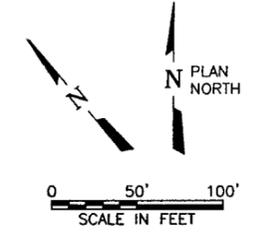


ACAD Bot 18.0a (LWS Tech) User: 04249
 (TRB11145) N:\UTIL\DRAWINGS\CV-TRB-PL-SITE.DWG LAYOUT: Layout1
 03/14/2012 10:41:02 A.M. LTS: 1:00 PSLTS: 1
 6 REFERENCE FILES: 89499_96330_N:\UTIL\DRAWINGS\CV-TRB-EX-BASED02_N:\UTIL\BASE\X-TRB-EX-TOPO_N:\UTIL\BASE\X-TRB-PL-BASE



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TERRABON RESEARCH COMPANY, LLC.
 BIOJET PROCESSING INFRASTRUCTURE EXPANSION

OVERALL PROPOSED SITE PLAN

NO. ISSUE	DATE	BY	DATE	FAIR USE NO.	FILE NAME
				TRB11145	CV-TRB-PL-SITE.dwg
				DATE	DESIGNED
				MAR 2012	JUN
				DRAWN	DCH
				REUSED	
				CHECKED	
				FILE NAME	
				CV-TRB-PL-SITE.dwg	
VERIFY SCALE Bar is one inch on original drawing. If not one inch on this sheet, adjust scale.					
SHEET					
C2					
SEQ.					

LANDSCAPING NOTE:

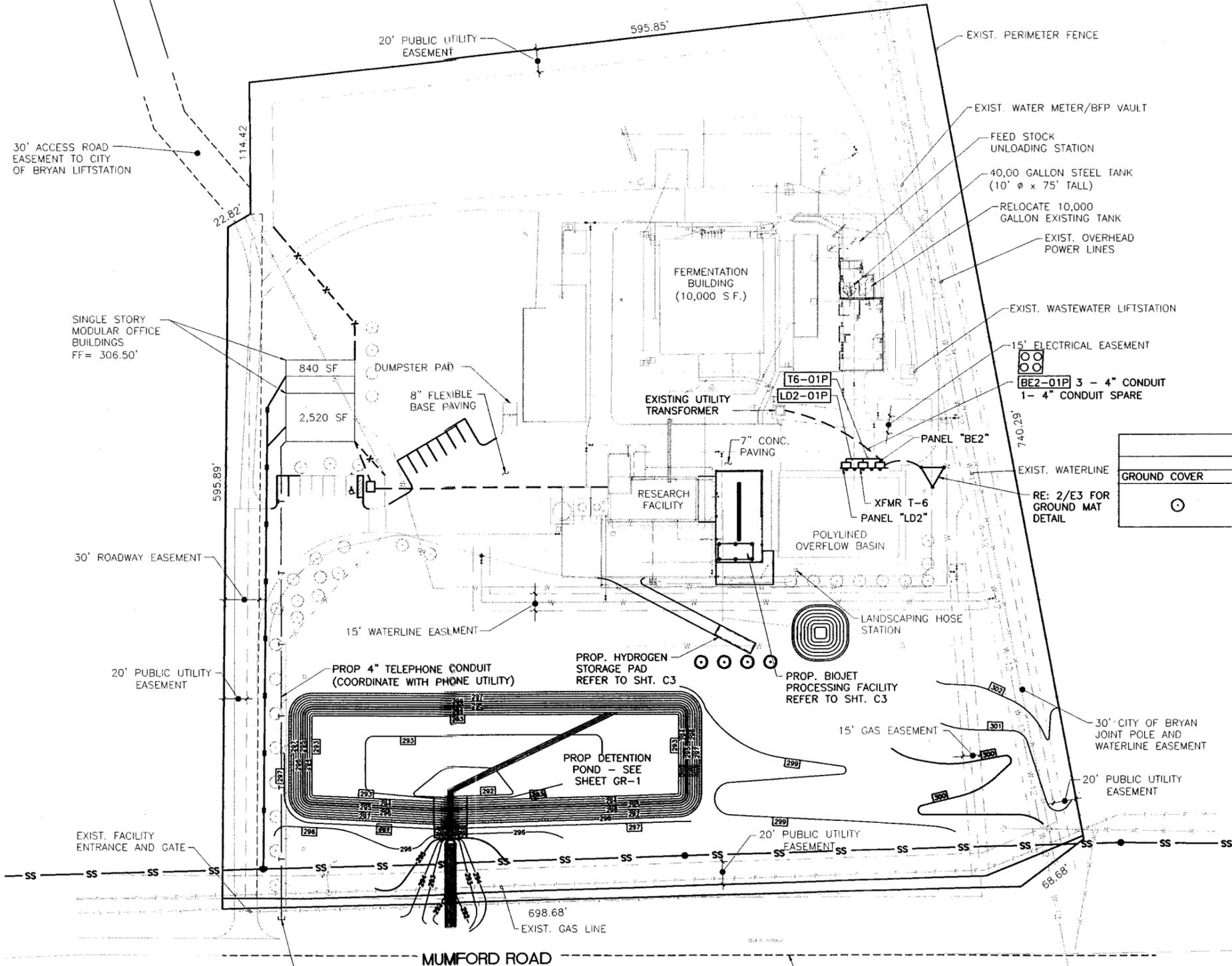
1. SITE IS 11.69 ACRES. EXISTING DEVELOPED AREA IS 3 ACRES AND LANDSCAPING MEETING CITY OF BRYAN REQUIREMENTS WAS FURNISHED.
2. PROPOSED NEW DEVELOPMENT ON THIS SITE IS 5000 SF.
3. REMAINDER OF SITE IS COVERED WITH NATIVE TREES AND NATIVE GRASSES.
4. AREAS TO BE GRADED SHALL BE RE-SEEDED WITH GRASS.

