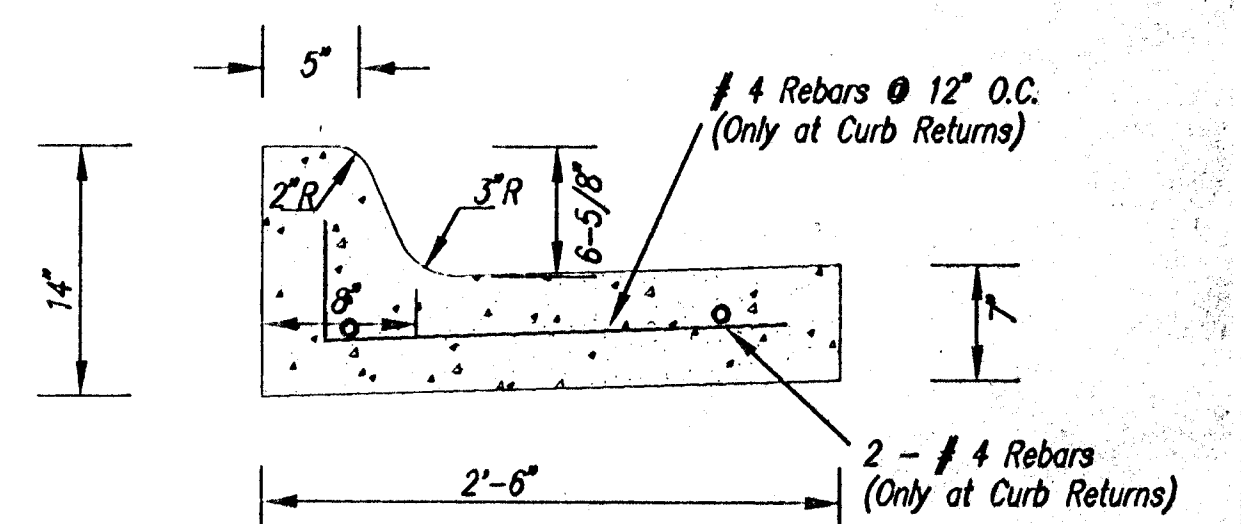
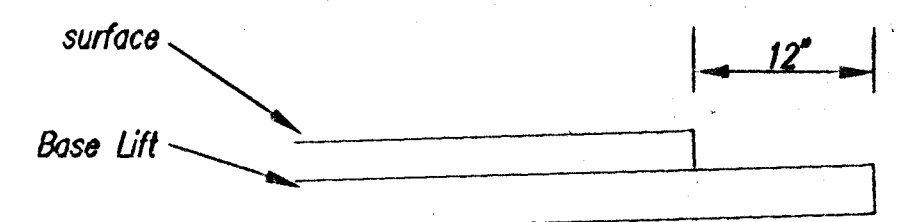


TYPICAL SECTION

ENTIRE PROJECT EXCEPT
FROM STA. 10+12.46 TO STA. 12+92.61, RT. SIDE
(BANK IV STREETSCAPE)
AND EXCEPT 22+88.10 *
FROM STA. 20+54.67 TO STA. 22+25.15, LT. SIDE
(EMPIRE BANK STREETSCAPE)



COMBINED CURB & GUTTER



TRANSVERSE CONSTRUCTION JOINTS

Transverse construction joints shall be constructed in flexible base pavements at locations where pavement joins existing flexible base pavement as shown by the detail. All costs associated with the construction of the transverse joint shall be included in the bid price for square yard 7" Asphaltic Concrete Pavement (5" Bit. base).

GENERAL NOTES:

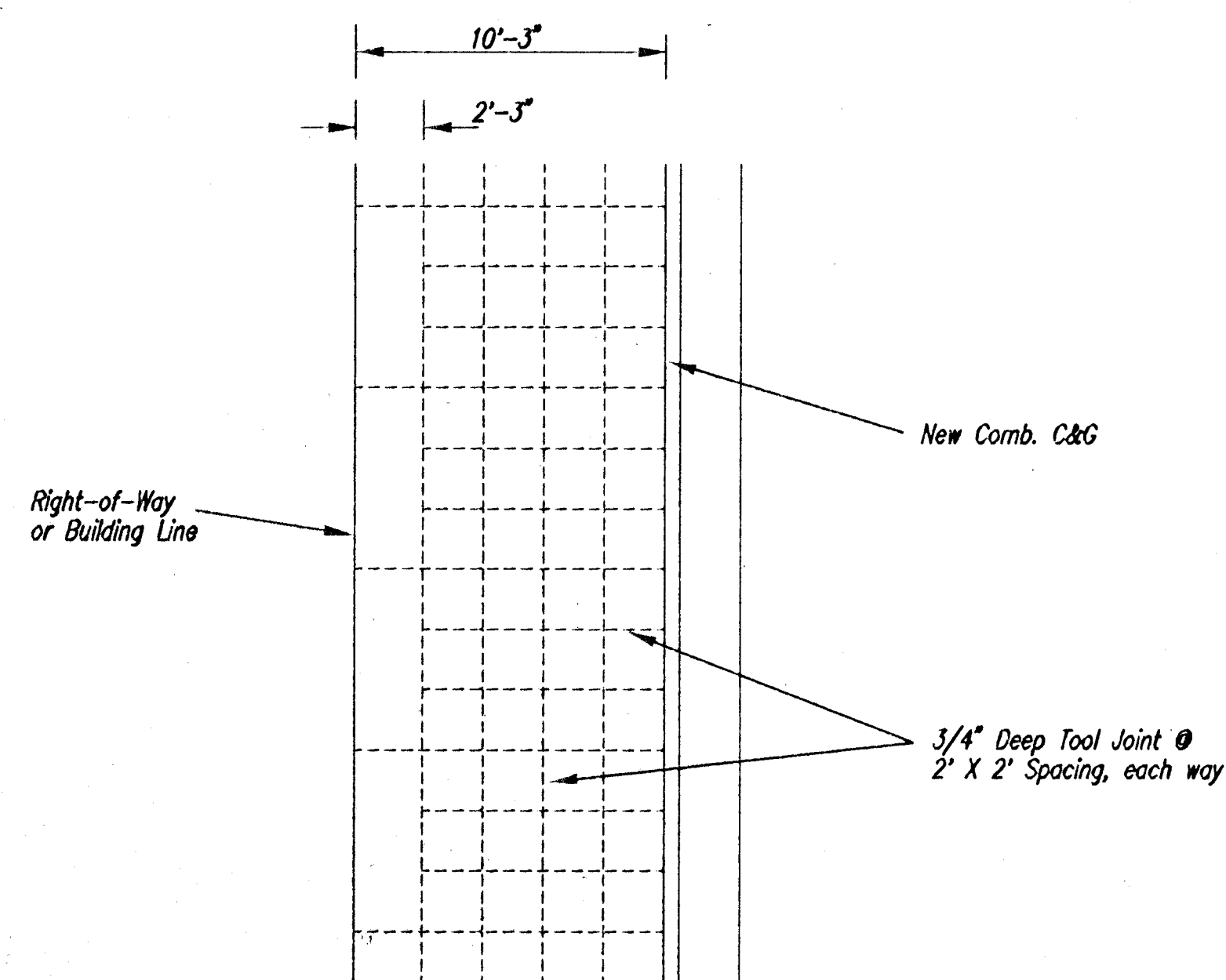
Fabric Base Reinforcement shall be B X 1100 by Tensor Corporation or approved equal. Fabric Base Reinforcement shall be installed in accordance with manufacturer's recommendations. Crushed rock shall be uniformly graded from 1-1/2" maximum size to no more than 10% passing a No. 200 sieve. Rock quality shall be the same as specified for coarse aggregate for concrete mixes.

Rock Base is to be compacted and smoothed with a steel faced roller prior to placement of Asphalt. Tack coat will not be applied to rock base.

