

GENERAL NOTES

1. CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.

EXISTING UTILITIES AND THEIR LOCATIONS, AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS COMPANIES AND IS EITHER FROM COMPANY UTILITY DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

2. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:

KANSAS ONE-CALL 1-800-344-7233
OR 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY 1-571-2115
CABLEVISION 262-4270 OR 263-2061
KANSAS GAS & ELECTRIC 264-1141
CITY OF WICHITA WATER DEPARTMENT 268-4908
ARKLA GAS COMPANY 942-8350 OR 263-8161
CITY OF WICHITA SEWER MAINTENANCE 268-4071

CONSTRUCTION PLANS FOR
GATEWAY PLAZA

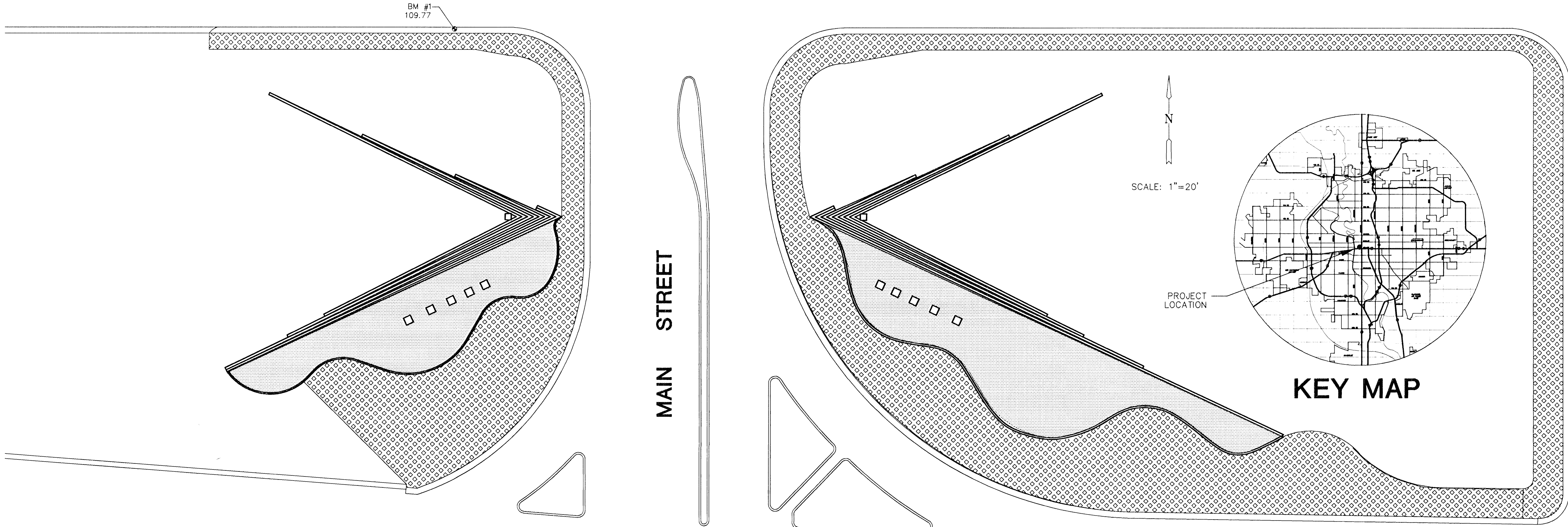
PROJECT NO. 472-82661

THE CITY OF WICHITA
SEDGWICK COUNTY, KANSAS
INDEX NO. 701862

MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
ROBERT ROESCH - ARTIST

INDEX OF DRAWINGS

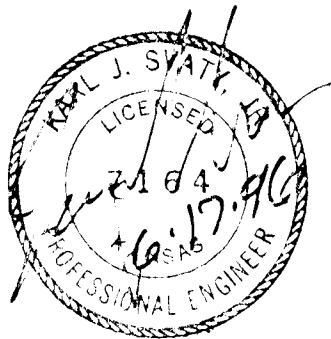
SHEET	DESCRIPTION
1	COVER SHEET T-1
2	SITE PLAN S-1
3	DEMOLITION PLAN S-2
4	WALKWAY LAYOUT AND CURB REPAIR S-3
5	RETAINING WALL ELEVATIONS AND SECTIONS S-4
6	FOUNDATION LAYOUT AND DETAILS S-5
7	GRADING PLAN S-6
8	WALL AND WALKWAY SECTIONS AND DETAILS S-7
9	LANDSCAPE PLAN L-1
10	LANDSCAPE DETAILS L-2
11	IRRIGATION PLAN L-3
12	ELECTRICAL SITE PLAN E-1
13	ELECTRICAL DETAILS E-2



BENCH MARK

B.M. #1 Chis. "□" on the top of the south curb of Dewey 90' west of the Main St. center line. Elevation 109.77

KELLOGG US-54



GATEWAY PLAZA
CONSTRUCTION PLANS

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

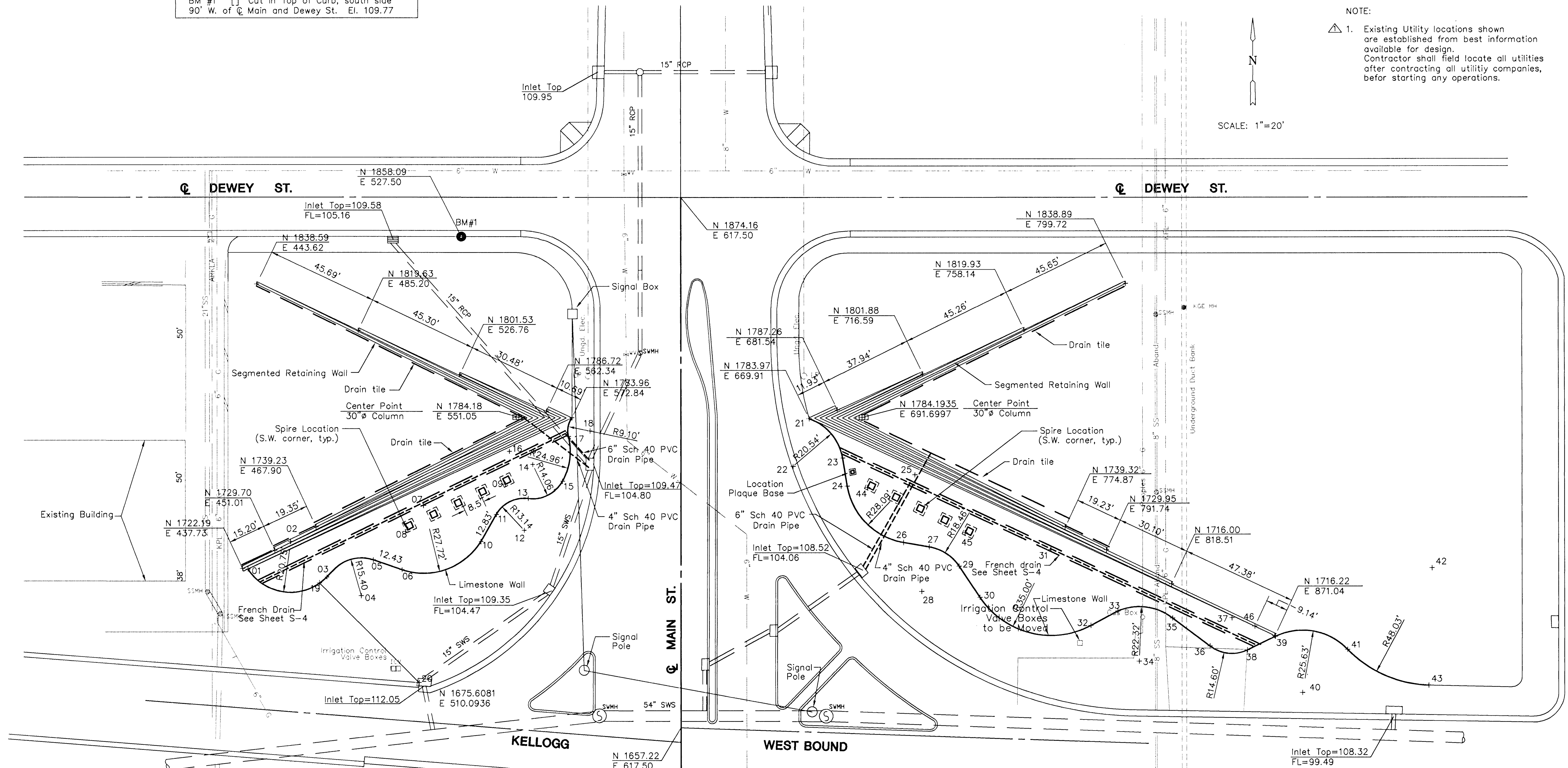
DESIGNED BY: Robert Roesch/SLM	CHECKED BY: KJS/KHB
DRAWN BY: SLM/DPG	DATE: 12/21/95 SHEET 1 OF 12

BM #1 "[J]" Cut in Top of Curb, south side
90' W. of C Main and Dewey St. El. 109.77

NOTE:

1. Existing Utility locations shown are established from best information available for design. Contractor shall field locate all utilities after contracting all utility companies, before starting any operations.

SCALE: 1"=20'



COORDINATES:

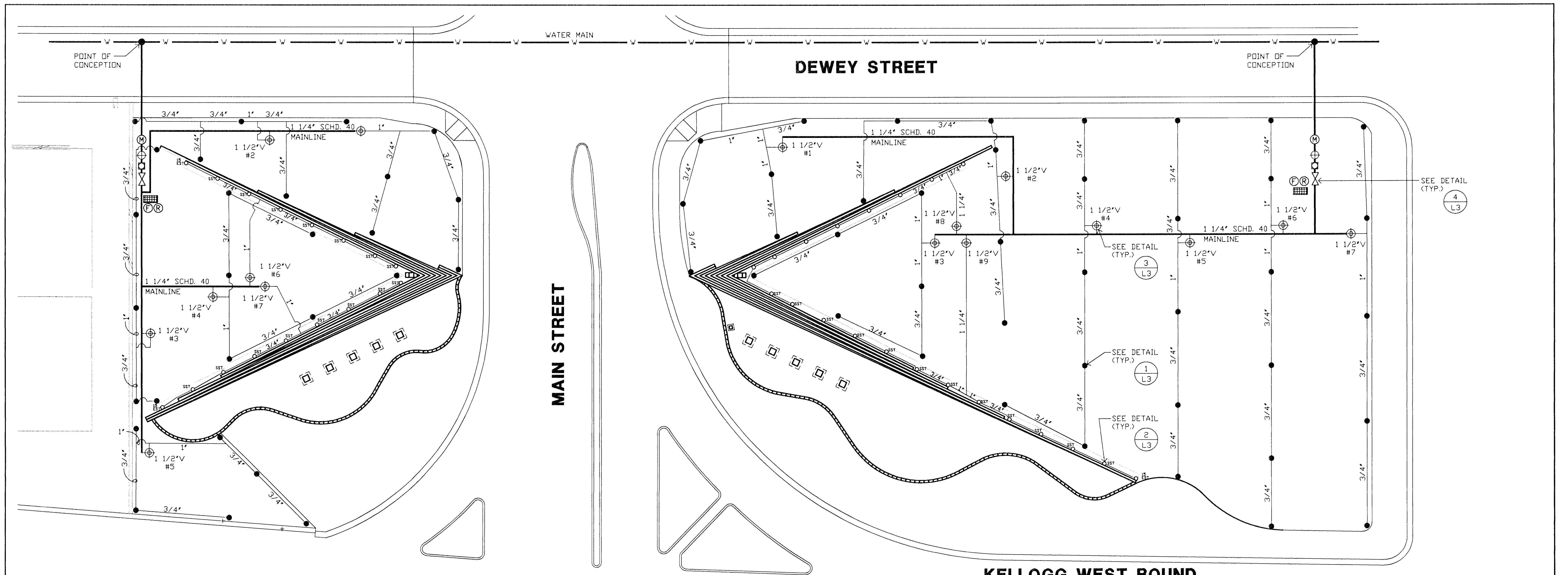
01 N 1722.01	E 440.02	11 N 1744.40	E 541.80
02 N 1733.26	E 457.45	12 N 1737.88	E 553.21
03 N 1719.64	E 472.35	13 N 1750.91	E 554.88
04 N 1711.16	E 486.39	14 N 1764.86	E 556.67
05 N 1725.75	E 491.32	15 N 1757.97	E 568.92
06 N 1721.76	E 503.09	16 N 1770.20	E 547.16
07 N 1748.03	E 511.97	17 N 1776.34	E 571.36
08 N 1738.15	E 505.58	18 N 1778.58	E 580.18
09 N 1756.78	E 545.52	19 N 1716.47	E 469.47
10 N 1733.26	E 535.43	20 N 1675.61	E 510.09

COORDINATES:

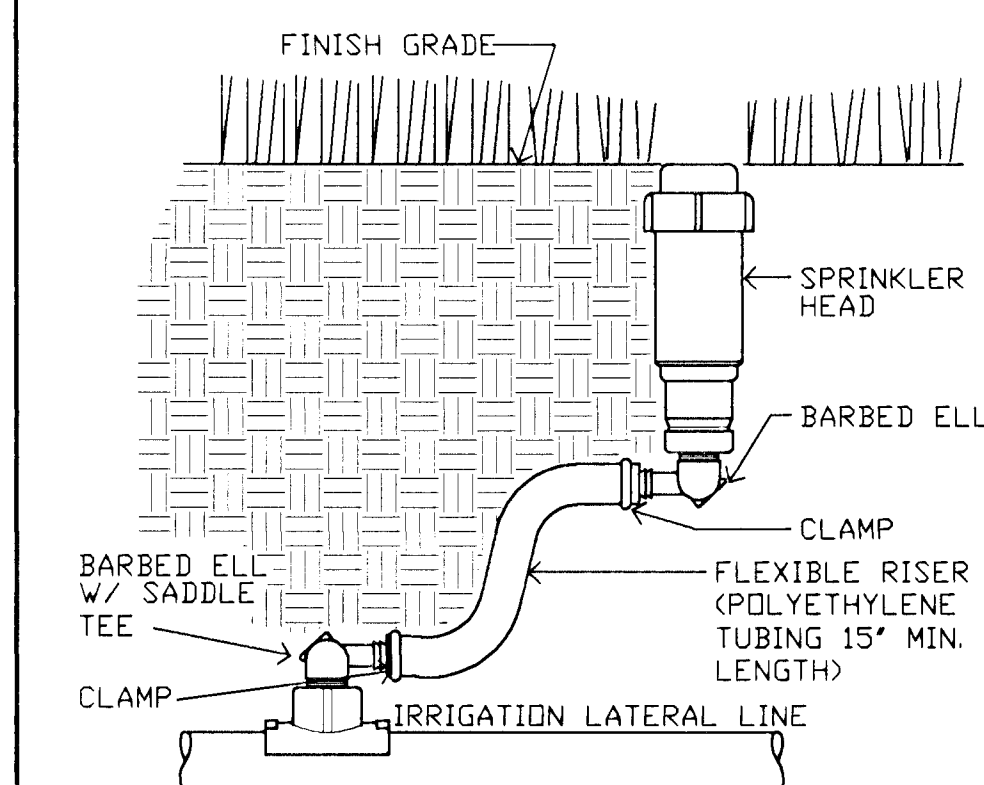
21 N 1783.62	E 670.01	35 N 1702.09	E 818.91
22 N 1764.16	E 663.45	36 N 1690.69	E 834.31
23 N 1767.55	E 683.71	37 N 1702.22	E 843.26
24 N 1756.02	E 685.64	38 N 1689.07	E 849.60
25 N 1760.67	E 713.34	39 N 1694.60	E 861.06
26 N 1732.97	E 708.65	40 N 1671.52	E 872.20
27 N 1731.19	E 719.17	41 N 1689.27	E 890.68
28 N 1712.99	E 716.09	42 N 1722.54	E 925.32
29 N 1723.27	E 731.42	43 N 1674.54	E 923.94
30 N 1710.55	E 739.96	44 N 1755.53	E 693.95
31 N 1730.05	E 769.02	45 N 1736.96	E 733.95
32 N 1699.13	E 785.41	46 N 1698.78	E 852.67
33 N 1705.00	E 796.50		
34 N 1684.46	E 805.23		

REVISIONS			
	Changed Notes		8/8/96
GATEWAY PLAZA			
SITE PLAN			
S-1			
MID-KANSAS ENGINEERING CONSULTANTS, INC.			
WICHITA, KANSAS			
DESIGNED BY:	Robert Roesch / SLW	CHECKED BY:	KJS
DRAWN BY:	SLW	DATE:	12/18/95
		SHEET 2	OF 12

