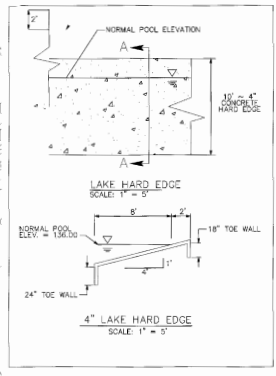


LINE TABLE		CURVE TABLE			
LINE	LENGTH	CHORD BEARING	CHORD	ARC	CHORD BEARING
17	10.00	S89° 31' 00" W	10.00	10.00	S89° 31' 00" W
18	10.00	S89° 31' 00" W	10.00	10.00	S89° 31' 00" W
19	10.00	S89° 31' 00" W	10.00	10.00	S89° 31' 00" W
20	10.00	S89° 31' 00" W	10.00	10.00	S89° 31' 00" W
21	10.00	S89° 31' 00" W	10.00	10.00	S89° 31' 00" W

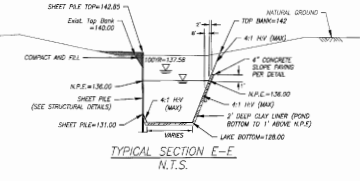
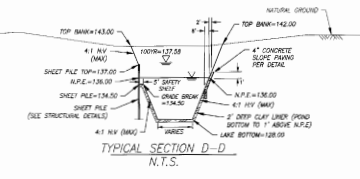
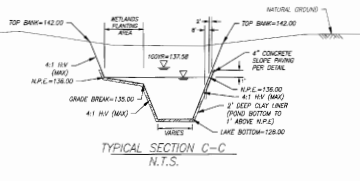
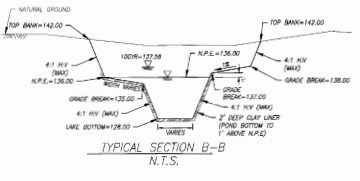
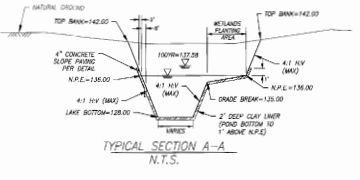
LAKE ID	NPE	100-YR WSE	HIGH BANK	LAKE AREA (AC)	DETENTION VOLUME (AC-FT)	DOWNSTREAM CONTROL STRUCTURE
LITTLE BUCK DETENTION FACILITY	136.00	137.58	140	4.41	7.52	(3) 70"x71" WEIR

NOTE: OWNERSHIP AND MAINTENANCE RESPONSIBILITY OF THE DETENTION FACILITY IS VESTED IN MONTGOMERY COUNTY MUNICIPAL UTILITY DISTRICT NO. 111.



