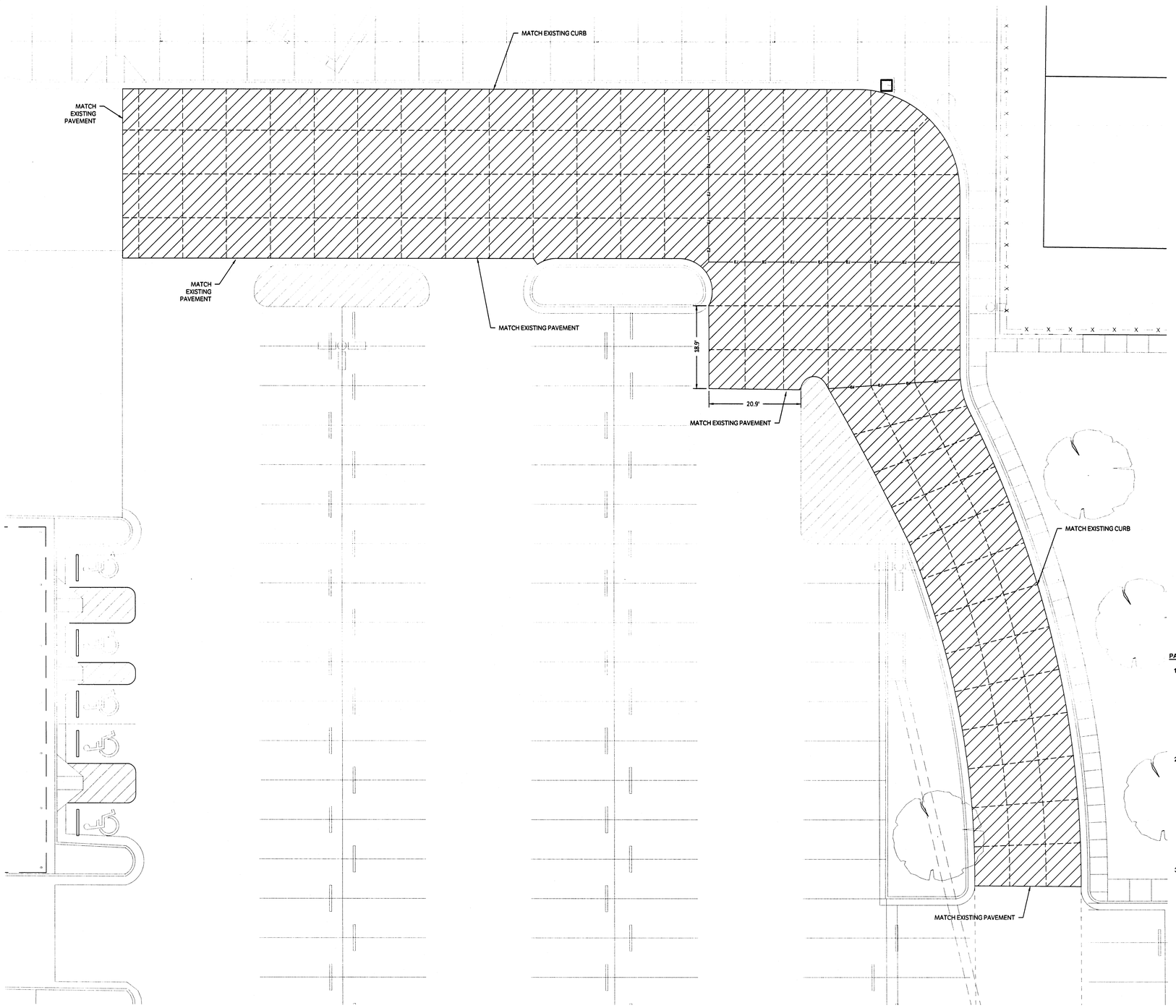


CAUTION: CONTACT THE TEXAS EXCAVATION SAFETY SYSTEM (DIG-TESS) AT 1-800-344-8377 TO LOCATE EXISTING UTILITIES PRIOR TO CONSTRUCTION. CONTACT GESSNER ENGINEERING IF CONFLICTS OCCUR.

N

SCOPE: DEMO EXISTING ASPHALT AND REPLACE WITH PROPOSED CONCRETE PAVEMENT

0 10 20 30
SCALE: 1"= 10'

GESSNER ENGINEERING
GESSNER ENGINEERING
Corporate Office
2501 Ashford Drive

College Station, Texas 77840
www.gessnerengineering.com

FIRM REGISTRATION NUMBER:
TBPE F-7481,
TBPLSF-10193910

SITE PLAN FOR:

BRYAN HIGH SCHOOL
3450 CAMPUS DR.
BRYAN, TEXAS 77802

LEGAL DESCRIPTION:
RICHARD CATER (AB #8),
BLOCK 1, LOT 5 (TR-20), 48.92 ACRES

ZONING:
COMMERCIAL, C-2

OWNER:
BRYAN I.S.D.
101 NORTH TEXAS AVENUE
BRYAN, TX 77803
TELEPHONE: 979-209-7062
CONTACT: JEFF WINDSOR
JEFF.WINDSOR@BRYANISD.ORG

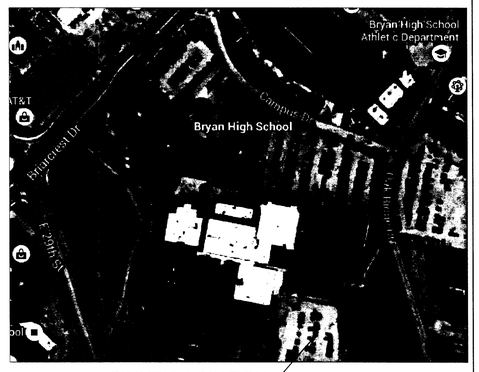
LEGEND

- DEMO EXISTING ASPHALT AND REPLACE WITH PROPOSED 6" CONC. PAVEMENT, REF. DETAIL
- CONTRACTION JOINT
- EJ — EJ — EXPANSION JOINT