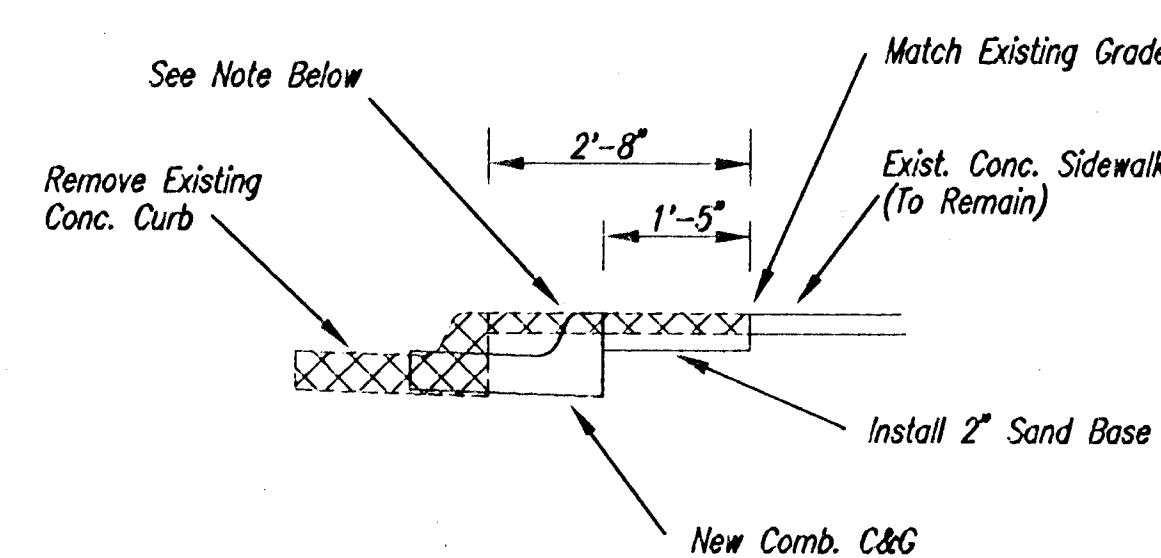
A tack coat of Emulsified Asphalt (SC-1H or CSS-1H) shall be applied at an approximate rate of 0.05 gallons per square yard between each lift of asphaltic material.

Bituminous Base and Asphaltic Concrete wearing Surface shall be placed with a laydown machine having automatic controls for line and grade.

Construction joints in each lift shall be staggered a minimum distance of one (1) foot from joints in preceding lifts and placed so that a joint will be constructed on the centerline of the top lift.



SIDEWALK JOINT PATTERN



NOTE: Remove existing bricks/pavers from 2'-8" area. Clean, wash and store bricks/pavers. Reinstall bricks in 1'-5" area over 2" sand base. Brick/Paver pattern to match existing patterns.

TYPICAL SECTION

FROM STA. 10+12.46 TO STA. 12+92.61, RT. SIDE
(BANK IV STREETSCAPE)
22+88.10 *
FROM STA. 20+54.67 TO STA. 22+25.15, LT. SIDE
(EMPIRE BANK STREETSCAPE)

* REVISED W/ADDENDUM ; 9-14-97

TYPICAL SECTIONS BROADWAY AVENUE FROM DOUGLAS TO CENTRAL		
SCALE:	APPROVED:	DRAWN BY:
DATE:	CHECKED:	SHEET NO.:
PROJECT NO.:		3 OF 47
MUNICIPAL ENGINEERS, P.A. 264-LAURA, SUITE 201 WICHITA, KANSAS 67211 316-262-3842		

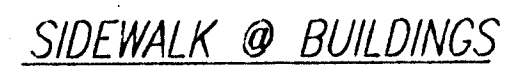
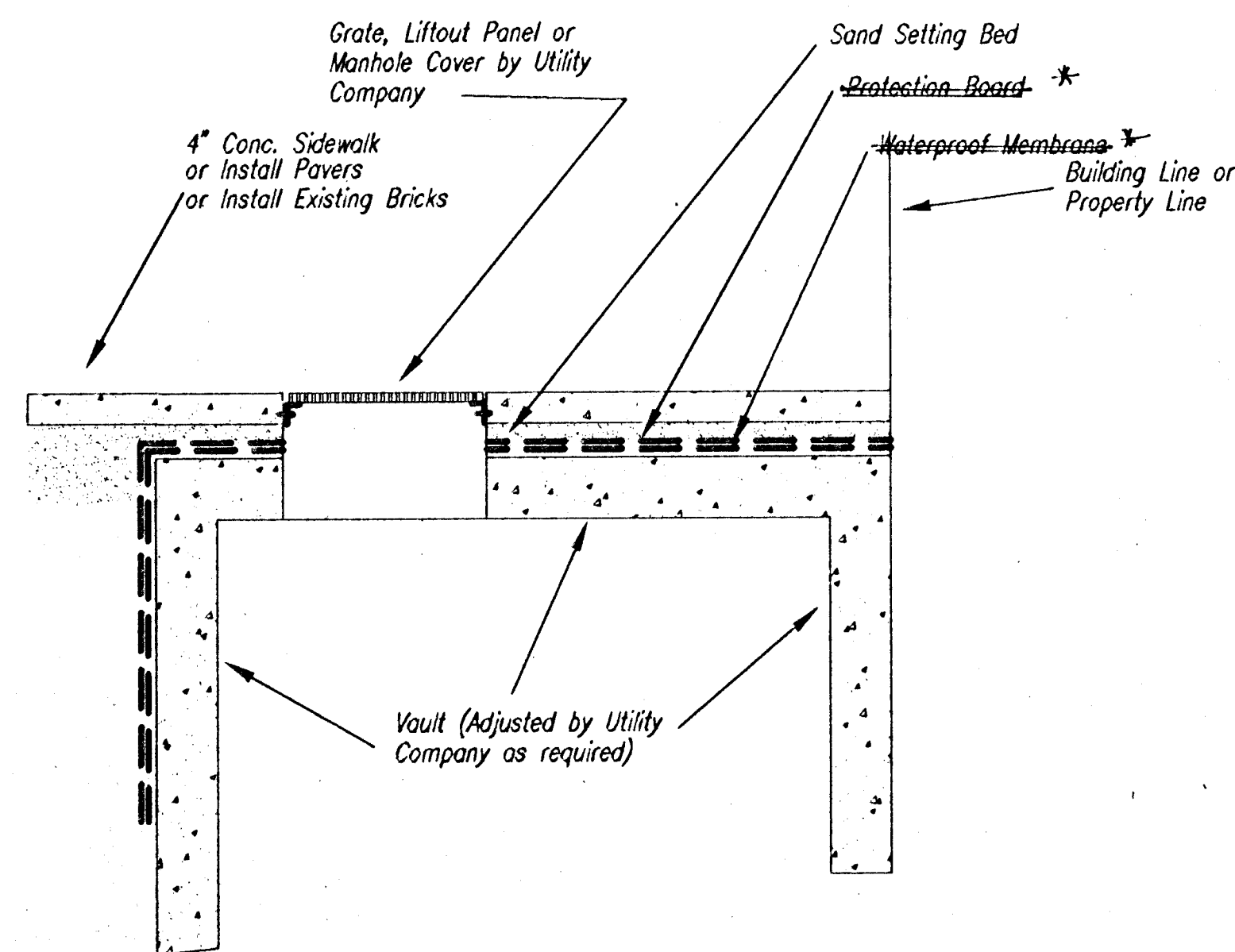


Diagram illustrating the construction details of a foundation wall and sidewalk, showing the following components and labels:

- New C&G
- Top of Basement or Structure
- 4" Conc. Sidewalk
- Waterproof Membrane
- Protection Board
- Sand Setting Bed
- Building Line or Property Line

