NOTE: PIPE BETWEEN STATION 0 + 00 AND STATION 1 + 70.3 ON THIS PROJECT SHALL BE SAME TYPE OF PIPE AS THAT WHICH IS TO BE INSTALLED BY CONTRACTOR FOR CONSTRUCTING LATERAL 101, SOUTHWEST INTERCEPTOR.

CONTRACTOR NOTE:

SEE SHEET NO. 3 FOR NOTE CONCERNING INSTALATION OF RISERS.

Plan Scale: 1" = 40'
Profile Scale: 1" = 40'
1" = 5'

FIELDCREST CIRCLE

WESTLINK VILLAGE 14th ADDN.

PARKDALE

MARS

Sta. 1+70.3 Construct Std. M.H. Type "A" or "C"

Sta. 3+85.4 Line 1
Sta. 0+00 Line 2
Construct Std. M.H. 33 Type "A" or "C"

Sta. 4+13.1 Construct Std. M.H. Type "A" or "C"

Sta. 5+46.1 Plug Pipe End Construction

Sta. 0+00 Line 2
Sta. 3+85.4 Line 1
Construct Std. M.H. Type "A" or "C"

Sta. 3+38 Line 2
Sta. 0+00 Line 3
Construct Std. M.H. Type "A" or "C"

Proposed Sewer Lat. 101, SOUTHWEST INTERCEPTOR

Sta. 0+00 Line 1
Remove Plug
Begin Construction

SKYVIEW

Proposed 8" P.V.C. With Line

B.M. 1748 R.R. Spike N. fc. P.P. approx. 200' S. & 100' W. of N.W. corner Nantucket & Lark.

B.M. 1566 R.R. Spike N. fc. P.P. approx. 90' W & 20' S. of N.W. corner 13th & Parkdale.

Sta. 0+00 Remove Plug Begin Construction

Sta. 1+70.3 Construct Std. M.H. Type "A" or "C"

Sta. 3+85.4 Line 1
Sta. 0+00 Line 2
Construct Std. M.H. Type "A" or "C"

Sta. 4+13.1 Construct Std. M.H. Type "A" or "C"

Sta. 5+46.1 Plug Pipe End Construction

Sta. 0+00 Line 2
Sta. 3+85.4 Line 1
Construct Std. M.H. Type "A" or "C"

Sta. 3+38 Line 2
Sta. 0+00 Line 3
Construct Std. M.H. Type "A" or "C"

Proposed E. sb. Fieldcrest Cir.

Proposed W. sb. Skyview

Line 1

Proposed S. sb. Mars

Proposed N. sb. Fieldcrest Cir.