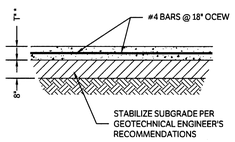
PAVEMENT NOTES:

1) SUBGRADE:
   A. EXISTING TREES, STUMPS, AND ROOTS SHALL BE GRUBBED AND REMOVED. VEGETATION SHALL BE REMOVED AND THE TOP 6" OF TOPSOIL AND SUBGRADE STRIPPED FROM THE AREAS TO BE COVERED BY PROPOSED IMPROVEMENTS.
   B. PAVING AREAS SHALL BE PROOFROLLED WITH A 15 TON COMPACTOR AND, IF REQUIRED AT THE TIME OF CONSTRUCTION , THE CONTRACTOR SHALL STABILIZE WEAK AREAS BY OVER EXCAVATING AND BACKFILLING.
   C. FILL MATERIAL SHALL BE PLACED IN 8" LOOSE LIFTS, MAXIMUM, WITH EACH LIFT AT A MOISTURE CONTENT OF +/- 2% OF OPTIMUM, AND COMPACTED TO A UNIFORM DENSITY OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR (ASTM D698).
   D. COMPACTION TEST SHALL BE CONDUCTED FOR EVERY 4,000 SF OF FILL PLACED, WITH A MINIMUM OF ONE TEST PER LIFT.
2) CONCRETE PAVEMENT:
   A. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI.
   B. ALL CONCRETE SHALL BE VIBRATED WHEN PLACED.
   C. PAVEMENT CONTRACTION JOINTS SHALL BE INSTALLED PER DETAIL ON THIS SHEET, WITH A MAXIMUM SPACING OF 12' FOR 6" PAVEMENT. CONTRACTION JOINTS SHALL BE INSTALLED BETWEEN 2 AND 6 HOURS OF CONCRETE PLACEMENT AS CONCRETE CURING ALLOWS. AN EARLY ENTRY SAW IS PREFERRED.
   D. PAVEMENT EXPANSION JOINTS SHALL BE SPACED AS SHOWN ON THE PLANS AND INSTALLED PER DETAIL ON THIS SHEET. CONSTRUCTION SHALL BE STOPPED AT EXPANSION JOINTS. IF CONDITIONS REQUIRE, CONSTRUCTION TO BE STOPPED AT OTHER LOCATIONS, A COLD JOINT SHALL BE CONSTRUCTED.
   E. ISOLATION JOINTS SHALL BE PLACED AT ALL IN-PAVEMENT OBJECTS INCLUDING INLETS, LIGHT POLE FOOTINGS AND CLEANOUTS.
   F. ALL JOINTS SHALL BE SEALED PER DETAIL ON THIS SHEET.
   G. REFERENCE THIS SHEET FOR PAVEMENT AND SIDEWALK CONSTRUCTION DETAILS.
   H. TRANSPORTATION AND PLACEMENT OF THE CONCRETE SHALL BE IN ACCORDANCE WITH ACI 301. A TEST SET CONSISTING OF 3 CYLINDERS SHALL BE TAKEN EVERY 75 CUBIC YARDS OF CONCRETE.
3) REINFORCING STEEL:
   A. ALL REINFORCEMENT SHALL BE ASTM A-615, GRADE 60. THE PAVEMENT REINFORCEMENT SHALL BE #4 BARS, 18" OCEW.
   B. LAPS AND SPLICES IN REINFORCING BARS SHALL BE A MINIMUM OF 30 BAR DIAMETERS IN LENGTH. BARS SHALL BE SECURED AT EVERY OTHER INTERSECTION.

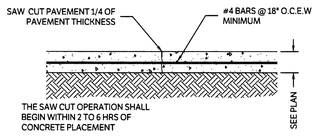
VICINITY MAP



PROJECT LOCATION



NOTES:
* 1. SEE PLAN FOR THICKNESSES OF CONCRETE PAVEMENT
2. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI
3. ISOLATION JOINTS SHALL BE PLACED AS SHOWN ON THE JOINT PLAN
   a. AT INTERSECTIONS
   b. AT SMALL IN-PAVEMENT OBJECTS
4. BOX OUT INLETS AND MANHOLES



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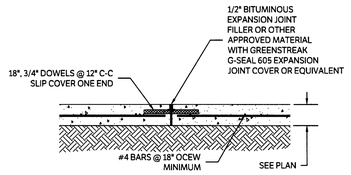

EXPANSION JOINT
NTS

PBK
11 Greenway Plaza, 22nd Floor
Houston, TX 77046
713-965-0608 P
713-961-4571 F
TX Firm: F-3709
PBK.com

BRYAN HIGH RENOVATIONS

PRELIMINARY
STATE OF TEXAS
JEFF N. PRICE
100217
LICENSED PROFESSIONAL ENGINEER

GESSNER ENGINEERING
FIRM REGISTRATION NUMBER:
TBPE F-7481, TBPLS F-10193910

CLIENT: BRYAN I.S.D.
PROJECT NUMBER: 15-0944
DATE: 01-27-2016
DRAWN BY: ASP
CHECKED BY: JNP

REVISIONS

No.	Description	Date

95% - CONSTRUCTION SET

SITE AND PAVING PLAN

Development Services
JAN 27 2016
RECEIVED

C100