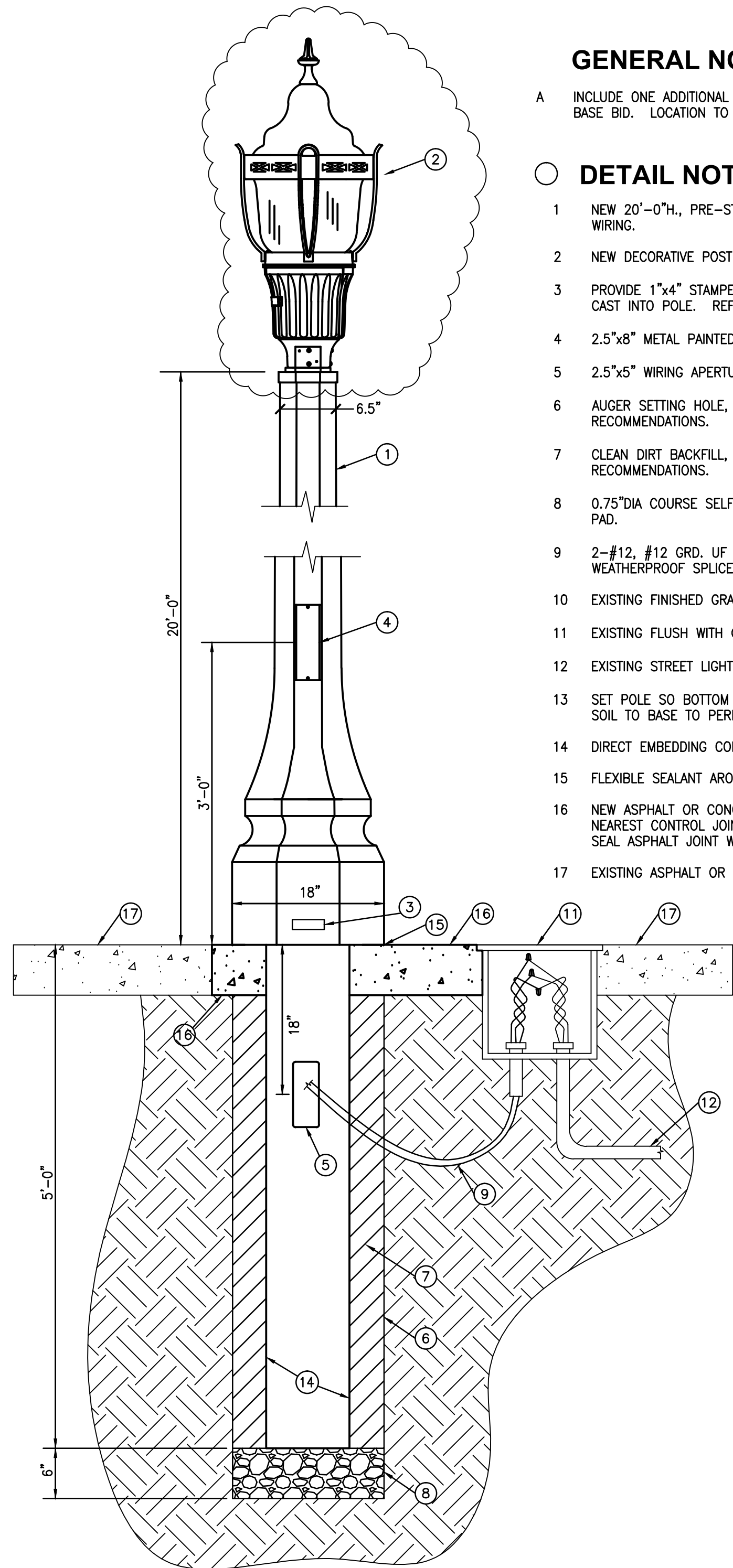