CONC. WALK OVER BASEMENTS



CONC. WALK OVER UTILITY VAULTS

SPECIFICATIONS FOR BASEMENT WATERPROOFING:

ALTERNATIVE 1:

PAVERS FOR SIDEWALKS

PAVERS FOR SIDEWALKS (VEHICULAR)
(THROUGH DRIVEWAYS)

Diagram illustrating the cross-section of a concrete curb and gutter assembly. The assembly consists of the following layers and components:

- Top Layer:** CONC. PAVER (Concrete Paver). SEE NOTE 1, THIS SHEET.
- Base Layer:** 6-1/4" REINFORCED CONC. BASE (6 and 1/4 inch Reinforced Concrete Base).
- Subgrade:** 5/8" SAND BASE (1" LOOSE) (5/8 inch Sand Base, 1 inch loose).
- Reinforcement:**
 - WWF 6" x 6" W6 X W6 (TYP.) (Welded Wire Fabric, 6 inch x 6 inch, typical).
 - #4 X 2'0" TIE BARS @ 2'6" CTRS (4 number 4 bars, 2 foot long, spaced at 2 foot 6 inch centers).
 - METAL KEYWAY (TYP.) (Metal Keyway, typical).
- Dimensions:**
 - Overall width: 8.0' (8 feet).
 - Curb height: 10" (10 inch).
 - Gutter width: 3" (3 inch).
 - Base layer thickness: 2-1/2" (2 and 1/2 inch).
- Notes:**
 - SEE NOTE 4, THIS SHEET (Refer to Note 4 on this sheet).

CONCRETE PAVER CROSS-WALK DETAILS

GENERAL NOTES

1. CONCRETE PAVERS:

* REVISED W/ ADDENDUM; 9/15/97

**BROADWAY AVENUE
DOUGLAS TO CENTRAL
MISC. DETAILS**

SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO:		SHEET NO: 4 OF 47

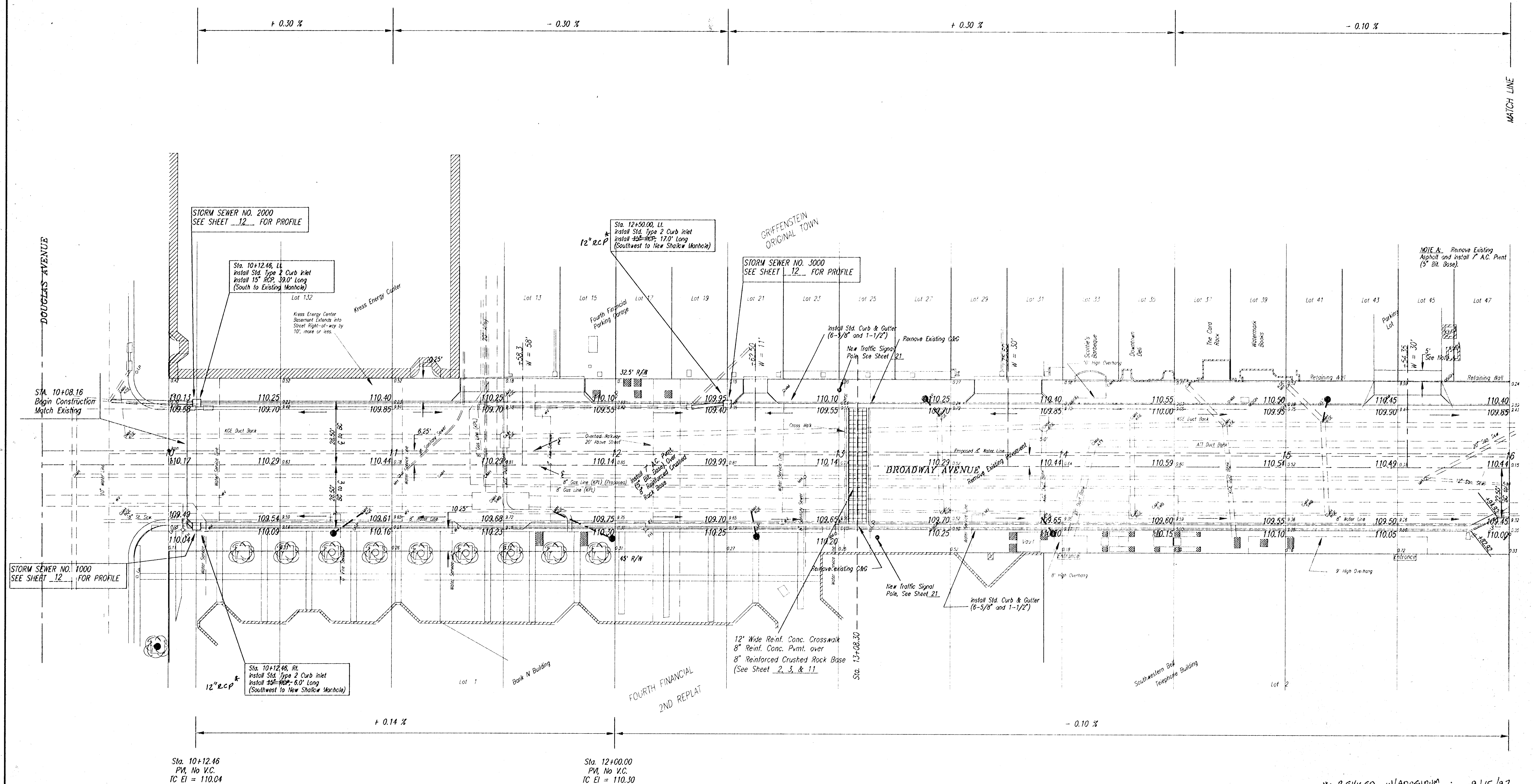
ME MUNICIPAL ENGINEERS. P.A.
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

Sta. 10+12.46
PVI, No V.C.
IC EI = 110.13

Sta. 11+00.00
PVI, No V.C.
IC EI = 110.40

Sta. 12+50.00
PVI, No V.C.
IC EI = 109.95

Sta. 14+50.00
PVI, No V.C.
IC EI = 110.55



LEGEND:

● — — Light Pole Footings and 2" PVC Conduit
See Sheet 19.

