Arapaho

EXISTING SANITARY SEWER

EXISTING STORM DRAIN

EXISTING 48" WATER

36" RCP

15' Drainage & Util. Easement

PROPOSED 18" STORM DRAIN LINE (BY OTHERS)

PROPOSED 12" FORCE MAIN LINE D

PROPOSED 8" R.C.P. STORM DRAIN LINE E

PROPOSED 18" R.C.P. STORM DRAIN LINE B

PROPOSED 24" R.C.P. STORM DRAIN LINE B

PROPOSED 30" R.C.P. STORM DRAIN LINE D

PROPOSED 30" R.C.P. STORM DRAIN LINE B

PROPOSED 10" PVC WATER MAIN LINE A

PROPOSED 8" PVC SANITARY SEWER LINE C

PROPOSED 8" P.V.C. SANITARY SEWER LINE C

PROPOSED 24" RCP STORM DRAIN LATERAL B-6

PROPOSED 18" R.C.P. LATERAL B-1

PROPOSED 18" R.C.P. LATERAL B-2

PROPOSED 8" C.I. ROOF DRAIN LATERAL B-3

PROPOSED 8" LATERAL B-5

PROPOSED 8" C.I. ROOF DRAIN LATERAL B-4

PROPOSED 12" LATERAL B-7

PROPOSED 10" P.V.C. WATER MAIN

58 L.F. OF 24" RCP

E = 611.25

STA. 0+00
REMOVE WYE INLET AND TIE TO 30" R.C.P.
912.297 N
822.160 E

STA. 0+00
REMOVE WYE INLET AND TIE TO 24" R.C.P.

STA. 0+45
INSTALL 4'x4' WYE INLET

STA. 2+79.74
INSTALL MANHOLE
Δ = 62°07' 57" LT.
591.369 N
574.877 E

STA. 3+34.74
INSTALL MANHOLE
Δ = 45° RT.

STA. 3+93.02
INSTALL 45° BEND
Δ = 45° LT.

PROP. 85 L.F. 10" R.C.P. STORM DRAIN

2 - 4'x3' BOX CULVERT 33 L.F. SEE DETAIL C 6/1

14.13'

10" ROOF DRAIN ELEV. 616.23

STA. 5+82.44
INSTALL 45° BEND
Δ = 45° LT.

STA. 5+76.64
TIE TO SUMP PUMP

STA. 0+00
TIE TO SUMP PUMP

STA. 3+03.37
INSTALL 90° BEND
Δ = 90°
374.750 N
251.584 E

STA. 0+67.29
INSTALL 4'x4' WYE INLET

STA. 0+26.68
INSTALL 45° BEND
Δ = 45°
374.750 N.
538.272 E.

STA. 2+87
INSTALL GRATE DRAIN

STA. 3+85
INSTALL GRATE DRAIN

STA. 1+16
INSTALL AREA DRAIN
SEE DETAIL C8/6

INSTALL 43 L.F. OF 12" R.C.P. CULVERT THROUGH RETAINING WALLS DIRECTLY ABOVE LINE E

STA. 0+48
INSTALL AREA DRAIN
Δ = 90° RT
SEE DETAIL C 8/6

STA. 4+85
INSTALL GRATE DRAIN

STA. 10+19.30
TIE TO INLET
5' INLET

STA. 5+82
INSTALL GRATE DRAIN & PLUG PIPE

STA. 10+12.23
INSTALL 45° BEND
146.730 N
439.727 E

STA. 0+10.29
TIE TO PIPE FROM BLDG.

STA. 5+32.37
INSTALL 90° BEND
Δ = 90°

STA. 5+93.27
OHDI LAT. B-7
INSTALL 45° WYE

STA. 8+46.11
INSTALL MANHOLE
Δ = 62° 07' 57"
157.548 N
605.445 E

STA. 4+57.89 LINE B=
0+00 LATERAL B-2
INSTALL 45° WYE
Δ = 45°

STA. 0+35.36
TIE TO CENTER OF INLET

STA. 5+70.39 LINE B=
0+00 LATERAL B-3
INSTALL 45° WYE
Δ = 45°

STA. 0+18.07
TIE TO PIPE FROM BLDG.

STA. 0+07.07
INSTALL 45° BEND
Δ = 45°

STA. 7+43.28
TIE TO PIPE FROM BLDG.

STA. 0+18.07
TIE TO PIPE FROM BLDG (SEE DETAIL C9/1)

STA. 7+41.16 LINE B=
0+00 LATERAL B-5
INSTALL 45° WYE

STA. 0+07.07
INSTALL 45° BEND
Δ = 45°

STA. 8+90.39 LINE B=
0+00 LATERAL B-4
INSTALL 45° WYE
Δ = 45°

STA. 7+09.23
INSTALL MANHOLE
252.067 N
733.988 E.

STA. 8+42.01
INSTALL 12"X10" TAPPING SLEEVE & VALVE

STA. 2+62.46
INSTALL 45° BEND & 10" GATE VALVE
588.773 N
1050.812 E

STA. 2+58.70
INSTALL MANHOLE
575.058 N.
1,022.958 E.

P.T. STA. 2+46.81
INSTALL MANHOLE
584.101 N.
1060.282 E.

STA. 3+68.38 LINE B=
0+00 LATERAL B-1
INSTALL 45° WYE

STA. 5+79.53
INSTALL TEE AND 6" LINE TO F.H.
364.567 N.
826.606 E.

STA. 6+98.53
INSTALL 45° BEND

STA. 1+20.21
TIE TO CENTER OF 5' INLET

5' INLET

F.H.

30' Bldg. Set Back

60' Drainage & Util. Easement

Dallas Parkway

EXISTING 10" SANITARY SEWER

90° RCP

15' Drainage & Util. Easement

Asbuilt

THE COLONNADE
Phase One
MEDICAL CENTER

UTILITY PLAN

job no.

revisions

C6

12/14/83