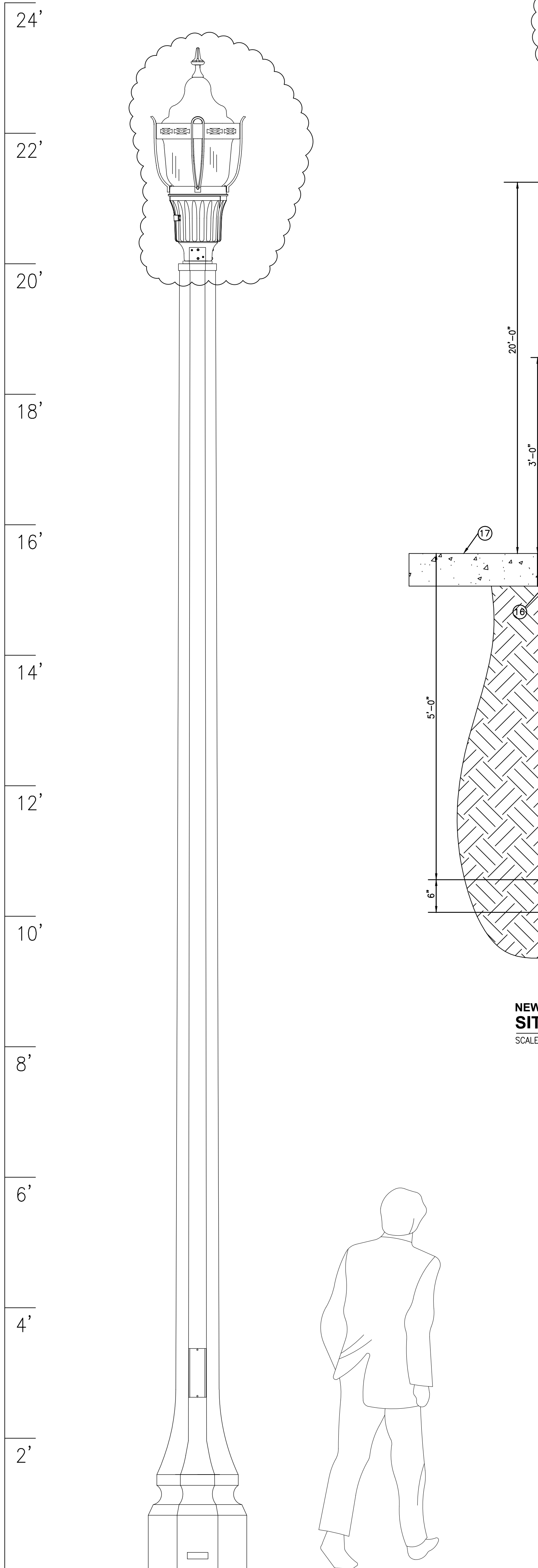


