

- CONSTRUCTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE RULES AND REGULATIONS OF BLINN COLLEGE, THE CITY OF BRYAN AND THESE SPECIFICATIONS/PLANS.
- CONTRACTOR SHALL VISIT THE CONSTRUCTION LOCATION AND FAMILIARIZE THEMSELVES WITH THE WORKING CONDITIONS (TRAFFIC, CLEARING, PROPOSED/EXISTING UTILITIES, PAVING, DRAINAGE) OF THE SITE BEFORE BIDDING.
- CONTRACTOR IS TO DETERMINE ALL QUANTITIES OF WORK PRIOR TO BIDDING TO PROVIDE A COMPLETE AND APPROVED PROJECT TO THE OWNER.
- CONTRACTOR IS REQUIRED TO ATTEND A PRE-CONSTRUCTION MEETING WITH CITY ENGINEER, OWNER AND CONSULTING ENGINEER PRIOR TO STARTING WORK. NO WORK IS TO BE PERFORMED UNTIL THIS MEETING IS COMPLETED AND A WRITTEN NOTICE TO PROCEED IS ISSUED BY THE OWNER TO THE CONTRACTOR.
- IN THE ABSENCE OF SPECIFIC REQUIREMENTS FOR ANY WORK, CONTRACTOR SHALL COORDINATE WITH THE CONSULTING ENGINEER. PROCEEDING WITHOUT PROPER DIRECTION FROM THESE PARTIES WILL BE AT THE CONTRACTORS SOLE RISK. CONTRACTORS ARE NOT TO PROCEED WITH ANY WORK WITHOUT PROPER AUTHORIZATION OF THE OWNER.
- CONTRACTOR TO MAINTAIN SITE IN "FIRST CLASS" NEAT CONDITION. WORK SITE SHALL BE CLEANED UP AT END OF EACH DAY.
- CONTRACTOR SHALL COORDINATE SEQUENCE OF CONSTRUCTION WITH CONSULTING ENGINEER AND OWNER.
- CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES AND SERVICE LINES PRIOR TO EXCAVATING. LOCATING METHODS INCLUDE, BUT ARE NOT LIMITED TO: LOCATING SERVICES, "POT HOLING" WITH WATER, SPOT DIGGING, ETC.
- CONTRACTOR TO PROTECT UTILITIES FROM DAMAGE DURING CONSTRUCTION. CONTRACTOR SHALL REPAIR DAMAGES RESULTING FROM THEIR ACTIVITIES. COSTS FOR REPAIRS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL NOTIFY THE CONSULTING ENGINEER IMMEDIATELY WHERE UNKNOWN UTILITIES ARE ENCOUNTERED DURING CONSTRUCTION.
- CONTRACTOR TO COORDINATE WORK WITH THE FOLLOWING UTILITY COMPANIES, AGENCIES, AND THE CITY:

WATER & SEWER	CITY OF BRYAN	(979)209-5900
GAS	DEVON GAS	(979)779-4460
	ATMOS GAS	(979)774-2540 / (979)255-4511
TELEPHONE	VERIZON	(800)344-8377 / (979)821-5700
ELECTRIC	BTU	(979)883-8885
CABLE	SUDDENLINK	(979)776-0285 / (979)778-8046
PETROLEUM	BWOC	(800)245-4545
COMMUNICATIONS CABLE	AT&T	(979)229-3011
PIPELINE	BRYAN WOODBINE GATHERING (BWG)	(832)444-8740
	EXXON MOBILE (EX)	(713)724-8913
	BLACKHAWK PIPELINE (BH)	(979)820-5751
	ENERGY TRANSFER (ET)	(979)820-5751