Line 2

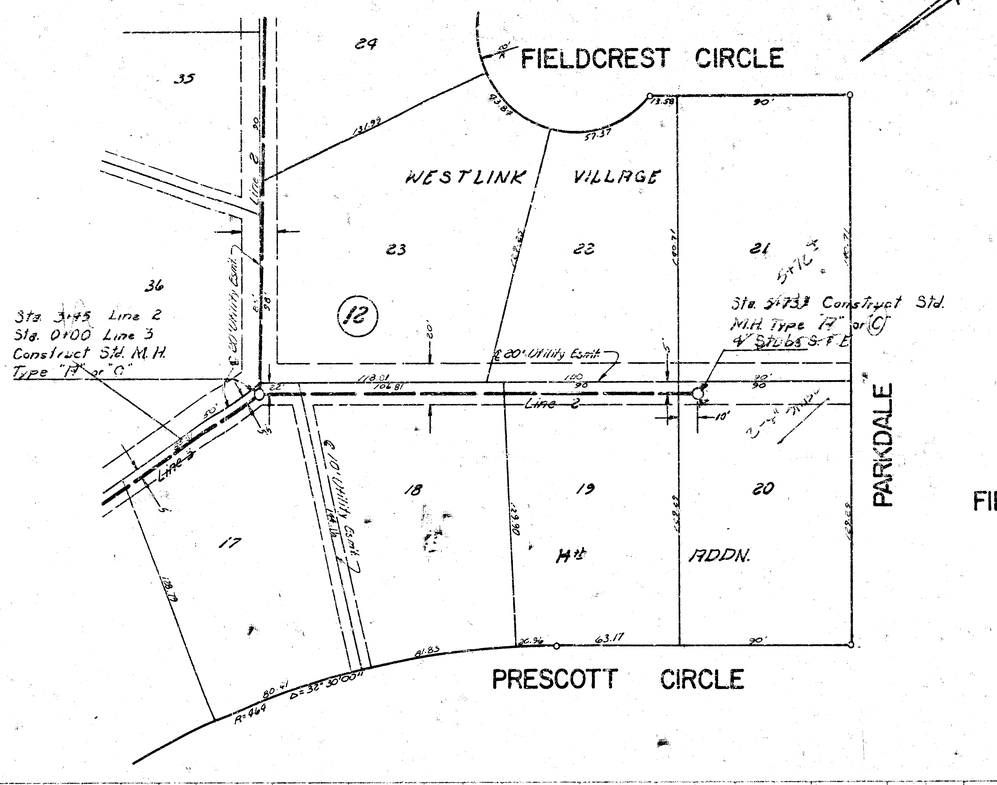
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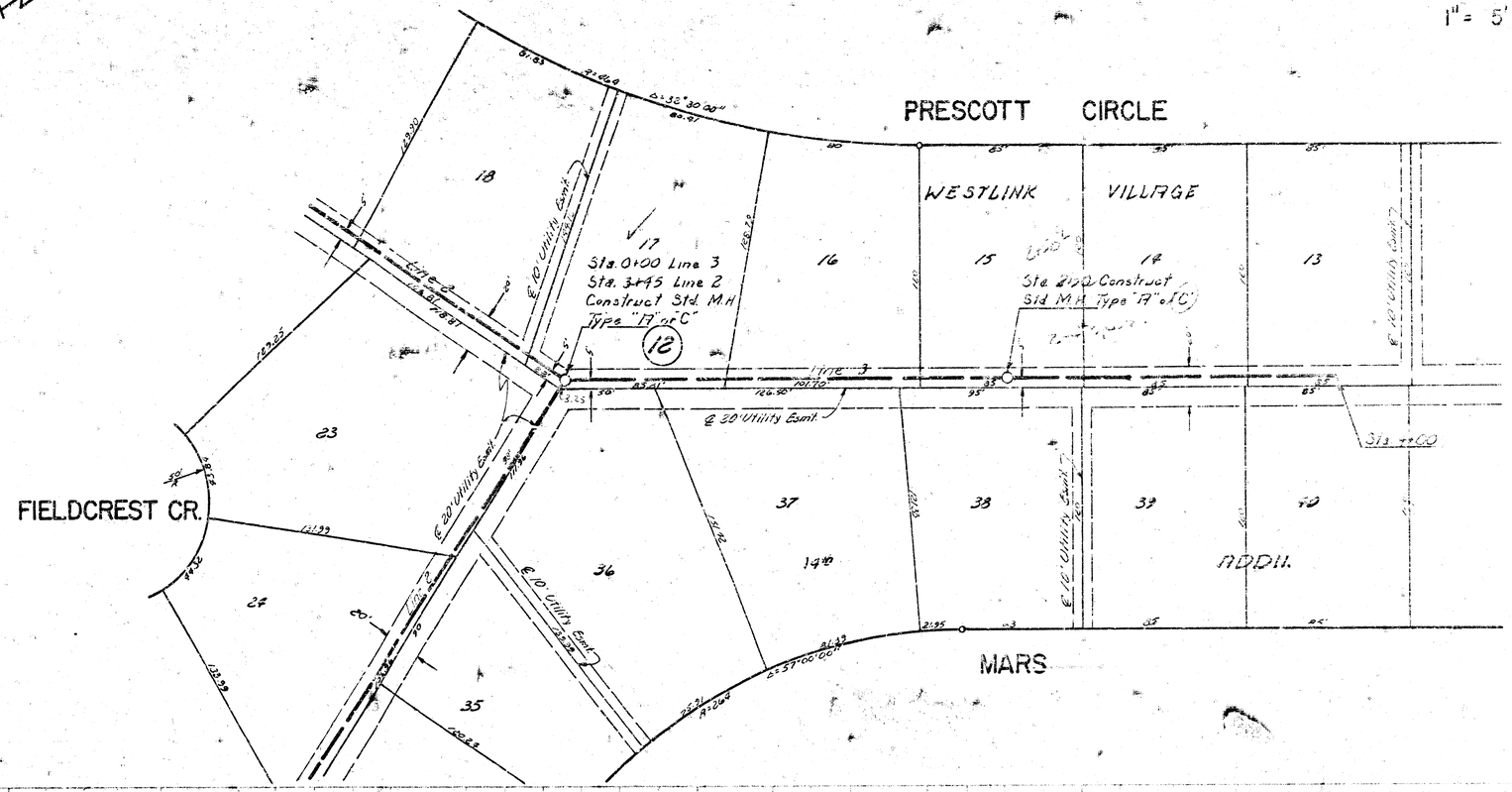
594.1 L.F. 8" Clay Pipe @ 0.40% Grade
Alternate 8" P.V.C. Composite Pipe

