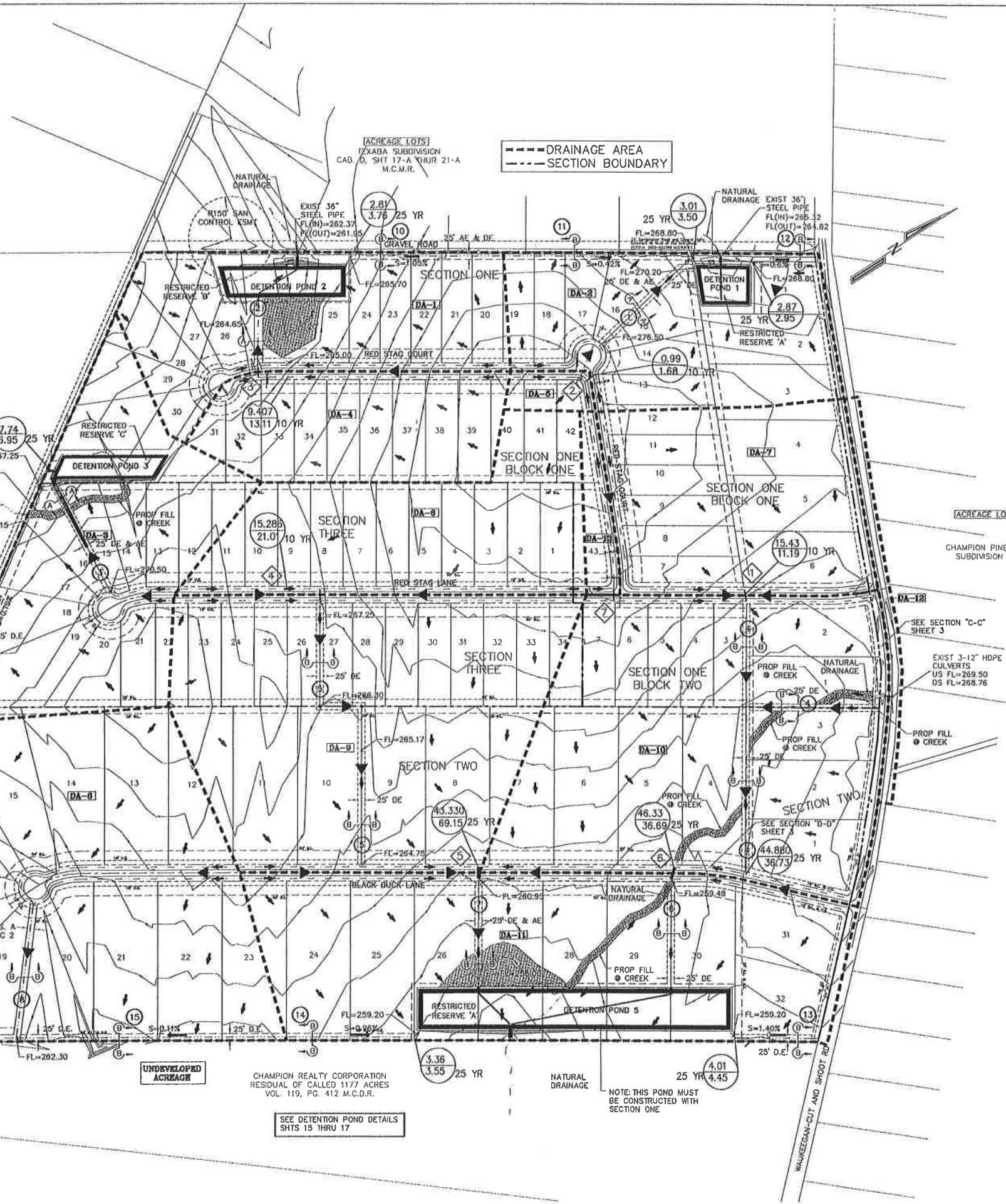
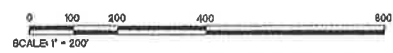


CHAMPION REALTY CORPORATION
RESIDUAL OF CALLED 1177 ACRES
VOL. 119, PG. 412 M.C.D.R.

