

PRIVATE PAVING PLANS FOR FOLIAGE 2ND ADDITION

GENERAL NOTES

- UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA CONCRETE PAVEMENT AND ASPHALTIC CONCRETE PAVEMENT SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
- 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 UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.
- 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 282-4270 OR 283-2081
KPL GAS SERVICE COMPANY 283-7511
KANSAS GAS & ELECTRIC 284-1141
CITY OF WICHITA WATER DEPARTMENT 268-4908
CITY OF WICHITA SEWER MAINTENANCE 288-4908
ARKLA GAS COMPANY 942-8350 OR 283-8161

- RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.
- A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAW JOINT TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUBSIDIARY TO THE REMOVAL OF SURFACE OR PAVEMENT.
- TREES WITHIN THE PROJECT LIMITS ARE TO BE MOVED BY THE OWNER. THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF EXISTING TREES WITH THE OWNER. ANY TREES NOT REMOVED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL REMOVE ALL ITEMS WITHIN CONSTRUCTION LIMITS AND DISPOSE OF ACCORDING TO SPECIFICATIONS. COST SHALL BE PAID AS SITE PREPARATION.
- CONTRACTOR SHALL SEED AND MULCH ALL DISTURBED GROUND WITHIN PUBLIC RIGHT OF WAY. COST SHALL BE PAID AS SITE RESTORATION.

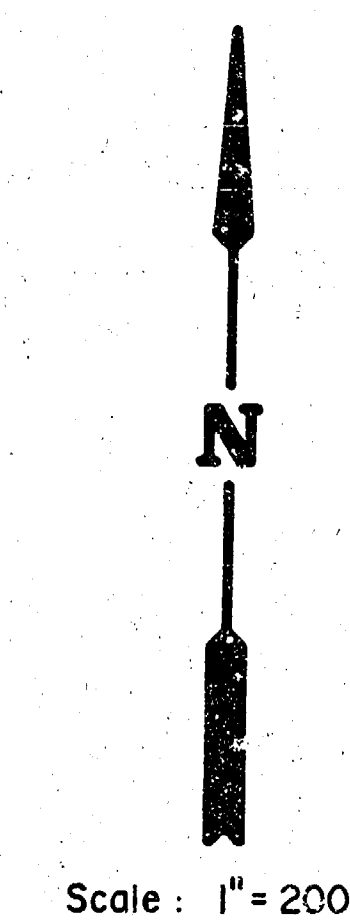
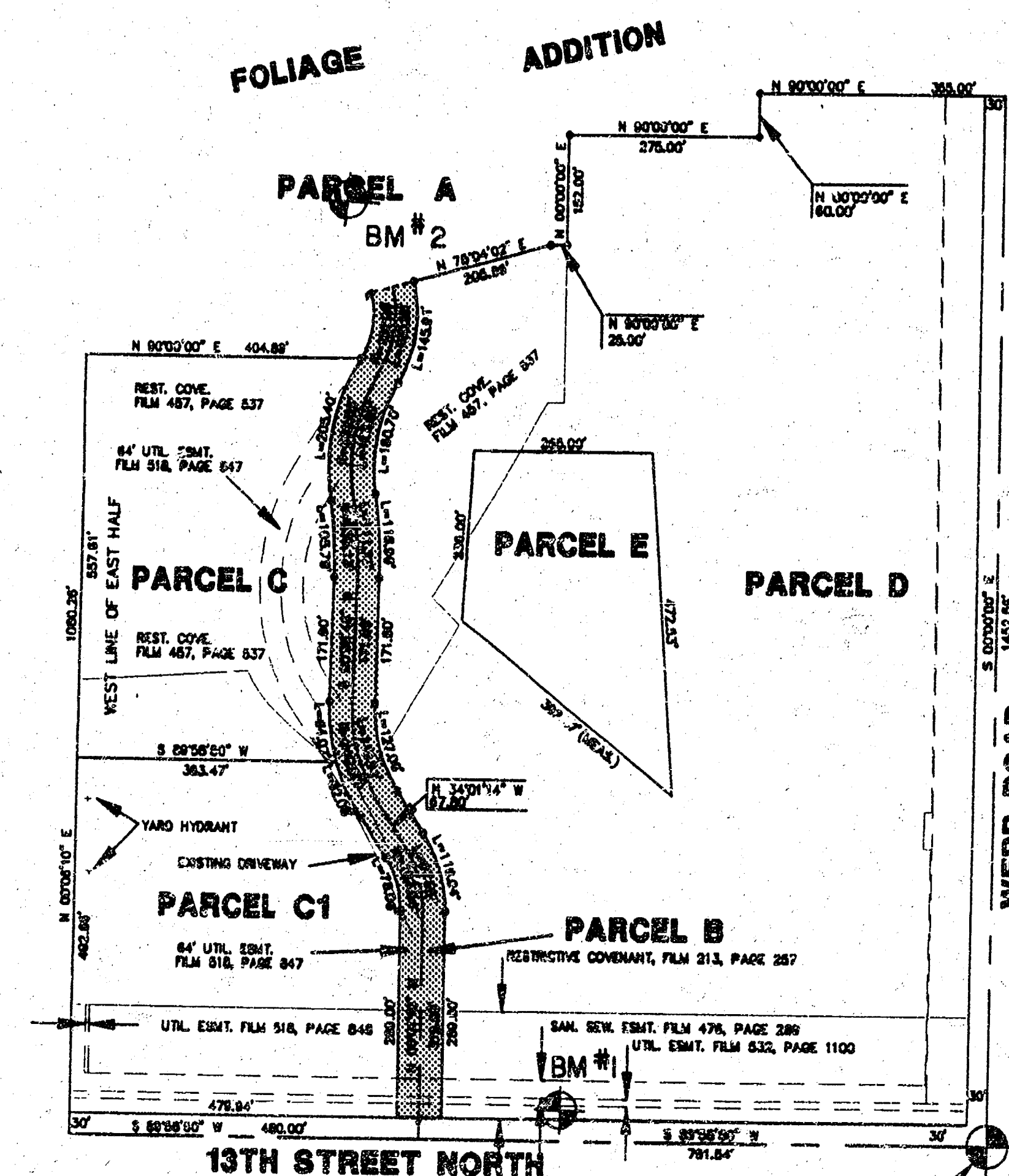
BENCH MARKS