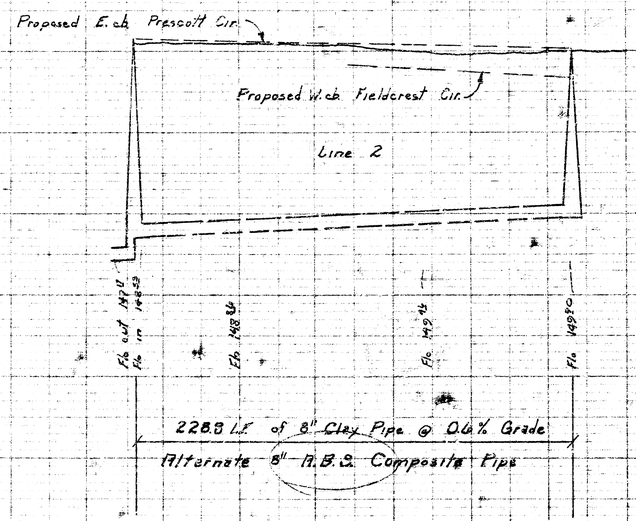
395.0 L.F. 8" C.M.P. Pipe @ 0.60% Grade
Alternate 8" P.V.C. Composite Pipe

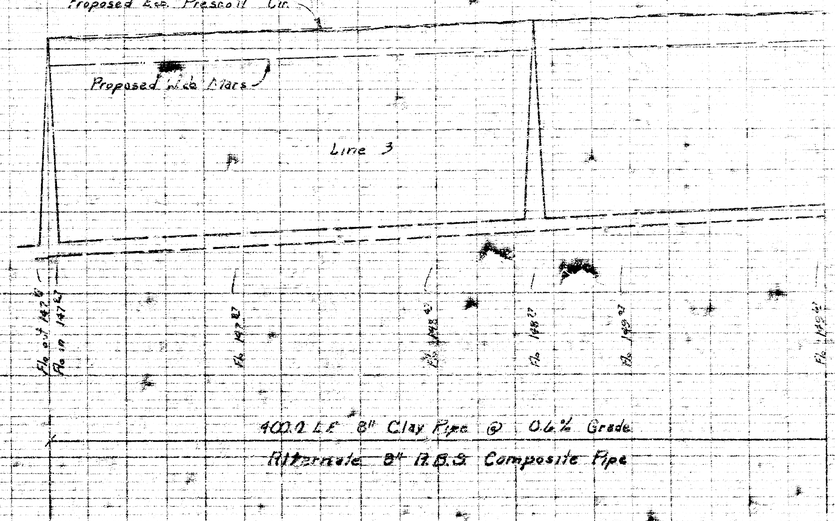
LAT III SOUTHWEST INTERCEPTO
CITY OF WICHITA, KANSAS
R.W. LINN — CITY ENGINE
PROJECT NUMBER: 468-76-245-60384-000-000-0

