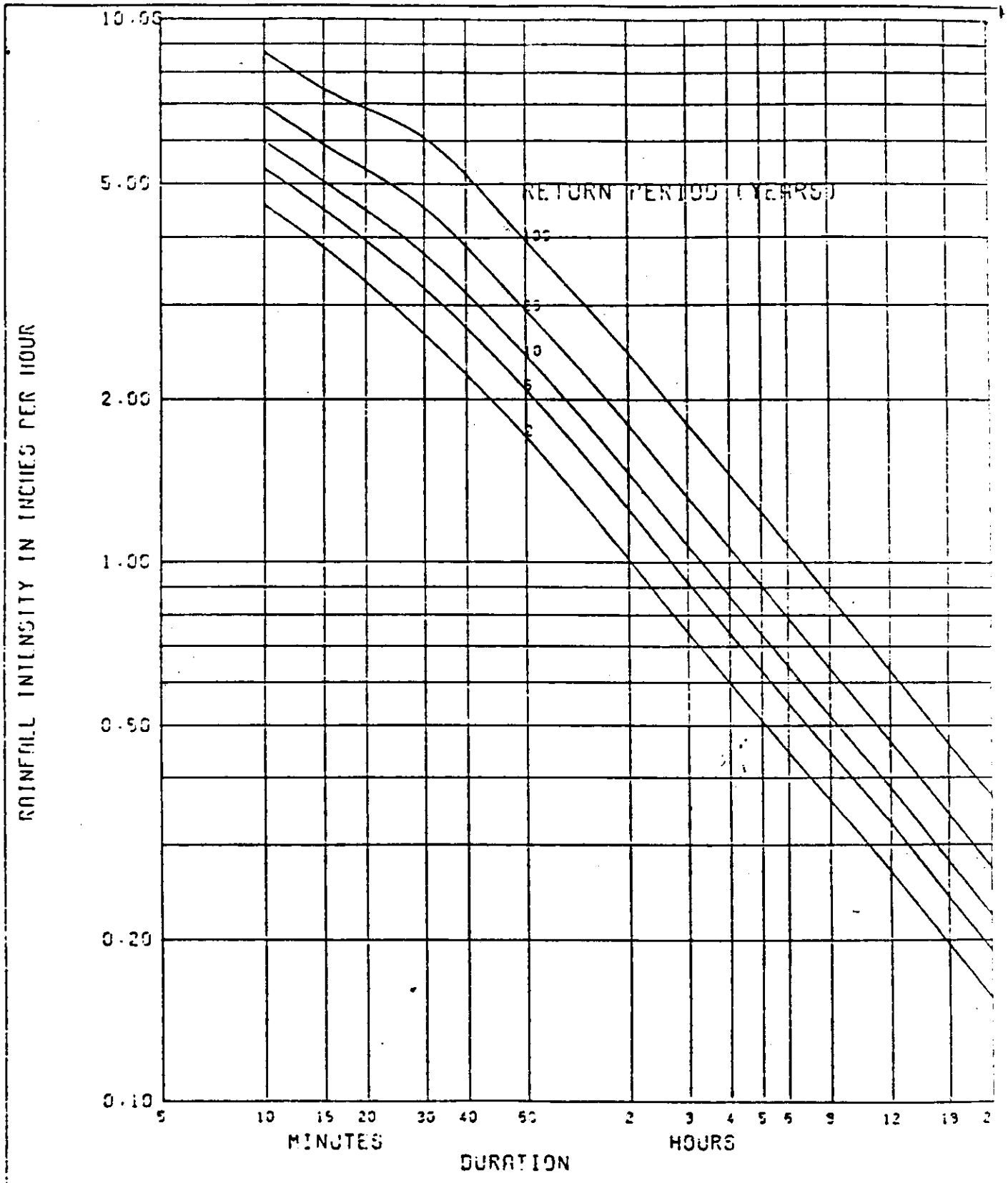


LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

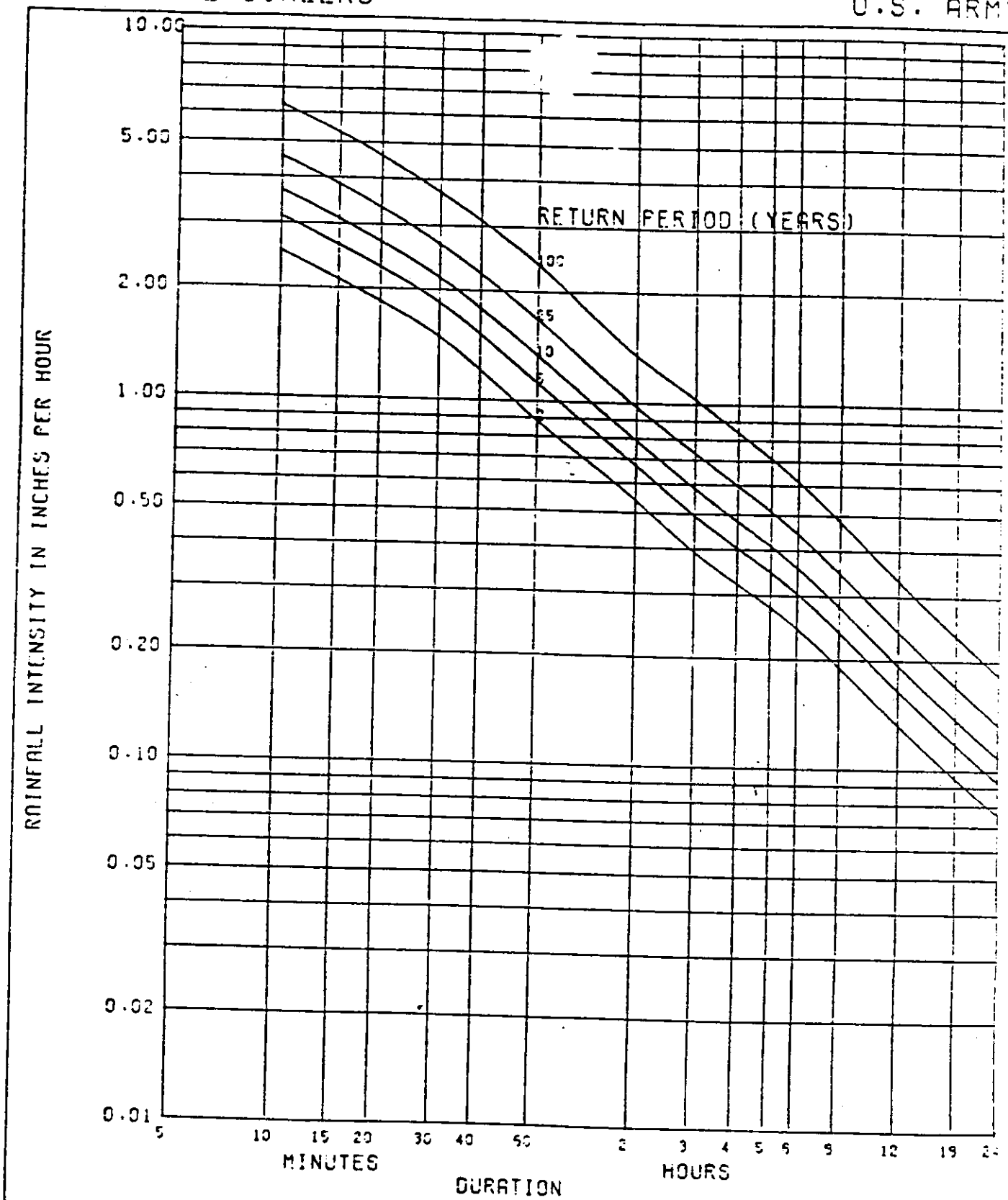
ABILENE, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION II-
MANUAL OF DECEMBER 1950

PLATE B-1



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

ALAMOGORDO, NEW MEXICO

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

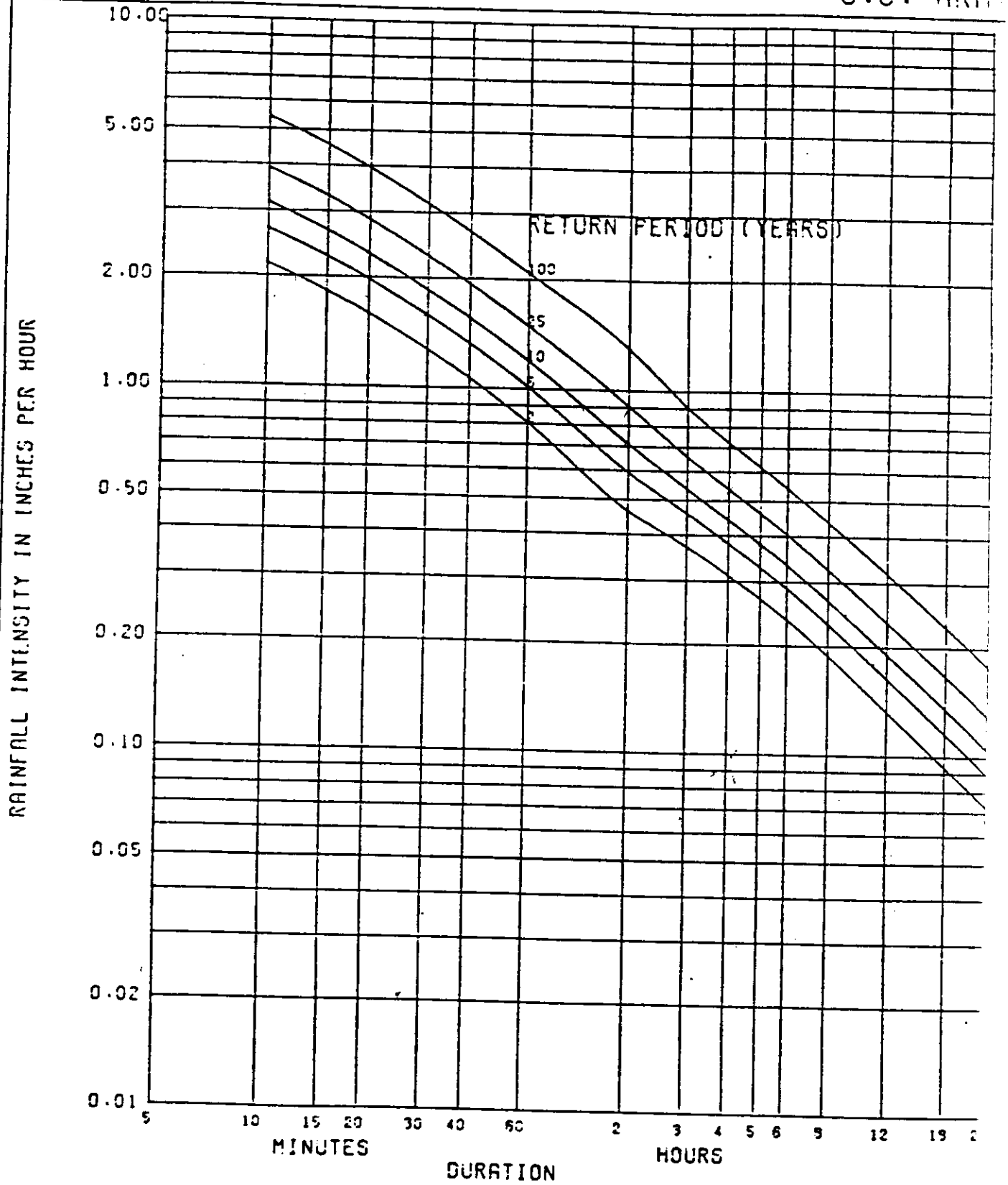
TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1960

II

PLATE B-2

CORPS OF ENGINEERS

U.S. ARMY



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

ALBUQUERQUE, NEW MEXICO

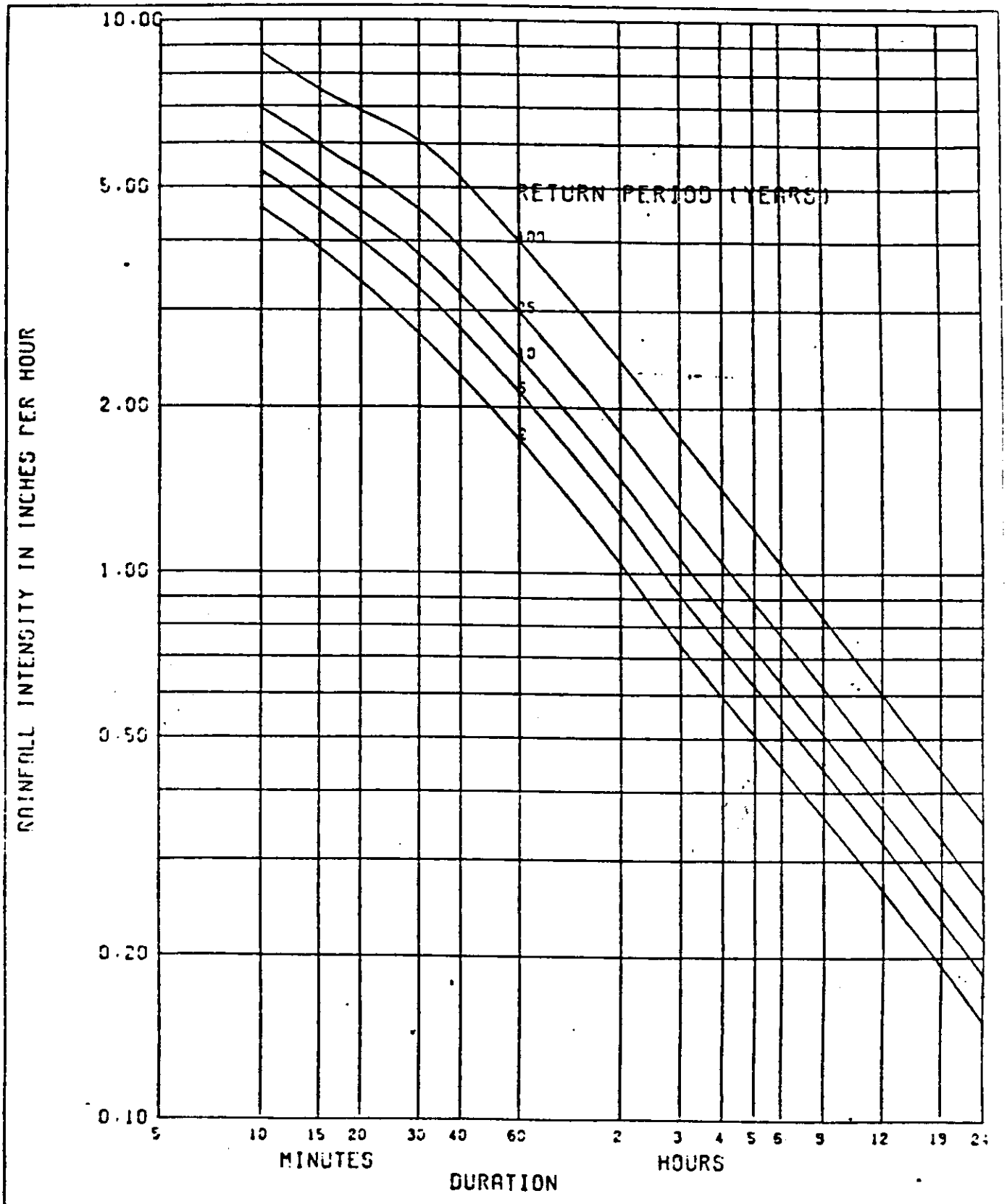
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II