PROJECT NO. 2012-04010
HEAPY ENGINEERING
DAYTON/COLUMBUS, OHIO & INDIANAPOLIS, INDIANA
DATE: 01/07/2013
DRAWN BY: JAC
CHECKED BY: JAC
DATE: 01/07/2013
SCALE: 1" = 1'-0"

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NEW WORK - ASPHALT/CONCRETE
SITE LIGHTING STANDARD
SCALE: APPROX. 1" = 1'-0"

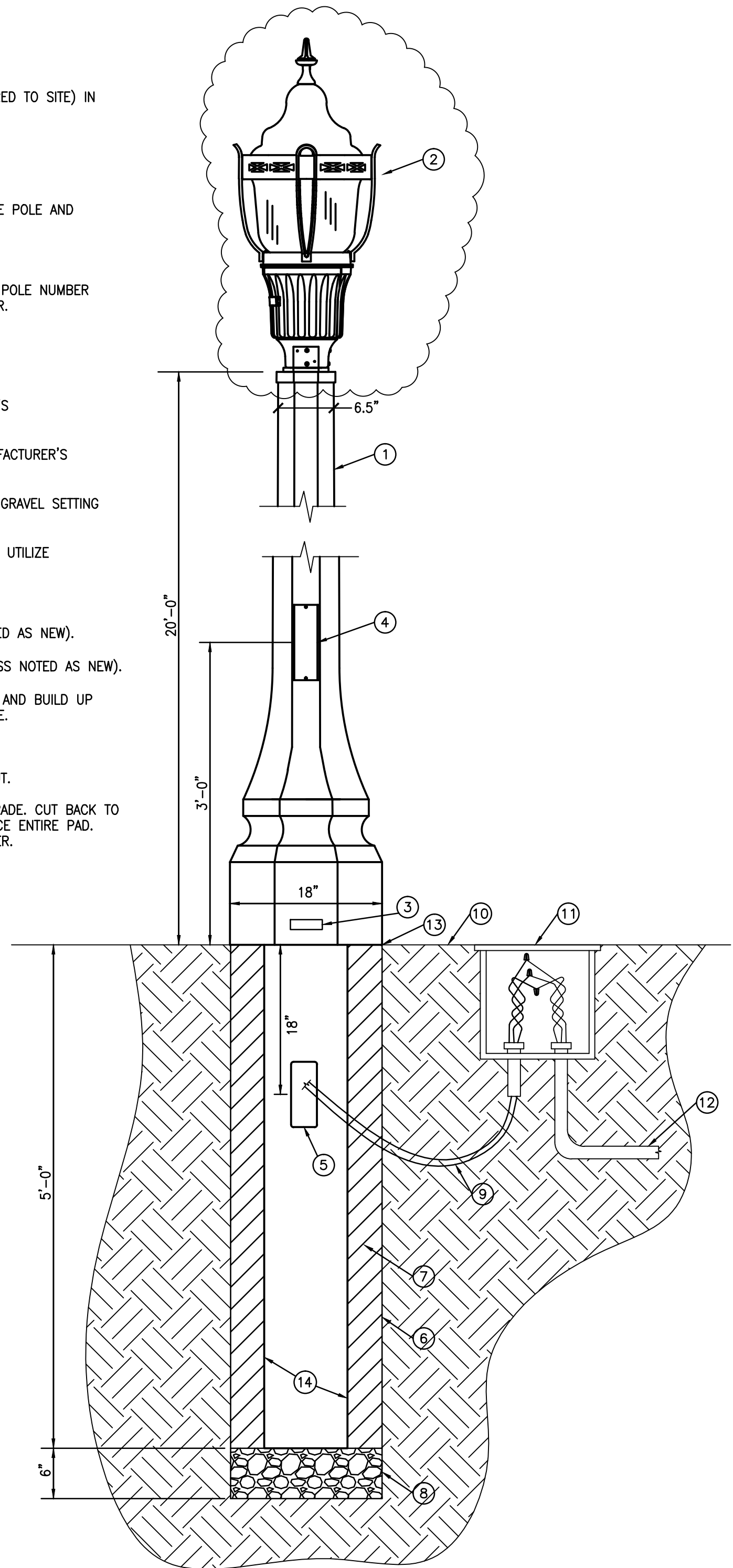
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GENERAL NOTES

A INCLUDE ONE ADDITIONAL POLE AND LUMINAIRE (DELIVERED TO SITE) IN BASE BID. LOCATION TO BE DETERMINED BY COTR.