ROLLING HILLS SUBDIVISION
UNRECORDED



--- DRAINAGE AREA
--- SECTION BOUNDARY

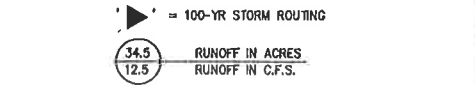


| DRAINAGE AREAS | |
|----------------|------------|
| AREAS | ACREAGE |
| DA-01 | 13.208 Ac. |
| DA-02 | 13.817 Ac. |
| DA-03 | 19.698 Ac. |
| DA-04 | 8.827 Ac. |
| DA-05 | 0.991 Ac. |
| DA-06 | 13.836 Ac. |
| DA-07 | 13.984 Ac. |
| DA-08 | 35.043 Ac. |
| DA-09 | 28.066 Ac. |
| DA-10 | 29.396 Ac. |
| DA-11 | 28.051 Ac. |
| DA-12 | 1.502 Ac. |
| DA-13 | 1.450 Ac. |

| DITCH SCHEDULE | | | | | | |
|----------------|---------|----------|----------|-------|-----------|------------|
| DITCH | SECTION | FL (UPS) | FL (DNS) | GRADE | Q25 (CFS) | MIN. DEPTH |
| 1 | A | 277.15 | 269.00 | 0.15% | 2.06 | 0.91' |
| 2 | A | 265.00 | 264.65 | 0.15% | 18.21 | 0 |
| 3 | A | 270.50 | 269.65 | 0.20% | 12.83 | 0 |
| 4 | B | 268.00 | 267.80 | 0.40% | 94.24 | 10 |
| 5 | B | 267.25 | 264.75 | 0.10% | 43.79 | 10 |
| 6 | B | 259.48 | 257.70 | 0.45% | 97.19 | 10 |
| 7 | B | 260.95 | 260.35 | 0.15% | 64.17 | 10 |
| 8 | B | 263.50 | 262.00 | 0.15% | 39.70 | 5 |
| 9 | B | 268.00 | 267.25 | 0.10% | 6.95 | 0 |
| 10 | B | 271.50 | 265.70 | 1.05% | 3.76 | 0 |
| 11 | B | 271.50 | 268.80 | 0.42% | 3.50 | 0 |
| 12 | B | 270.00 | 268.80 | 0.60 | 2.95 | 0 |
| 13 | B | 262.00 | 259.20 | 1.40% | 4.45 | 0 |
| 14 | B | 263.50 | 259.20 | 0.96% | 3.55 | 0 |
| 15 | B | 263.00 | 262.30 | 0.11% | 10.28 | 0 |

| CULVERT SCHEDULE | | | | | |
|------------------|------------|----------|----------|-------|------------------------------|
| NO. | SIZE/TYPER | FL (UPS) | FL (DNS) | CAP | Q10 (UNLESS NOTED OTHERWISE) |
| 1 | 24" HDPE | 269.00 | 268.90 | 25.99 | 11.19 |
| 2 | 18" HDPE | 278.00 | 277.60 | 2.25 | 1.68 |
| 3 | 18" HDPE | 265.00 | 264.90 | 17.93 | 13.11 |
| 4 | 24" HDPE | 268.00 | 267.80 | 25.99 | 19.02 |
| 5 | 4-24" HDPE | 261.50 | 261.00 | 73.90 | 54.05 |
| 6 | 3-24" HDPE | 260.00 | 259.80 | 68.68 | 28.91 |
| 7 | 18" HDPE | 275.62 | 275.52 | 2.25 | 0.75 |

DRIVEWAY CULVERT SCHEDULE
ALL LOCATIONS USE 18" CULVERT PIPE (16 LF MIN. DRIVEWAY CULVERT LENGTH) EXCEPT LOTS 8, AND 9 (SECTION 3) ON N. SIDE OF BLACK BUCK LANE WHICH SHALL BE 2-24" CULVERTS, & LOT 4 IN SECTION 3 SHALL BE 4-24" CULVERTS



I CERTIFY THAT THESE PLANS WHICH BEAR MY SEAL HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND ARE IN COMPLIANCE WITH ALL APPLICABLE CITY, STATE, AND FEDERAL REQUIREMENTS.