* REVISED w/ADDENDUM : 9/15/97

BROADWAY AVENUE
FROM DOUGLAS TO CENTRAL

SCALE:	APPROVED:	DRAWN BY:
DATE:	CHECKED:	
PROJECT NO.:	SHEET NO.:	5 OF 47

ME MUNICIPAL ENGINEERS, P.A.
254 - LAURA, SUITE 201
WICHITA, KANSAS 67211
318 - 282 - 3812

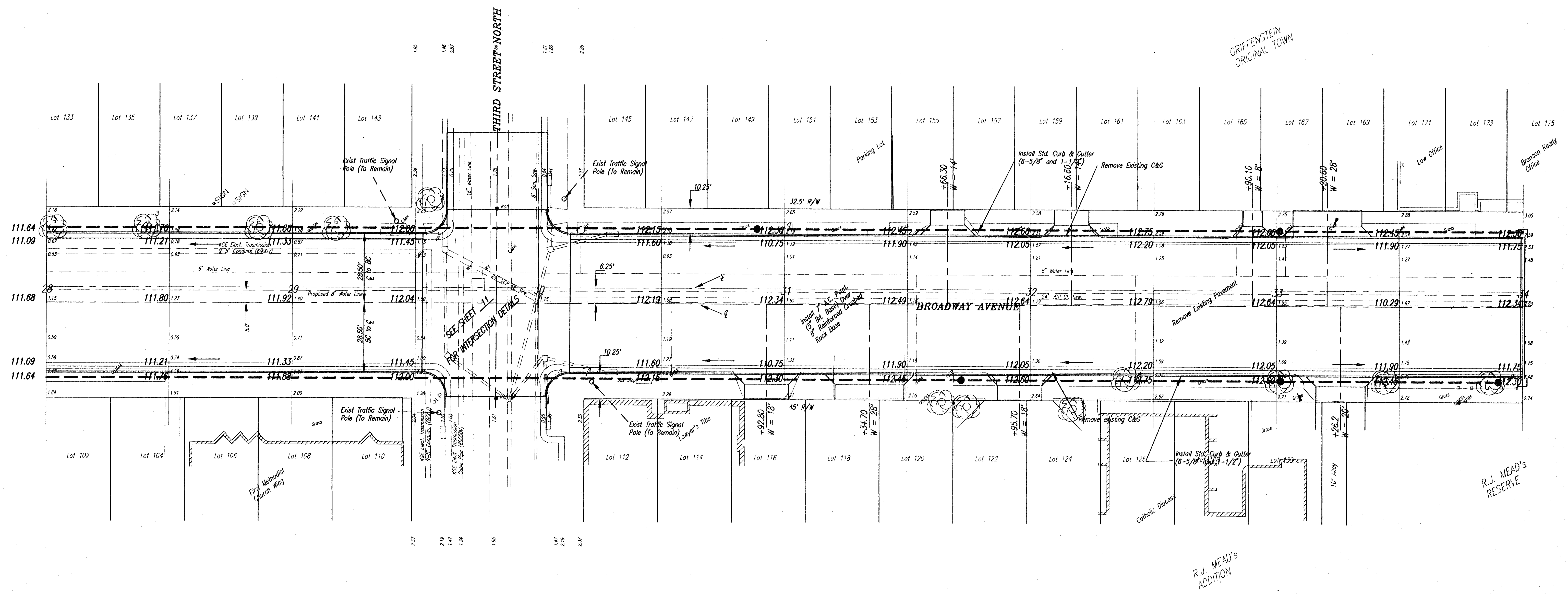
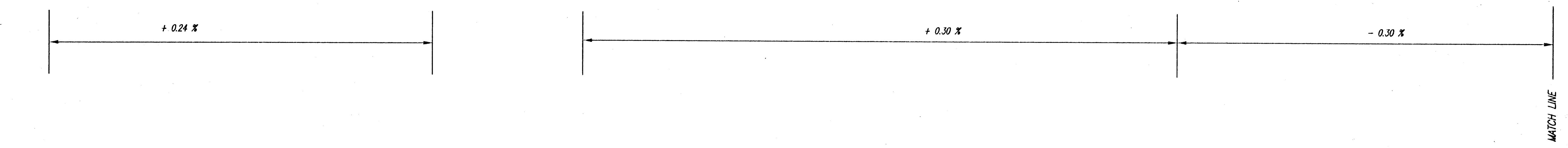
Sta. 28+00.00
TC EI = 111.64

Sta. 29+52.86
TC EI = 112.01

Sta. 30+12.86
TC EI = 112.04

Sta. 32+50.00
PM, No V.C.
TC EI = 112.75

Sta. 34+00.00
PM, No V.C.
TC EI = 112.30



LEGEND:
● --- Light Pole Footings and 2" PVC Conduit
See Sheet 19

BROADWAY AVENUE FROM DOUGLAS TO CENTRAL		
SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO:		SHEET NO: 8 OF 47
ME MUNICIPAL ENGINEERS, P.A. 264-LAURA, SUITE 201 WICHITA, KANSAS 67211 316-262-3842		

LIGHT POLE FOOTINGS.

Location	Remarks	
Sta. 10+83, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	Install conduit to Manhole at sta. 10+78, 21' Rt.
Sta. 11+98, Rt.	Remove existing light pole footing.	
Sta. 11+98, Lt.	Install new metal screw-in pole foundation.	Install conduit to Vault at sta. 11+88, 33' Rt.
Sta. 12+63, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	Install conduit to Manhole at sta. 12+60, 21' Rt.
Sta. 13+41, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	Install conduit to Manhole at sta. 13+45, 23' Lt.
Sta. 13+95, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	Install conduit to Manhole at sta. 13+91, 21' Rt.
Sta. 15+16, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	Install conduit to Manhole at sta. 15+18 23' Lt.
Sta. 15+92, Rt.	Remove existing light pole footing.	
Sta. 16+12, Rt.	Remove existing light pole footing.	
Sta. 16+78, Lt.	Remove existing light pole footing.	
Sta. 17+56, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 18+24, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 19+08, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 20+37, Lt.	Remove existing light pole footing.	
Sta. 20+39, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 21+19, Rt.	Remove existing light pole footing.	
Sta. 22+01, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 22+73, Rt.	Remove existing light pole footing.	
Sta. 23+49, Lt.	Remove existing light pole footing.	
Sta. 25+01, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 25+78, Rt.	Install new metal screw-in pole foundation.	See Note 6
Sta. 27+29, Rt.	Install new metal screw-in pole foundation.	See Note 6
Sta. 28+42, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 27+94, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 29+48, Lt.	Remove existing light pole footing.	
Sta. 30+08, Rt.	Remove existing light pole footing.	
Sta. 30+98, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 31+67, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 33+00, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 33+95, Rt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6
Sta. 34+87, Lt.	Remove existing light pole footing. Install new metal screw-in pole foundation.	See Note 6

NOTES:

1. All new light pole foundations shall be Chance Metal Screw-In Pole Foundation - Catalog # T112-DOWR - 84" long - 7" to 11" B.C. OR approved equal. Pole foundation shall be installed per manufacturer's instructions.

2. Locations of new light poles may be adjusted in field by the Engineer.

3. New light poles will be set 2 feet back of back of new curb.

4. See light pole schedule for location of conduit installation south of First Street.

5. All new conduits installed shall be 2" PVC.

6. Install conduits at following locations:

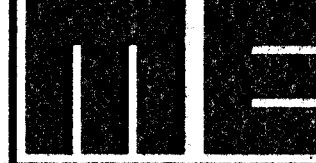
Sta. 17+53 to Sta. 22+71, Lt. side - FROM STA. 17+58 TO STA. 34+85, LT. SIDE *
Sta. 18+24 to Sta. 22+83, Rt. side - FROM STA. 18+22 TO STA. 33+90, RT. SIDE
Sta. 25+02 to Sta. 29+42, Lt. side - LOCATIONS AS SHOWN ON SHEET OF A7
Sta. 25+78 to Sta. 29+60, Rt. side
Sta. 30+09 to Sta. 34+87, Lt. side
Sta. 30+22 to Sta. 33+95, Rt. side

These conduits shall be installed 2 feet back from back of curb.

7. Conduits shall be installed 18" deep.

8. KGE will remove existing light poles. Contractor shall remove existing concrete pole footings. Contractor shall install new screw-in pole foundations. Contractor shall install conduits and elbow/sweeps in to the new pole basis. KGE will install new light poles and wiring.

