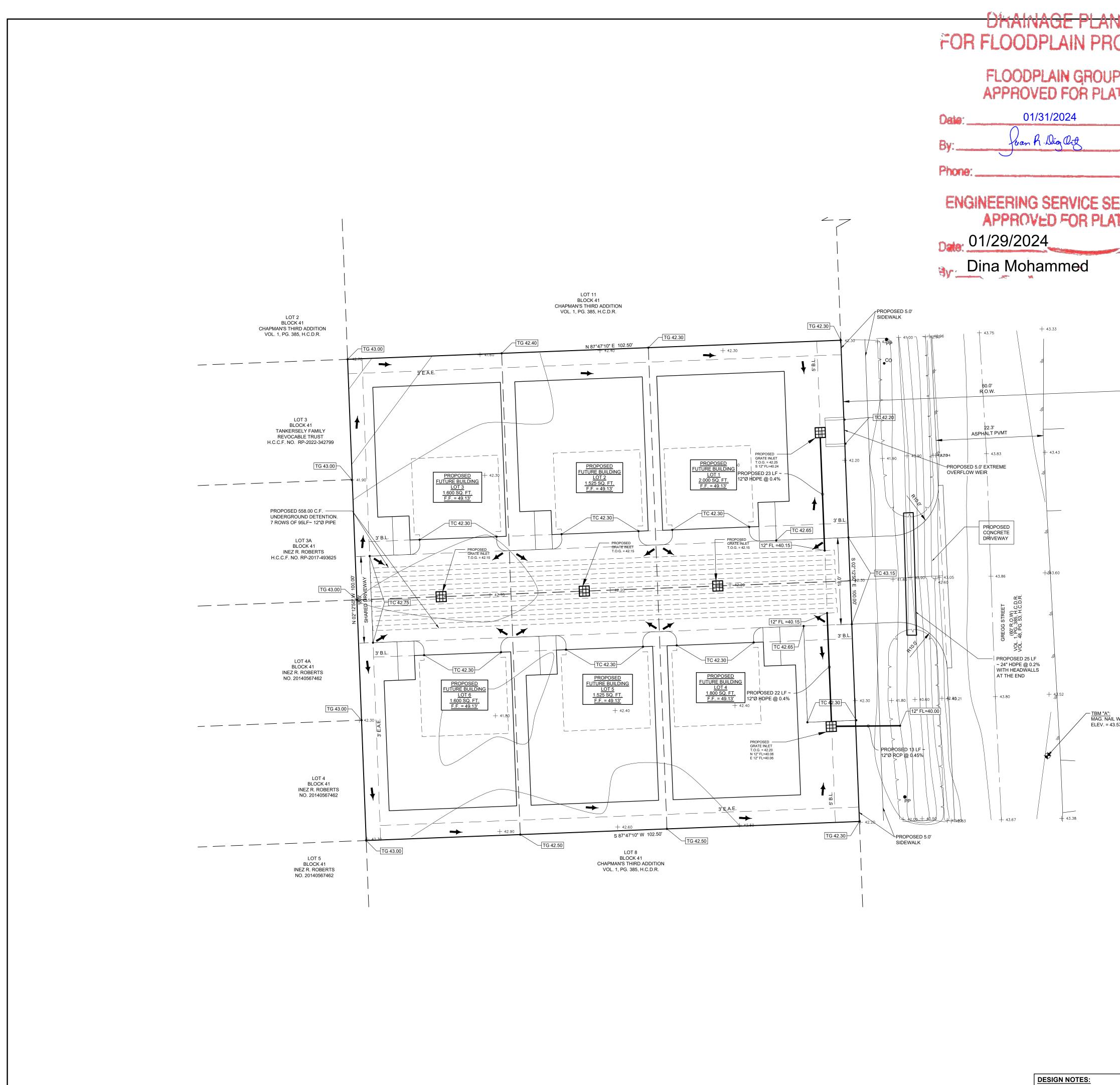
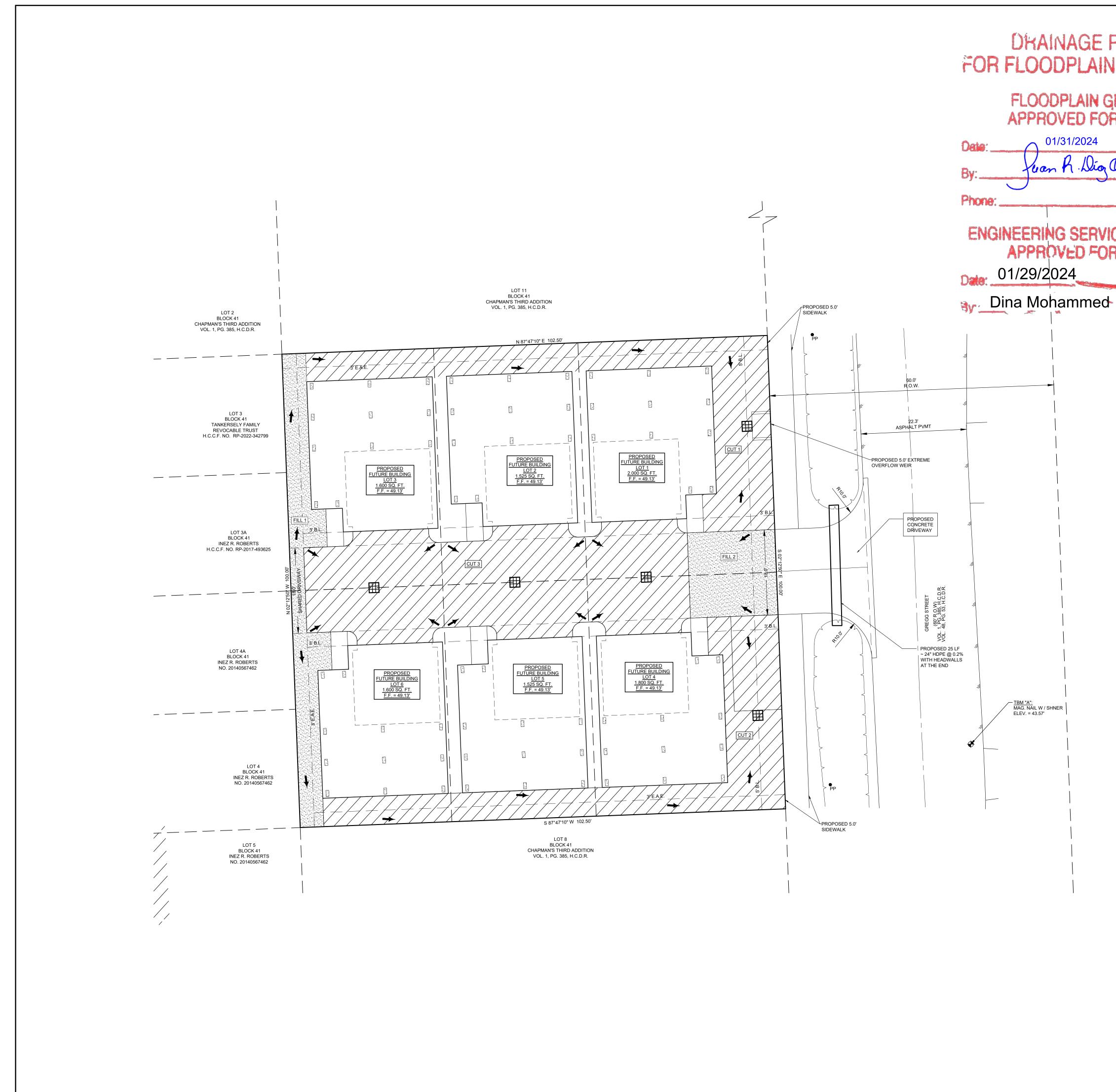


	LEGEND: FL = x.xx FLOW LINE	ARCHITECTS AND ENGINEERS 5300 HOLLISTER STREET, SUITE 301 HOUSTON, TX 77040 TEL: 713 370 8750 TBPELS F-24553
Dikainage pla FLOODPLAIN GRO	RGJEC	E. HENRY BARRETO
APPROVED FOR Pl Date:		
ENGINEERING SERVICE APPROVED FOR PO 01/29/2024 Dina Mohammed		GREGG STREET DRAINAGE FOR PLAT 2011 GREGG ST, HOUSTON, TEXAS 77026
		No. DESCRIPTION DATE 1 Issue for Drainage Plat 1/22/2024 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage Plat 1 Issue for Drainage Plat Issue for Drainage P
		SCALE: 1" = 10'-0" DRAWN BY: LA CHK BY: DH APP BY: EHBC DATE: 1/22/2024
CHAPMAN'S THIRD ADDI	SURVEY OF LOTS 9 & 10, IN BLOCK 41, OF TION, VOL. 1, PG. 385, H.C.D.R. LOCATED IN	PROJECT NO.: 24103 SHEET TITLE: EXISTING CONDITIONS
THE HARRIS, S. M. SURVI <u>TBM "A":</u> ELEV.: 43.57 <u>FLOOD NOTE:</u> THIS TRACT LIES IN ZON WITHIN THE 0.2% ANN NATIONAL FLOOD INSUR	EY, A-327, HARRIS COUNTY, TEXAS NE "X-SHADED", AREAS DETERMINED TO BE UAL CHANCE FLOODPLAIN, AS PER THE ANCE PROGRAM FIRM MAP PANEL NUMBER E DATE: JANUARY 06, 2017.	SHEET NUMBER:



		$TG = x.xx$ $TC = x.xx$ $G = x.xx$ $RIM = x.xx$ $FL = x.xx$ $\psi^{O^{L}} \times$ $T.B.M.$	TOP OF INLET GRATE TOP OF GRADE TOP OF CURB/CONCRETE GUTTER ELEVATION RIM ELEVATION	Joseph Street Ston Hollister Street Suite 301 Houston, tx 77040 Ter 213 370 875Terest F-24553
