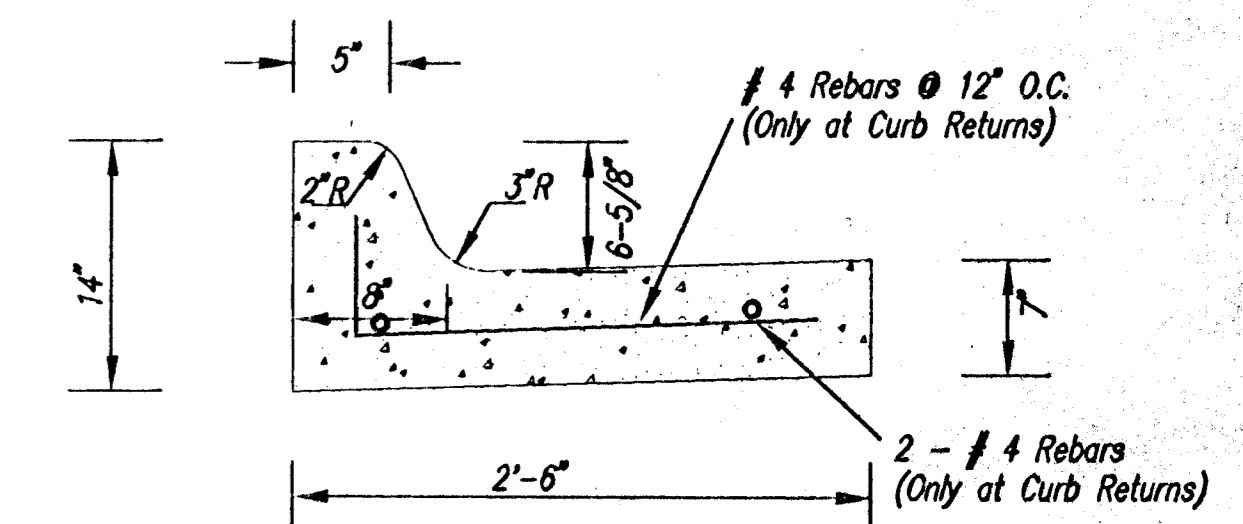
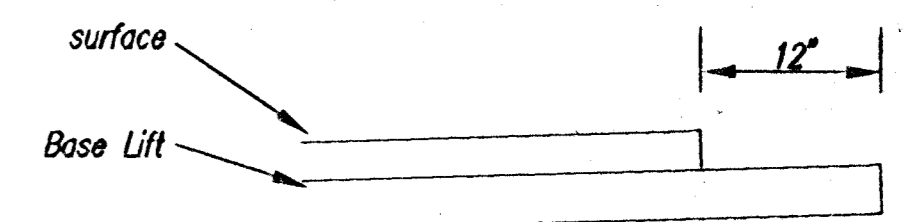


TYPICAL SECTION

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
 (EMPRISE 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:

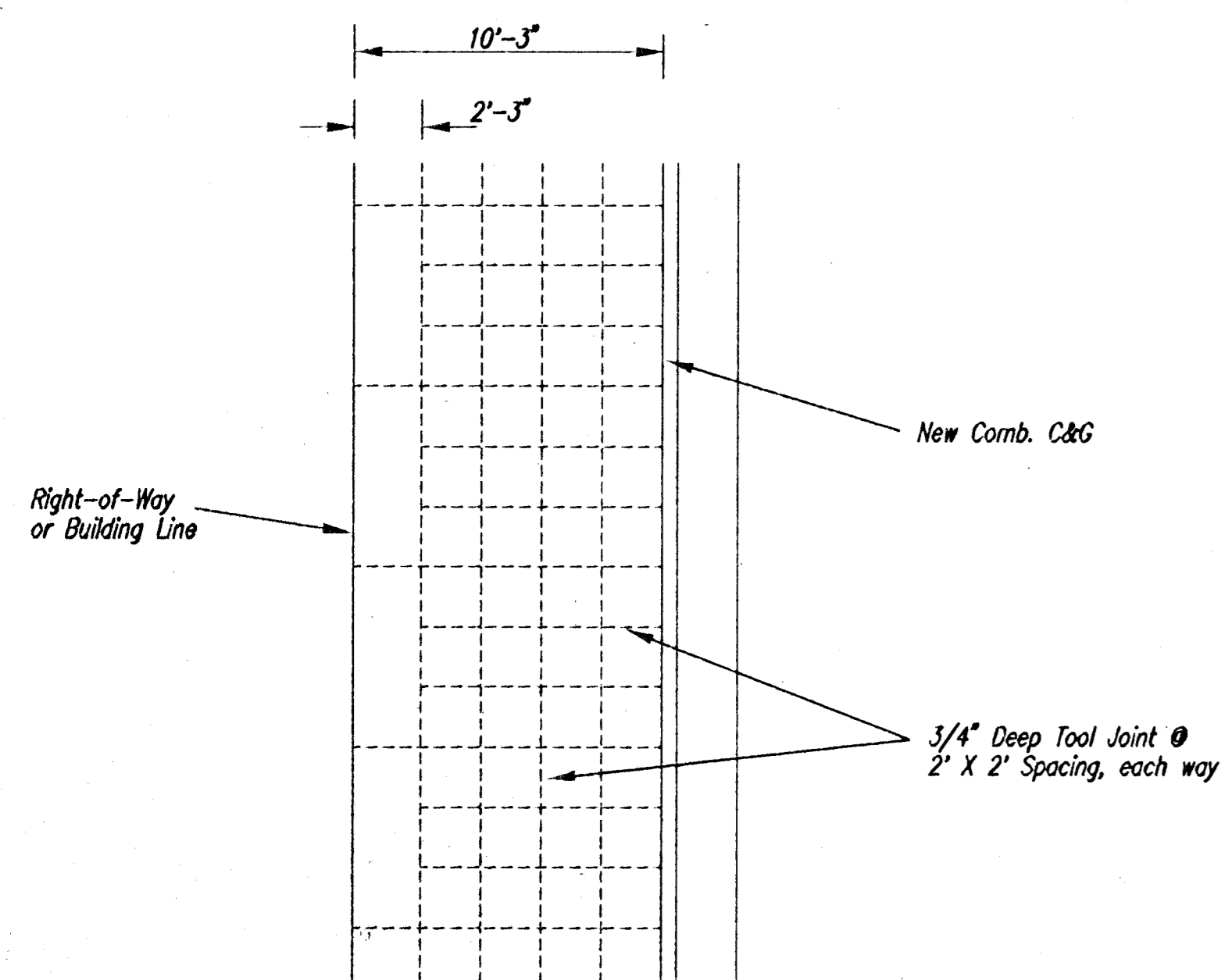
Fabric Base Reinforcement shall be B X 1100 by Tensor Corporation or approved equal. Fabric Base Reinforcement shall be installed in accordance with manufacturer's recommendations. Crushed rock shall be uniformly graded from 1-1/2" maximum size to no more than 10% passing a No. 200 sieve. Rock quality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

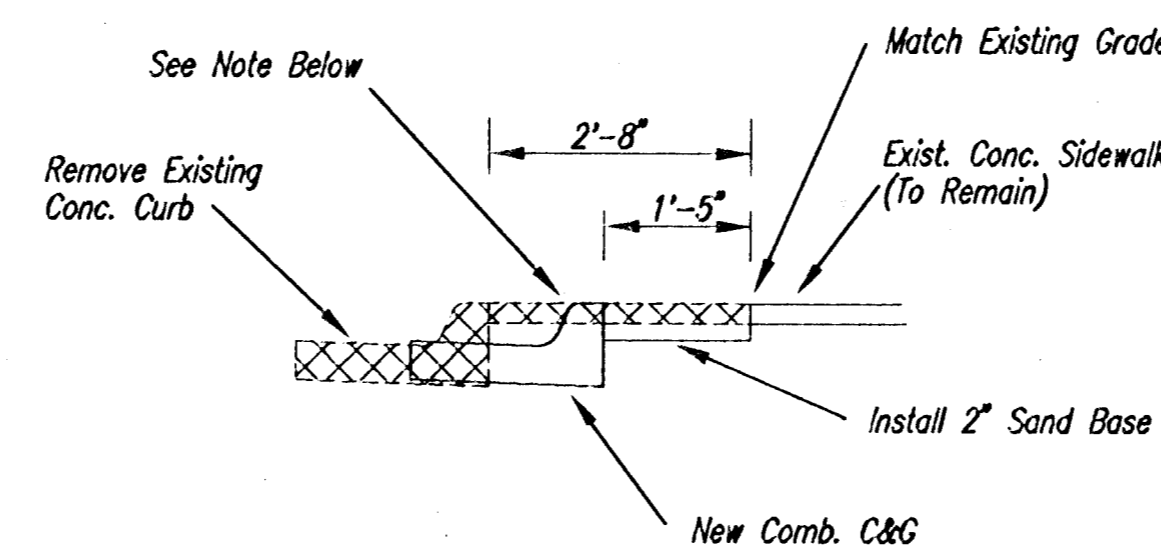
A tack coat of Emulsified Asphalt (SC-1H or CSS-1H) shall be applied at an approximate rate of 0.05 gallons per square yard between each lift of asphaltic material.