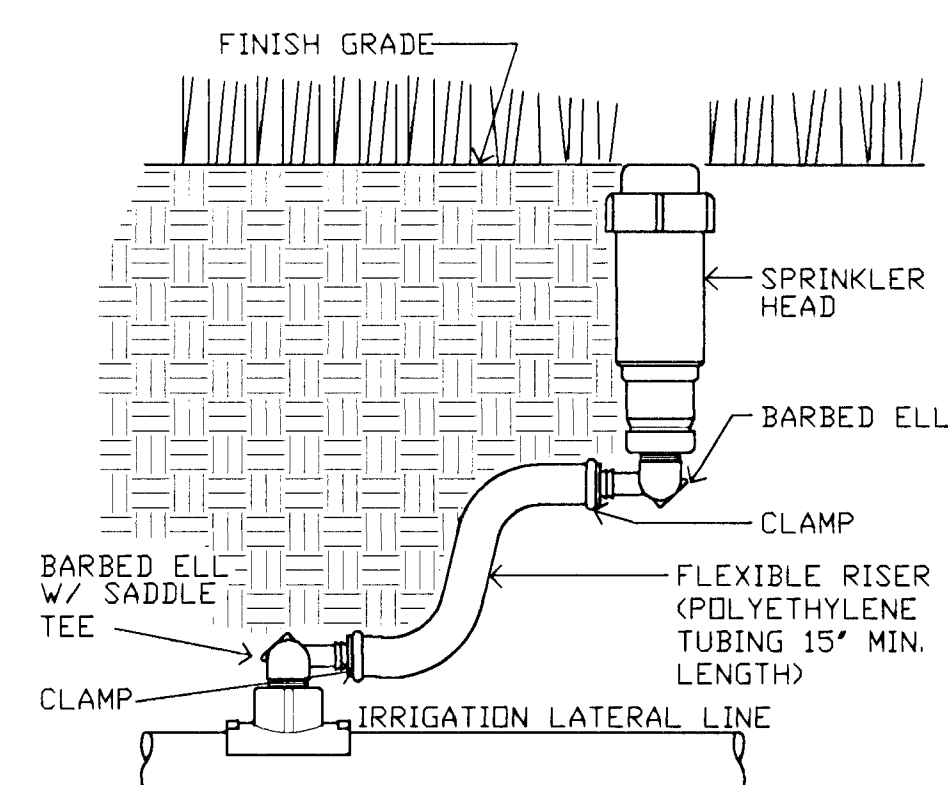
S-1.DWG



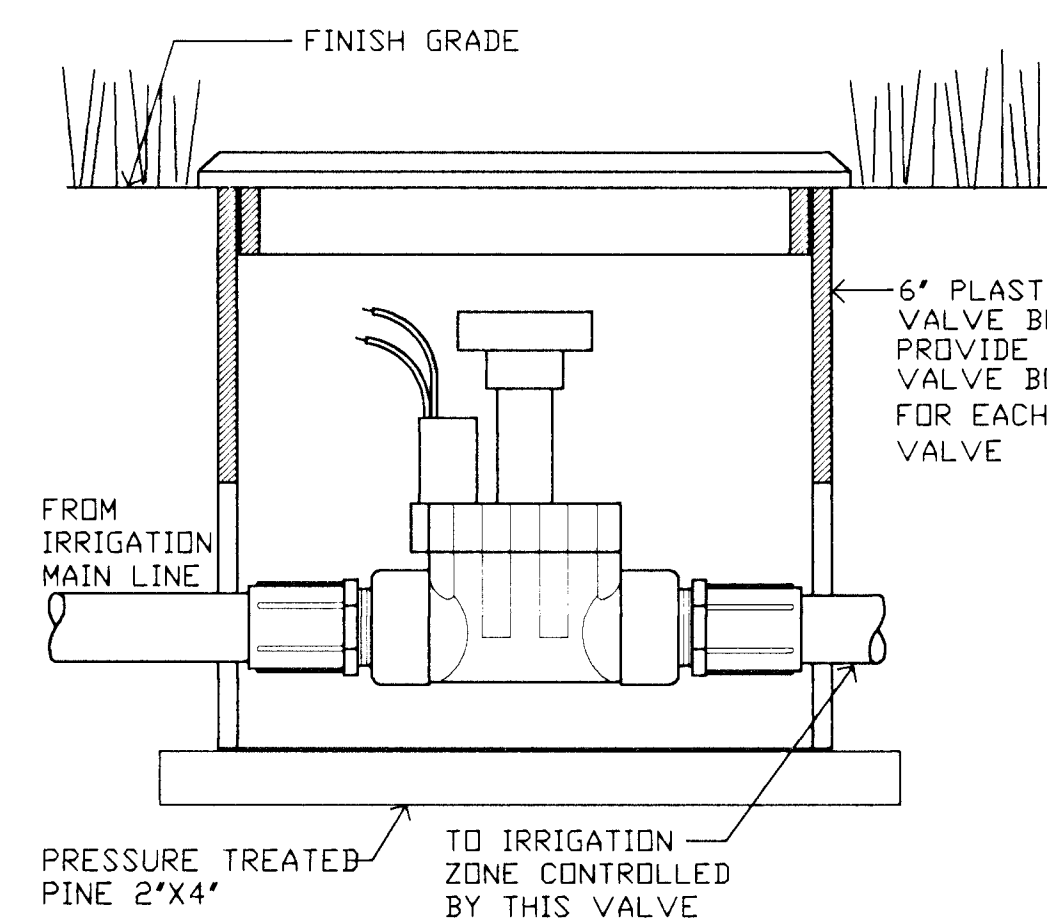
A IRRIGATION PLAN FOR THE GATEWAY PLAZA



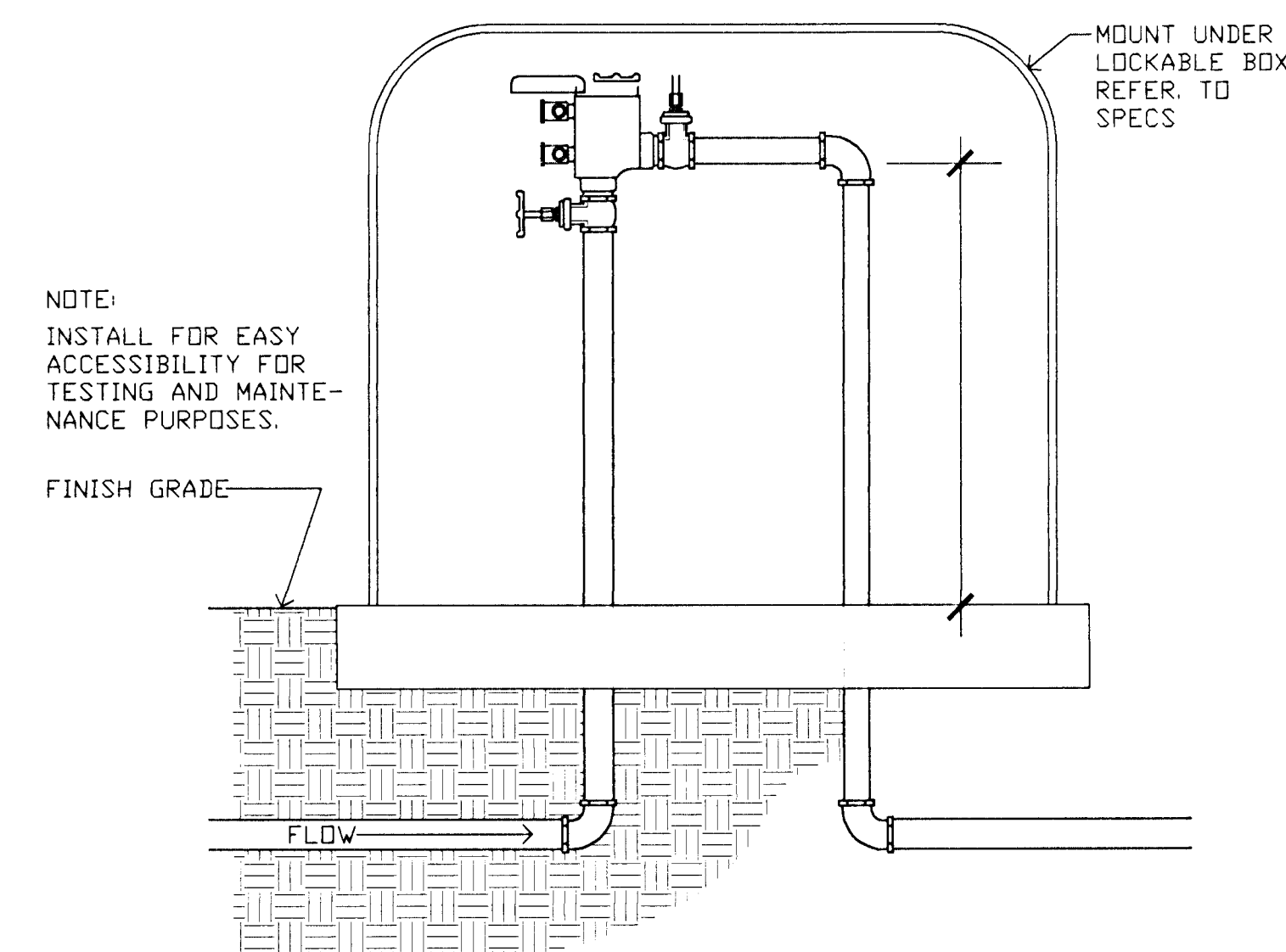
1 ROTARY SPRAY HEAD ON FLEXIBLE RISER
L3 NOT TO SCALE



2 POP-UP SPRAY HEAD ON FLEXIBLE RISER
L3 NOT TO SCALE (USE FOR HEARS NEAR STRUCTURE, WALKS, CURBS, ETC.)



3 ELECTRIC VALVE
L3 NOT TO SCALE



4 BACKFLOW PREVENTION DEVICE
L3 NOT TO SCALE

LEGEND

- HUNTER I-20 ROTOR, #6 NOZZLE
 - HUNTER 4" POP-UP SPRAY HEAD
 - ⊕ ELECTRIC VALVE
 - ▢ PEDESTAL MOUNT IRRIGATION CONTROLLER RAINBIRD RCM
 - ⋈ BACKFLOW PREVENTION DEVICE
 - RAINBIRD #44RC QUICK COUPLER
 - ⊕ MASTER VALVE
 - Ⓜ 1" WATER METER
 - Ⓢ FREEZE SENSOR
 - Ⓡ RAIN SENSOR
1. CONTRACTOR TO ASCERTAIN LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO EXCAVATION AND BE RESPONSIBLE FOR DAMAGE RESULTING FROM IRRIGATION INSTALLATION OPERATIONS.
 2. IRRIGATION LAYOUT PLAN IS DESIGNED TO OPERATE AT 80 PSI. CONTRACTOR IS RESPONSIBLE TO CHECK WATER PRESSURE AND NOTIFY OWNER IF IT IS LESS THAN 80 PSI.

SCALE: 1"=20'



GATEWAY PLAZA

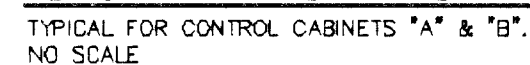
L-3

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY: SWH	CHECKED BY: SLM	
DRAWN BY: JRS	DATE: 6/7/96	SHEET 10 OF 12



TYPICAL FOR CONTROL CABINETS "A" & "B"
NO SCALE



SEE PROJECT PLANS
FOR WIRING AND
CONDUIT SIZING.

Stefan, Morgan & Associates

Electrical Engineering
and Design
628 N. Broadway, Suite
Wichita, Ks. 67214-359
(318) 284-3081
FAX: (318) 254-3542

GENERAL NOTES

SV4

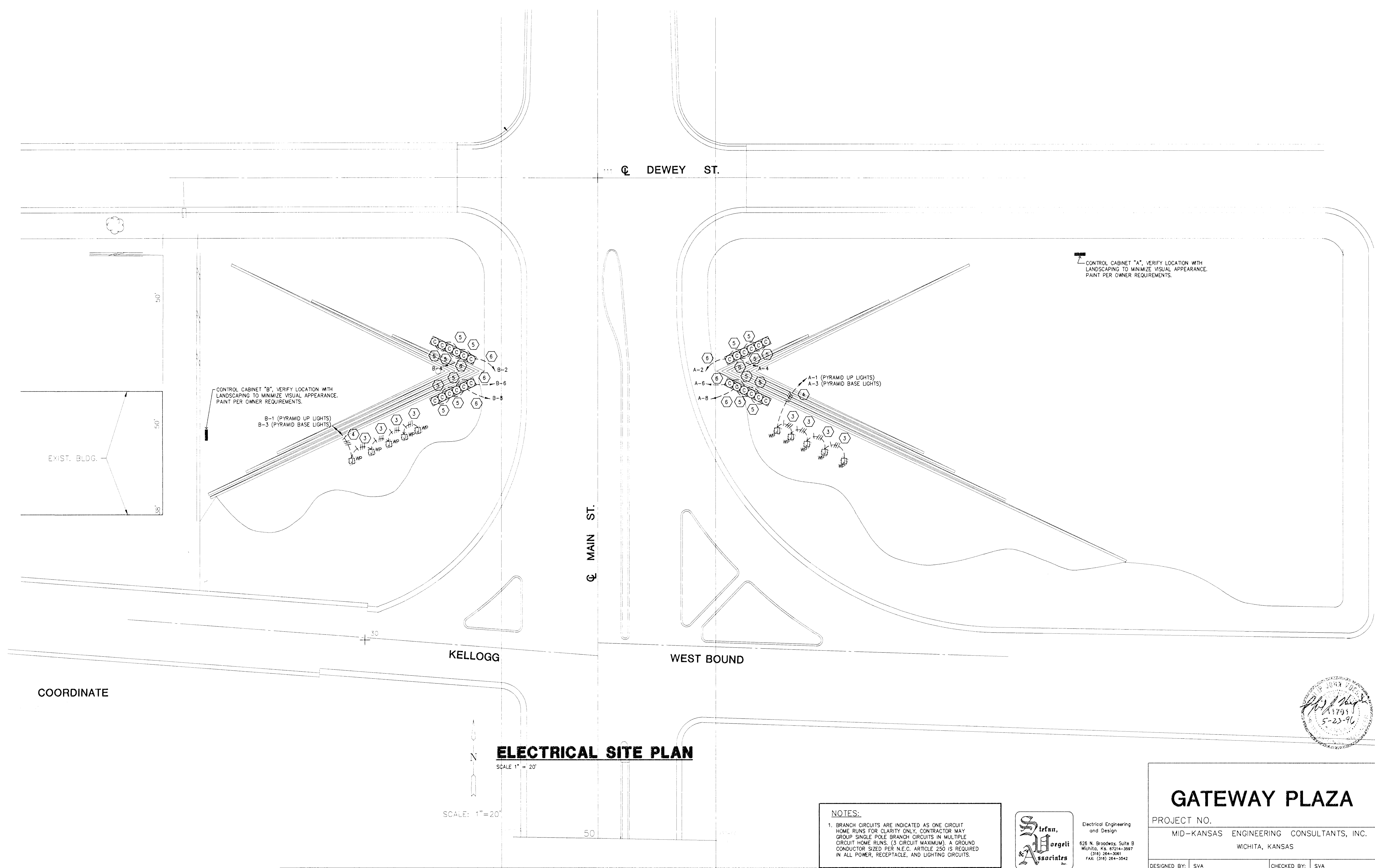
1. VERIFY ALL OUTLET LOCATIONS ON THE JOB PRIOR TO ROUGH-IN.
2. REFER TO RELATED ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR RELATED INFORMATION.
3. REFER TO THE SPECIFICATIONS FOR DATA NOT ON THE DRAWINGS.
4. COORDINATE OUTLET BOX LOCATIONS WITH MASONRY TO MINIMIZE CUTTING OF BRICK OR BLOCK.
5. ALL MOUNTING HEIGHTS TO BOTTOM OF ITEM UNLESS OTHERWISE NOTED.
6. CONDUIT RUN W/CONDUCTORS AS INDICATED, CONDUIT SIZE AS REQUIRED. CONDUIT RUN TO PANEL DEVICE SIZE AS INDICATED (AMP/P.OLE). CONDUIT WITHOUT INDICATION IS ROUTED TO 20A, 1P. BREAKER.
7. A. GROUND CONDUCTOR SIZED PER N. E. C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CIRCUITS. GROUND CONDUCTORS ARE NOT SHOWN ON DRAWINGS.

FEEDER SCHEDULE						
FEEDER IDENT	CONDUCTORS			GROUND	ISOLATED	CONDUIT
	SETS	QUANT. PER SET	SIZE	SIZE PER SET	GRD. SIZE PER SET	SIZE PER SET
						
1	1	4	#3	#6	-----	1 1/2"
2	1	4	#3	-----	-----	3"
3	1	3	#10	#10	-----	3/4"
4	1	3	#6	#10	-----	1"
5	1	2	#10	#10	-----	3/4"
6	1	2	#6	#10	-----	3/4"

GATEWAY PLAZA

PROJECT NO.
MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	SVA	CHECKED BY:	SVA
DRAWN BY:	SVA	DATE: 5/24/96	SHEET E1 OF 2



ELECTRICAL SITE PLAN

SCALE 1" = 20'

SCALE: 1" = 20'

NOTES:
1. BRANCH CIRCUITS ARE INDICATED AS ONE CIRCUIT. HOME RUNS FOR CLARITY ONLY. CONTRACTOR MAY GROUP SINGLE POLE BRANCH CIRCUITS IN MULTIPLE CIRCUIT HOME RUNS. (3 CIRCUIT MAXIMUM). A GROUND CONDUCTOR SIZED PER N.E.C. ARTICLE 250 IS REQUIRED IN ALL POWER, RECEPTACLE, AND LIGHTING CIRCUITS.