- CONTRACTOR TO CONTACT UTILITY COMPANIES FORTY-EIGHT (48) HOURS IN ADVANCE OF WORK IN THE VICINITY OF THEIR LINES. TEXAS ONE CALL SYSTEM IS ENCOURAGED.
- CONTRACTOR TO MAINTAIN CLEARANCE OF ALL EXISTING UTILITIES AS REQUIRED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) AND THESE PLANS.
- REMOVE AND DISPOSE OF ALL MATERIALS AND STRUCTURES THAT ARE TO BE DEMOLISHED AND NOT NEEDED FOR SALVAGE TO CONTRACTOR DESIGNATED DISPOSAL AREA.
- CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING THE TRAFFIC PLAN. PROVIDE PROPER BARRICADES AND FLAGGING SHALL BE IN ACCORDANCE WITH THE CURRENT TEXAS MUTCD. CONTRACTOR TO SUBMIT TRAFFIC CONTROL PLAN AS A SUBMITTAL. CONTRACTOR WILL BE ALLOWED TO COMPLETELY SHUT OFF AREAS WHERE WORKING, EXCEPT WHEN WORK AT 29TH STREET.
- CONTRACTOR TO PROVIDE BARRICADES, SIGNS, AND LIGHTING AROUND ALL OPEN CUTS ALONG STREETS IN ACCORDANCE WITH THE TEXAS MUTCD.
- A FIELD SET OF AS-BUILT DRAWINGS SHOULD BE MAINTAINED BY THE CONTRACTOR FOR TRANSFER TO PERMANENT RECORD DRAWINGS. THESE DRAWINGS SHOULD INCLUDE MEASUREMENTS FROM EACH UNIT INSTALLED TO TWO PERMANENT OBJECTS. PROJECT WILL NOT BE CLOSED OUT UNTIL CONTRACTOR HAS PROVIDED THESE TO THE CONSULTING ENGINEER.
- CONTRACTOR TO STORE MATERIALS AT LOCATION(S) APPROVED BY & COORDINATED WITH THE OWNER. EQUIPMENT IS TO BE STORED OVERNIGHT AT LOCATIONS SO AS NOT TO BLOCK STREETS OR DRIVES. MATERIALS ARE TO BE PROTECTED FROM DAMAGE BY THE ELEMENTS.
- CONTRACTOR TO MAINTAIN ADEQUATE SITE DRAINAGE FACILITIES AS REQUIRED DURING CONSTRUCTION. PROTECT EXCAVATIONS FROM FLOODING DUE TO GROUNDWATER INFILTRATION AND RUN-OFF. INSURE THAT NO DRAINAGE ON OR OFF THE SITE IS BLOCKED BY PROPOSED CONSTRUCTION.
- CONSTRUCTION AREAS ARE TO BE CLEARED/GRUBBED COMPLETELY OF TREES, BRUSH, STUMPS, ROOTS, PIPES, PAVEMENT AND ALL RUBBISH. COST OF CLEARING TO COMPLETE ALL IMPROVEMENTS TO BE INCLUDED IN BID TO THE OWNER.
- CONTRACTOR TO BE RESPONSIBLE FOR STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EROSION CONTROL DURING AND AFTER CONSTRUCTION. CONTRACTOR SHALL INSTALL EROSION AND SILT CONTROL MEASURES AS REQUIRED DURING CONSTRUCTION AND SHALL REMOVE TEMPORARY MEASURES WHEN PERMANENT COVER IS ESTABLISHED. SILT FENCING IS TO BE PLACED DOWNSTREAM OF THE PROJECT TO KEEP SILT OFF OF PRIVATE PROPERTY AND OUT OF THE CREEK. OTHER LOCATIONS MAY BE REQUIRED TO HAVE SILT FENCING. EXISTING GRADES SHALL BE RE-ATTAINED AND PROPOSED GRADES SHALL BE OBTAINED BY SHAPING BACKFILL MATERIAL BY CUT AND FILL OPERATIONS. FILL OPERATIONS ARE TO BE ACCOMPLISHED BY PLACING MATERIAL IN 6-INCH (LOOSE MEASURE) LIFTS AND 98% DENSITY AS DETERMINED BY ASTM D698 (STANDARD PROCTOR), AS NOTED IN DETAILS. CONTRACTORS (BIDDERS) ARE TO PERFORM THEIR OWN QUANTITIES DETERMINATION PRIOR TO BIDDING. ALL EARTHWORK TO BE INCLUDED IN BID.
- SELECT BORROW MATERIAL SHALL HAVE A PLASTICITY INDEX (PI) OF 4 TO 15 UNLESS NOTED OTHERWISE BY THE GEOTECHNICAL REPORT.
