B.M. 156.19 City Std. Disc 42.3 ft. E. and 44 ft. N of 1/4 Sec. corner at Country Acres Ave and 13th St.
B.M. 172.48 City Std. Disc. 31 ft. S. and 36 ft. E. of 1/4 Sec corner at Tyler Road and 17th St.

Scale Plan 1" = 40'
Profile 1" = 40' Horz
1" = 5' Vert.

NOTE: FIELD ENGINEER SHALL SET TOPS OF MANHOLES TO MATCH PROPOSED FINISHED GRADE AS DETERMINED BY THE DEVELOPER. RISERS AND ADDITIONAL STUBS SHALL BE INSTALLED ON THIS PROJECT TO SERVE LOTS WHERE THE DEPTH OF THE 8" SEWER IS GREATER THAN 10 FT. RISER CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SLOPING TRENCH WALL AS SHOWN ON STANDARD RISER DETAIL SHEET. LOCATIONS OF THE ENDS OF THE RISERS SHALL BE MARKED BY FASTENING GREEN PLASTIC COLORED TAPE TO THE END OF THE RISER AND BROUGHT TO FINISHED GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED. ALL RISERS SHALL BE CONSTRUCTED USING S.D.R. 23.5 A.B.S. PIPE. ELEVATIONS OF STUBS AND TOP OF RISERS SHALL BE SUCH THAT WILL FACILITATE CONNECTION OF BASEMENT DRAINS WHEN THESE LOTS ARE DEVELOPED.

HOLLAND LANE

Westridge Village Addition

GILES LANE

17th ST.

Sta 0+00 Line "1 Begin 8" Pipe

Sta 0+22 Const. Std. M.H. Type "B"

Replace Center Section Stone if disturbed

Sta 2+97 Line "1 Sta 0+00 Line "1A Const. Std. M.H. Type "A" or "C"

Sta 5+75 Const. Std. M.H. Type "A" or "C"

Sta 8+55 Const. Std. M.H. Type "A" or "C"

Sta 11+33 Line "1 Sta 0+00 Line "2 Const. Std. M.H. Type "A" or "C"

LINE "1

20' Utility Easement

10' Utility Easement

5' Sewer Easement

Westlink Village 16th Addition

WOODCHUCK

REDBARN

TOPAZ

FLOYD

Sta 0+00 Line "1 Begin 8" Pipe
Sta 0+22 Const. Std. M.H. Type "B"

Sta 2+97 Line "1 Sta 0+00 Line "1A Const. Std. M.H. Type "A" or "C"

Sta 5+75 Const. Std. M.H. Type "A" or "C"

Sta 8+55 Const. Std. M.H. Type "A" or "C"

Sta 11+33 Line "1 Sta 0+00 Line "2 Const. Std. M.H. Type "A" or "C"

Set top M.H. elevation @ 1572.2

Proposed T.C. St. 17th St.

LINE "1

AS BUILT
RBW
7-17-79

1133 L.F. of 8" A.B.S. Composite Pipe @ 0.30% Grade

LAT 137, SW. INTERCEPTOR SEWER
CITY OF WICHITA, KANSAS
R. W. LINN — CITY ENGINEER
DATE PROJ. NO. 468-76-245-80617-000-000-001

sheet 1 of 5

Scale Plan 1" = 40'
Profile 1" = 40' Horz.
1" = 5' Vert.

Sta 11+33 Line "1
Sta 0+00 Line "2
Const. Std. M.H.
Type "A" or "C"

Sta 14+20 Const. Std.
M.H. Type "A" or "C"

Sta 17+00 Const. Std.
M.H. Type "A" or "C"

Sta 19+60 Const. Std.
M.H. Type "A" or "C"

Sta 22+25 Const. Std.
M.H. Type "A" or "C"

Sta 22+50

LINE "1

15'

8'

& 10' Utility Easement

5' Sewer Easement

20' Utility Easement

4 | 3 | 2 | 1 | 13 | SOCORA | 18 | 17 | 16 | 15 Westlink | 14 Village | 13 16th Addition | 12 | 11 | 10 | 9 | 8 | 7

17th ST.