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



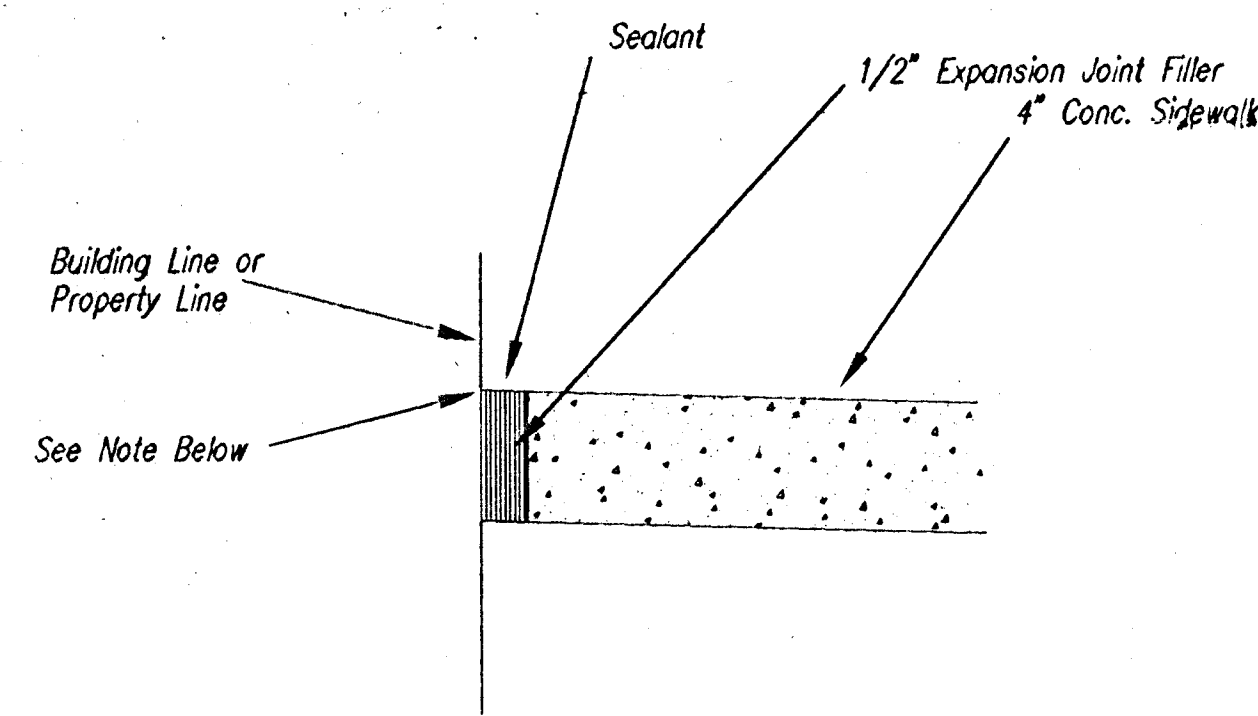
NOTE: Remove existing bricks/pavers from 2'-8" area. Clean, wash and store bricks/pavers. Reinstall bricks in 1'-5" area over 2" sand base. Brick/Paver pattern to match existing patterns.

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
 (EMPRISE BANK STREETScape)

