



**LEGEND:**

EXISTING MAJOR CONTOUR	---640---
EXISTING MINOR CONTOUR	---641---
PROPOSED MINOR CONTOUR	—640—
PROPOSED MAJOR CONTOUR	—641—
PROPOSED STORM DRAIN	—/—/—
DRAINAGE AREA BOUNDARY	— — — —
DRAINAGE AREA LABEL	(A1)
NAME	AREA (ACRES)
	2.6
INLET DESIGNATION	XX' C.I. XX
FLOW AREA	→
DESIGN POINT	▲

**NOTES:**

1. PROPERTY IS CURRENTLY ZONED MULTIFAMILY (C) BUT WILL BE REZONED TO NEIGHBORHOOD COMMERCIAL (E).
2. DESIGN CRITERIA IS BASED ON CITY OF FORT WORTH DESIGN CRITERIA MANUAL DATED NOVEMBER 2015.
3. EXISTING CONTOURS ARE BASED ON TOPOGRAPHIC SURVEY PREPARED BY MMA, DATED NOVEMBER, 2023 AND LIDAR COMPLETED IN 2019 DOWNLOADED FROM TNRS.
4. DRAINAGE AREAS ARE BASED FROM ST. TERESA OF CALCUTTA CATHOLIC CHURCH DRAINAGE STUDY. REFER TO STUDY FOR MORE DETAIL.
5. RATIONAL METHOD USED TO MODEL PROPOSED STORM PIPE IMPROVEMENTS ONLY. SCS METHODOLOGY USED IN DRAINAGE STUDY ANALYSIS, REFER TO DRAINAGE STUDY FOR MORE DETAIL.

**GENERAL UTILITY NOTES:**

ALL EXISTING UTILITY DATA IS PROVIDED FOR INFORMATION ONLY. ALTHOUGH THIS DATA IS SHOWN AS ACCURATELY AS POSSIBLE, THE CONTRACTOR IS CAUTIONED THAT THE OWNER AND THE ENGINEER NEITHER ASSUME NOR IMPLY ANY RESPONSIBILITY FOR THE ACCURACY OF THIS DATA. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE UTILITY AFFECTED AND VERIFY THESE LOCATIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.

CALL TEXAS 811 OR OTHER UTILITY LOCATING SERVICES 48 HOURS PRIOR TO CONSTRUCTION ACTIVITY. MMA INC. IS NOT RESPONSIBLE FOR KNOWING ALL EXISTING UTILITIES OR DEPICTING EXACT LOCATIONS OF UTILITIES ON DRAWINGS.

**SOURCE BENCHMARK:**

CITY OF FORT WORTH MONUMENT #8963 - BRASS DISC STAMPED "8963" ON THE SOUTH CURB OF WESTPORT PARKWAY 660 FEET WEST OF THE WEST ENTRANCE RAMP TO I-35-W AND 160 FEET EAST OF THE CENTERLINE OF THE HERITAGE PARKWAY IN THE CENTER OF A 10 FOOT RECESSED INLET 1 FOOT OFF THE FACE OF CURB A CITY MON #8963 SET IN THE TOP OF THE INLET.  
 ELEV: 654.31'  
 NAD83 TXNCR (GRID)  
 N: 7039854.13'  
 E: 2332805.78'

**SITE BENCHMARK:**

**TBM #1** - "X" CUT IN SQUARE LOCATED APPROXIMATELY 150' SOUTHWEST OF THE SOUTHWEST INTERSECTION OF WESTPORT PARKWAY AND SOUTHEAST BOUND LANE OF ALTA VISTA DRIVE. BENCHMARK IS APPROXIMATELY 40' SOUTHWEST OF THE NORTH ENTRANCE TO THE SUBJECT PROPERTY, ON TOP OF A CURB INLET IN THE SOUTH RIGHT OF WAY OF ALTA VISTA DRIVE.  
 ELEV: 674.75'  
 NAD83 TXNCR (GRID)  
 N: 7039891.09'  
 E: 2341537.55'

**TBM #2** - "X" CUT IN SQUARE LOCATED APPROXIMATELY 555' SOUTHWEST OF THE SOUTHWEST INTERSECTION OF ALTA VISTA DRIVE AND NORTHEAST BOUND LANE OF WESTPORT PARKWAY. BENCHMARK IS ON A CURB INLET IN THE EAST RIGHT OF WAY OF WESTPORT PARKWAY.  
 ELEV: 675.54'  
 NAD83 TXNCR (GRID)  
 N: 7039572.76'  
 E: 2341024.54'

BEARINGS AND COORDINATE VALUES SHOWN HEREON ARE IN REFERENCE TO THE NAD83 TEXAS COORDINATE SYSTEM - NORTH CENTRAL ZONE, 4202, BASED ON GPS OBSERVATIONS UTILIZING THE LEICA GPS REFERENCE NETWORK. THE PROJECT SCALE FACTOR IS 1.000154642983 (0.999845380927), BASE POINT OF 0,0,0.

**ST. TERESA OF CALCUTTA CATHOLIC CHURCH  
FORT WORTH, TEXAS  
DRAINAGE AREA MAP**

**mma**  
 civil engineering surveying landscape architecture planning  
 tpeles registration number: 1-2759  
 tpeles registration/license number: 10088000  
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PROJECT NUMBER:	3788-00-01
PROJECT MANAGER:	R. CRONIN
DRAWN BY:	G. SANCHEZ
CHECKED BY:	V. ARRUDA
ISSUE DATE:	2/16/2024

REV.	DATE	DESCRIP.	BY

**DRAINAGE AREA  
MAP**

SHEET NO: **C8.0**  
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PLOTTED BY: GABRIEL SANCHEZ DATE: 2/16/2024 4:12 PM PATH: P:\3788-00\01700 Land Development\2023 Construction Documents\Drawings\Sheet\DRAINAGE AREA MAP.dwg