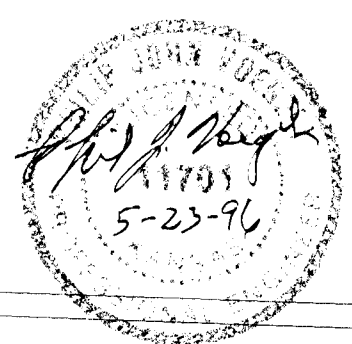


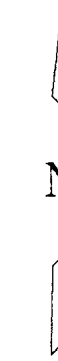
Electrical Engineering and Design
626 N. Broadway, Suite B
Wichita, KS. 67214-3597
(316) 264-3061
FAX: (316) 264-3542

GATEWAY PLAZA

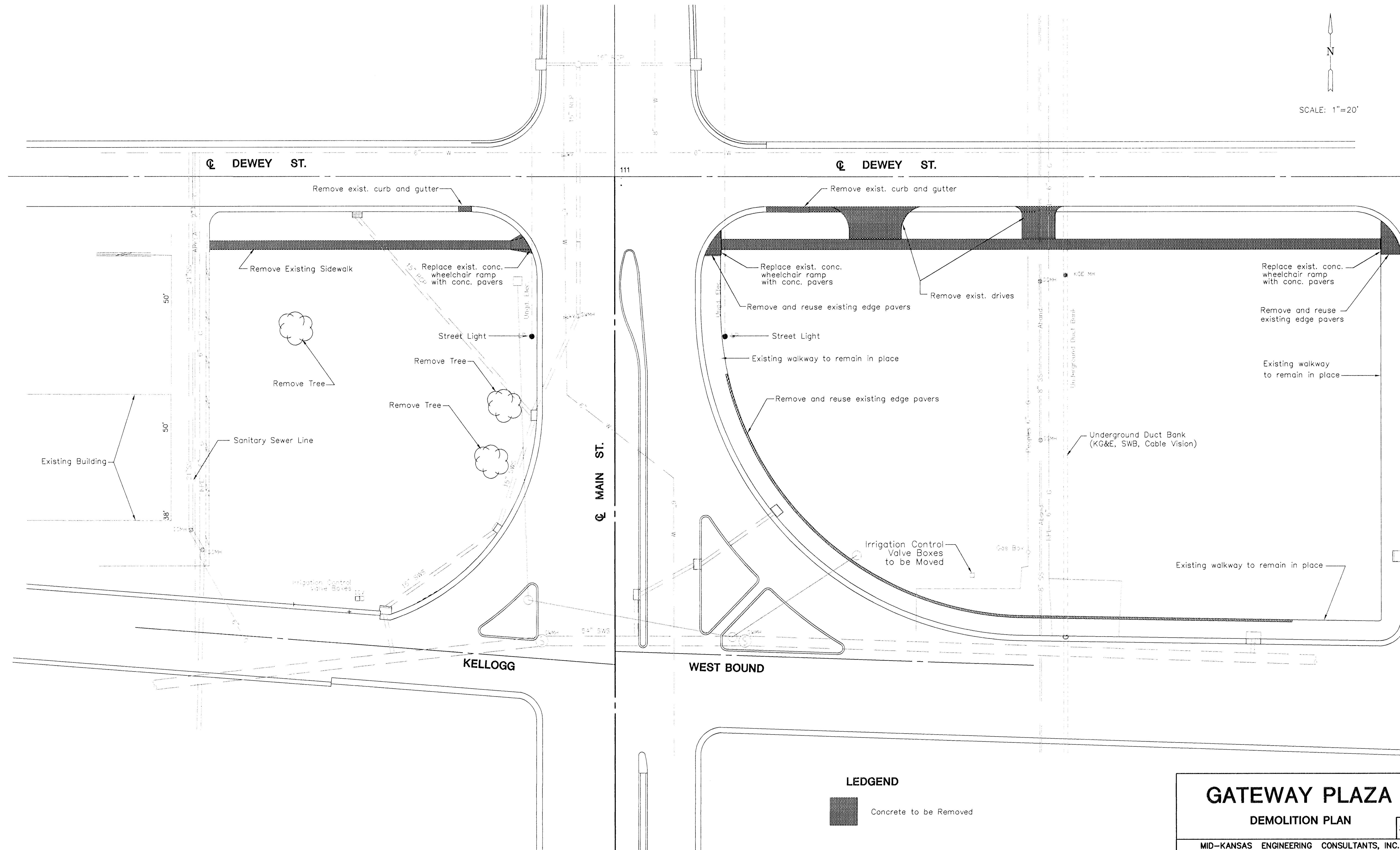
PROJECT NO. MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	SVA	CHECKED BY:	SVA
DRAWN BY:	SVA	DATE:	5/24/96 SHEET E2 OF 2





SCALE: 1"=20'



GATEWAY PLAZA

DEMOLITION PLAN

S-2

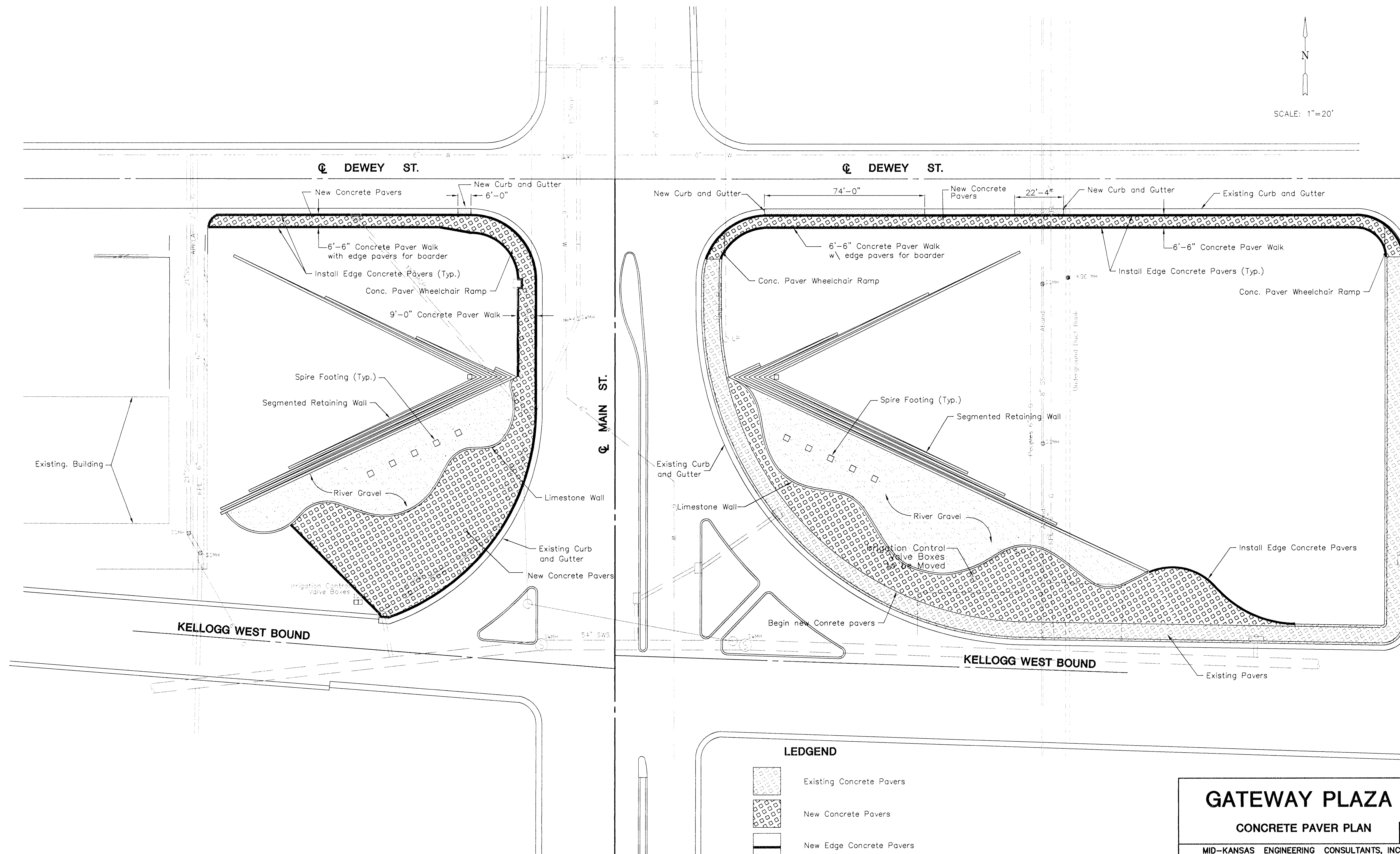
MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	Robert Roesch/SLM	CHECKED BY:	KJS
DRAWN BY:	SLM	DATE:	12/18/95 SHEET 3 OF 12

S-2.DWG



SCALE: 1"=20'



GATEWAY PLAZA

CONCRETE PAVER PLAN

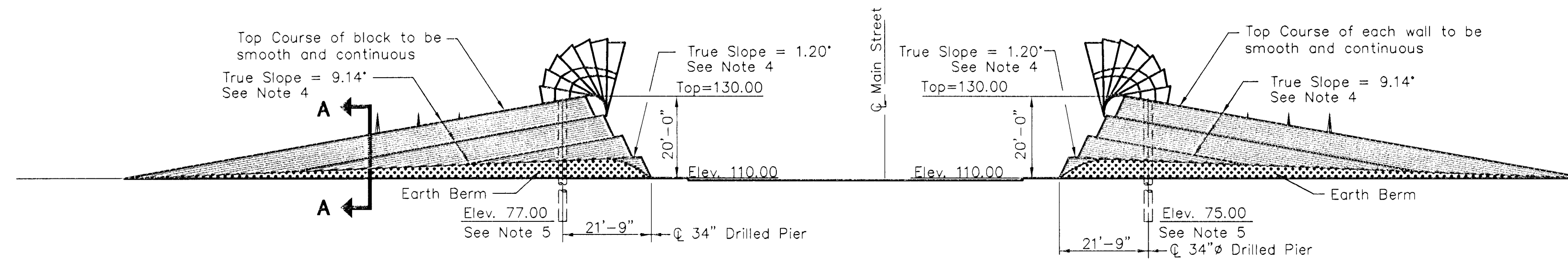
S-3

MID-KANSAS ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

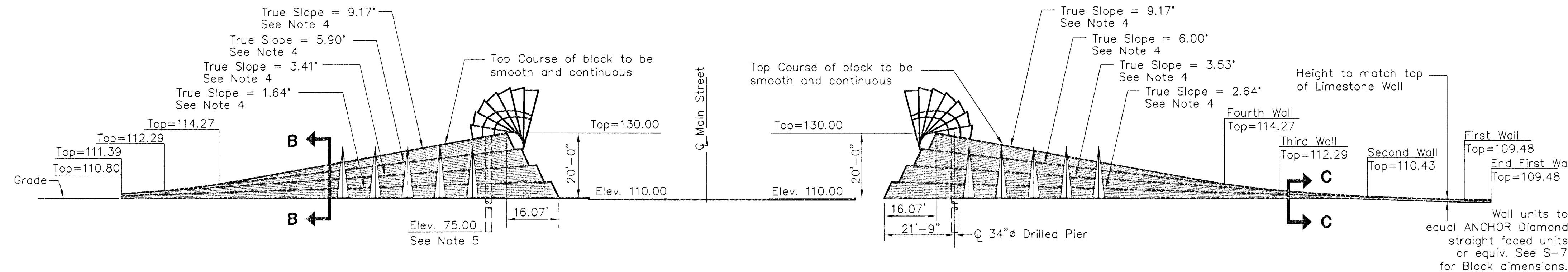
DESIGNED BY:	Robert Roesch/SLM	CHECKED BY:	KJS
DRAWN BY:	SLM	DATE:	12/18/95
		SHEET	4 OF 12

S-3.DWG



NORTH ELEVATION ▲

SCALE: 1"=20'



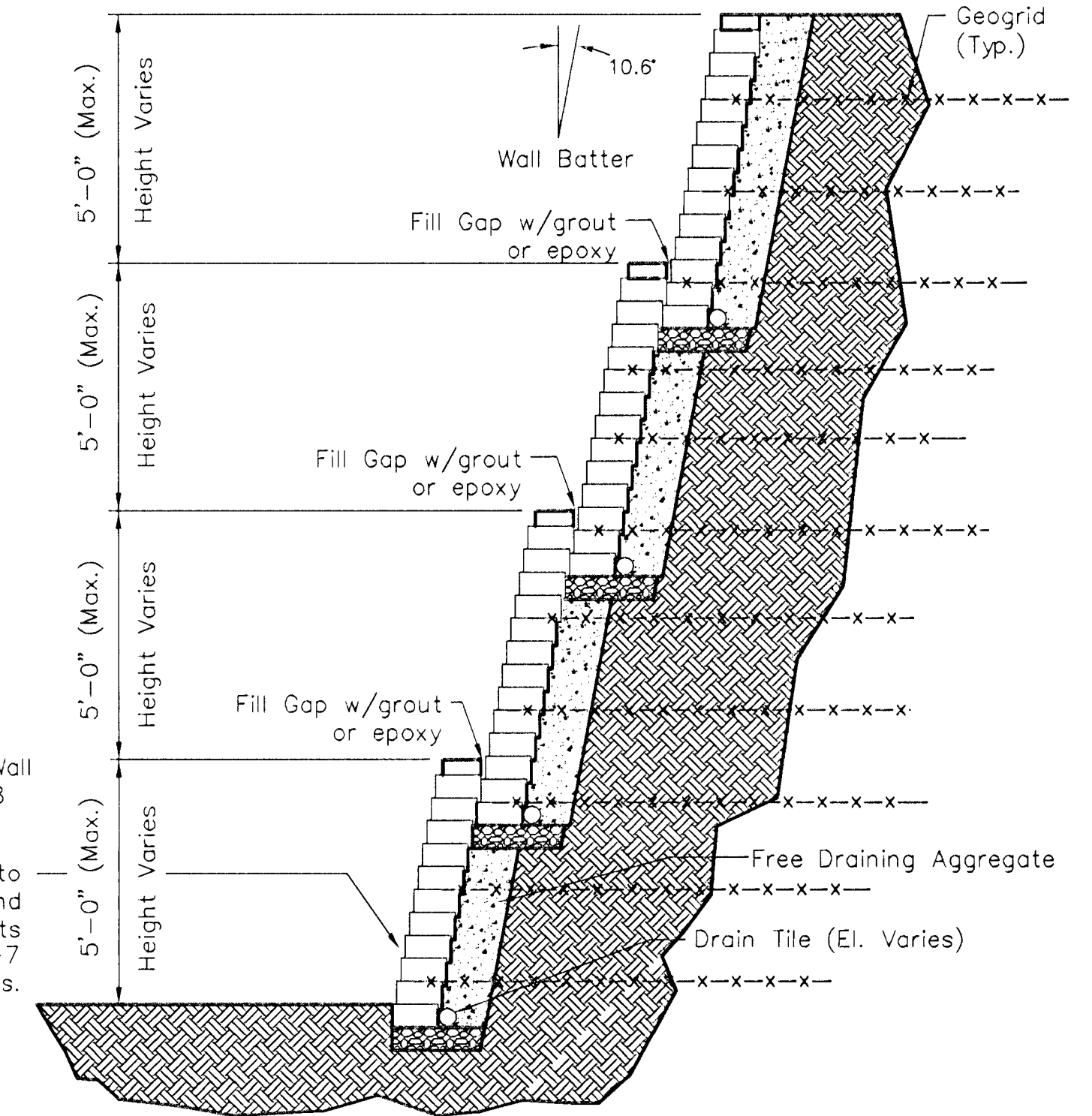
SOUTH ELEVATION ▲

SCALE: 1"=20'

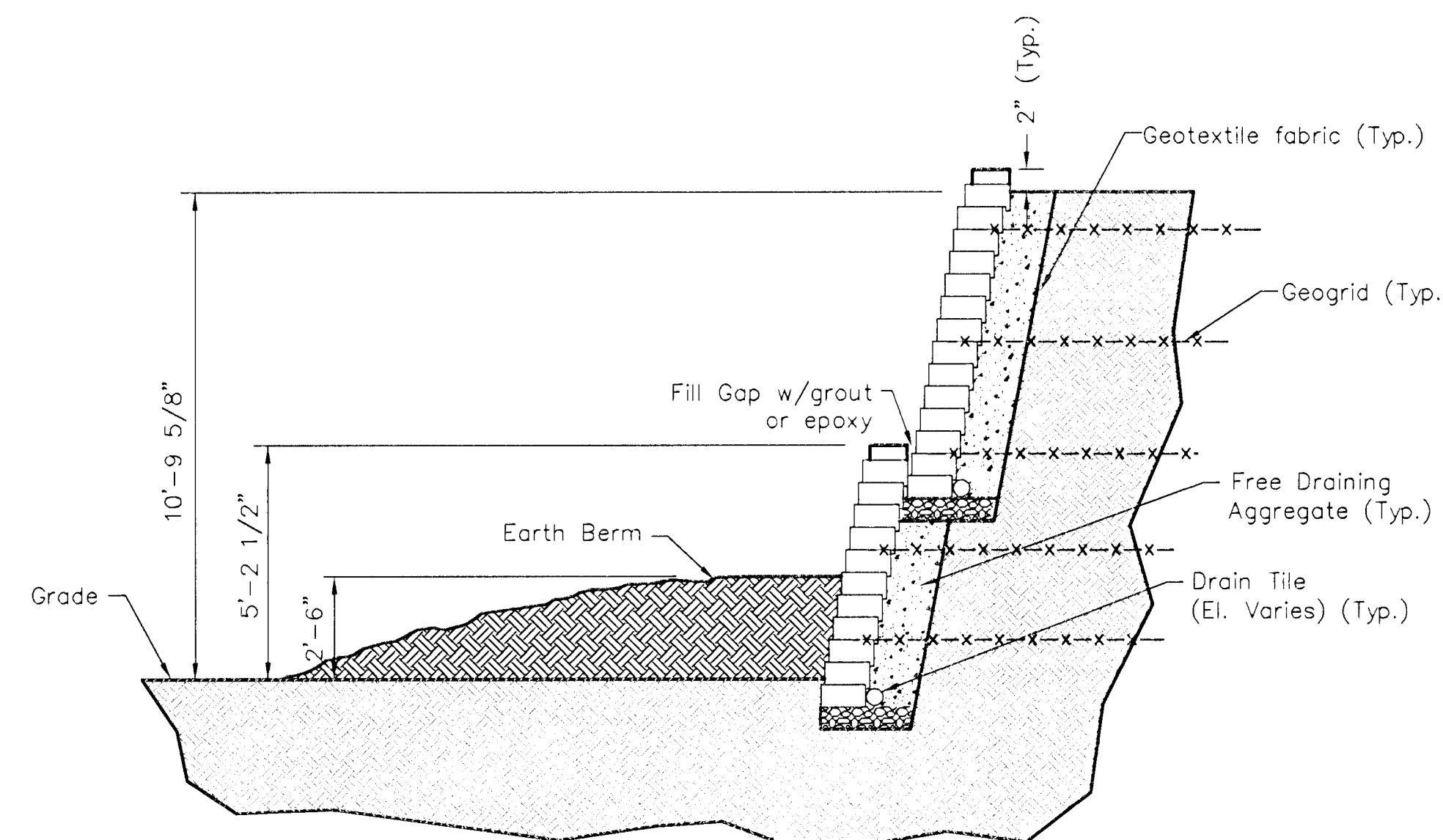
(Limestone Wall not shown for clarity)