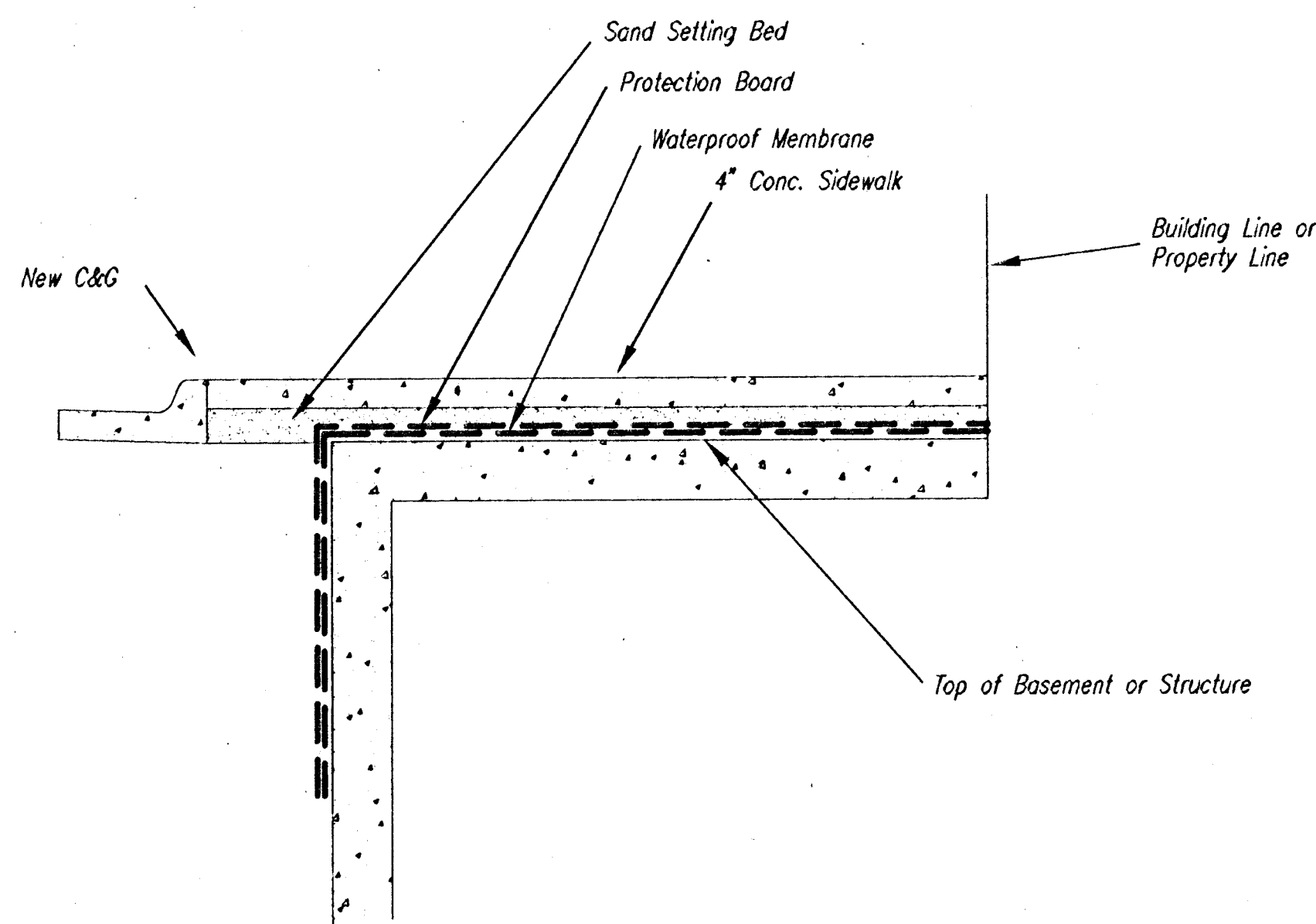
* REVISED W/ADDENDUM ; 9-14-97

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

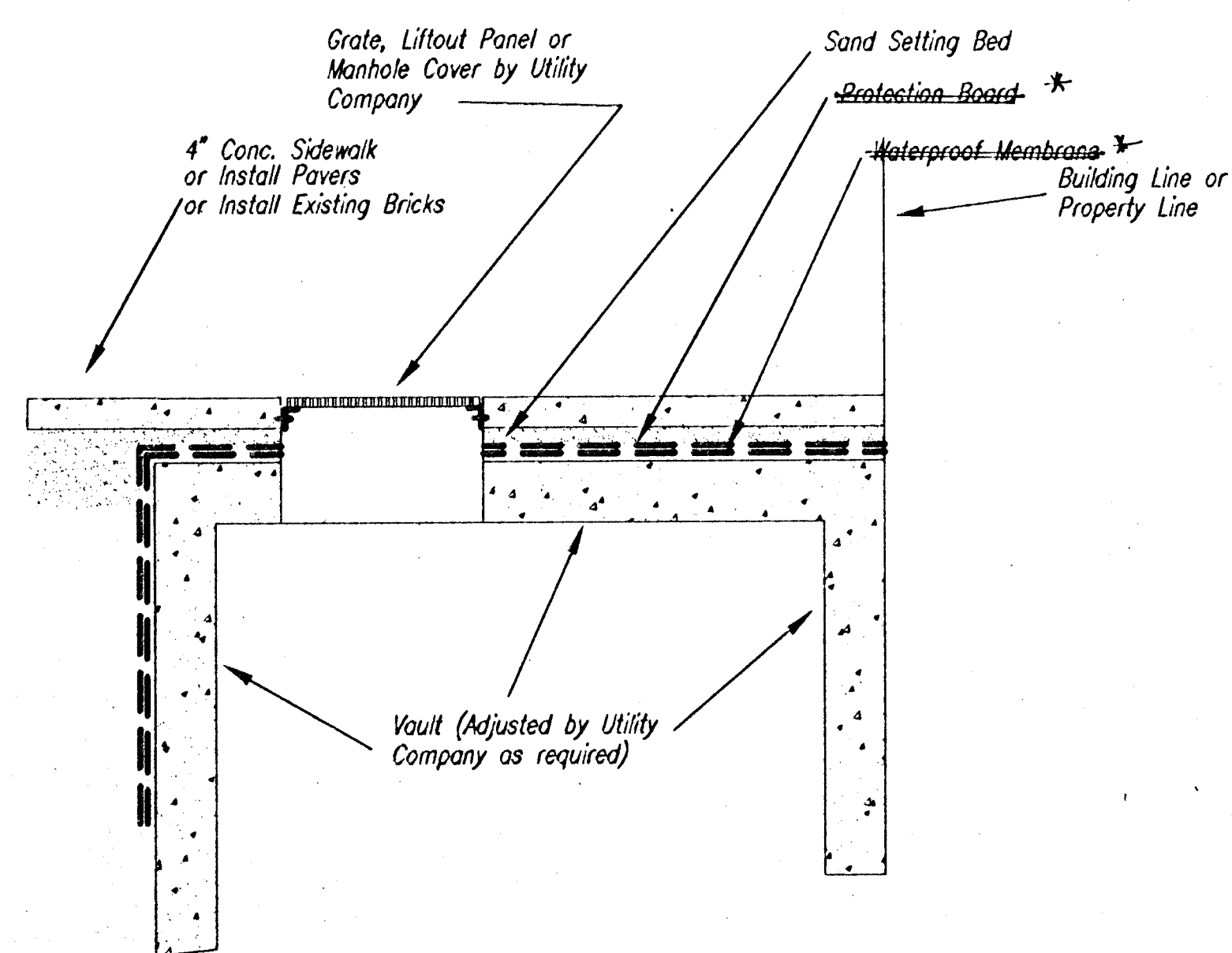


SIDEWALK @ BUILDINGS

NOTE: Sidewalk should be 1/2" below building finished floor elevations at entry. Sidewalk should match grade at driveways.



CONC. WALK OVER BASEMENTS



CONC. WALK OVER UTILITY VAULTS

NOTE: WATERPROOFING IS NOT REQUIRED FOR UTILITY VAULTS.

SPECIFICATIONS FOR BASEMENT WATERPROOFING:

Basement walls and top beneath sidewalks which are uncovered during construction shall be protected from moisture and other damage during and after construction operations. A permanent vapor proofing membrane shall be installed on all exposed exterior basement surfaces. The vapor proofing membrane shall extend 6" beyond the limits of the basement top and to the bottom of curb and gutter where the curb and gutter abuts the basement wall and at least 6" where the curb and gutter is not against the basement wall. The vapor proofing membrane shall turn up at the building face 4", more or less to the top of the new walk.

Vapor membrane shall be a seven element asphalt core board with a plasmatic matrix for added tensile and flexural strength suspended in a core of fortified bituminous. A reinforced carrier sheet on the bottom and on the top, an inert reinforcing ply that is weather coated and protected by a plastic anti-stick sheet. Water vapor transmission (ASTM E-96), Method B) shall be 0.00 grains/s.f./hour and mullen burst strength shall be 163 psi minimum. Premoulded membrane with plasmatic core (PM/PC) manufactured by W.R. Meadows, Inc. meets the above requirements.

Preparation of the basement surfaces, joint sealing, bonding agent, and installation shall be in accordance with manufacturer's recommendations. If basement surfaces are discovered to be unsuitable for application of the PMPC, the Engineer should be notified immediately.

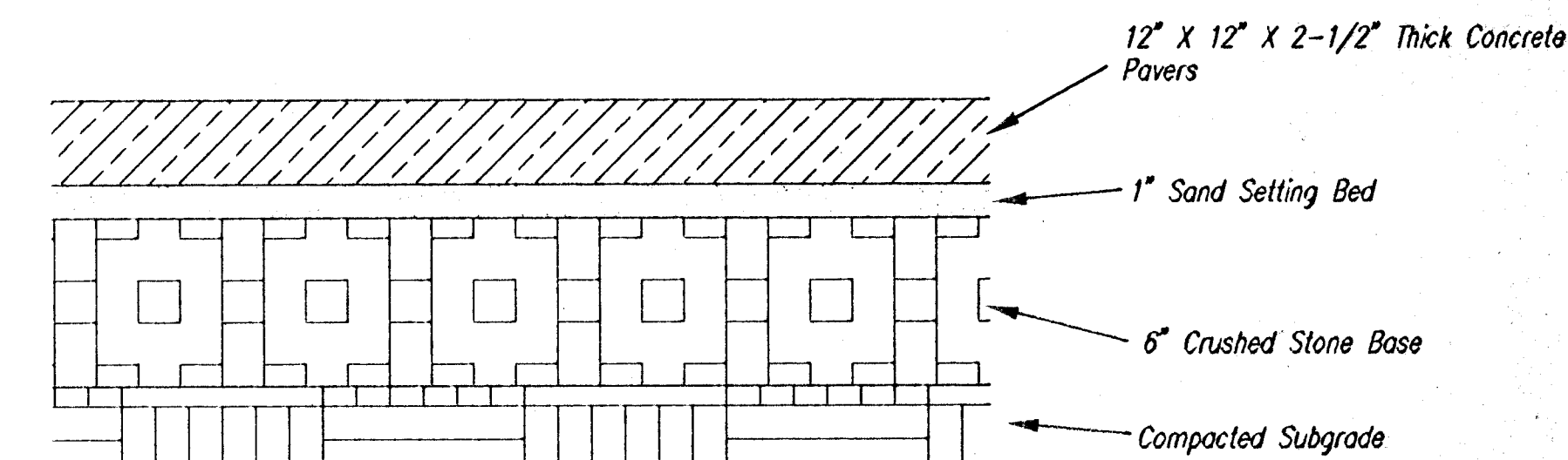
The installer shall be a firm with at least 3 years experience and 5 waterproofing projects similar to the requirements of this project with satisfactory performance and which is approved by the waterproofing materials manufacturer.

The basement in front of Orpheum Theater shall receive waterproofing on top as well as 4 feet of surface of the sidewall that faces Broadway.

Payment shall be made per square foot of basement surfaces waterproofed in accordance with these specifications.

