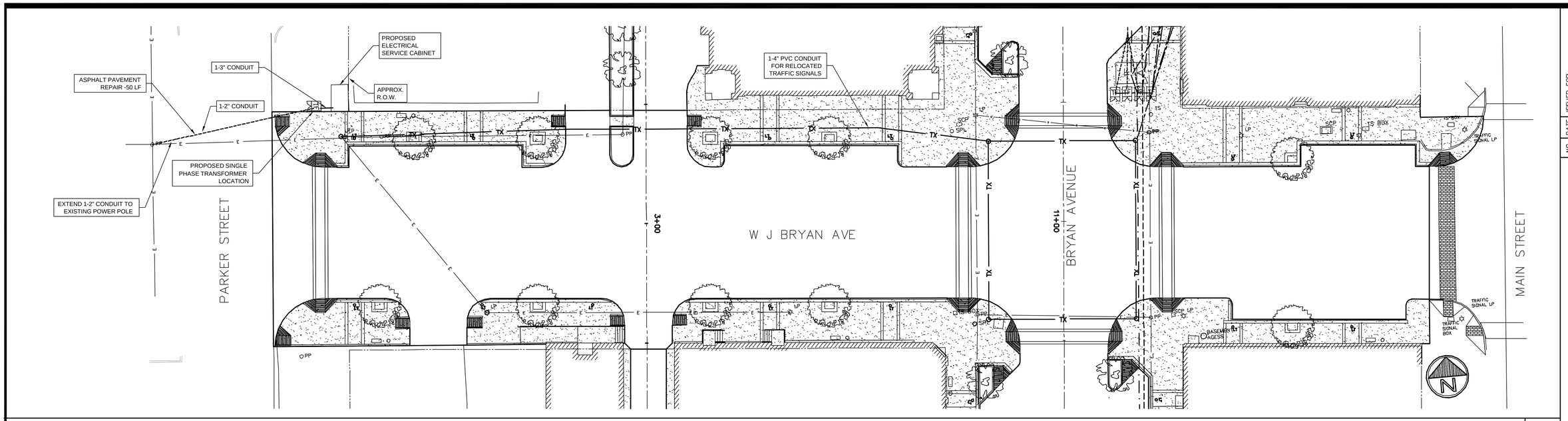
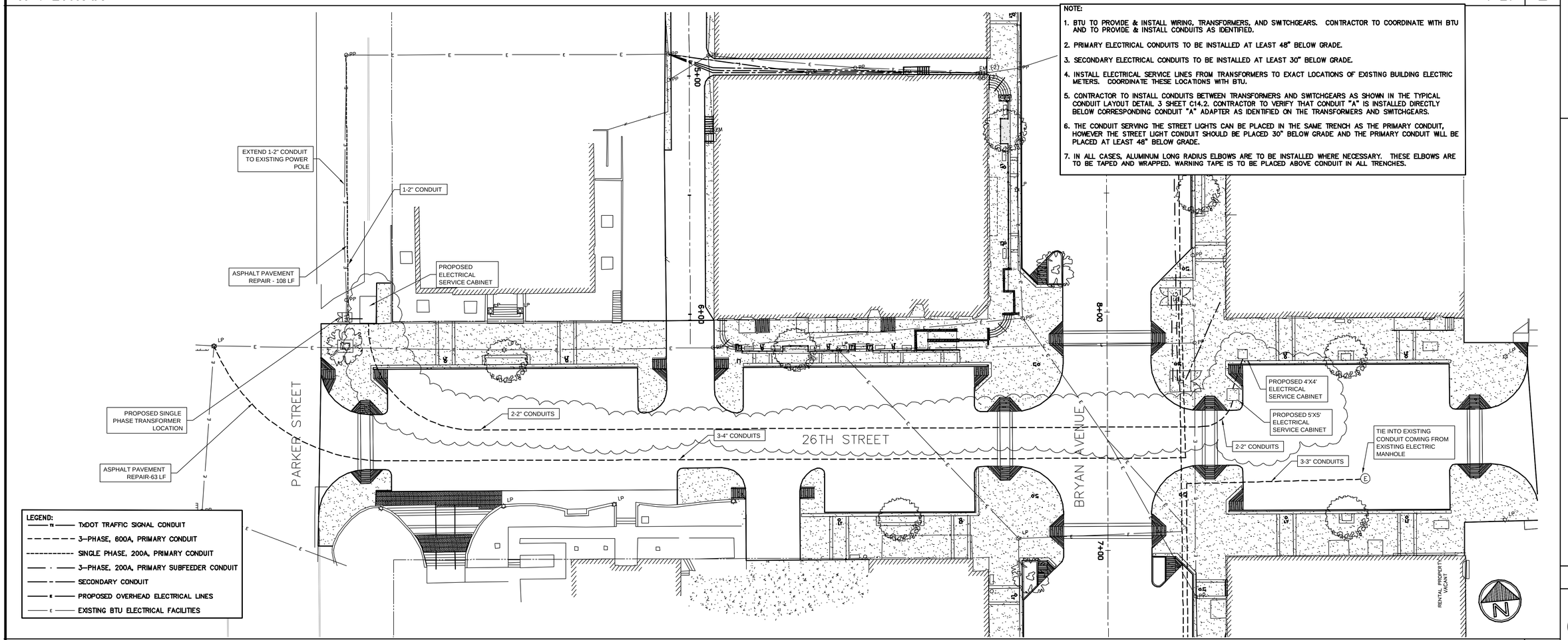