103' | 64' | 103' | 103' | 64' | 109' | 109' | 64' | 109' | 109' | 64' | 109' | 74.79' | 62.93'

SOCORA | RECA | EVERGREEN | TURQUOISE

Sta 11+33 Line "1
Sta 0+00 Line "2
Const. Std. M.H.
Type "A" or "C"

Sta 14+20 Const. Std.
M.H. Type "A" or "C"

Sta 17+00 Const. Std.
M.H. Type "A" or "C"

Sta 19+60 Const. Std.
M.H. Type "A" or "C"

Sta 22+25 Const. Std.
M.H. Type "A" or "C"

Sta 22+50

Proposed F.G. St. 17th St.

LINE "1

170 | 165 | 160 | 155 | 150

150.66 Flo. out
150.46 Flo. in
150.16 Flo. in (@ M.H.)

155.97 | 156.71 | 157.95 | 158.20 Flo | 159.19 | 160.83 | 161.67 Flo | 162.07 | 162.97 | 163.71 Flo | 162.87 | 163.27 | 162.67 | 162.17 Flo | 161.87

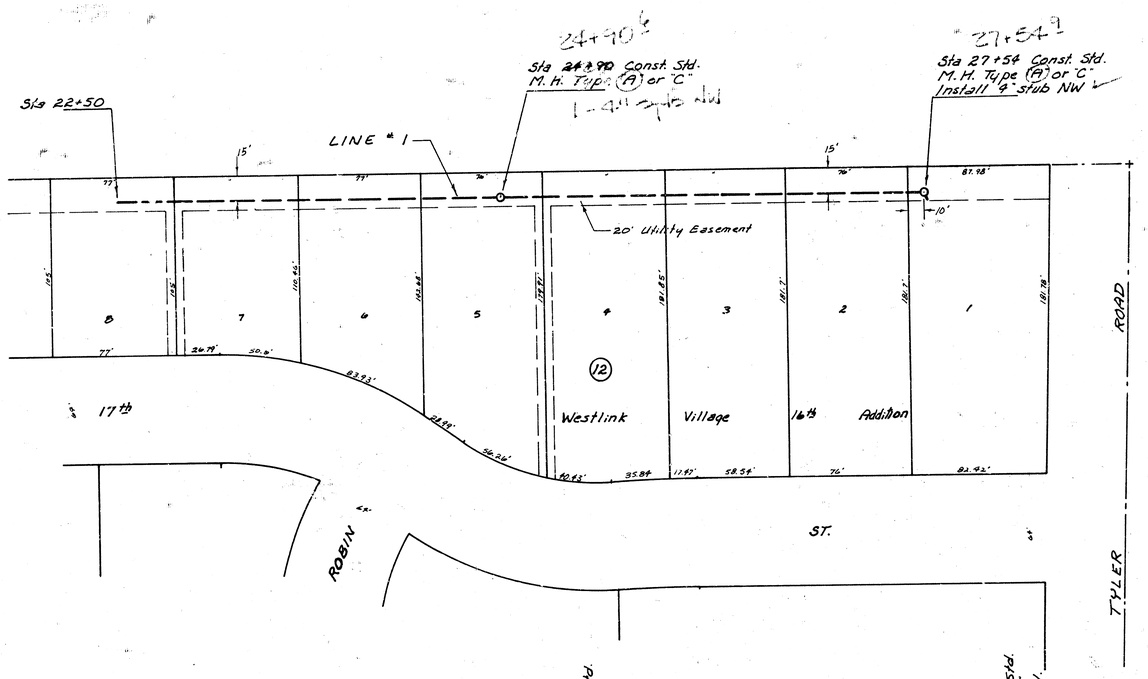
367 L.F. of 8" Clay Pipe @ 1.24 % Grade
Alternate 8" A.B.S. Composite Pipe

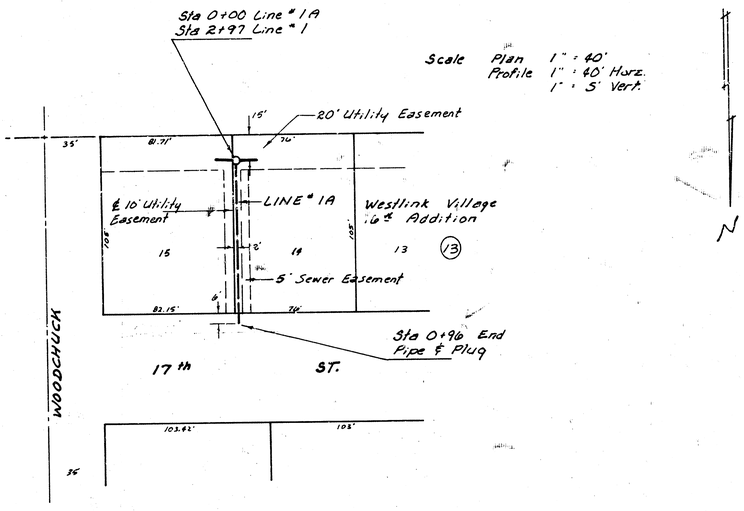
550 L.F. of 8" Clay Pipe @ 0.40 % Grade
Alternate 8" A.B.S. Composite Pipe

