50'x75' Drainage Easement

℄ Curve Data
Δ = 6° 05' 10"
R = 1432.39'
T = 76.15'
L = 152.15'
D = 4° 00' 00"

Sta. 15+31.32, I.P. Set, 100' Lt. ℄
El. 622.0

Match exist. grade El 621.6± Verify

℄ 621.5
El. 622.0

Sta. 15+34
2-10'Recessed Inlet
T.C. = 621.63
E. = 617.13

Sta. 15+31.32, I.P. Set, 40' Lt. ℄

SEE DETAIL @ RIGHT

6" Thk. conc. riprap w/ #3 @ 24" o.c.

Top riprap = 620.5±

℄ 614.48

Excavation Incidental to Construction

8" Plug
8"x6" Tee
6" Gate Valve
Fire Hydrant

STA 15 + 00

LAT. C-1
1 @ 11.5 L.F.-24" R.C.P.

R = 1414.56'
L = 30.79'
30" R.C.P.

(2) - 48" R.C.P. @ 0.60% (80 L.F. each) w/ THD, CH-11 Headwalls

Sta. 15+00± Install 8" PVC water main

R = 1420.22'
L = 31.05'

LINE "C" (South)

16 + 00

LAT. C-2
38 L.F.-18" R.C.P. @ 1.68%

℄ 48" = 614.04
℄ 18" = 616.00

℄ See below

36" R.C.P.

Sta. 15+00
6" Fig'd Outlet
8" Gate Valve

Sta. 15+31.32, I.P. Set, 40' Rt. ℄

STA. 15+34
1-10' Recessed Inlet
T.C. = 620.63
E. = 616.63

℄ 614.00

6' Conc. Riprap

Match exist. Top Bank (Typ.)

30' Riprap

Excavation Incidental to Constr. NO PAY ITEM

℄ 613.85

END CONC. RIPRAP

50'x50' Drainage Easement

Sta. 15+31.32, I.P. Set, 100' Rt. ℄

PAY ITEM 120 Channel Excavation

Typ. "V" ditch Grade to drain See detail at right (Approx 750-800 L.F.)

MATCH LINE

OPUBCO Resources

Grade to drain 1.13% ±

Sta. 17+50
1-10' Recessed Inlet
T.C. = 623.06 (Mod.)
E. = 618.56 opng 622.06

Grade to drain as req'd.

LAT. C-3
67 L.F.-24" R.C.P. @ 3.61%

2.2" P.V.C.

17 + 00

QUORUM DRIVE

18 + 00

19 + 00

2-2" P.V.C.

Fence

LINE "C" (North)

36" R.C.P.

30" R.C.P.

27" R.C.P.