* REVISIO W/ ADDENDUM ; 9/15/97

BROADWAY AVE., DOUGLAS TO CENTRAL LIGHT POLE FOOTING AND CONDUIT SCHEDULE		
SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO:		SHEET NO. 19 OF 47
 MUNICIPAL ENGINEERS, P.A. 264-LAURA, SUITE 201 WICHITA, KANSAS 67211 316-262-3842		

Location	Type	Remarks
Sta. 10+07.1, Rt.	Existing Storm Inlet	Replace With Shallow Manhole , Top El. = 109.49, FL Elev. = 107.50
Sta. 10+09.5, Lt.	Existing Storm Inlet	Remove
Sta. 10+17.5, Lt.	Existing Storm Inlet	Remove
Sta. 11+40.0, Lt.	Existing Storm Inlet	Replace With Shallow Manhole , Top El. = 109.70, FL Elev. = 107.26
Sta. 11+43.9, Rt.	SNB Manhole	See Note 1
Sta. 11+51.0, Lt.	KGE Manholes (2)	See Note 1
Sta. 11+65.8, Rt.	Grated Vault	See Note 1
Sta. 11+72.1, Rt.	KGE Manhole	See Note 1
Sta. 11+85.9, Rt.	Grated Vault	See Note 1
Sta. 11+91.5, Lt.	Grated Vault	See Note 1
Sta. 12+05.3, Lt.	Grated Vault	See Note 1
Sta. 12+11.1, Lt.	Grated Vault (2)	See Note 1
Sta. 12+23.8, Lt.	Grated Vault	See Note 1
Sta. 12+33.0, Lt.	Existing Storm Inlet	Replace With Shallow Manhole , Top El. = 109.49, FL Elev. = 107.60
Sta. 12+60.9, Rt.	KGE Manhole	See Note 1
Sta. 12+75.5, Lt.	Existing Water Meter vault	Adjust to Finished Grade To be replaced with water project
Sta. 13+45.0, Rt.	KGE Manhole	See Note 1
Sta. 13+45.0, Lt.	KGE Manhole	See Note 1
Sta. 13+77.9, Rt.	Grated Vault	See Note 1
Sta. 13+91.0, Rt.	KGE Manhole	See Note 1
Sta. 13+91.7, Rt.	Grated Vault	See Note 1
Sta. 13+91.8, Lt.	KGE Manhole	See Note 1
Sta. 14+19.0, Rt.	Grated Vault	See Note 1
Sta. 14+20.5, Lt.	KGE Manhole	See Note 1
Sta. 14+25.1, Rt.	Grated Vault	See Note 1
Sta. 14+31.0, Lt.	KGE Manhole	See Note 1
Sta. 14+40.5, Rt.	AIT Manhole	See Note 1
Sta. 14+51.4, Rt.	Grated Vault	See Note 1
Sta. 14+55.7, Lt.	KGE Manhole	See Note 1
Sta. 14+57.4, Rt.	Grated Vault (2)	See Note 1
Sta. 14+72.7, Lt.	KGE Manhole	See Note 1
Sta. 14+78.4, Rt.	Grated Vault	See Note 1
Sta. 14+90.3, Rt.	Grated Vault	See Note 1
Sta. 15+00.7, Lt.	KGE Manhole	See Note 1
Sta. 15+02.2, Rt.	Grated Vault	See Note 1
Sta. 15+07.8, Rt.	AIT Manhole	See Note 1
Sta. 15+16.7, Lt.	KGE Mahole	See Note 1
Sta. 15+95.0, Rt.	Existing Storm Inlet	Remove
Sta. 15+97.5, Lt.	Existing Storm Inlet	Remove
Sta. 14+31.0, Rt.	KGE Manhole	See Note 1
Sta. 14+14.2, Lt.	AIT Manhole	See Note 1
Sta. 10+86.4, Rt.	KGE Manhole	See Note 1
Sta. 15+18.7, Rt.	KGE Manhole	See Note 1
Sta. 16+00.3, Rt.	SNB Manhole	Opens to Basement, See Note 1
Sta. 16+09.4, Rt.	KGE Manhole	See Note 1
Sta. 16+09.4, Lt.	KGE Manhole	See Note 1
Sta. 16+15.8, Rt. & Lt.	Existing Storm Inlet	Remove Replace with Shallow Manhole Top Elev. = 110.00, FL Elev. = 107.10 (Lt.) Top Elev. = 109.34, FL Elev. = 106.60 (Rt.)
Sta. 16+18.4, Rt.	SNB Manhole	See Note 1
Sta. 16+23.1, Lt.	MCI Manhole	Covered with Asphalt, See note 1
Sta. 16+24.6, Rt.	SNB Manhole	See Note 1
Sta. 16+32.0, Lt.	KGE Manhole	See Note 1
Sta. 16+34.4, rt.	KGE Manhole	See Note 1
Sta. 16+36.0, Lt.	AIT Manhole	See Note 1
Sta. 16+60.9, Lt.	Existing Storm Inlet	Remove Replace with Shallow Manhole Top Elev. = 109.60, FL Elev. = 106.85
Sta. 16+62.0, Rt.	Existing Storm Inlet	Remove Replace with Shallow Manhole Top Elev. = 109.89, Unable to open for FL Elev.
Sta. 16+65.7, Lt.	KGE Manhole	See Note 1
Sta. 16+67.2, Rt.	KGE Manhole	See Note 1
Sta. 17+24.7, Rt.	SNB Manhole	See Note 1
Sta. 18+25.3, Lt.	KGE Manhole	See Note 1
Sta. 18+33.1, Lt.	KGE Manhole	See Note 1
Sta. 18+33.4, Rt.	Grated Vault	See Note 1
Sta. 19+70.0, Rt.	KGE Manhole	See Note 1
Sta. 19+72.2, Lt.	KGE Manhole	See Note 1
Sta. 19+73.2, Lt.	KGE Manhole	See Note 1
Sta. 19+78.8, Lt.	KGE Manhole	See note 1
Sta. 20+04.7, Rt.	Traffic Sig. Manhole	Adjust to Finished Grade
Sta. 21+08.5, Rt.	City Manhole	Adjust to Finished Grade
Sta. 21+10.6, Rt.	KGE Manhole	See Note 1
Sta. 21+12.9, Lt.	KGE Manhole	See Note 1
Sta. 21+63.8, Lt.	Grated Vault	See Note 1
Sta. 21+63.8, Lt.	Grated Vault (2)	See Note 1
Sta. 21+77.7, Lt.	Grated Vault (2)	See Note 1
Sta. 21+82.5, Lt.	Grated Vaults (2)	See Note 1
Sta. 21+95.8, Lt.	KGE Manhole	See Note 1
Sta. 21+96.3, Lt.	Grated Vaults (2)	See Note 1
Sta. 22+14.6, Rt.	City Manholes	Adjust
Sta. 22+85.6, Rt.	City Manholes	Adjust
Sta. 22+88.0, Lt.	City Manhole	Adjust
Sta. 22+88.9, Rt.	Existing Storm Inlet	Remove Replace with Shallow Manhole Top Elev. = 109.63, FL Elev. = 105.96
Sta. 22+90.0, Lt.	Existing Storm Inlet	Remove