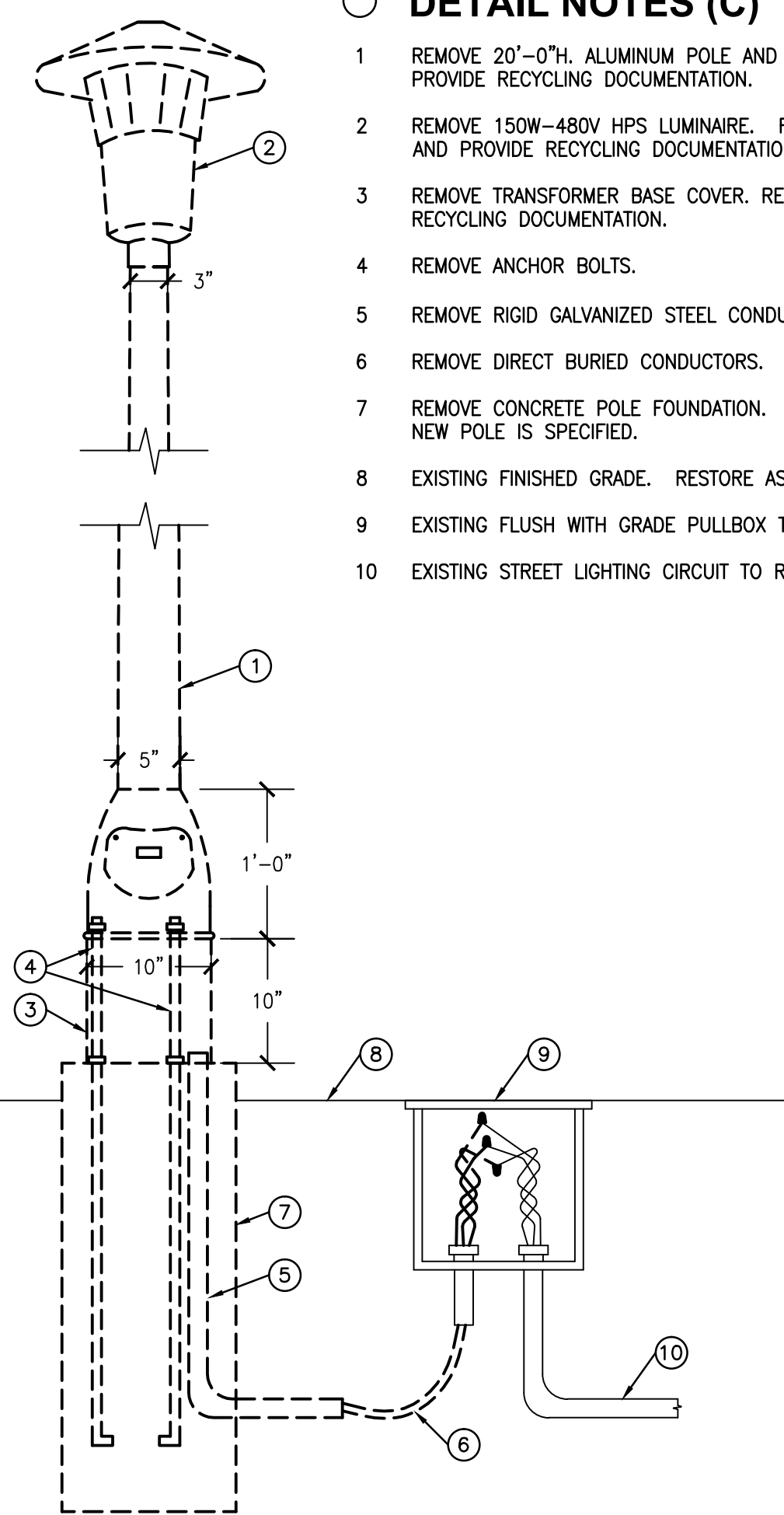
DETAIL NOTES (A/B)