ITEM / DESCRIPTION	QUANTITY	UNIT
TOTAL SITE AREA	509,217	S.F.
TOTAL AREA OF NEW DEVELOPMENT	5,000	S.F.
LANDSCAPE AREA REQUIRED (15%)	750	S.F.
GRASS/GROUND COVER (0%)	0	S.F.
NON CANOPY TREES (0%)	0	S.F.
CANOPY TREES (100%)	800	S.F.
TOTAL LANDSCAPE AREA PROVIDED	800	S.F.

GROUND COVER	QUANTITY	SIZE	COMMON NAME	BOTANICAL NAME	CONDITION
⊙	4	1 1/2"	LIVE OAK	QUERCUS VIRGINIANA	30 gal CONTAINER

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTAINMENT AND PROPER DISPOSAL OF ALL LIQUID AND SOLID WASTE ASSOCIATED WITH THIS PROJECT. THE CONTRACTOR SHALL USE ALL MEANS NECESSARY TO PREVENT THE OCCURRENCE OF WIND BLOWN LITTER FROM THE PROJECT SITE.
2. DEMOLITION/CONSTRUCTION WASTE - SITE IS REQUIRED TO PROVIDE CONTAINMENT FOR WASTE PRIOR TO AND DURING DEMOLITION/CONSTRUCTION. SOLID WASTE ROLL OFF BOXES AND/OR METAL DUMPSTERS SHALL BE SUPPLIED BY THE CITY OF BRYAN, OR CITY PERMITTED CONTRACTOR ONLY.
3. PLANNED USE OF SITE: PILOT PLANT CHEMICAL EQUIPMENT USED FOR THE CONVERSION OF FERMENTATION SALTS TO BIOFUELS. FERMENTATION SALT SOLUTION WILL HAVE EXCESS WATER BOILED OFF LEAVING ONLY THE SALTS. SALTS WILL BE COOKED TO BREAK DOWN TO CALCIUM CARBONATE (SAME COMPOSITION AS LIMESTONE) AND KETONES (LIKE ACETONE AND MEK THAT CAN BE PURCHASED AT HOME IMPROVEMENT STORES). KETONES WILL BE ADDED TO HYDROGEN TO MAKE ALCOHOLS AND THEN THE ALCOHOLS WILL BE COMBINED TO MAKE GASOLINE, JET FUEL OR DIESEL. THE PROPOSED BUILDING WILL BE OPEN AIR WITH NO WALLS EXCEPT AT SOUTH END OF BUILDING.
4. PROPOSED FACILITY WILL NOT REQUIRE A NEW WATER METER. WATER SERVICE TO STRUCTURE WILL BE PROVIDED BY EXISTING FACILITY WATER LINES.
5. POTABLE WATERLINE INSTALLATION SHALL MEET TCEQ SEPARATION AND CROSSING REQUIREMENTS WITH ANY NON-POTABLE WATERLINE.
6. WATERLINES TO BE SCHEDULE 40 PVC UNDERGROUND AND GALVANIZED STEEL ABOVE GROUND. VALVES TO BE QUARTER TURN BALL VALVES.
7. ELECTRICAL POWER WILL BE SERVED FROM NEW PANEL BE2.
8. PARKING ANALYSIS: MAXIMUM OF 10 EMPLOYEES PRESENT DURING LARGEST SHIFT. THIS PROJECT DOES NOT INCREASE THE MAXIMUM NUMBER OF EMPLOYEES SO NEW PARKING IS PROVIDED. BEYOND THE EXISTING 14 SPACES (THIS IS A RESEARCH FACILITY).



PROPOSED SITE PLAN
 11.69 ACRE TRACT
 6150 MUMFORD ROAD
 BRYAN, TEXAS 77807
 MOSES BAINE LEAGUE, A-3