-D87.

EXISTING KING FERRONITE LIGHT FIXTURES. RETURN TO CITY OF STOCKTON.

5" WALL THICKNESS.

RETAP EXISTING SCREW HOLES AND REPLACE WITH EXISTING STAINLESS STEEL CUPPED-TIP SQUARE HEAD SET-SCREWS (3/8" X 1 1/2")

SEE "PUMCO" DWG. NO. 41091-D87 FOR DETAILS.
GENERAL RELOCATION INSTRUCTIONS FOR DOWNTOWN KING FERRONITE ELECTROLIERS.

FOUNDATION:
CONCRETE - 5 SACK/1-1/2" ROCK
BOLT CIRCLE - 17-1/4" (VERIFY WITH UNIT BEING RELOCATED)
THREADED ANCHOR BOLTS - 24" X 4" X 1" GALV. WITH DOUBLE NUTS
CENTER HOLE - 6" DIA. X 3'-0" DEEP
WIPE - LEAD WIPE MAY NOT BE USED

STIFFARM:
EXTEND 3'-0" INTO NEW LUMINAIRE PVC, CENTERED, SAND PACKED, AND GRouted, TYP.

CONDUIT:
1-1/2" RIGID MINIMUM. REPLACE AS REQUIRED. BOND ALL CONDUITS.

STANDARD:
REMOVE TOP SECTION BEFORE ATTEMPTING TO PULL STANDARD.
STANDARD IS CAST IRON. PAST EXPERIENCE HAS SHOWN THAT A CRANE IS REQUIRED TO MOVE THE UNIT. CENTER STIFFENER IS EMBEDDED IN CRUSHED ROCK AND CAPPED WITH CONCRETE. CAP SHOULD BE BROKEN BEFORE ATTEMPTING TO PULL STANDARD.

BALLAST: AS REQUIRED TO MATCH EXISTING CIRCUIT.

EXTENDER: SEE EXTENDER DETAIL: "PUMCO" DWG. NO. 41091-D87.

HEAD: COBRA STYLE WITH PHOTO ELECTRIC CELL.

WIRE:
EXISTING SERIES CIRCUIT
#8 SOLID COPPER - 8000V
POLY INSULATION 120 MIL
PVC JACKET 47 MIL
SINGLE CONDUIT
PARALLEL CIRCUITS
MIN. #8 - 600V

REPAIR DOOR AND HARDWARE IF NECESSARY.
REPAIR RUST-OUTS, ETC.
SAND ALL FLAKING, RUST OR LOOSE PAINT OFF ENTIRE UNIT.

PAINT:
COBRA STYLE INSTALLATION: SHERWIN-WILLIAMS #F63-SXG-8692-8127
LOW LEAD "STOCKTON GREEN".
KING FERRONITE STYLE INSTALLATION: SHERWIN WILLIAMS
#F63-SXG-8692-8127 LOW LEAD "STOCKTON GREEN" OR AMERICAN 179A "GROTTO GREEN".
CONCRETE CAP FOR STREET LIGHTING

NOTES:


2. ENDS OF ALL STEEL CONDUITS ENTERING PULL BOX SHALL BE CAPPED WITH O–Z, TYPE "GB" BRONZE GROUNDING BUSHINGS AND CONNECTED TOGETHER WITH NO. 8 SOLID COPPER WIRE.

3. CONDUIT SHALL NOT EXTEND MORE THAN 3" INTO PULL BOX (TYPICAL ON ALL LOCATIONS).

4. MIDRUN PULL BOXES SHALL BE INSTALLED AT A DISTANCE OF NO MORE THAN 2'-0" FROM THE BACK OF CURB (IF NO SIDEWALK EXISTS) OR 2'-0" FROM THE BACK OF WALK (IF SIDEWALK EXISTS).

5. AFTER CONDUCTORS HAVE BEEN INSTALLED, THE ENDS OF CONDUITS TERMINATING IN PULL BOXES SHALL BE SEALED WITH AN APPROVED SEALING COMPOUND.

6. ON ALL TRAFFIC SIGNAL CONDUIT USE ONLY 90° SWEEP.

7. SET PULL BOX ON TOP OF 6" OF 3/4" MAX. CLEAN CRUSHED ROCK OR 1/2" MAX. PEA GRAVEL.

8. GROUND ROD AND CLAMP SHALL BE DRIVEN INTO NATIVE SOIL IN CORNER OF PULL BOX NO MORE THAN 3" FROM EITHER INSIDE WALL. GROUND ROD SHALL BE 8'–0" X 1/2" COPPERWELD. FOR GROUND ROD DELETION, PLAN APPROVAL BY CITY ENGINEER MUST BE GIVEN PRIOR TO INSTALLATION.