PLATE B-3



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

ALTUS, OKLAHOMA

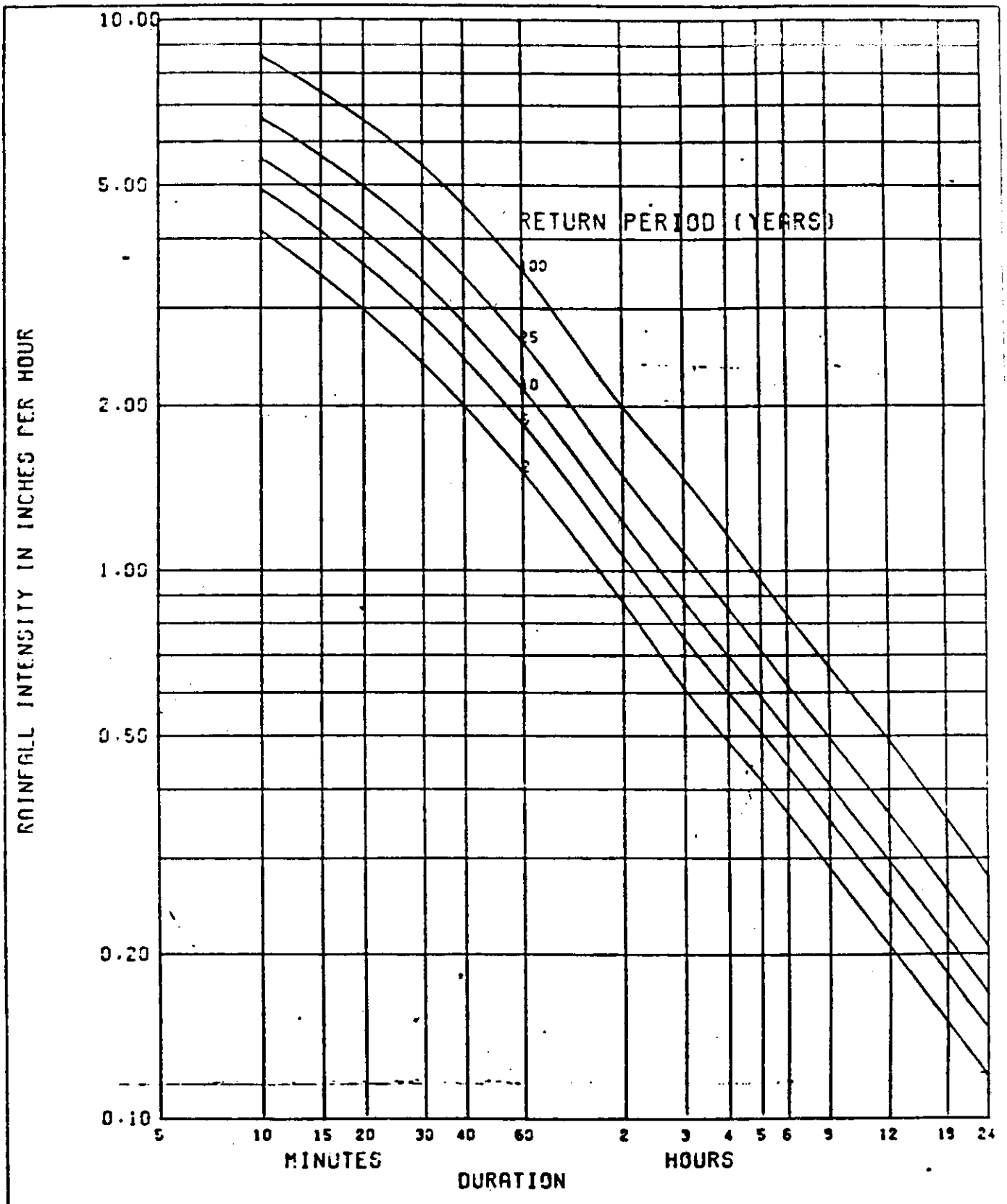
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II

PLATE B-4



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONMENT
25 YR	CANTONMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

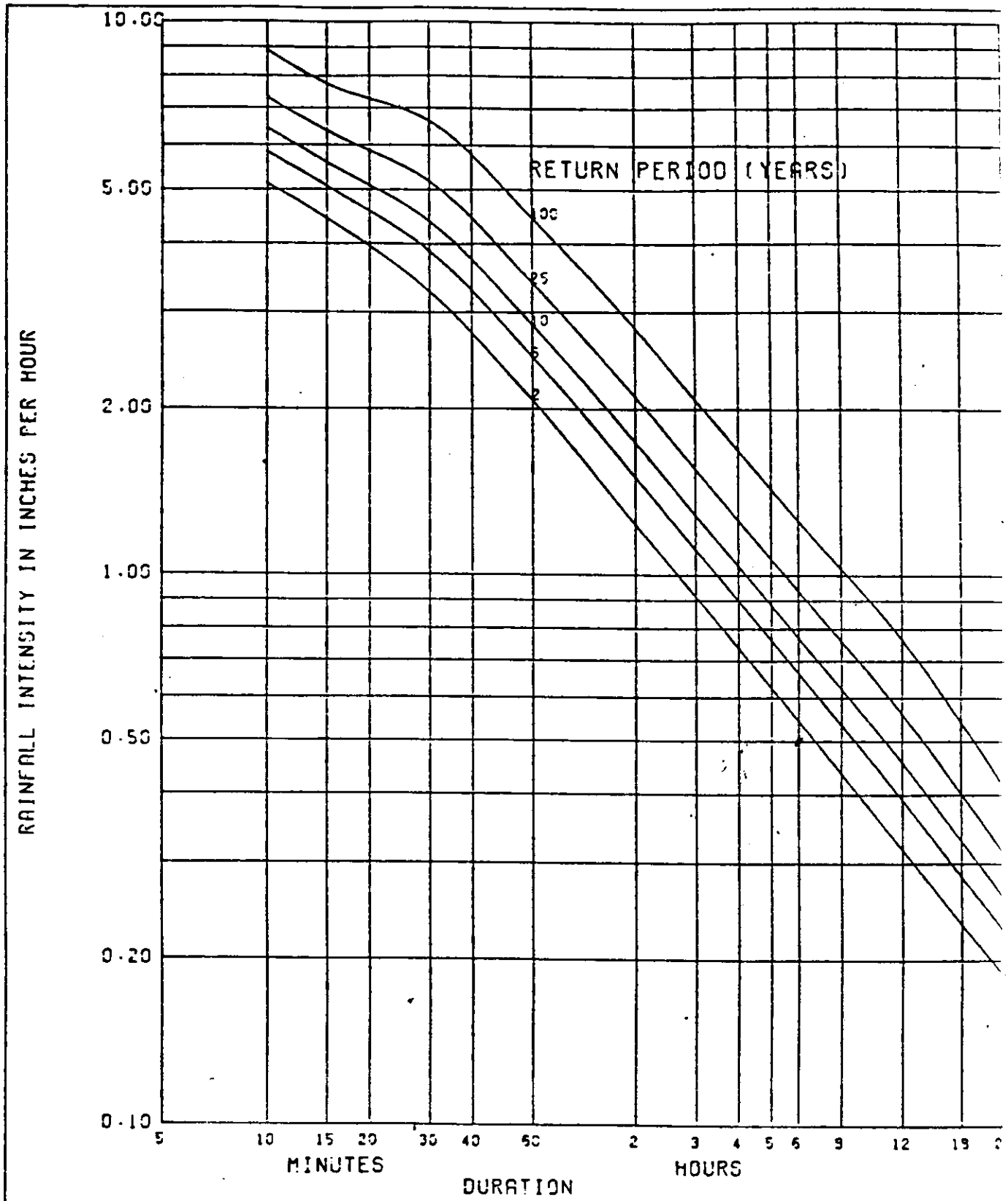
AMARILLO, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980

PLATE B-5



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

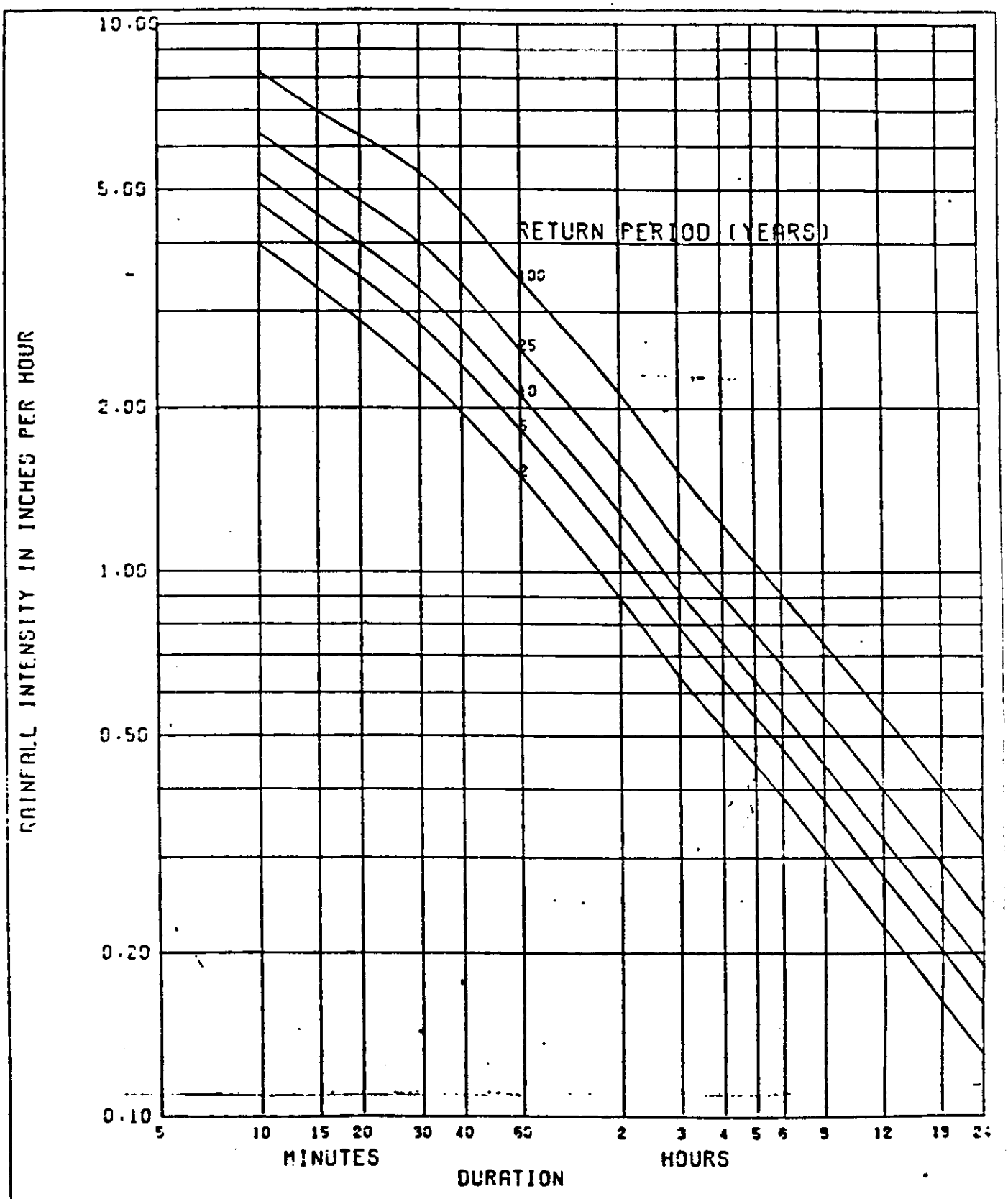
RAINFALL INTENSITY DURATION FREQUENCY CURVES

AUSTIN, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1960 II.