BM #1 SPIKE IN WEST SIDE POWER POLE, 180' +/-
EAST OF PRIVATE ENTRANCE ON 13TH
STREET NORTH.
ELEV. = 128.00

BM #2 "X" CUT ON SOUTH END OF SOUTHWEST
RETURN OF FOLIAGE DRIVE AND FOLIAGE
COVE.
ELEV. = 122.41

INDEX NO.
USER CODE PP

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER



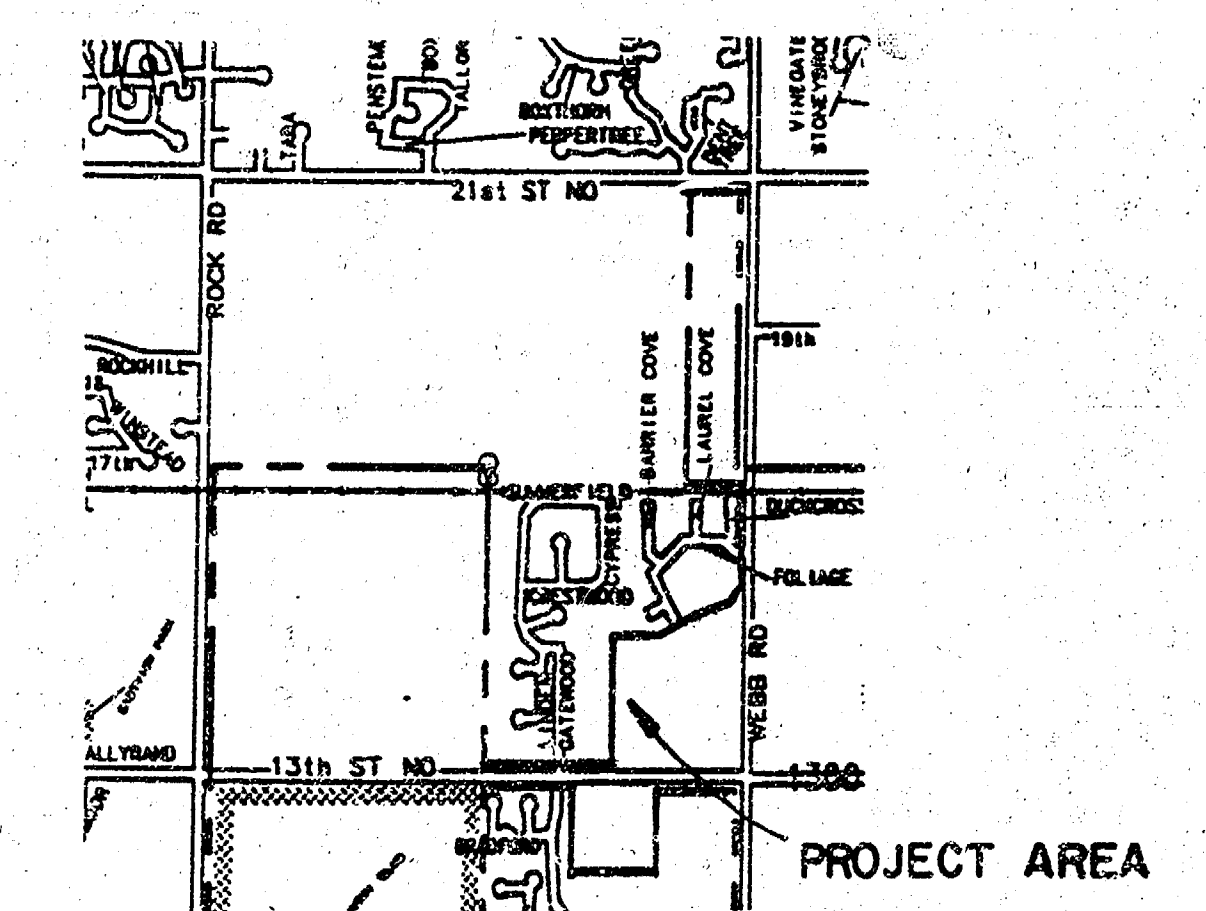
APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Paving _____

NOTE TO CONTRACTOR
INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR THE PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-5	PAVING DETAILS
6-8	FOLIAGE DRIVE PAVING PLANS
9-14	PAVING CROSS SECTIONS

