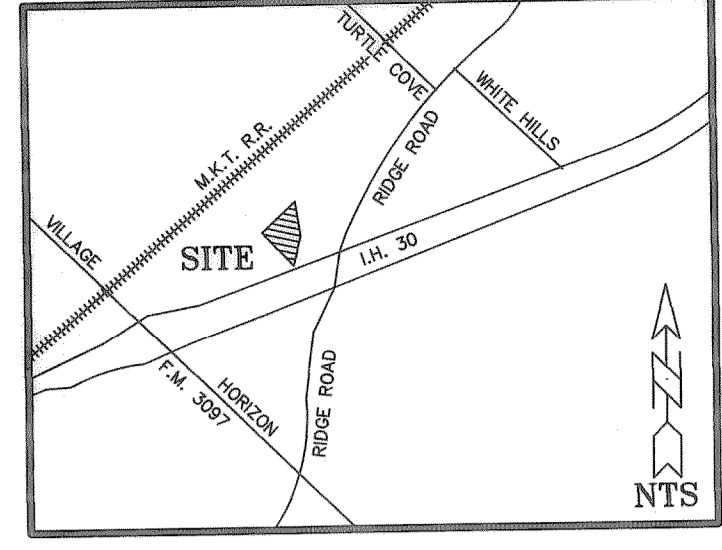
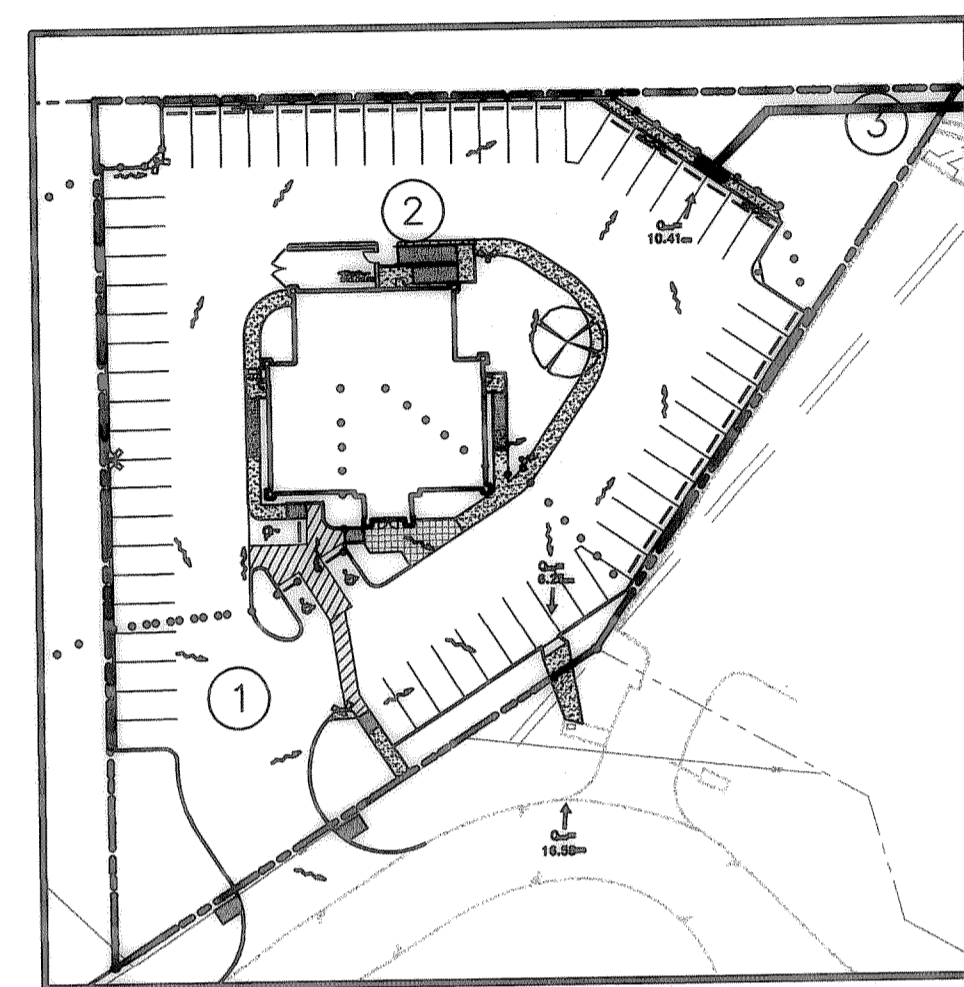


GRADING PLAN
SCALE: 1" = 20'



VICINITY MAP



DRAINAGE AREA MAP
SCALE: 1" = 60'

AREA	C runoff coefficient	I 100 rainfall intensity	A acres	Q ₁₀₀ cfs
1	0.90	9.80	0.3108	2.74
2	0.90	9.80	0.6113	5.39
3	0.90	9.80	0.0833	0.73
01	0.90	9.80	0.3985	3.51
02	0.90	9.80	0.5693	5.02
03	0.90	9.80	1.8800	16.58

DRAINAGE CHART

LEGEND

- 1 - DRAINAGE AREA NUMBER
- 5.2222 - ACREAGE
- 16.32 - Q₁₀₀ (c.f.s.)
- - DRAINAGE AREA BOUNDARY
- 629.71 - PROPOSED SPOT ELEV.
- 629.71 - PROPOSED TOP OF CURB ELEV.
- 629.21 - PROPOSED GUTTER ELEV.
- - EXISTING SPOT ELEV.
- 629 - EXISTING CONTOUR
- - - - - PROPOSED CONTOUR
- TW - TOP OF WALL ELEVATION
- TG - TOP OF GROUND ELEVATION
- TD - TOP OF DECK ELEVATION
- - DRAINAGE FLOW ARROW

FLUME WEIR CALCULATION:
 $Q = CLH^{3/2}$
 $6.25 = 3L(0.5)^{3/2}$
 $L = 5.89$
 USE STD. 6' FLUME

NO CONSTRUCTION ON BUILDING ABOVE SLAB UNTIL FIRELANE AND FIRE HYDRANT COMPLETE

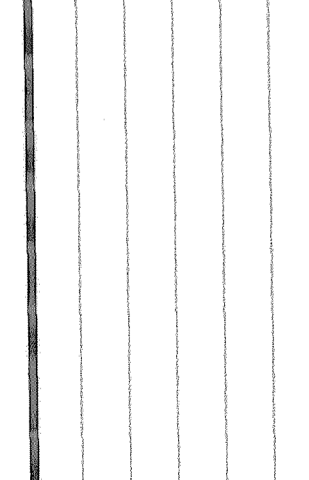
AS-BUILT
DECEMBER 6, 1997/1999

NOTE: THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THE UTILITIES ACCORDING TO THE PLANS AS APPROVED BY THE CITY OF CARROLLTON. THE ALIGNMENT AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. THE CITY OF CARROLLTON INSPECTED THE CONSTRUCTION. THE OWNER OR ENGINEER DID NOT VERIFY ALIGNMENT OR GRADES AFTER CONSTRUCTION. WE ARE NOT AWARE OF ANY CHANGES OR REVISIONS TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED.

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GRADING PLAN
 IHOP RESTAURANT - UNIT NO. 9404
 ROCKWALL, TEXAS
 IHOP RESTAURANT
 HWY. 6 @ SWEETWATER
 SUGAR LAND, TEXAS

scale: 1" = 20'
 date: MARCH 1999
 dwn by: DJA
 chkd by: MHH
 job no: 8001-62
 file: 800162LS
 date: 6/30/99(F)



revisions:
 sheet
C-3