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONMENT
25 YR	CANTONMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

BIG SPRINGS, TEXAS

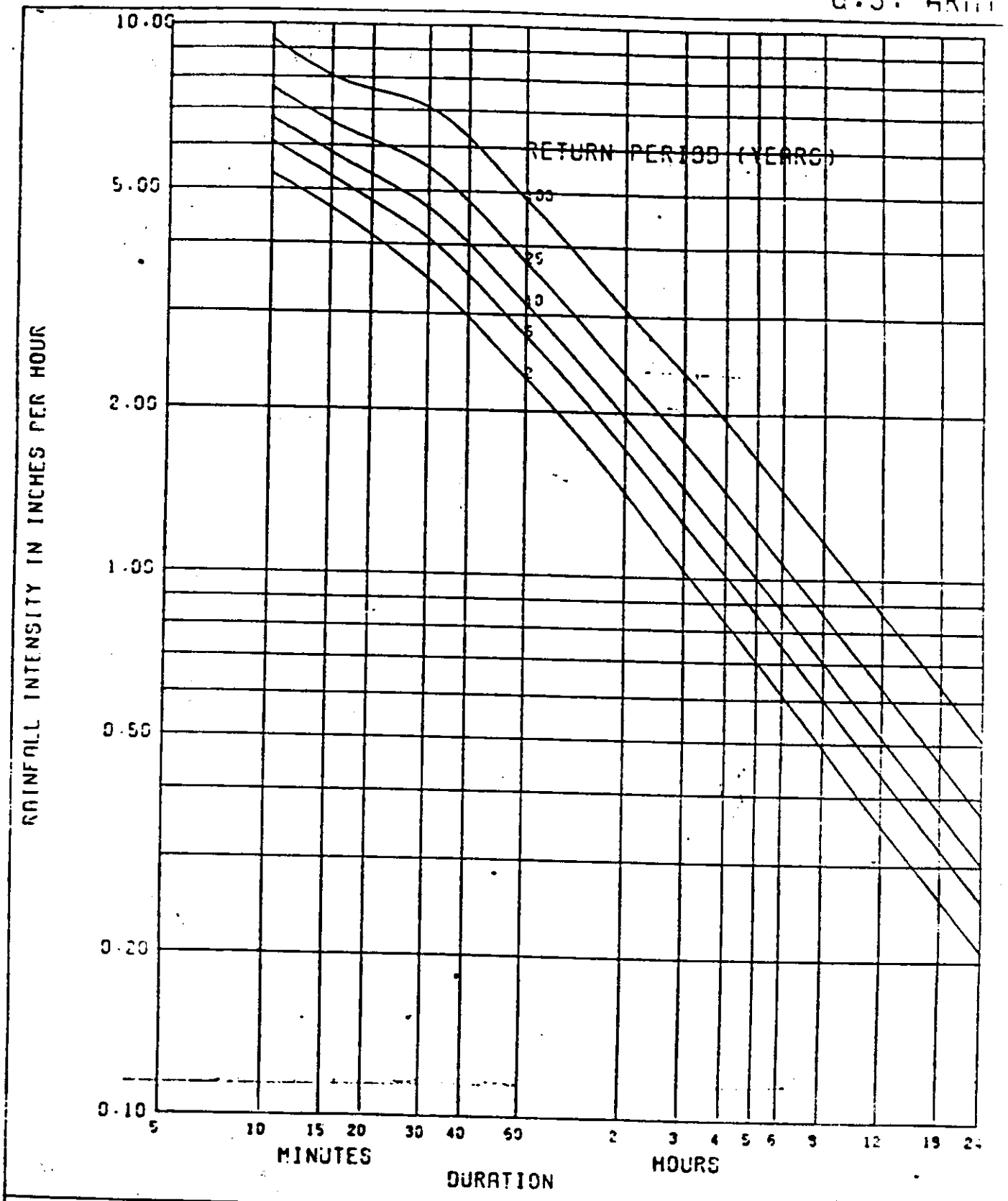
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980

II

PLATE B-7



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

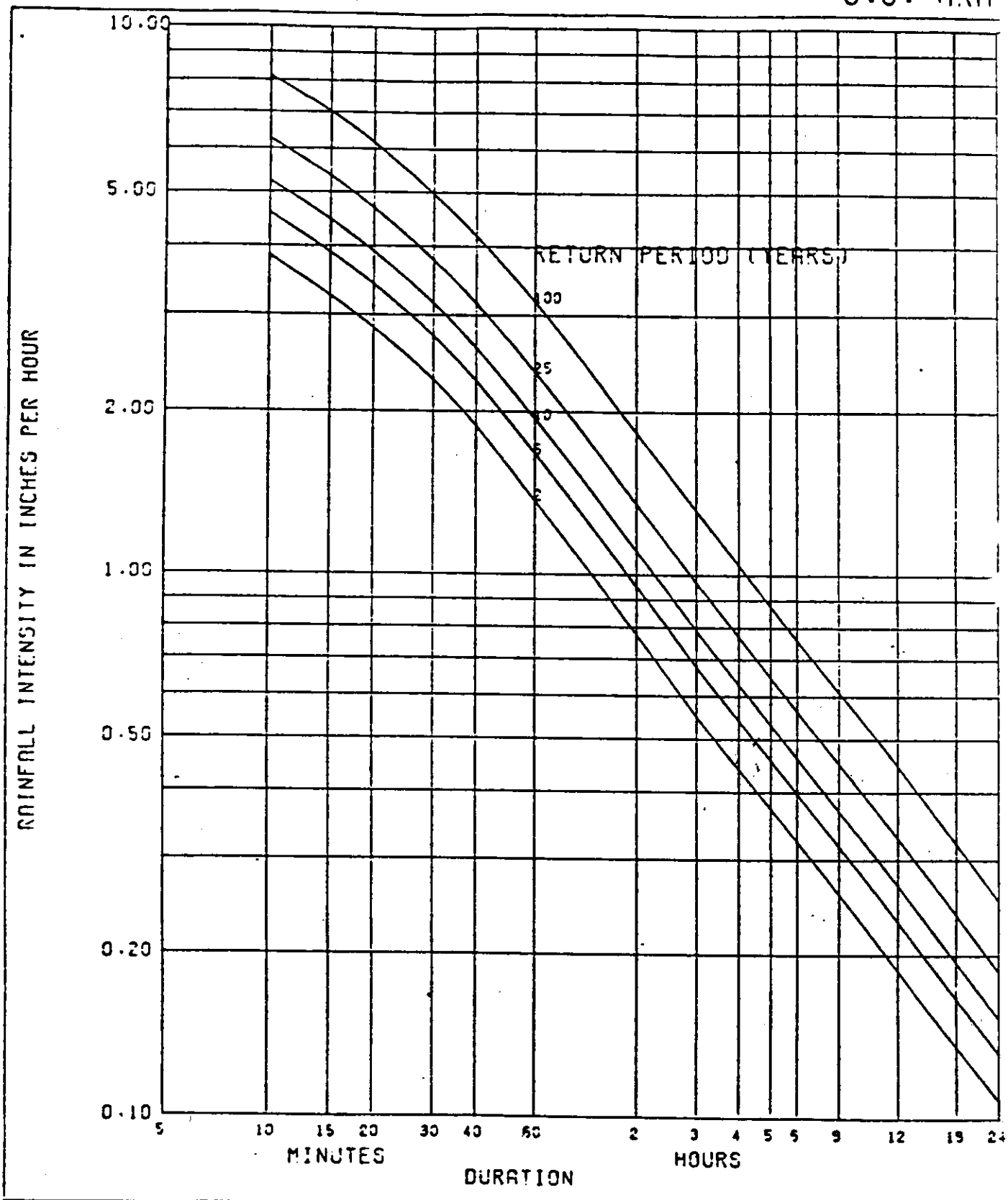
BROWNSVILLE, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980

PLATE I-8



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

CLOVIS, NEW MEXICO

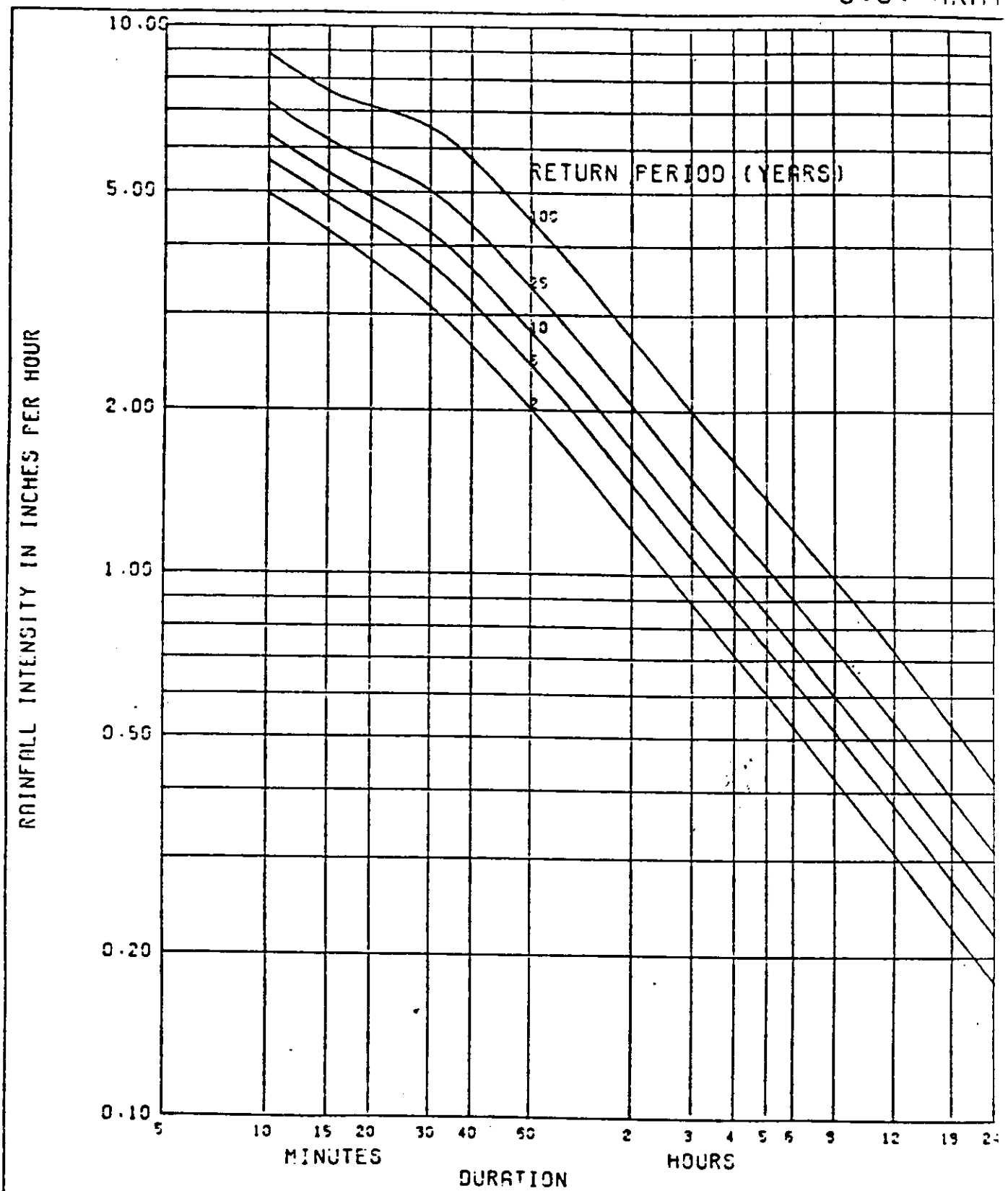
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1960

II-

PLATE B-9



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

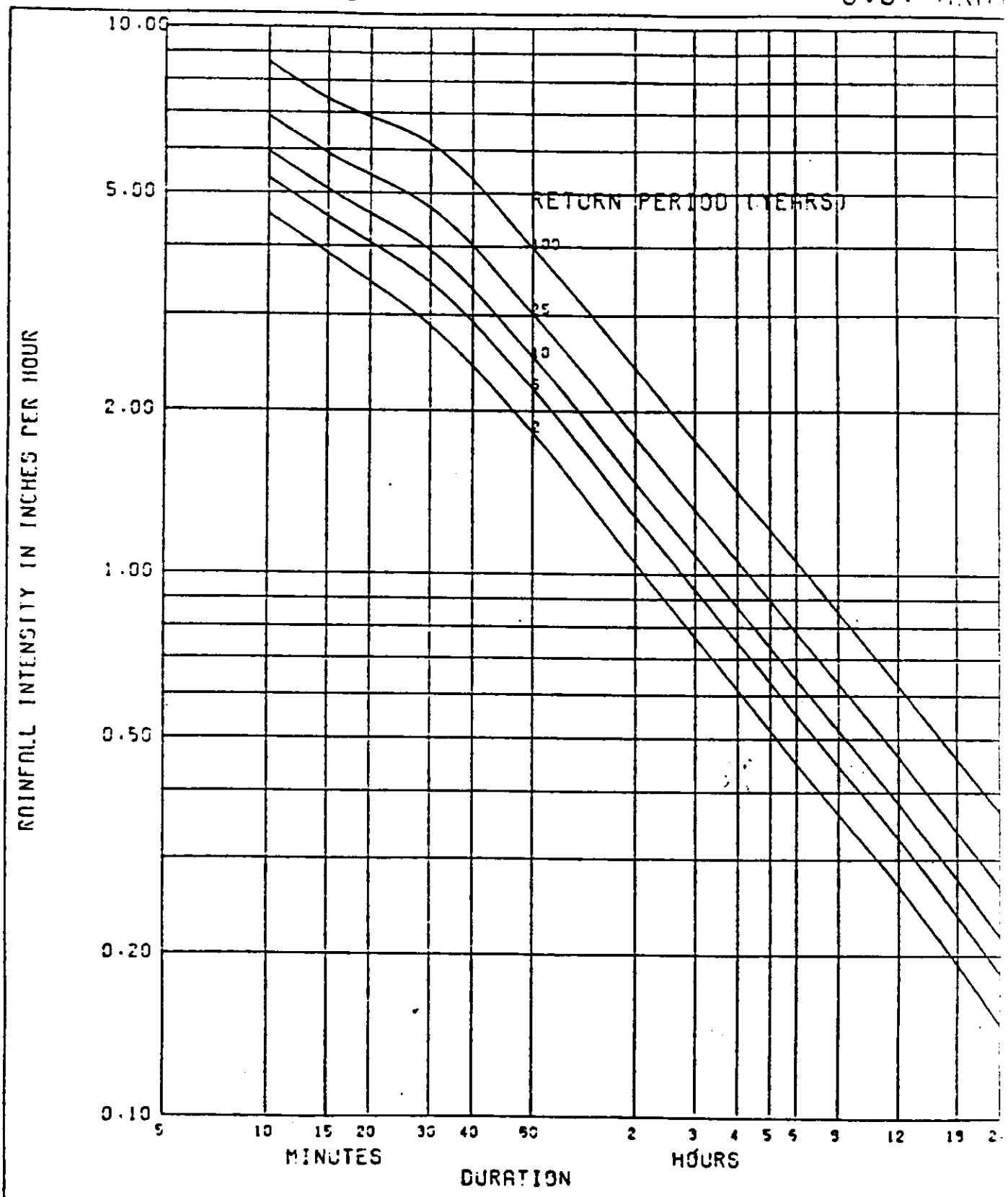
DALLAS, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1960