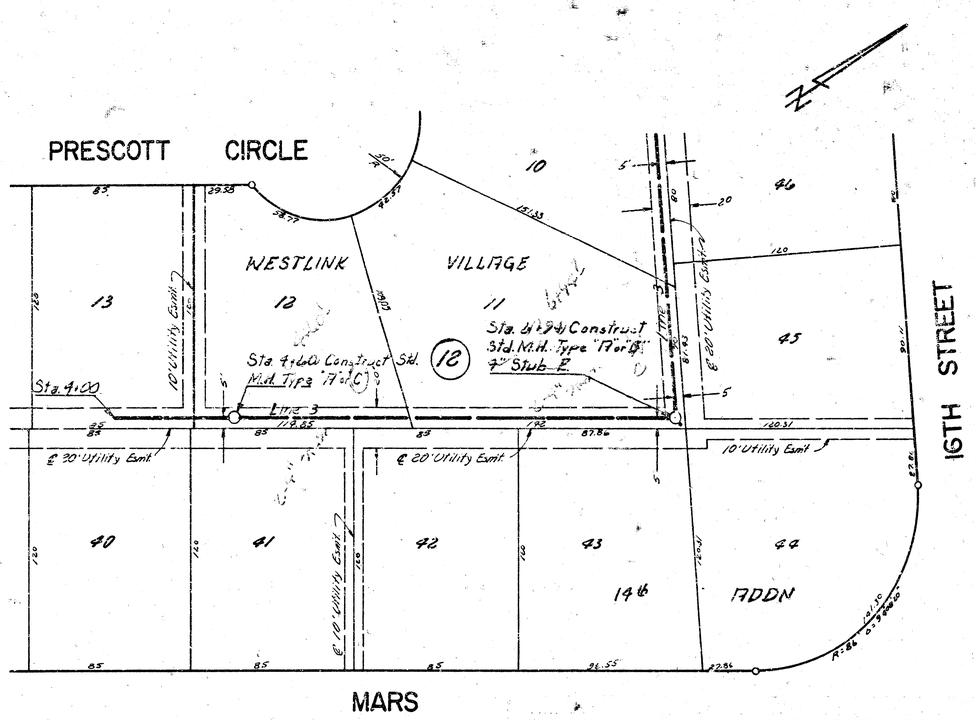
Plan Scale: 1" = 40'
Profile Scale: 1" = 40' Hor.
1" = 5' Ver.