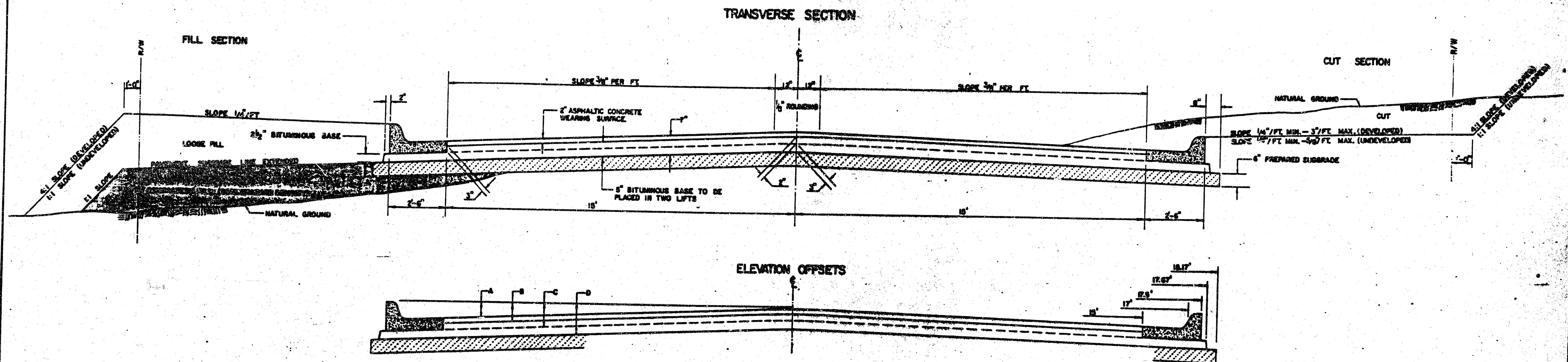


LOCATION MAP

	FOLIAGE 2ND ADDITION	Design CJA
	PRIVATE PAVING PLANS	Drawn by DPR
		Checked by ODS
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1800 WICHITA, KANSAS 67226		Date AUG. 1991
636-5566		Sheet 1 of 14

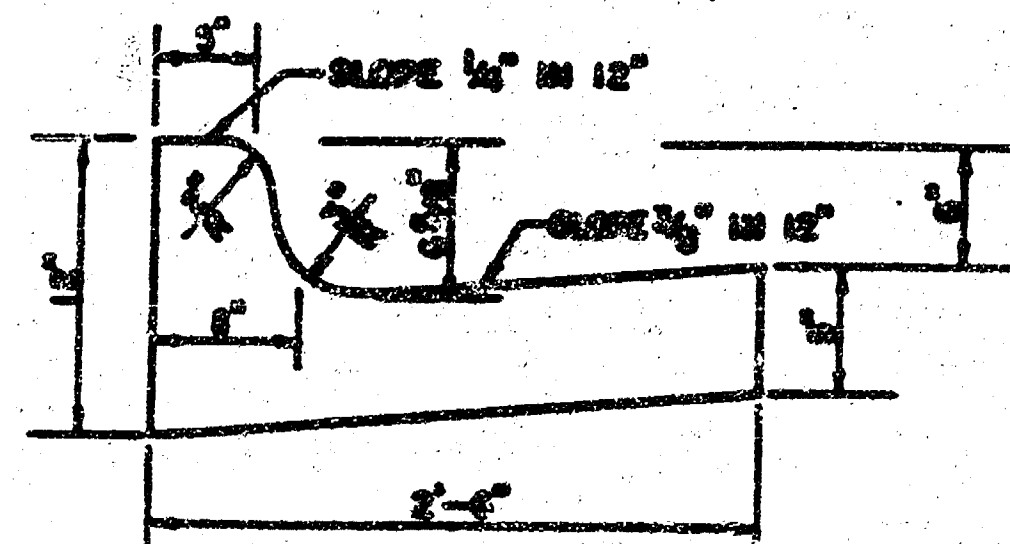
MKEC Proj. No. 91-42-100-E

TYPICAL 35' PAVEMENT DETAILS

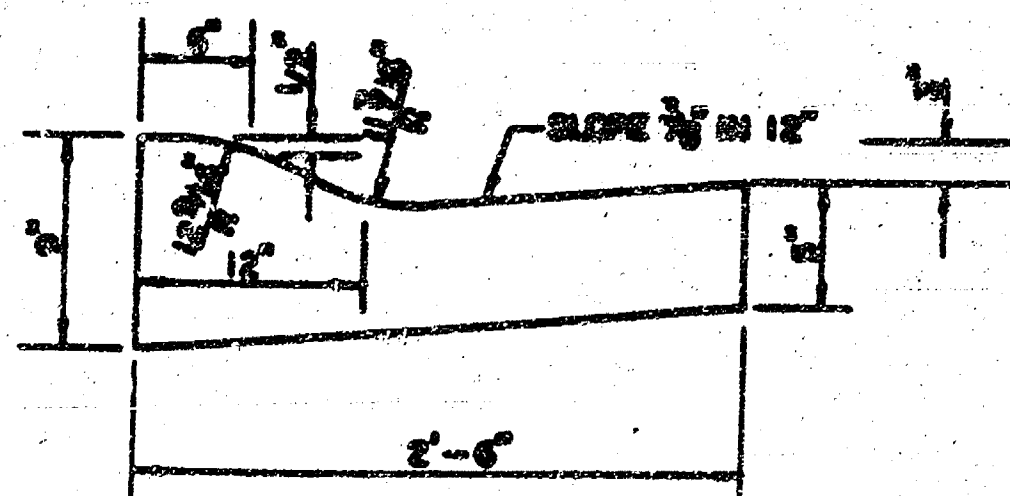


	DISTANCE FROM CENTERLINE (ft. & IN.)											
	0'	2'	4'	6'	8'	10'	12'	14'	16'	18'	20'	22'
A: TOP OF CURB TO TOP OF SURFACE LIFT	0.04	0.06	0.14	0.21	0.29	0.33	0.38	0.46	0.49	—	—	—
B: TOP OF CURB TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.68	—	—	—
C: TOP OF CURB TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.78	0.79	0.87	0.90	0.90	1.00	1.00
D: TOP OF CURB TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.96	1.02	1.06	1.12	1.19	1.21	1.23

