

Attachment 2

LEGEND

A.E. = AERIAL EASEMENT  
B.C.C.F. = BRAZORIA COUNTY CLERK'S FILE  
B.C.D.R. = BRAZORIA COUNTY DEED RECORDS  
B.C.P.R. = BRAZORIA COUNTY PLAT RECORDS  
BL = BUILDING LINE  
BM = BENCHMARK  
C.I.R. = CAPPED IRON ROD  
E.E. = ELECTRIC EASEMENT  
FND = FOUND  
I.R. = IRON ROD  
I.P. = IRON PIPE  
MH = MANHOLE  
No. = NUMBER  
P.O.B. = POINT OF BEGINNING  
P.O.C. = POINT OF COMMENCEMENT  
R.O.W. = RIGHT-OF-WAY  
S.F. = SQUARE FEET  
S.S.E. = SANITARY SEWER EASEMENT  
STM.S.E. = STORM SEWER EASEMENT  
U.E. = UTILITY EASEMENT  
D.E. = DRAINAGE EASEMENT  
VOL., Pg. = VOLUME, PAGE  
W.L.E. = WATER LINE EASEMENT  
BVC = BOX CULVERT  
CONC = CONCRETE  
FL = FLOWLINE  
FO = FIBER OPTIC  
GT = GUTTER  
OHP = OVERHEAD ELECTRIC POWER  
RCP = REINFORCED CONCRETE PIPE  
SAN = SANITARY  
STM = STORM

SYMBOLS

●

= FND IMPLEMENT AS NOTED

○

= SET 5/8" IRON ROD

⊙

= BENCHMARK

⋈

= GAS VALVE

⊞

= GAS METER

⊠

= IRRIGATION CONTROL

⊡

= WATER VALVE

⊢

= FIRE HYDRANT

⊣

= GUY WIRE

⊤

= POWER POLE

⊥

= SIGNAL POLE

⊦

= LIGHT POLE

⊧

= LIGHT BOLLARD

⊨

= BOLLARD

⊩

= MONITOR WELL

⊪

= CLEANOUT

⊫

= SIGN

⊬

= TELE PEDESTAL

⊭

= TREE

⊮

= MANHOLE

⊯

= INLET

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= OVERHEAD ELECTRIC

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= BARBED WIRE FENCE

—

= WOOD FENCE

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= CHAIN LINK FENCE

49 LOTS  
100' x 130' Usual

PROPOSED DETENTION POND  
TOP 125,350 S.F.  
BOTTOM 73,700 S.F.  
AVERAGE AREA 99,525 S.F.  
DEPTH 6.5' TO STATIC = 14.85 AC-FT  
DET. REQ'D. = 73,700 S.F.

15328 - WHISPERING OAKS, S. OF HERITAGE OAKS, ANGLETON, TX  
RESTRICTIVE OUTLET FLOW RATE OF 12.7 CFS AND 0.50' HEAD

| A | B   | C    | D    | E     | F   | G   | H | I          | J          | K         | L       | M        | N      |
|---|-----|------|------|-------|-----|-----|---|------------|------------|-----------|---------|----------|--------|
| 1 | H"  | Q"   | ENTR | n     | L   | D   |   |            |            |           |         |          |        |
| 2 |     |      | LOSS |       |     |     |   |            |            |           |         |          |        |
| 3 | 0.5 | 5.5  | 0.5  | 0.013 | 100 | 1.5 |   | 2.5204(1+) | 466.18"E4^ | 84/(C4/10 | 14/G4^5 | L4/(L4+N |        |
| 4 | 0.5 | 10.8 | 0.5  | 0.013 | 100 | 2   |   | 3.7806     | 7.8784     | 1.6532    | 0.746   | 0.9065   | 0.0000 |
| 5 | 0.5 | 17.9 | 0.5  | 0.013 | 100 | 2.5 |   | 3.7806     | 7.8784     | 0.1562    | 0.096   | 0.0595   | 0.0000 |
| 6 | 0.5 | 26.9 | 0.5  | 0.013 | 100 | 3   |   | 3.7806     | 7.8784     | 0.0692    | 0.046   | 0.0225   | 0.0000 |

ORIFICE EQUAT  
Q = Cd \* A \* (2 \* G \* H)  
Where:  
Cd = 0.6  
G = 32.2  
H = 0.5  
Q = 12  
A = 2.8  
USE 18" Dia. = 1.77 SF FOR REST

PRELIMINARY LAYOUT

28.203 ACRES  
1,228,526 SQUARE FEET  
ALL OF RESIDENTIAL RESERVE "B", BLOCK 4  
A PORTION OF RESIDENTIAL RESERVE "A", BLOCK 3  
RESIDENTIAL RESERVE "F" BLOCK 9  
ENCHANTED OAKS DRIVE AND WHISPERING OAKS DRIVE  
OUT OF RE-PLAT OF HERITAGE OAKS SUBDIVISION  
VOL. 20, PG. 323 B.C.P.R. LOCATED IN THE  
J. DE J. VALDERAS SURVEY, ABSTRACT No. 380  
IN BRAZORIA COUNTY, TEXAS

Baker & Lawson, Inc.  
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www.bakerlawson.com  
Licensed Surveying Firm No. 10052500

|                               |                  |                 |
|-------------------------------|------------------|-----------------|
| PROJECT NO.: 15328            | SCALE: 1" = 100' | DRAWN BY: CAP   |
| DRAWING NO.: 15328 PRELIM.dwg | DATE: 07/08/2022 | CHECKED BY: DBR |