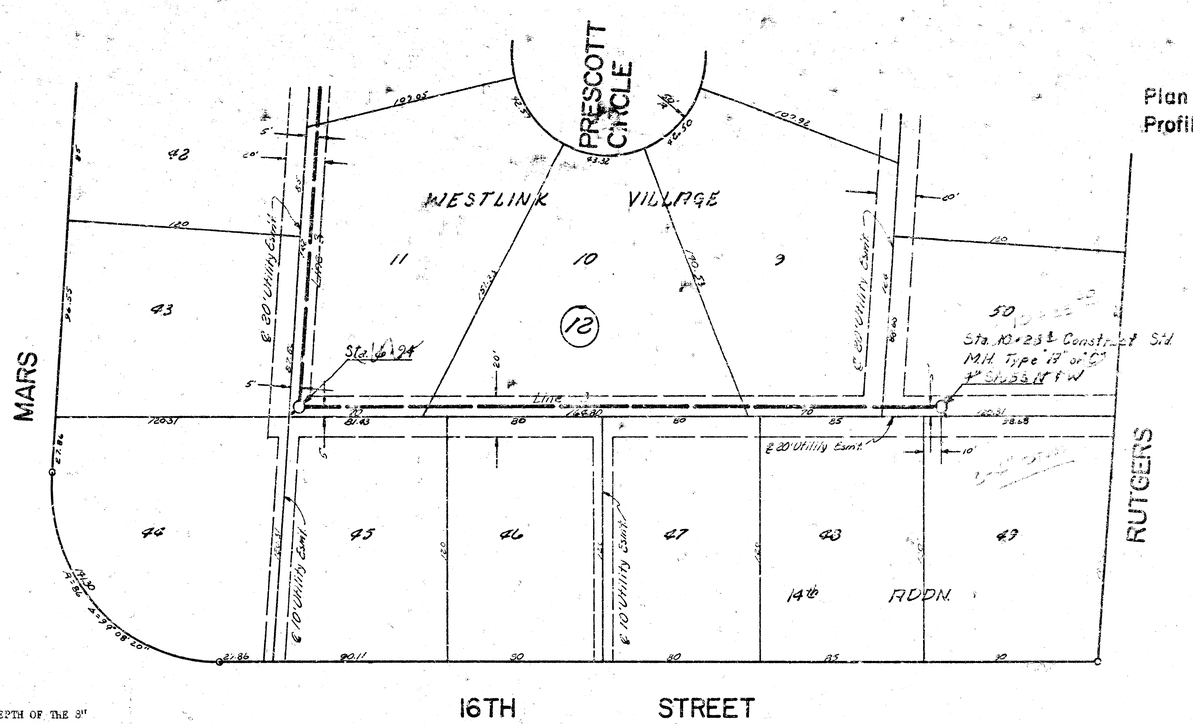






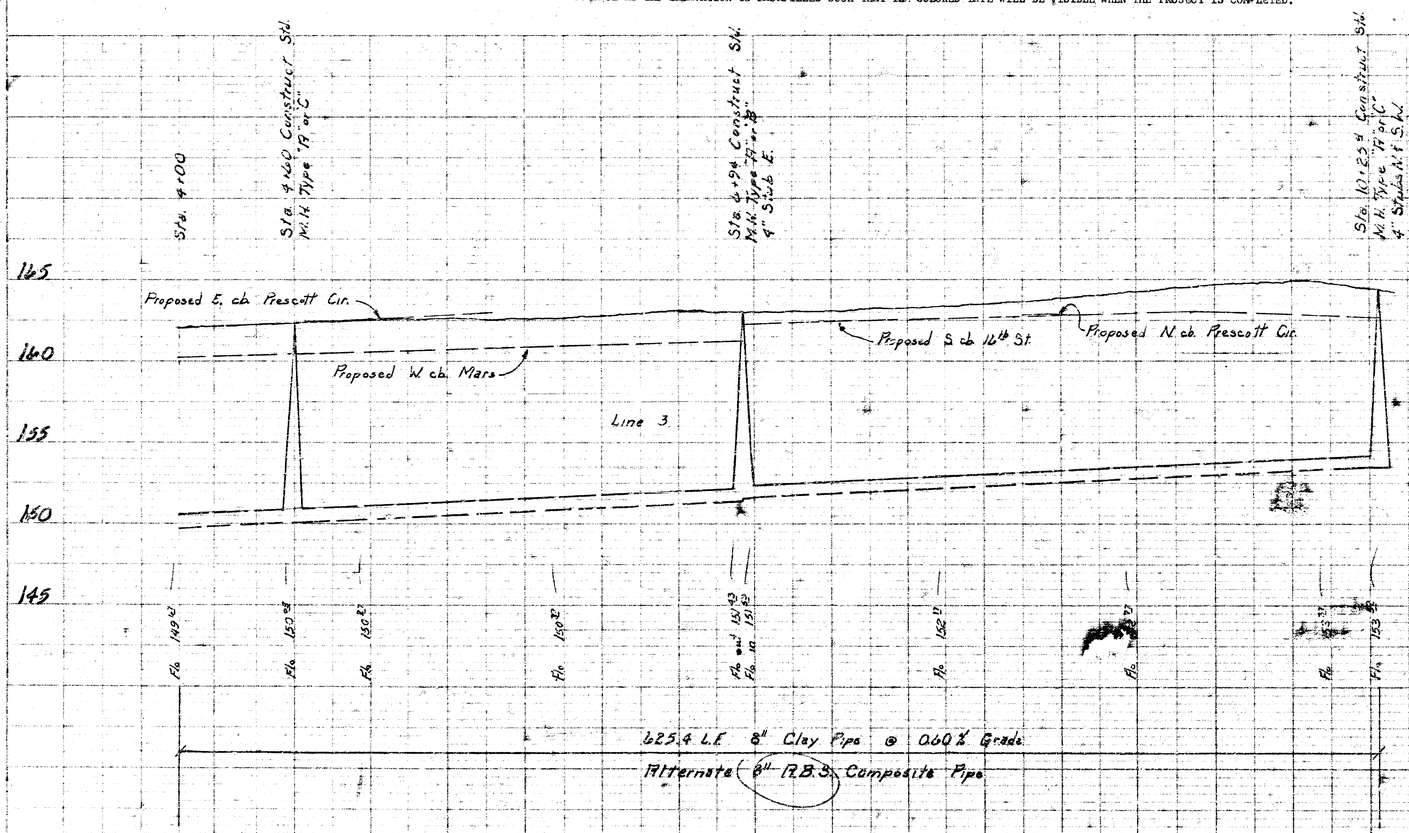


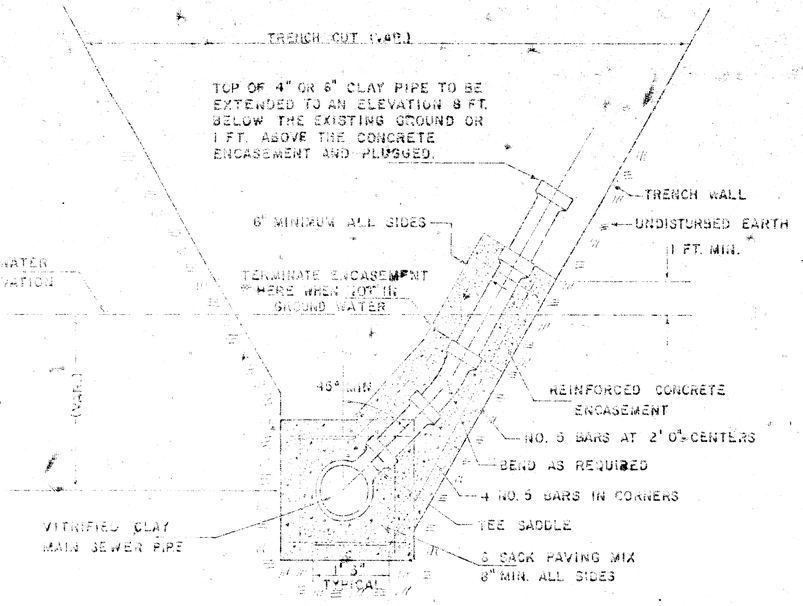




Plan Scale: 1" = 40'
Profile Scale: 1" = 40'
1" = 5'

NOTE: RISERS OR STUBS IN MANHOLES SHALL BE CONSTRUCTED ON THIS PROJECT TO SERVE LOTS WHERE THE DEPTH OF THE 8" SEWER IS GREATER THAN 10', STUBS SHALL BE INSTALLED IN MANHOLES AT ELEVATIONS 10' BELOW EXISTING GROUND. RISERS SHALL BE CONSTRUCTED TO AN ELEVATION 10' BELOW EXISTING GROUND ELEVATION. 