COMBINED CURB & GUTTER



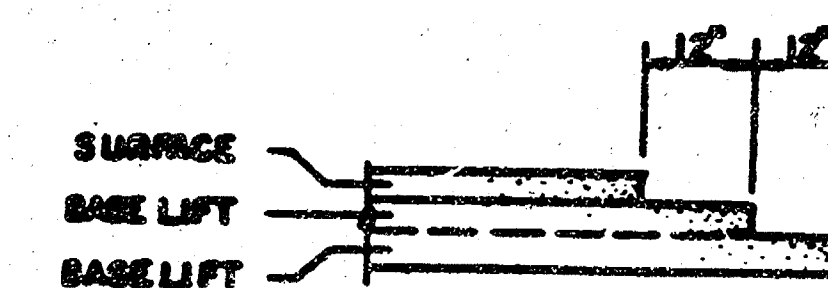
ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

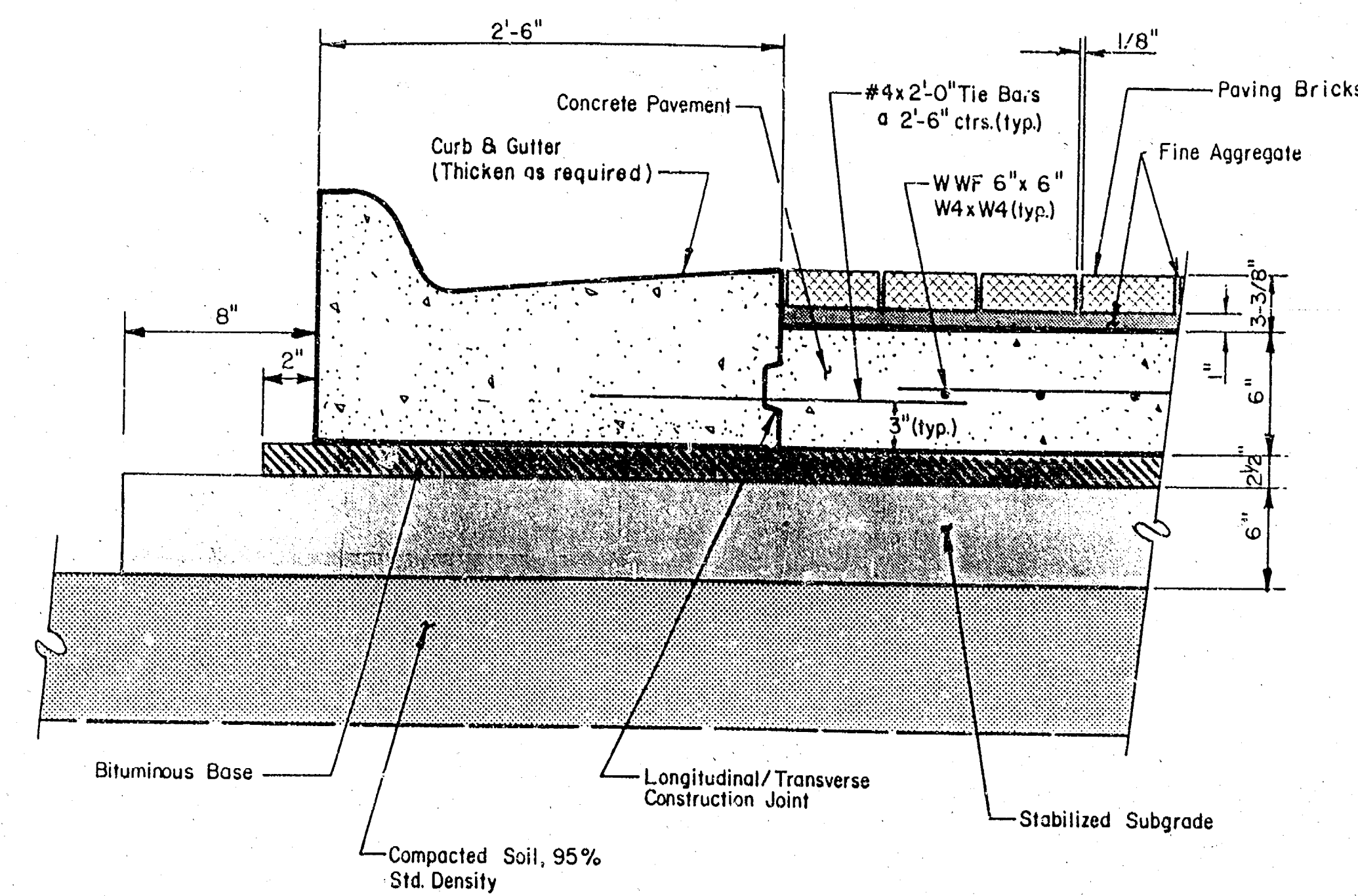
- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A TACK COAT OF EMULSIFIED ASPHALT (ED-100 OR ONE-IN) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.40 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC PAVEMENT.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAVERON MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STaggerED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PREVIOUS LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SLOPE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENTS JOIN EXISTING FLEXIBLE BASE PAVEMENTS AS SHOWN IN THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 5" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