- CONTRACTORS TO COORDINATE THE HOLDING/SUPPORT OF UTILITY POLES WHERE NECESSARY TO FACILITATE CONSTRUCTION. ALL COORDINATION WITH UTILITY COMPANIES IS TO BE INCLUDED WITH BID ITEMS FOR WORK TO BE PERFORMED.
- CULVERTS DISTURBED/DAMAGED BY CONSTRUCTION ARE TO BE RESET/REPLACED AT NO ADDITIONAL COST.
- ALL EARTHENED AREAS DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE REGRADED. SODDING AND FERTILIZATION IS REQUIRED IN ALL AREAS OF PROJECT. THIS WORK SHALL BE DONE AS OUTLINED IN THE SPECIFICATION.
- CONTRACTOR TO VERIFY COORDINATE POINTS AND BENCH MARKS PRIOR TO COMMENCING WORK.
- FIELD LOCATE ALL SERVICE LINES PRIOR TO CONSTRUCTION. REPORT DISCREPANCIES TO INSPECTOR & CONSULTING ENGINEER. ADJUSTMENTS MAY BE REQUIRED.
- CONCRETE DESIGN, MATERIALS, AND WORKMANSHIP TO CONFORM TO THE CURRENT EDITION OF THE FOLLOWING STANDARDS UNLESS OTHERWISE MODIFIED ON THE DRAWINGS IN THE SPECIFICATIONS:
  - ACI 318-02 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
  - ACI 315-99 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT"
  - NCTCOG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- THE FOLLOWING CONCRETE COVER SHALL BE PROVIDED FOR REINFORCING STEEL, UNLESS OTHERWISE SHOWN:
  - 3" - CONCRETE CAST DIRECTLY AGAINST THE GROUND
  - 2" - FORMED SURFACES OR TOP OF FINISHED SURFACES
- LAP REINFORCING STEEL IN ACCORDANCE WITH ACI 318-02 (CLASS B).
- FINISHED GRADES TO BE SLOPED TO PROVIDE PROPER DRAINAGE.
- PAVEMENT TIE-INS TO EXISTING PAVEMENT TO BE SUBSIDIARY TO THE PERTINENT BID ITEMS.
- COORDINATE CONSTRUCTION CLOSELY WITH CITY TO ASSURE NO CONFLICTS BETWEEN GRADING, DRAINAGE AND PAVING IMPROVEMENTS.
- PROPOSED PAVEMENT ELEVATIONS SHOWN ARE FINISHED PAVEMENT (P), OR CURB (TC) AS NOTED. PROPOSED FLOWLINE ELEVATIONS ARE NOTED (FL).
- PROVIDE EXPANSION JOINTS AND CONTROL JOINTS IN ACCORDANCE WITH CITY OF BRYAN STANDARD SPECIFICATION AND DETAILS. CURB AND GUTTER SHALL HAVE 1/2" PREMOLDED OR 3/4" REDWOOD OR CYPRESS EXPANSION JOINT EVERY 50 FT. AND SHALL HAVE GROOVED CONTROL JOINTS AT 10 FT. ALL JOINTS WILL BE SEALED.
- ALL FORMS MUST BE WELL STAKED AND THOROUGHLY BRACED SO THAT TAMPING OF MATERIALS WILL NOT DISTURB THEM OR MOVE THEM OUT OF LINE.
- CARE MUST BE TAKEN THAT THE CURB AND GUTTER SHALL NOT SHOW TROWEL MARKS, HIGH SPOTS, SAGS OR HORIZONTAL DEFLECTIONS AND ANY SECTION SHOWING SAME AFTER BEING FINISHED WILL BE CONDEMNED BY THE OWNER AND MUST BE REPLACED BY THE CONTRACTOR.
- THE COMPLETED PAVEMENT SHALL BE CURED BY A METHOD APPROVED BY THE CITY OF BRYAN AND OWNER.
- LIQUID MEMBRANE CURING COMPOUND WHICH COMPLIES WITH THE "STANDARD SPECIFICATIONS FOR LIQUID MEMBRANE FORMING COMPOUNDS FOR CURING CONCRETE", ASTM C309 TYPE 2 WHITE PIGMENTED MAY BE USED.
- MEMBRANE FORMING COMPOUNDS FOR CURING CONCRETE", ASTM C309 TYPE 2 WHITE PIGMENTED MAY BE USED. A CUT/FILL SHEETS ARE REQUIRED. CONTRACTOR IS TO HAVE CUT/FILL SHEETS PREPARED AND SEALED BY A REGISTERED PUBLIC LAND SURVEYOR (RPLS) OR A TEXAS PROFESSIONAL ENGINEER (P.E.) CONSTRUCTION IS NOT TO BEGIN UNTIL FINAL CUT SHEETS HAVE BEEN SUBMITTED.