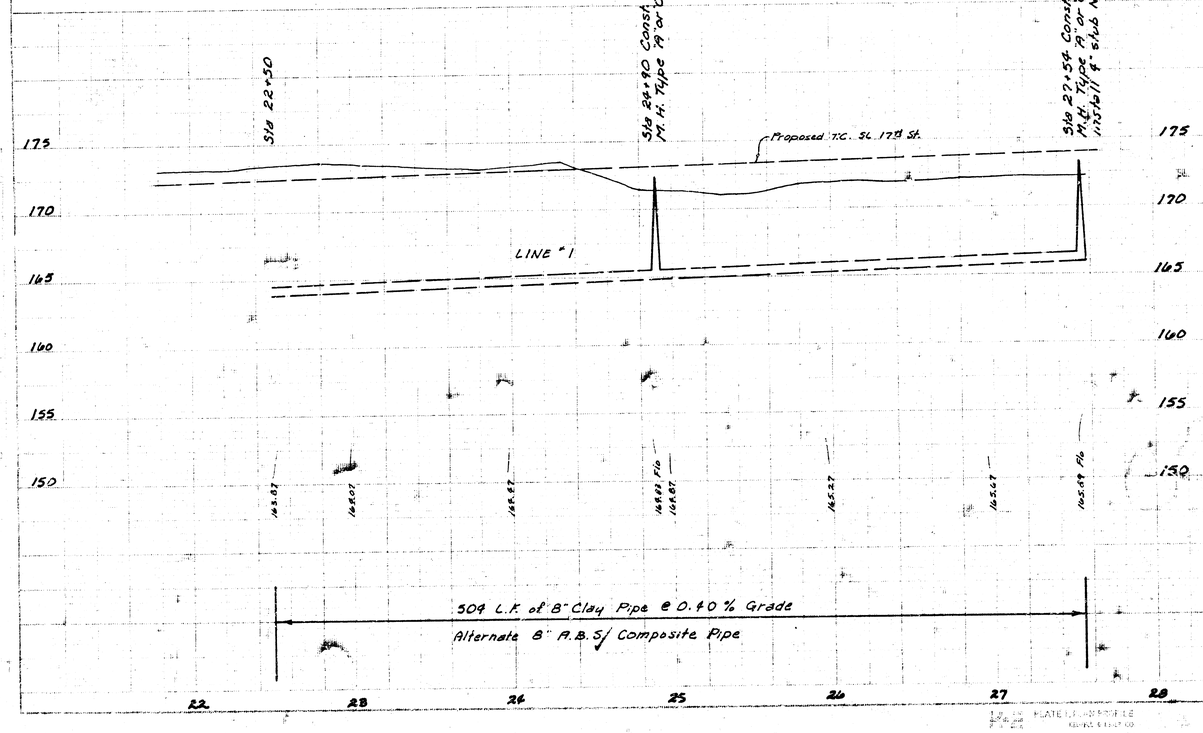
11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22