9. REFER TO C.O.S. DWG. NO. 112 FOR LIGHT POLE FOUNDATION AND DWG. NO. 114 FOR STREET LIGHT LOCATION.
NOTES:

1. SCHEDULE 40 PVC SHALL BE USED FOR ALL STREET LIGHTING, EXCEPT ALL CONDUIT BENDS SHALL BE RIGID STEEL CONDUIT WITH 18" RADIUS SWEEPS.
2. INSTALL TO PULLBOX. 1-1/2" DIA. (MIN.) CONDUIT WITH 18" RADIUS BEND. CONDUIT SHALL EXTEND NOT MORE THAN 2" ABOVE THE TOP OF THE BASE PLATE. IF RIGID CONDUIT IS USED, PROVIDE GROUNDING BUSHING AT THE TOP END.
3. ANY CONDUIT IN STREET AREA SHALL BE MIN. OF 2'-0" BELOW THE FLOW LINE OF THE GUTTER.
4. 2"±1/4" TO BOTTOM OF BASE PLATE. WHERE POLES ARE INSTALLED IN CENTERLINE MEDIANS, THE BOTTOM OF STEEL BASE PLATE MUST BE INSTALLED 2-3/4" ABOVE MEDIAN CROWN IN ORDER TO PROVIDE FOR CROSS-SLOPE ON MEDIAN PAVING.
5. TOP 6" TO BE FORMED AND POURED AS A 3'-0" x 5'-0" CAP.
6. ANCHOR BOLTS SHALL BE GALVANIZED. A MIN. OF 1/2 THE TOTAL LENGTH FROM EACH THREADED END. BOLT SHALL BE PROVIDED WITH A LEVELING NUT, TWO WASHERS, AND A HOLD DOWN NUT. MAXIMUM LENGTH OF ANCHOR BOLT ABOVE THE TOP OF THE HOLD DOWN NUT SHALL BE 1".
7. ALTERNATE FOOTINGS SUBJECT TO THE APPROVAL OF THE CITY ENGINEER.
TAMPER RESISTANT HANDHOLE COVER

4" X 6 1/2" HAND HOLE
REINFORCED WITH RING
WELDED TO OUTSIDE OF POLE.
COVER PLATE IS 0.1196".

SEE NOTE 5.
SEE NOTE 2.
SEE NOTE 3.

SEE DWG NO. 112,
NOTE NO. 4.

NOTES:

1. HAND HOLE SHALL BE LOCATED IN ANY QUADRANT THAT IS NOT OBSTRUCTED BY A
FIXED OBJECT, PREFERABLY FRONT OR SIDE WITH RESPECT TO MAST ARM.
2. MAXIMUM LENGTH OF ANCHOR BOLT ABOVE THE TOP OF THE HOLD DOWN NUT
SHALL BE 1".
3. GROUT AFTER ERECTING AND LEVELING POLE. WHEN SETTING POLES WITH FLAT
STEEL BASES, PROVIDE A DRAINAGE HOLE (UNDER THE STEEL PLATE) TO THE CENTER
OF THE POLE. FORM HOLE BEFORE CONCRETE SETS USING A PIECE OF WELDING
ROD OR EQUAL.
4. A 1/2" DIA. TAPPED HOLE IN HAND HOLE COVER HOLDING FLANGE MAY BE
SUBSTITUTED.
5. 1/2" X 1" FLATHEAD STEEL MACHINE SCREW WITH COURSE THREADS WELDED TO
INSIDE OF POLE FOR GROUND. PROVIDE WITH 2 HEX HEAD NUTS AND 2 WASHERS.
CONNECT TO GROUNDING BUSHING END OF CONDUIT WITH #8 SOLID COPPER
WIRE (SEE NOTE 4.). #8 SOLID COPPER WIRE SHALL CONNECT POLE TO GROUND
ROD IN PULL BOX. GROUND WIRE SHALL BE TERMINATED AT THE GROUND LUG AT
THE BASE OF THE POLE.
NOTES:

1. 2" DIA. MIN. CONDUIT IN FOOTING SHALL ENTER FOOTING A MIN. OF 2'-0" BELOW SIDEWALK OR 3'-0" BELOW UNFINISHED GRADE.
2. CONDUITS SHALL EXTEND 2" MAX. ABOVE FINISHED SURFACE OF FOUNDATION.
3. ONE ANCHOR BOLT SHALL BE BONDED TO CONDUIT.
4. THREADED PORTION OF ANCHOR BOLTS SHALL EXTEND 3/4"±1/4" ABOVE TOP OF HOLD DOWN NUT.
5. 2"±1/4" FROM BOTTOM ON STEEL BASE PLATE TO FINISH SURFACE.
6. WHEN SETTING POLES, PROVIDE A DRAINAGE HOLE (UNDER STEEL PLATE) TO THE CENTER OF THE POLE. FORM HOLE BEFORE GROUTING SETS USING A PIECE OF WELDING ROD OR EQUAL.

SEE NOTE NO. 4.

ORNAMENTAL FLANGE COVER

SEE NOTE NO. 5.

SAW CUT TO NEAREST SCORE MARK — A MIN. OF 1-1/2" DEEP BEFORE INSTALLING FOOTING IN EXISTING SIDEWALK

CLASS B CONCRETE

5/8" DIA. X 18" GALV. ANCHOR BOLT (STANDARD LINE BOLT) MIN. OF 4" OF THREAD WITH 2 NUTS AND 2 WASHERS.

18" RADIUS MIN.

TYPE 1-B SIGNAL AND CONTROLLER STANDARD

CITY OF STOCKTON
DEPARTMENT OF PUBLIC WORKS

REV. NO. 4
REV. DATE 6/1/2000
REV. BY

DIGITIZED 7/1/91

DWC. BY RC
SCALE NONE

DATE 01/09/02

REVISION APPROVED BY CITY ENGINEER

SUPERCEDES 10/7/93
DRAWING NO. 113

G:\PK\PUBLIC WORKS\CAD\DRAWINGS\STDS_2000\110_119\113.DWG
NOTES:

LUMINAIRES SHALL BE GENERAL ELECTRIC, HPS, MODEL #M2RR10S0A2AMS3 (100W), MODEL #M2RR15S0A2GMS3 (150W), AND MODEL #MSC20S0A22FMC3 (200W). LUMINAIRES SHALL HAVE 2-BOLT INTERNAL SLIP FITTED MOUNT FOR ATTACHING TO MAST ARM. MINIMUM 28" FIXTURE LENGTH (SMALL CASE) FOR 100W AND 150W LUMINAIRES, 200W LUMINAIRE FIXTURE LENGTH NOT TO EXCEED 32" (LARGE CASE). LU100, LU150, AND LU200 HPS LAMPS AS NOTED ON THE PLANS SHALL COMPLY WITH FEDERAL GUIDELINES FOR TOXIC CHARACTERISTIC LEACHING PROCEDURE (TCLP) FOR NON-HAZARDOUS WASTE. PE CELLS PROVIDED WITH EACH LUMINAIRE SHALL BE SUNRISE TECHNOLOGIES SX124–1.5–ST. FEATURES INCLUDE INSTANT ON/Delay OFF OPERATION FOR TESTING, ONE LUMEN LEVEL FOR TURN ON, FOUR LUMEN LEVEL FOR TURN OFF, AND AN OPERATING RANGE FROM 105 TO 285 VOLTS. "SHUNT CAPS" SHALL ALSO BE SUNRISE TECHNOLOGIES. BALLASTS SHALL BE MULTI–TAP (120/208/240/277V), REGULATOR TYPE. SINGLE POLE LIGHT INSTALLATIONS USE 120V TAP AND MULTIPLE POLE CIRCUITS USE 240V TAP UNLESS NOTED OTHERWISE ON THE PLANS OR SPECIFICATIONS.

1. STREET LIGHT STANDARDS SHALL BE PLACED AT ALL INTERSECTIONS, AND AT THE ENDS OF ALL CUL–DE–SACS AND COURTS 70’–0" OR MORE IN DEPTH. STANDARDS SHALL BE EVENLY SPACED, DEPENDING ON BLOCK LENGTHS, AT A DISTANCE OF NOT MORE THAN 250’–0" APART. ACTUAL STREET LIGHT LOCATIONS SHALL BE DETERMINED BY MAINTAINING A MIN. LUMINATION OF 0.1 FOOTCANDLE BETWEEN STREET LIGHT STANDARDS. STAGGERED SPACING SHALL BE USED WHENEVER POSSIBLE.