	ANAL IMPROVEMENT TYPE BUILDING PARKING LOT / DRIVEWAY SIDEWALK / PATIO TOTAL IMPERVIOUS AREA	AREA OF EXISTING IMPERVIOUS COVER (Sq Ft.) 0.00 0.00 0.00 0.00 0.00	AREA OF FINAL IMPERVIOUS COVER (Sq Ft.) 4,890.00 2,298.00 168.00 7,356.00	NOTES:
	DETENTION CALCULATIONS VT = 0.75 ac-ft/ac x IMPERVIOUS AREA IN EXC VT = TOTAL DETENTION VOLUME FOR THE ID AII = AREAIN EXCESS PF 65% OF TRACT DETENTION EXCESS PF 65% OF TRACT DETENTION COLUME FOR THE ID AII = AREAIN EXCESS PF 65% OF TRACT PROJECT AREA IN ACRESS EXISTING CONDITIONS: AREA PERVIOUS (acres) AREA IMPERVIOUS (acres) AREA IMPERVIOU	PROPOSED PROJECT (C.F.) DRM DRAINAGE ANALYSIS (A) 0.235 (A) 0.235 (A) 0.235 (A) 0.235 (B) 0.000 (C) 0.000 (C) 0.000 (A) 0.000 (A) 0.000 (A) 0.000 (C) 0.000 (A) 0.190 (A) 0.570 DETENTION SUMMARY 41.25 PIPE DETENTION	(H)(3)(b) OF THE 2023 IDM 520 0.068	CREGG STREET BRAINAGE FOR PLAT 2011 GREGG ST, HOUSTON, TEXAS 77026
.W/SHNER	12 0.79 UNDERGROUND DETENTION SYSTEM SUBTOTALS TOTAL PROVIDED WATER DETENTION	= PIPE DETENTION	558 0 558 558 558	No. DESCRIPTION DATE 1 Issue for Drainage Plat 1/22/2024 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
				SCALE: 1" = 10'-0" DRAWN BY: LA CHK BY: DH APP BY: EHBC DATE: 1/22/2024 PROJECT NO.: 24103 SHEET TITLE:
N IS CONCEPTULAN SHALL BE I	E ABOVE THE 500-YEAR WSE. JAL IN NATURE AND THE IN CONFORMANCE WITH THE	GAL DESCRIPTION: RVEY OF LOTS 9 & 10, IN BLOCK DITION, VOL. 1, PG. 385, H.C.D.R. LO RVEY, A-327, HARRIS COUNTY, TEXAS M SET: EV.: 43.57 DOD NOTE: IS TRACT LIES IN SHADED ZONE "X-SI