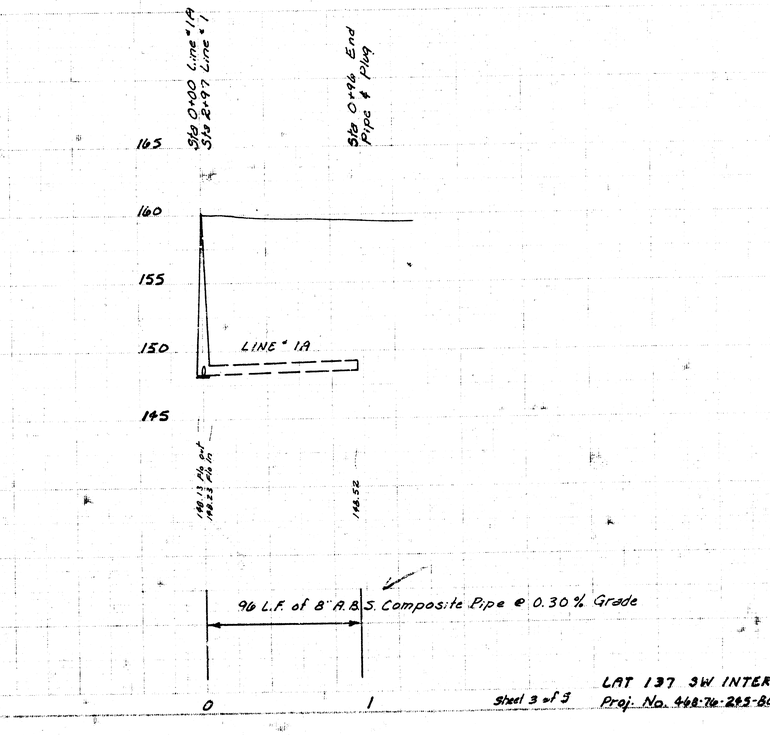
LAT 137 SW. INTERCEPTOR

Sheet 2 of 5 Proj. No. 448-76-245-80617-200-000-001







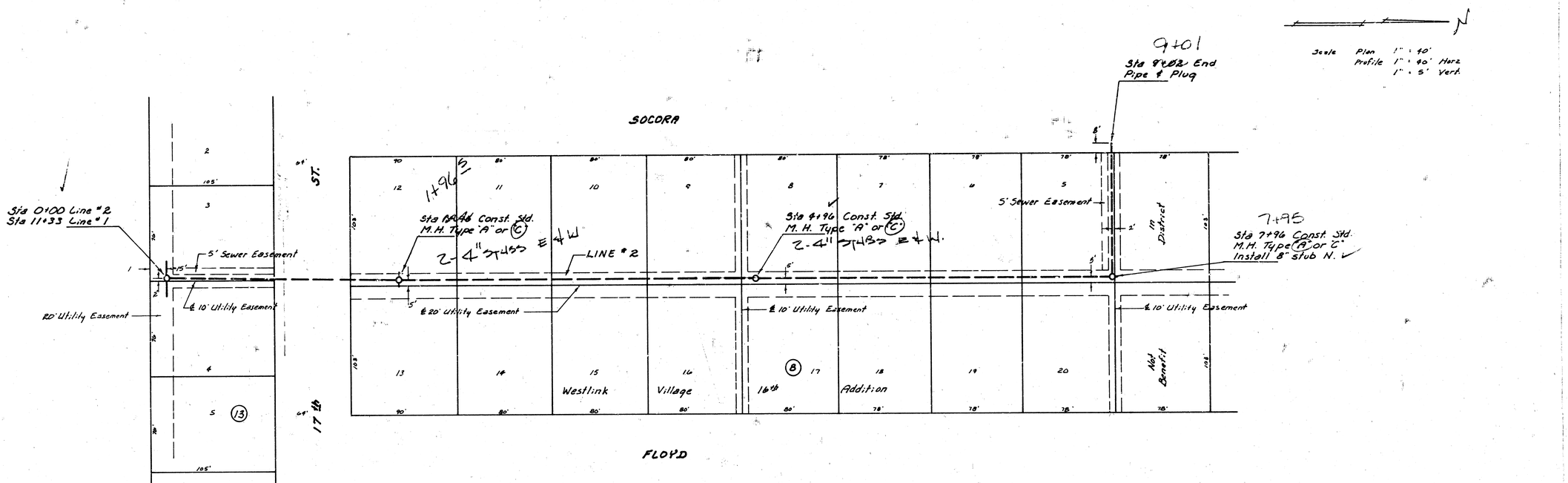


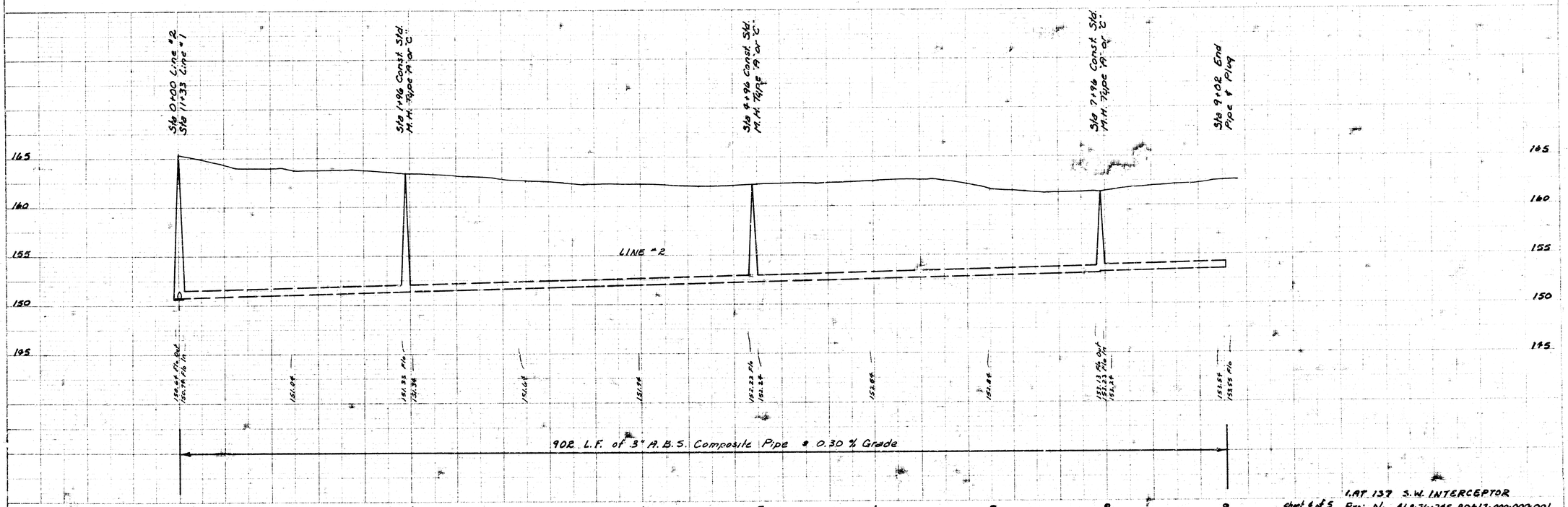
Sheet 3 of 3