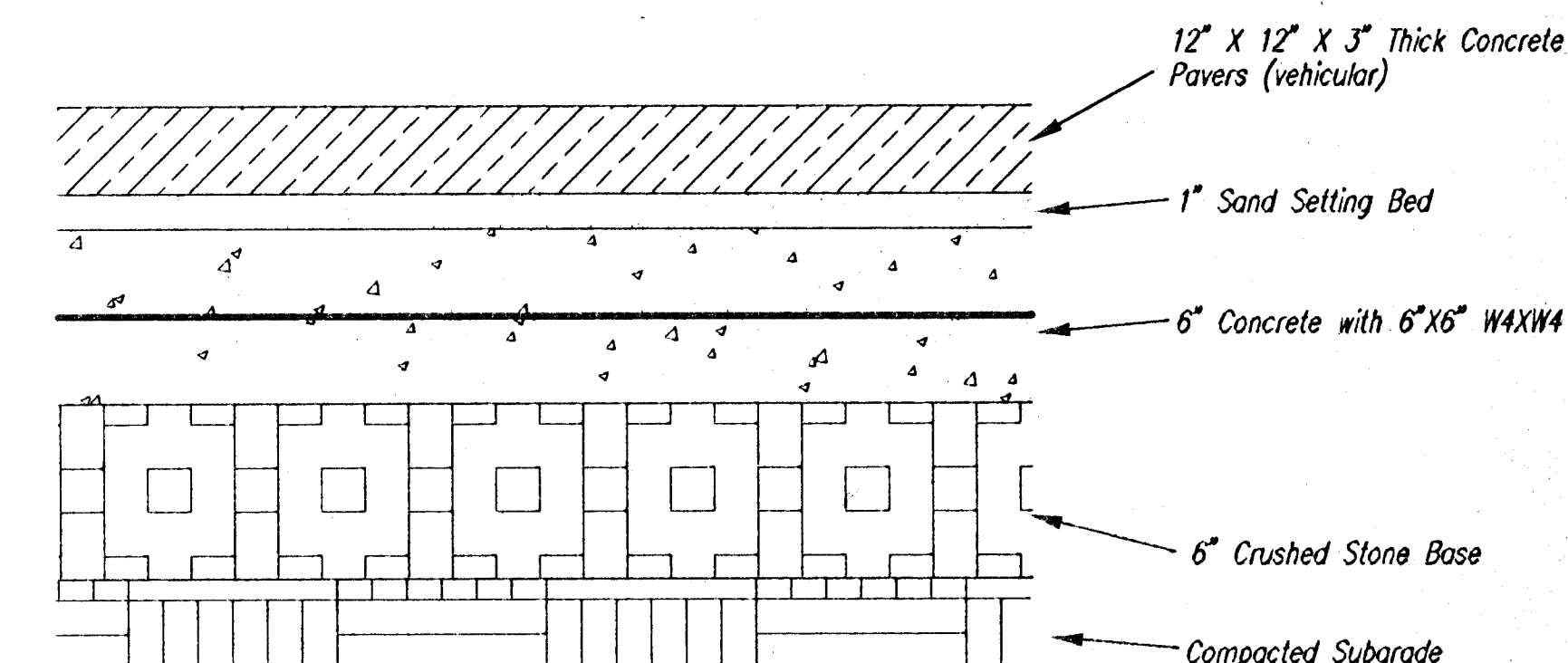
ALTERNATE 1:

Description of Alternate 1: This alternate will require installation of concrete pavers on Broadway Avenue, from Douglas (i.e. beginning of project) to the North R/W line of First Street. These pavers will be installed in the sidewalk area. Concrete pavers will be similar in color and texture to the existing pavers in the sidewalk area of Broadway Avenue, from William to Douglas. These pavers will be installed in accordance with details shown below. Brick Cross-Walks will be installed in the Alternate 1 area as described above. Five Cross-Walks (One pedestrian cross-walk across Broadway, mid-way between Douglas and First and Four at intersection of Douglas and First). Brick Cross-Walk details are as shown below. Existing streetscape in front of Nations Bank building will not be replaced in both the original bid as well as Alternate 1.



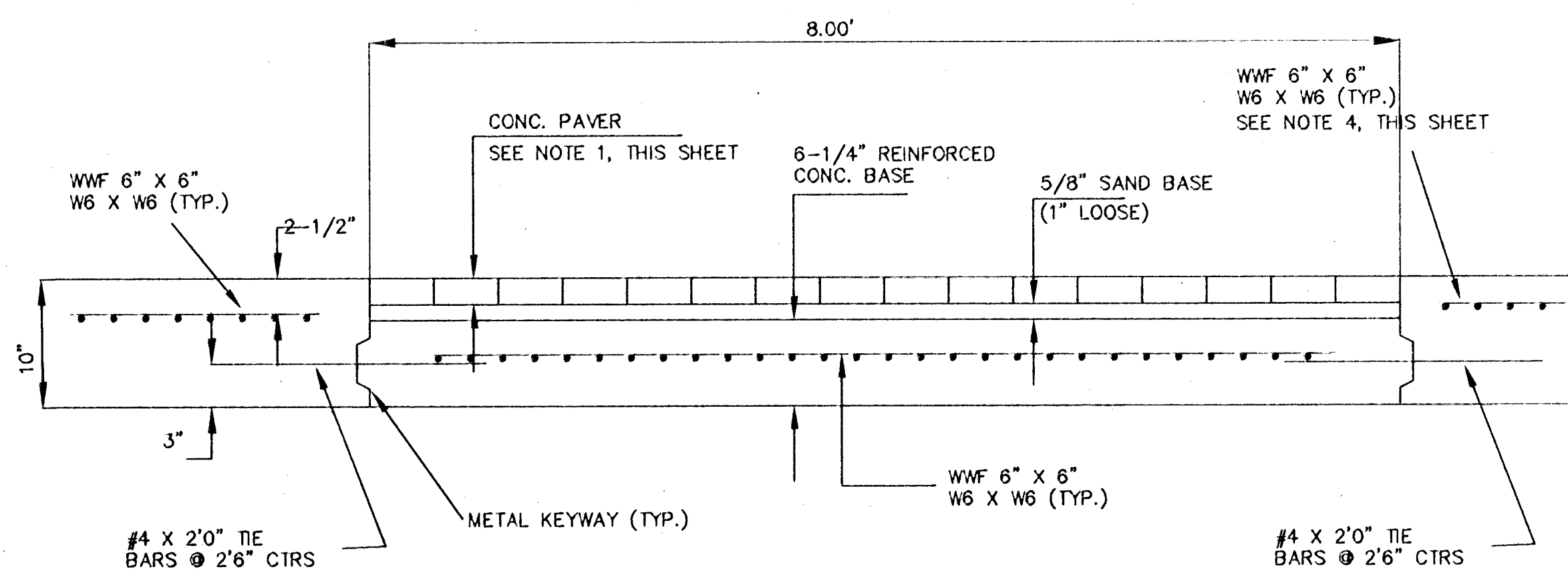
PAVERS FOR SIDEWALKS

NOTE: Concrete paver, sand bedding, crushed stone base and compaction shall be Subsidiary to bid item "Concrete Paver Sidewalk".



PAVERS FOR SIDEWALKS (VEHICULAR)
(THROUGH DRIVEWAYS)

NOTE: Concrete paver, sand bedding, concrete slab, crushed stone base and compaction shall be Subsidiary to bid item "Concrete Paver Drive Entrance".



CONCRETE PAVER CROSS-WALK DETAILS

GENERAL NOTES

1. CONCRETE PAVERS:
Use concrete pavers similar to that which is existing at cross-walks on William and Broadway. Interlocking Concrete Paving Stones (ASTM C936-82) used shall be Holland Stone Style consisting of full stones (7-7/8" x 4" x 3-1/8"), as manufactured by Barbour Concrete Pavers Inc., Independence, Missouri (816-796-3344) or approved equal. Color to match existing pavers at Broadway and William Streets.
2. Cross-walk at mid-block between Douglas and First will be 12' wide. 8' brick section plus plus 2' of 10" conc. pavement on each side.
3. 6-1/4" Reinforced Concrete Base, 5/8" sand base as well as paving bricks shall be paid for under bid item "Paving Brick".
4. This reinforcement to be placed in concrete panels adjacent to brick crosswalk and is Subsidiary to CONCRETE PAVERS.
5. Additional work involved in forming pavement for Paving Brick will be Subsidiary to CONCRETE PAVERS.