ALL CONSTRUCTION SHALL BE DONE PER MONTGOMERY COUNTY STANDARD DETAILS & SPECIFICATIONS, LATEST REVISIONS.

LOCATION OF EXISTING UNDERGROUND UTILITY LINES INDICATED ON THIS PLAN ARE APPROXIMATE, AND THE CONTRACTOR SHALL VERIFY THEIR LOCATION PRIOR TO COMMENCEMENT OF ANY TRENCHING OR EXCAVATION OPERATIONS.

SITE TEMPORARY BENCHMARK: ELEVATION=270.03
LOCATION: 48.27 FEET WEST OF PROPERTY LINE AND 89.24' NORTH WEST OF LOT 29 AND 28.

FLOOD PLAIN: THIS PROJECT DOES NOT LIE WITHIN THE 100 YEAR FLOOD PLAIN IN ACCORDANCE WITH FEMA MAP PANEL NO. 570, COMMUNITY MAP PANEL NO. 48339C0570 F, MONTGOMERY COUNTY, TEXAS EFFECTIVE DATE DECEMBER 19, 1996.

APPROVED BY MONTGOMERY COUNTY ENGINEER DATE

| REV | DATE | BY | APP | COMMENT |
|-----|--------|----|-----|-------------------|
| 1 | 9/7/05 | JN | WUK | ISSUED FOR REVIEW |

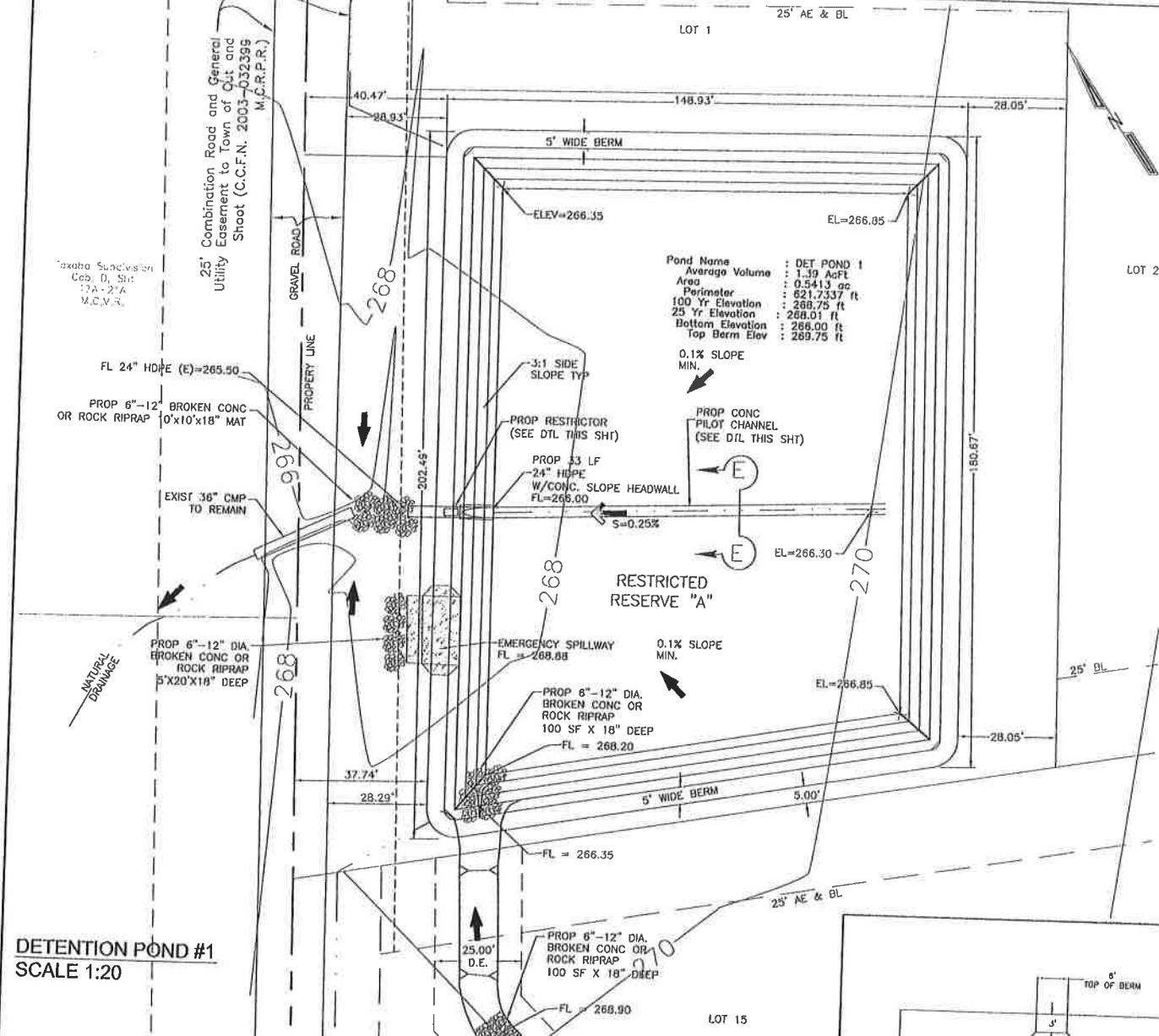
Bleyl & Associates
Project Engineering & Management