Install 20" R.C.C.P. Water Main. Min. 6' Cover

Sta. 18+00 One Speed
20" Valve
6" Flanged Outlet
6" Gate Valve
Fire Hydrant

STA. 19+50
1-10' Recessed Inlet
T.C. = 624.62
E. = 620.12

Sta. 19+47.45, I.P. Set, 40' Lt. ℄

LAT. C-4
61 L.F.-18" R.C.P. @ 3.10%

LAT. C-5
10 L.F.-18" R.C.P. @ 6.5%

Sta. 19+47.45, I.P. Set, 40' Rt. ℄

STA. 19+50
1-10' Recessed Inlet
T.C. = 623.62
E. = 619.12

STA. 20 + 00

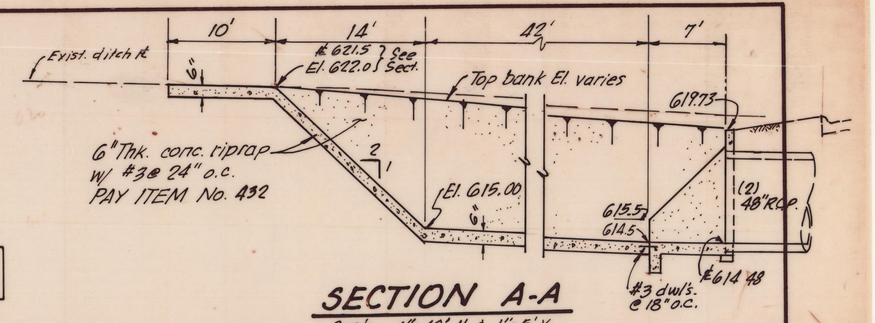
MATCH LINE

OPUBCO Resources

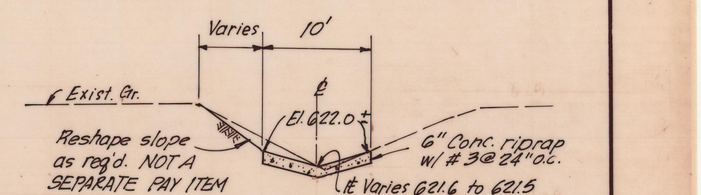
Sta. 19+47.45, I.P. Set, 100' Rt. ℄

Sta. 19+47.45, I.P. Set, 100' Lt. ℄

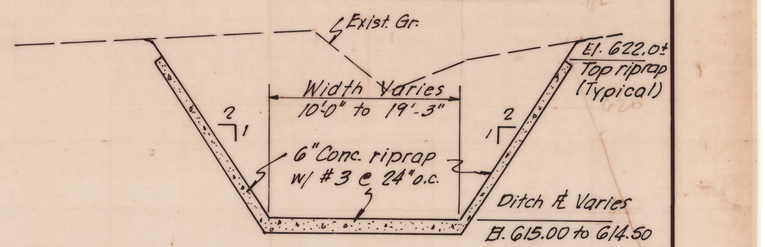
SECTION A-A
Scale: 1"=10' H. & 1"=5' V.



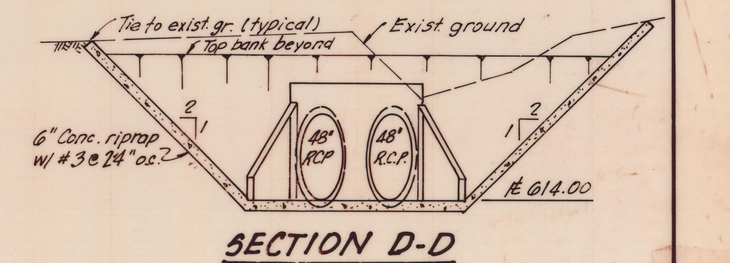
SECTION B-B
Scale: 1"=10' H. & 1"=5' V.



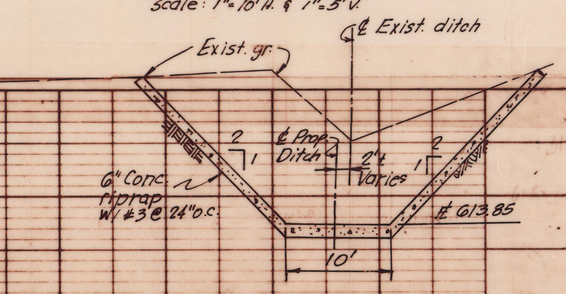
SECTION C-C
Scale: 1"=10' H. & 1"=5' V.



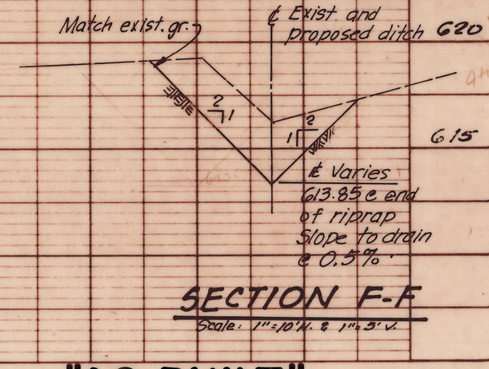
SECTION D-D
Scale: 1"=10' H. & 1"=5' V.

