FOR 72" CHAIN LINK FENCE, SEE SPECIAL PROVISIONS.

MATERIAL FOR ANCHOR BOLTS SHALL BE TYPE 304 STAINLESS STEEL WITH A MINIMUM 9,000 PSI ULTIMATE STRENGTH, NUTS AND WASHERS SHALL BE TYPE 304 STAINLESS STEEL. ANCHOR BOLTS SHALL BE EMBEDDED AS PER ADHESIVE BONDING SYSTEM MANUFACTURER SPECIFICATIONS. NUTS SHALL BE AMERICAN STANDARD FINISHED HEXAGON THICK NUTS, CLASS 2B THREADS.

LEVEL ONE FIELD TESTING IS REQUIRED, AND THE YIELD LOAD OF THE ANCHOR BOLTS IS 10 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE STANDARD SPECIFICATIONS.

ALL FENCE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 1050 OF THE STANDARD SPECIFICATIONS, GALVANIZE ALL STEEL PARTS AND HARDWARE IN ACCORDANCE WITH ARTICLE 1076 OF THE STANDARD SPECIFICATIONS.

FENCE POST LOCATIONS SHALL BE SHIFTED, AS NECESSARY, TO MAINTAIN 1'-0" MINIMUM DISTANCE FROM ANCHOR BOLT TO JOINTS IN PARAPET.

WELDING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 1072-20 OF STANDARD SPECIFICATIONS.

— 11 GA. VINYL COATED CHAIN LINK FENCE FABRIC KNUCKLE SELVAGE AT BOTTOM, BARBED SELVAGE AT TOP. \* | \*5'-0"CLR. OPENING (MIN.) LIGHT PEDESTAL 3'-0" 3'-0" 6'-0"

ELEVATION AT LIGHT PEDESTAL

#11 GAGE X 2.875"O.D.

W.P. #4—

STEEL END POST

#11 GAGE X 2.875"O.D.

SPAN C

STEEL END POST

\* CONTRACTOR SHALL INSTALL A GATE WITH A MINIMUM OPENING OF 5-0"X 2'-11"AT EACH LIGHT PEDESTAL LOCATION. THE TOP RAIL OF THE 2-BAR METAL RAIL WILL BE REMOVED DURING MAINTANENCE, THEREFORE THE GATE MUST BE INSTALLED IN SUCH A MANNER AS TO BE ABLE TO AVOID INTERFERENCE WITH THE BOTTOM RAIL OF THE 2-BAR METAL RAIL AND THE 2-BAR METAL RAIL POSTS ON EITHER SIDE OF THE LIGHT PEDESTAL. GATE SHALL BE LOCKED WITH A LOCK PROVIDED BY THE AGENCY RESPNOSIBLE FOR MAINTAINING THE LIGHT POLES. SEE SHEET TITLED "2-BAR METAL RAIL, SHEET 3 OF 4" FOR RAIL POST SPACING.

72"CHAIN LINK FENCE

TOTAL PAY LENGTH 470.0 LIN.FT.

PROJECT NO. <u>U-5008</u>

MECKLENBURG

COUNTY

STATION: 20+45.05 -L- P.O.T. = 14+54.24 -Y4- P.O.T.

SHEET 1 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

CHAIN LINK FENCE DETAILS

SEAL 032954

PARTIAL ELEVATIONS

MIDDLE ELEVATION

 $228'-6\frac{3}{8}$ " (ALONG ARC)

2.875"0.D. LINE POSTS: 37 SPA. @ 6'-0"CTS.

SIDEWALK —

2.875"O.D. LINE POSTS: 40 SPA. @ 6'-0"CTS.

PLAN OF FENCE POST SPACING

1 ¼″Ø STEEL PIPE —

CONCRETE PARAPET

<u></u> 3/8″∅ BOLTS

(TYP.)

247'-6<sup>13</sup>/<sub>16</sub>" (ALONG ARC)

— 11 GA. STEEL GALV.

TO ALL PIPES

\_\_1<sup>1</sup>/<sub>4</sub>"Ø STEEL PIPE

WIRE TIES @ 12" ± CTS.

W.P. #3-

CONCRETE PARAPET —

-BENT #2

CONTROL LINE

PEDESTAL —

3'-0" 3'-0"

€ LIGHT

3'-0" | 3'-0"

----SIDEWALK

— € LIGHT

PEDESTAL

--- CONCRETE PARAPET

1'-2" 3'-0"

 $\bigcirc$ 

—BENT #1

**○** 

111/4" 5'-0"

CONTROL LINE

W.P. #2-

TENSION BAND

@ 1'-2" MAX. CTRS. —

¾″∅ TRUSS RODS-

TENSION BAR —

 $\frac{3}{4}$ "  $\times$   $\frac{1}{4}$ "

 $2\frac{1}{2}$ " I.D.  $(2\frac{7}{8}$ " O.D.) -STEEL PIPE (TYP.)

BENT CONTROL LINE -

CONST. JT.

SEE BOLT SETTING AND --

PIPE CLAMP DETAILS

AT END PANELS

#11 GAGE X 2.875"O.D.

SPAN B

·1<sup>1</sup>/4″Ø STEEL PIPE—

STEEL END POST

/--- #11 GAGE X 2.875"O.D.

STEEL END POST

TOP POST →

BRACKET (TYP.)

BOTTOM POST —

END POST ELEVATION

(TYP. AT BENT 1 AND BENT 3)

BRACKET

(TYP.)

2'-45/16" | MEASURED ALONG OUTSIDE

**←** Q JOINT &

BENT #3

CONTROL LINE

MEASURED ALONG OUTSIDE

FACE OF PARAPET

FACE OF PARAPET

KCI ASSOCIATES OF NC, P.A 9741 SOUTHERN PINE BLVD CHARLOTTE, NC 28273 704-499-9452 NC LICENSE No. C-0764

Tared C. Medlin 2/19/2015

SHEET NO REVISIONS S-44 NO. BY: DATE: SHEETS

DRAWN BY: C.L.RUDISILL DATE: OCT. 2014
CHECKED BY: J.C.MEDLIN DATE: OCT. 2014