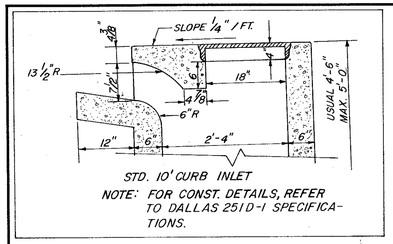

STD. 10' CURB INLET

NOTE: FOR CONST. DETAILS, REFER TO DALLAS 251D-I SPECIFICATIONS.

ESTIMATED QUANTITIES

ITEM	DESCRIPTION	UNIT	QUANTITY
	T.H.D. 470 Inlets – "Y" Type	Ea.	
1	T.H.D. 470 Inlets – S14 Curb-Type	Ea.	8
	T.H.D. 470 Inlets – S14 Curb-Type	Ea.	
	T.H.D. 470 Inlets – Grated-Type	Ea.	
	T.H.D. 421 Junction Boxes	Ea.	
2	T.H.D. 421 Headwalls	Ea.	1
	T.H.D. 464 84" Conc. Pipe	L.F.	
	T.H.D. 464 66" Conc. Pipe	L.F.	
	T.H.D. 464 60" Conc. Pipe	L.F.	
	T.H.D. 464 54" Conc. Pipe	L.F.	
	T.H.D. 464 48" Conc. Pipe	L.F.	
	T.H.D. 464 42" Conc. Pipe	L.F.	
3	T.H.D. 464 36" Conc. Pipe	L.F.	490
	T.H.D. 464 30" Conc. Pipe	L.F.	
4	T.H.D. 464 24" Conc. Pipe	L.F.	75
	T.H.D. 464 18" Conc. Pipe	L.F.	
	6" P.V.C. Sewer Pipe SDR 35	L.F.	
	T.H.D. 479 – Adjust Manholes	Ea.	
5	ADJUST 2" WATER LINES	Ea.	2
5A	ADJUST 8" WATER LINE	Ea.	1
6	6" P.V.C. SDR 18 Water Line	L.F.	235
	8" P.V.C. SDR 18 Water Line	L.F.	
7	Miscellaneous Concrete	C.Y.	15
8	6" VALVE	E.A.	5
9	6" CROSS	E.A.	1
10	ASPHALT PAVEMENT REPAIR	S.Y.	500
11	CONCRETE PAVEMENT	S.Y.	125

APT. OFFICE

INSTALL 1-6" VALVE

Water Line To Be Pressure Tested @ 150 PSI For 4 Hrs.

INSTALL 1-6" CROSS 4-6" VALVES

INSTALL 1-6" 22½° BEND 1-6" 11¼° BEND

REMOVE EXIST. 6" LINE CONST. 6" SDR 18 WATER LINE

DUNHILL APTS. (GEORGE B SOLIMAN)

BROOKHAVEN CLUB DR.

GREENHAVEN VILLAGE APTS. (MULTIVEST REAL ESTATE FUND)

1"=20'

M.H.

Const. 2-10' Curb Inlets

Q_{25} = 15.5 CFS

49 L.F. of 24" R.C.P.

EXIST. ELEV.

565.12

565.18

565.30

565.68

Q_{25} = 76.0 CFS

25' x 30' Drainage & Paving Easement

30° Bend

S 48° 47' 49" E

T.C. = 565.25

Inlet ℄ 561.25

30

9 L.F. of 24" R.C.P.

T.C. = 564.00

Inlet ℄ 560.00

Const. 2-10' Curb Inlets

11 L.F. of 24" R.C.P.

Const. 4-10' Curb Inlets

10'

Fence

Sta 0+00 1.5 Ft. from B.C.

T.C. = 563.62

Inlet ℄ 561.22

12" W

501.64' To I.P.

℄

6" Wood Fence

2" W

S 40° 54' 51" E

36" R.C.P.

7.5'

7.5'

15' Drainage Easement

P.C. 1+70.18

P.T. 1+79.81

ASPHALT PARKING LOT

℄ PIPE

Δ = 07° 53' 00"

R = 70'

T = 4.82'

L = 9.63'

185° 40'

ASPHALT PARKING LOT

Sta 4+00

Stone Retaining Wall

12" Ash

S 35° 14' 51" E

Const Type CH-II-B-15° Headwall Texas Hwy. Dept. Stds.

6" Ash

3" Ash

Edge of Water

Sta 4+80 End 36"

CREEK

FARMERS BRANCH

8" W

2" W

SS

SS

LEGEND

- Beach Mark
- Hub and Tack
- Iron Pin
- Monument
- Gas Meter
- Gas Valve
- Gas Line
- Power Pole (typical pole symbol)
- Power Line
- Guy Wire and Anchor
- Telephone Cable Box, or Riser
- Telephone Line
- Water Meter
- Water Valve
- Water Line
- Fire Hydrant
- Water Sprinkler
- Manhole
- Cleanout
- Drainage Inlet
- Sanitary Sewer Line
- Storm Sewer Line
- Fence Line
- Flow Direction Indicator
- Property or Right-of-Way Line
- Easement Line

565
560
555
550
545
540

Approximate Location Of Water Lines, Contractor To Verify Location And Adjust As Required To Clear Storm Sewer.

Existing Natural Ground

Existing 12" Water Main

Existing 2" Water Service

Existing Pavement Surface

Existing 8" Water Main

Existing 2" Water Service

430 L.F. of 36" R.C.P. at -2%

Q_{25} = 91.3 CFS
S = 0.02
n = 0.013
V = 13.3 FPS
Q = 94 CFS

40 L.F. of 36" R.C.P. at -20.0%

Approx. Loc. of Existing 10" Sani. Sewer

Normal Water Level

8 L.F. of 36" R.C.P. at -1%

Sta 4+70 ℄ 542.0

Sta 4+78 ℄ 541.92

PAVEMENT REPAIR BROOKHAVEN DRIVE

6

2" Surface

6" Asph. Base

6" Concrete

Sawed Edge

Exist. Asphalt

Payment Under Misc. Conc.

Compacted Backfill

CONTRACTOR SHALL FURNISH ALL QUANTITIES OF ASPHALT GREATER THAN THOSE LISTED IN TABLE ABOVE NO SEPERATE PAVEMENT FOR CURBS

PAVEMENT REPAIR PARKING LOT

6

2" Surface

6" Base

Compacted Backfill

℄ 561.25 24"

℄ 559.6 24"

℄ 559.6 36"

℄ Sta 0+05

℄ 559.0 24"

℄ Sta 0+10

℄ 558.9 24"

℄ 556.6

℄ 554.6

℄ 552.6

℄ 550.6

Sta 4+30 ℄ 550.0

0+00

1+00

2+00

3+00

4+00

STATE OF TEXAS
JAMES HOLLIS
31142
REGISTERED
PROFESSIONAL
ENGINEER

NO.	REVISION	BY	DATE

CITY OF ADDISON
DALLAS COUNTY, TEXAS

WATER LINE & DRAINAGE IMPROVEMENTS

BROOKHAVEN CLUB DRIVE

(SOUTH OF SPRING VALLEY)

GINN, INC CONSULTING ENGINEERS

DESIGNED- J.H	DRAWN- B.H.	DATE 11-12-79	FILE
APPROVED-	CHECKED-	SCALE- 1"=20' H, 1"=5' V.	SHEET 1 OF 1