NOTES:

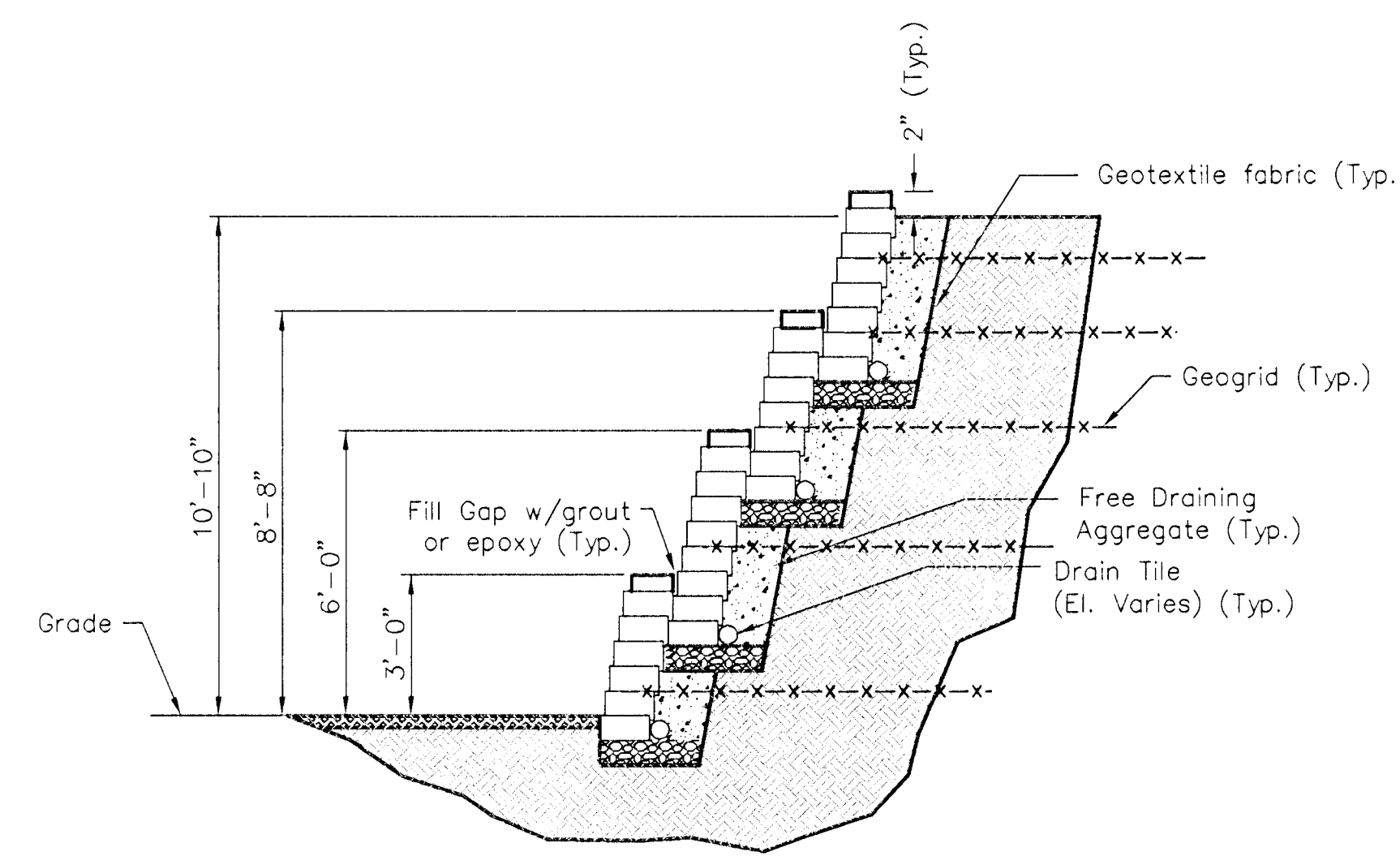
1. The wall design shall be performed by the Manufacturer and shall be stamped by a Professional Engineer. The Wall shop drawings shall be submitted to the Engineer and approval obtained prior to construction. The wall shall be installed per Manufacturer's recommendation and shop drawings. Geotechnical information will be obtained by contractor. Differential settlement of walls shall not have a slope of more than 0.005%.
2. Sections and details of retaining wall are shown for reference only.
3. Geogrid to be installed per Manufacturer's recommendation.
4. Angles shown are actual slope of wall, not the projected angle.
5. Pier auger to penetrate soundly into Wellington shale (thru the weathered surface).



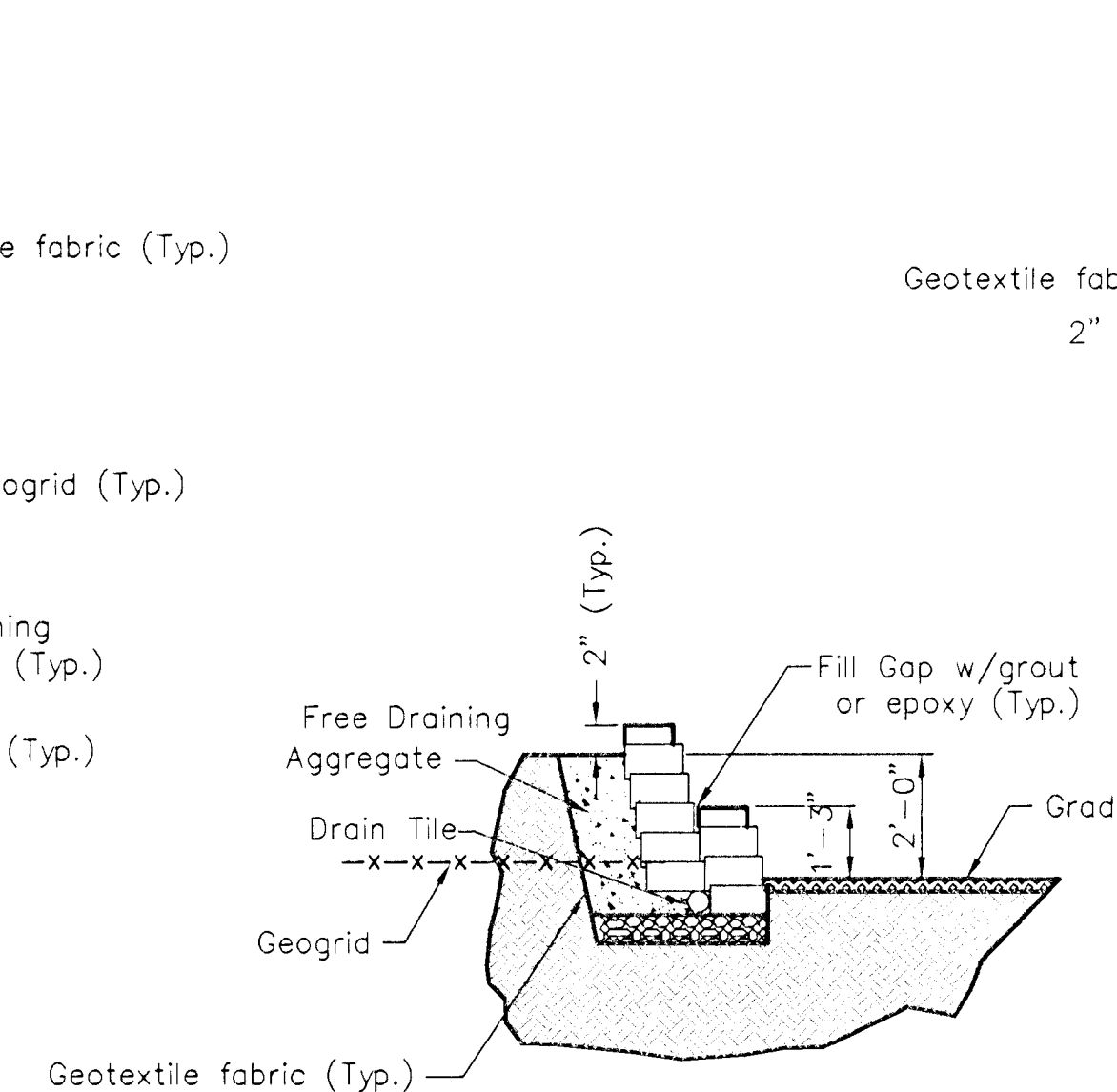
TYPICAL SECTION SEGMENTED RETAINING WALL