* REVISED W/ ADDENDUM; 9/15/97

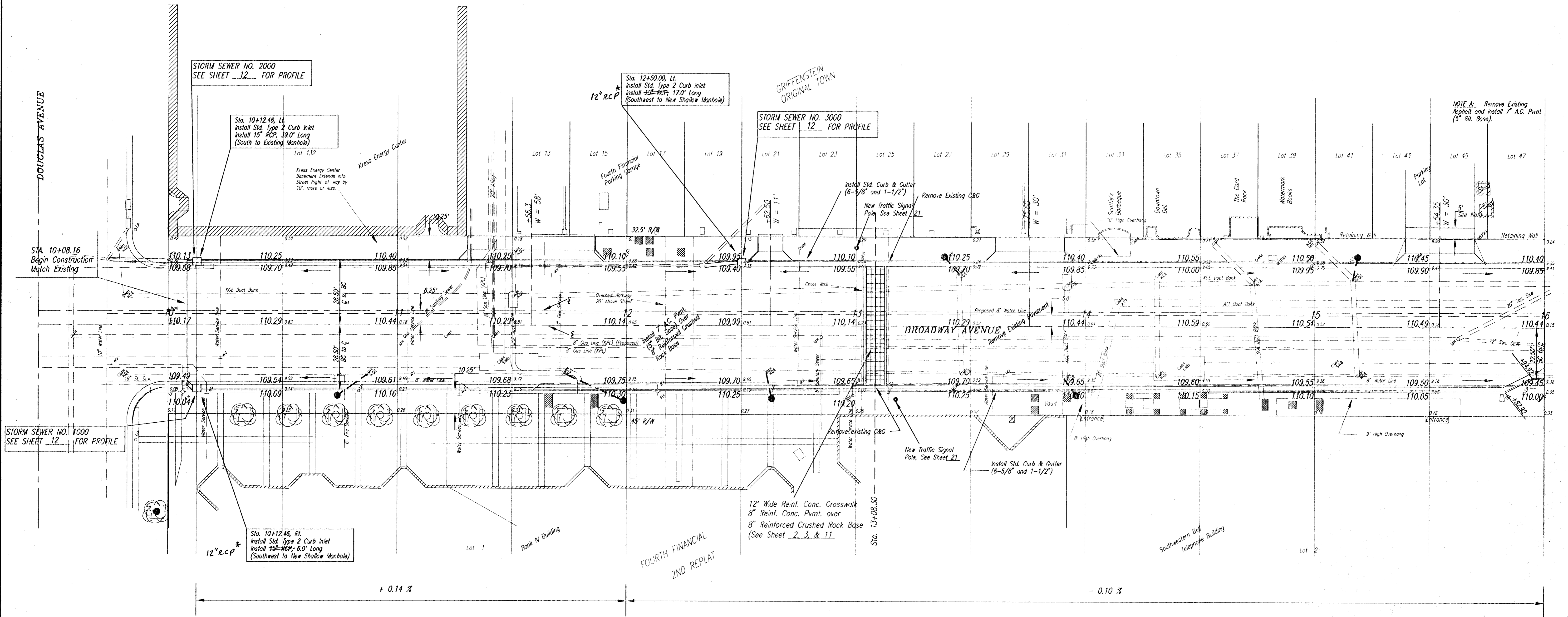
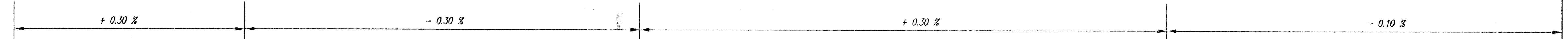
BROADWAY AVENUE DOUGLAS TO CENTRAL MISC. DETAILS		
SCALE:	APPROVED:	DRAWN BY:
DATE:	CHECKED:	SHEET NO.:
PROJECT NO.:		4 OF 47
ME MUNICIPAL ENGINEERS, P.A. 254 LAURA, SUITE 201 WICHITA, KANSAS 67211 316-262-3842		

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

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

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

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



Sta. 10+12.46
PVI, No V.C.
TC EI = 110.04

Sta. 12+00.00
PVI, No V.C.
TC EI = 110.30

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

* REVISED w/ADDENDUM : 9/15/97

BROADWAY AVENUE FROM DOUGLAS AVENUE TO CENTRAL		
SCALE:	APPROVED:	DRAWN BY:
DATE:	CHECKED:	SHEET NO.:
PROJECT NO.:		5 OF 47

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



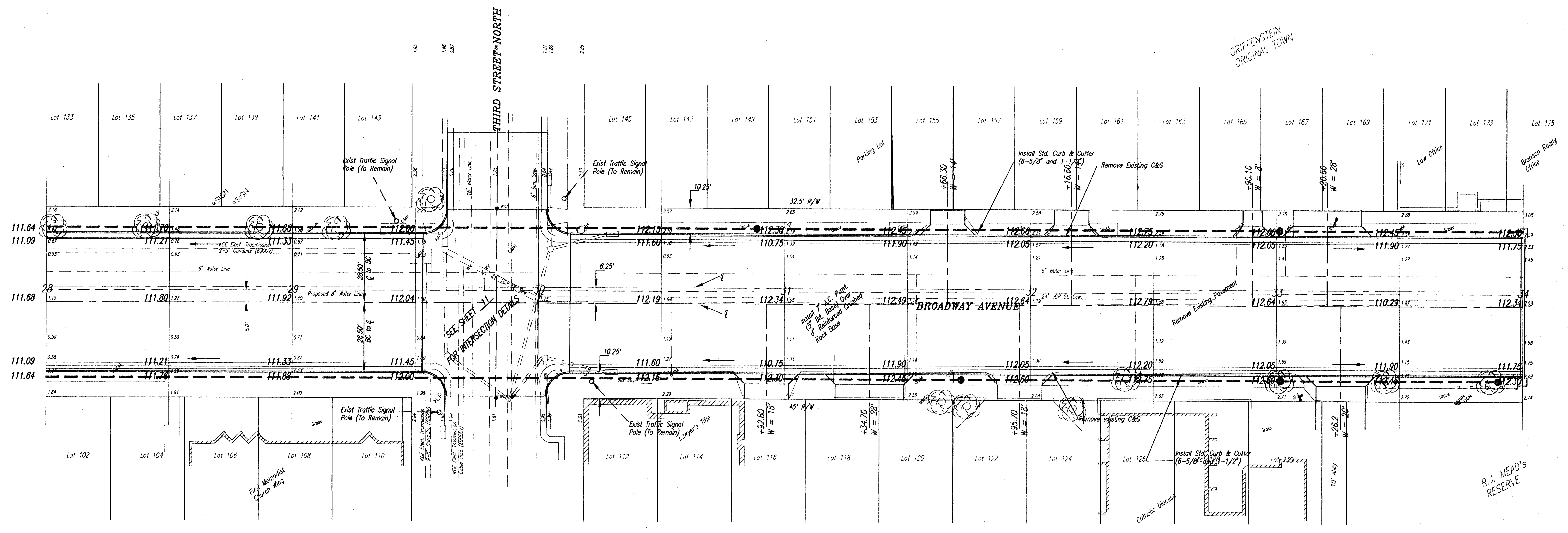
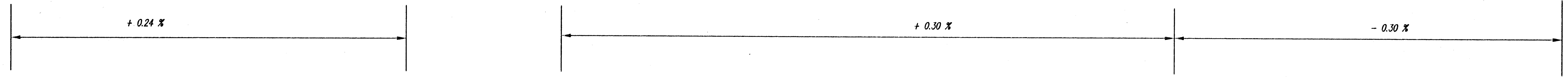
Sta. 28+00.00
TC EI = 111.64

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		

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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, Lt.	Remove existing light pole footing.	
Sta. 11+98, Rt.	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. 26+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 # 1112-DOWR - 8' 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+85, 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.

