EXIST. GROUND STORAGE TANK

Exist. 36" RCCP

Exist. 24" Overflow Pipes

Prop. 21" RCP

Prop. 42" RCCP

Prop. 18" RCP

N 39°40'00" W 200.00'

Deryl Comer

1/2" I.P.

M.H.

55'

Prop. 21" RCP

PROP. 4" PVC (From Pump Sta.)

2'

Δ

8" S.S.

Prop. Fence

Δ

8" S.S.

Exist. 6'x4' Box Culvert

Δ

8" S.S.

Exist. 6'x4' Box Culvert

Blk. 8166

Sta. 0+02 Plug End Of 8" PVC

Sta. 0+39 Const. Std. 4' Dia. M.H. w/4" Lat. N. Δ=08°15' Rt.

Sta. 1+71 Const. Std. 4' Dia. M.H. Δ=22°30' Lt.

Sta. 2+45 Const. Std. 4' Dia. M.H.

Sta. 3+94 Const. Std. 4' Dia. M.H. Δ=52°45' Rt.

Sta. 4+51 Connect To Exist. M.H.

196.60'

N 13°20'00" E

Town Of Addison

N 73°50'58" W 313.92'

TOWN OF ADDISON
CITY OF DALLAS

1/2" I.P.

1/2" I.P.

Blk. A/8168

S 01°53'23" W 309.50'

Existing Fence

Waldon Preparatory School

1/2" I.P.

±60' (VERIFY)

6"

Δ

8" S.S.

175.31'

S 52°48'53" W

3+58.21 Ln. "A" = 4+51

DALLAS WATER UTILITY DEPT. File 4110 No. 1960

Exist. 8" PVC

2+92.34 Ln. "A"

Exist. 8" PVC

Blk. B/8166

Benchmarks:

TBM #1 "□" Set on N.E. corner concrete water valve vault located 70' ± north of N.W. property corner. ELEV. 608.44

TBM #2 "□" Set on front porch of church at 5555 Celestial Road. ELEV. 577.95

TYPICAL PAVED AREAS

TYPICAL GRASSED AREAS

℄ Manhole

Block out in paved areas

Top Elev.

Heavy duty C.I. frame and cover (traffic model), provide shop dwgs. for approval prior to construction.

Conc.

Slope ground

Conc.

Anchor frame to conc as reqd

24"

2' Min. 4' Max.

VARIES - See Plans (Max. 12'-6" depth - 4' diam. M.H.) (Max. 18' - 5' diam. Max. 30' - 6' diam.)

Backfill material shall be compacted to secure 95 % of max. lab density as determined by AASHTO T-99

6" 4'-0" diam. M.H., Pipes 8"-30"-6"

8" 5'-0" diam. M.H., Pipes 30"-42"-8"

8" 6'-0" diam. M.H., Pipes 42"-54"-8"

6"

3600 psi, Class C concrete, monolithically placed.

CONTR. OPTION: Brick M.H. may be used in lieu of conc. (NO additional compensation allowed)

45° Wye

NO PRECAST M.H. ALLOWED

NO M.H. Steps req'd.

45° Bend

FOR DROP M.H. WHERE NOTED

For invert elev, see plans

2' Min.

Typ. all around

INLET(S) See plans

6"

90° Bend

Slope grout full height of pipe - slope to outlet

12" 12" Min.

12"

#5 @ 12" ctrs.

6"

7'-0" Sq. - 4' diam. M.H.

9'-0" Sq. - 5'-6" diam. M.H.

Gravel Bedding

STANDARD M.H.

Initial Backfill Of Carefully Compacted (90%) Select Material Or Granular Material

Bd See Note 3

Bc

1/8 Bc Min.

1/4 Bc Min. 3" Min. 6" Min. in Rock

Compacted Crushed Stone, Standard Gradation, Or Rock Cuttings

CLASS C EMBEDMENT

Rock Line In Creek

Class 'B' Concrete

NOTE The 4" Min. Shall Apply To Thickness Around Pipe And Over Top Of Bells

Bd

Bc

4" Min. Class 'B' Concrete

1/8 Bc

1/4 Bc

CLASS G-1 EMBEDMENT (For Rock Ditches In Creeks)

590
585
580
575
570
565
560
555

30L Sta. 0+72 Plug End Elev. = 586.18

Sta. 0+39 Const. Std. 4' Dia. M.H.

Sta. 1+71 Const. Std. 4' Dia. M.H.

Sta. 2+45 Const. Std. 4' Dia. M.H.

37 LF 8" S.S. On 0.50%

132 LF 8" S.S. On 0.50%

74 LF 8" S.S. On 0.50%

143 LF 6" S.S. On 10.5%

Prop. 21" RCP

E.L. = 579.87

E.L. (In) = 580.00
E.L. (Out) = 579.80
E.L. = 580.175

E.L. (In) = 578.85
E.L. (Out) = 578.644

E.L. (In) = 578.07
E.L. (Out) = 577.97

392 L.F. 8" P.V.C. Sewer Pipe Class "C" Embedment

0+00 0+50 1+00 1+50 2+00 2+50 3+00

Sta. 3+94 Const. Std. 4' Dia. M.H.

Connect To Exist. M.H. Sta. 4+51 - Dallas 3+58.21 Ln. "A" Fwd. DALLAS WATER UTILITY DEPT. File 4110 Vol. 1960

8" S.S. On 4.00%

Exist 8" SS On 1.67%

E.L. (In) = 562.32
E.L. (Out) = 561.82

E.L. (In) = 559.62
Exist. E.L. (In) = 559.60
(Under 8")

57 LF 8" PVC Sewer Pipe Class "G-1" Embedment

3+50 4+00 4+50

2-19-87

# SANITARY SEWER
## CELESTIAL ROAD PUMP STATION
## TOWN OF ADDISON
## DALLAS WATER UTILITY DEPT.
## CITY OF DALLAS, TEXAS

| DESIGN | DRAWN | DATE | SCALE | NOTES | FILE | NO. |
|---|---|---|---|---|---|---|
| GINN, INC. Dallas, Tx. | | JAN 1987 | H-1"=40' V-1"=5' | RCH / GAP | | |