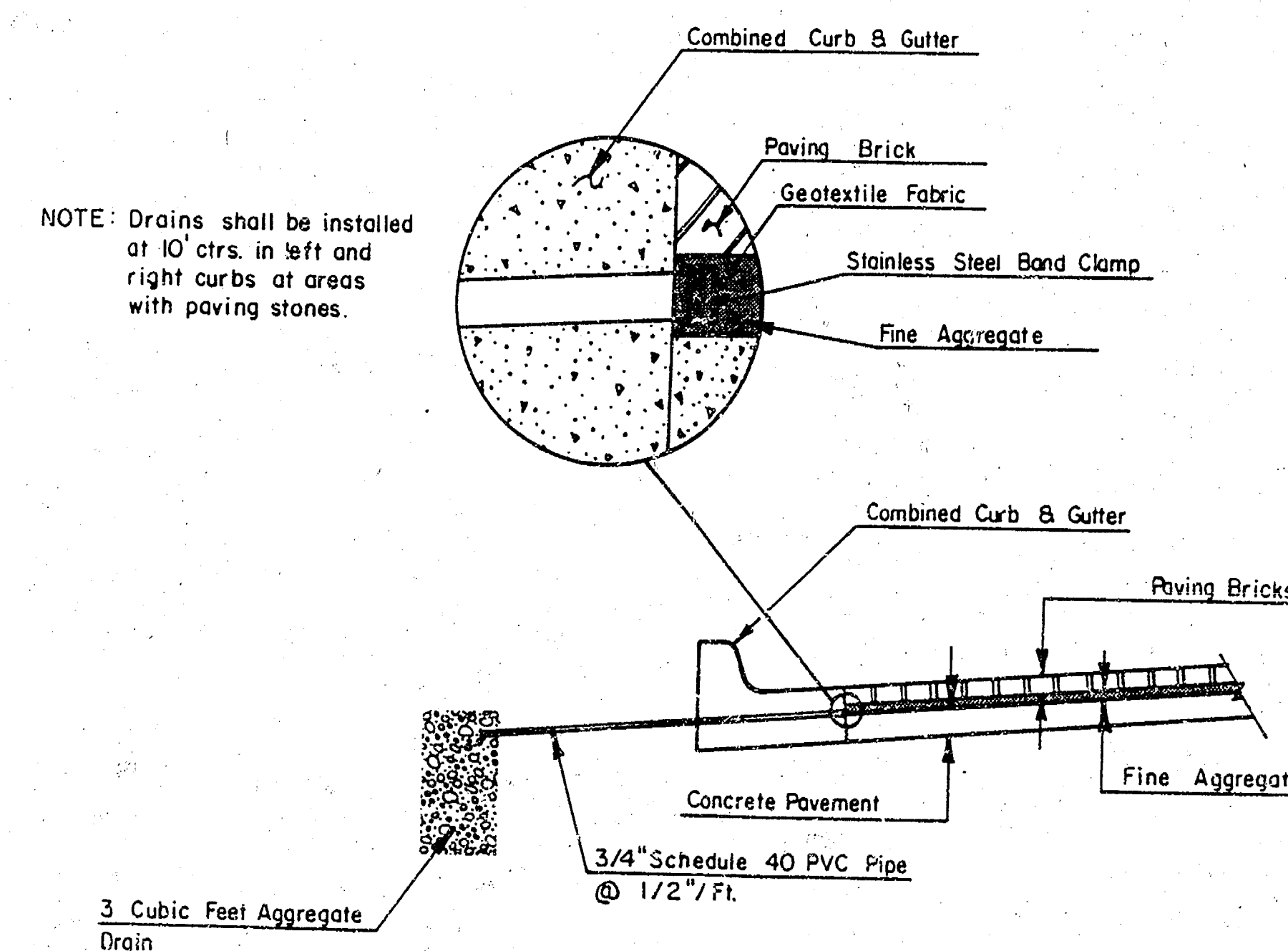
7 INCH RESIDENTIAL ASPHALTIC CONCRETE
PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS



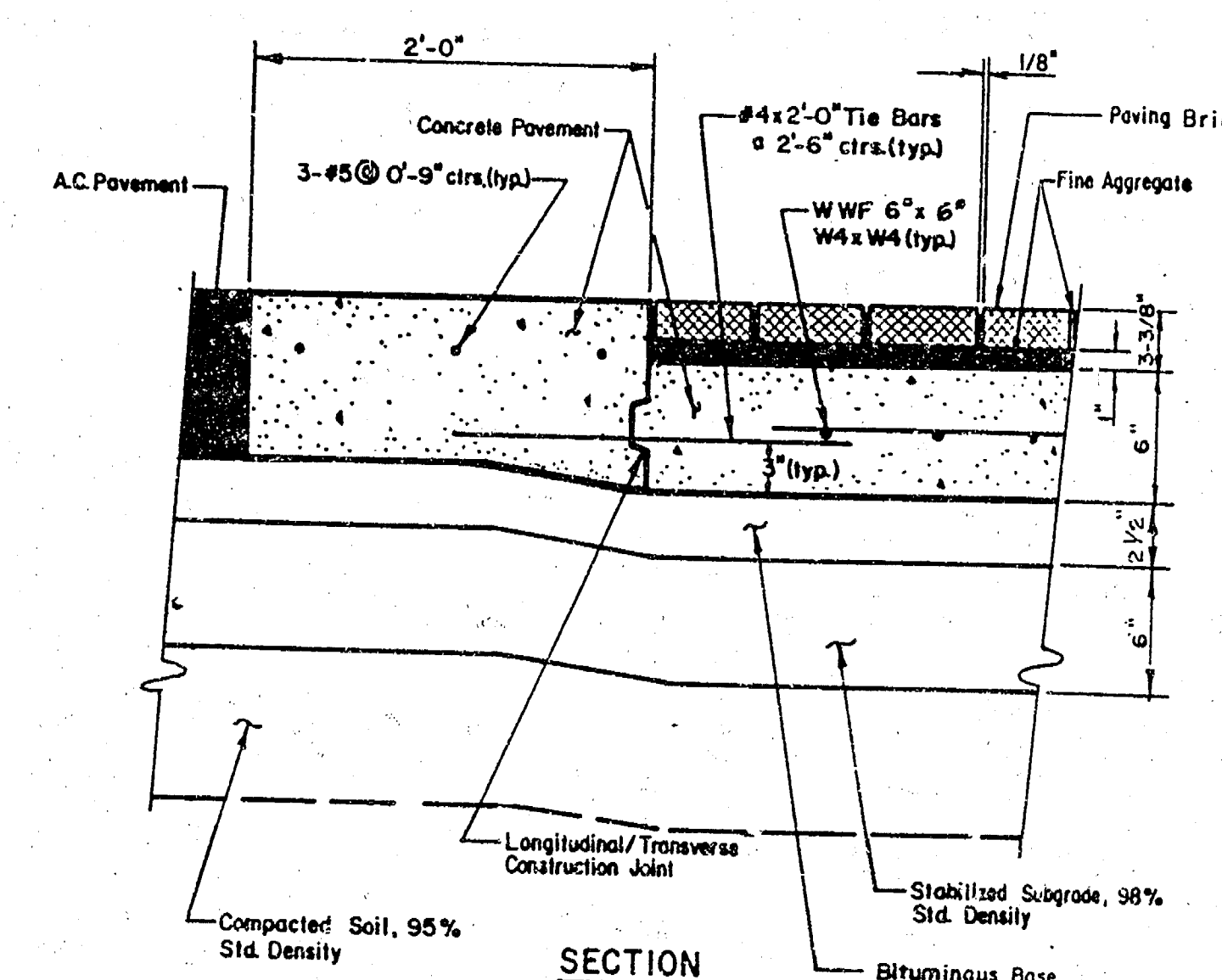
STREET PAVER DETAIL

NOTES:

1. PAVING BRICKS SHALL MEET OR EXCEED ASTM-C902. THE STYLE SHALL BE 4" X 8" X 2-1/4" BLOCK APPROVED BY THE ENGINEER. COLOR SHALL MATCH EXISTING BRICK LOCATED AT THE INTERSECTION OF FOLIAGE DRIVE AND WEBB ROAD, AS APPROVED BY THE ENGINEER. THE LAYING PATTERN SHALL BE HERRINGBONE.
2. SAND BEDDING SHALL MEET THE SPECIFICATION REQUIREMENTS FOR FINE AGGREGATE. AN UNCOMPACTED SAND LAYING COURSE SHALL BE SPREAD EVENLY OVER THE AREA TO BE PAVED THEN SCREEDED TO A LEVEL OF APPROXIMATELY 1" THICKNESS. ONCE SCREEDED AND LEVELED TO THE DESIRED ELEVATION, THE SAND LAYING COURSE SHALL NOT BE DISTURBED IN ANY WAY.
3. THE PAVING BRICKS SHALL BE INSTALLED PERPENDICULAR AND PARALLEL TO THE MAJOR AXIS OF THE AREA BEING PAVED. STONES SHALL BE PLACED KEEPING JOINT SPACES UNIFORM, APPROXIMATELY 1/8" THICK. THE GAPS AT THE EDGE OF THE PAVED SURFACE SHALL BE FILLED WITH STONES CUT TO FIT. CUTTING SHALL BE ACCOMPLISHED TO LEAVE A CLEAN EDGE TOWARD THE TRAFFIC SURFACE, USING A MASONRY SAW. WHENEVER POSSIBLE, NO CUTS SHOULD RESULT WITH A PAVER LESS THAN ONE-THIRD OF ITS ORIGINAL DIMENSION.
4. PAVING BRICKS SHALL BE VIBRATED TO THEIR FINAL LEVEL IN THE SAND LAYING COURSE BY TWO OR THREE PASSES OF A VIBRATING COMPACTOR CAPABLE OF 5000 TO 5000 BOUNDS COMPACTION FORCE WITH THE SURFACE CLEAN AND JOINTS OPEN.
5. AFTER VIBRATION, CLEAN CONCRETE SAND SHALL BE SPREAD OVER THE PAVING BRICK SURFACE, ALLOWED TO DRY, AND VIBRATED INTO THE JOINTS WITH ADDITIONAL PASSES OF THE PLATE VIBRATOR SO AS TO COMPLETELY FILL THE JOINTS. A LIGHT COATING OF SAND SHALL BE SWEEPED OVER THE COMPLETED SURFACE AND LEFT TO WEATHER IN.
6. A CONSTRUCTION JOINT IS REQUIRED FOR CONCRETE PAVEMENT WHEN CONCRETE PLACEMENT HAS BEEN INTERRUPTED FOR A SUBSTANTIAL LENGTH OF TIME OR AT THE END OF DAY'S PLACEMENT.