PLATE II-B-10



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

DEL RIO, TEXAS

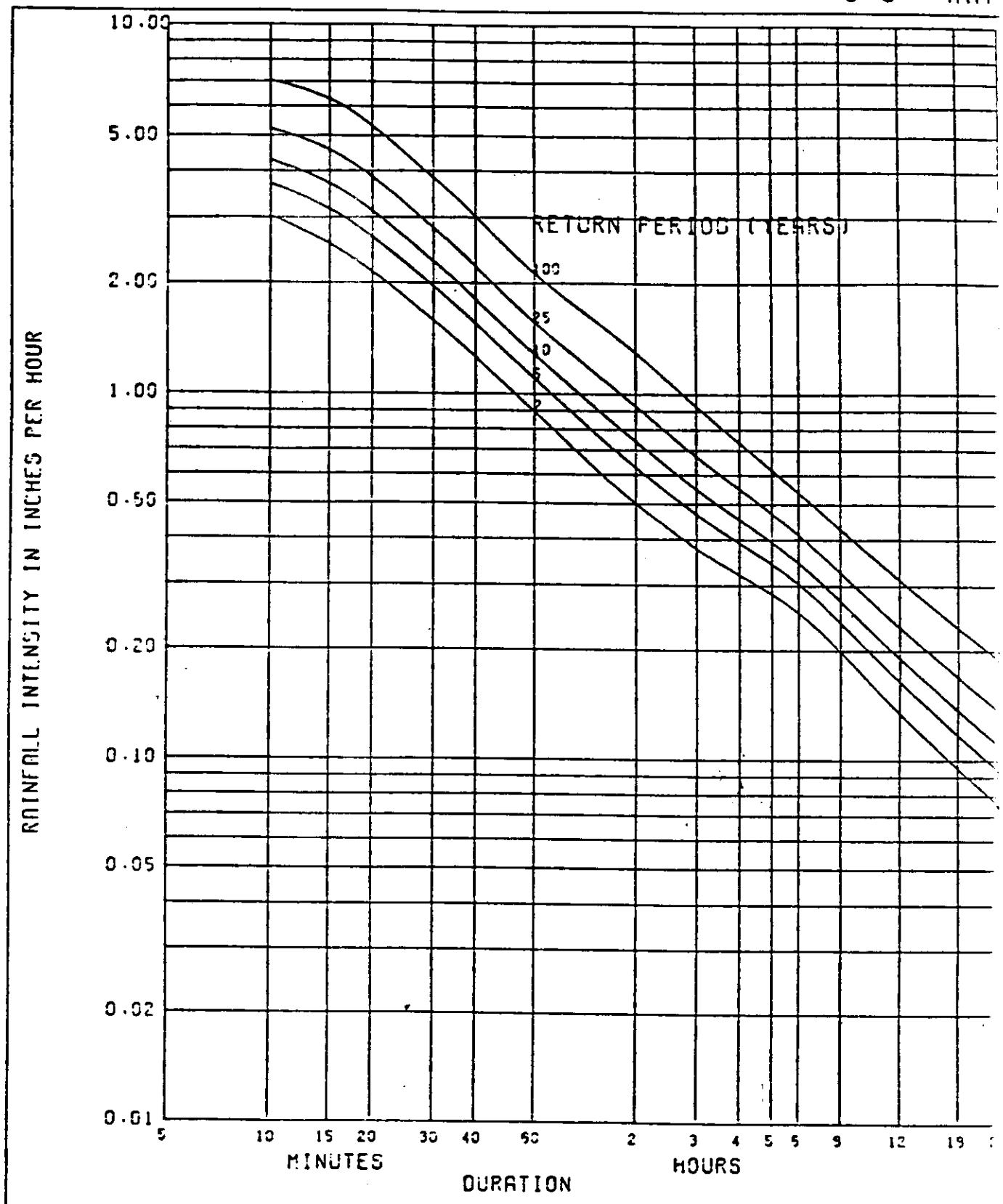
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II-

PLATE B-11



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

ELPASO, TEXAS

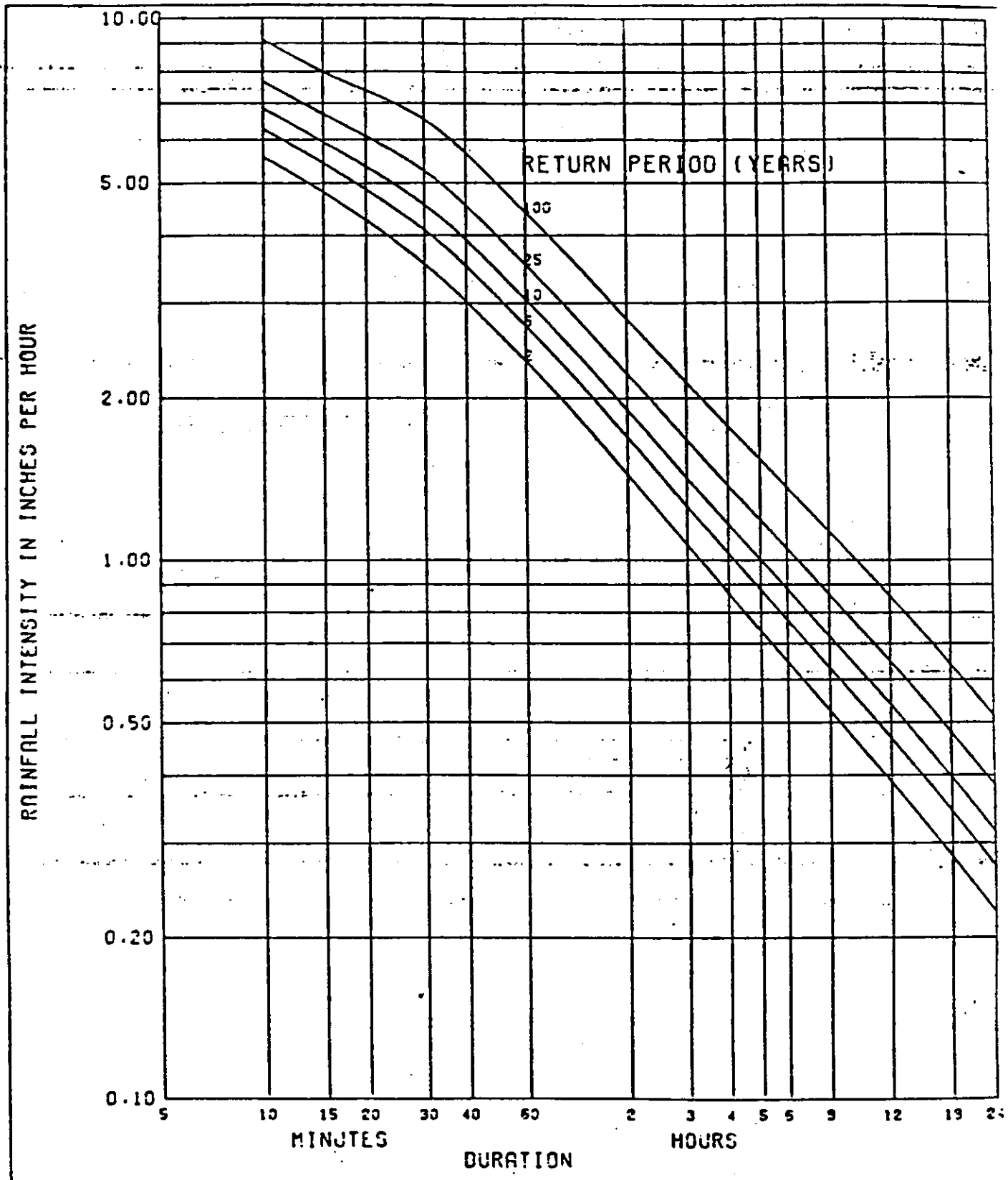
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II-

PLATE B-12



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONMENT
25 YR	CANTONMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

FORT POLK, LOUISIANIA

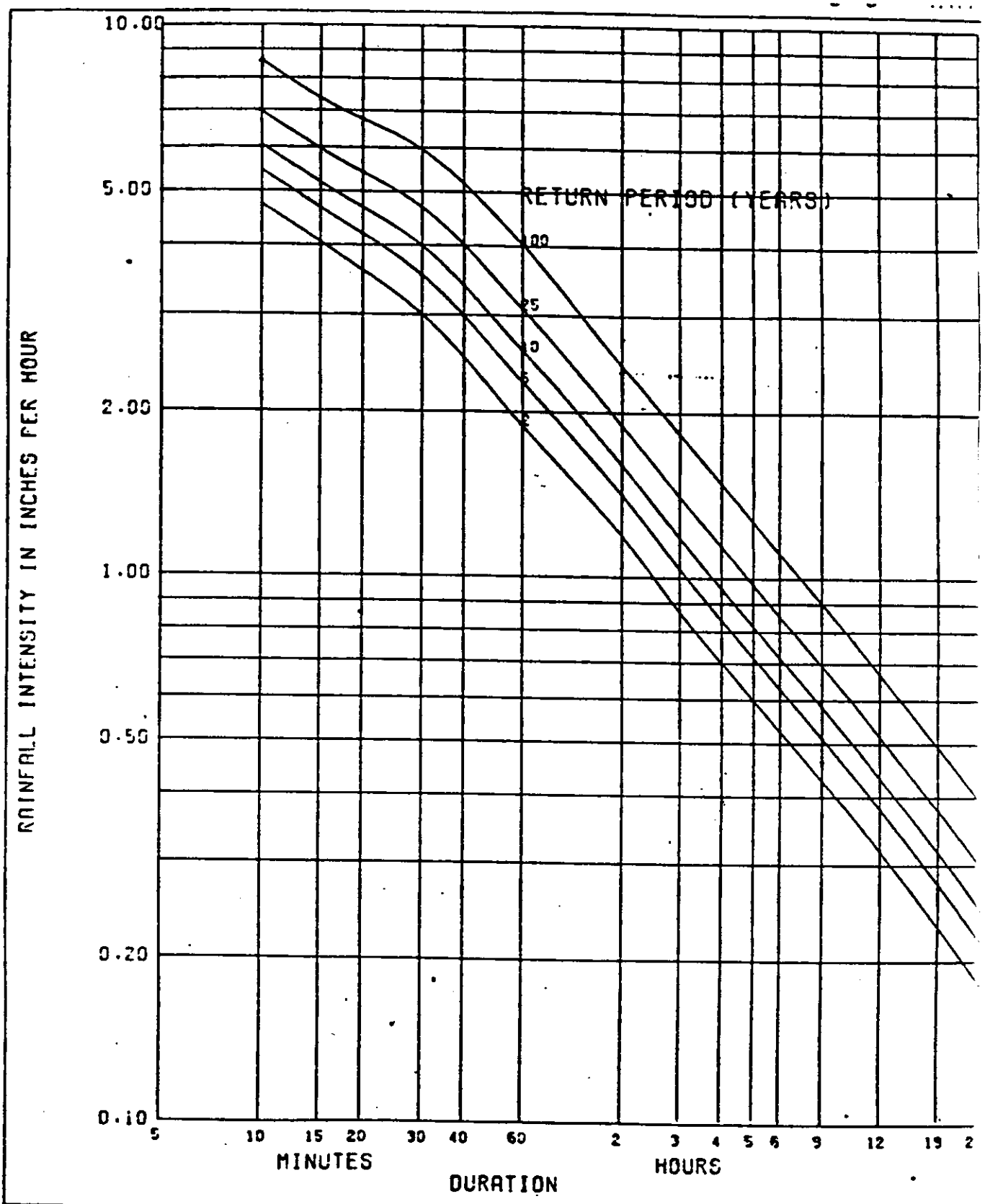
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1930

II-

PLATE B-13



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

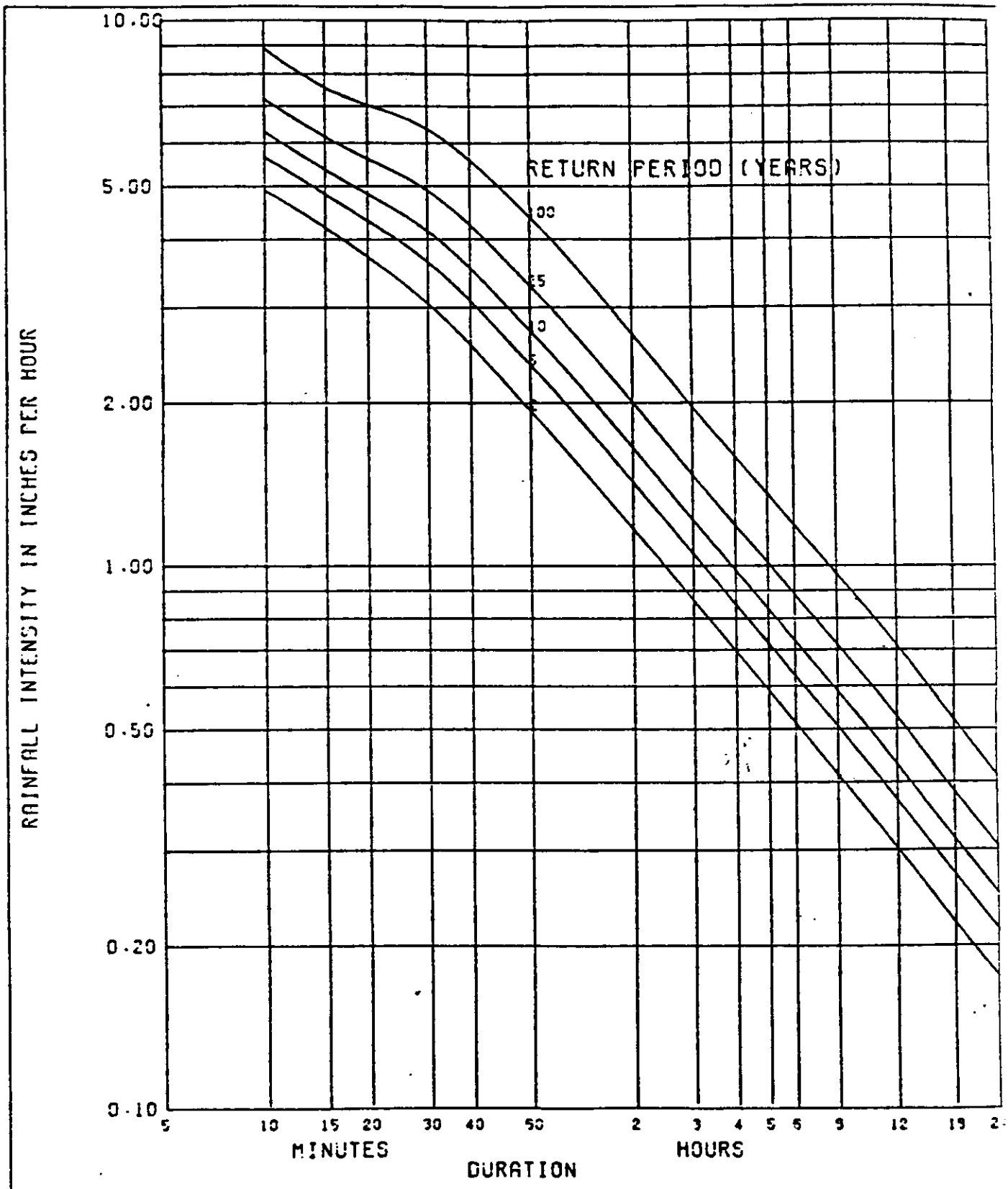
RAINFALL INTENSITY DURATION FREQUENCY CURVES

