NOTE:
ALL CONSTRUCTION TO CONFORM TO CITY OF ROCKWALL STANDARDS

NOTE:
ALL STORM SEWER PIPE TO BE CLASS III REINFORCED CONCRETE PIPE.

NOTE:
CONTRACTOR TO ADJUST ALL WATER & SEWER SERVICES & WATER MAINS AS REQUIRED TO INSTALL STORM SEWER.

NOTE:
REPLACE PAVEMENT OVER BOX CULVERT W/ 6" LIMIC SURFACE COURSE PAVEMENT ON 6" LIME SUBGRADE

NOTE:
BOX CULVERT SHALL BE PRECAST W/ GRADE 60 REINF. H-20 LOADING 4000 PSI. CONC. FOR THD STANDARDS, MANUFACTURED BY CALWORTH QUICKSET CO. OR APPROVED EQUAL

CONSTRUCT 1-6'×4' BOX CULVERT (90.45° SKEW) AS PER THD STANDARDS W/ PARALLEL WINGS (PW-45°) ON EACH END OF BOX CULVERT

17+75 - PAVEMENT STA. CONST. 1-10' INLET
TC = 556.98, IE = 551.98

0+00 - LINE "C" = BEGIN BOX CULVERT

INSTALL 6 L.F. OF 18"ϕ CLASS III R.C.P.

℄ = 580.5

BOYDSTUN STREET

STREET

6" WATER MAIN

LINE "C"

℄ PVMT. STA. = 17+40

0+00 ℄ STREET = 30.00°RT

10"ϕ SAN. SEW. MAIN
16"ϕ WATER MAIN

CONNECT RCP AT EACH END OF PROP. INLET

35° EX. 24"ϕ TIN HORN

EX. 24"ϕ T.H.

INSTALL 60 LF 24"ϕ CLASS III

0+35 - LN. "D"
0+00 - LN. "E"

℄ = 580.0

0+30 - LINE "D" END BOX CULVERT

0+55 - LN. "C" = 0+00 - LN. "D"

LINE "D"

0+35 - LN "D" MEAS BEHD

LINE "E"

PROP. 6" WATER

STA. 1+00 LINE "D" CONNECT TO EXISTING 24"ϕ TIN HORN PIPE

REMOVE 10 L.F. OF EX. 24"ϕ TIN HORN & DISPOSE

INSTALL 35 L.F. OF 24"ϕ CLASS III R.C.P.

0+10 - LN. "D" 1-45° BEHD

17+75 - PAVEMENT STA. CONST. 1-10' INLET
TC = 556.23, IE = 551.73

INSTALL 40 L.F. 30"ϕ CL. III R.C.P.

GRADE TO DRAIN

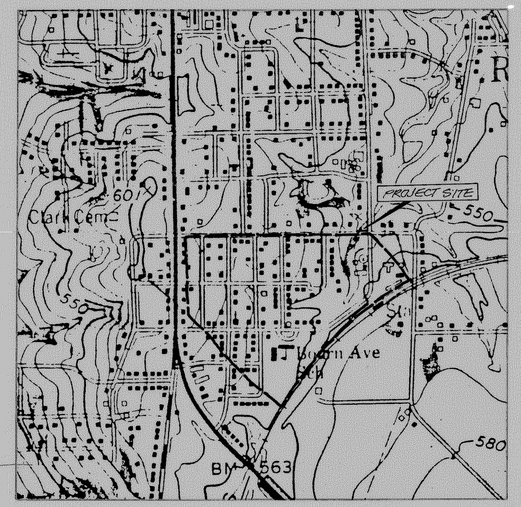
0+36 - LINE "E" CONSTRUCT TYPE "B" HOWL.

CLARK

NOTE:
EXISTING 16" WATER MAIN TO BE LOWERED UNDER PROPOSED BOX CULVERT IF REQUIRED. ENCASE 20 L.F. OF 16" WATER MAIN W/ CONCRETE.

LEGEND:

- POWER POLE
- TELEPHONE BOX
- TELEPHONE M.H.
- GAS METER
- FIRE HYDRANT
- WATER METER
- WATER VALVE
- SANI. SEWER M.H.



