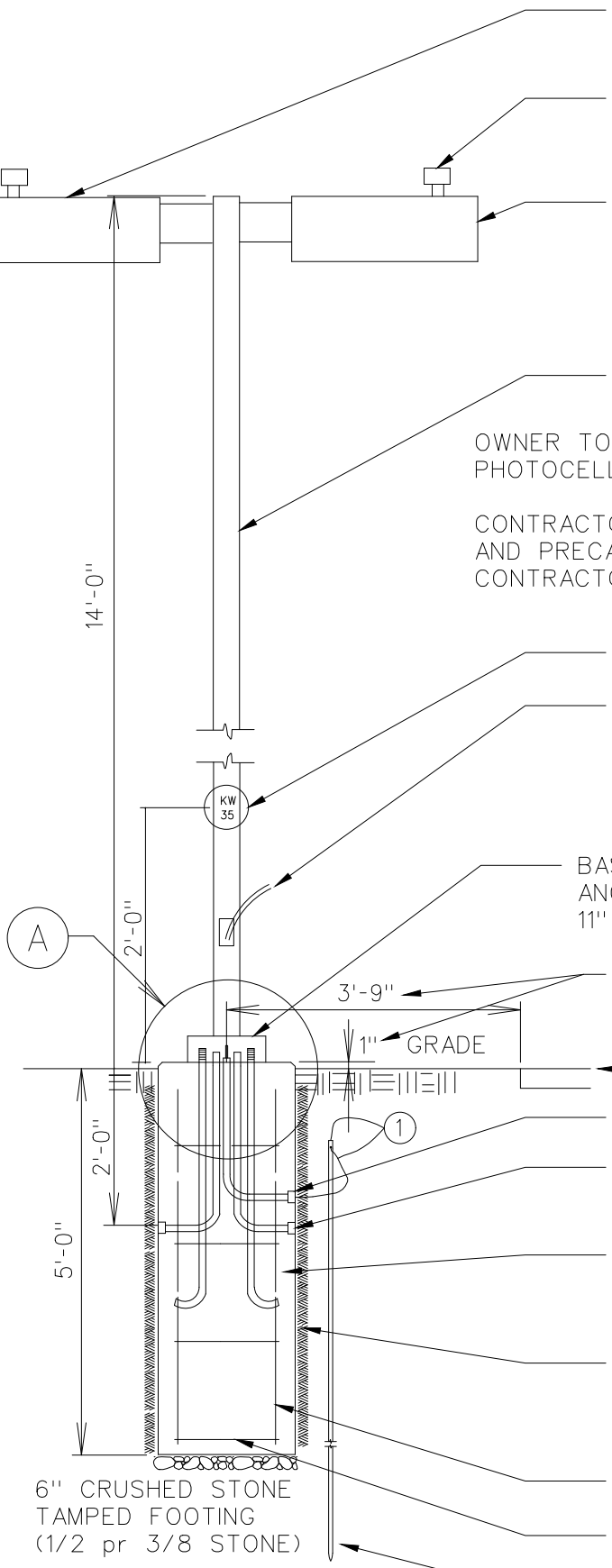
REV. 11/18



KIM LIGHTING, LUMINAIRE MODEL * ETO/1A/ET2/60L/ 4K/VOLTAGE/DB/A-25-W/PICOPRISM LED.

PHOTOCELL OR SHORTING CAP PROVIDED BY OWNER, PHOTOCELL MODEL TYCO #8090-VFS-BL.

SECOND FIXTURE, IF REQUIRED.
PROVIDE SEPARATE UF TYPE CABLE MIN. SIZE 12/2 RUNNING UP INSIDE POLE FOR EACH LUMINAIRE.

KIM LIGHTING, MODEL PSA14-4125-A-DB-P (POLE).

OWNER TO FURNISH LUMINAIRE(S), POLE, BASECOVER, PHOTOCELL(S), AND POLE ID#S.

CONTRACTOR SHALL PROVIDE CONDUIT, CABLES, GROUND ROD, AND PRECAST CONCRETE FOUNDATION WITH ANCHOR BOLTS. CONTRACTOR SHALL ASSEMBLE AND SET COMPLETE ASSEMBLY.

ISU IDENTIFICATION NUMBERS, SEE DETAIL A.

INCOMING CIRCUIT ELECTRICAL WIRE SHALL EXTEND 12" FROM HANDHOLE. INCOMING EQUIPMENT GROUND WIRE SHALL BOND TO POLE GROUNDING LUG AND WITH #6 AWG BARE SOLID COPPER GROUND WIRE CONNECTED TO TO GROUND ROD.

BASE COVER PLATE, ANCHOR BOLTS 3/4" X 15" X 3"
ANCHOR BOLT PROTRUSION 3-1/8"
11" BOLT CIRCLE PATTERN.

INSTALL CENTER OF BASE 3'-9" FROM EDGE OF SIDEWALK AND TOP OF BASE 1" MIN ABOVE GRADE.

SIDEWALK

3/4" PVC CONDUIT FOR GROUND WIRE TO ROD.

THREE (3) 1" PVC CONDUITS STUBBED OUT ON SIDES OF POLE BASE. CAP SPARE CONDUITS.

PROVIDE 7000 PSI , 16" SQUARE X 60" PRECAST CONCRETE FOUNDATION, FROM IOWA BASE, INC. (PHONE 641-435-4159).

24" AUGERED HOLE, BACKFILL VOIDS WITH 1/4" OR SMALLER CRUSHED CONCRETE, POWER TAMPED IN 6" INCREMENTS.

4-#4 CORNER RODS.

#2 TIES @ 1'-3" O.C.

5/8"X10'-0" GROUND ROD.

(1) CAD-WELD CONNECTION TO #6 AWG SOLID COPPER WIRE.

STANDARD PRE-CAST FOUNDATION DETAIL

ISU SIDEWALK LIGHTING