FORT SMITH, ARKANSAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

FORT WORTH, TEXAS

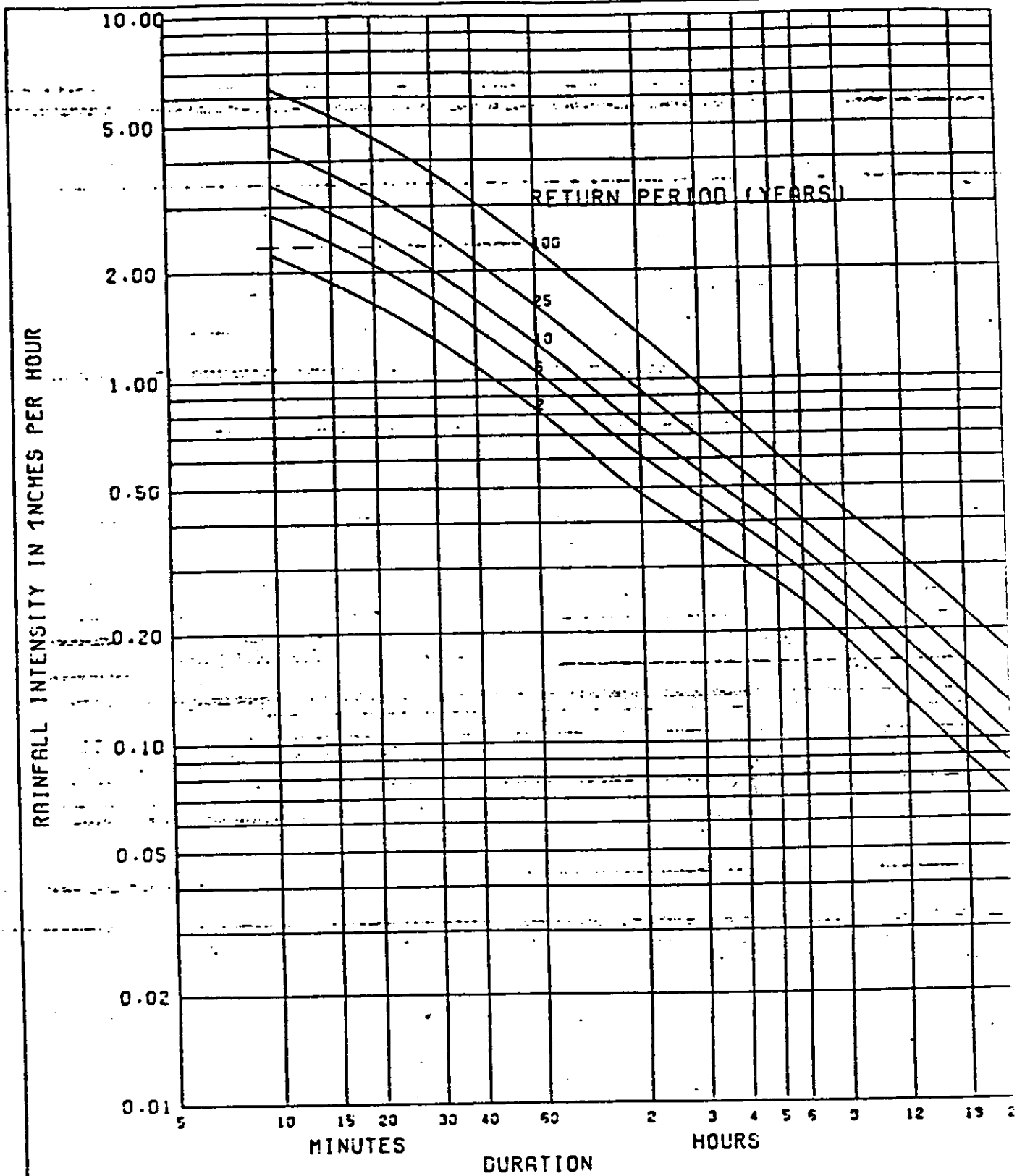
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1960

II-B-15

PLATE



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

GALLUP, NEW MEXICO

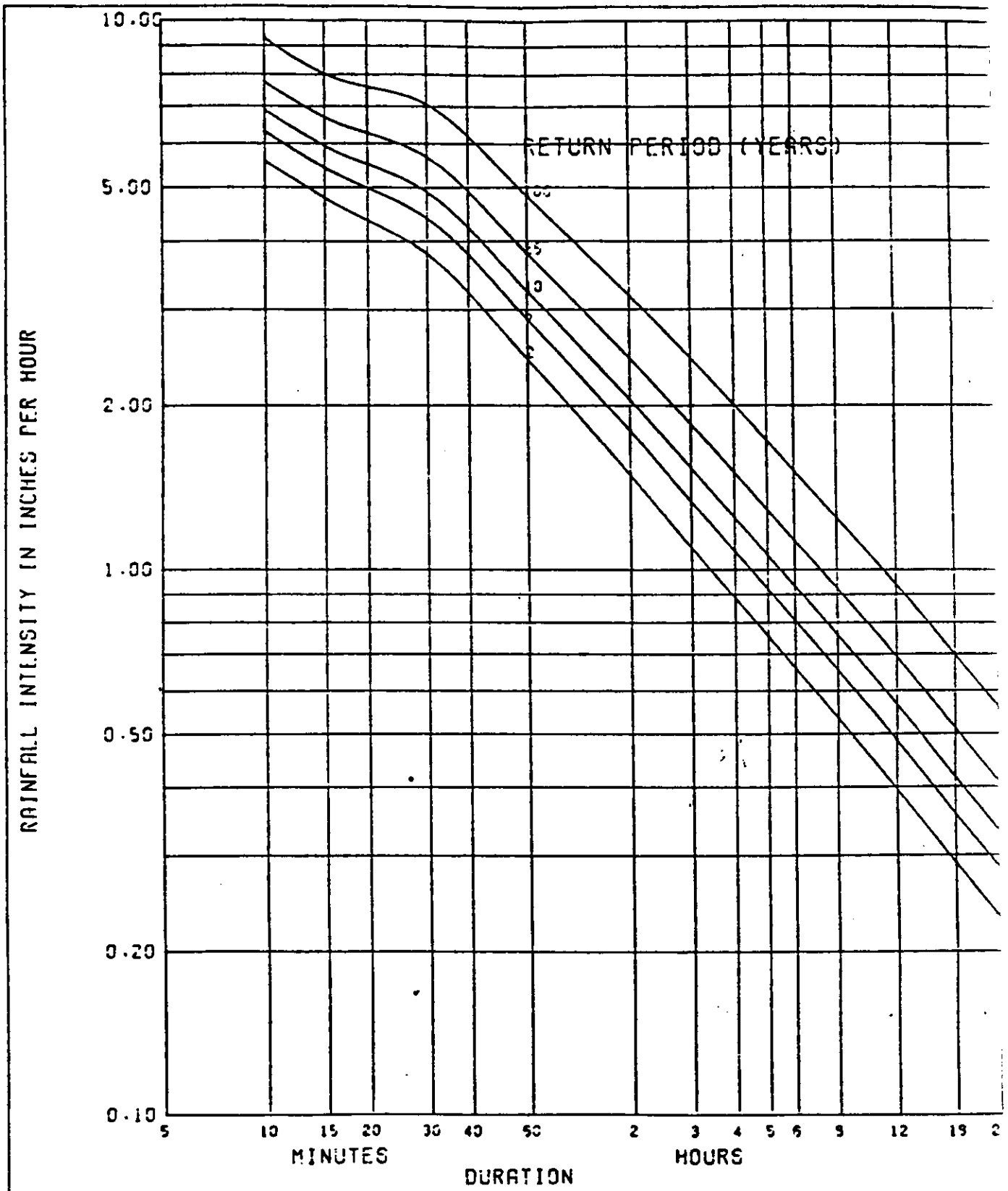
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980

II-B-16

PLATE



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

HOUSTON, TEXAS

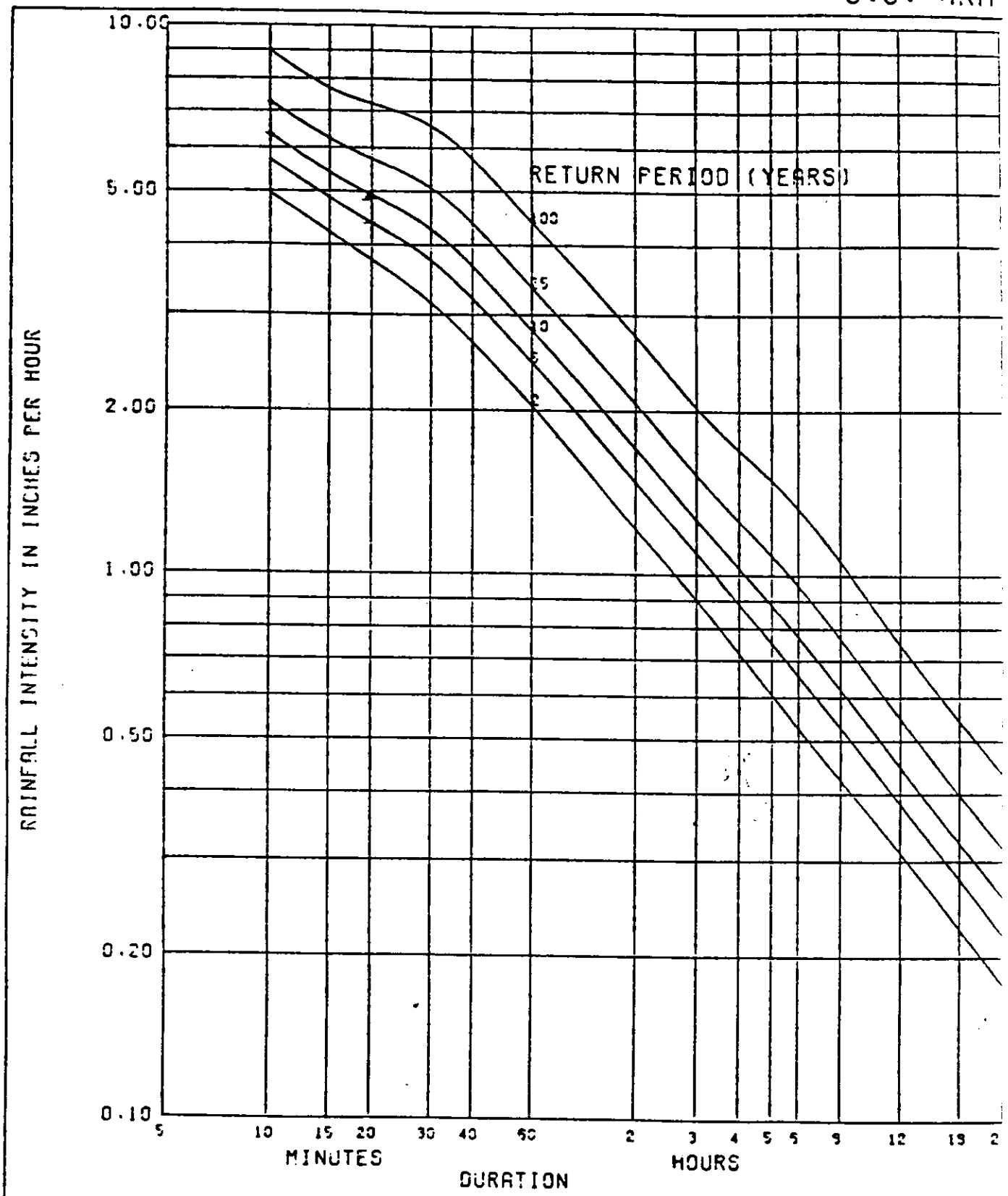
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II-

PLATE B-17



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

KILLEEN, TEXAS

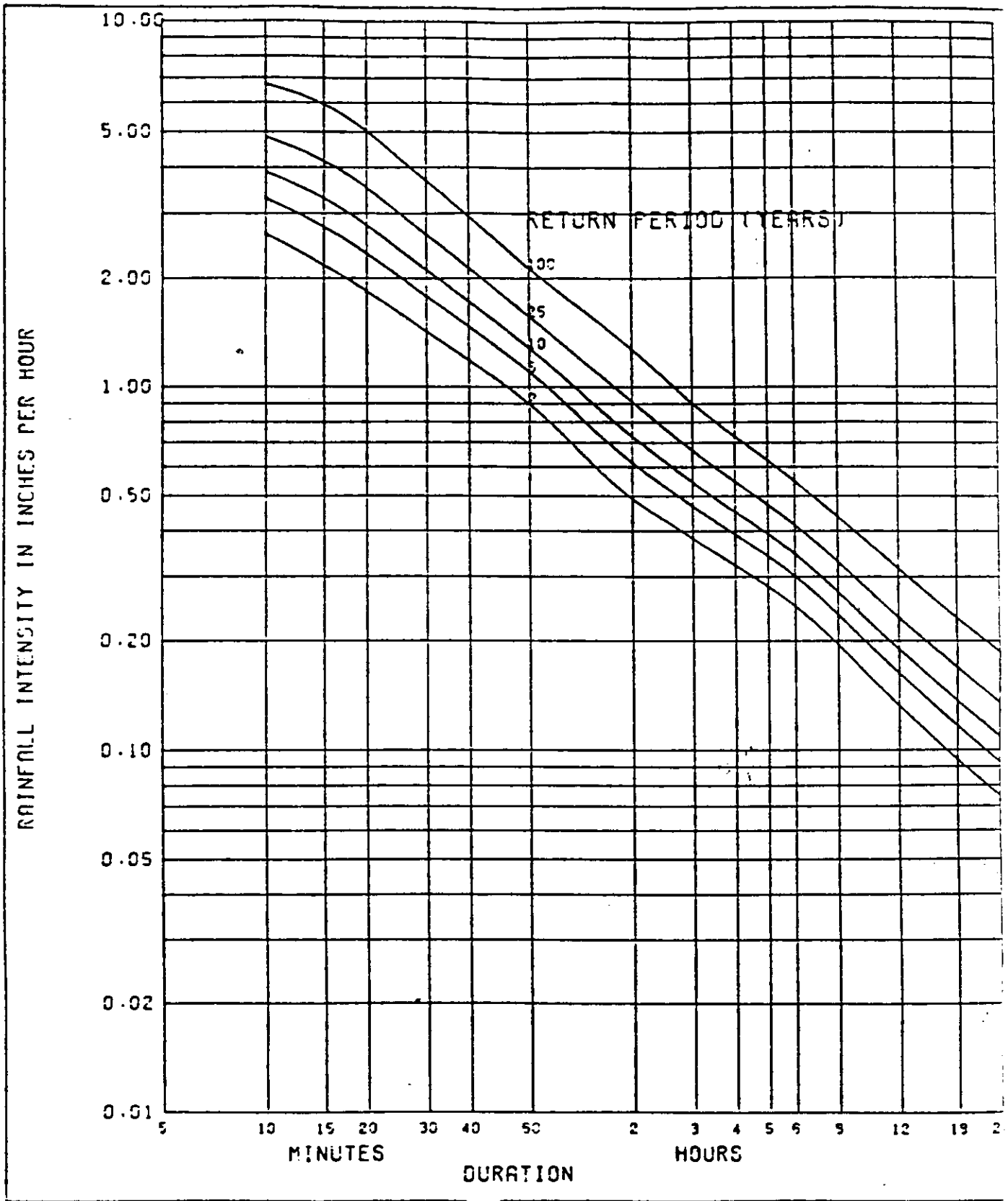
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II-