2251 N. LOOP 336 W. SUITE B
GONFRETT, TEXAS 75304-4404
P.O. BOX 503
GONFRETT, TEXAS 75304-5003
(281) 364-3141

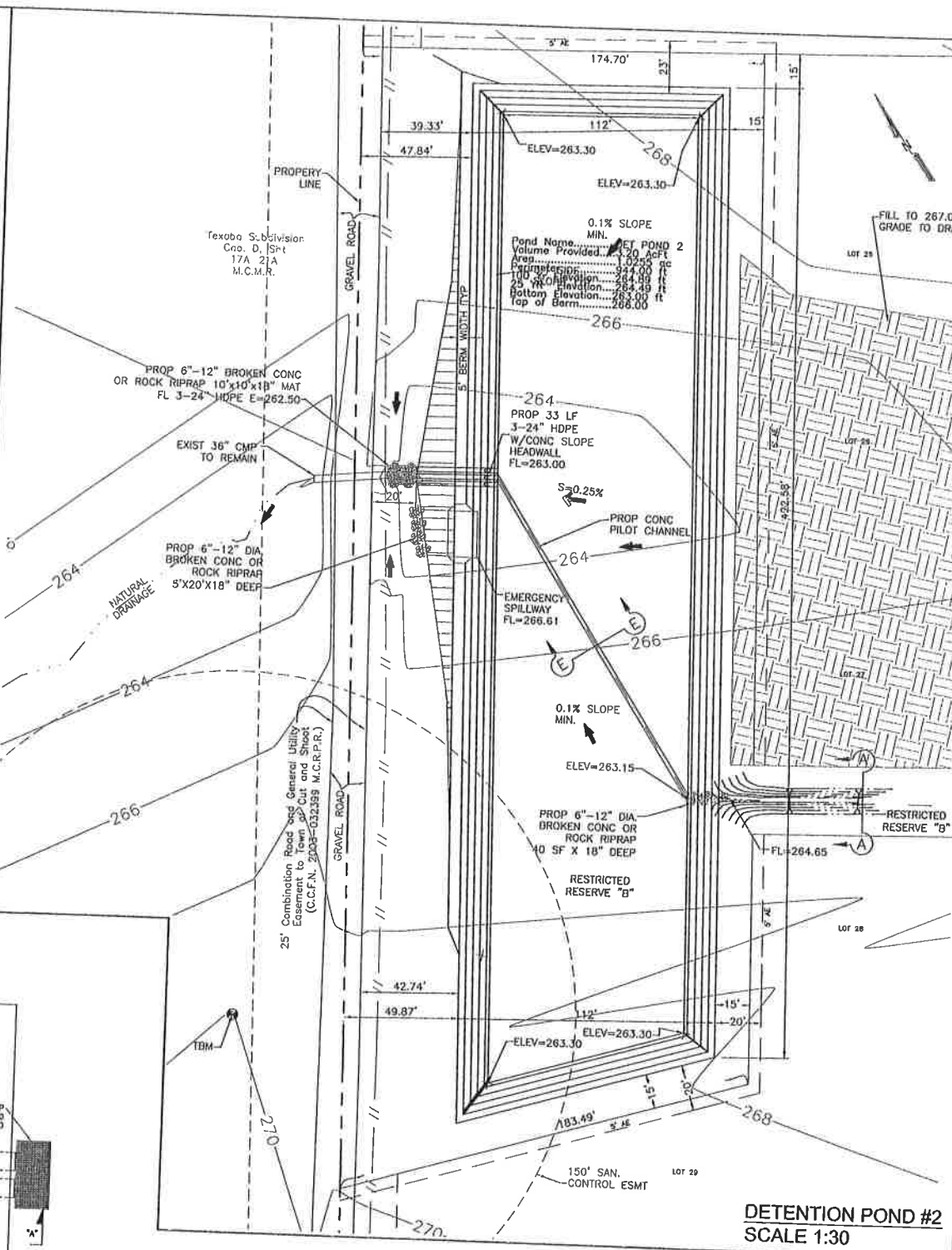
DRAINAGE PLAN
DEER TRAILS
SECTIONS ONE TWO & THREE