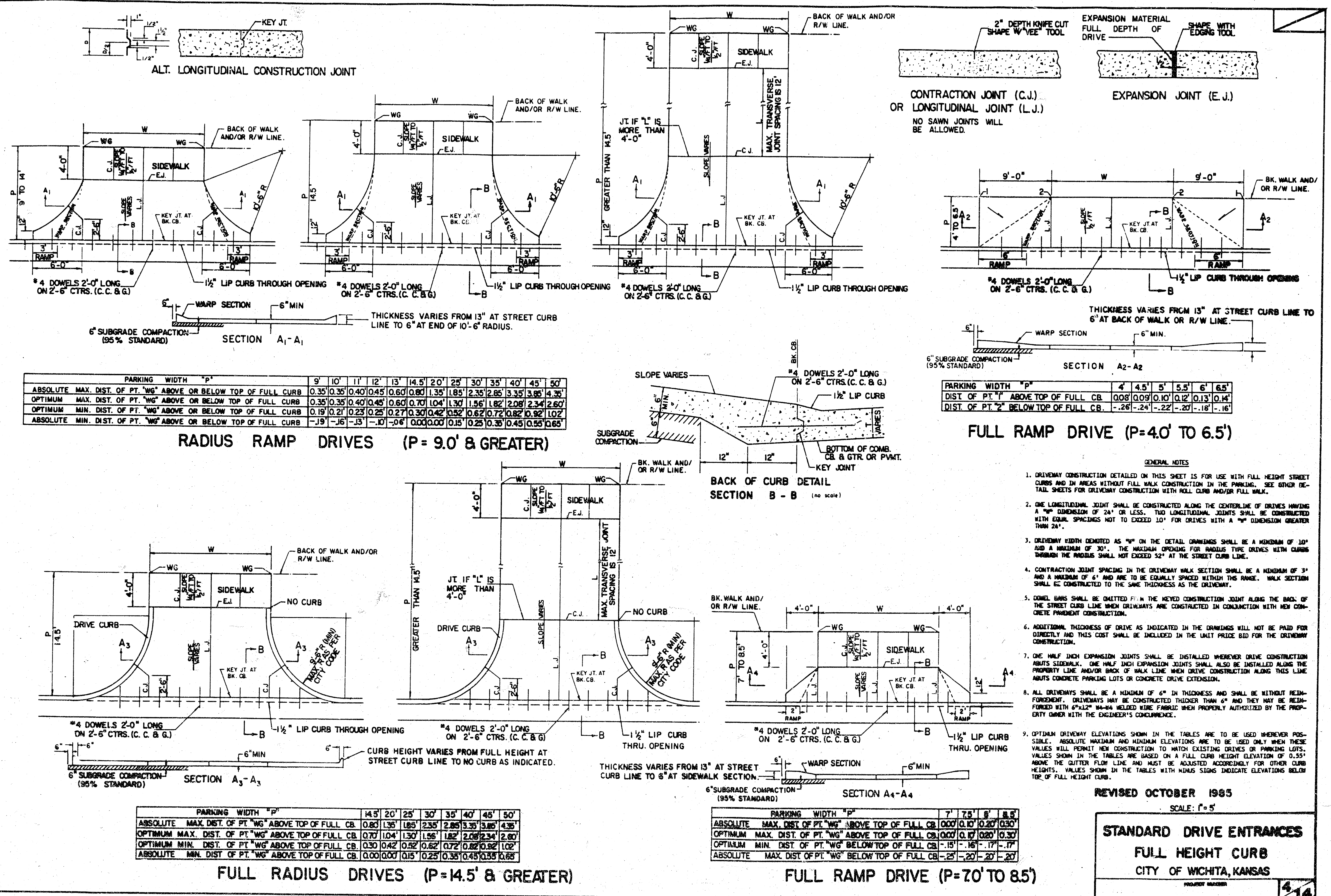