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 THE GROUND SURFACE AS THE EXCAVATION IS BACKFILLED SUCH THAT THE COLORED TAPE WILL BE VISIBLE WHEN THE PROJECT IS COMPLETED.





DETAIL FOR VERTICAL RISER

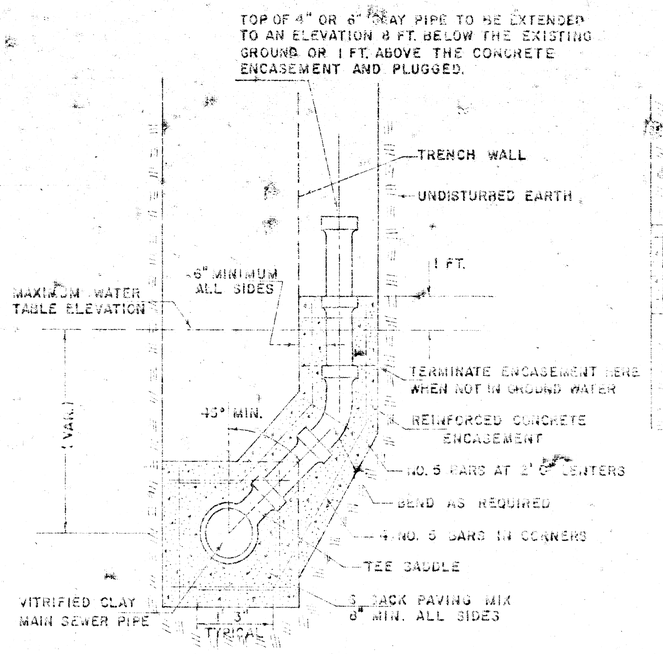
VITRIFIED CLAY PIPE

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 COMMERCIAL 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.

