



2019/3/4/9
REVIEWED FOR COMPLIANCE
 Performance of this review does not relieve the applicant from the responsibility to comply with all applicable codes, ordinances and regulations
 01/21/21

FLOODPLAIN NOTE:
 BFE = 66.00' (100-YR) & 68.75' (500-YR)
 ACCORDING TO THE MAP NO. 48201C0295M AND 48201C0315L OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD RATE MAPS, DATED JUNE 9, 2014 AND JUNE 18, 2007, THE SITE LIES IN UNSHADED ZONE "X", SHADED ZONE "X", ZONE "AE"

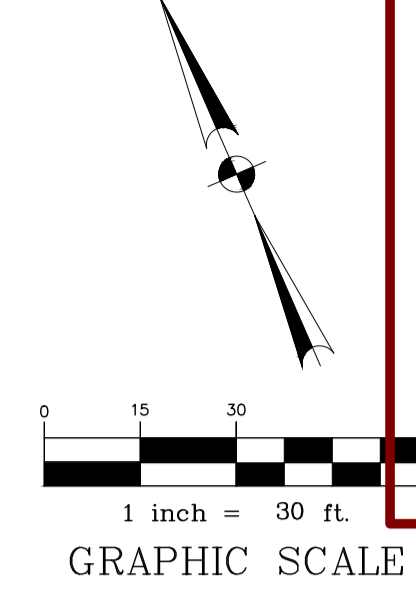
TOTAL DETENTION/MITIGATION POND VOLUME SUMMARY

TOTAL DETENTION VOLUME PROVIDED	334,638 CU FT
TOTAL MITIGATION VOLUME PROVIDED	293,463 CU FT
TOTAL STORAGE VOLUME PROVIDED	628,101 CU FT

MITIGATION CALCS:

TOTAL FLOODPLAIN FILL	10,619 CY
TOTAL FLOODPLAIN CUT	10,869 CY
NET CUT	250 CY CUT

*ALL NUMBERS HAVE BEEN CALCULATED THROUGH AUTOCAD 2020 CIVIL 3D MODELING.