BE WITHIN THE 0.2% ANNUAL CHANG TIONAL FLOOD INSURANCE PROGRA 201C069ON, EFFECTIVE DATE: JANUA OYEAR BFE = 45.43' OYEAR DFE = 47.13'	CATED IN THE HARRIS, S. M. S HADED", AREAS DETERMINED CE FLOODPLAIN, AS PER THE M FIRM MAP PANEL NUMBER	DRAINAGE/ GRADING PLAN SHEET NUMBER: C200



PLAN PROJEC ROUP R PLAT		LEGEND: T.B.M. TEMPORARY BENCHMARK PROPOSED CATCH BASIN STM. SWR. STORM SEWER DITCH HIGH BANK B.F.E BASE FLOOD ELEVATION NET CUT NET FILL NO NET FILL OR CUT	ARCHITECTS ARCHITECTS
CE SECTION R PLAT			NOTES:
F 100 YEAR BFE: 500 YEAR DFE: AVERAGE EXISTING GRADE ELEVATION ITEM PIERS FILL 1 FILL 2 CUT 1 CUT 1 CUT 1 CUT 2 (1) MAXIMUM AT 500 YEAR WSEL FOR M (2) CALCULATIONS BASED ON WEIGHTE TOTAL CUT > TOTAL FILL (O	TOP ELEVATION ⁽¹⁾ FILL 48.00 54.61 4.63 42.75 512.17 0.25 42.75 332.86 0.25 42.30 42.30 1 42.35 TOTAL FILL = TIGATION CALCULATION PURPOSES ED AVERAGES	(2) CUT ⁽²⁾ H VOLUME AREA DEPTH VOLUME 252.83	CREGG STREET BRAINAGE FOR PLAT 2011 GREGG ST, HOUSTON, TEXAS 77026
	ADDITION, VOL. 1, SURVEY, A-327, HAI	N: 9 & 10, IN BLOCK 41, OF CHAPMAN'S THIRD PG. 385, H.C.D.R. LOCATED IN THE HARRIS, S. M. RRIS COUNTY, TEXAS	No. DESCRIPTION DATE 1 Issue for Drainage Plat 1/22/2024 1 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
	TO BE WITHIN THE NATIONAL FLOOD I	I SHADED ZONE "X-SHADED", AREAS DETERMINED 0.2% ANNUAL CHANCE FLOODPLAIN, AS PER THE NSURANCE PROGRAM FIRM MAP PANEL NUMBER ECTIVE DATE: JANUARY 06, 2017. 4 <u>3'</u> 1 <u>3'</u>	SHEET NUMBER: