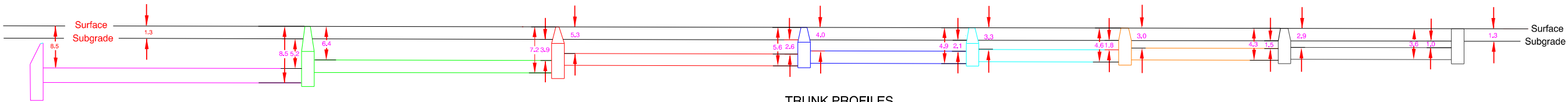


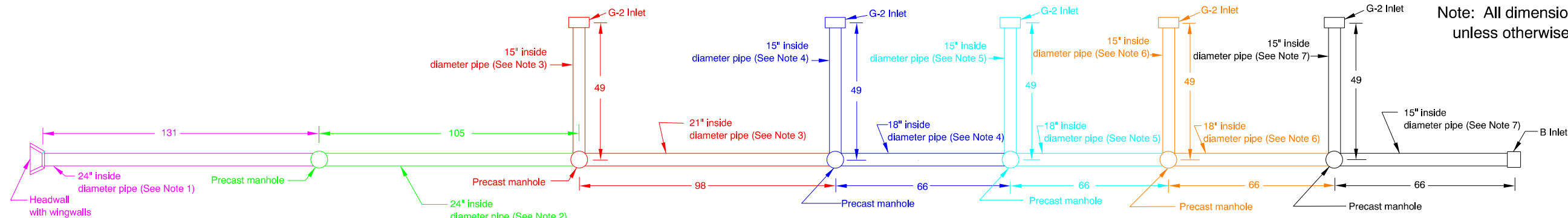
LATERAL PROFILES

No Scale



TRUNK PROFILES

No Scale Vertical Exaggeration



PLAN

No Scale

Note: All dimensions in feet unless otherwise noted.

INFORMATION IN NOTE 1

End treatment is headwall with wingwalls (shown on separate sheet)

Pipe length = 131 ft

Pipe diameter = 24"

Design cover (minimum cover over length of run) = 5.2 ft

Maximum cover over length of run = 8.5 ft

Alternate materials:
CPP
CPEP*
SAP/OHSR
SSP/OHSR - ALZD
RCP (CLASS III)
SWPVCP
SRPEP

INFORMATION IN NOTE 2

Precast manhole on downstream end. Depth of manhole = 8.5 ft

Pipe length = 105 ft

Pipe diameter = 24"

Design cover (minimum cover over length of run) = 3.9 ft

Maximum cover over length of run = 6.4 ft

Alternate materials:
CPP
CPEP*
SAP/OHSR
SSP/OHSR - ALZD
RCP (CLASS III)
SWPVCP
SRPEP

INFORMATION IN NOTE 3

Precast manhole on downstream end. Depth of manhole = 7.2 ft

Pipe length = 98 ft

Pipe diameter = 21"

Design cover (minimum cover over length of run) = 2.6 ft

Maximum cover over length of run = 5.3 ft

Alternate materials:
CPP
CPEP*
SAP/OHSR
SSP/OHSR - ALZD
RCP (CLASS III)
SWPVCP
SRPEP

*G-2" INLET ON UPSTREAM END

Pipe length = 49 ft

Pipe diameter = 15"

Design cover (minimum cover over length of run) = 1.3 ft

Maximum cover over length of run = 5.8

Alternate materials:
CAP
CSP
CSP-ALZD
RCP (CLASS IV)
SWPVCP **
SRPEP

INFORMATION IN NOTE 4

Precast manhole on downstream end. Depth of manhole = 5.6 ft

Pipe length = 66 ft

Pipe diameter = 18"

Design cover (minimum cover over length of run) = 2.1 ft

Maximum cover over length of run = 4.0 ft

Alternate materials:
CPP
CPEP*
SAP/OHSR
SSP/OHSR - ALZD
RCP (CLASS III)
SWPVCP
SRPEP

*G-2" INLET ON UPSTREAM END

Pipe length = 49 ft

Pipe diameter = 15"

Design cover (minimum cover over length of run) = 1.0 ft

Maximum cover over length of run = 4.2 ft

Alternate materials:
CAP
CSP
CSP-ALZD
RCP (CLASS IV)
SWPVCP**
SRPEP

INFORMATION IN NOTE 5

Precast manhole on downstream end. Depth of manhole = 4.9 ft

Pipe length = 66 ft

Pipe diameter = 18"

Design cover (minimum cover over length of run) = 1.8 ft

Maximum cover over length of run = 3.3 ft

Alternate materials:
SSP/OHSR - ALZD
RCP (CLASS III)
SWPVCP**
SRPEP

*G-2" INLET ON UPSTREAM END

Pipe length = 49 ft

Pipe diameter = 15"

Design cover (minimum cover over length of run) = 1.3 ft

Maximum cover over length of run = 3.5 ft

Alternate materials:
CAP
CSP
CSP-ALZD
RCP (CLASS IV)
SWPVCP**
SRPEP

INFORMATION IN NOTE 6

Precast manhole on downstream end. Depth of manhole = 4.6 ft

Pipe length = 66 ft

Pipe diameter = 18"

Design cover (minimum cover over length of run) = 1.5 ft

Maximum cover over length of run = 3.0 ft

Alternate materials:
RCP (CLASS III)
SSP/OHSR-ALZD
SWPVCP**
SRPEP

*G-2" INLET ON UPSTREAM END

Pipe length = 49 ft

Pipe diameter = 15"

Design cover (minimum cover over length of run) = 1.3 ft

Maximum cover over length of run = 3.2 ft

Alternate materials:
CAP
CSP
CSP-ALZD
RCP (CLASS IV)
SWPVCP**
SRPEP

INFORMATION IN NOTE 7

Precast manhole on downstream end. Depth of manhole = 4.3 ft

Pipe length = 66 ft

Pipe diameter = 15"

Design cover (minimum cover over length of run) = 1.0 ft

Maximum cover over length of run = 2.9 ft

Alternate materials:
CAP
CSP
CSP-ALZD
RCP (CLASS IV)
SWPVCP**
SRPEP

*G-2" INLET ON UPSTREAM END

Pipe length = 49 ft

Pipe diameter = 15"

Design cover (minimum cover over length of run) = 1.0 ft

Maximum cover over length of run = 2.9 ft

Alternate materials:
CAP
CSP
CSP-ALZD
RCP (CLASS IV)
SWPVCP**
SRPEP

NOTE: Pipe length is measured center of manhole to center of manhole
* AASHTO M 294 Type S or D, only.
** AWWA C 905, only.

PLATE 5-1
PLAN AND PROFILE FOR
STORM DRAIN EXAMPLE PROBLEM