CONTROL POINT LIST				
NO.	PT NO.	DESCRIPTION	COORDINATES	ELEVATION
#1	TRAV.#40256	60D NAIL LOCATED APPROX. 7' WEST OF JOSEPH DRIVE AND APPROX. 50' SOUTH OF THE CENTERLINE OF THE 2ND DRIVEWAY INTO THE SCHULMAN THEATRE PARKING LOT.	N 10228125.61 E 3548022.23	336.18
#2	TRAV.#40476	ALUMINUM DISK SET IN CONCRETE CALLED OPS POINT #13 LOCATED APPROX. 3' FROM THE EXISTING SIDEWALK ALONG 29TH STREET AND APPROX. 65' WEST OF JOSEPH DRIVE.	N 10225834.65 E 3547751.35	336.87
#3	TRAV.#40285	60D NAIL LOCATED APPROX. 2' EAST OF BACK OF CURB ALONG EXISTING ROADWAY THAT PARALLELS THE PROPERTY LINE W/ THE APARTMENT COMPLEX ON THE NORTHWEST SIDE OF BLINN CAMPUS.	N 10227285.29 E 3547897.46	324.87
#4	TRAV.#40254	60D NAIL LOCATED APPROX. 300' FROM THE APARTMENT COMPLEX PROPERTY LINE AND APPROX. 5' NORTH OF JOSEPH DRIVE WHICH BORDERS THE GRASSY LAWN OF THE BLINN CAMPUS.	N 10226874.09 E 3547907.53	325.81
#5	TRAV.#40086	60D NAIL ON THE NORTH SIDE OF BLINN BOULEVARD APPROX. 100' FROM THE BLINN BOULEVARD/VILLA MARIA INTERSECTION.	N 10227494.82 E 3549012.39	312.54
#6	BM #A	SQUARE CHISLED IN BASE OF EXISTING LIGHT POLE LOCATED ON THE SOUTH SIDE OF BLINN BOULEVARD ACROSS FROM THE PROPOSED LARGE PARKING LOT		315.35
#7	TRAV.#40001	60D NAIL ON WEST SIDE OF SIDEWALK THAT PARALLELS THE NEW PARKING LOT AND APPROX. 70' FROM THE SOUTHERN VOLLEY BALL COURT.	N 10227734.07 E 3548602.47	316.13
#8	BM#B	SQUARE CHISLED IN CORNER OF CONCRETE CURB AT NORTH END OF EXISTING PARKING LOT CLOSEST TO THE PROPOSED SMALL PARKING LOT		324.54

### CONTROL POINT LIST 4

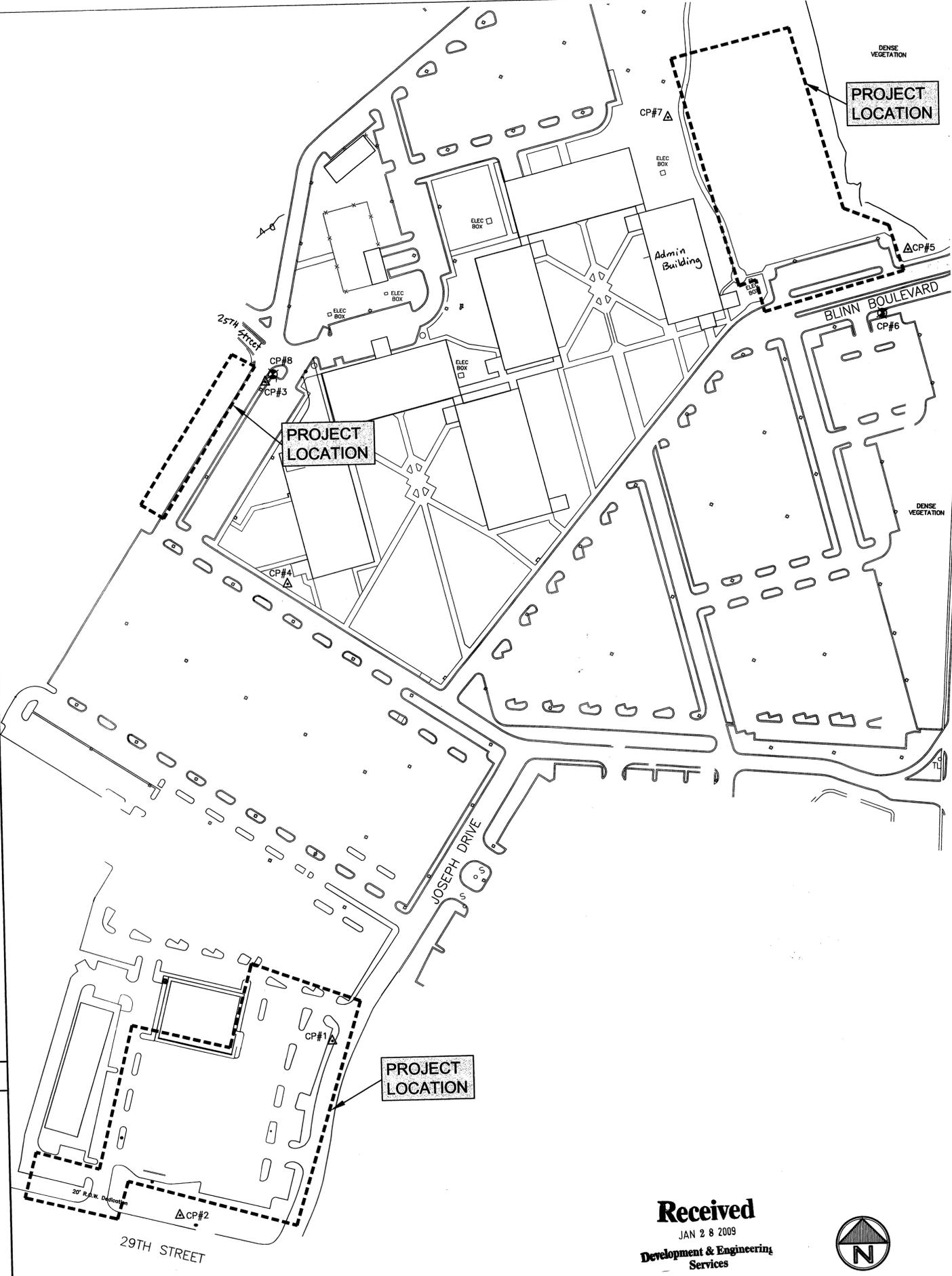
Existing	
	SANITARY SEWER (SIZE SHOWN)
	WATER LINE (SIZE SHOWN)
	OVERHEAD ELECTRIC
	UNDERGROUND FIBER OPTIC CABLE (VERIZON)
	NATURAL GAS LINE
	CHAINLINK FENCE
	BARBED WIRE FENCE
	EXISTING CONTOUR
	OIL PIPE LINE
	FIRE HYDRANT
	WATER VALVE
	SANITARY SEWER MANHOLE
	STORM SEWER MANHOLE
	SANITARY SEWER CLEANOUT
	POWER POLE
	WATER METER
	BENCH MARK
	TRAVERSE POINT
	ASPHALT
	CONCRETE

Proposed	
	CONTOURS
	SILT FENCE
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	FINISHED GROUND
	TOP OF FINISHED PAVEMENT
	TOP OF CURB
	FLOW LINE
	FINISHED FLOOR
	MATCH EXISTING

### LEGEND 3



NOTE: CONTRACTOR SHALL NOTIFY ONE CALL SYSTEM AND SHALL NOTIFY ANY OTHER UTILITIES WHICH ARE SUSPECTED IN THE PROJECT AREA WHO MAY NOT SUBSCRIBE TO THE TEXAS ONE CALL SYSTEM.



**Received**  
JAN 28 2009  
Development & Engineering  
Services



NO.	DATE	ISSUED FOR
1	1/09	BID

**GOODWIN-LASITER, INC.**  
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1-27-09

**Parking Rehabilitation & Additions**  
Blinn College- Bryan Campus  
Bryan, Brazos County, Texas  
**Project Notes and Information**

CONTRACT NO. 698020  
SHEET NO.

**C1.0**

### GENERAL NOTES 5

### UTILITY LOCATING SERVICE 2

### VICINITY MAP 2

1-100' 1