BASE PLATE DETAIL
(PLAN VIEW)

CONCRETE FOOTER

13.75" SQUARE NOMINAL

13" DIAMETER BOLT CIRCLE

PEDESTAL BASE ASSEMBLY

SIGNAL HEAD DETAIL
(FRONT VIEW)

12" YELLOW LED WITH TUNNEL VISOR

NOTES:
1. ALL FASTENERS SHALL BE STAINLESS STEEL.
2. SIGNAL INDICATIONS SHALL BE LED TYPE.
3. CONTRACTOR SHALL NOTIFY TOWN OF CARY PRIOR TO CONSTRUCTION.
4. INSTALL BEACON OUTSIDE OF CLEAR ZONE.
5. NO SIDEWALK OBSTRUCTIONS PERMITTED TO HEIGHT OF 7 FEET.
6. ASSEMBLY SHALL MATCH OTHERS WITHIN THE TOWN OF CARY.
7. ALL SCHOOL SIGNS SHOULD USE STRONG YELLOW–GREEN COLOR WHERE APPLICABLE.
8. SPEED LIMIT ON S5–1 TO BE DETERMINED BASED ON TOWN POLICY.
9. SEE TOWN POLICY 153 FOR ALL SIGNS REQUIRED WITHIN SCHOOL ZONES.

SCHOOL SPEED LIMIT FLASHER ASSEMBLY

SOLAR POWERED SCHOOL BEACON

12" YELLOW LED IN YELLOW HOUSING, SINGLE SIGNAL SECTION W/ TUNNEL VISOR, TOP & BOTTOM BRACKETS ALL YELLOW.

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

POLE CAP (PELCO SE-3037 OR EQUIVALENT)

SIGN PANEL - S5–1
(SEE SIGN DETAIL, THIS SHEET) 
(AS CALLED FOR PER LOCATION)

12'-0" MINIMUM
15'-0" MAXIMUM

DATA ACCESS POINT

POLE, 14 LF, SPUN ALUMINUM (PELCO PB-5100 OR EQUIVALENT)

ALUMINUM SLIP FIT COLLAR

ALUMINUM PEDESTAL BASE ASSEMBLY W/ ALUMINUM DOOR & GROUNDING LUG (PELCO PB-5335 OR EQUIVALENT)

GROUND ROD, CONTINUOUS OR ARRAY

20 LF, 5/8" DIA. COPPER CLAD

ANCHOR BOLTS, SET OF FOUR, 3/4" DIAMETER BY 18" LENGTH (PELCO PB-5306 OR EQUIVALENT)

1" CHAMFER

24" DIAMETER ROUND FOOTER, 36" DEPTH, TYPE ONE CONCRETE

SCHOOL SPEED LIMIT FLASHER ASSEMBLY

EFFECTIVE: 05/15/20

DETAIL No. 03400.08