PLATE B-18



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

LAS CRUCES, NEW MEXICO

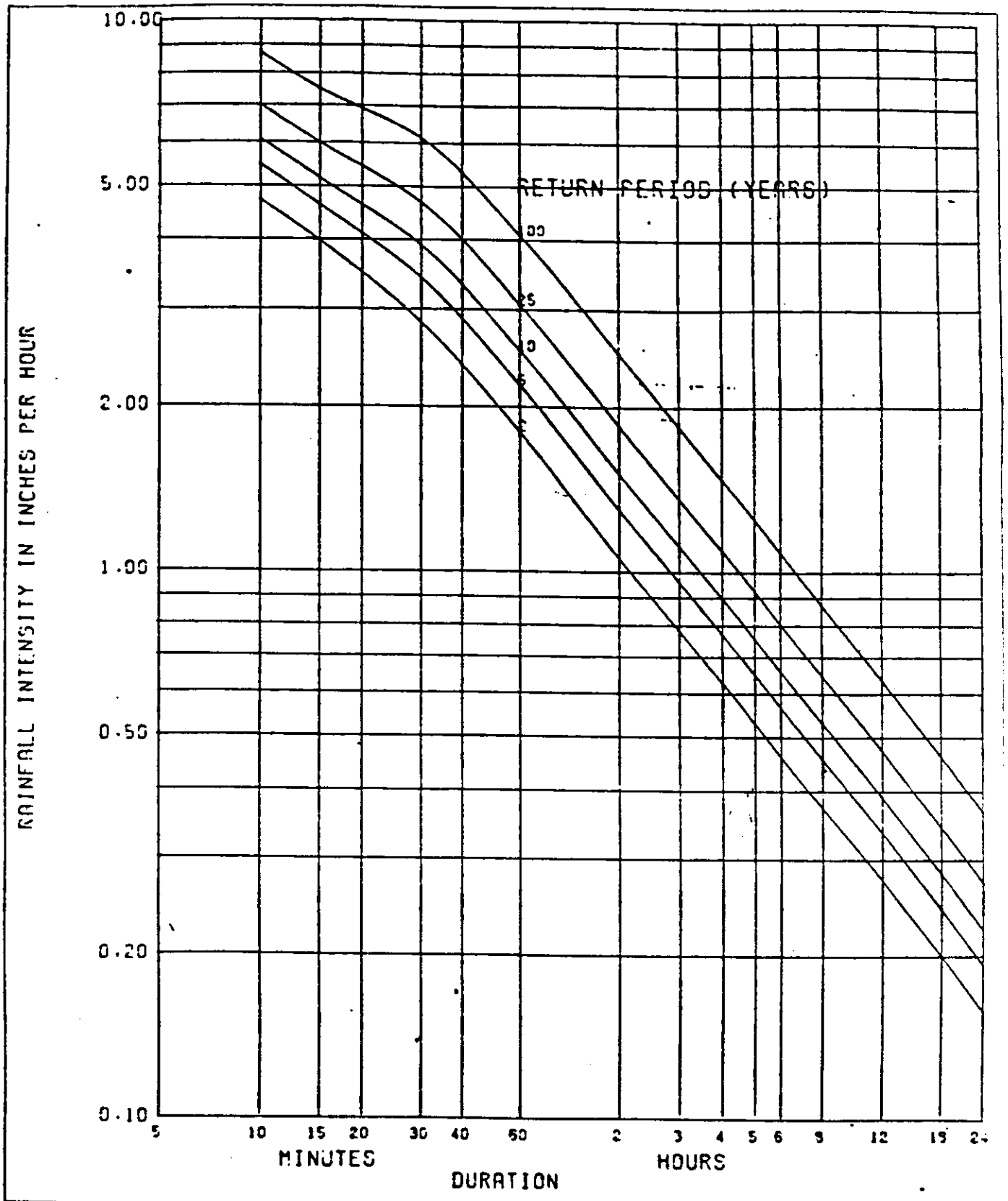
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990

II-

PLATE B-19



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

LAWTON, OKLAHOMA

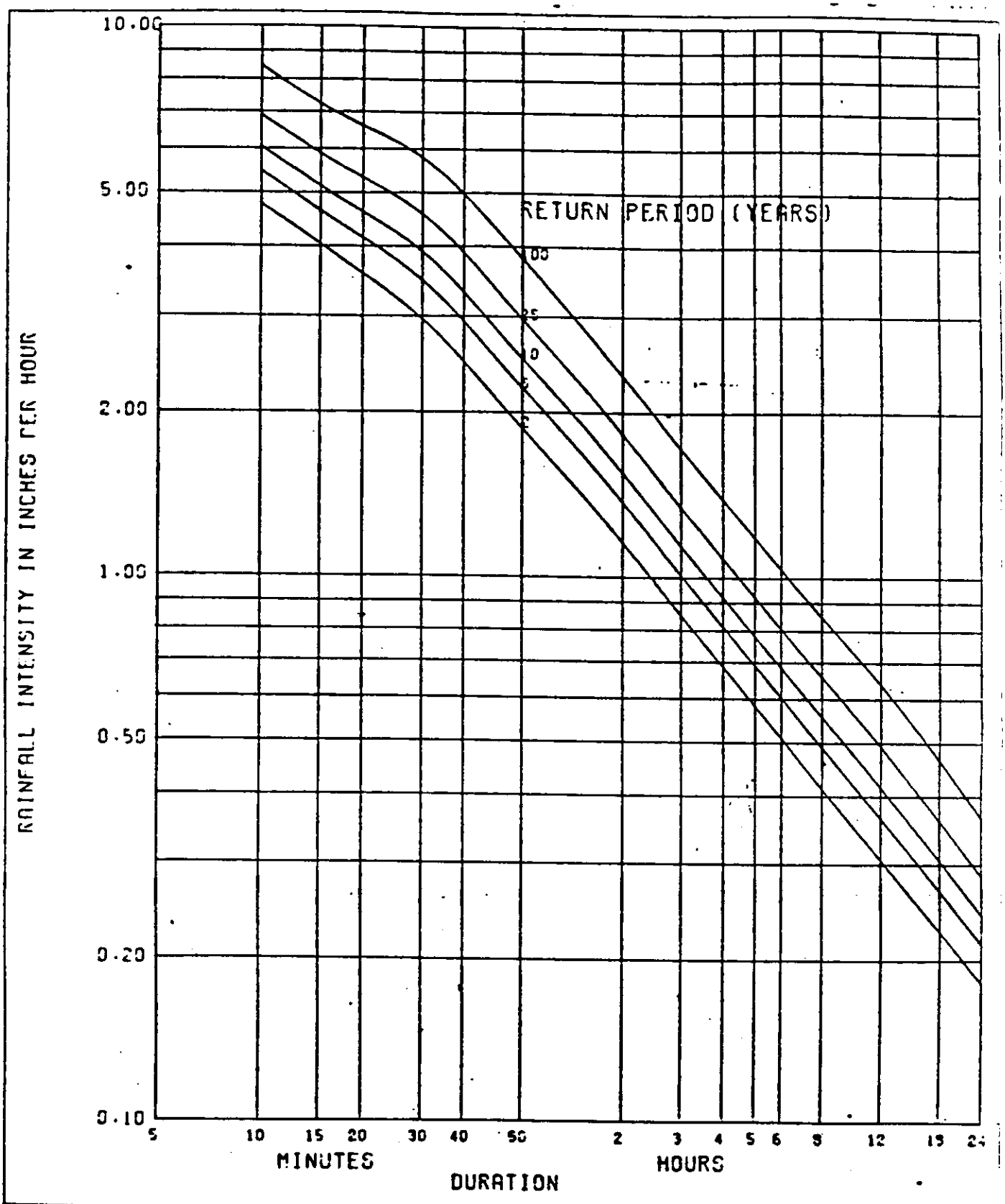
BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980

II

PLATE B-20



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

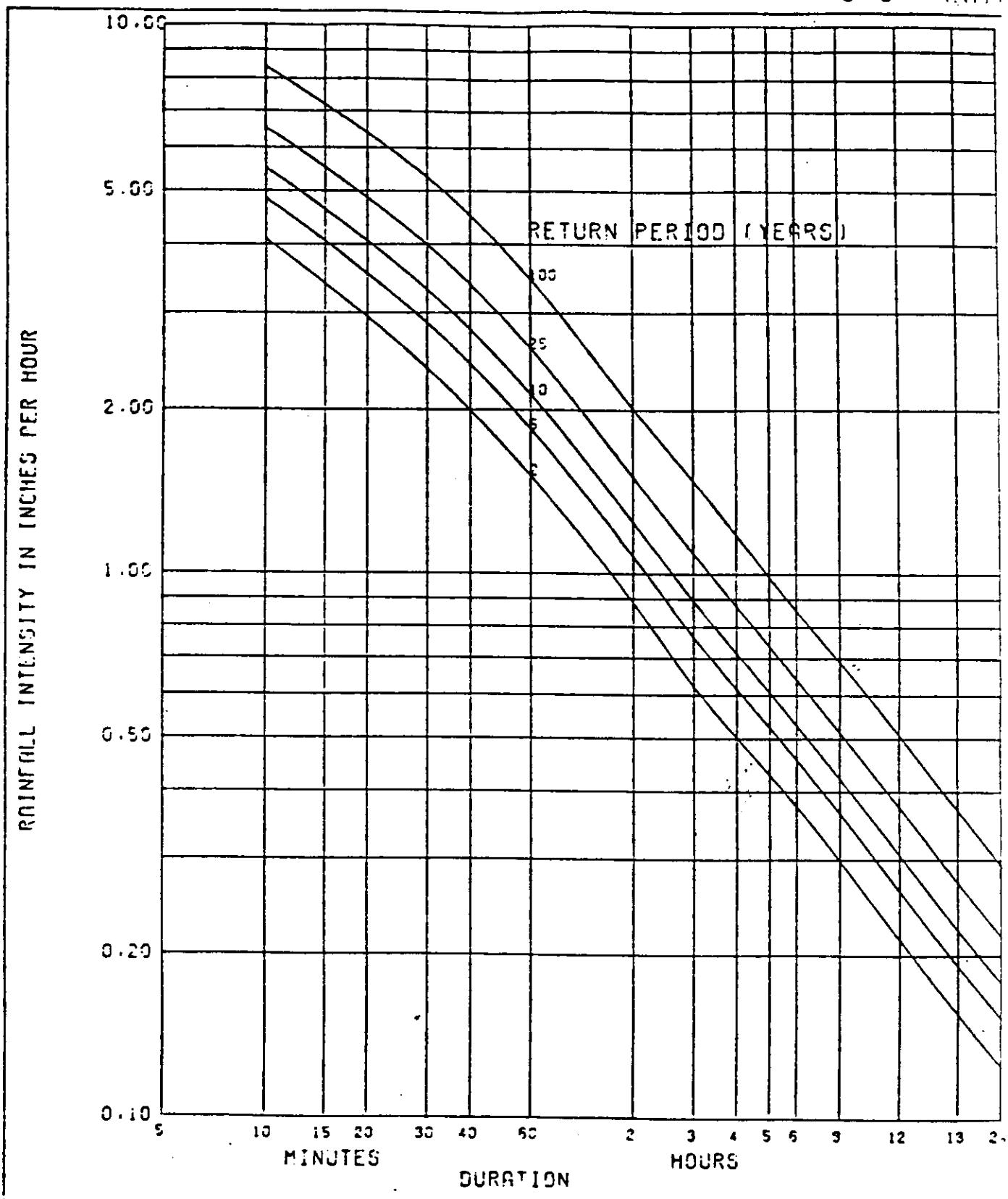
LITTLE ROCK, ARKANSAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL, DC DECEMBER 1980

PLATE D-21



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

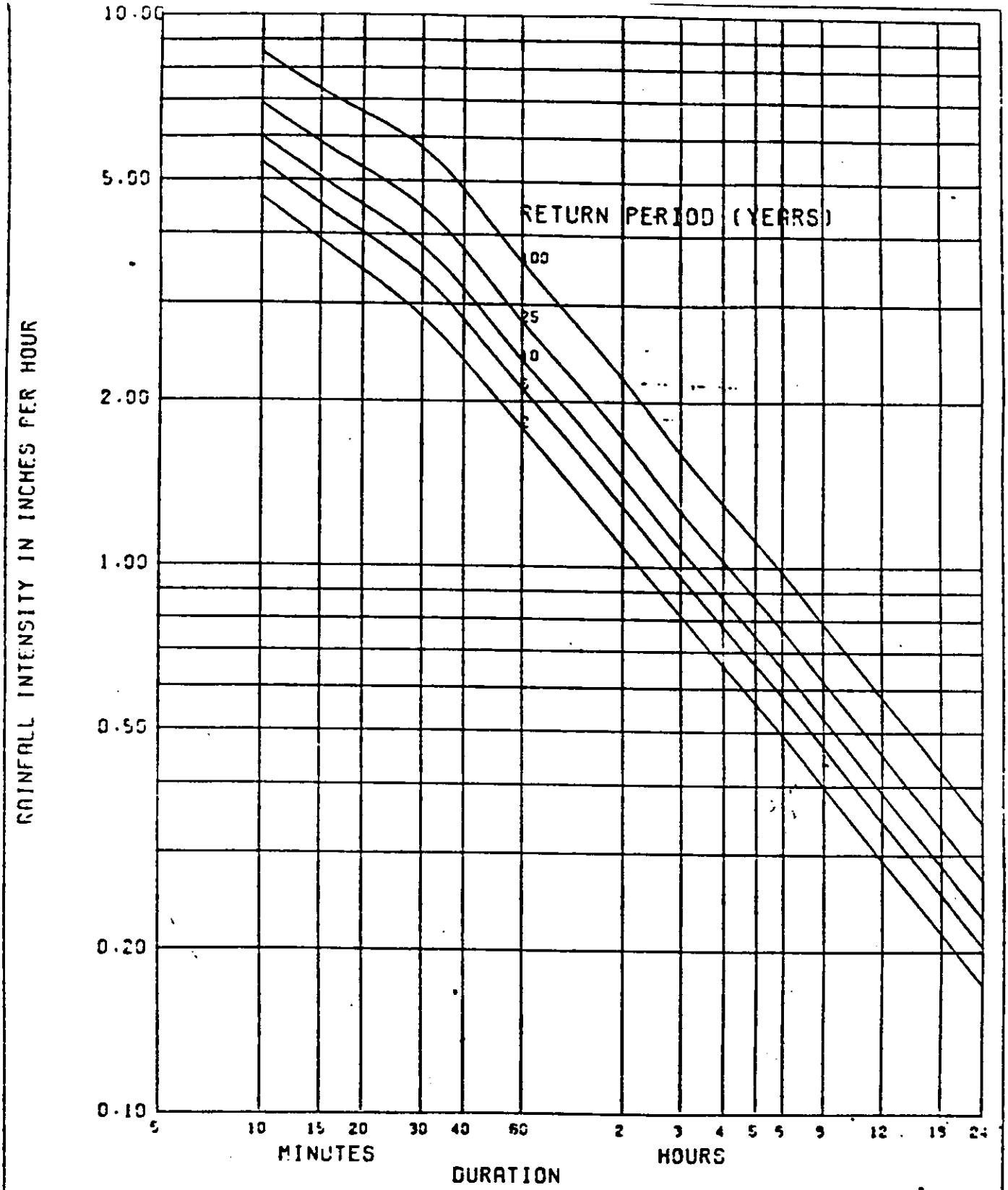
LUBBOCK, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION II-MANUAL OF DECEMBER 1990

