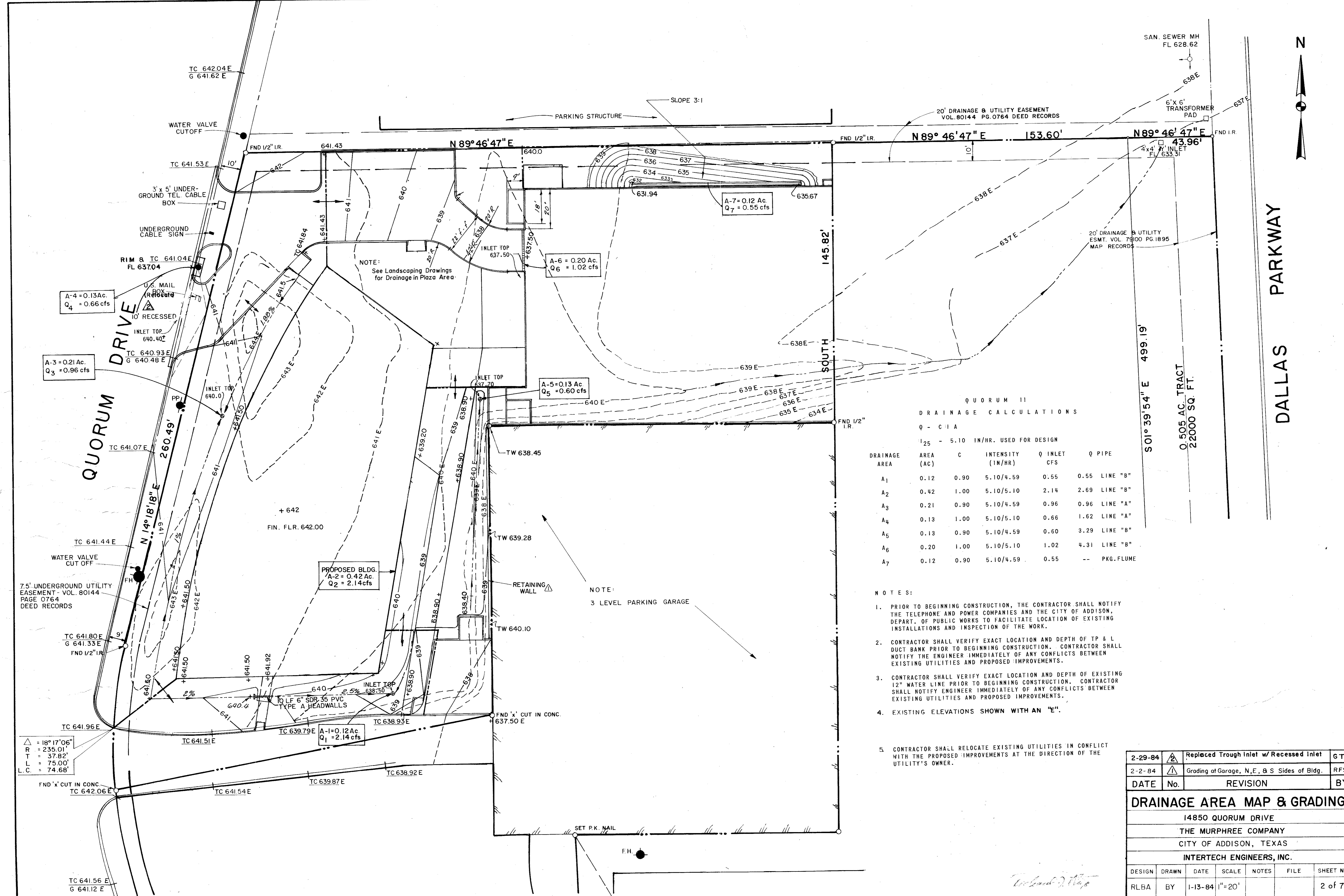
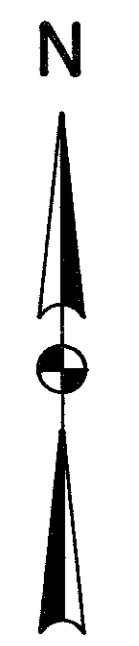


SAN. SEWER MH
FL 628.62



**QUORUM 11
DRAINAGE CALCULATIONS**

Q - C I A
I₂₅ - 5.10 IN/HR. USED FOR DESIGN

DRAINAGE AREA	AREA (AC)	C	INTENSITY (IN/HR)	Q INLET CFS	Q PIPE
A ₁	0.12	0.90	5.10/4.59	0.55	0.55 LINE "B"
A ₂	0.42	1.00	5.10/5.10	2.14	2.69 LINE "B"
A ₃	0.21	0.90	5.10/4.59	0.96	0.96 LINE "A"
A ₄	0.13	1.00	5.10/5.10	0.66	1.62 LINE "A"
A ₅	0.13	0.90	5.10/4.59	0.60	3.29 LINE "B"
A ₆	0.20	1.00	5.10/5.10	1.02	4.31 LINE "B"
A ₇	0.12	0.90	5.10/4.59	0.55	-- PKG. FLUME

NOTES:

1. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE TELEPHONE AND POWER COMPANIES AND THE CITY OF ADDISON, DEPART. OF PUBLIC WORKS TO FACILITATE LOCATION OF EXISTING INSTALLATIONS AND INSPECTION OF THE WORK.
2. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF TP & L DUCT BANK PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED IMPROVEMENTS.
3. CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING 12" WATER LINE PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED IMPROVEMENTS.
4. EXISTING ELEVATIONS SHOWN WITH AN "E".
5. CONTRACTOR SHALL RELOCATE EXISTING UTILITIES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS AT THE DIRECTION OF THE UTILITY'S OWNER.

2-29-84	△	Replaced Trough Inlet w/ Recessed Inlet	GTS
2-2-84	△	Grading at Garage, N,E, & S Sides of Bldg.	RFS
DATE	No.	REVISION	BY
DRAINAGE AREA MAP & GRADING			
14850 QUORUM DRIVE			
THE MURPHREE COMPANY			
CITY OF ADDISON, TEXAS			
INTERTECH ENGINEERS, INC.			
DESIGN	DRAWN	DATE	SCALE
RLBA	BY	1-13-84	1"=20'
NOTES	FILE	SHEET NO.	
		2 of 7	

DALLAS PARKWAY

0.505 AC. TRACT
22000 Sq. Ft.

SOUTH

△ = 18° 17' 06"
R = 235.01'
T = 37.82'
L = 75.00'
L.C. = 74.68'

NOTE:
3 LEVEL PARKING GARAGE

NOTE:
See Landscaping Drawings
for Drainage in Plaza Area.

PROPOSED BLDG.
A-2 = 0.42 Ac.
Q₂ = 2.14 cfs

A-4 = 0.13 Ac.
Q₄ = 0.66 cfs

A-3 = 0.21 Ac.
Q₃ = 0.96 cfs

A-6 = 0.20 Ac.
Q₆ = 1.02 cfs

A-5 = 0.13 Ac.
Q₅ = 0.60 cfs

A-1 = 0.12 Ac.
Q₁ = 2.14 cfs

A-7 = 0.12 Ac.
Q₇ = 0.55 cfs

FIN. FLR. 642.00

QUORUM DRIVE

QUORUM DRIVE

TC 641.56 E
G 641.12 E

SET P.K. NAIL

F.H.

Richard J. [Signature]