- 1 NEW 20'-0"H. PRE-STRESSED DECORATIVE CONCRETE POLE AND WIRING.
- 2 NEW DECORATIVE POST-TOP LED LUMINAIRE.
- 3 PROVIDE 1"x4" STAMPED ALUMINUM NAMEPLATE WITH POLE NUMBER CAST INTO POLE. REFER TO SITE PLAN FOR NUMBER.
- 4 2.5"x8" METAL PAINTED HANDHOLE COVERPLATE.
- 5 2.5"x5" WIRING APERTURE.
- 6 AUGER SETTING HOLE, DIAMETER PER MANUFACTURER'S RECOMMENDATIONS.
- 7 CLEAN DIRT BACKFILL, TAMPING EVERY 4" PER MANUFACTURER'S RECOMMENDATIONS.
- 8 0.75"DIA COURSE SELF COMPACTING, FREE DRAINING GRAVEL SETTING PAD.
- 9 2-#12, #12 GRD. UP DIRECT BURIED CONDUCTORS. UTILIZE WEATHERPROOF SPLICES ON BOTH ENDS.
- 10 EXISTING FINISHED GRADE.
- 11 EXISTING FLUSH WITH GRADE PULLBOX (UNLESS NOTED AS NEW).
- 12 EXISTING STREET LIGHTING CIRCUIT TO REMAIN (UNLESS NOTED AS NEW).
- 13 SET POLE SO BOTTOM IS 1" ABOVE FINISHED GRADE AND BUILD UP SOIL TO BASE TO PERMIT DRAINAGE AWAY FROM POLE.
- 14 DIRECT EMBEDDING CONCRETE POST.
- 15 FLEXIBLE SEALANT AROUND BASE TO KEEP WATER OUT.
- 16 NEW ASPHALT OR CONCRETE TO MATCH ADJACENT GRADE. CUT BACK TO NEAREST CONTROL JOINT FOR CONCRETE AND REPLACE ENTIRE PAD. SEAL ASPHALT JOINT WITH HOT ASPHALT CRACK FILLER.
- 17 EXISTING ASPHALT OR CONCRETE.



NEW WORK - LAWN
SITE LIGHTING STANDARD
SCALE: APPROX. 1" = 1'-0"

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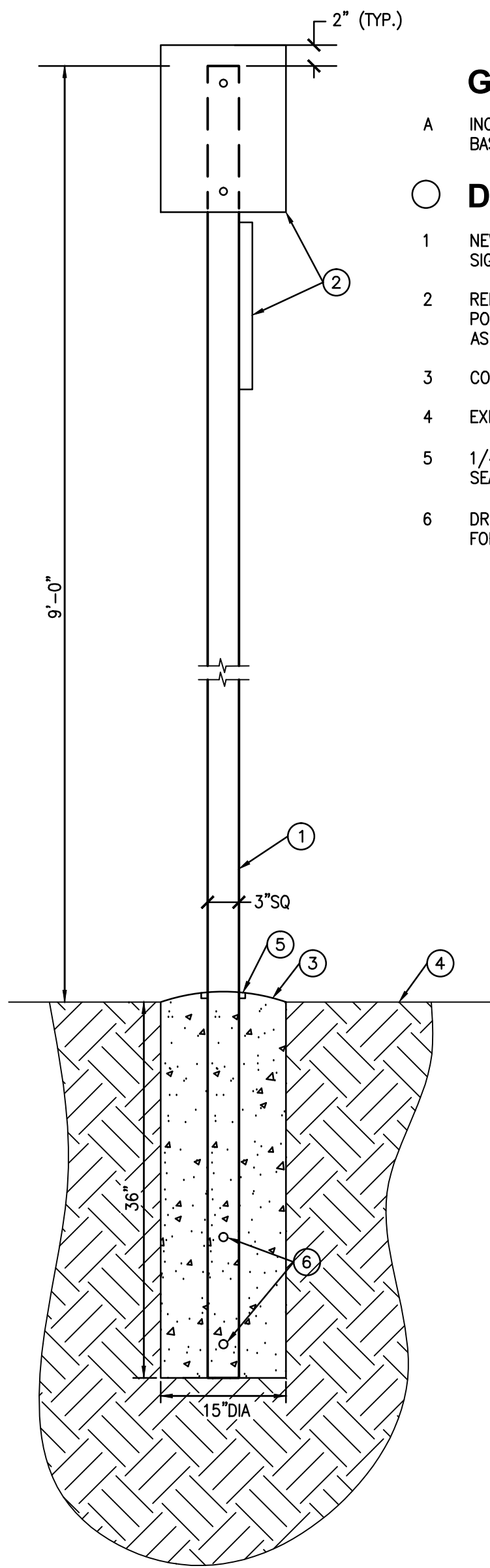