LAT 137 3W INTERCEPTOR
Proj. No. 468-76-265-8061-7-000-000-001

PLAN

PROFILE

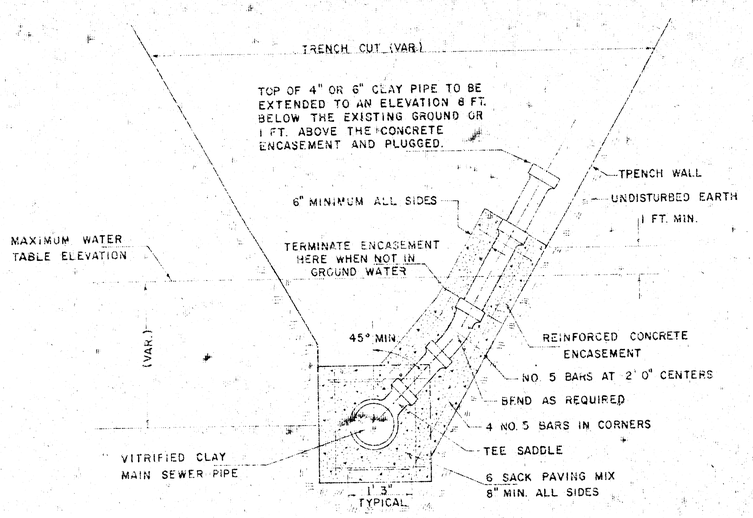




I.A.T. 137 S.W. INTERCEPTOR
Sheet 4 of 5 Proj. No. 468-76-245-80617-000-000-001

PLAT & PLAN-PROFILE
PIONEER BLUE CO.