Location	Type	Remarks
Sta. 22+90.5, Rt.	SNB Manhole	See Note 1
Sta. 23+02.2, Rt.	Storm Sewer Manhole	Covered with Asphalt, Adjust
Sta. 23+08.9, Lt.	KGE Manhole	See Note 1
Sta. 23+19.0, Rt.	SNB Manhole	Replace With Shallow Manhole SEE NOTE 1
Sta. 23+27.2, Rt.	SNB Manhole	See Note 1
Sta. 23+30.8, Lt.	Existing Storm Inlet	Remove
Sta. 23+33.2, Rt.	Existing Storm Inlet	Remove Replace With Shallow Manhole , Top El. = 109.94, FL Elev. = 104.27
Sta. 23+39.7, Lt.	City Manhole	Adjust
Sta. 23+58.6, Rt.	Existing Storm Inlet	Remove
Sta. 23+59.0, Lt.	Existing Storm Inlet	Remove
Sta. 24+29.8, Lt.	Roof Drains	Connect Roof Drains to New Curb
Sta. 24+40.0, Lt.	Roof Drains	Connect Roof Drains to New Curb
Sta. 24+74.7, Rt.	Roof Drains	Connect Roof drains to New Curb
Sta. 24+87.3, Lt.	KGE Manhole	Replace With Shallow Manhole See Note 1
Sta. 24+91.0, Rt.	Grated Vault	See Note 1
Sta. 24+98.5, Lt.	Roof Drain	Connect Roof Drains to New Curb
Sta. 25+03.0, Rt.	Grated Vault	See Note 1
Sta. 25+15.1, Rt.	Grated Vault	See Note 1
Sta. 25+27.0, Rt.	Roof drain	Connect Roof drain to New Curb
Sta. 25+28.1, Lt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 25+30.9, Lt.	Grated Vault	See Note 1
Sta. 25+37.7, Lt.	Grated Vault	See Note 1
Sta. 25+44.6, Lt.	Grated Vault	See Note 1
Sta. 25+78.0, Lt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 25+83.8, Lt.	Water Valve Box	Adjust
Sta. 26+25.2, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 26+31.0, rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 26+36.3, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 26+65.6, Lt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 27+29.2, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 27+32.8, Rt.	Water Valve Box	Adjust
Sta. 27+35.3, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 28+04.3, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 28+26.6, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 28+33.6, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 29+45.4, Lt.	City Manhole	Adjust
Sta. 29+51.3, Lt.	KGE Mahole	See Note 1
Sta. 29+62.6, Lt.	Existing Storm Inlet	Replace with Std. Type P Manhole, Top Elev. = 111.70, FL Elev. = 104.00
Sta. 29+63.9, Rt.	Existing Storm Inlet	Replace with Std. Type P Manhole, Top Elev. = 111.70, FL Elev. = 104.39
Sta. 29+89.0, Lt. & Rt.	City Manholes	Under Asphalt, Adjust
Sta. 29+98.1, Lt. St. 29	City Manholes	Under Asphalt, Adjust
Sta. 30+03.0, Rt.	Existing Storm Inlet	Remove Replace with Shallow Manhole, Top Elev. = 111.70, FL Elev. = 105.04
Sta. 30+05.3, Lt.	Existing Storm Inlet	Remove Replace with Shallow Manhole, Top Elev. = 111.70, FL Elev. = 108.59
Sta. 30+30.0, Rt.	Existing Storm Inlet	Remove
Sta. 30+30.7, Lt.	Existing Storm Inlet	Remove
Sta. 30+77.3, Lt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 31+27.0, Lt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 32+34.5, Lt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 32+76.6, Rt.	Roof Drain	Connect Roof Drain to New Curb
Sta. 33+05.4, Rt.	Roof drain	Connect roof Drain to New Curb
Sta. 16+53, Lt. & Rt.	Storm Manhole	Adjust
Sta. 9+58, Rt.	Sanitary Sewer Manhole	See San. Sewer Plans
Sta. 11+03, Rt.	Sanitary Sewer Manhole	See San. Sewer Plans
Sta. 11+21, Rt.	Sanitary Sewer Manhole	See San. Sewer Plans
Sta. 12+85, Rt.	Sanitary Sewer Manhole	See San. Sewer Plans
Sta. 15+62, Rt.	Sanitary Sewer Manhole	See San. Sewer Plans
Sta. 9+58, Rt.	Sanitary Sewer Manhole	See San. Sewer Plans

Note: Several inlets were full of mud and sand at the time of survey. Contractor shall field verify the flowline elevations of these inlets prior to beginning construction.

NOTES:

- Existing structures such as manholes, and grated vaults located in the street right-of-way will be adjusted by individual utility company during construction. Contractor shall coordinate construction of street such that utility companies have adequate time to adjust structures.
- Structures owned by the City of Wichita, that need adjustment, will be adjusted by construction contractor. These structures include sanitary sewer manholes, storm sewer manholes, water valves, traffic control boxes etc.
- Street lights shall be removed and replaced by KGE. Contractor shall be responsible to coordinate these replacements with KGE.
- See Water System Improvements and Sanitary sewer Replacement plans for adjustment/replacement of other structures.

Revised with Addendum, September 12, 1997

BROADWAY AVE., DOUGLAS TO CENTRAL ADJUSTMENT OF MISC. STRUCTURES

SCALE:	APPROVED	DRAWN BY:
DATE:		CHECKED:
PROJECT NO:		SHEET NO. 20 OF 47

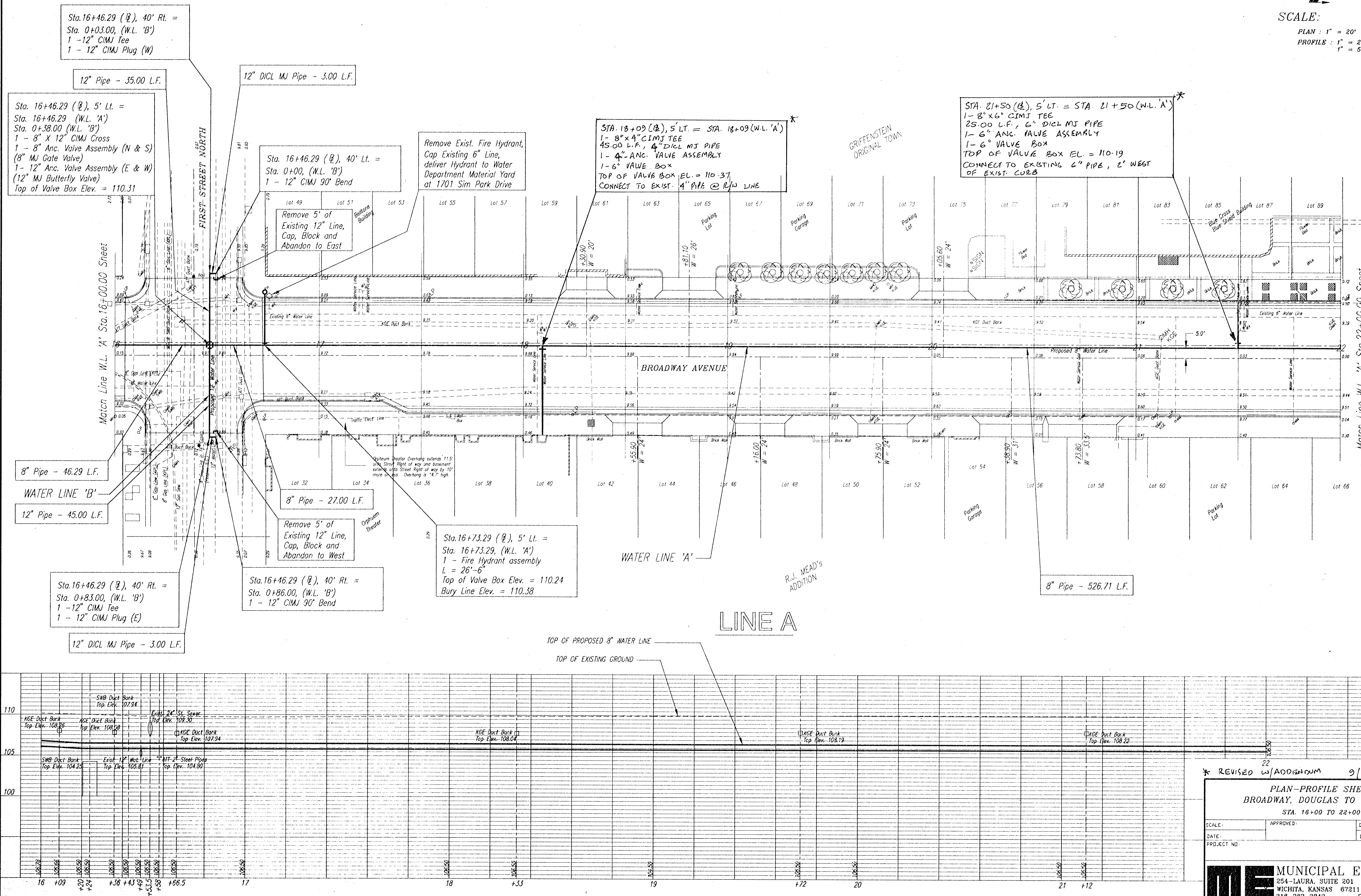


MUNICIPAL ENGINEERS, P.A.
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
318-282-3842



SCALE:

PLAN : 1" = 20'
PROFILE : 1" = 20' (H)
1" = 5' (V)



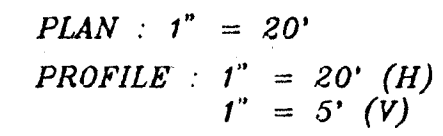
* REVISED w/ADDENDUM 9/15/97

PLAN-PROFILE SHEET
BROADWAY, DOUGLAS TO CENTRAL
STA. 16+00 TO 22+00

SCALE: APPROVED: DRAWN BY:
DATE: DESIGN:
PROJECT NO.