REMOVALS
SITE LIGHTING STANDARD
SCALE: NTS

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DETAIL NOTES (C)

- 1 REMOVE 20'-0"H. ALUMINUM POLE AND WIRING. RECYCLE POLE AND PROVIDE RECYCLING DOCUMENTATION.
- 2 REMOVE 150W-480V HPS LUMINAIRE. RECYCLE ALL METAL PARTS AND PROVIDE RECYCLING DOCUMENTATION.
- 3 REMOVE TRANSFORMER BASE COVER. RECYCLE COVER AND PROVIDE RECYCLING DOCUMENTATION.
- 4 REMOVE ANCHOR BOLTS.
- 5 REMOVE RIGID GALVANIZED STEEL CONDUIT(S).
- 6 REMOVE DIRECT BURIED CONDUCTORS.
- 7 REMOVE CONCRETE POLE FOUNDATION. RESTORE GRADE WHERE NO NEW POLE IS SPECIFIED.
- 8 EXISTING FINISHED GRADE. RESTORE AS REQUIRED.
- 9 EXISTING FLUSH WITH GRADE PULLBOX TO REMAIN.
- 10 EXISTING STREET LIGHTING CIRCUIT TO REMAIN.



NEW WORK
SIGN POST
SCALE: NTS

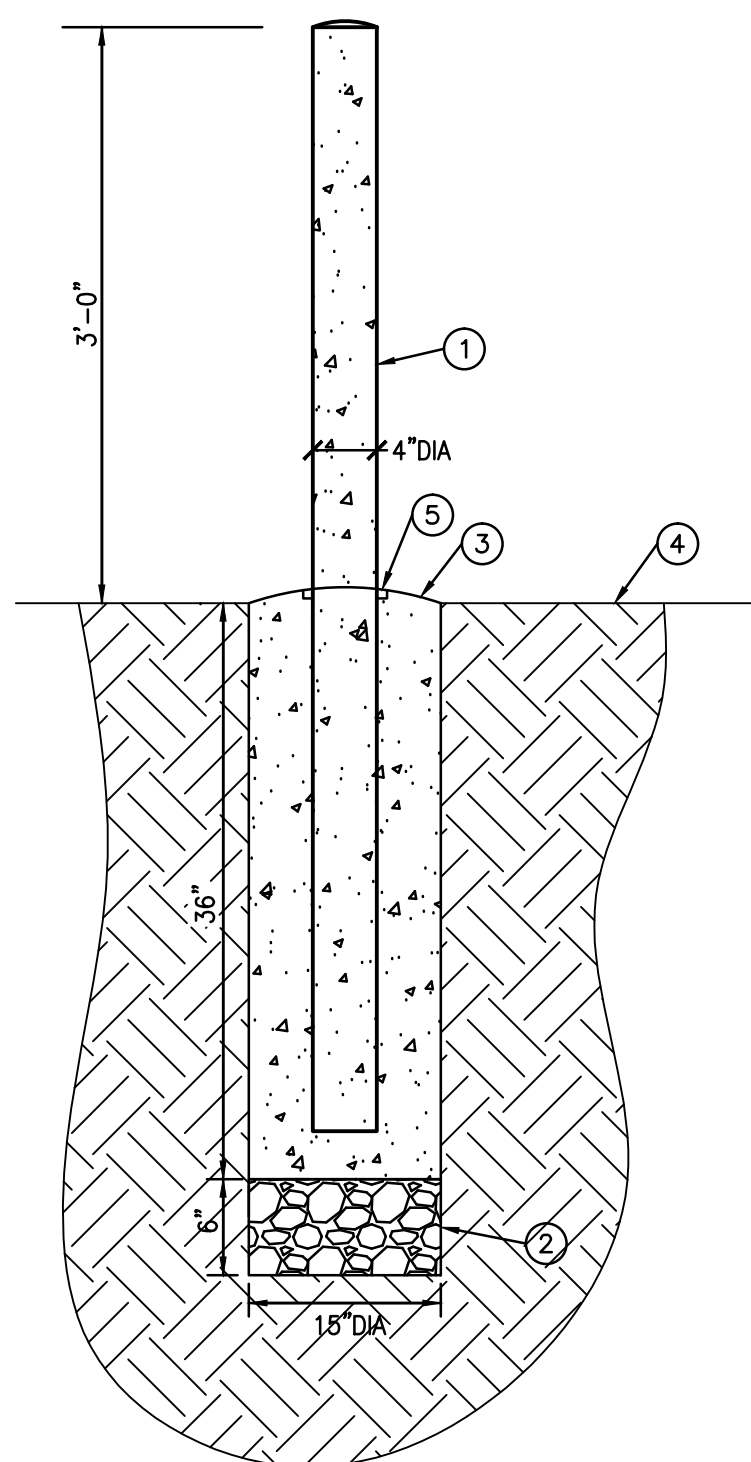
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GENERAL NOTES

