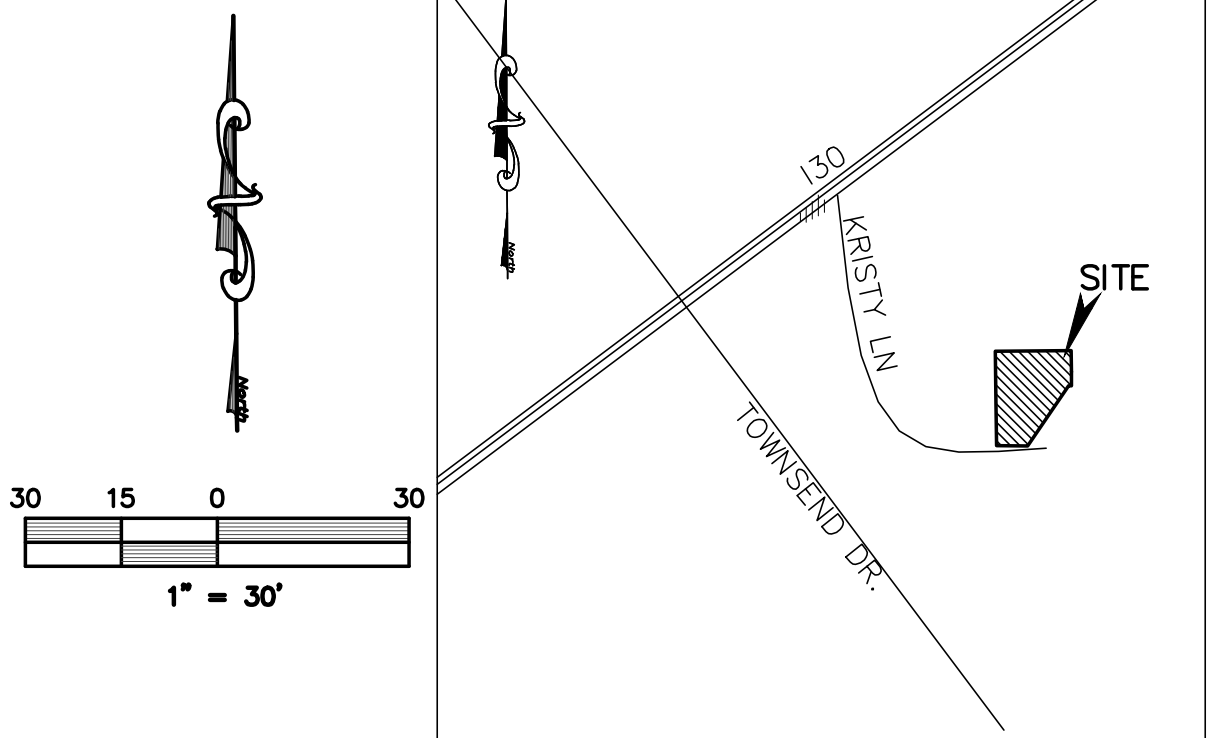


(2A) OFFSITE
0.26 Ac TO POND B
CFS=0.89
SEE SHEET C103
FOR LIMITS OF AREA

(1A) OFFSITE
0.30 Ac TO POND A
CFS=1.03
SEE SHEET C103
FOR LIMITS OF AREA

**** NOTICE TO CONTRACTORS ****
TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY H.D. FEITY OF ROYSE CITY, TEXAS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY, IN WRITING, OF ANY DISCREPANCIES OR OMISSIONS TO THE TOPOGRAPHIC INFORMATION. THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR CONFIRMING THE LOCATION (HORIZONTAL/VERTICAL) OF ANY BURIED CABLES, CONDUITS, PIPES, AND STRUCTURES (STORM SEWER, SANITARY SEWER, WATER, GAS, TELEVISION, TELEPHONE, ETC.) WHICH IMPACT THE CONSTRUCTION SITE. THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY DISCREPANCIES ARE FOUND BETWEEN THE ACTUAL CONDITIONS VERSUS THE DATA CONTAINED IN THE CONSTRUCTION PLANS. ANY COSTS INCURRED AS THE RESULT OF NOT CONFIRMING THE ACTUAL LOCATION (HORIZONTAL/VERTICAL) OF SAID CABLES, CONDUITS, PIPES, AND STRUCTURES SHALL BE BORNE BY THE CONTRACTOR. ADDITIONALLY, THE CONTRACTOR(S) SHALL NOTIFY THE OWNER AND ENGINEER IF ANY ERRORS OR DISCREPANCIES ARE FOUND ON THE CONSTRUCTION DOCUMENTS (P&E), WHICH NEGATIVELY IMPACT THE PROJECT. ENGINEER AND OWNER SHALL BE INDEMNIFIED OF PROBLEMS AND/OR COST WHICH MAY RESULT FROM CONTRACTOR'S FAILURE TO NOTIFY ENGINEER AND OWNER.