204.547 ACRES OF LAND
IN THE P. HUNTER SURVEY, A-273
MONTGOMERY COUNTY, TEXAS



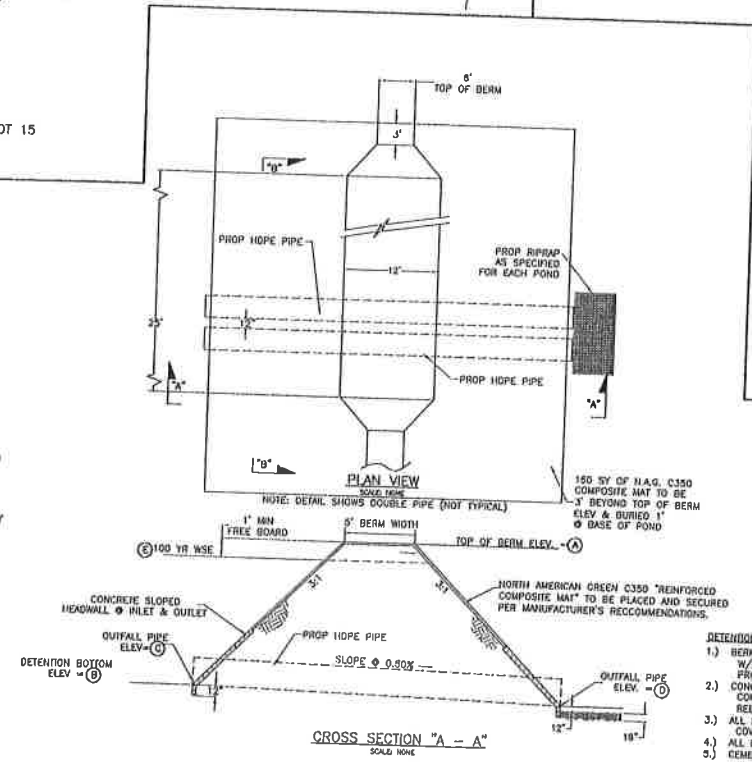
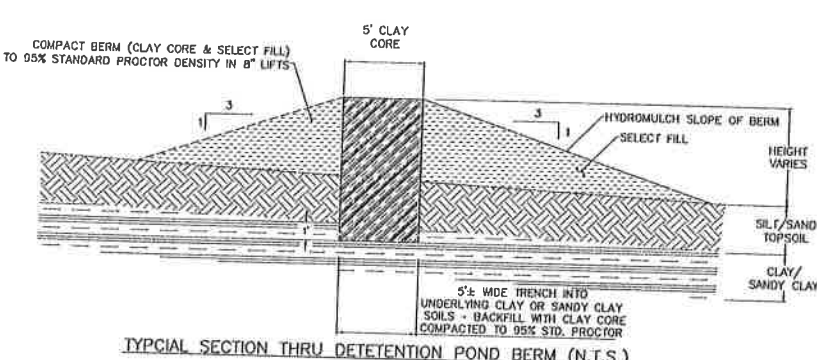
PROJECT NUMBER
1844
FILE NAME: 1844-D04.DWG
SHEET: 4 OF 19



