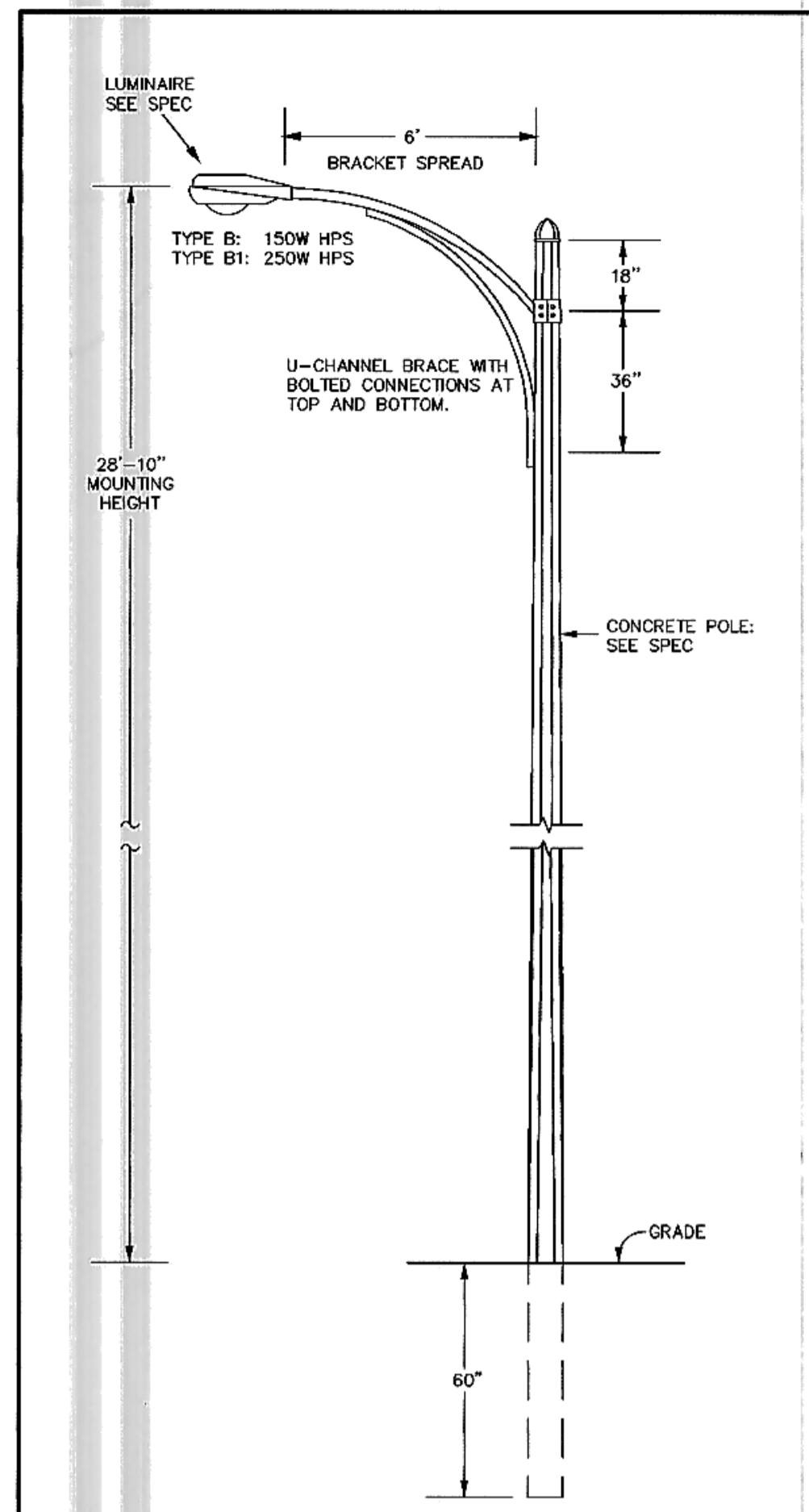


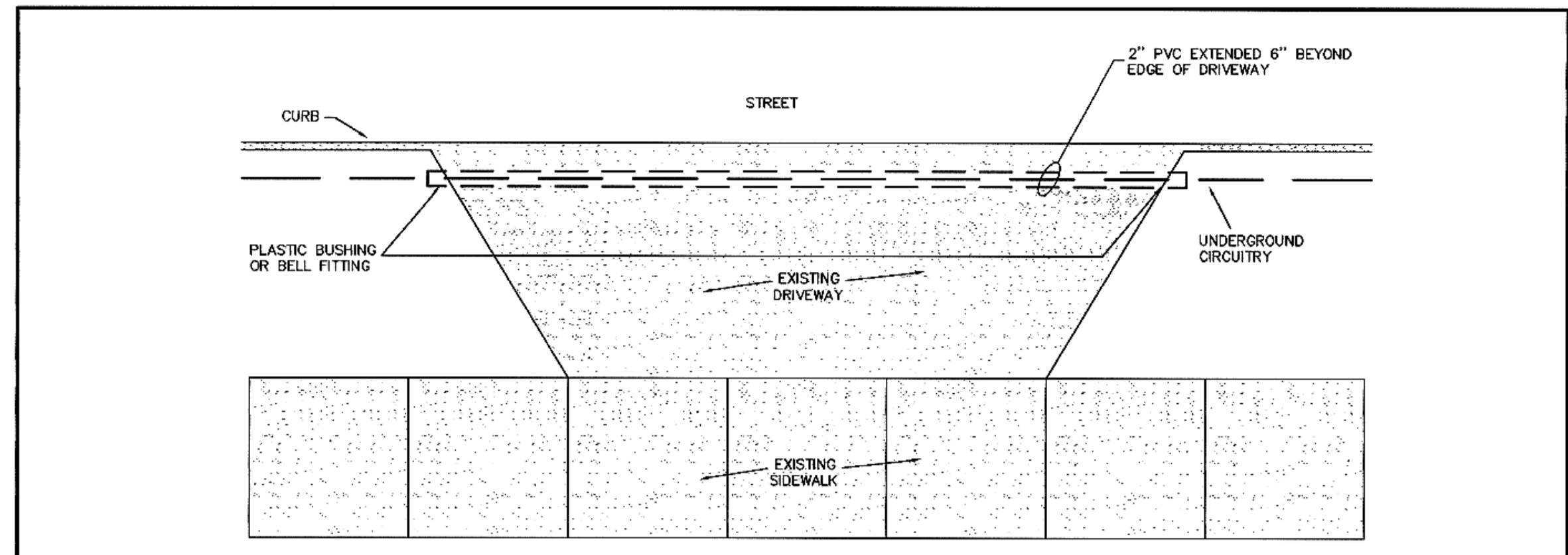
WARRANTY/ DISCLAIMER
 The designs represented in these plans are in accordance with established practices of civil engineering. However, neither Swenson, Hagen & Co. nor its personnel can or do warranty these plans as constructed except in the specific cases where Swenson, Hagen & Co. personnel inspect and control the physical construction on a full time basis.

SAFETY NOTICE TO CONTRACTOR
 In accordance with generally accepted construction practices the contractor will be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal business hours.

NOTICE TO CONTRACTOR
 The location of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representatives. The Contractor shall determine the exact location of all existing utilities before commencing work, and agree to be fully responsible for any and all damages which might be occasioned by the Contractor's failure to exactly locate and preserve any and all underground utilities. Underground locates shall be requested by using the "One Call" number 1-800-795-0555.

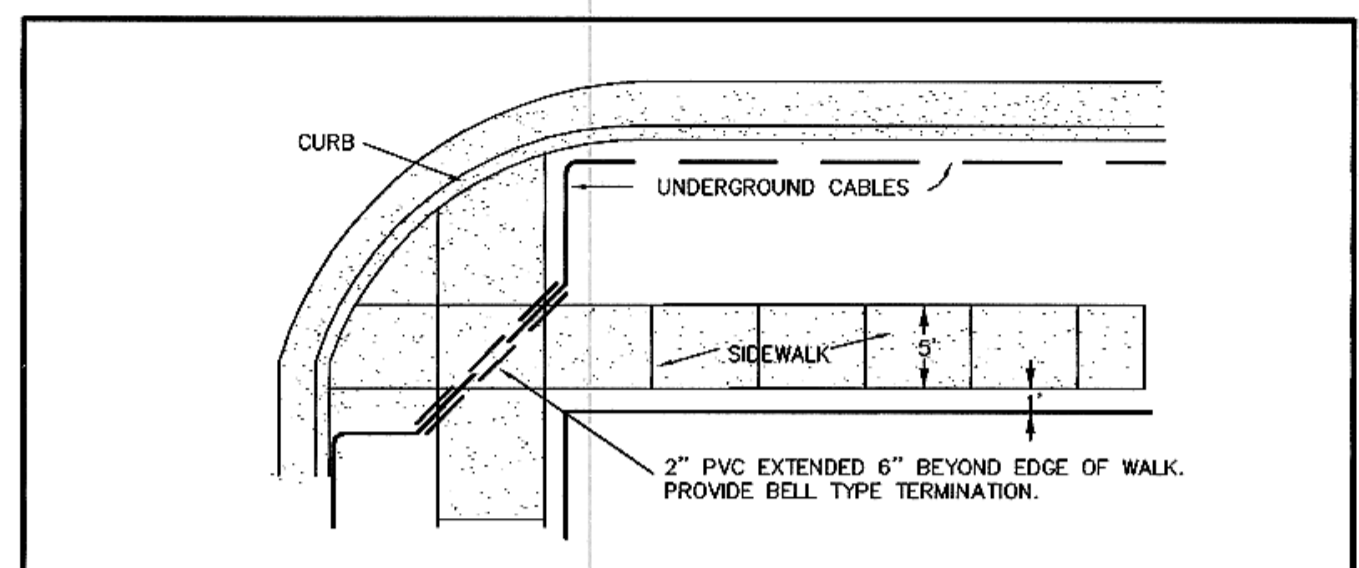


1
4
TYPE B POLE DETAIL
 NO SCALE



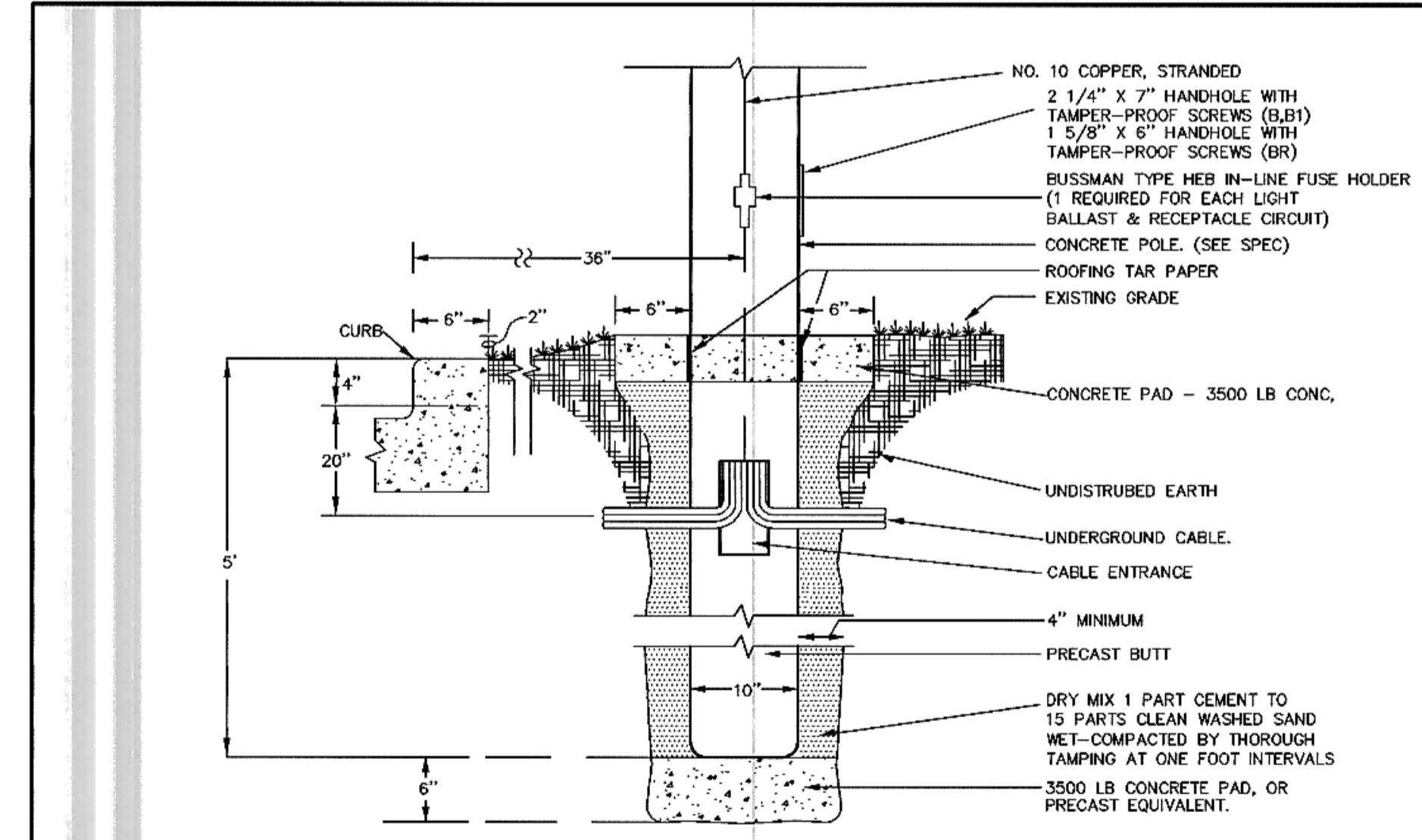
1. CONDUIT SHALL BE 24" BELOW GRADE AND SLOPED 3" FOR DRAINAGE.
2. CONDUIT SHALL EXTEND 6" BEYOND DRIVEWAY AT BOTH ENDS.
3. PROVIDE 9" LOOP IN CABLES AT EACH CONDUIT END.

3
4
DRIVEWAY CROSS-UNDER DETAIL
 NO SCALE

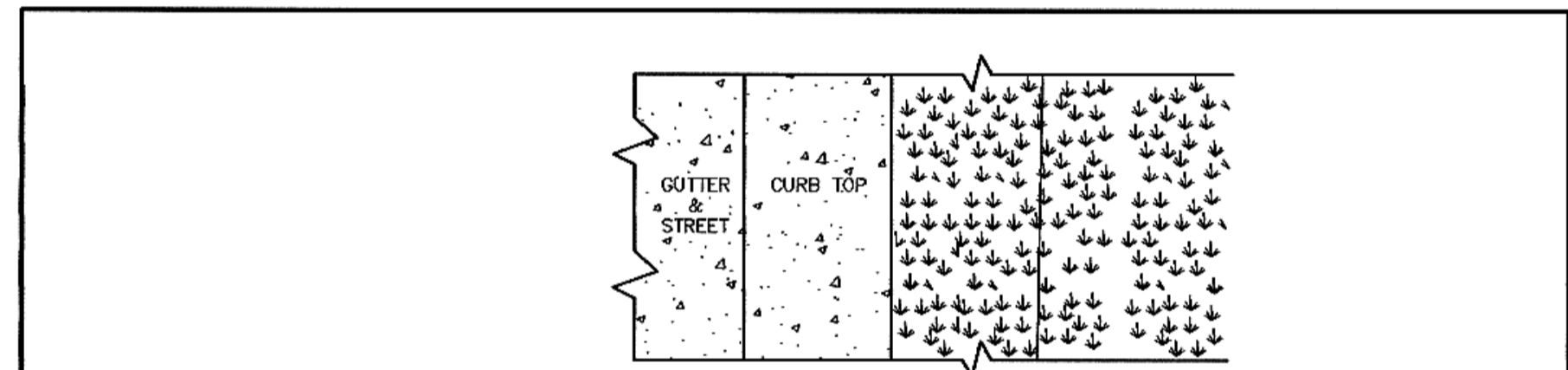


SEE NOTES 1, 2 & 3, DRIVEWAY CROSS-UNDER DETAIL.

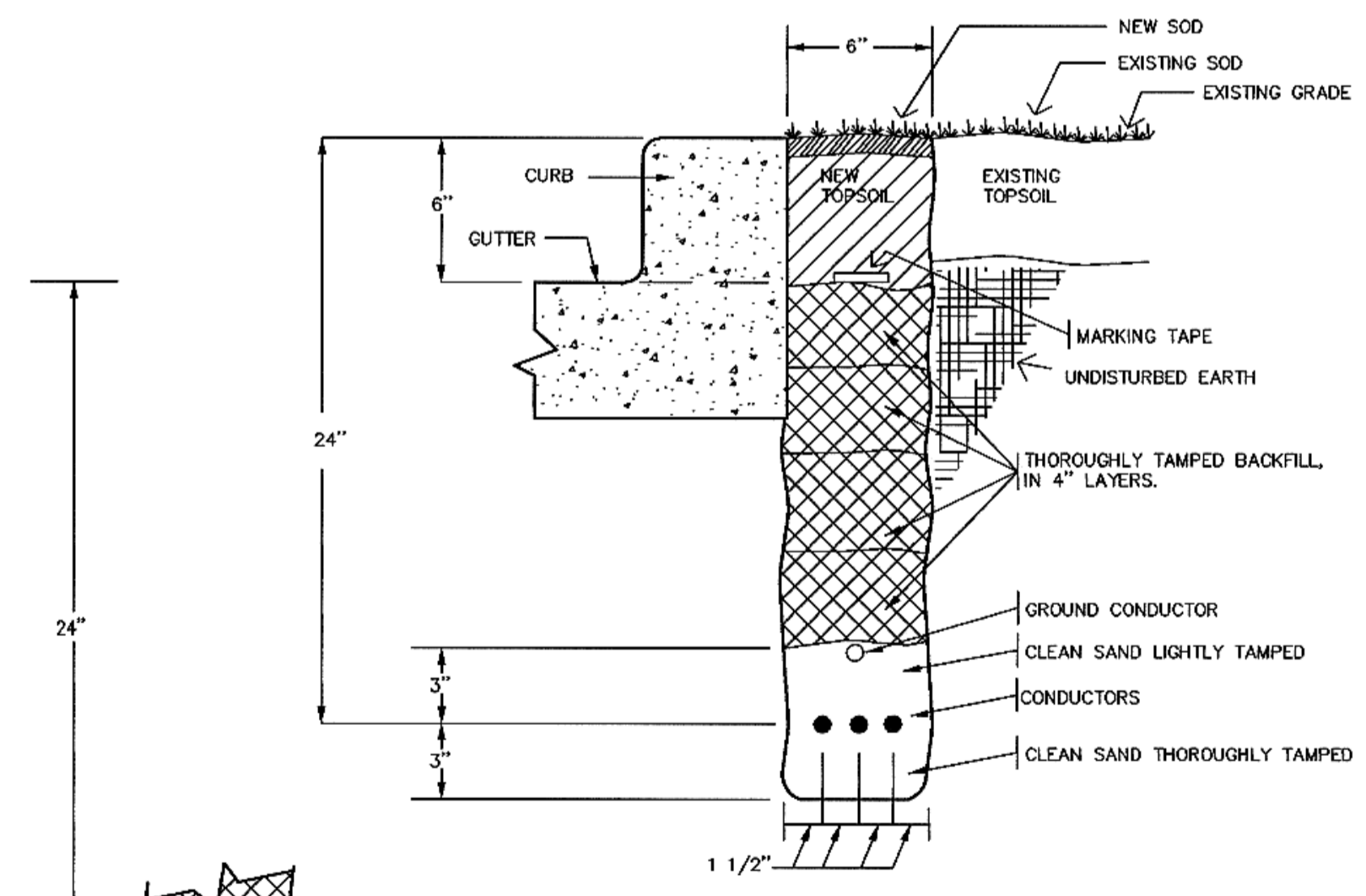
5
4
SIDEWALK CROSS-UNDER DETAIL
 NO SCALE



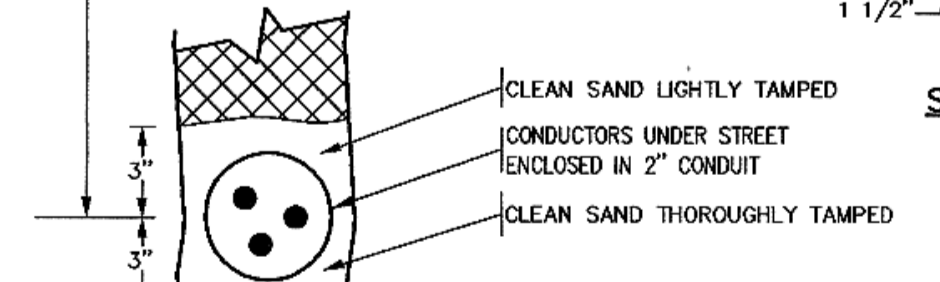
2
4
TYPE B BASE DETAIL
 NO SCALE



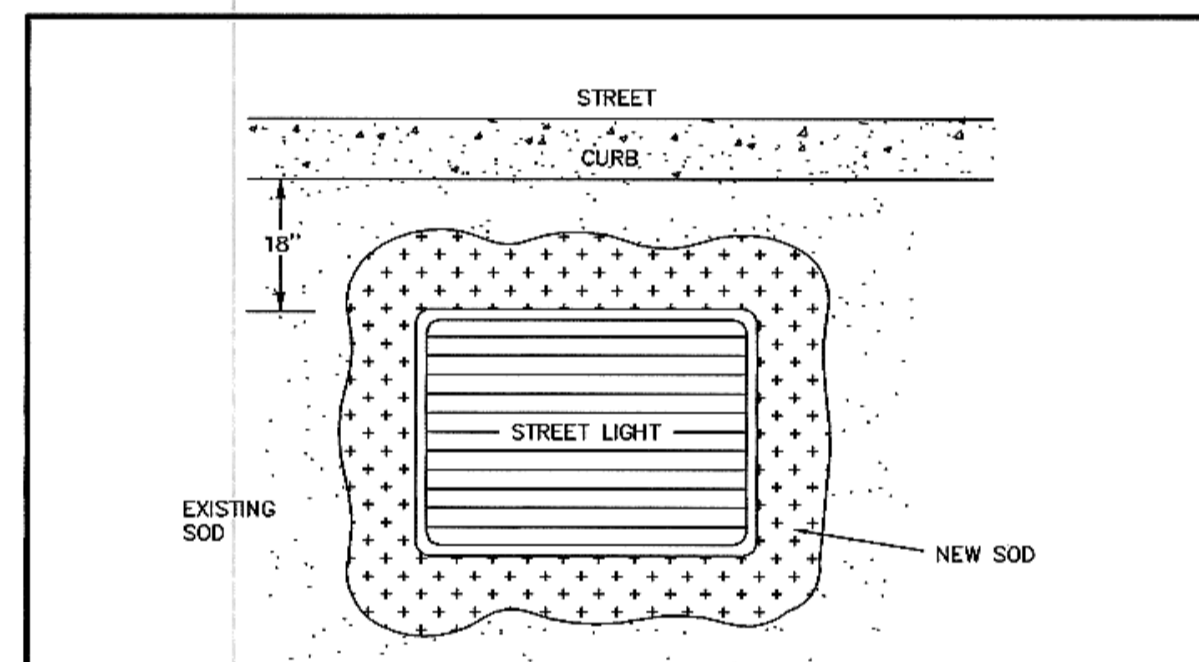
PLAN



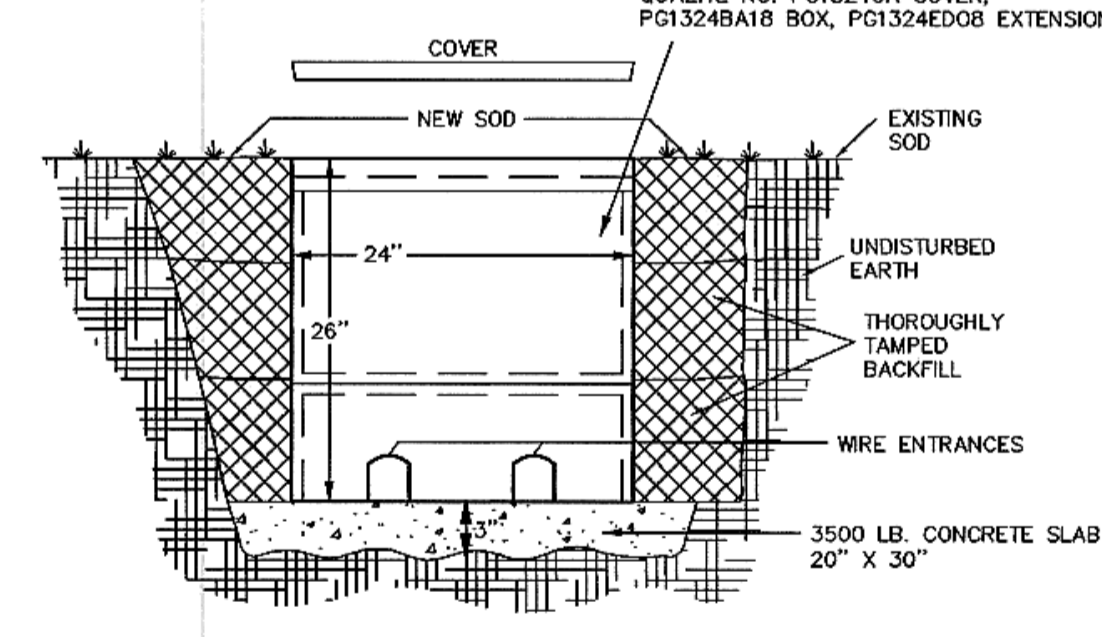
SECTION



4
4
UNDERGROUND CABLE DETAIL
 NO SCALE



PLAN

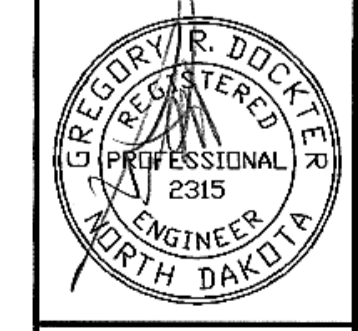


ELEVATION

1. DO NOT LOCATE IN FUTURE SIDEWALK AREAS.

6
4
JUNCTION BOX DETAIL
 NO SCALE

03545



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 E-mail: sheng@swgstate.com

Plainview Heights 8th Addition
STREET LIGHTING PLAN

STREET IMPROVEMENT PROJECT 2003-12
DISTRICT # 117 AREA "F" SHEET 4 OF 4
MANDAN, ND APRIL 30, 2003

DESIGN: JJB DRAFT: JJB

RECORD DRAWING