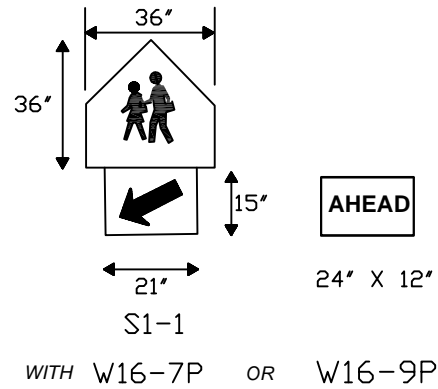
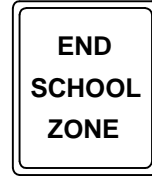


## SIGN DETAIL



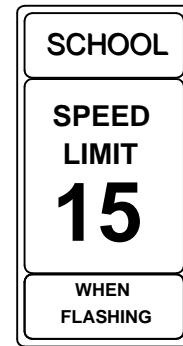
36" X 36"

FTP-33-04



24" X 30"

S5-2



S4-3, 24" X 8"

R2-1, 24" X 30"

S4-4, 24" X 10"

## NOTES

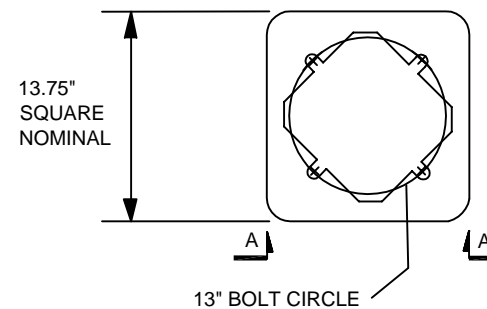
1. ALL FASTENERS SHALL BE STAINLESS STEEL.
2. SIGNAL INDICATIONS SHALL BE LED TYPE.
3. CONTRACTOR SHALL NOTIFY BROWARD COUNTY SPECIAL PROJECTS COORDINATOR III, LINDA LASKIN AT 954-847-2671 PRIOR TO CONSTRUCTION.
4. INSTALL BEACON OUTSIDE OF CLEAR ZONE.
5. NO SIDEWALK OBSTRUCTIONS PERMITTED TO HEIGHT OF 7'.
6. SEE "GENERAL REQUIREMENTS FOR THE INSTALLATION OF BROWARD COUNTY SCHOOL FLASHERS" DOCUMENT, LATEST EDITION, AS AVAILABLE AT [www.broward.org/traffic](http://www.broward.org/traffic), FOR INSTALLATION REQUIREMENTS. THIS DOCUMENT MUST BE ADHERED TO FOR ALL INSTALLATIONS.
7. SEE "MAINTENANCE OF TRAFFIC SCHOOL/PEDESTRIAN" DOCUMENT, LATEST EDITION, AS AVAILABLE AT [www.broward.org/traffic](http://www.broward.org/traffic), FOR ADDITIONAL REQUIREMENTS.
8. SEE FDOT'S DESIGN STANDARDS DATED JANUARY, 2007, INDEXES 17344, 17355 AND 17745 FOR MAST ARM INSTALLATIONS.

## SIGNAL HEAD DETAIL



12" YELLOW LED WITH TUNNEL VISOR

## BASE PLATE DETAIL



SOLAR PANEL, BATTERY AND ELECTRONICS (CARMANAH R-829C OR EQUIVALENT) COLOR = BLACK

12" YELLOW LED IN BLACK HOUSING, SINGLE SIGNAL SECTION WITH TUNNEL VISOR, TOP AND BOTTOM BRACKETS, ALL BLACK.

SIGN PANEL (SEE SIGN DETAIL AND AS CALLED FOR PER LOCATION)

U-BOLT SIGN CLAMP ASSEMBLY WITH 5/16" INCH SIGN MOUNTING HARDWARE. (PELCO SH-0206 OR EQUIVALENT)

FLASHER CABINET, DIM. 14" WIDE BY 16" HIGH BY 11" DEEP, WITH MOUNTING HARDWARE INCLUDING FLASHER, PAGER SYSTEM, TIME SWITCH AND TIME SWITCH HARNESS. (NAZTEC PART # 50040-2053 OR EQUIVALENT)

POLE, SPUN ALUMINUM SCHEDULE 40, 4.5" INCH O.D. X .237" INCH WALL (PELCO PB-5100, 12 LF OR EQUIVALENT)

ALUMINUM SLIP FIT COLLAR

ALUMINUM PEDESTAL BASE ASSEMBLY WITH ALUMINUM DOOR AND GROUNDING LUG. (PELCO PB-5335 OR EQUIVALENT)

FINAL GRADE

20 LF 5/8" INCH DIAMETER COPPER CLAD GROUND ROD, CONTINUOUS OR ARRAY.

POLE CAP, PELCO SE-3037 OR EQUIVALENT

"PUCK" STYLE ANTENNA REQUIRED. (NAZTEC OR EQUIVALENT)

12' MIN  
15' MAX

LOCK IS NAZTEC PART # 2847-0010 OR EQUIVALENT

48" MIN  
54" MAX

1" CHAMFER

ANCHOR BOLTS, SET OF FOUR, 0.75 INCH DIAMETER BY 18 INCH LENGTH. (PELCO PB-5306 OR EQUIVALENT)

24 INCH DIAMETER ROUND FOOTER, 36 INCH DEPTH. TYPE ONE CONCRETE.

## SOLAR POWERED SCHOOL BEACON

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (DATED 2008). AND DEPARTMENT OF TRANSPORTATION. ROADWAY AND TRAFFIC DESIGN STANDARDS BOOKLET (DATED 2007).



PUBLIC WORKS DEPARTMENT  
TRAFFIC ENGINEERING DIVISION

REV DATE: 7/8/08

SCALE: N.T.S.

DESIGN BY: KEITH SMITH

DRAWN BY: LARRY MITCHELL

SHEET 1 OF 1

CHECKED BY: SCOTT BRUNNER, P.E.

**SOLAR POWERED SCHOOL  
BEACON DETAIL**