DETENTION POND #1
SCALE 1:20

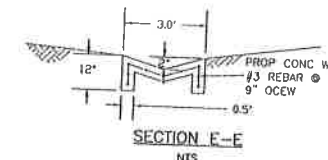


DETENTION POND #2
SCALE 1:30



DETENTION POND & OVERFLOW ELEVATIONS

| ELEV | POND 1 | POND 2 | POND 3 | POND 4 | POND 5 |
|------|--------|--------|--------|--------|--------|
| (A) | 269.89 | 268.00 | 268.15 | 263.01 | 260.00 |
| (B) | 268.00 | 263.00 | 261.97 | 257.40 | 255.60 |
| (C) | 268.00 | 263.00 | 261.97 | 257.40 | 255.60 |
| (D) | 265.50 | 262.50 | 261.67 | 256.90 | 255.50 |
| (E) | 268.75 | 264.89 | 267.14 | 261.93 | 259.18 |



- DETENTION NOTES
- BERM STRUCTURE TO BE CONSTRUCTED IN 6" LIFTS W/ SELECT FILL (10 SPT @ 20) AND HAVING 95% STA. PROCTOR DENSITY COMPACTION @ EACH LIFT.
 - CONCRETE SHALL BE 6 SACK PER CUBIC YARD WITH MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI @ 28 DAYS. REBAR TO BE GRADE 60 @ 12" ON CENTER EACH WAY.
 - ALL REINFORCEMENT REBAR SHALL HAVE A MINIMUM OF 3" COVER OF CONCRETE UNLESS NOTED OTHERWISE.
 - ALL REINFORCEMENT REBAR NOT SHOWN FOR CLARITY.
 - CEMENT STABILIZED SAND SHALL BE USED WITH 12" COVER ON OUTFALL PIPES.

| | | |
|--------------|----------|---------------------|
| PREPARED FOR | WALK | ISSUED FOR APPROVAL |
| DATE | BY | APP |
| 10/22/05 | JN | |
| REV | DATE | BY |
| 6 | 10/22/05 | JN |

Bleyl & Associates
Project Engineering & Management

2251 N. LOOP 335 W SUITE B
CONROE, TEXAS 77304
336-441-7833 PHONE
336-760-3833 FAX

DETENTION POND 1 & 2 DETAILS
DEER TRAILS
SECTIONS ONE TWO & THREE
204.547 ACRES OF LAND
IN TH EP HUNTER SURVEY, A-273
MONTGOMERY COUNTY
MONTGOMERY COUNTY, TEXAS



PROJECT NUMBER: 1844
FILE NAME: 1844-D15.DWG
SHEET: 15 OF 19
APPROVED BY MONTGOMERY COUNTY ENGINEER: [Signature]
DATE: [Blank]