W J BRYAN

1"=20' | 2



NOTE:

1. BTU TO PROVIDE & INSTALL WIRING, TRANSFORMERS, AND SWITCHGEARS. CONTRACTOR TO COORDINATE WITH BTU AND TO PROVIDE & INSTALL CONDUITS AS IDENTIFIED.
2. PRIMARY ELECTRICAL CONDUITS TO BE INSTALLED AT LEAST 48" BELOW GRADE.
3. SECONDARY ELECTRICAL CONDUITS TO BE INSTALLED AT LEAST 30" BELOW GRADE.
4. INSTALL ELECTRICAL SERVICE LINES FROM TRANSFORMERS TO EXACT LOCATIONS OF EXISTING BUILDING ELECTRIC METERS. COORDINATE THESE LOCATIONS WITH BTU.
5. CONTRACTOR TO INSTALL CONDUITS BETWEEN TRANSFORMERS AND SWITCHGEARS AS SHOWN IN THE TYPICAL CONDUIT LAYOUT DETAIL 3 SHEET C14.2. CONTRACTOR TO VERIFY THAT CONDUIT "A" IS INSTALLED DIRECTLY BELOW CORRESPONDING CONDUIT "A" ADAPTER AS IDENTIFIED ON THE TRANSFORMERS AND SWITCHGEARS.
6. THE CONDUIT SERVING THE STREET LIGHTS CAN BE PLACED IN THE SAME TRENCH AS THE PRIMARY CONDUIT, HOWEVER THE STREET LIGHT CONDUIT SHOULD BE PLACED 30" BELOW GRADE AND THE PRIMARY CONDUIT WILL BE PLACED AT LEAST 48" BELOW GRADE.
7. IN ALL CASES, ALUMINUM LONG RADIUS ELBOWS ARE TO BE INSTALLED WHERE NECESSARY. THESE ELBOWS ARE TO BE TAPED AND WRAPPED. WARNING TAPE IS TO BE PLACED ABOVE CONDUIT IN ALL TRENCHES.

LEGEND:

- TxDOT TRAFFIC SIGNAL CONDUIT
- 3-PHASE, 600A, PRIMARY CONDUIT
- SINGLE PHASE, 200A, PRIMARY CONDUIT
- 3-PHASE, 200A, PRIMARY SUBFEEDER CONDUIT
- SECONDARY CONDUIT
- PROPOSED OVERHEAD ELECTRICAL LINES
- EXISTING BTU ELECTRICAL FACILITIES

26TH STREET

1"=20' | 1

NO.	DATE	ISSUED FOR
1	2/05	Preliminary Review
2	4/05	Client Review
3	7/05	Final Design
4	2/06	Issued For Bid

GOODWIN-LASITER, INC.
ENGINEERS - ARCHITECTS SURVEYORS
1509 EMERALD PKWY., SUITE 101 • COLLEGE STATION, TEXAS 77845 • (979) 696-6767 • ctex@goodwinlasiter.com
1609 S. CHESTNUT ST., SUITE 202 • LUFKIN, TEXAS 75901 • (936) 637-4900 • admin@goodwinlasiter.com

D:\600\600007\600007-PROPOSED BTU CONDUIT.DWG 2006/10/04 @ 13:4

©2006 ALL RIGHTS RESERVED BY GOODWIN-LASITER, INC. UNAUTHORIZED USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN CONSENT FROM GOODWIN-LASITER, INC.

DRAWN BY: CES | APPV'D BY: JIR | PLOT SCALE: 1:1

Downtown Rehabilitation Project
City of Bryan
Bryan, Texas
BTU Electrical Conduit Plan

CONTRACT NO. 600007

SHEET NO.

C14.3