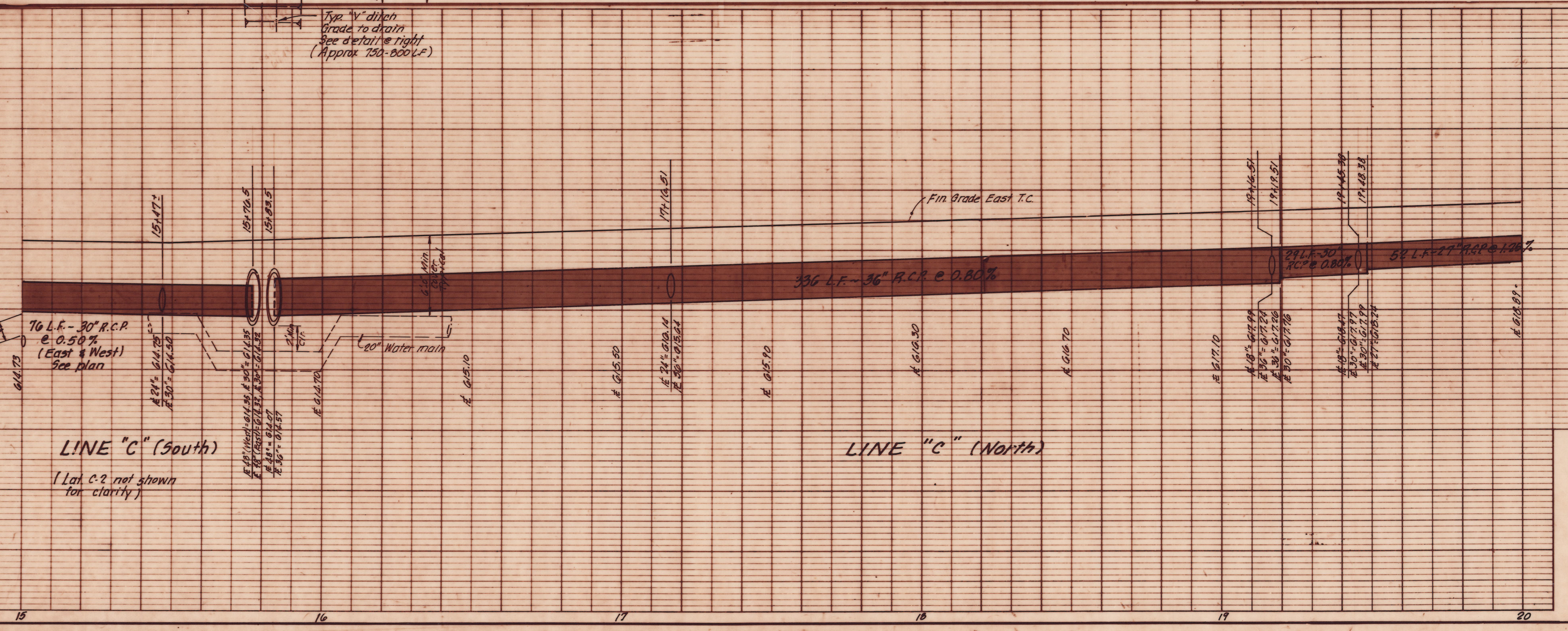


SECTION E-E
Scale: 1"=10' H. & 1"=5' V.



SECTION F-F
Scale: 1"=10' H. & 1"=5' V.





"AS BUILT"

No.	Revision	By	Date

CITY OF ADDISON
DALLAS COUNTY, TEXAS
QUORUM DRIVE

DRAINAGE — STA. 15+00 to 20+00

GINN, INC.
Consulting Engineers Dallas, Texas

Designed - G.E	Drawn - G.F-RB	Date - MAY. 1984	Job No. - J-203	
Approved - HWG	Checked - HBJ	Scale - 1" = 20'	Sheet 21 Of 38	