- BULKHEAD NOTES:**
1. ALL BULKHEAD MATERIAL SHALL BE AS FOLLOWS: SHEET PILES - ASTM A572 Gr. 50.
  2. ALL MATERIALS SHALL BE NEW, NO MATERIAL SPICES WILL BE PERMITTED OTHER THAN THOSE SHOWN ON PROJECT DRAWINGS.
  3. ALL FABRICATION SHALL BE STRONG, PLAIN, LEVEL AND FREE FROM VISIBLE DISTORTION.
  4. ALL FABRICATION SHALL BE PERFORMED IN ACCORDANCE WITH AISC ALLOWABLE STRESS DESIGN MANUAL OF STEEL CONSTRUCTION (13TH EDITION).
  5. ALL SHEET PILING AND COMPONENTS SHALL BE COATED WITH 16 MIL MINIMUM DRY FILM THICKNESS COATS OF ZINC, ZINC RICH IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE COATING SHALL BE APPLIED EVENLY ON BOTH SIDES.
  6. CONTRACTOR SHALL NOTIFY THE ENGINEER OF FAILURE TO ADVISE THE DESIGN OTHER FOR SHEET PILE.
  7. CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DAMAGED PILES ENGINEER SHALL DETERMINE IF THE PILE SHALL BE REPLACED OR REPAIRED PER INDUSTRY STANDARD PRACTICE.
  8. ALL PILES SHALL BE INSTALLED STRAIGHT, PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
  9. THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS AND LAYOUT DRAWINGS TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION.
  10. THE OWNER SHALL NOT INCUR ANY ADDITIONAL COST DUE TO EXCESS MATERIAL USED TO FACILITATE THE CONTRACTOR'S WORK.
  11. CONTRACTOR SHALL VERIFY ALL DIMENSIONAL, ELEVATION, COORDINATE, UNDERMINING AND OVERHEAD CONDITIONS AND OTHER DESIGN FEATURES PRIOR TO CONSTRUCTION, FABRICATION, AND/OR ERECTION.
  12. ALL SURFACES TO BE FREE OF WELD SPALL, BURRS, SHARP EDGES AND CORNERS.
  13. REFER TO SPECIFICATIONS REPORT FOR FULL DETAILS OF SOIL DATA AND CONNECTION DETAILS.
  14. ALL BULKHEAD SHALL BE GOVERNED BY THE TEXAS DEPARTMENT OF TRANSPORTATION NOVEMBER 1, 2014 SPECIFICATIONS EXCLUDING ITEMS 1 THROUGH 8. ALL OTHER ITEMS SHALL BE GOVERNED BY THE CITY OF CONROE DESIGN PRACTICE MANUAL.
  15. ALIGNMENT AND S'S PROVIDED ARE BASED ON THE FACE OF SHEETS.

**LEGEND**  
 BUILDING CONSTRUCTION TO START BY AUGUST 1, 2018



**BENCHMARK:**  
 MC LEAN SWAMP CENTER, POINT NW 348: A SURVEY STAKE SET IN THE FURNACE AT THE OVERHEAD CORNER OF THE INTERSECTION OF CALHOUN ROAD AND DICK DR. (ELEV = 128.49 FEET ABOVE GROUND)

**TRIM-A:**  
 A 2" X 4" WOOD SIGN WITH ORANGE PLASTIC CAP STAKED TO THE GROUND, LOCATED AT THE SOUTH SIDE OF CALHOUN ROAD, 45 FEET WEST OF THE INTERSECTION OF CALHOUN ROAD AND DICK DR. TO 10 FEET SOUTH OF THE SOUTHERN EDGE OF PAVEMENT.

**ELEVATION:**  
 ELEV = 140.78 FEET NAVD83 (GEOIDAL)

**FLOODPLAIN:**  
 ELEV. IS LOCATED IN UNSHADED ZONE X PER FEMA FIRM MAP XL. INTERSECTION MARKED AS TO BE THE HIGHEST FLOODPLAIN ELEVATION WAS DETERMINED TO BE 134.00 FEET.

**NOTES:**  
 NOTE 1  
 SLOPE WEIR SLOTS TO BE BLOCKED AND SECURED SHUT SLOTS TO BE UNBLOCKED BY RETURN RESIDUAL CENTER PREVENT CONTRACTOR

MONTGOMERY COUNTY ENGINEERING DEPARTMENT  
 APPROVED: [Signature]  
 DATE: 7/16/18

**RECORD DRAWING**  
 I CERTIFY THAT THIS DRAWING REFLECTS THE IMPROVEMENTS CONSTRUCTED AS TO SIZE, LOCATION AND GRADE AND THAT THE CONSTRUCTION WAS IN FULL COMPLIANCE WITH THE CONTRACT DOCUMENTS.

CITY OF CONROE ETJ  
 MONTGOMERY COUNTY, TEXAS

COLLECTOR A  
 PHASE 1

**LJA Engineering, Inc.**  
 2520 Briarpark Drive  
 Suite 100  
 Houston, Texas 77042  
 LJA PROJECT NO.: 1968-11001

DESIGNED BY: CL/JM  
 DRAWN BY: KA/JM/TH  
 DATE: MAY 2018  
 SHEET NO. 13 OF 38 SHEETS

COLLECTOR A PHASE 1 - JOB NO. 1968-11001