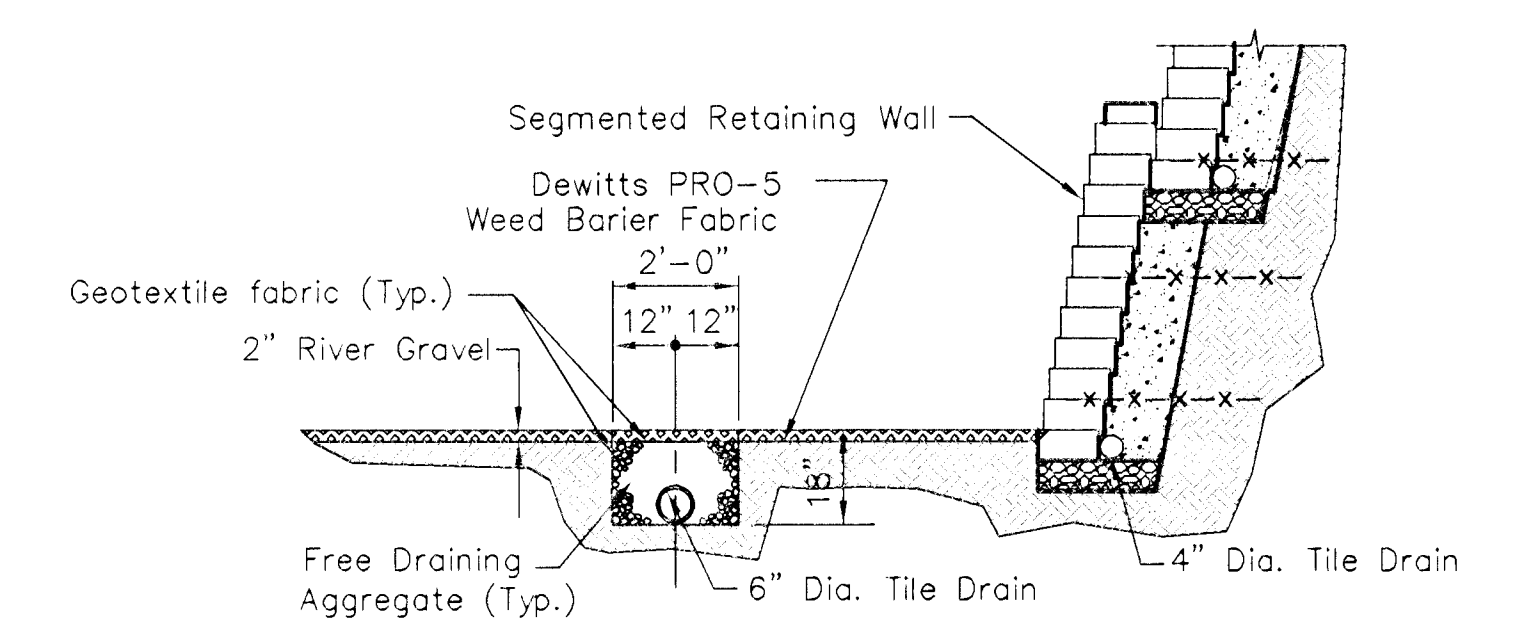
SECTION A-A



SECTION B-B

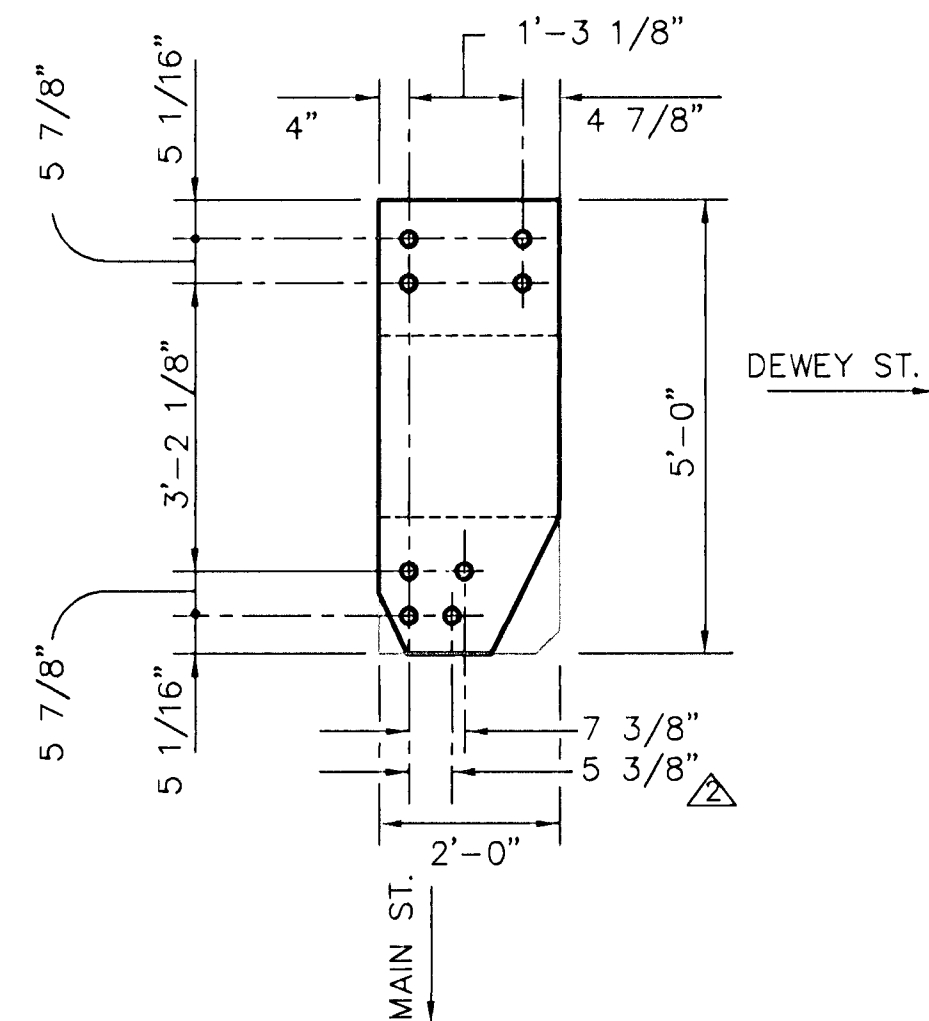


SECTION C-C

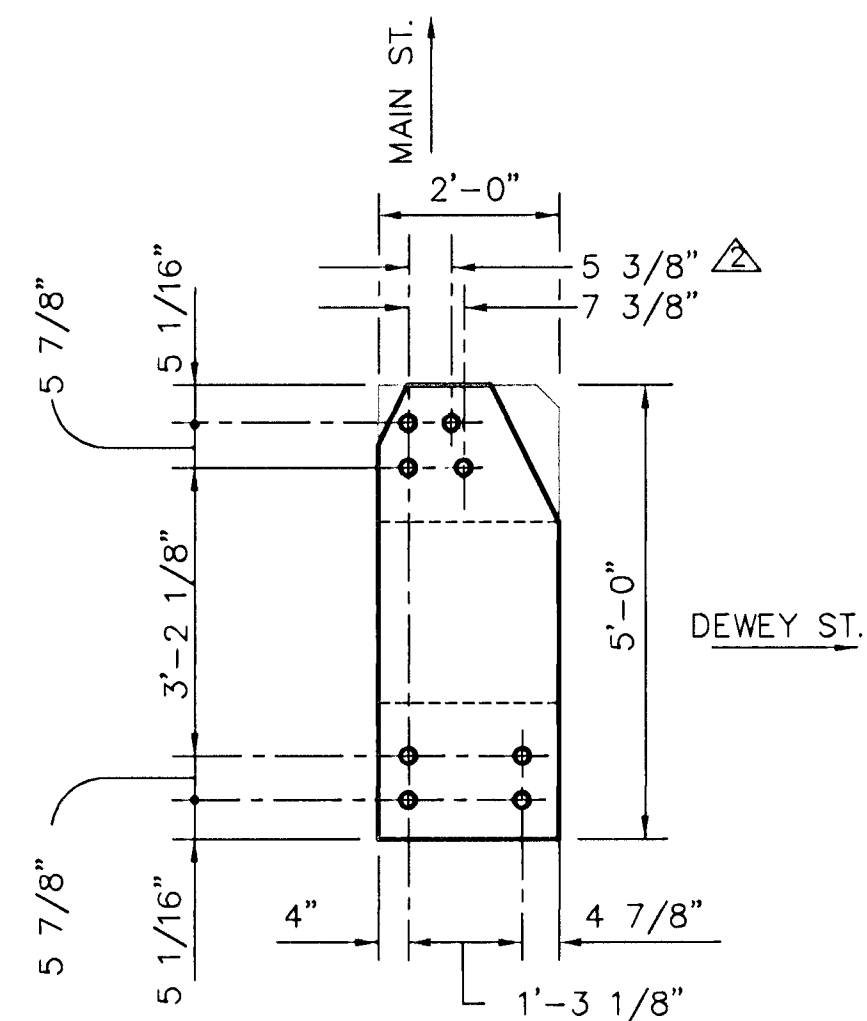


SECTION THRU FRENCH DRAIN

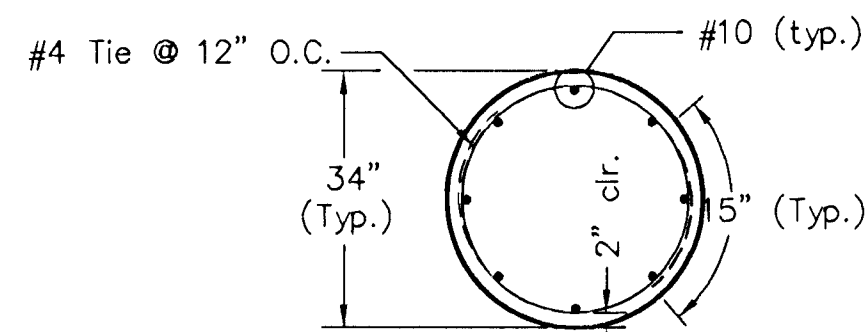
REVISIONS			
▲	Corrected North and South Elevations	8/8/96	
GATEWAY PLAZA			
ELEVATIONS AND SECTIONS			
S-4			
MID-KANSAS ENGINEERING CONSULTANTS, INC.			
WICHITA, KANSAS			
DESIGNED BY:	Robert Roesch / SLM	CHECKED BY:	KLS
DRAWN BY:	SLM	DATE:	12/18/95
		SHEET 5 OF 12	



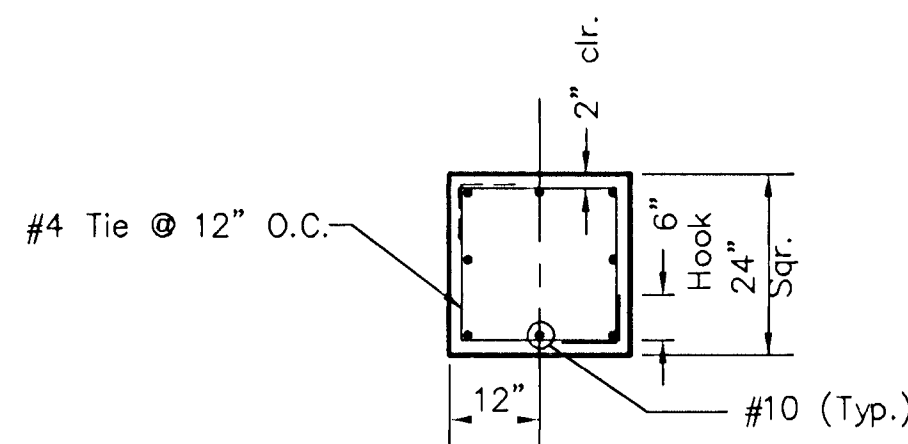
ANCHOR BOLT LAYOUT
NOTE: Anchor bolt layout shown is for the site located west of Main St. Dimensions are for reference only, contact Watkins Steel for final Anchor bolt locations and relative dimensions.



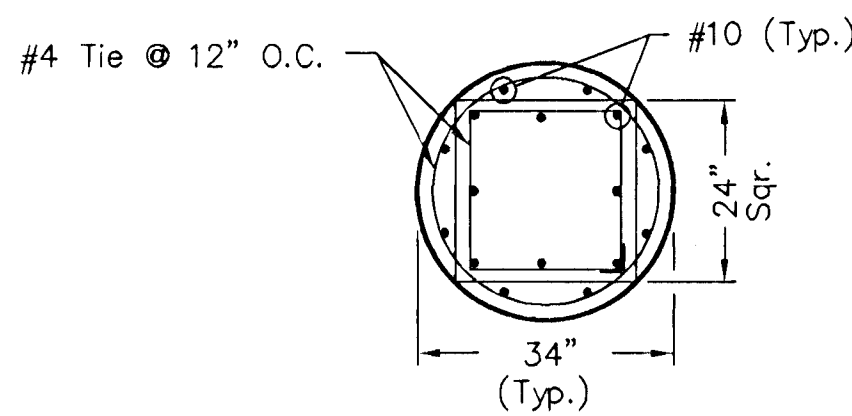
ANCHOR BOLT LAYOUT
NOTE: Anchor bolt layout shown is for the site located east of Main St. Dimensions are for reference only, contact Watkins Steel for final Anchor bolt locations and relative dimensions.



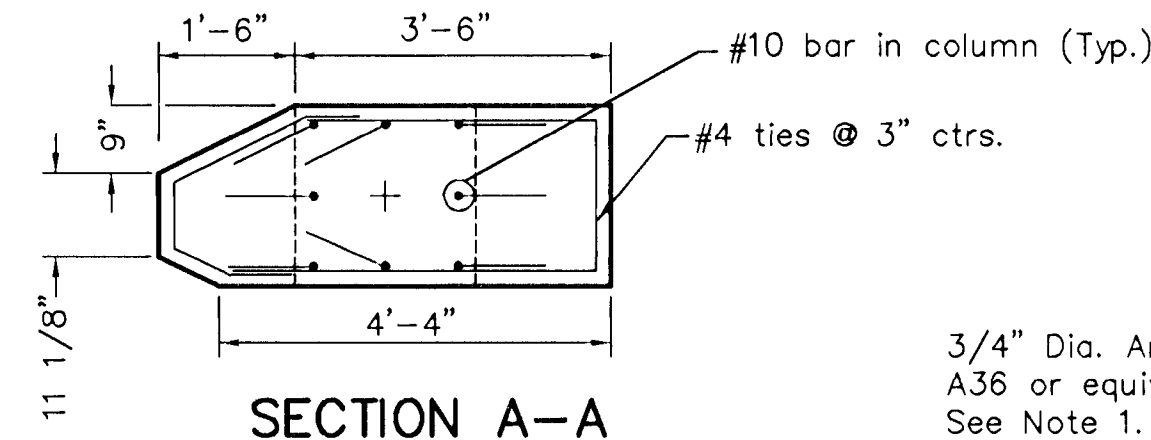
SECTION F-F
Note:
Stagger lap location
180° on every other bar



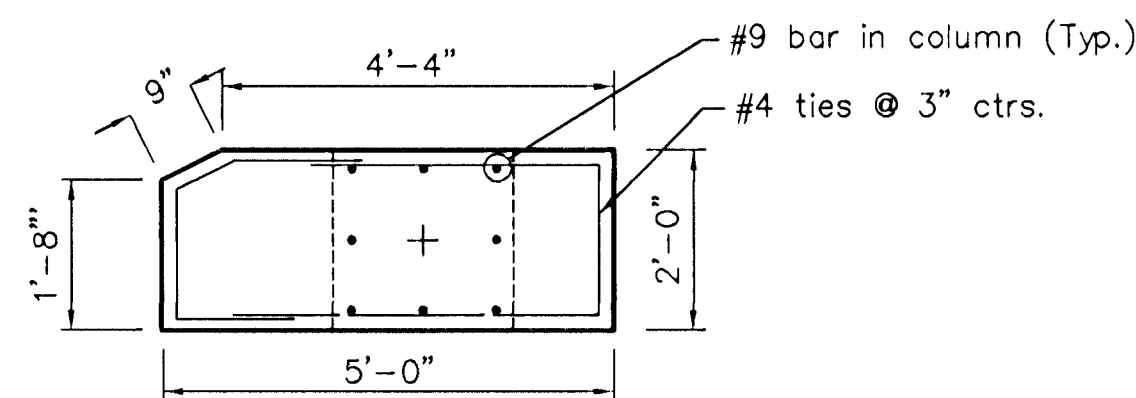
SECTION D-D
Note:
Stagger lap location
180° on every other bar



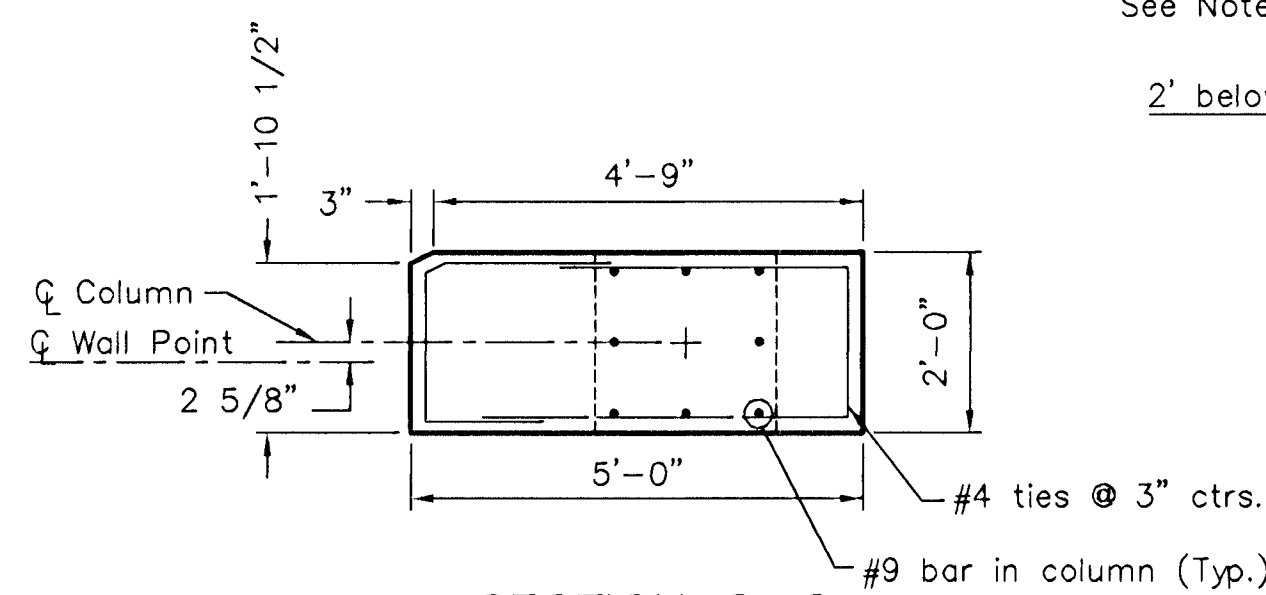
SECTION E-E
Note:
Embed #10 Reinforcing from 2' Sqr. Column 50" into 34" pier.