* REVISED 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. 254-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. = 107.28
Sta. 11+43.9, Rt.	SWB 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.	SWB 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.	SWB Manhole	See Note 1
Sta. 16+23.1, Lt.	MCI Manhole	Covered with Asphalt, See note 1
Sta. 16+24.6, Rt.	SWB 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. = 109.80, Fl Elev. = 108.85
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.	SWB 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.	SWB 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.	SWB Manhole	Replace With Shallow Manhole SEE NOTE 1
Sta. 23+27.2, Rt.	SWB 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. & Rt.	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.

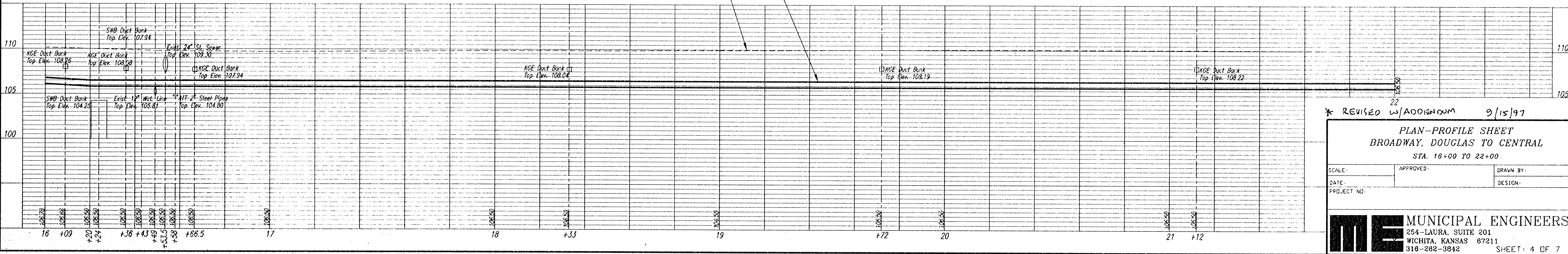
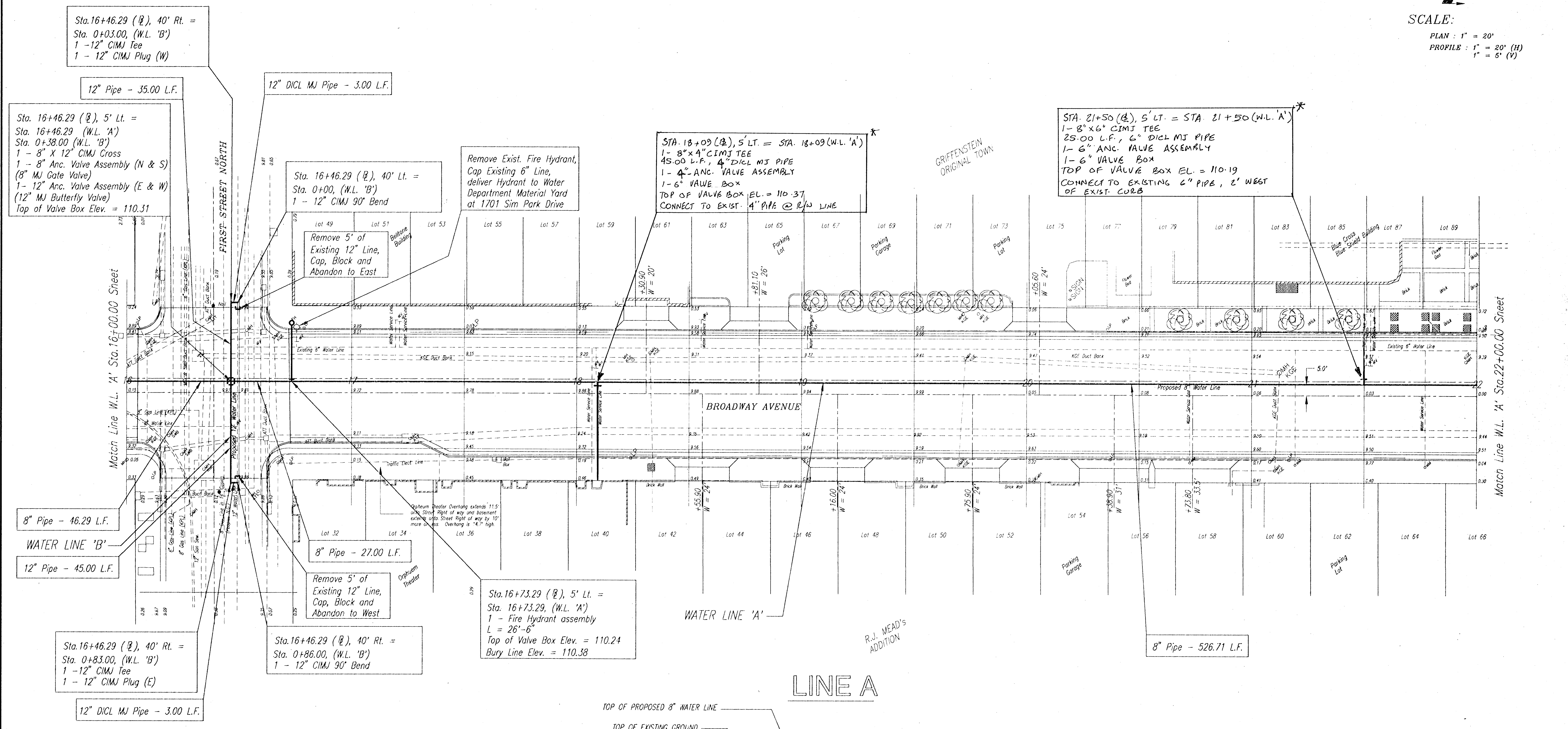
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Revised with Addendum, September 12, 1997

BROADWAY AVE., DOUGLAS TO CENTRAL ADJUSTMENT OF MISC. STRUCTURES			
SCALE:	APPROVED:	DRAWN BY:	
DATE:		CHECKED:	
PROJECT NO:		SHEET NO. 47 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.:		