2. DIMENSIONS SHOWN ARE TO 6" OF POLE.
2. WIRING SHALL BE UNDERGROUND IN 1-1/2" UL APPROVED SCHEDULE 40 PVC CONDUIT (SPECIAL CONDITION MAY REQUIRE VARIATION OF CONDUIT SIZE AS APPROVED BY THE CITY ENGINEER) AND SHALL BE INSTALLED AS DIRECTED BY THE CITY OF STOCKTON. ALL CONDUCTORS SHALL BE COPPER. ALL GROUNDING CONDUCTORS SHALL BE BARE OR HAVE A GREEN INSULATION. ALL GROUNDED CONDUCTORS SHALL HAVE A WHITE OR NATURAL GREY INSULATION. PHASE TAPPING AND/OR PAINTING ARE NOT ALLOWED. (ALL COLORING MUST BE PERMANENT ALONG THE ENTIRE LENGTH OF THE CONDUCTOR.)

3. OVERHEAD SERVICE TO A STREET LIGHT IS NOT ALLOWED. REFER TO C.O.S. STANDARD DWG. NO. 115 FOR UNDERGROUND SERVICE REQUIREMENTS.

4. CONDUIT SYSTEM SHALL BE COMPLETE FROM THE STREET LIGHT TO THE P.G.&E. SOURCE.

5. SEE C.O.S. STANDARD DWGS. NO. 111, 112, AND 115 FOR ADDITIONAL DETAILS.

6. ALL MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH SECTIONS 86-1, 86-2, AND 86-6 STATE OF CALIFORNIA STANDARD SPECIFICATIONS.

7. WATERPROOF FUSE HOLDERS AND FUSES (BAF15, BLF15) SHALL BE INSTALLED IN THE BASE OF THE POLE ADJACENT TO THE HAND HOLE IN EACH POLE. FUSE HOLDERS FOR THE 120 VOLT SERVICE SHALL BE "BUSS HEX" TYPE OR EQUAL. FUSE HOLDERS FOR 208/240 VOLT SERVICE SHALL BE "BUSS HEX TYPE" OR EQUAL. FUSE HOLDERS SHALL HAVE WIRE LUGS THAT ARE APPROPRIATE FOR THE WIRE SIZE. TYPE "AA" FOR WIRES UP TO #8 AND TYPE "AB" FOR #6 AND #4 WIRES. FUSE HOLDERS SHALL BE WATERPROOFED BY USING AN INSULATING BOOT (BUSSMAN P/N 1A0512) OR EQUAL. EACH LUMINARE ON A DOUBLE MAST ARM POLE SHALL HAVE A SEPARATE FUSE AND FUSE HOLDER.

8. WHEN SERVICING A SINGLE LUMINARE, A MINIMUM OF NO. 12 COPPER WIRE SHALL BE USED FROM THE PULLBOX TO THE FUSE HOLDER(S), AND FROM THE FUSE HOLDER(S) TO THE HEAD WHERE MULTIPLE LUMINARES ARE BEING SERVED, A MINIMUM OF NO. 10 COPPER WIRE SHALL BE USED FROM THE PULLBOX TO THE FUSE HOLDER(S), AND A MINIMUM OF NO. 12 COPPER WIRE FROM THE FUSE HOLDER(S) TO EACH HEAD.

9. WIRE IN UNDERGROUND CONDUIT SHALL NOT BE SMALLER THAN NO. 10 COPPER SERVING A SINGLE LUMINARE WITHIN 150'-0" OF THE SERVICE POINT; NO. 8 COPPER OR LARGER SERVING 2 OR MORE LUMINARES.

10. THE OWNER OR CONTRACTOR OF ANY LIGHTING PROJECT IS REQ'D TO PAY P.G.&E. CO. THE CONNECTION FEE BEFORE ACCEPTANCE BY THE CITY.

11. DOUBLE-MAST ARM STREET LIGHT STANDARDS SHALL BE INSTALLED IN ALL MEDIAN STRIPS AND OTHER AREAS DESIGNATED BY THE CITY ENGINEER. ALL SINGLE-ARM LIGHTING SPECIFICATIONS SHALL ALSO APPLY TO THE DOUBLE ARM STANDARDS. EACH LUMINARE SHALL BE WIRED SEPARATELY.