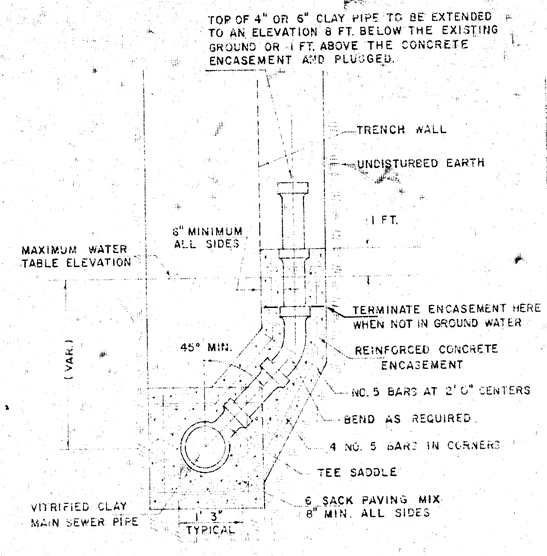
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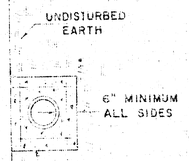


DETAIL FOR VERTICAL RISER
VITRIFIED CLAY PIPE
SLOPING TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES (CLAY PIPE RISER)

RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED TO SERVE COMERCIAL OR INDUSTRIAL PROPERTY AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE RESIDENTIAL PROPERTY. LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. ENCASEMENT OF VITRIFIED CLAY MAIN SEWER PIPE SHALL EXTEND TO THE FIRST JOINT IN THE MAIN SEWER PIPE ON EACH SIDE OF THE RISER INSTALLATION. ENCASEMENT OF 4" OR 6" VITRIFIED CLAY RISER PIPE SHALL EXTEND TO THE FIRST JOINT WHICH IS 1 FOOT OR MORE ABOVE THE MAXIMUM WATER TABLE ELEVATION.

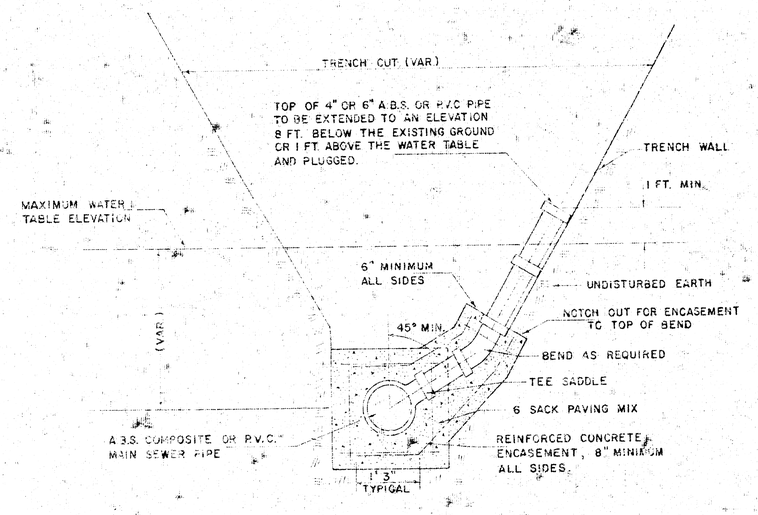




DETAIL FOR VERTICAL RISER
VITRIFIED CLAY PIPE
VERTICAL TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES (CLAY PIPE RISER)
((CONTINUED))

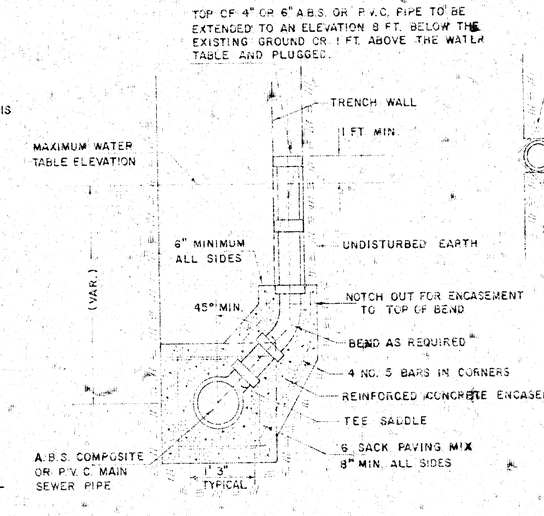
FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4" PIPE, 6" PIPE, AND REINFORCED CONCRETE ENCASEMENT FOR THE VARIOUS PIPE SIZES INDICATED WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING TEE SADDLE, TAPPING FEE, FITTINGS AND ALL OTHER NECESSARY MATERIALS OR WORK. TAP ON VITRIFIED CLAY MAIN SEWER PIPE SHALL BE COMPLETED BY THE CITY MAINTENANCE DEPARTMENT. THE PROJECT INSPECTOR SHALL KEEP A RECORD OF THE STATION OF RISERS INSTALLED, THE DIRECTION OF SERVICE, THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY QUANTITIES INVOLVED. CONTRACTOR'S METHOD FOR SUPPORTING AND BACK-FILLING RISER PIPE SHALL BE APPROVED BY THE ENGINEER. THE ENDS OF RISER PIPE SHALL BE CAPPED OR PLUGGED USING FITTINGS FURNISHED BY THE MANUFACTURER OF THE RISER PIPE.