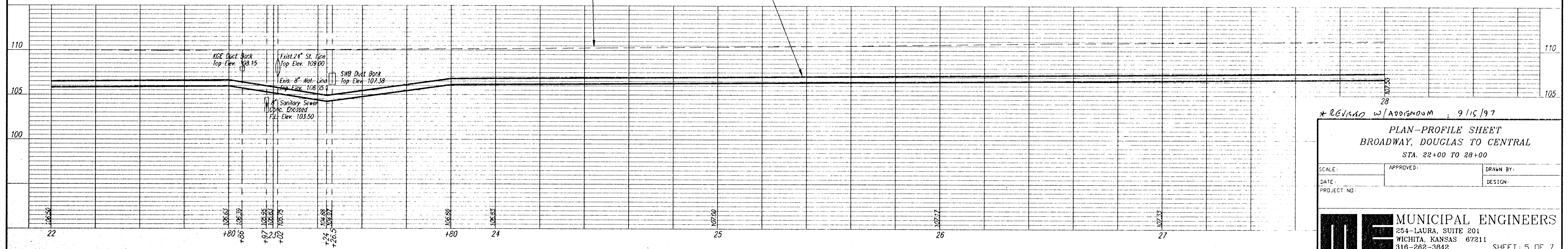
ME MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-282-3842

SHEET: 4 OF 7



Match line W.L. 'A' Sta. 28+00.00 Sheet

TOP OF EXISTING GROUND ——— TOP OF PROPOSED 8" WATER LINE

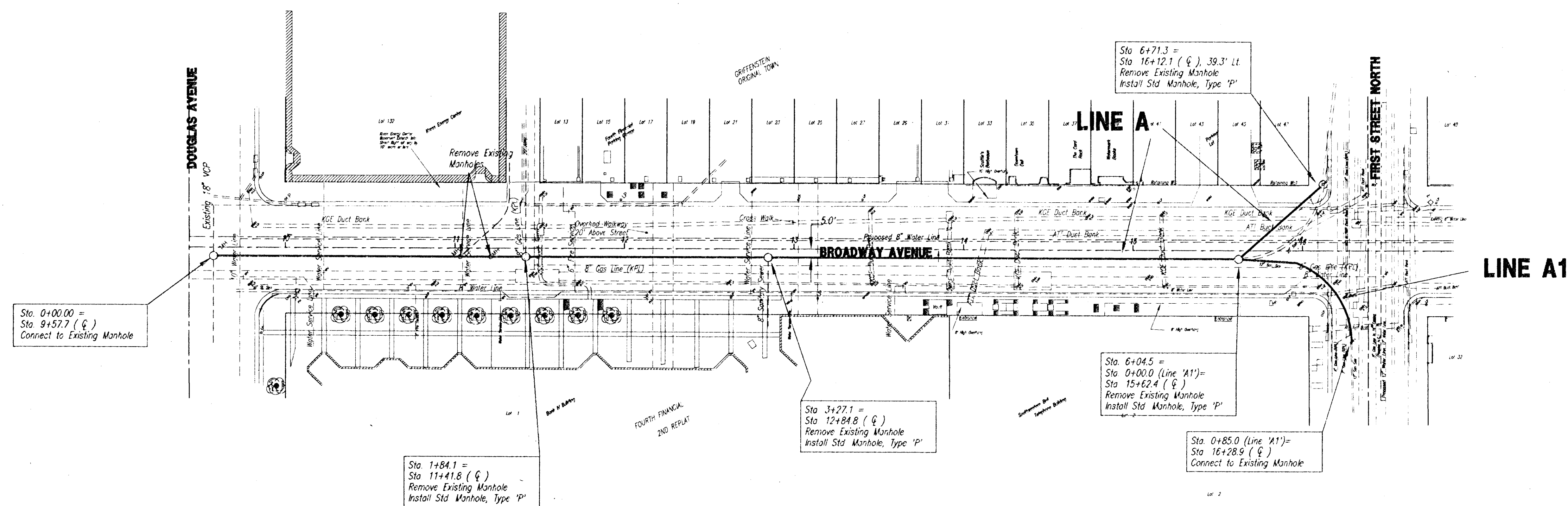


ME MUNICIPAL ENGINEERS
 254-LAURA, SUITE 201
 WICHITA, KANSAS 67211
 316-282-3842 SHEET: 5 OF 7



SCALE:

PLAN : 1" = 40'
PROFILE : 1" = 40' (H)
1" = 5' (V)

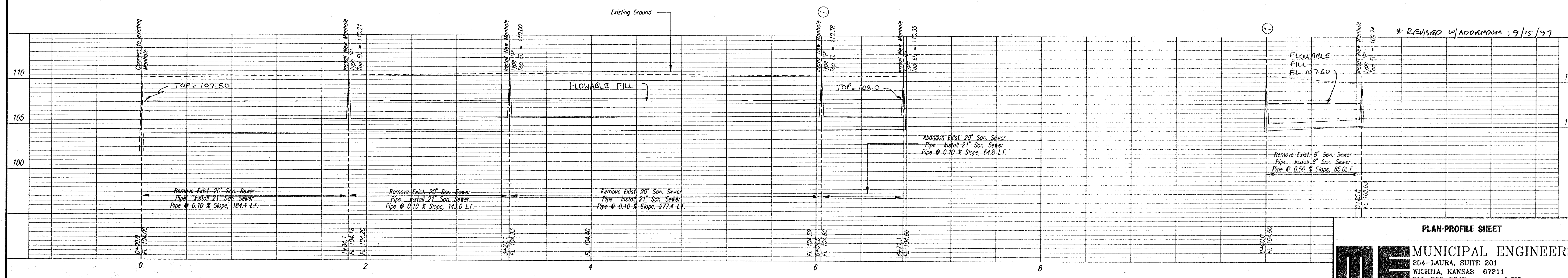


NOTES:

1. All sewer lines except Line A (Sta. 6+04.5 to Sta. 6+71.3) are to be replaced at the same horizontal and vertical alignment as existing (Except for minor defects in existing alignment).
2. See companion Water Distribution project for locations of concrete encasements along new sewer pipes.
3. CONTRACTOR MAY USE HOPE PIPE FOR LINE 'A1'.