12. ALL BONDING/GROUNDING WIRE SHALL BE INSTALLED AS SHOWN ON "CONDUIT PULLBOX" STANDARD DWG. NO. 111.

13. ALL CONDUCTOR SPLICES SHALL BE MADE WEATHERPROOF.

14. WHEN STREET LIGHT POLES ARE PAINTED, WITH THE APPROVAL OF THE CITY ENGINEER, THE LUMINARES SHALL BE PAINTED THE SAME COLOR.

15. PHOTOCELL UNIT SHALL BE INSTALLED WITH PHOTOCELL FACING NORTH.
FOR UNDERGROUND P.G.&E TRANSFORMER HOUSING OR PULL BOX, SEE DETAIL "A" (POWER SOURCE).

2" CONDUIT BY CONTRACTOR 6" ABOVE GROUND LINE OR FINISHED GRADE.

1 1/2" CONDUIT BY CONTRACTOR

VARIABLE DISTANCE DETERMINED BY LOCATION OF P.G.&E. SERVICE POLE. ELIMINATE STREET LIGHT PULL BOX IF DISTANCE IS LESS THAN 25 FEET

P.G.&E. UNDERGROUND TRANSFORMER OR PULLBOX, HOUSING POWER SOURCE.

BREAK OPEN KNOCK-OUT AND INSERT 2" CONDUIT INTO THE TRANSFORMER HOUSING UPON APPROVAL BY P.G.&E.

DETAIL "A"

FOR NOTES, SEE DWG. NO. 115A.
(CONT’D FROM DWG. 115)

NOTES:

1. CONTRACTOR TO FURNISH AND INSTALL BOTH PULL BOXES SHOWN. SEE STANDARD DRAWING NO. 111.
2. CONTRACTOR TO FURNISH AND INSTALL CONDUCTORS IN CONDUIT BETWEEN THE TWO PULL BOXES SHOWN. CONTRACTOR TO LEAVE 3”-0” MIN. SLACK WIRE IN PULL BOX AT BASE OF P.G.&E. POLE.
3. P.G.&E. WILL PROVIDE CONDUCTORS DOWN SERVICE POLE TO PULL BOX AT BASE OF SERVICE POLE AND MAKE CONNECTIONS.
1/4 A 1 FLATHEAD MACHINE SCREW WITH COARSE THREADS WELDED TO INSIDE OF POLE FOR GROUND. PROVIDE WITH 2 HEXHEAD NUTS AND 2 WASHERS. CONNECT TO GROUNDING BUSHING ON END OF CONDUIT WITH #8 SOLID COPPER WIRE (SEE NOTE NO. 1). IF P.V.C. CONDUIT IS USED, #8 SOLID COPPER WIRE SHALL CONNECT POLE TO GROUND IN PULL BOX.

FINISHED SURFACE

2 3/4" ± 1/4" FROM BOTTOM OF STEEL BASE PLATE TO FINISHED SURFACE. GROUT AFTER ERECTING AND LEVELING POLE.

SAND

ANCHOR BOLTS SHALL BE GALVANIZING A MIN. OF 1/2 THE TOTAL LENGTH FROM THREADED END. REFER TO STATE OF CALIFORNIA STANDARD PLANS AND POLE MFG SPECIFICATIONS FOR SIZE. EACH BOLT SHALL BE PROVIDED WITH A LEVELING NUT, TWO WASHERS AND A HOLD DOWN NUT.

INSTALL TO PULL BOX 2-1/2" DIA. (MIN) CONDUIT WITH 18" RADIUS BEND. PROVIDE GROUNDING BUSHING AT TOP END OF RIGID CONDUIT.

NOTES:
1. A 1/2" DIA. TAPPED HOLE IN HAND HOLE COVER HOLDING FLANGE MAY BE SUBSTITUTED.
2. SEE CALTRANS STANDARD PLANS FOR DETAILS FOR HANDHOLE AND COVER.
3. WHEN SETTING POLES, PROVIDE A DRAINAGE HOLE (UNDER STEEL PLATE) TO THE CENTER OF THE POLE. FORM HOLE BEFORE GROUTING SETS USING A PIECE OF WELDING ROD OR EQUAL.
4. HAND HOLE TO BELOCATED IN SAME QUADRANT AS MAST ARM.
5. CONDUIT TO BE INSTALLED AS NOTED ON TRAFFIC SIGNAL DESIGN PLANS OR AS APPROVED BY THE ENGINEER.
6. FOUNDATION REQUIREMENTS AS PER STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS.
7. SEE DRAWING NO. 113 FOR TYPE 1-B FOUNDATION.
SPECIAL DOUBLE-NAME SIGN