PLATE B-22



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONMENT
25 YR	CANTONMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

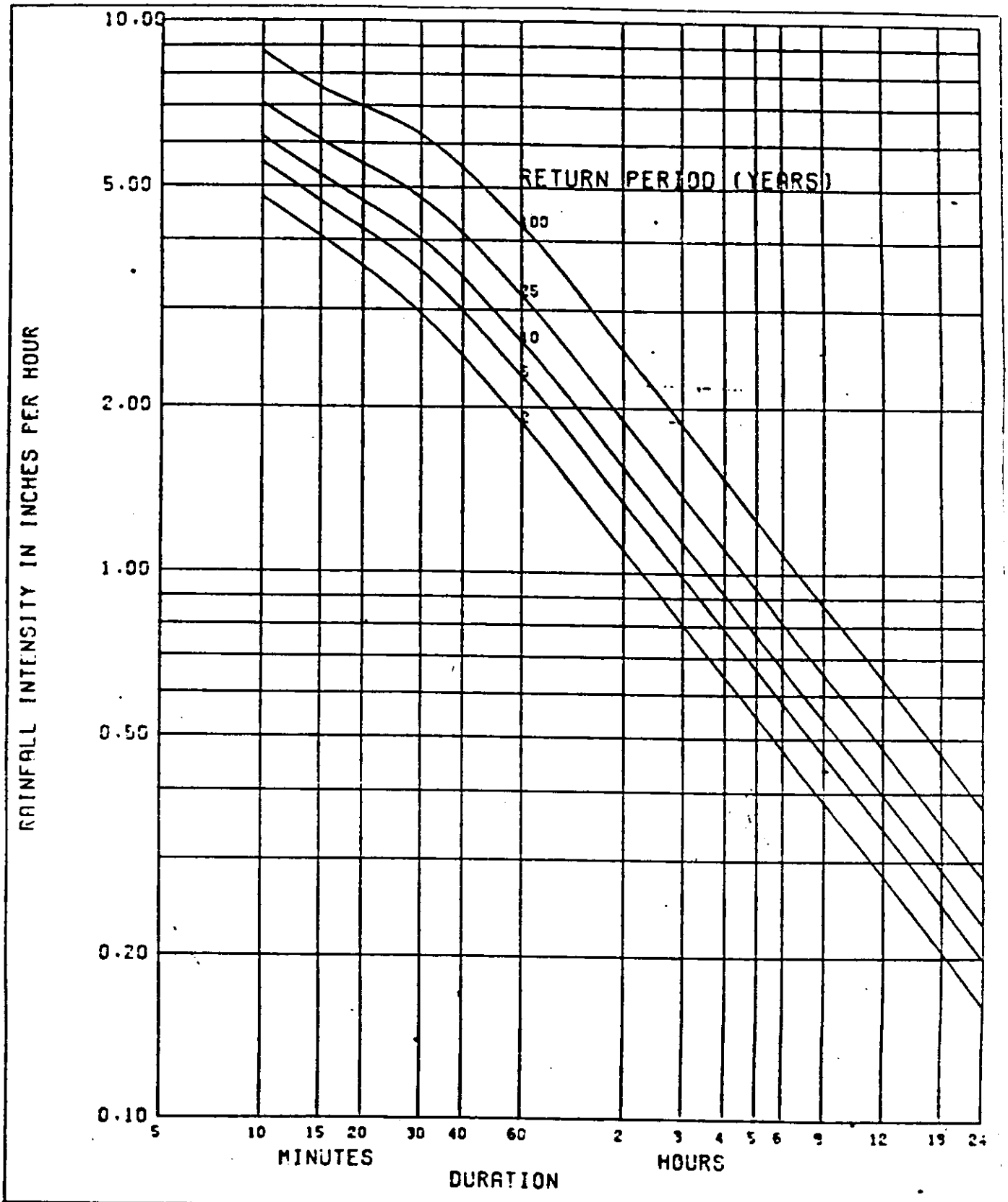
MEMPHIS, TENNESSEE

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980 II

PLATE B-23



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

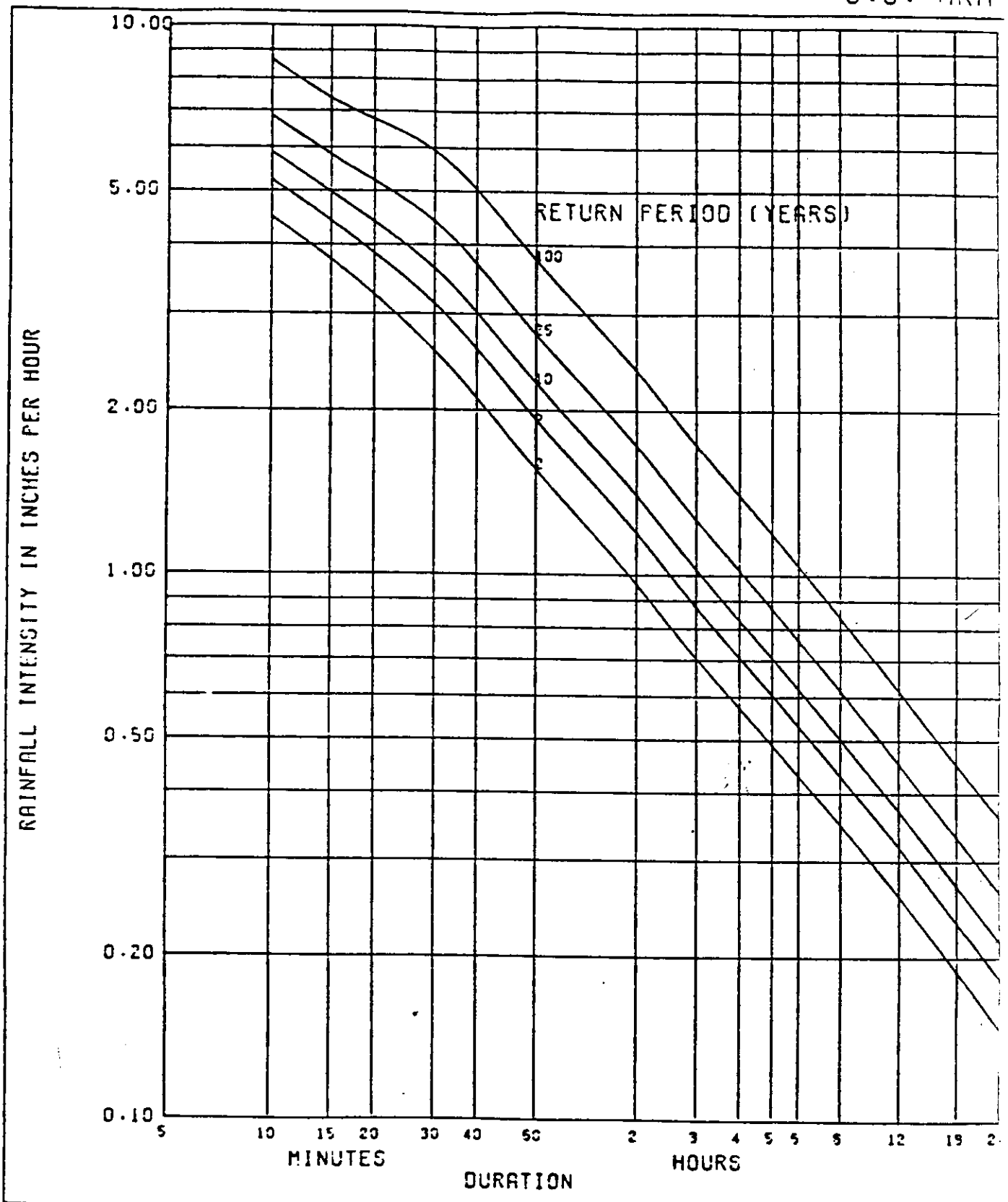
OKLAHOMA CITY, OKLAHOMA

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1980

PLATE II-24



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

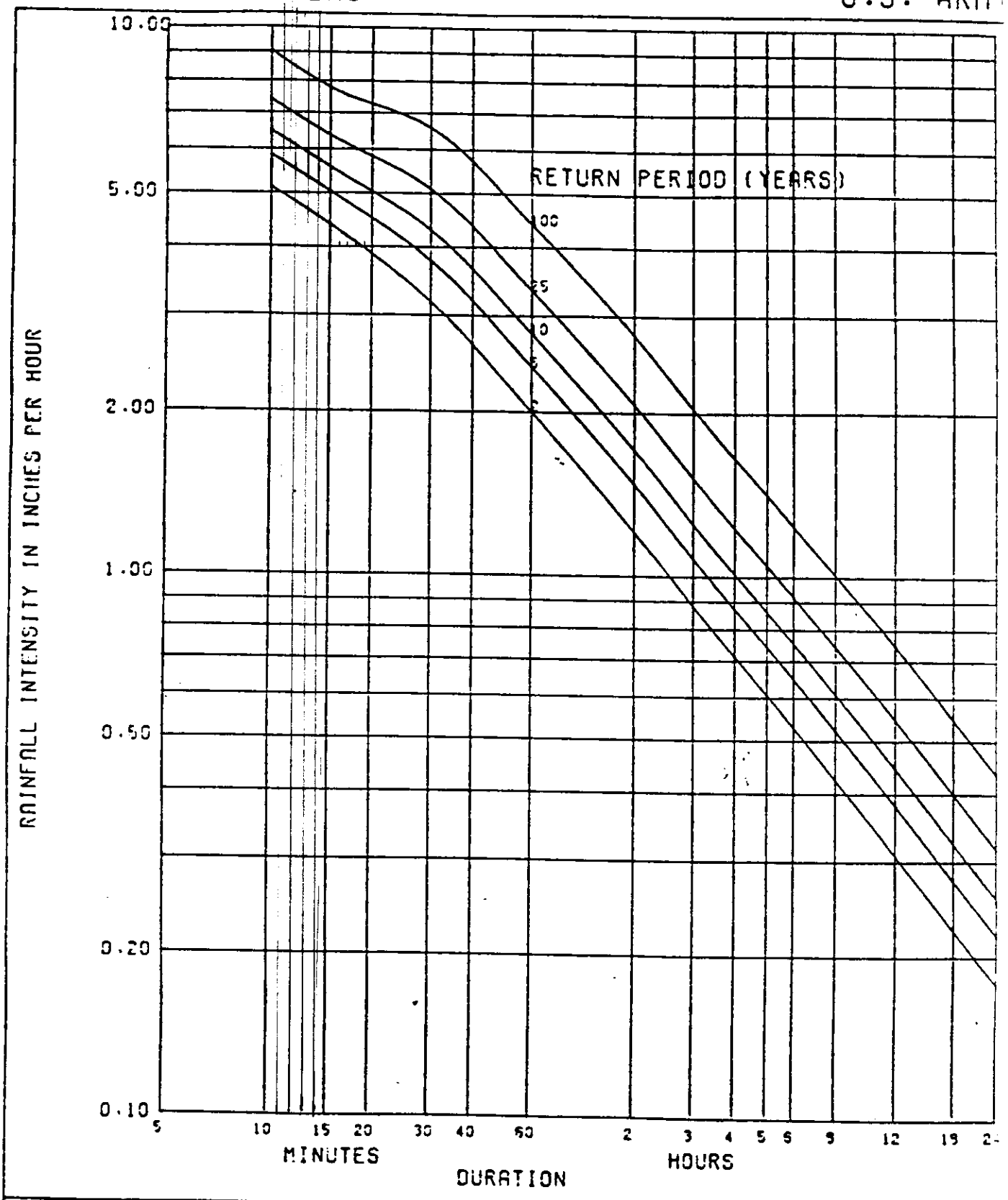
RAINFALL INTENSITY DURATION FREQUENCY CURVES

