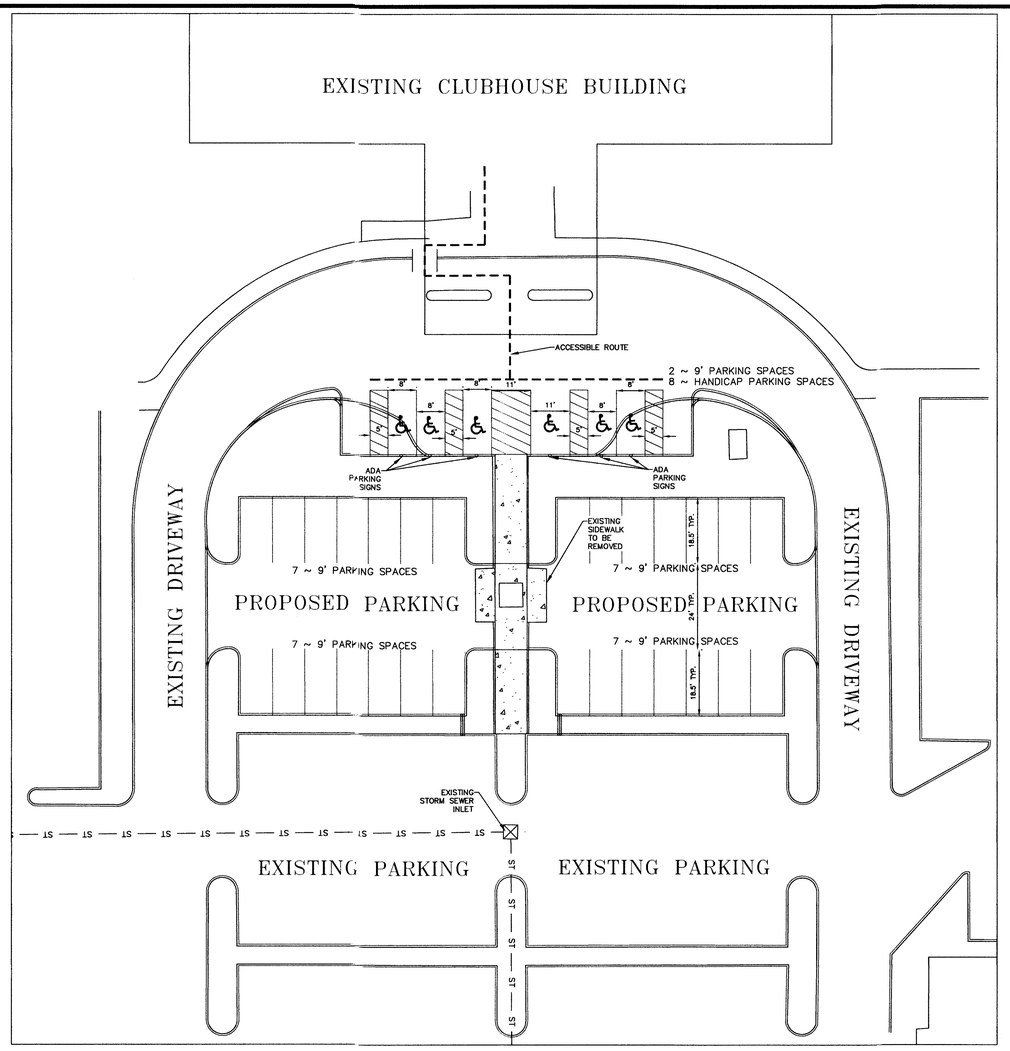
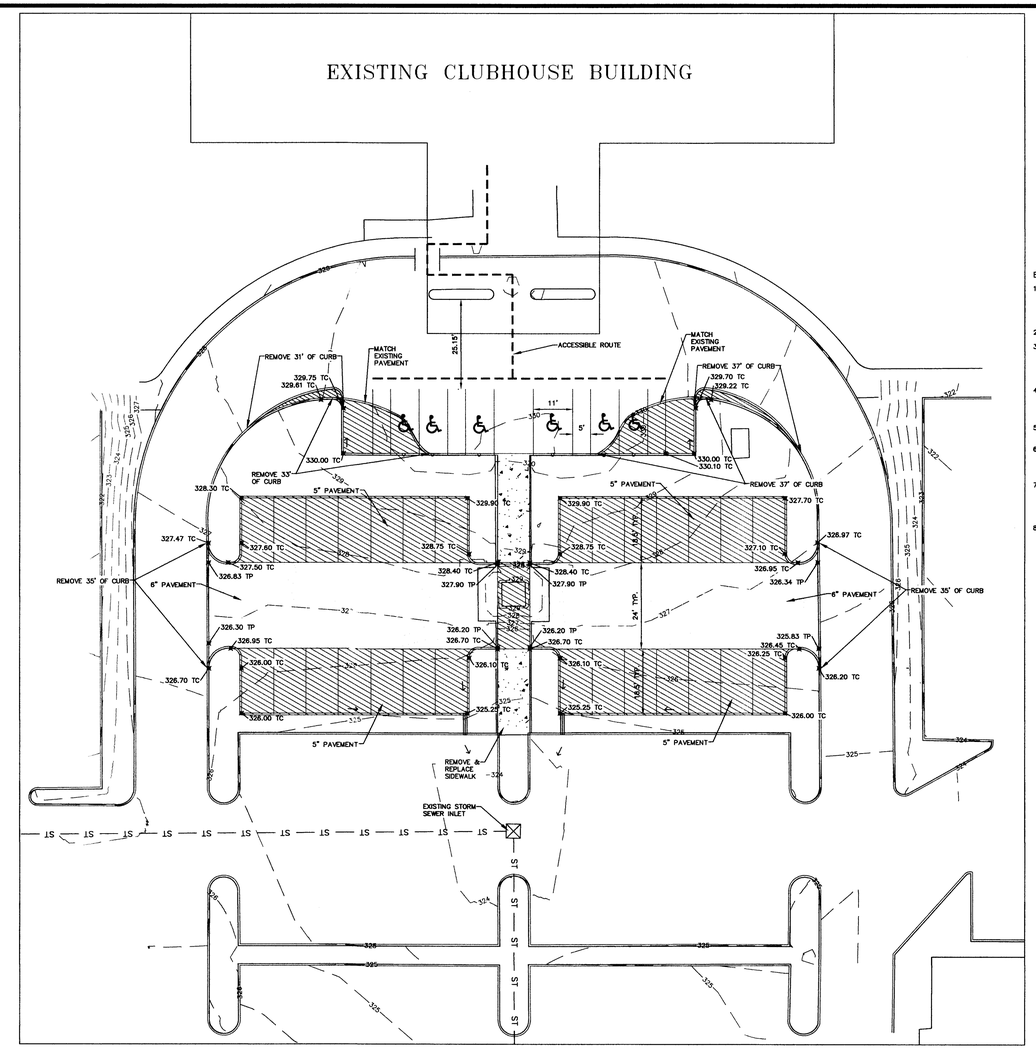
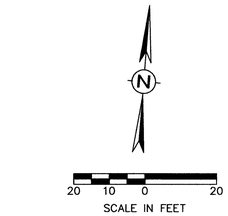


