Prop. 21" RCP
Prop. 24" RCP
Prop. 19" RCP
N 38°40'00" W
200.00'
1/2" I.P.
M.H.
Deryl Comer
55'
Prop. 21" RCP
PROP. 4" PVC — D3034
(From Pump Sta.)
EXIST. GROUND STORAGE TANK
Exist. 36" RCP
Donald Richmond
Blk 8166
105.1'
N 32°53' W
309.50'
Existing Fence
Prop. Fence
1/2" I.P.
65.4'
(VERIFY)
175.31'
12"
8" S.S.
Exist 24" Overflow Pipes
Stabilized Backfill And/Or Rip-Rap Required For Earthen Banks Of Creek. G-I Embedment Only Applies To Top Of Rock. ⚠3
8" S.S.
140
Exist 6'x4' Box Culvert
Exist 6'x4' Box Culvert
8" S.S.
8" S.S.
CREEK
2+82.34 Ln. 72°
DALLAS WATER UTILITY DEPT. File 4110 No. 1960 Sheet 110 ⚠3
Exist. 8" PVC
Blk. 8166
Sta. 0+02 Plug End Of 8" PVC
Δ=15°00' Rt.
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+87 Const. Std. 4' Dia. M.H.
Δ=90°± Rt.
Sta. 4+26 Connect To Exist. M.H. Plug Exist. Stubout.
S 52°48'53" W
3+58.21 Ln. 4°+26
Exist. 8" PVC
Exist. 15' Esmt.
195.66'
N 13°20'00" E
Town Of Addison
Blk. B/8166
N 73°50'58" W
313.92'
TOWN OF ADDISON
CITY OF DALLAS
1/2" I.P.
Blk. A/8168

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

| No. | Revision | App. |
|---|---|---|
| ⚠4 | Add Embedment Note & Sht. No., Delete MH Option | RCH |
| ⚠3 | Revise Alignment & Profile | RCH |
| ⚠2 | Correct Elevations | RCH |
| ⚠1 | Addendum No. 2 | RCH |

℄ Manhole

TYPICAL PAVED AREAS — TYPICAL GRASSED AREAS

2"

Block out in Top

Heavy duty C.I. frame and cover for approval prior to construction.

Dev

Slope ground

Conc

Conc

Anchor frame to conc. as req'd

24"

2' Min 4' Max

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.

NO PRECAST M.H. ALLOWED

45° Wye

NO M.H. Steps req'd

45° Bend

FOR DROP M.H. WHERE NOTED

For invert elev., see plans

2' Min Typ all around

(INLETS) See plans

90° Bend

Slope grout full height of pipe - slope to outlet

12" 12" Min

#5 @ 12" e.w.

6" 12"

VARIES - See Plans (Max 18' - 5' diam Max 30' - 6' diam) (2'-6" depth - 4' diam M.H.)

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

1/6 Bc Min.

1/8 Bc Min.

3" Min. in Rock

6"

Compacted Crushed Stone, Standard Gradation, Or Rock Cuttings

CLASS C EMBEDMENT

Rock Line in Creek

Class 'B' Concrete

6" Min.

Bd

Bc

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

4" Min.

Concrete Backfill As Per Item 6.2.10.(c)

1/4 D

Class 'B' Concrete

6" Min.

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

590 585 580 575 570 565 560 555

Sta. 0+02 Plug End Ø 8" PVC E=580.18

Sta. 0+39 Const. Std. 4' Dia. M.H. E(in)=580.00 E(out)=579.75

37 LF 8" S.S. On 0.50%

Prop. 21" RCP E=578.61

Sta. 1+71 Const. Std. 4' Dia. M.H. E(in)=577.26 E(out)=577.08

132 LF 8" S.S. On 1.00%

Sta. 2+45 Const. Std. 4' Dia. M.H. E(in)=576.34 E(out)=576.24

74 LF 8" S.S. On 1.00%

CREEK CROSSING

Sta. 3+87 Const. Std. 4' Dia. M.H. E(in)=568.83

132 LF 8" S.S. On 6.81%

Sta. 4+26 Connect To Exist. M.H. E(in)=568.50 E(out)=568.40

Exist. M.H. E(in)=568.50 E(out)=568.40 VERIFY

8" S.S. On 6.00%

E(in)=566.83

385 L.F. 8" PVC Sewer Pipe, ASTM D3034 (SDR-35) or ASTM F-789/03212 Class "C" Embedment

39 LF 8" PVC Sew. Pipe Class "G-I" Embedment

(110)

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

| DESIGN | DRAWN | DATE | SCALE | NOTES | FILE | NO. |
|---|---|---|---|---|---|---|