DRAINAGE MAP

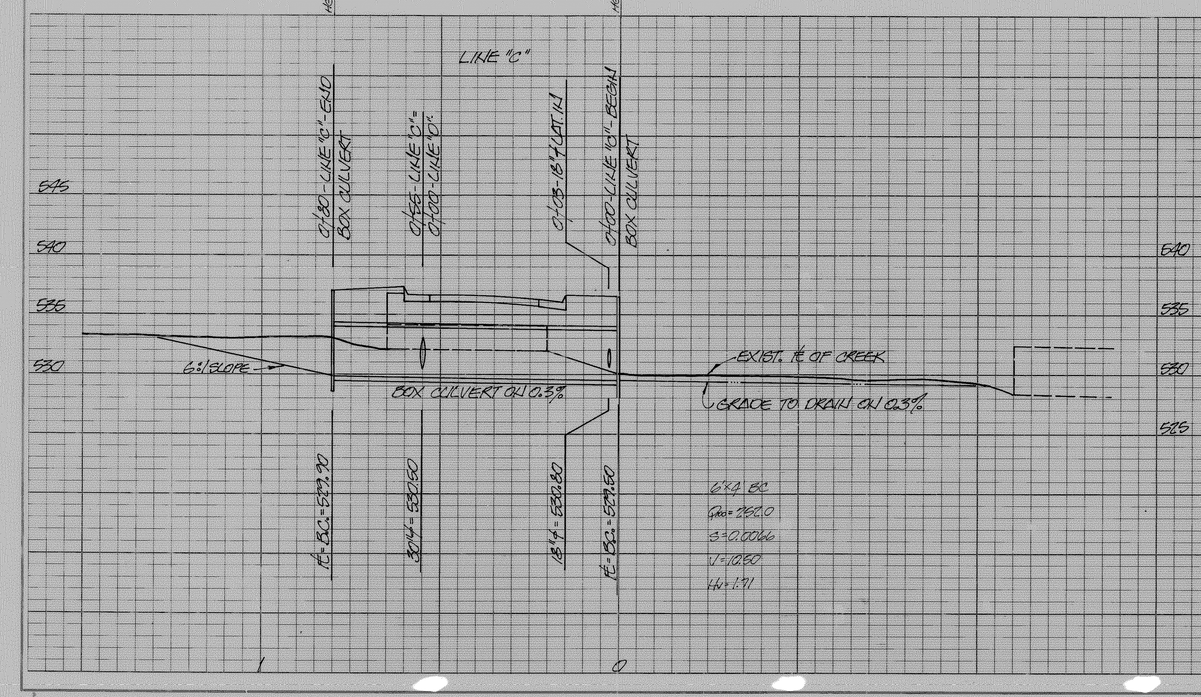
TC = 20.0 MIN.
C = 0.6
I10 = 6.8
I100 = 8.9
Q10 = 204.0
Q100 = 265.0

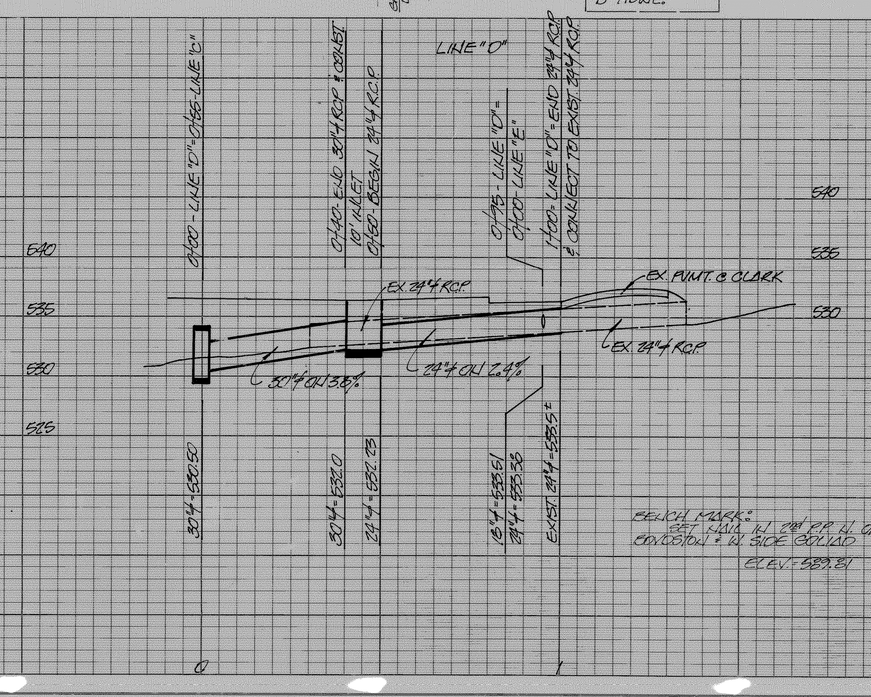
$TC = 10.0 + \frac{D}{S \times 60}$

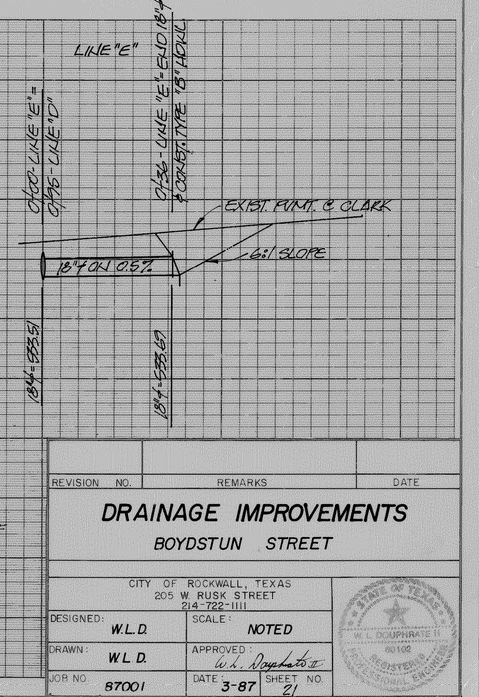
$TC = 10.0 + \frac{3000}{300}$

TC = 20.0 MIN.

"C" - BASED ON AVG. OF 0.5 & 0.7
DRAINAGE AREA = 50 ACRES
MIXTURE OF RESIDENTIAL & INDUSTRIAL ZONING







REVISION NO.	REMARKS	DATE

DRAINAGE IMPROVEMENTS

BOYDSTUN STREET

CITY OF ROCKWALL, TEXAS
205 W. RUSK STREET
214-722-1111

DESIGNED: W.L.D.	SCALE: NOTED
DRAWN: W.L.D.	APPROVED: W. L. Dauphrate II
JOB NO. 87001	DATE: 3-87 SHEET NO. 21

STATE OF TEXAS · W. L. DAUPHRATE II · 60102 · REGISTERED PROFESSIONAL ENGINEER