SECTION A-A

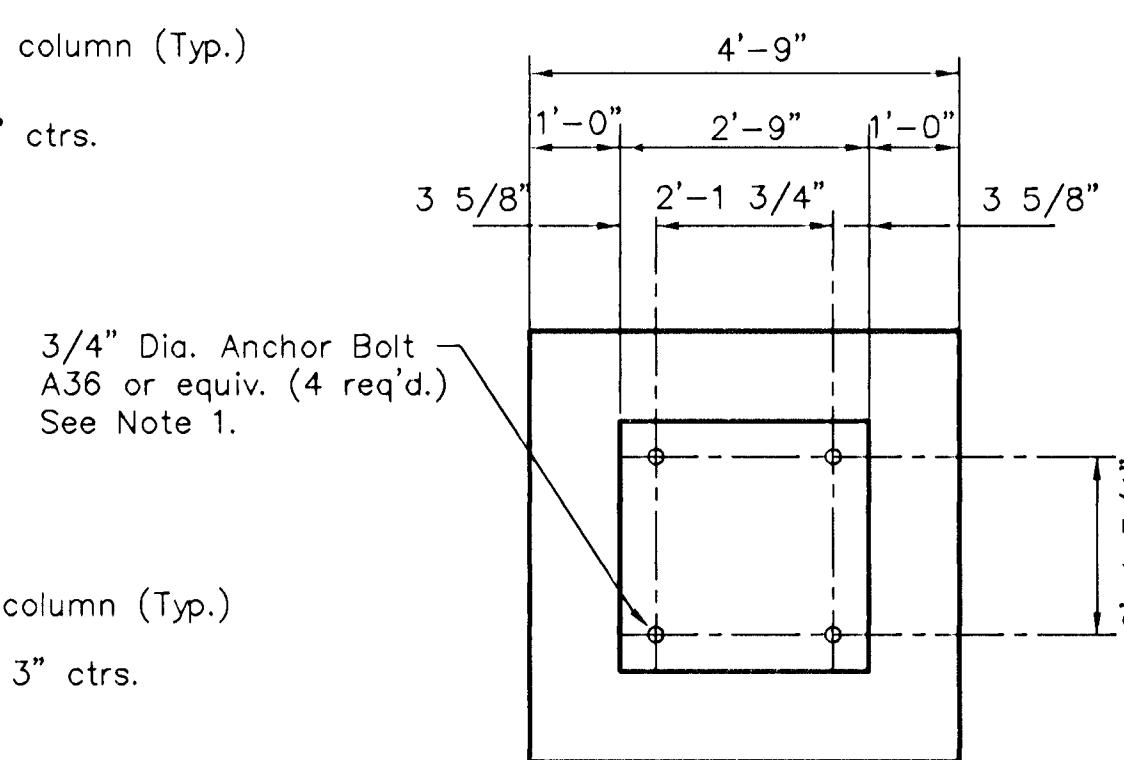


SECTION B-B

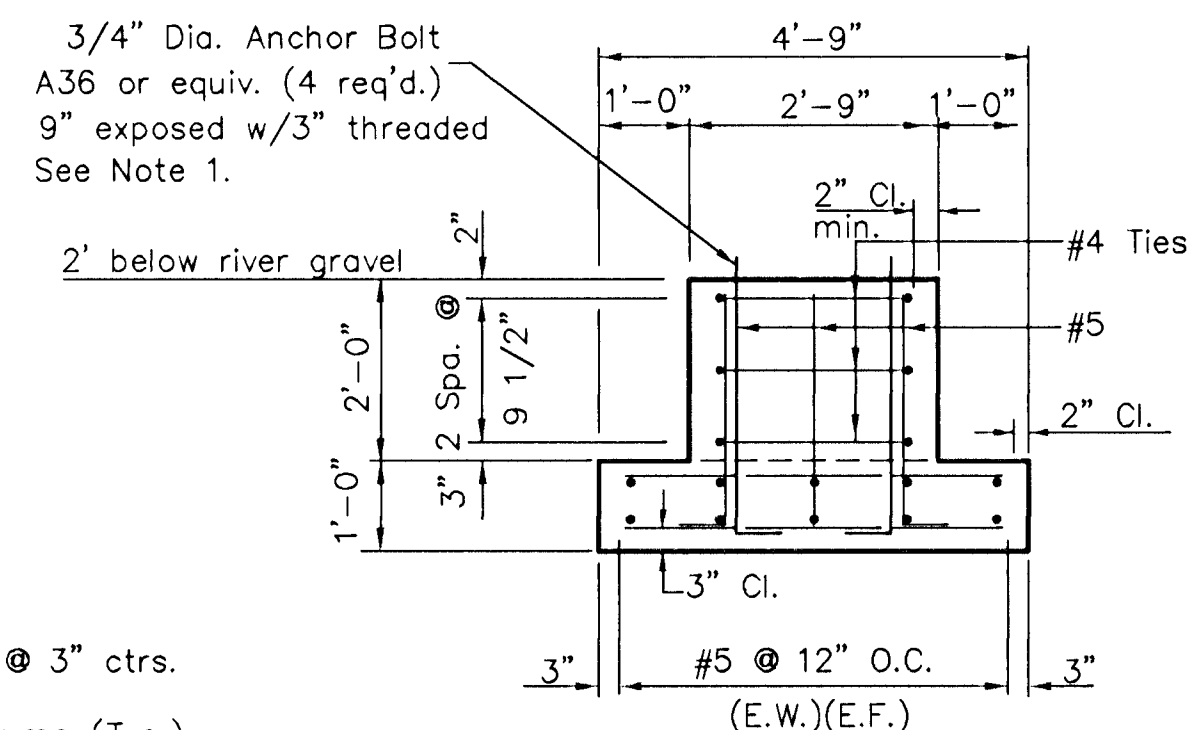


SECTION C-C

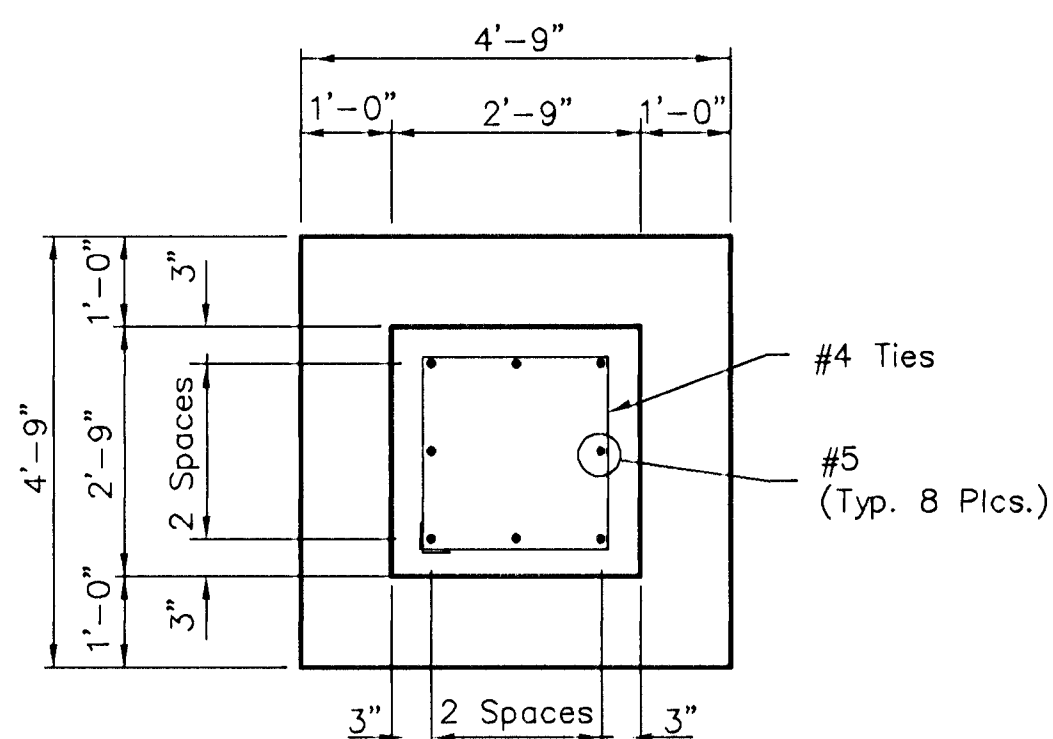
DIMENSIONS OF MOUNTING PAD
(Plan View)



SPIRE ANCHOR BOLT LAYOUT



SPIRE FOUNDATION ELEVATION



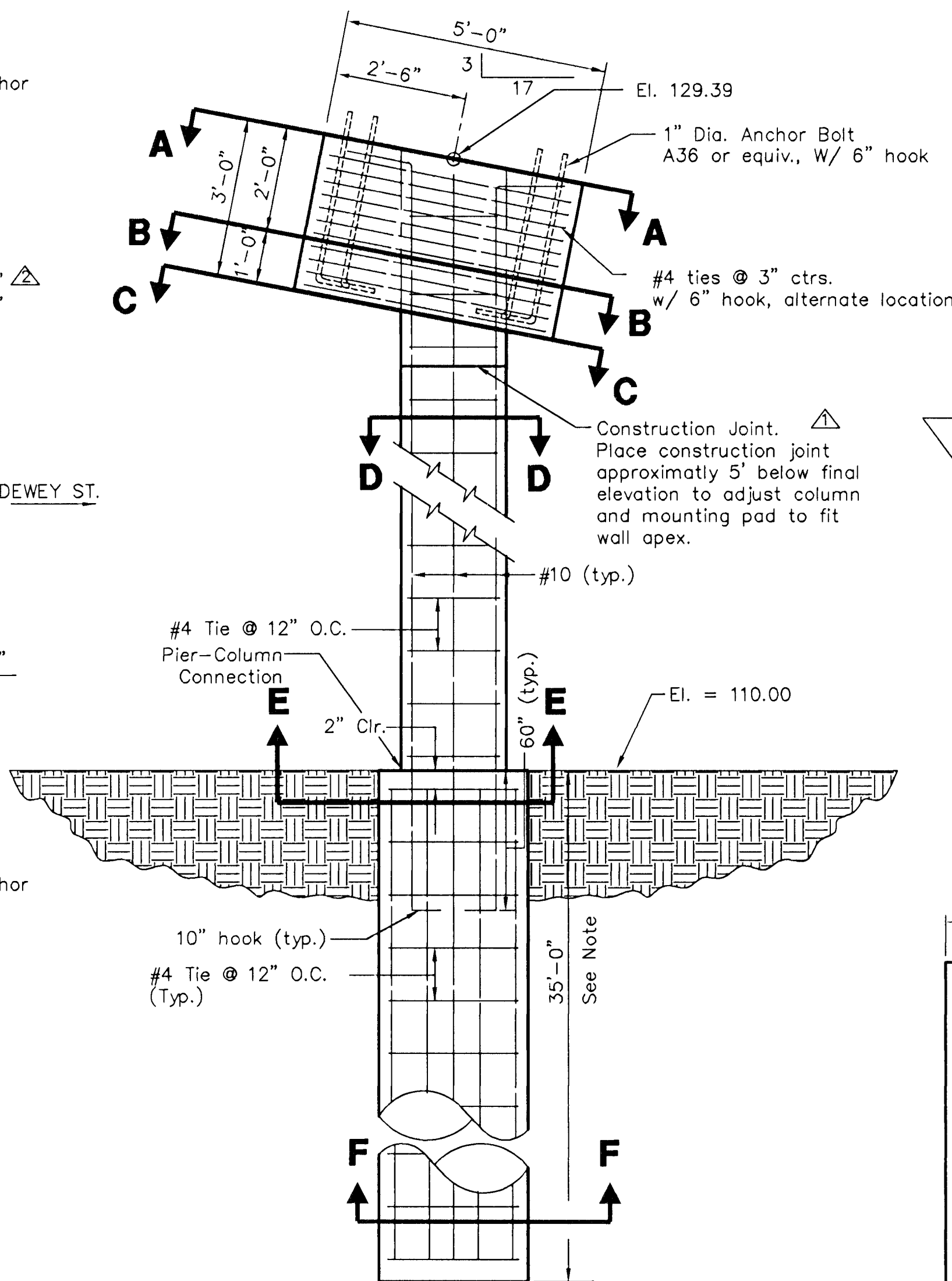
SPIRE FOOTING PLAN

TYPICAL SPIRE FOOTING DETAILS

Note 1. Contact Watkins steel for Anchor bolt template to aid in placement of Anchor Bolts.

REVISIONS		
Changed Dimensions, added note.	8/8/96	
Changed Dimension, added note.	8/8/96	
Added Construction Joint 5' below Top of Pier	8/8/96	
GATEWAY PLAZA		
FOUNDATION LAYOUT & DETAILS		
MID-KANSAS ENGINEERING CONSULTANTS, INC.		
WICHITA, KANSAS		
DESIGNED BY: Robert Roesch/SLM	CHECKED BY: KJS	
DRAWN BY: DPG	DATE: 5/1/96	SHEET 6 OF 12

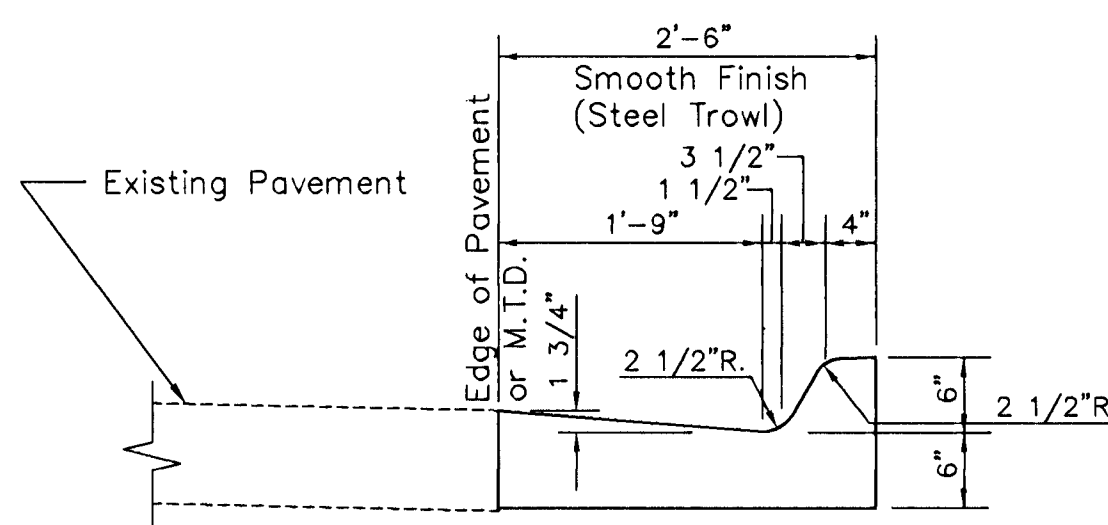
S-5.dwg



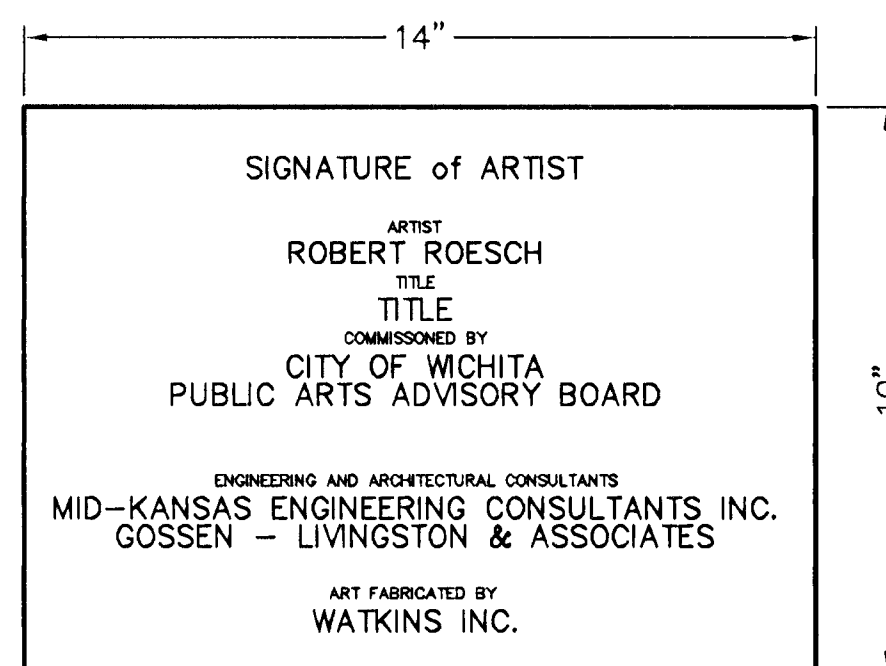
PIER-COLUMN ELEVATION

CONCRETE PIER AND COLUMN DETAILS

Note:
Depth of pier to extend thru weathered top of Wellington shale.

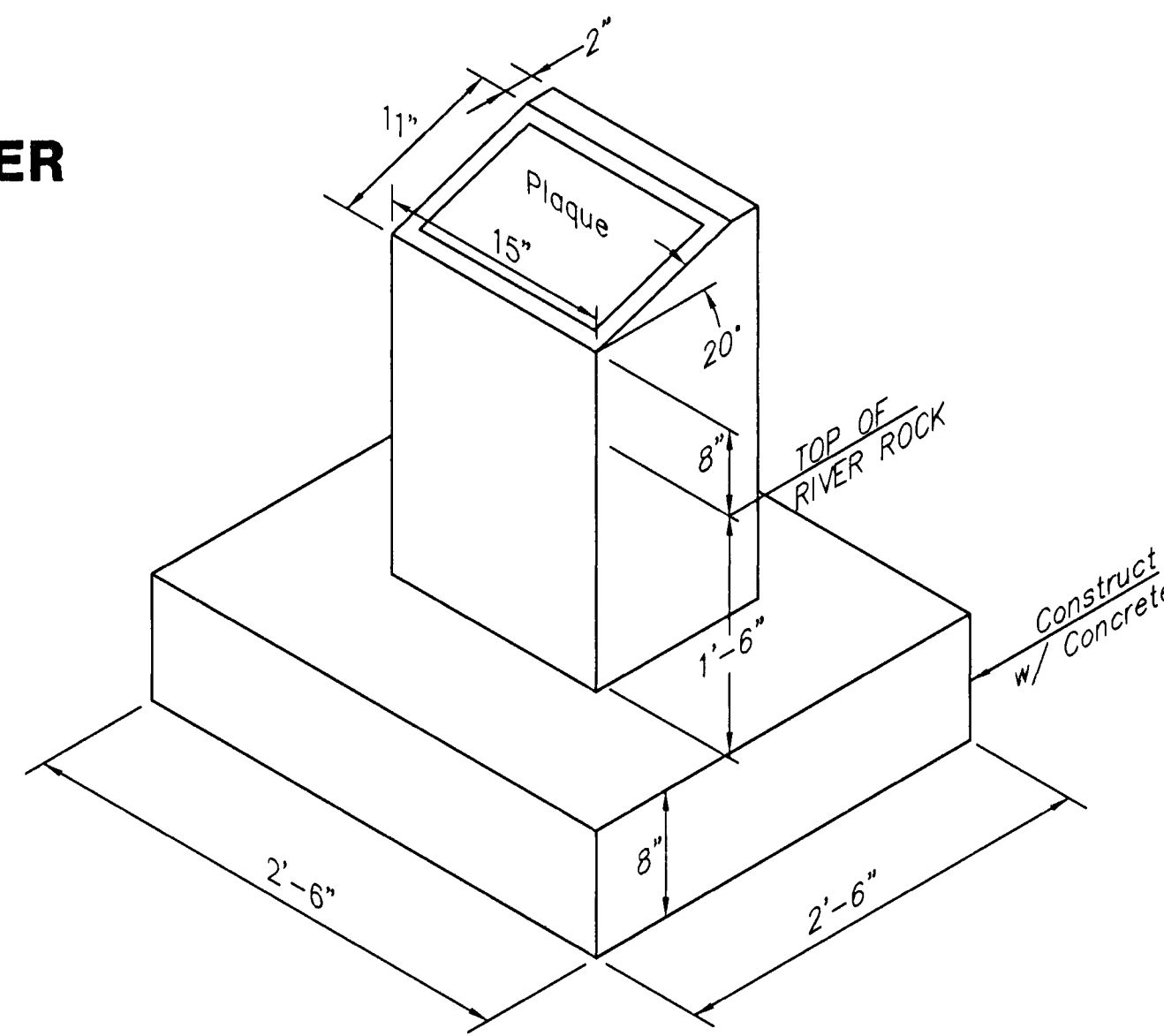


STANDARD CURB AND GUTTER



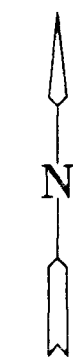
BRASS PLAQUE LAYOUT

NOTE: Style and Fonts to be determined by Artist at time of fabrication



Reinforcing = #5 @ 12" Ctrs.(Eachway, Eachface)

BRASS PLAQUE BASE



SCALE: 1"=20'



BENCH MARK

B.M. #1 Chis. "□" on the top of the south curb of Dewey 90' west of the Main St. center line. Elevation 1297.17

LEGEND

$\frac{109.43}{108.71}$ = Top of Wall
Ground Elev.