MITIGATION TABLE

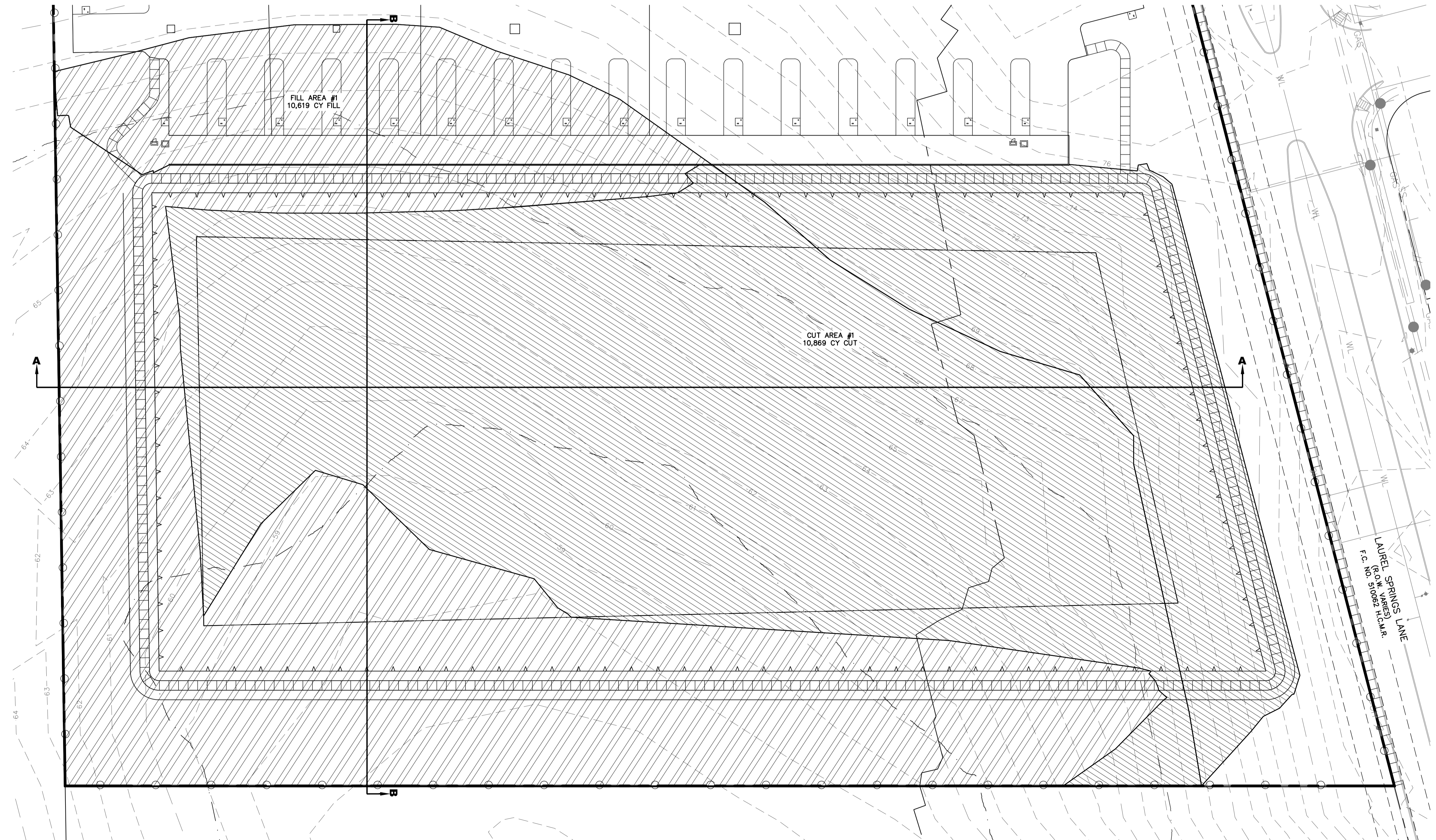
AREA NAME	TOTAL AREA (SQ FT)	TOTAL FILL/CUT (CU FT)	AVERAGE DEPTH (FT)
FILL AREA 1	94,831	286,713	3.02'
CUT AREA 1	123,962	293,463	2.37'
TOTAL NET CUT	N/A	6,750	N/A

LEGEND

- PROPOSED FILL IN THE FLOODPLAIN
- PROPOSED CUT IN THE FLOODPLAIN

GENERAL NOTES

- CONTRACTOR TO ADJUST ALL EXISTING AND PROPOSED UTILITY APPURTENANCES TO FINISHED GRADE.
- ALL EXCAVATED MATERIAL TO BE HAULED OFFSITE.



MULTIPLE EXISTING PUBLIC AND PRIVATE UTILITY LINES EXIST ON THIS SITE. THE UTILITY LINES SHOWN ON THESE DRAWINGS REFLECT INFORMATION OBTAINED FROM RECORD DRAWINGS AND MAY NOT INCLUDE ALL EXISTING UTILITIES. CONTRACTOR IS TO USE EXTREME CAUTION DURING ALL CONSTRUCTION ACTIVITIES AND IS SOLELY RESPONSIBLE FOR DAMAGE TO EXISTING FACILITIES.

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 TEXAS ONE CALL PARTICIPANTS REQUEST
 72 HOURS NOTICE BEFORE YOU DIG, DRILL
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 TEXAS ONE CALL SYSTEM
 1-800-344-8377
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 (713)-223-4567

AL PROJECT NO. 031.19.CY.039	DATE: NOV. 2020	SCALE: 1:30	DRAWN BY: DAD	CHECKED BY: KAD
MITIGATION PLAN				
LAUREL SPRINGS RV RESORT 1355 LAUREL SPRINGS LANE HOUSTON, TEXAS				
SHEET C4.2				

ALJ Lindsey
 Civil Engineer, State #14
 Houston, TX 77066
 FRNF-11526

Brett T. Hanrahan
 BRETT T. HANRAHAN
 12908
 REGISTERED
 PROFESSIONAL ENGINEER
 19 NOVEMBER 2020

NO.	REVISIONS	DATE
2	CITY OF HOUSTON COMMENTS	11/19/2020
1	CITY OF HOUSTON COMMENTS	09/08/2020