SITE PLAN



GRADING & PAVEMENT PLAN



PAVEMENT CONSTRUCTION NOTES:

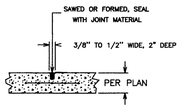
1. ALL CONCRETE FOR PAVEMENT CONSTRUCTION SHALL BE TO THE MINIMUM DEPTH SHOWN ON THE PLANS AND SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3500 PSI. THE MAXIMUM PERCENTAGE OF FLY ASH REPLACEMENT OF PORTLAND CEMENT SHALL BE 25 PERCENT BY WEIGHT.
2. REINFORCING STEEL SHALL BE GRADE 60 (60,000 PSI)
3. FILL MATERIAL USED TO ACHIEVE GRADE IN AREAS TO RECEIVE PAVEMENT SHALL BE COMPACTED TO 92% OF MAX DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTER TEST (ASTM D-1557) AT A MOISTURE CONTENT FROM 1% BELOW TO 3% ABOVE THE OPTIMUM MOISTURE CONTENT.
4. THE SUBGRADE BENEATH THE CONCRETE SIDEWALKS SHALL BE COMPACTED AND "PROOF-ROLLED". ANY WEAK OR SOFT AREAS IDENTIFIED BY THE "PROOF-ROLLING" SHALL BE REMOVED AND REPLACED.
5. JOINT SEALANT MATERIAL TO BE SONNEBORN SL-1 OR APPROVED EQUAL.
6. CURING COMPOUND SHALL BE APPLIED UNIFORMLY TO THE CONCRETE AFTER THE SURFACE FINISHING IS COMPLETE AT THE RATE RECOMMENDED BY THE MANUFACTURER. THE CURING COMPOUND SHALL MEET THE REQUIREMENTS OF TXDOT ITEM 526.
7. ALL ADA RAMPS WILL HAVE SHALL HAVE A DETECTABLE WARNING SURFACE FOR THE FULL LENGTH OF THE RAMP WITHIN THE PROJECT SITE. RAMPS ON THE PUBLIC SIDEWALK TO HAVE PER DETAIL. DETECTABLE WARNING SURFACE TO COMPLY WITH LOCAL AND STATE ADA REQUIREMENTS.
8. MAXIMUM CROSS SLOPE FOR ALL ADA ACCESSIBLE ROUTES IS 2% FOR SIDEWALKS AND PAVEMENT. MAXIMUM PROFILE FOR ADA ACCESSIBLE ROUTES IS 5%.

325.25 TC

TP – TOP OF PAVEMENT
TC – TOP OF CURB
TW – TOP OF WALK
TB – TOP OF BERM
TG – TOP OF GROUND
TRW – TOP OF RETAINING WALL

LEGEND

- ACCESSIBLE ROUTE
- 5" CONCRETE PVMT
- 6" CONCRETE PVMT

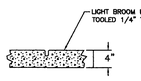


NOTE:

1. CONTRACTION JOINT SEALANT TO BE SONOBORN SL-1 OR APPROVED EQUAL.
2. CONTRACTION JOINTS SHALL BE SPACED AT 15' MAXIMUM INTERVALS.