GATEWAY PLAZA

GRADING PLAN

S-6

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	Robert Roesch/TDM/SLM	CHECKED BY:	SLM/TDM
DRAWN BY:	TDM/SLM/DPG	DATE:	5/3/96
		SHEET	7 OF 12

S-6N.DWG

GRADING PLAN FOR THE GATEWAY PLAZA

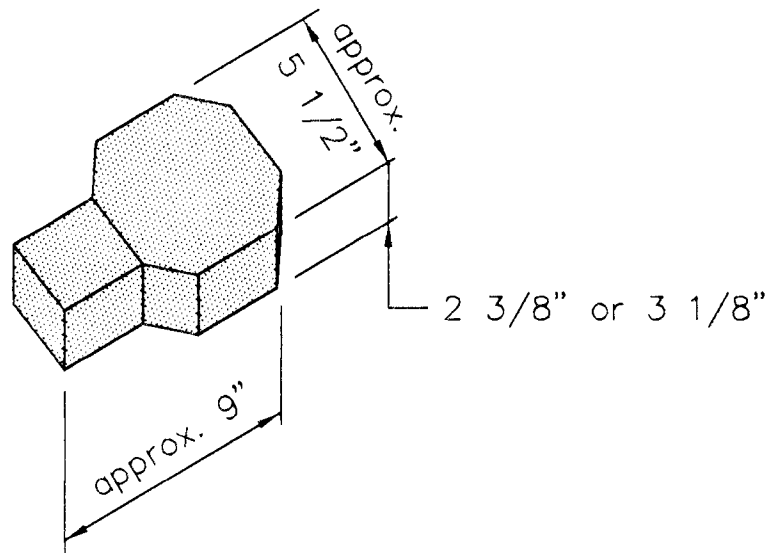


STRAIGHT WALL PLAN VIEW

CAP BLOCK LAYOUT PLAN

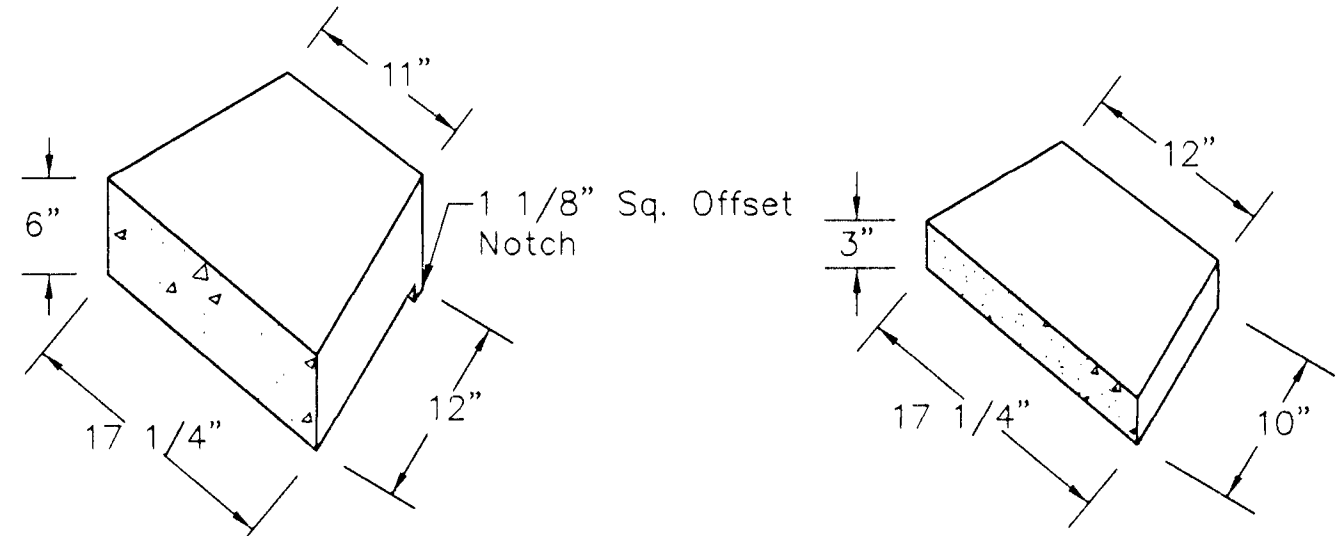
NOTES:

- 1. Use adhesive to secure caps in place
- 2. Alternate short and long cap faces every other cap to achieve a straight wall
- 3. Cut caps to fit
- 4. Always start capping wall from lowest elevation



TYPICAL CONCRETE PAVER DESIGN

NOTE: Concrete paver shall be Uni-Decor pavers as manufactured by Pavestone or approved equal. Color and pattern to match existing pavers.

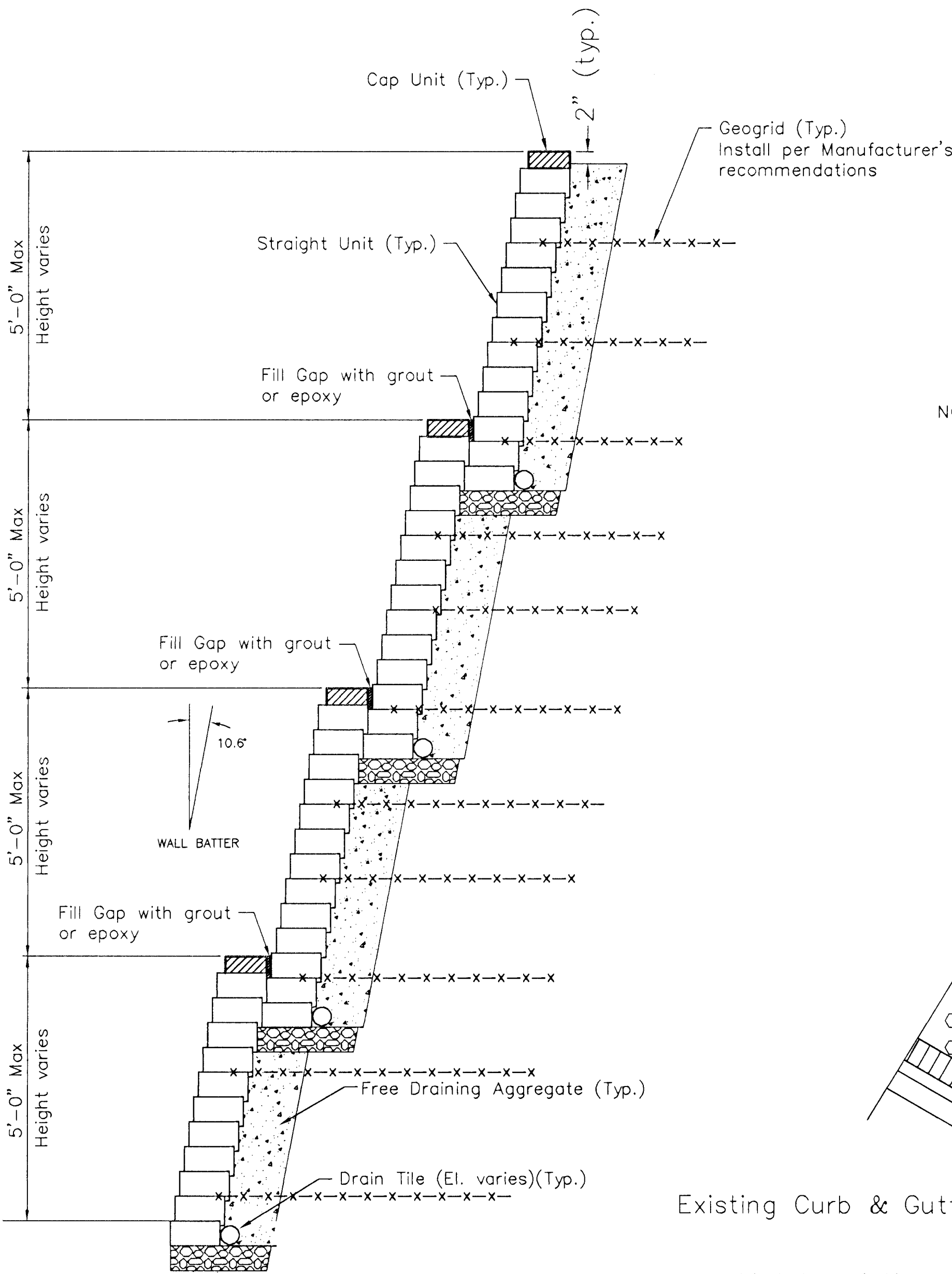


STRAIGHT UNIT

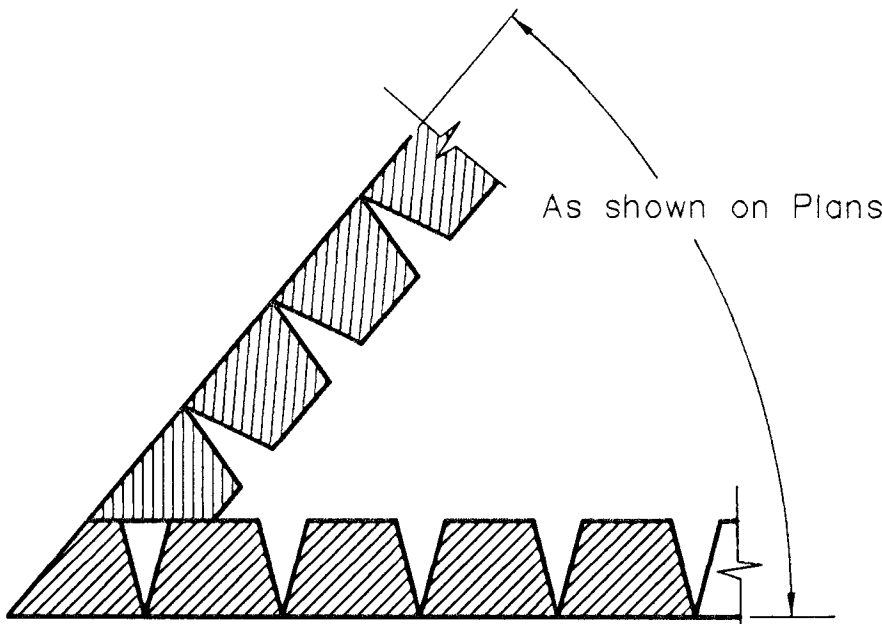
CAP UNIT

SEGMENTED RETAINING WALL UNITS

NOTE: Color of wall units to match Anchor Products "Sandstone" or equivalent.

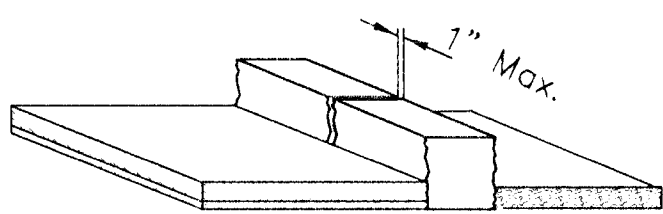


SEGMENTED RETAINING WALL DETAIL

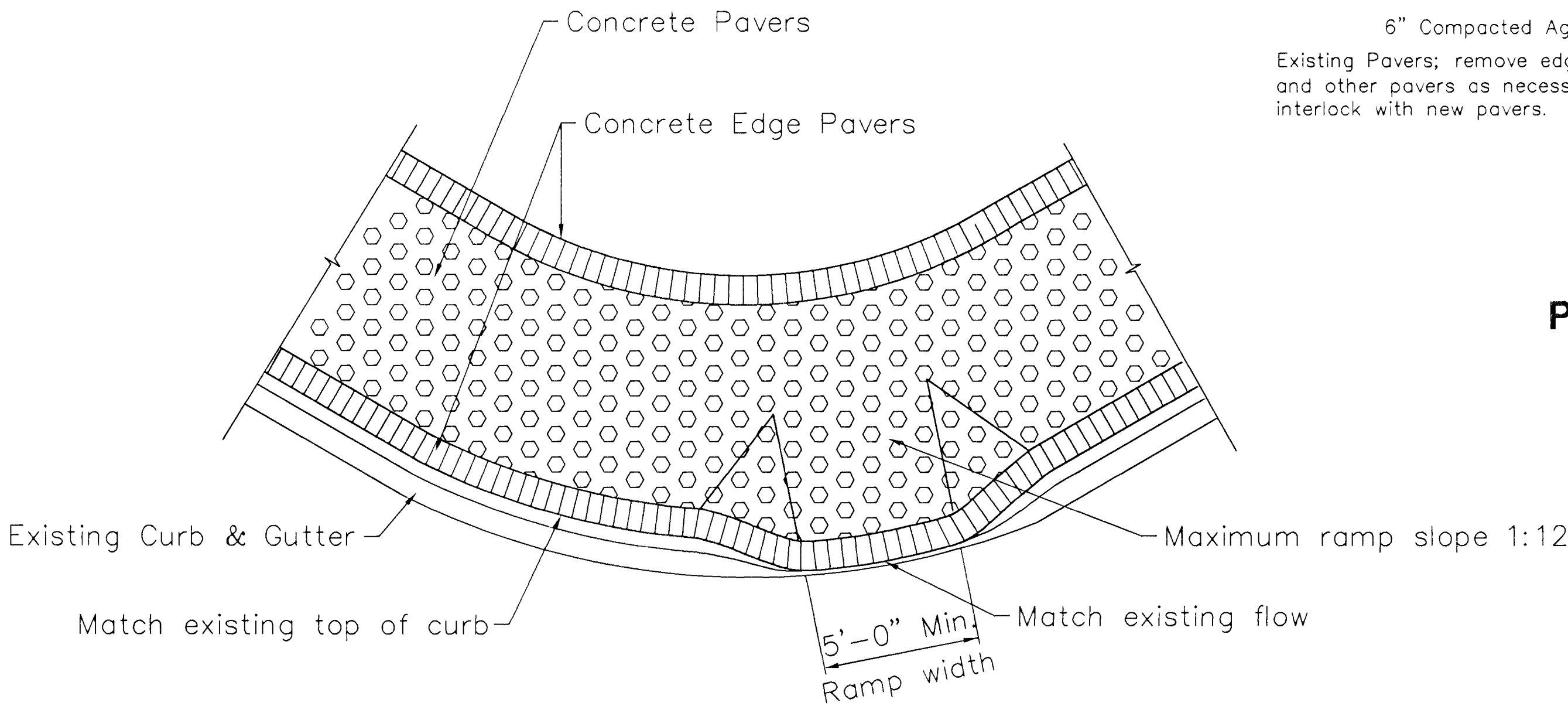


SUGGESTED APEX DETAIL

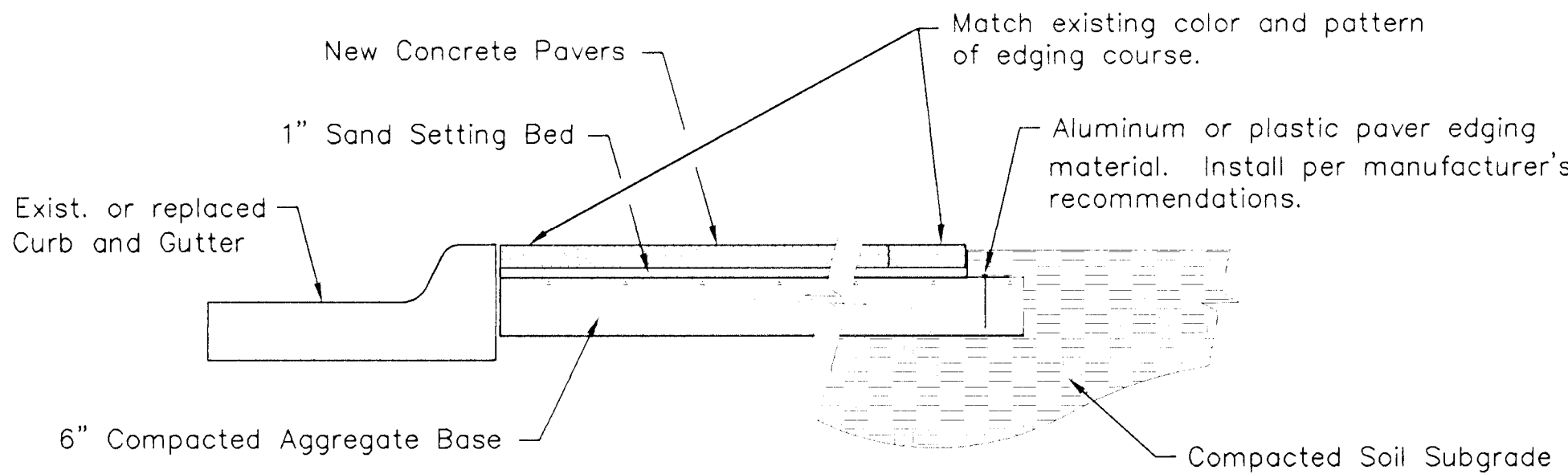
NOTE: The units forming the apex shall be designed and cut specifically for this location. Prior to construction the shop drawings of the apex installation shall be submitted to the Engineer for approval.



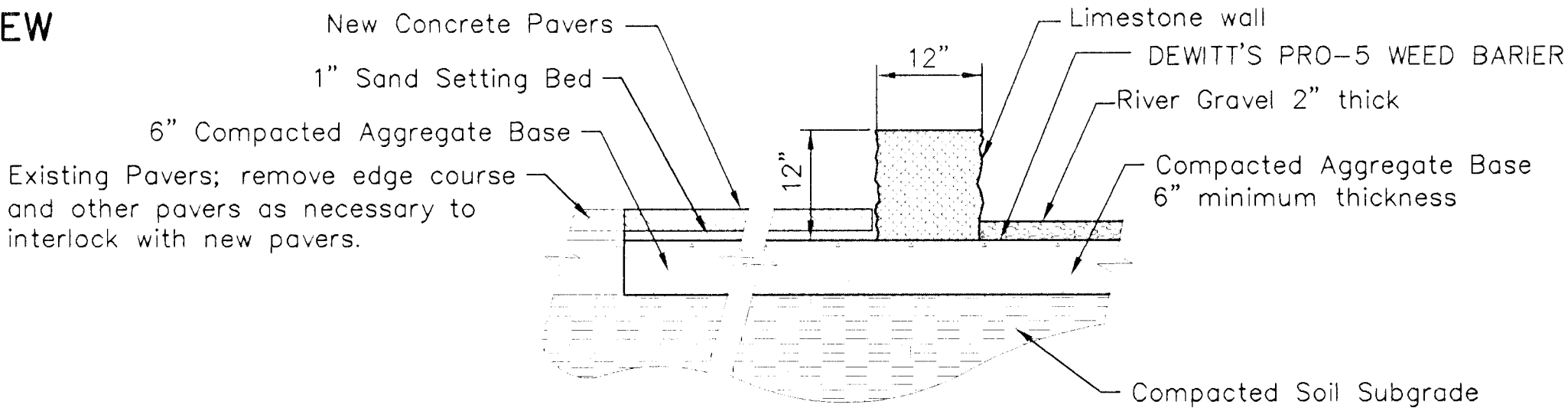
ISOMETRIC VIEW



CONCRETE PAVER WHEELCHAIR RAMP



TYPICAL SIDEWALK PAVER DETAIL



PAVER/LIMESTONE WALL/GRAVEL DETAIL

NOTE: Limestone wall; cut faces top and bottom with split faces on all vertical sides. 200 lbs. min. each stone. Max gap 1" between stones. Project Artist to approve limestone prior to placing.