A INCLUDE ONE ADDITIONAL INSTALLED SIGN POLE IN BASE BID. LOCATION TO BE DETERMINED BY COTR.

DETAIL NOTES (D)

- 1 NEW 3"x3"x12"H., 0.125" THICK EXTRUDED ALUMINUM SIGN POLE, BLACK POWDER COATED FINISH.
- 2 RELOCATE ALL EXISTING SIGNS FROM SITE LIGHTING POLE TO NEW SIGN POLE. PROVIDE NEW HARDWARE AS REQUIRED.
- 3 CONCRETE FOUNDATION WITH SLIGHTLY DOMED TOP.
- 4 EXISTING FINISHED GRADE.
- 5 1/4"W x 1/4"D REVEAL WITH FLEXIBLE CONCRETE SEALER TO PREVENT WATER INFILTRATION.
- 6 DRILL 2-0.75" HOLES BELOW GRADE ON EACH SIDE FOR CONCRETE TO LOCK POLE IN.



BOLLARD DETAIL
SCALE: NTS

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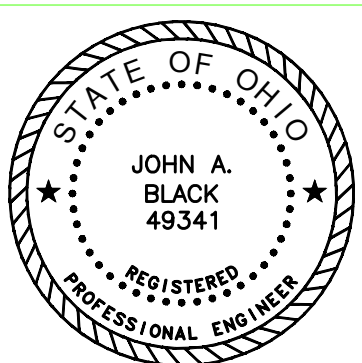
GENERAL NOTES

A INCLUDE TWO ADDITIONAL INSTALLED BOLLARDS IN BASE BID. LOCATION TO BE DETERMINED BY COTR.

DETAIL NOTES (E)

- 1 4" DIA GALVANIZED STEEL BOLLARD, CONCRETE FILLED WITH DOMED CONCRETE TOP. PRIMED AND PAINTED, COLOR SELECTED BY COTR.
- 2 COMPACTED GRAVEL SUBGRADE.
- 3 CONCRETE FOUNDATION WITH SLIGHTLY DOMED TOP.
- 4 EXISTING FINISHED GRADE.
- 5 1/4"W x 1/4"D REVEAL WITH FLEXIBLE CONCRETE SEALER TO PREVENT WATER INFILTRATION.

ENGINEER:



Drawing Title
ELEVATIONS

Project Title
INSTALL LED
LIGHTS AND POLES

Location
4100 WEST THIRD STREET
DAYTON, OH 45428

Date
10-29-2012

Checked
MSG

Drawn
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Project Number
552-13-103

Building Number
SITE

Drawing Number
E201

Dwg. 3 of 8

Office of
Construction
and Facilities
Management