PVMT. CONTRACTION JOINT DETAIL

N.T.S

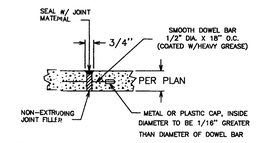


NOTE:

1. EXPANSION JOINT SEALANT TO BE SONOBORN SL-1 OR APPROVED EQUAL.
2. EXPANSION JOINTS SHALL BE SPACED AT 60' MAXIMUM INTERVALS.

SIDEWALK CONTRACTION JOINT DETAIL

N.T.S

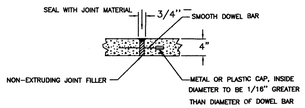


NOTE:

1. EXPANSION JOINT SEALANT TO BE SONOBORN SL-1 OR APPROVED EQUAL.
2. EXPANSION JOINTS SHALL BE SPACED AT 45' MAXIMUM INTERVALS.

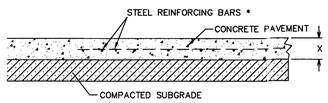
PVMT. EXPANSION JOINT DETAIL

N.T.S



SIDEWALK EXPANSION JOINT DETAIL

N.T.S



* X=8", 6" OR 5" AS SHOWN ON THE PAVEMENT PLAN
* 5" & 6" PAVEMENT – USE #4 BARS @ 18" O.C.E.W.
* 8" PAVEMENT – USE #5 BARS @ 12" O.C.I.W.

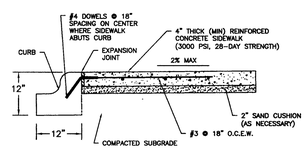
CONCRETE PAVEMENT SHALL BE CONSTRUCTED PER DETAILS ON FIGURE ST AND PER 2012 CITY OF BRYAN/COLLEGE STATION STANDARD SPECIFICATIONS

TYPICAL CONCRETE PAVING SECTION

N.T.S.

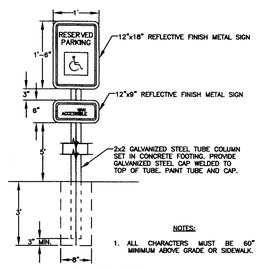
FIRE LANE MARKINGS

1. ALL CURBS AND CURB ENDS SHALL BE PAINTED RED WITH FOUR INCH (4") WHITE LETTERING STATING "FIRE LANE – NO PARKING – TOW AWAY ZONE". WORDING MAY NOT BE SPACED MORE THAN FIFTEEN FEET APART.
2. A SIGN TWELVE INCHES (12") WIDE AND EIGHTEEN INCHES (18") IN HEIGHT SHALL BE MOUNTED IN A CONSPICUOUS LOCATION AT EACH ENTRANCE TO THE PROPERTY AND AT THE LOCATIONS SHOWN. SUCH SIGNS SHALL BE TWELVE INCHES (12") WIDE AND EIGHTEEN INCHES HIGH, WITH A COMPANION SIGN TWELVE INCHES (12") WIDE AND SIX INCHES (6") HIGH STATING "TOW-AWAY ZONE". SUCH SIGNS SHALL BE PAINTED ON A WHITE BACKGROUND WITH SYMBOLS, LETTER AND BORDER IN RED.



CONCRETE PRIVATE SIDEWALK CROSS SECTION

NTS

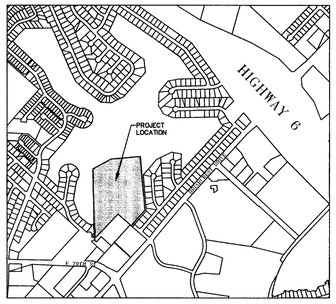


NOTES:

1. ALL CHARACTERS MUST BE 60" MINIMUM ABOVE GRADE OR SIDEWALK.

ADA SIGN DETAIL

N.T.S.



VICINITY MAP

JUL 15 2014

PHILLIPS EVENT CENTER PARKING ADDITIONS

1929 COUNTRY CLUB DRIVE
BRYAN, TEXAS

SCALE: 1"=20'
OWNER:
THE 1980 PHILLIPS GROUP
4490 CASTLEGATE DRIVE
COLLEGE STATION, TX 77845

JULY 2014
ENGINEER:
SCHULTZ ENGINEERING, LLC.
PO BOX 11995
COLLEGE STATION, TX 77842
(979)764-3900

MARK	REVISION	BY	DATE

Schultz Engineering, LLC
2730 Longmire, Suite A
College Station, Texas 77845
979.764.3900
TBPE NO. 12327

SURVEYED	DESIGNED	DRAWN	APPROVED	JOB NO.	DATE
KERR	JPS	RCF	JPS	13-305	JUNE 2014

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PHILLIPS EVENT CENTER
PARKING ADDITIONS
BRYAN, TEXAS

SITE PLAN AND GRADING & PAVEMENT PLAN

SCALE
VERTICAL N/A
HORIZONTAL 1"=20'
PLOTTING SCALE: 1:1
FILE NAME: 13-305

SHEET
C1