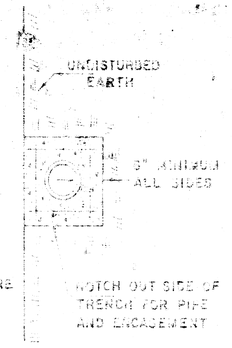


DETAIL FOR VERTICAL RISER

VITRIFIED CLAY PIPE

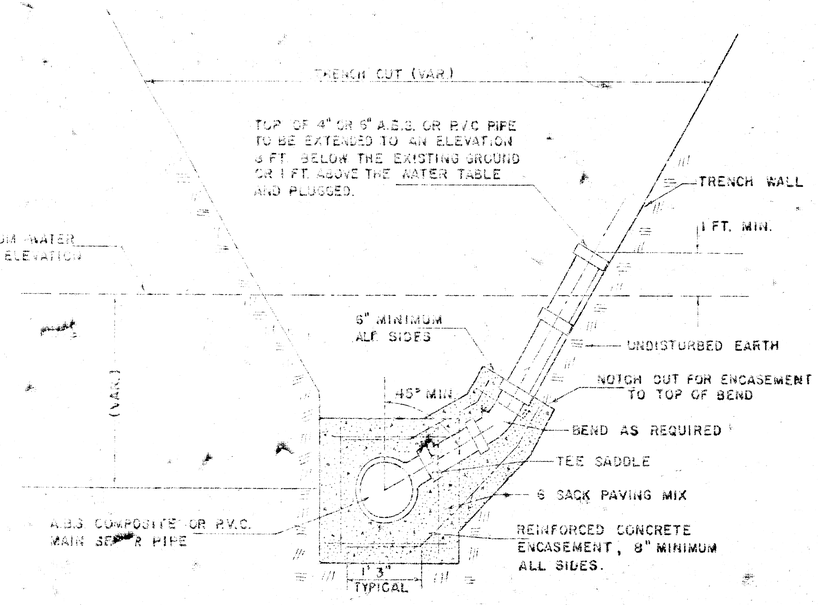
VERTICAL TRENCH WALLS

(TYPICAL LEFT OR RIGHT)



GENERAL NOTES (CLAY PIPE RISER CONTINUED)

FURNISHING AND INSTALLING RISERS SHALL BE PAID FOR AT THE UNIT PRICE 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 OF VITRIFIED CLAY MAIN SEWER PIPE SHALL BE COMPLETED BY THE CITY UTILITIES 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 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.



DETAIL FOR VERTICAL RISER

A.B.S. COMPOSITE OR P.V.C. PIPE

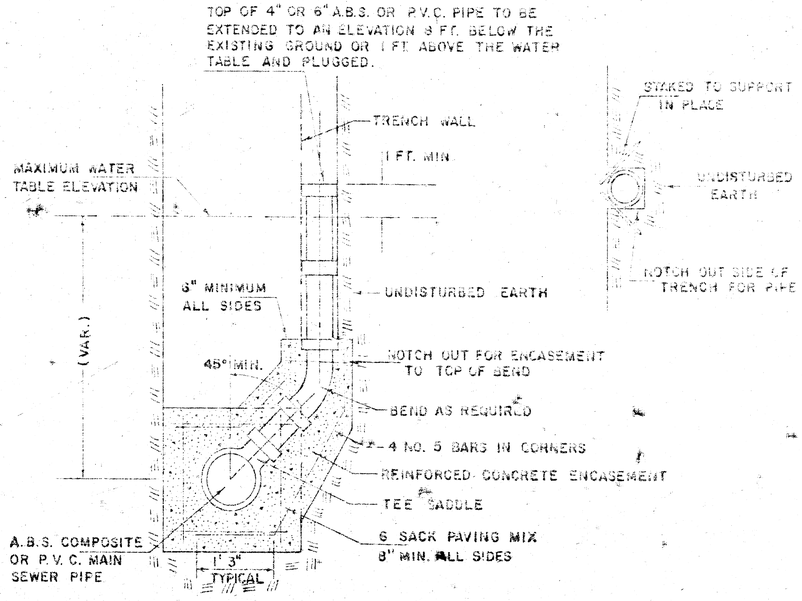
SLOPING TRENCH WALLS

(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



DETAIL FOR VERTICAL RISER

A.B.S. COMPOSITE OR P.V.C. PIPE

VERTICAL TRENCH WALLS

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 DETA

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