SAN ANGELO, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990 II-



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

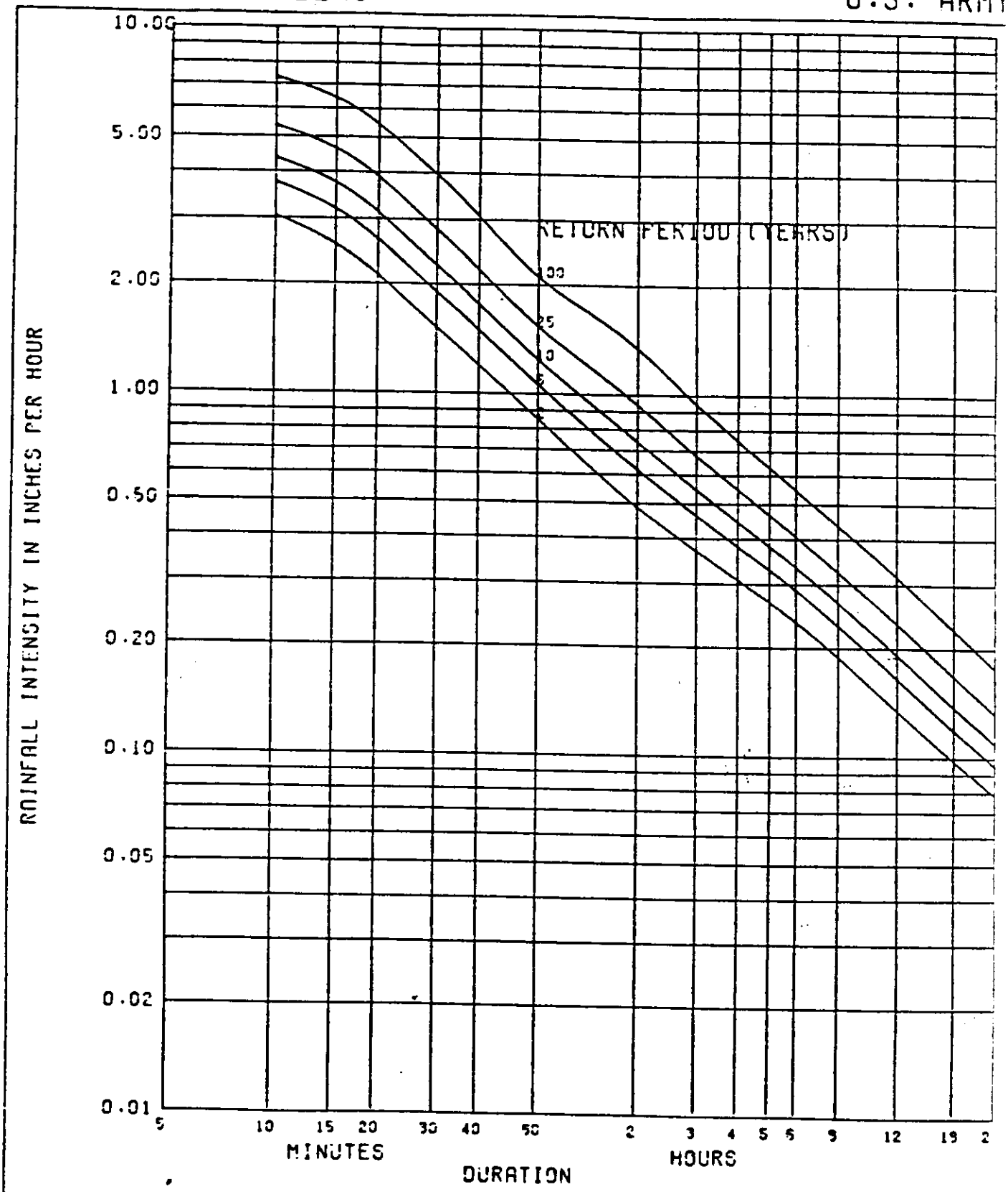
SAN ANTONIO, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION II-MANUAL OF DECEMBER 1990

CORPS OF ENGINEERS U.S. ARMY



LEGEND	
2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

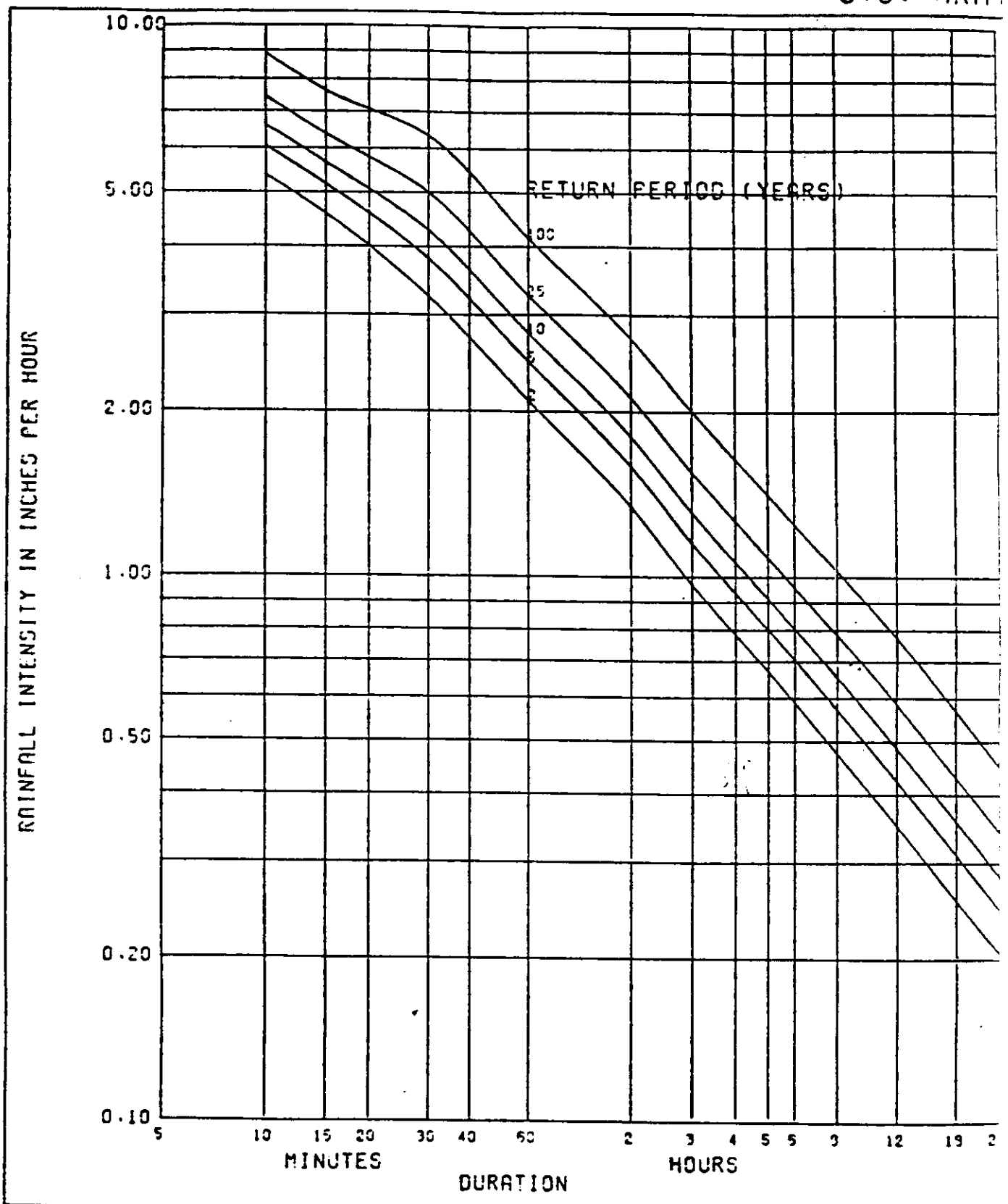
SANTA FE, NEW MEXICO

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990 II-

PLATE B-27



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

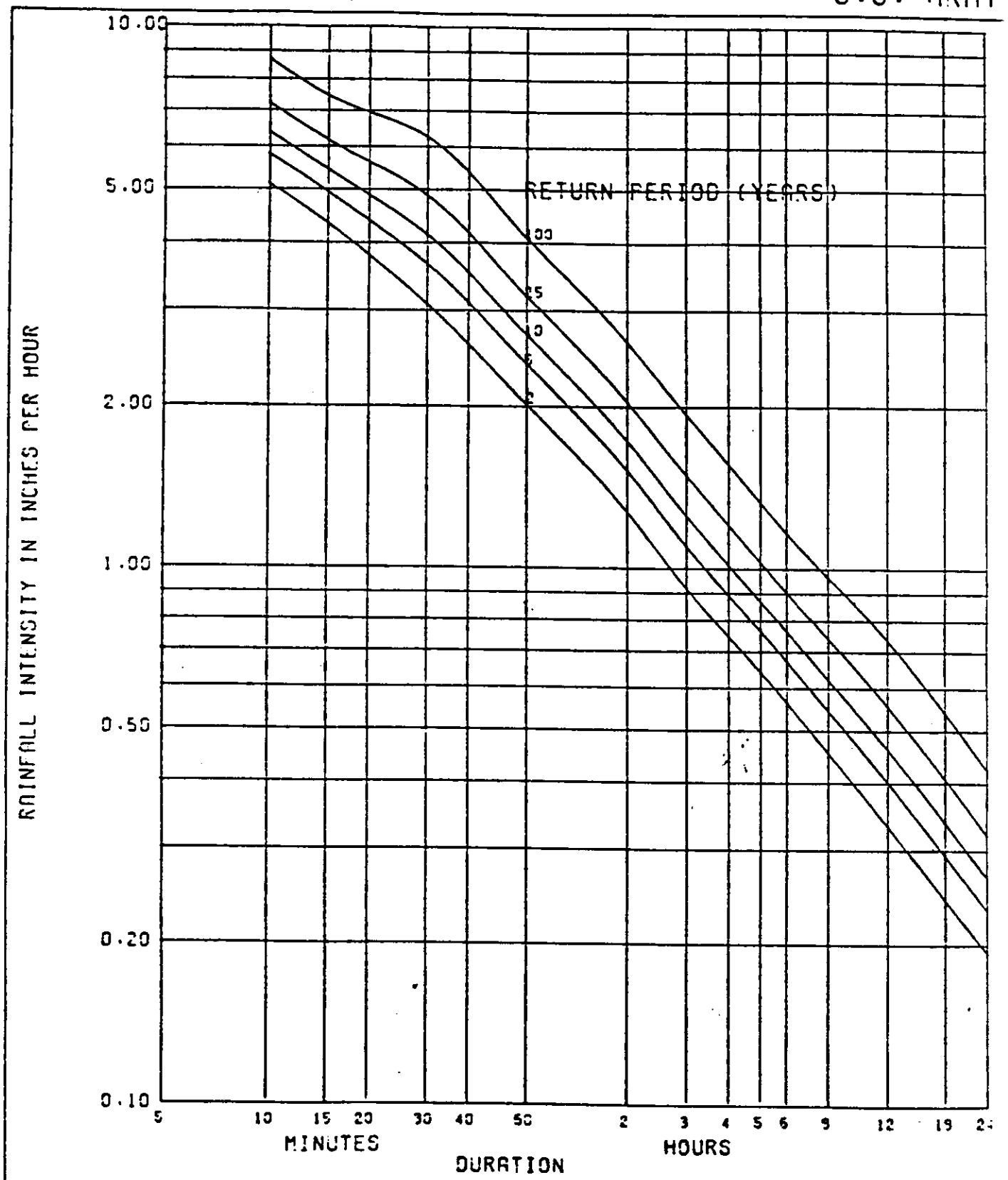
RAINFALL INTENSITY DURATION FREQUENCY CURVES

SHREVEPORT, LOUISIANA

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

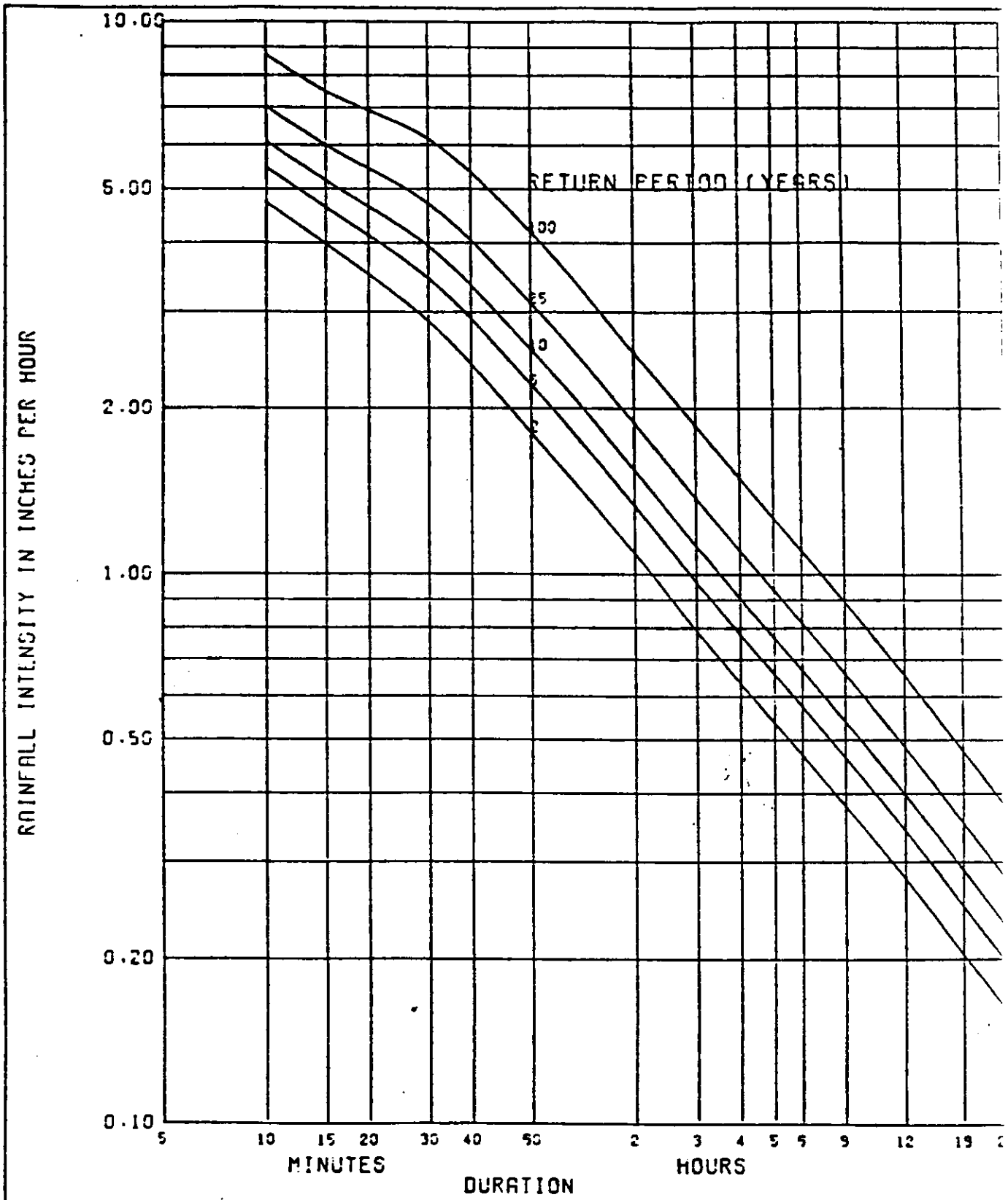
RAINFALL INTENSITY DURATION FREQUENCY CURVES

TEXARKANA, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION MANUAL OF DECEMBER 1990 II



LEGEND

2 YR	AIRFIELD DESIGN
5 YR	TEMPORARY FACILITIES DESIGN
10 YR	CANTONEMENT
25 YR	CANTONEMENT CAPACITY CHECK
100 YR	BASE HOUSING

RAINFALL INTENSITY DURATION FREQUENCY CURVES

WICHITA FALLS, TEXAS

BASED ON DATA FROM WEATHER BUREAU TECHNICAL PAPER NUMBER 40 AND HYDROMETEOROLOGICAL REPORT NUMBER 35

U.S. ARMY ENGINEER DISTRICT, FORT WORTH

TO ACCOMPANY ARCHITECT-ENGINEER INSTRUCTION II. MANUAL OF DECEMBER 1990