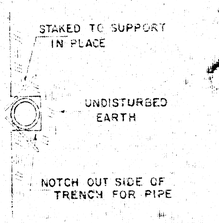


DETAIL FOR VERTICAL RISER
A.B.S. COMPOSITE OR P.V.C. PIPE
SLOPING TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES
(A.B.S. COMPOSITE OR P.V.C. PIPE RISER)

RISERS SHALL BE INSTALLED TO SERVE ALL PROPERTY WHICH IS PRESENTLY DEVELOPED WHEN THE MAIN SEWER LINE IS IN GROUND WATER OR WHEN THE MAIN SEWER LINE IS DEEPER THAN 8 FEET. RISERS SHALL BE INSTALLED TO SERVE UNDEVELOPED PROPERTY ONLY WHEN THE MAIN SEWER IS IN GROUND WATER. SIX INCH RISERS SHALL BE INSTALLED TO SERVE COMERCIAL OR INDUSTRIAL PROPERTY AND FOUR INCH RISERS SHALL BE INSTALLED TO SERVE RESIDENTAL PROPERTY. LOCATION OF RISERS TO SERVE DEVELOPED PROPERTY SHALL BE APPROVED BY THE PROPERTY OWNER. STUBS SHALL BE INSTALLED IN MANHOLES WHERE LOCATIONS OF MANHOLES WILL PROVIDE SATISFACTORY SERVICE CONNECTIONS AS DETERMINED BY THE FIELD ENGINEER OR AS SHOWN BY THE PLANS. ENCASEMENT OF A.B.S. COMPOSITE OR P.V.C. MAIN SEWER PIPE SHALL EXTEND A MINIMUM OF 3 FEET ON BOTH SIDES OF THE CENTERLINE OF THE RISER. FOUR INCH OR SIX INCH RISER PIPE SHALL BE ENCASED TO THE TOP OF THE BEND AS INDICATED IN THE DRAWINGS. FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICES BID FOR 4" PIPE, 6" PIPE, AND REINFORCED CONCRETE ENCASEMENT FOR THE VARIOUS MAIN SEWER PIPE SIZES INDICATED WHICH PRICE SHALL INCLUDE ALL COSTS FOR COMPLETION OF THIS ITEM INCLUDING TEE SADDLE, TAPPING FEE, FITTINGS AND ALL OTHER NECESSARY MATERIALS OR WORK.





DETAIL FOR VERTICAL RISER
A.B.S. COMPOSITE OR P.V.C. PIPE
VERTICAL TRENCH WALLS
(TYPICAL LEFT OR RIGHT)

GENERAL NOTES
(A.B.S. COMPOSITE OR P.V.C. PIPE RISER)
((CONTINUED))

CONCRETE ENCASEMENT OF A.B.S. OR P.V.C. RISER PIPE TO THE TOP OF THE BEND AS SHOWN BY THE DRAWING WILL NOT BE PAID FOR DIRECTLY AND THE COST FOR THIS WORK SHALL BE CONSIDERED AS SUBSIDIARY TO THE OTHER ITEMS OF WORK. THE PROJECT INSPECTOR SHALL KEEP A RECORD OF THE STATION OF RISERS INSTALLED, THE DIRECTION OF SERVICE, THE ELEVATION OF THE TOP OF THE RISER, AND THE PAY QUANTITIES INVOLVED. CONTRACTOR'S METHOD FOR SUPPORTING AND BACKFILLING RISER PIPE SHALL BE APPROVED BY THE ENGINEER. THE ENDS OF RISER PIPE SHALL BE CAPPED OR PLUGGED USING FITTINGS FURNISHED BY THE MANUFACTURER OF THE RISER PIPE.

VERTICAL RISER DETAIL

ADOPTED AS STANDARD DESIGN
BY
ENGINEERING DIVISION
CITY OF WICHITA, KANSAS
R. W. LINN — CITY ENGINEER
1977

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