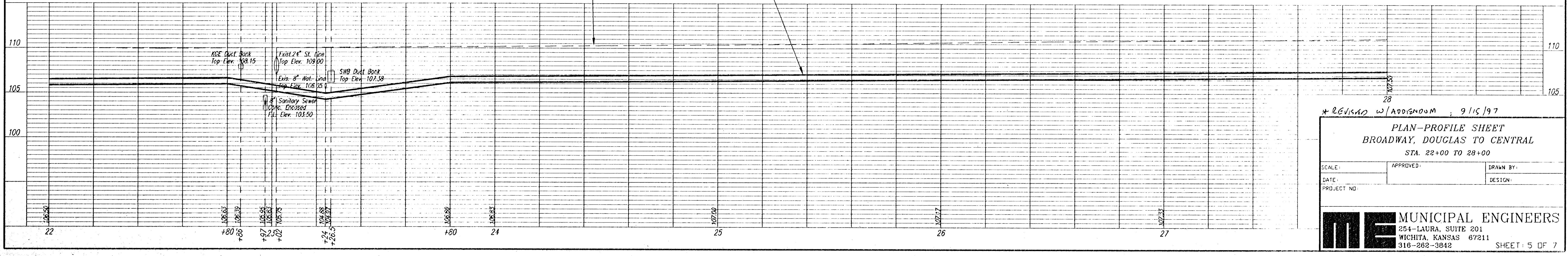
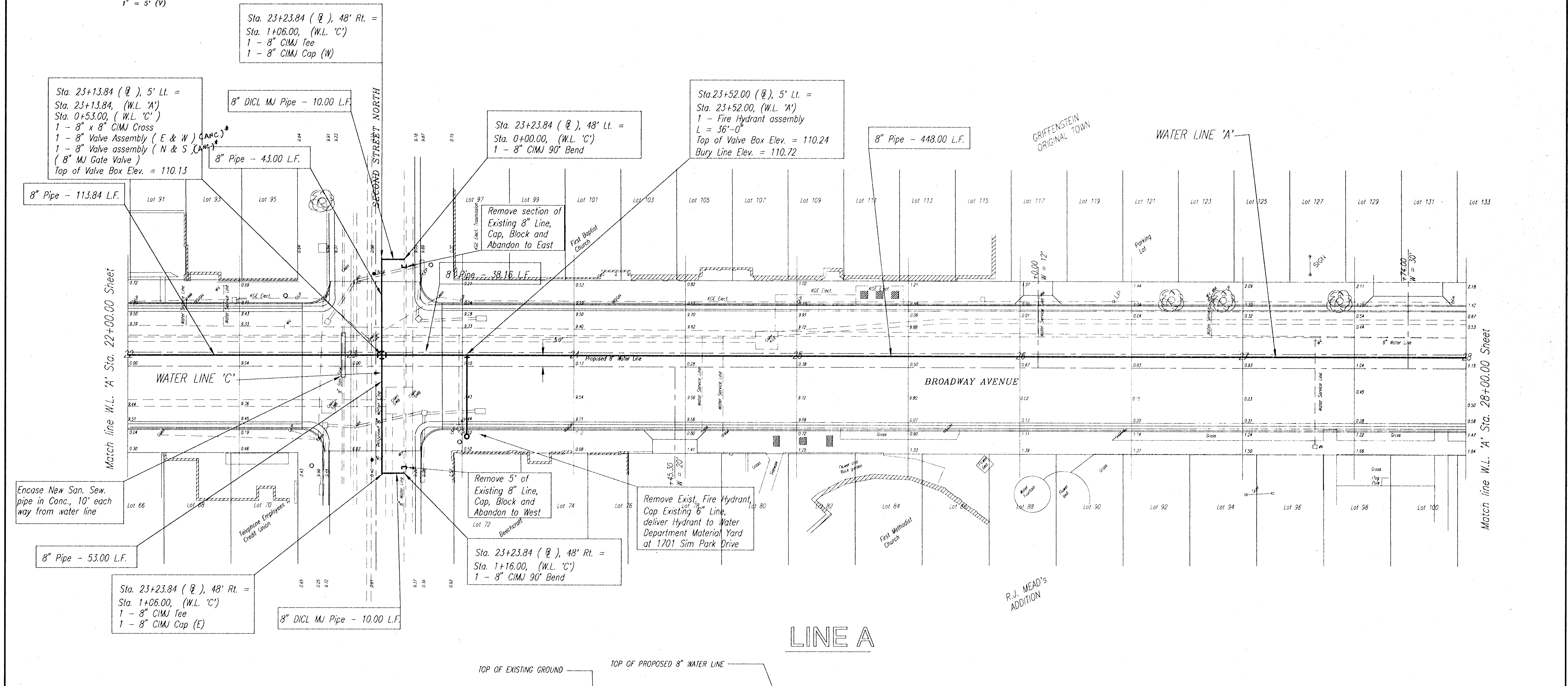
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 254-LAURA, SUITE 201
 WICHITA, KANSAS 67211
 316-262-3842 SHEET: 4 OF 7

D:\APL\DATA\0052-04\URAM\WAT2 Tue Jul 29 08:35:03 1997



SCALE:

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



* REVISION w/ ADDENDUM : 9/15/97

PLAN - PROFILE SHEET
BROADWAY, DOUGLAS TO CENTRAL
STA. 22+00 TO 28+00

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

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

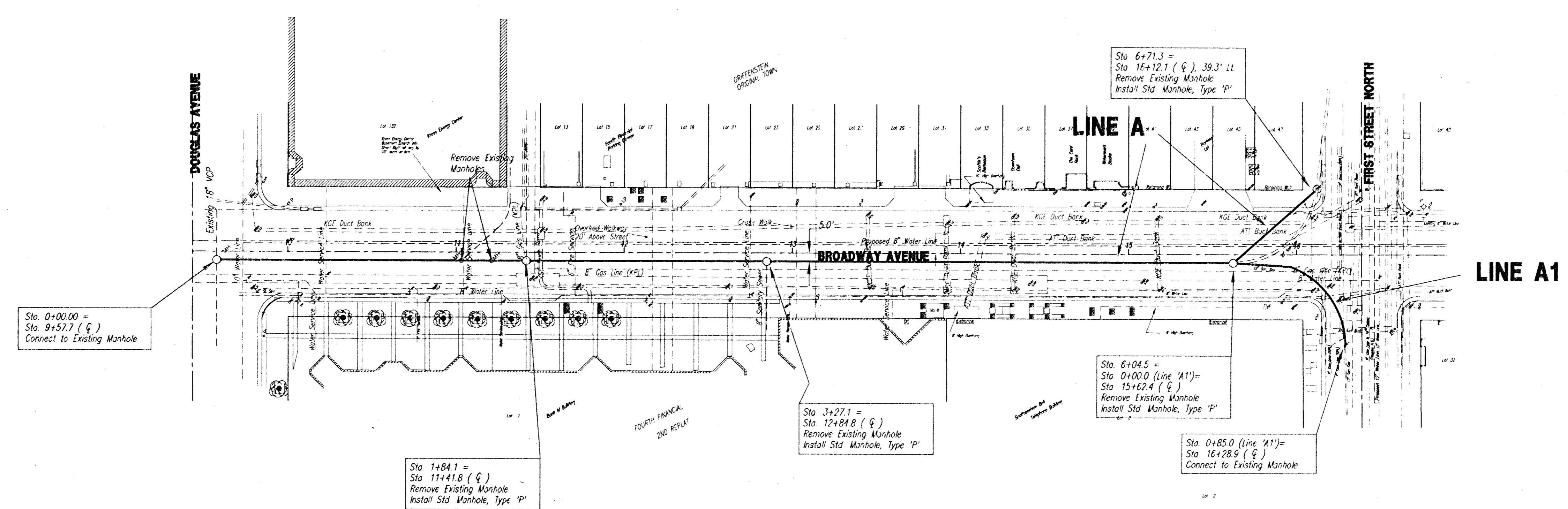
SHEET 5 OF 7

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SCALE:

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

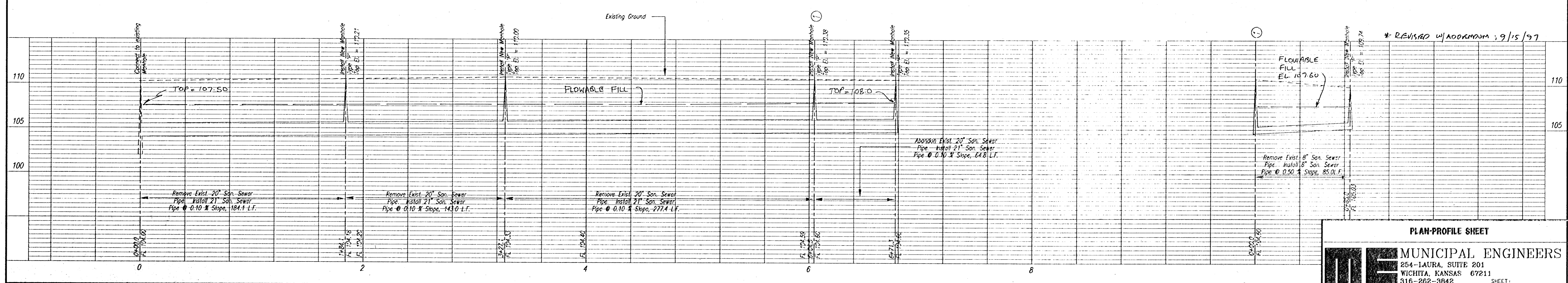


NOTES:

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 enclosures along new sewer pipes.
3. CONTRACTOR MAY USE HOPE PIPE FOR LINE 'A1'. *

