



**BENCHMARK:**  
 PROJECT BENCHMARK IS A STANDARD USCGS MONUMENT LOCATED AT THE SOUTHWEST CORNER OF ATCHISON TOPEKA AND SANTA FE RAILWAY TRESTLE OVER STREAM HIGHWAY AS SHOWN ON FEMA MAP 48430C105H DATED AUGUST 2, 1995 WITH AN ELEVATION OF 740.10

- LEGEND**
- PROPERTY LINE
  - - - EXISTING CONTOURS
  - - - PROPOSED CONTOUR
  - - - VALLEY
  - PROPOSED FIRE HYDRANTS
  - POWER POLE & GUY WIRE
  - SEWER LINE
  - WATER LINE
  - SEWER FORCE MAIN
  - OVERHEAD ELECTRIC LINE
  - FLOW ARROW
  - FFE FINISH FLOOR ELEVATION
  - NG NATURAL GRADE
  - EP EDGE OF PAVEMENT
  - BC TOP BACK OF CURB



REVISIONS	
#	DATE

OCC CONSTRUCTION SERVICES  
 6245 RUFFEN SPORN DRIVE,  
 FORT WORTH, TEXAS 76148  
 SEAN GUILLEN (817) 578-1188 PH  
 (817) 578-1188 FAX

**AVONDALE PLAZA**  
 1501 AVONDALE-HASLET  
 FORT WORTH, TEXAS  
 76052

**WHITWORTH ENGINEERING**  
 4705 NORTHMAIN, SUITE 100  
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**FLOOD PLAIN NOTE:**  
 ACCORDING TO THIS SURVEYOR'S INTERPRETATION OF INFORMATION SHOWN ON THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) FLOOD INSURANCE RATE MAP (FIRM), COMMUNITY PANEL NO. 48430C03 K, REVISED SEPTEMBER 20, 2009, NO PORTION OF THIS PROPERTY APPEARS TO BE WITHIN ANY SPECIAL FLOOD HAZARD AREA (SFHA) ZONE - AS DEFINED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT, FEDERAL INSURANCE ADMINISTRATION, OR THE FEDERAL EMERGENCY MANAGEMENT AGENCY.

100 YEAR FLOW AT TOP OF RETENTION POND = 783.35  
 QCAP = 751.20 CFS

ADA/TAS SLOPE REQUIREMENTS	
ACCESSIBLE WALK	<3% SLOPE
RAMP & CURB RAMP	<8.33% (1:12)
TAS PARKING & ACCESS WALK	<2% SLOPE IN ANY DIRECTION

CONTRACTOR TO ENSURE THAT GRADES ALONG ADA ROUTES MEET THESE SLOPE REQUIREMENTS

**NOTE:**  
 PARKING & ACCESSIBLE ROUTES FOR DISABLED PERSONS SHALL BE DESIGNATED, DESIGNED & CONSTRUCTED PER CITY, TAS & ADA REQUIREMENTS

**ADA BARRIER-FREE RAMP REQUIREMENTS:**  
 TEXTURE: SHALL CONSIST OF EXPOSED CRUSHED STONE AGGREGATE, ROUGHENED CONCRETE, RUBBER, RAISED ABRASIVE STRIPS, OR TRUNCATED DOMES (SEE TAS/ADS STDG FOR ADDITIONAL OPTIONS). SURFACE MUST BE DETECTABLE UNDER FOOT. SURFACES THAT ARE RAISED OR ETCHED IN A WAY THAT WOULD ALLOW WATER TO ACCUMULATE ARE PROHIBITED.  
 CONTRAST: FOR PURPOSES OF WARNING, THE FULL WIDTH AND DEPTH OF CURB RAMPS SHALL HAVE A LIGHT REFLECTIVE VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES.

The seal appearing on this document was authorized by  
 Ian Norfolk, P.E.  
 53552  
 on August 5, 2014  
 Whitworth Engineering  
 F-3973



**NOTE:**  
 CONTRACTOR TO VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION/EXCAVATION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES EXISTING UTILITIES SHOWN ON THESE PLANS ARE BASED ON COMBINATION OF FIELD SURVEY & CITY RECORD DRAWINGS

BEFORE YOU DIG CALL: 1-800-245-4545

PROJECT NO: CV14-0002  
 SHEET NUMBER: C2.0

TEXAS 811  
 TEXAS ONE CALL SYSTEM