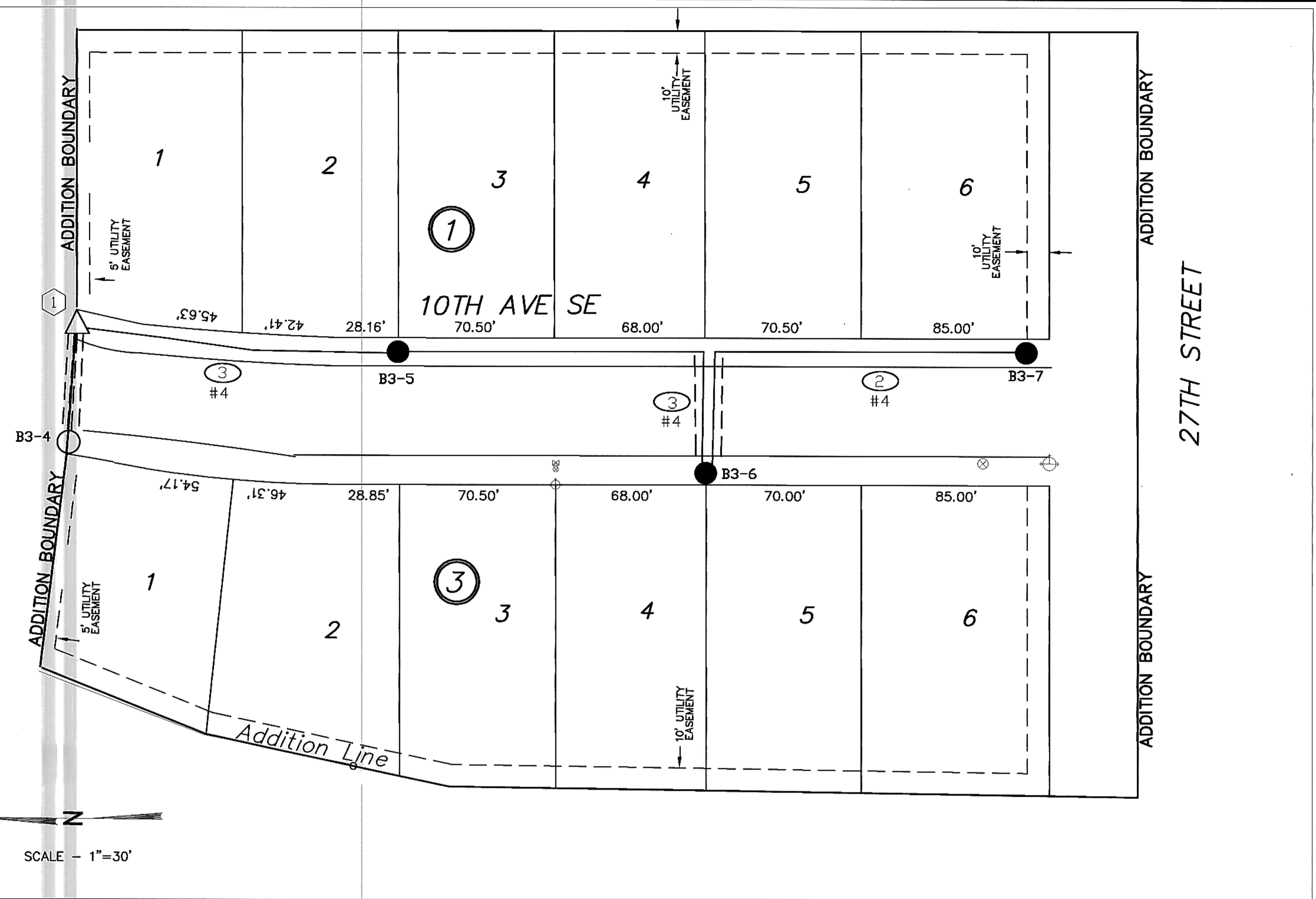


**WARRANTY/ DISCLAIMER**  
 The designs represented in these plans are in accordance with established practices of civil engineering. However, neither Swenson, Hagen & Co. nor its personnel can or do warranty these plans as constructed except in the specific cases where Swenson, Hagen & Co. personally 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.



**ELECTRICAL PLAN**  
 1" = 30'-0"

NOTES: DETAIL 1/3  
 ① CONTINUE CIRCUIT 3 FROM EXISTING JUNCTION BOX TO NEW FIXTURES.

**SYMBOLS & LEGEND**

○	EXISTING STREET LIGHT
●	NEW STREET LIGHT UNIT. NOMENCLATURE: TYPE A, RELAY #1, FIXTURE #2. ODD NUMBERS PHASE A, EVEN NUMBERS PHASE B.
⊠	FEEDPOINT - NEW
△	EXISTING JUNCTION BOX
▲	JUNCTION BOX - NEW
—	UNDERGROUND CONDUCTOR (DIRECT BURIAL)
≡	UNDERGROUND CONDUCTOR (CONDUIT ENCASED)
Ⓞ	NUMBER OF CONDUCTORS (PLUS GROUND CONDUCTOR) EXAMPLE 3 #4 AWG
≡≡	EXISTING UNDERGROUND CIRCUITRY (CONDUIT ENCASED)

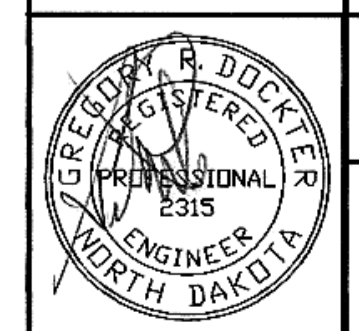
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**SWENSON, HAGEN & CO. P.C.**  
 PLANNING CIVIL ENGINEERING SURVEYING  
 SITE DESIGN CONSTRUCTION MANAGEMENT  
 909 BASIN AVE. P.O. BOX 1135 (701) 228-2800  
 BISMARCK, N.D. 58504 FAX (701) 228-2006  
 E-mail: sheng@hgate.com

**Plainview Heights 8th Addition**  
 STREET LIGHTING PLAN

STREET IMPROVEMENT PROJECT 2003-12  
 DISTRICT # 117 AREA "F" SHEET 3 OF 4  
 MANDAN, ND APRIL 30, 2003

DESIGN: JJB DRAFT: JJB



PRairie ENGINEERING, P.C.

RECORD DRAWING