LINE A

LINE A1



* REVISAD w/ ADDENDUM 9/15/97

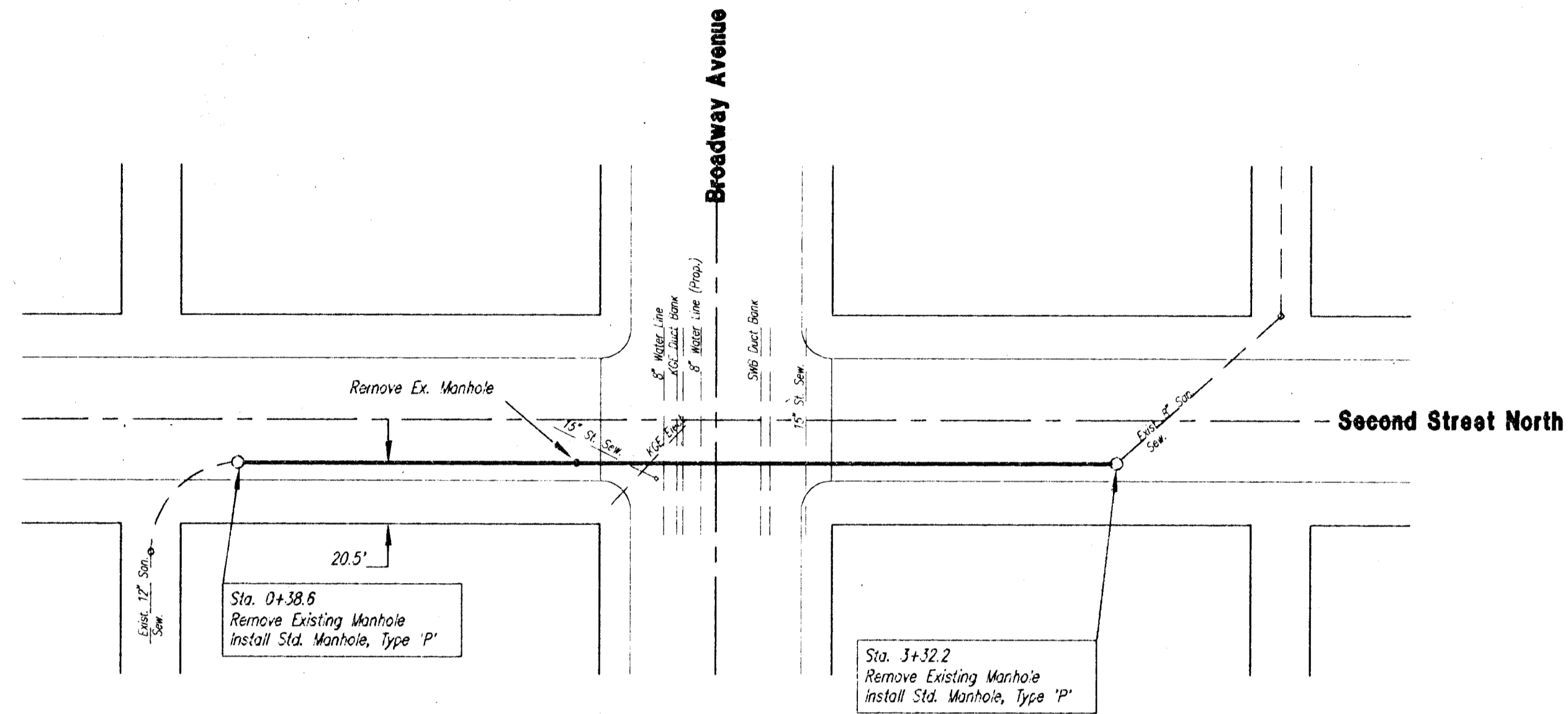
PLAN-PROFILE SHEET

ME MUNICIPAL ENGINEERS
 254-LAURA, SUITE 201
 WICHITA, KANSAS 67211
 316-262-3842 SHEET

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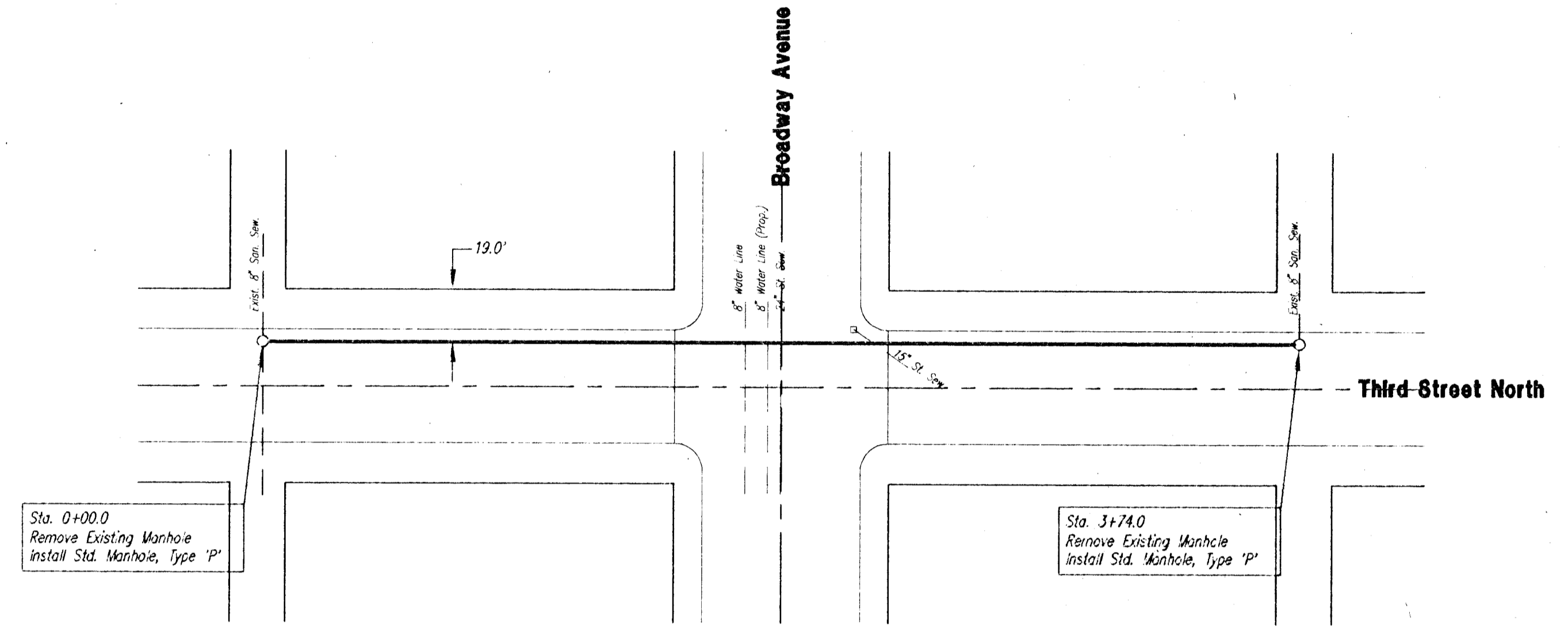
SCALE:

PLAN : 1" = 40'
 PROFILE : 1" = 40' (H)
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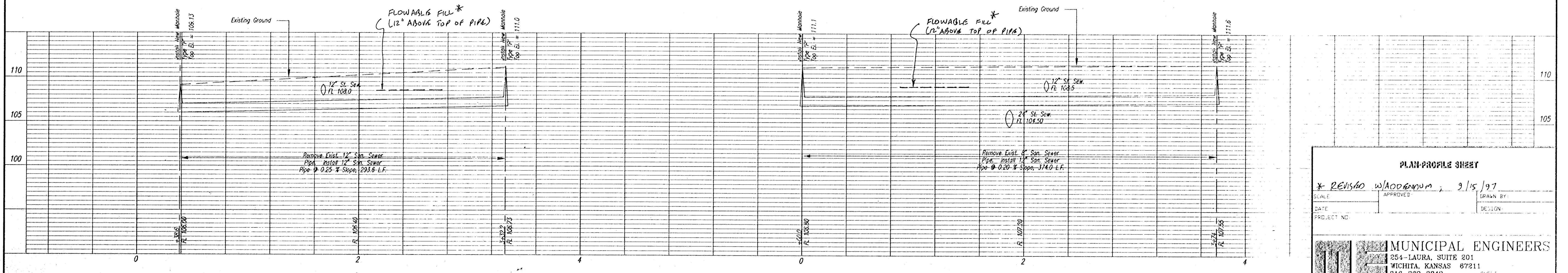
Pavement Replaced (Perm.):
 From Sta. 0+38.6 to Sta. 1+59.8
 From Sta. 2+36.8 to Sta. 3+32.2

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

* REVISED w/ADDENDUM, 2/15/97

SCALE: APPROVED: DRAWN BY:

DATE: DESIGN:

PROJECT NO:

MUNICIPAL ENGINEERS
 254-LAURA, SUITE 201
 WICHITA, KANSAS 67211
 316-262-3842

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