LINE A

LINE A1



PLAN-PROFILE SHEET

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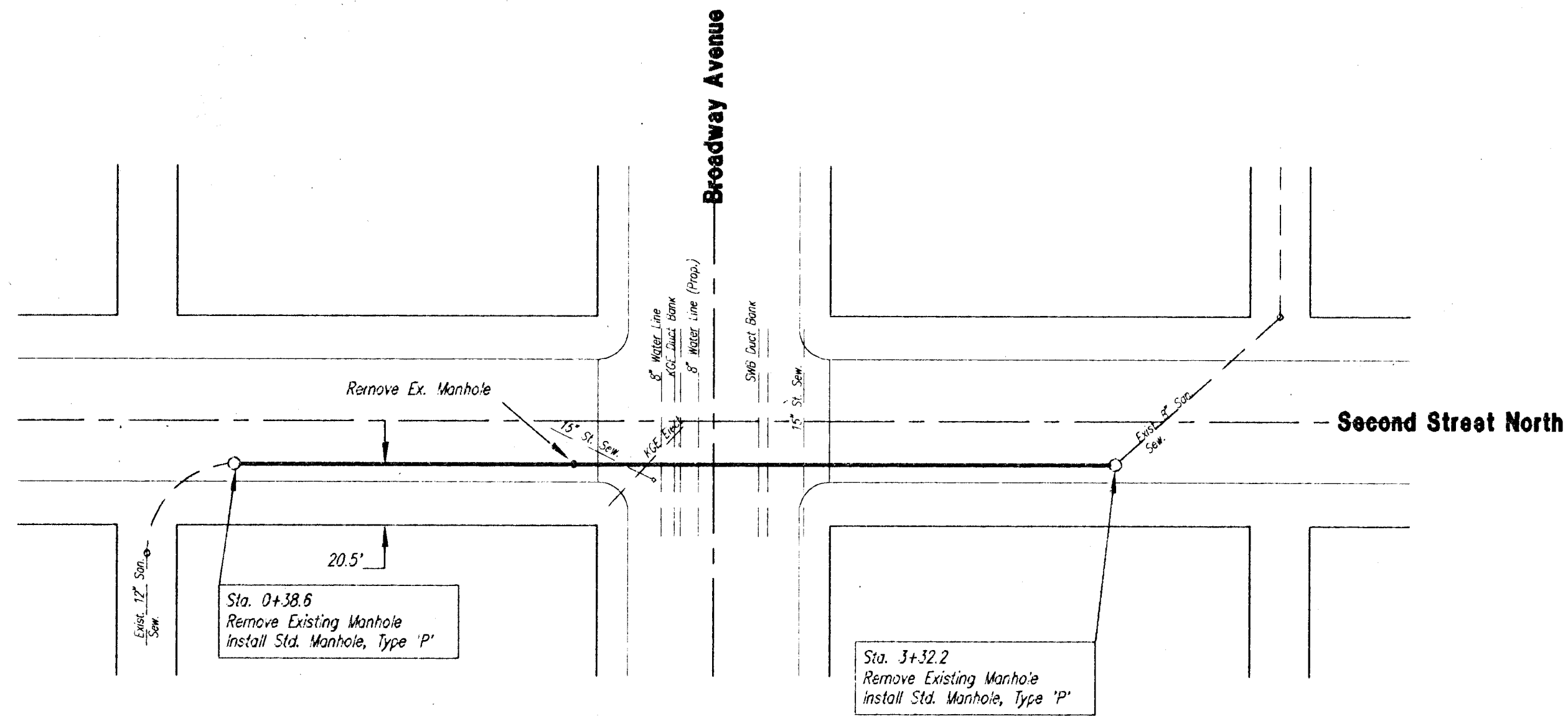
SHEET

SCALE:

PLAN : 1" = 40'

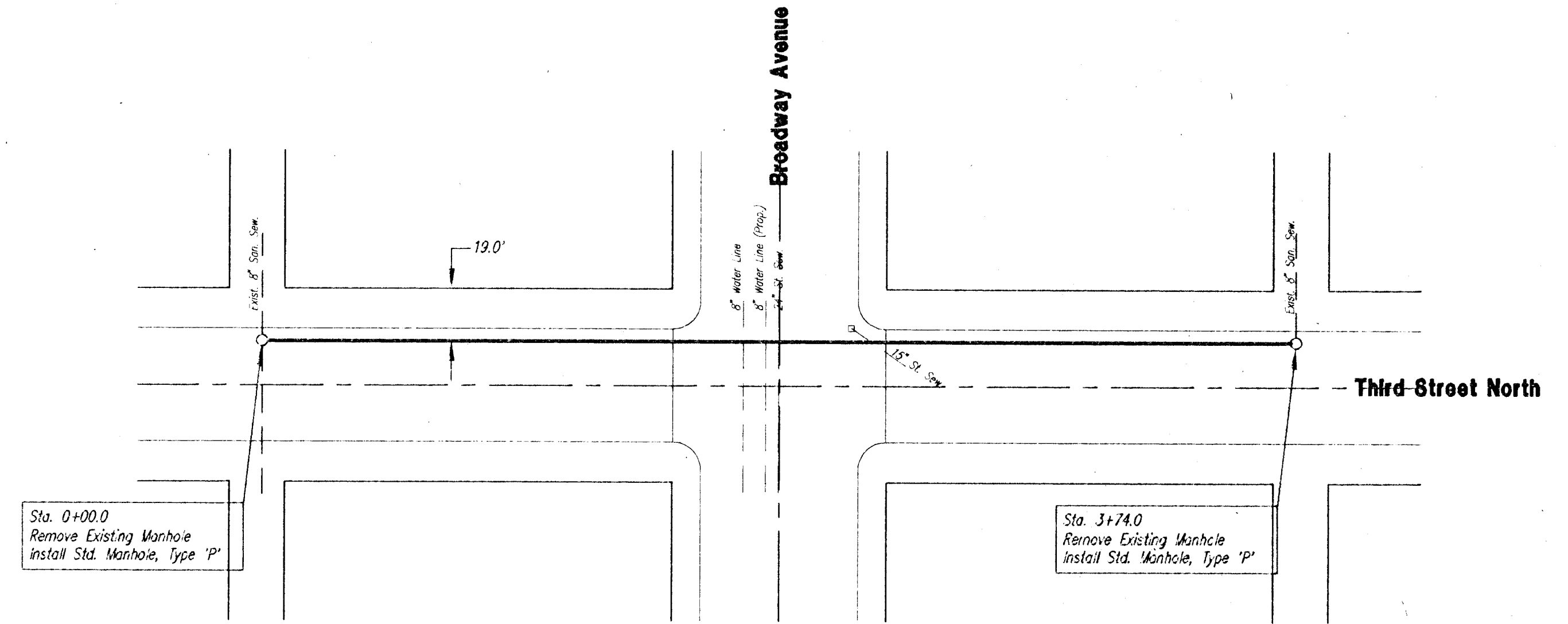
PROFILE : 1" = 40' (H)

1" = 5' (V)



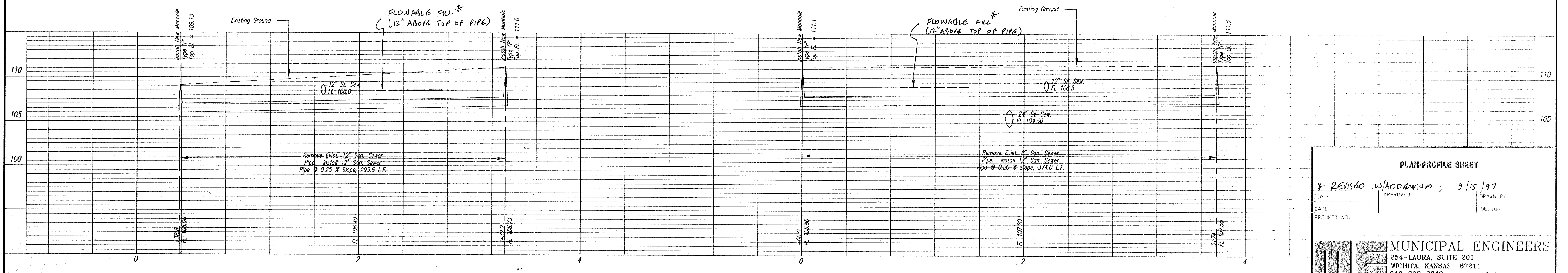
Pavement Replaced (Perm.):
From Sta. 0+38.6 to Sta. 1+59.8
From Sta. 2+36.8 to Sta. 3+32.2

Pavement Replaced (Temp.):
From Sta. 1+59.8 to Sta. 2+36.8



Pavement Replaced (Perm.):
From Sta. 0+00.0 to Sta. 1+48.5
From Sta. 2+25.5 to Sta. 3+74.0

Pavement Replaced (Temp.):
From Sta. 1+48.5 to Sta. 2+25.5



PLAN-PROFILE SHEET

* REVISION WOODRUM, 2/15/97

SCALE: APPROVED: DRAWN BY: DATE: DESIGN: PROJECT NO:

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-282-3842 SHEET