GATEWAY PLAZA

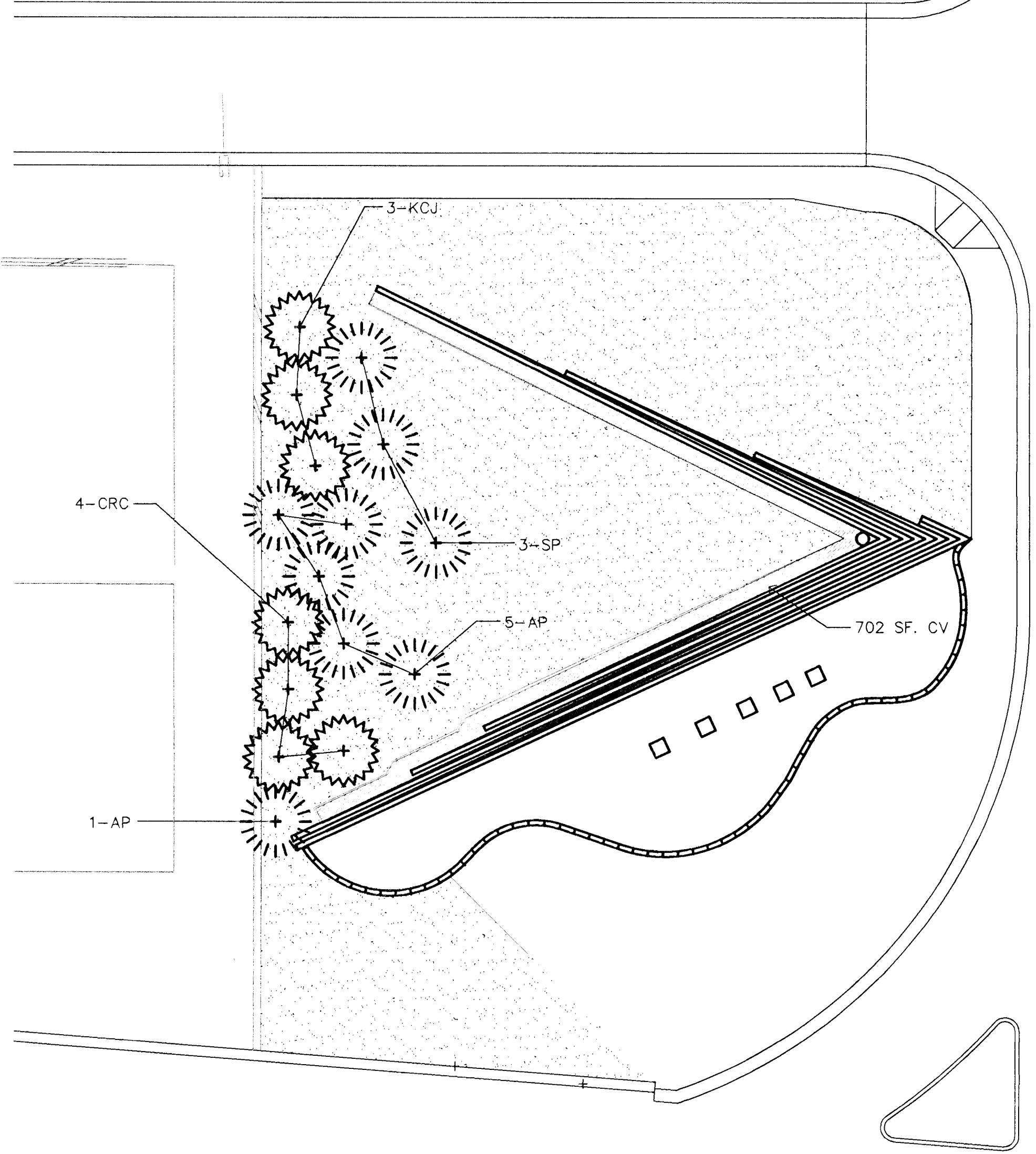
SECTIONS AND DETAILS

S-7

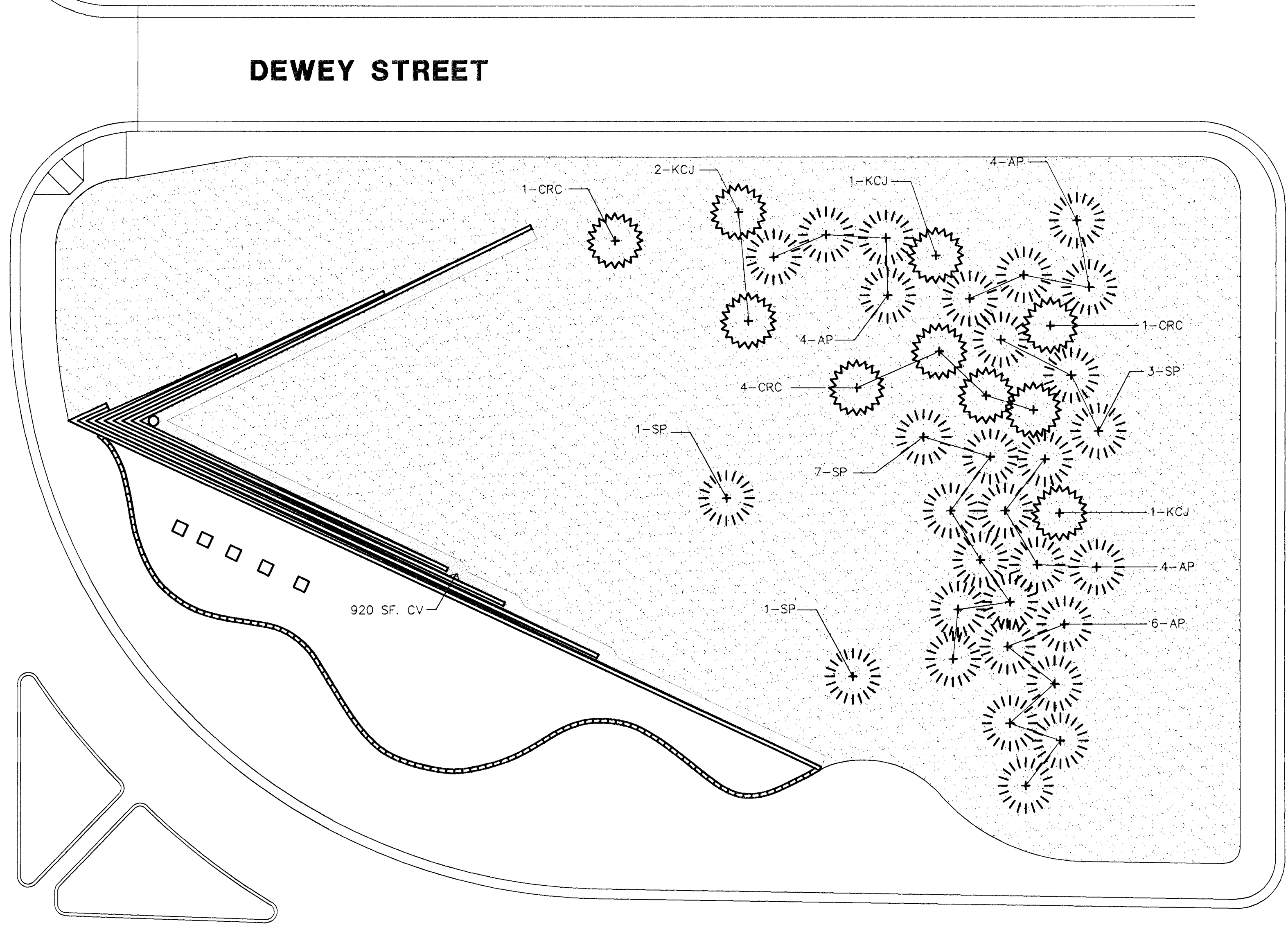
MID-KANSAS ENGINEERING CONSULTANTS, INC.

WICHITA, KANSAS

DESIGNED BY:	Robert Roesch/SLM	CHECKED BY:	KJS
DRAWN BY:	DPG	DATE:	5/1/96
		SHEET	8 OF 12



MAIN STREET



DEWEY STREET

KELLOGG WEST BOUND

PLANT LIST (this sheet)

KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION
KCJ	7	KETELEERI CHINESE JUNIPER	<i>Juniperus chinensis</i> 'Keteleeri'	7' to 8' tall	Balled-in-Burlap
ERC	10	EASTERN RED CEDAR	<i>Juniperus virginiana</i> 'Canaertii'	7' to 8' tall	Balled-in-Burlap
AP	24	AUSTRIAN PINE	<i>Pinus nigra</i>	7' to 8' tall	Balled-in-Burlap
SP	15	SCOTCH PINE	<i>Pinus sylvestris</i>	7' to 8' tall	Balled-in-Burlap

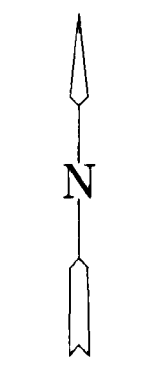
GROUND COVER

CV	1622 SF	CROWN VETCH	<i>Coronilla varis</i>	Seed, 1 LB/1000 SF.	Drilled
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KANSAS BLEND FESCUE

5,754 SY	FALCON TALL FESCUE	<i>Festuca arundinacea</i> 'Falcon II'	sod areas indicated on the plan
	RENEGADE TALL FESCUE	<i>Festuca arundinacea</i> 'Renegade'	
	ADOBE TALL FESCUE	<i>Festuca arundinacea</i> 'Adobe'	
	MIRAGE TALL FESCUE	<i>Festuca arundinacea</i> 'Mirage'	
	KENTUCKY BLUEGRASS	<i>Poa pratensis</i>	

A PLANTING PLAN FOR THE GATEWAY PLAZA



SCALE: 1"=20'



GATEWAY PLAZA

L-1

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	Robert Roesch/TDM	CHECKED BY:	SLM
DRAWN BY:	TDM	DATE:	5/3/96

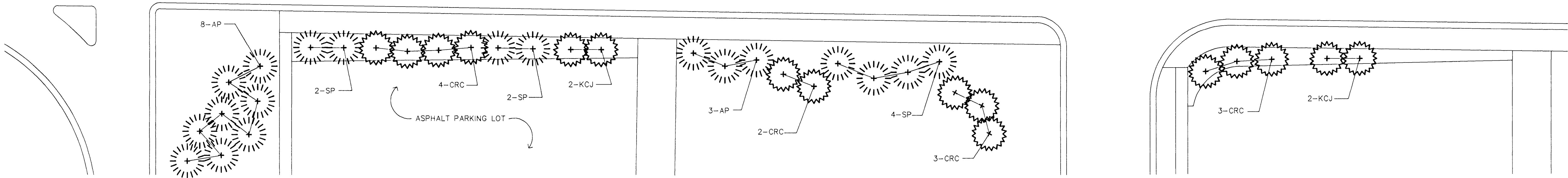
SHEET 10 OF 12

L-1.DWG

MAIN STREET

MARKET STREET

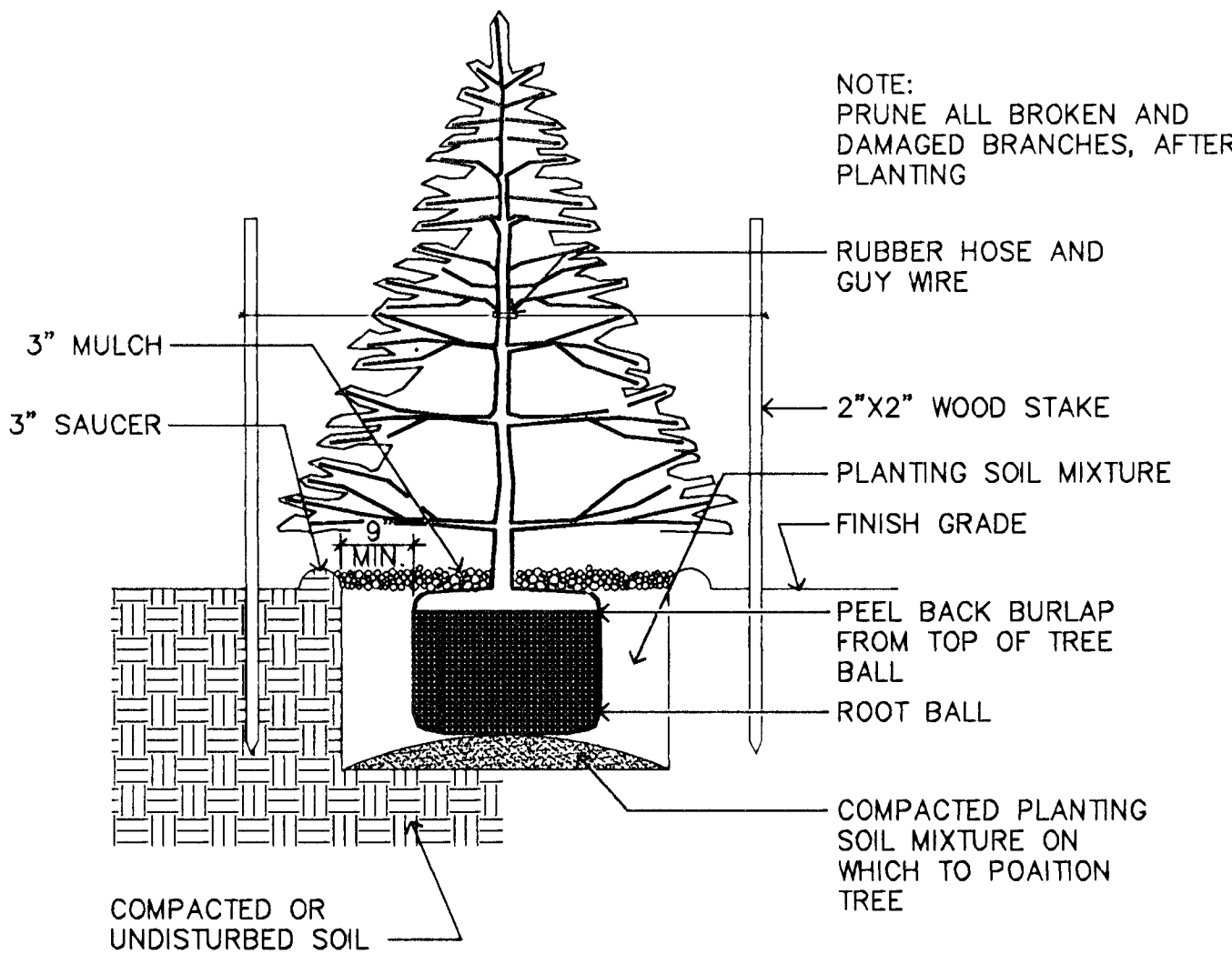
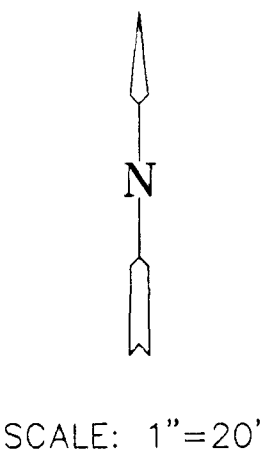
KELLOGG EAST BOUND



PLANT LIST (this sheet)

KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION
KCJ	4	KETELEERI CHINESE JUNIPER	Juniperus chinensis 'Keteleeri'	7' to 8' tall	Balled-in-Burlap
CRC	12	EASTERN RED CEDAR	Juniperus virginiana 'Canaertii'	7' to 8' tall	Balled-in-Burlap
AP	11	AUSTRIAN PINE	Pinus nigra	7' to 8' tall	Balled-in-Burlap
SP	8	SCOTCH PINE	Pinus sylvestris	7' to 8' tall	Balled-in-Burlap

A PLANTING PLAN FOR THE AREA SOUTH OF KELLOGG



1 EVERGREEN TREE PLANTING DETAIL
NOT TO SCALE

MASTER PLANT LIST (includes total qty. of both areas)

KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	CONDITION
KCJ	11	KETELEERI CHINESE JUNIPER	Juniperus chinensis 'Keteleeri'	7' to 8' tall	Balled-in-Burlap
CRC	22	EASTERN RED CEDAR	Juniperus virginiana 'Canaertii'	7' to 8' tall	Balled-in-Burlap
AP	35	AUSTRIAN PINE	Pinus nigra	7' to 8' tall	Balled-in-Burlap
SP	23	SCOTCH PINE	Pinus sylvestris	7' to 8' tall	Balled-in-Burlap

GROUND COVER					
CV	1,666 SF	CROWN VETCH	Coronilla varis	Seed, 1 LB/1000 SF.	Drilled

KANSAS BLEND FESCUE					
5,754 SY	FALCON TALL FESCUE	Festuca arundinacea 'Falcon II'	sod areas indicated on the plan		
	RENEGADE TALL FESCUE	Festuca arundinacea 'Renegade'			
	ADOBE TALL FESCUE	Festuca arundinacea 'Adobe'			
	MIRAGE TALL FESCUE	Festuca arundinacea 'Mirage'			
	KENTUCKY BLUEGRASS	Poa pratensis			



GATEWAY PLAZA

L-2

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	Robert Roesch/TDM	CHECKED BY:	SLM
DRAWN BY:	TDM	DATE:	5/3/96
		SHEET 11	OF 12