(SEE NOTE NO. 3, DWG. NO. 117A)
NOTES FOR TRAFFIC—SIGNAL—ARM SIGN MOUNTING:

1. ALL MATERIAL FURNISHED SHALL BE RUST RESISTANT. ALL SIGN HARDWARE SHALL BE ALUMINUM AND ANY MOVING PARTS MUST BE MADE OF STAINLESS STEEL TO PREVENT RUSTING.

2. THE SIGN MOUNTING EXTRUDED ALUMINUM MOUNTING BRACKETS SHALL BE EITHER MEDIUM ALUMINUM EXTRUSIONS (SIGNFIX PART NO. HPN—053) OR LARGER ALUMINUM EXTRUSIONS (SIGNFIX PART NO. HPN—055). EXTRUDED ALUMINUM MOUNTING BRACKETS MUST BE BY SIGNFIX OR MUST BE DIRECTLY ADAPTABLE TO UNIVERSAL SIGNFIX CHANNEL CLAMPS E.P. (PART NO. HPN—034EP) OR EQUAL. FLEARED LEG MOUNTING BRACKET FOR MOUNTING TO POLE OR MAST ARM SHALL BE HAWKINS PART NO. M2G—FUB OR APPROVED EQUAL. THREADED PORTION OF BRACKET SHALL ACCEPT COURSE THREAD 5/16 INCH ALL—THREAD BOLT.

3. SINGLE STREET NAME SIGN SHALL HAVE NAME AND SUFFIX CENTERED IN SIGN. SIGNS SHALL BE SINGLE FACE AND FABRICATED ON ALUMINUM BLANKS 0.063—INCH THICKNESS. BLANK SHALL BE 18—INCHES IN WIDTH AND VARY IN LENGTH DEPENDING ON THE NUMBER OF LETTERS OF THE STREET (MIN. OF 6—FEET IN LENGTH). SIGN BLANK SHALL HAVE GREEN BACKGROUND USING 3M ENGINEER’S GRADE REFLECTIVE VINYL SHEETING. UPPER CASE LETTERS SHALL BE 10—INCHES AND LOWER CASE LETTERS SHALL BE 7.5—INCHES. ALL LETTERS SHALL BE HIGHWAY FONT “D”. SIGN SHALL HAVE 1—INCH WHITE BORDER COVERING THE ENTIRE EDGE OF SIGN BLANK. CORNERS SHALL BE NEATLY ROUNDED TO A 3—INCH RADIUS. WORDS SHALL BE SPACED 10—INCHES APART AND THERE SHALL BE 10—INCHES OF SPACING BETWEEN BORDER AND SIDES OF STREET NAME. LETTERS SHALL BE SPACED A MIN. OF 1.5—INCHES.

4. VARIOUS STREETS IN THE CITY CHANGE NAMES AT MAJOR INTERSECTIONS. SIGNS THAT DESIGNATE DIFFERENT NAMES SHALL BE MADE AS PER STANDARD DWG. NO. 117.

5. ALL SIGNS SHALL BE APPROVED FOR CONFORMANCE BY THE CITY TRAFFIC DEVICES STAFF PRIOR TO INSTALLATION.
EXAMPLE OF TRAFFIC SIGNAL POLE LOCATIONS (SEE NOTE 3).

RESERVED FOR TRAFFIC CONTROL DEVICES

RADIUS PT.

R = 30’-0”

R = 25’-0”

R = 20’-0”

RESERVED FOR TRAFFIC CONTROL DEVICES

EXAMPLE OF TRAFFIC SIGNAL POLE LOCATIONS (SEE NOTE 3).

NOTES:

1. FOR UNDERGROUND UTILITY LOCATIONS, REFER TO COS STD. DWG. NOS. 5 AND 5A.
2. FOR GROOVE PATTERN DETAILS, REFER TO DWG. NOS. 31 AND 32.
3. SPECIFIC LOCATIONS TO BE DETERMINED AS PART OF TRAFFIC SIGNAL DESIGN PLANS AND INCORPORATED INTO THE IMPROVEMENT PLANS.