

- NOTES:**
1. INLET E-1, PER INTERNATIONAL HOUSE OF PANCAKES (LOT 2R, BLOCK A, PRINTEMPS ADDITION NO. 2) CONSTRUCTION PLANS WAS DESIGNED TO HANDLE 21.9 CFS. THE PROPOSED DESIGN IS 2.6 CFS.
 2. INLET E-2, PER INTERNATIONAL HOUSE OF PANCAKES (LOT 2R, BLOCK A, PRINTEMPS ADDITION NO. 2) CONSTRUCTION PLANS WAS DESIGNED TO HANDLE 14.1 CFS. THE PROPOSED DESIGN IS 4.9 CFS.
 3. INLET E-3, PER SPAGHETTI WAREHOUSE (LOT 3, BLOCK A, PRINTEMPS ADDITION NO. 2) CONSTRUCTION PLANS WAS DESIGNED TO HANDLE 1.5 CFS. THE PROPOSED DESIGN IS 2.3 CFS.
 4. 141.2 ACRES (FROM TOWN OF ADDISON CONSTRUCTION PLANS FOR BELTLINE ROAD, DATED MAY, 1980) DRAINS TO EXISTING 96" RCP USING C=0.80 (AVERAGE OF COMMERCIAL AND RESIDENTIAL) AND THE HYDRO-35/TP-40 IDF CURVE, $I_{max}=8.01$ (TC=13 MIN.) FOR 96" RCP @ BELT LINE ROAD/COMMERCIAL DRIVE INTERSECTION. BASED ON BELTLINE ROAD PLANS DATED MAY, 1980, 96" RCP HAS ENOUGH CAPACITY TO TAKE ASBURY CIRCLE RESIDENTIAL AND COMMERCIAL DRAINAGE WITHOUT DETENTION.
 5. INLET OS1, PER COMP USA PLANS, WAS DESIGNED TO HANDLE 16.9 CFS. THE PROPOSED DESIGN IS 4.1 CFS.
 6. INLET OS2, PER COMP USA PLANS, WAS DESIGNED TO HANDLE 6.3 CFS. THE PROPOSED DESIGN IS 4.9 CFS.
 7. INLET OS3 PER SPAGHETTI WAREHOUSE, INC. CONSTRUCTION PLANS WAS DESIGNED TO HANDLE 8.8 CFS. THE PROPOSED DESIGN IS 7.4 CFS.
 8. INLET OS4 PER SPAGHETTI WAREHOUSE, INC. CONSTRUCTION PLANS WAS DESIGNED TO HANDLE 10.9 CFS. THE PROPOSED DESIGN IS 10.8 CFS.

STREET CAPACITY CALCULATIONS

293.0 \sqrt{S} = to top of curb.

ALLEY CAPACITY CALCULATIONS

171.5 \sqrt{S} = Edge of pavement

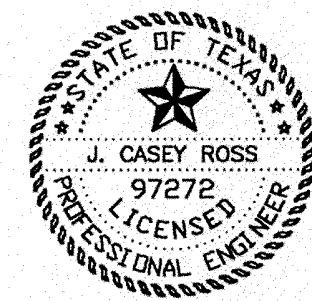
Legend

- A Drainage Area
- 4.32 Acreage
- 17.8 Flow (cfs)
- Flow Direction
- Drainage Divide
- 619--- Exist. Contour
- T0 Proposed Inlet
- A Block Number

BENCHMARKS:
 CITY OF ADDISON BENCHMARK NO. 13:
 SQUARE CUT ON THE BACK OF CURB AT THE CENTER OF AN INLET
 AT THE SOUTHEAST CORNER OF BELTLINE ROAD AND SURVEYOR
 BOULEVARD.
 ELEVATION = 594.94'

CITY OF ADDISON BENCHMARK NO. 18:
 SQUARE CUT ON COSERV ELECTRIC VAULT AT THE NORTHEAST
 CORNER OF BELTLINE ROAD AND MIDWAY ROAD.
 ELEVATION = 627.93'

THESE CONSTRUCTION PLANS WERE PREPARED
 UNDER THE RESPONSIBLE SUPERVISION OF
 CASEY ROSS, LICENSED PROFESSIONAL ENGINEER
 NO. 97272
Casey Ross 9/25/07



NO.	DATE	BY	REVISION

DRAINAGE AREA MAP
ASBURY CIRCLE

TOWN OF ADDISON
 DALLAS COUNTY, TEXAS

DOWDEY, ANDERSON & ASSOCIATES, INC.
 5225 Village Creek Drive, Suite 200 Plano, Texas 75093 972-931-0694

DESIGN	DRAWN	CHECKED	DATE	SCALE	JOB	SHEET
AR	AR	JCR	10/16/06	1" = 50'	06010	1 / 2