LOCATION MAP
(NOT TO SCALE)

LEGEND

- - - - - = PROPERTY LINE
- [Hatched Box] = PROP POND
- 460 - - - = EXISTING CONTOURS
- 460 - - - = PROPOSED CONTOURS
- [Circle with 1] = AREA #
- [Circle with 0.00] = ACRES
- [Circle with 0.00] = CFS

Developed

DRAINAGE AREA CALCULATIONS

DESIGN POINT ID	RUNOFF COEF. "C"	"Ca"	AREA "A" Acres	TOTAL "CA"	Time of Concentration (Min.)	Intensity 110yr in/hr	Discharge 110yr Q 10yr cfs	Intensity 1100yr in/hr	Discharge 1100yr Q 100yr cfs	Comments
1	0.9	1	1.10	0.99	10.00	7.10	7.03	9.80	9.70	Pond A
2	0.9	1	2.27	2.04	10.00	7.10	14.51	9.80	20.02	Pond B
3	0.9	1	0.24	0.22	10.00	7.10	1.53	9.80	2.12	By Pass to Kristy
4	0.9	1	0.19	0.17	10.00	7.10	1.21	9.80	1.68	By Pass to Kristy
Offsite										
1A	0.35	1	0.30	0.11	10.00	7.10	0.75	9.80	1.03	Thru Pond A
2A	0.35		0.26	0.09	10.00	7.10	0.65	9.80	0.89	Thru Pond B
				4.10						

Pond A Acreage Area 1 + Area 4 1.29 acres
Pond B Acreage Area 2 + Area 3 2.51 acres

WARNING:
PRIOR TO THE BEGINNING OF ANY CONSTRUCTION OR CONSTRUCTION STAKING, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CIVIL ENGINEER TO ENSURE THAT ALL PARTIES ARE IN POSSESSION OF THE MOST CURRENT SET OF CONSTRUCTION DOCUMENTS.

NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION OF ALL EXISTING UTILITIES AND EASEMENTS PRIOR TO START OF OPERATIONS. CONTRACTOR WILL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO STARTING THE WORK. EXISTING UTILITIES AND UNDERGROUND FACILITIES INDICATED ON THESE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY BOTH THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES AND UNDERGROUND FACILITIES PRIOR TO START OF CONSTRUCTION. TAKE THE NECESSARY PRECAUTIONS IN ORDER TO PROTECT ALL FACILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE DURING CONSTRUCTION.

BENCHMARK:
PK NAIL IN CONCRETE.
NORTHING=7,021,752.890
EASTING=2,601,063.913
ELEVATION = 549.01'

AS-BUILT
May 12, 2021
Gerald Monk
GERALD E. MONK, P.E.

ONLY DRAWINGS STAMPED "RELEASED FOR CONSTRUCTION" BY THE CITY OF ROCKWALL TO BE USED FOR CONSTRUCTION.



CASE # SP2019-047
POST DRAINAGE AREA PLAN

BACON PLUMBING OFFICE

2055 KRISTY LANE
LOT 1-M, BODIN INDUSTRIAL TRACT, 3.54 ACRES
City of Rockwall, Rockwall County, Texas

owner
BACON PROPERTY, LLC
295 RANCH TRAIL
ROCKWALL, TEXAS 75032
CONTACT: BRAD BACON (972)236-5794

prepared by
MONK CONSULTING ENGINEERS, INC.
1200 W. State Street, Garland Texas 75040
972 272-1763 Fax 972 272-8761

REG NO.: F-2567
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date: 8/31/20 scale: 1" = 30' sheet: **C103A**