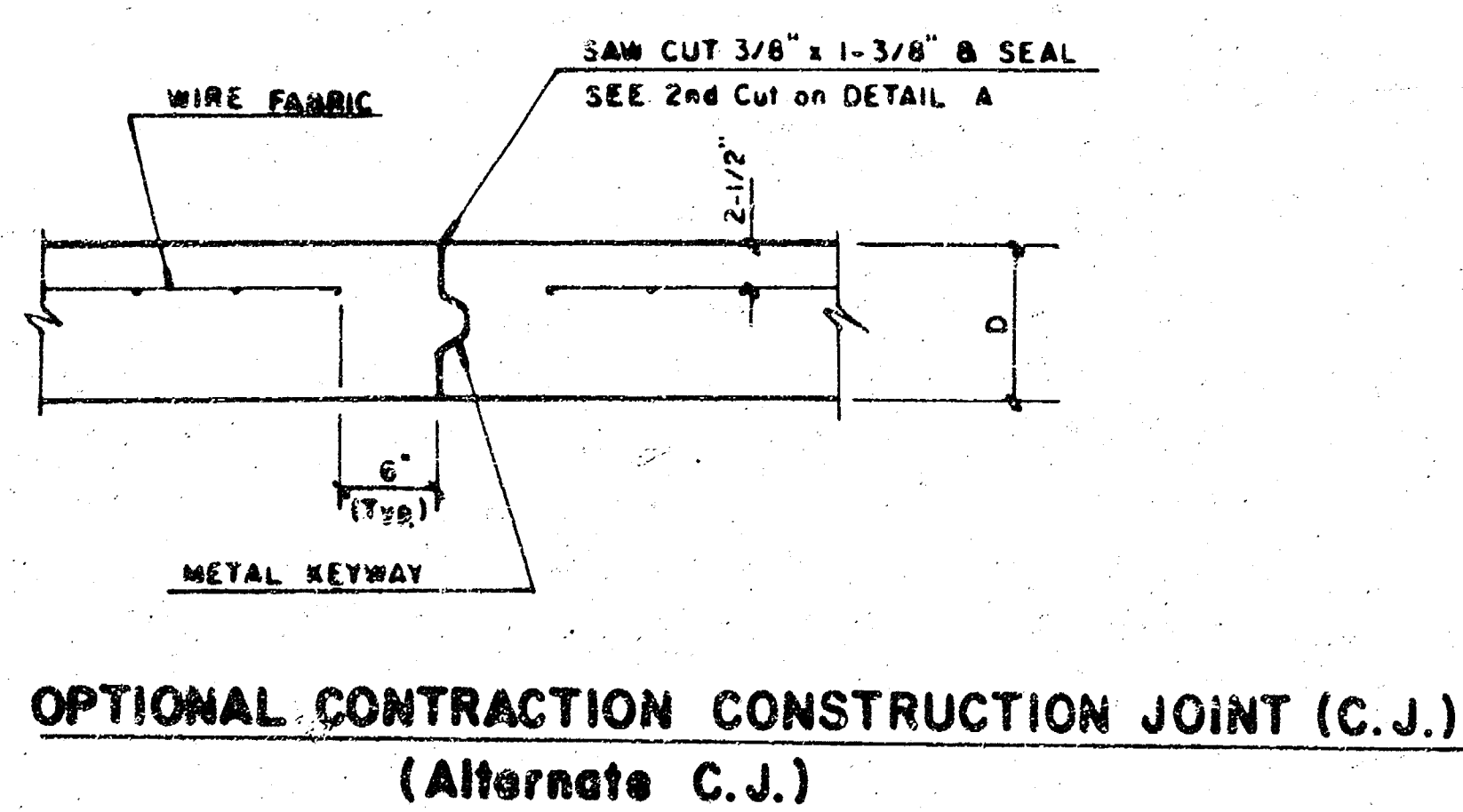
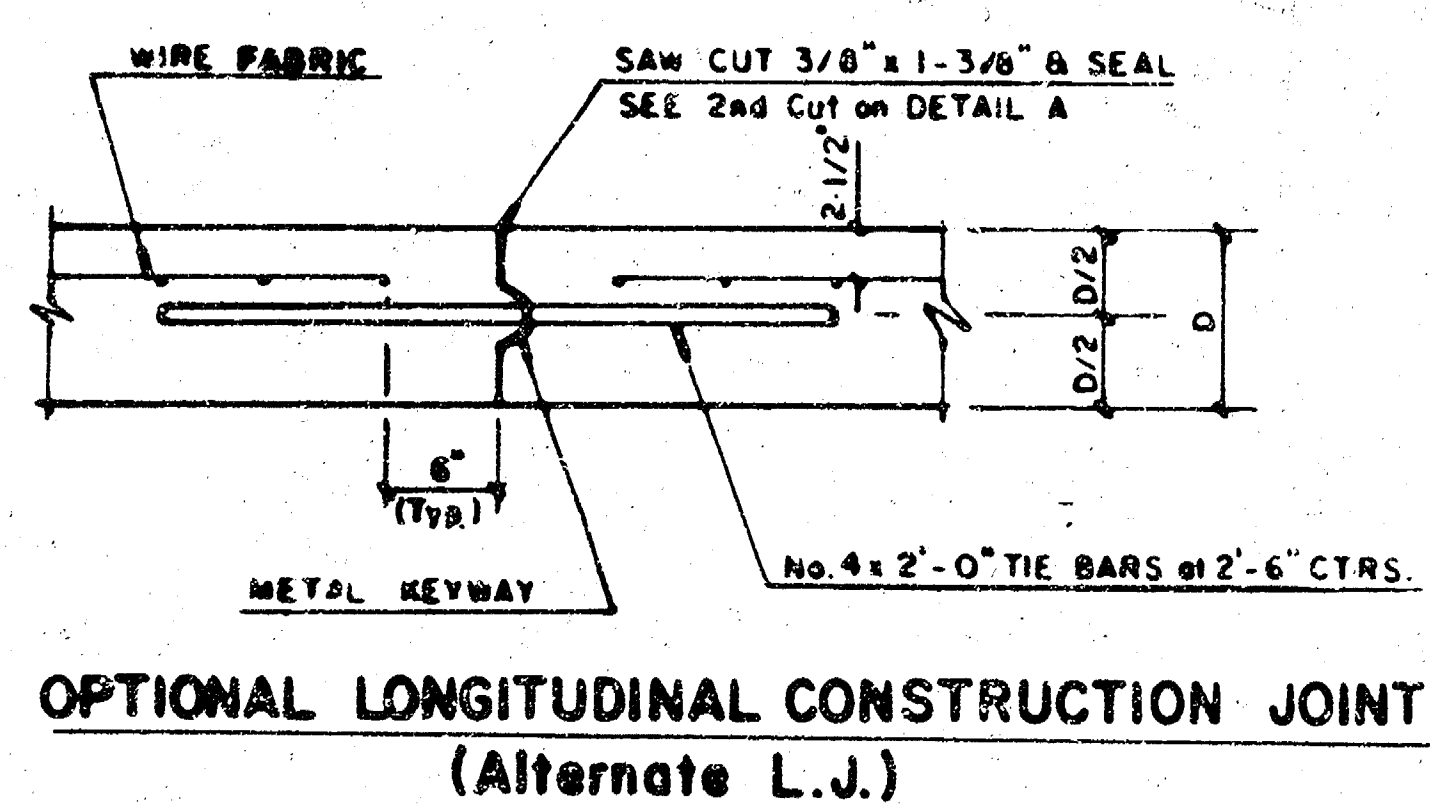
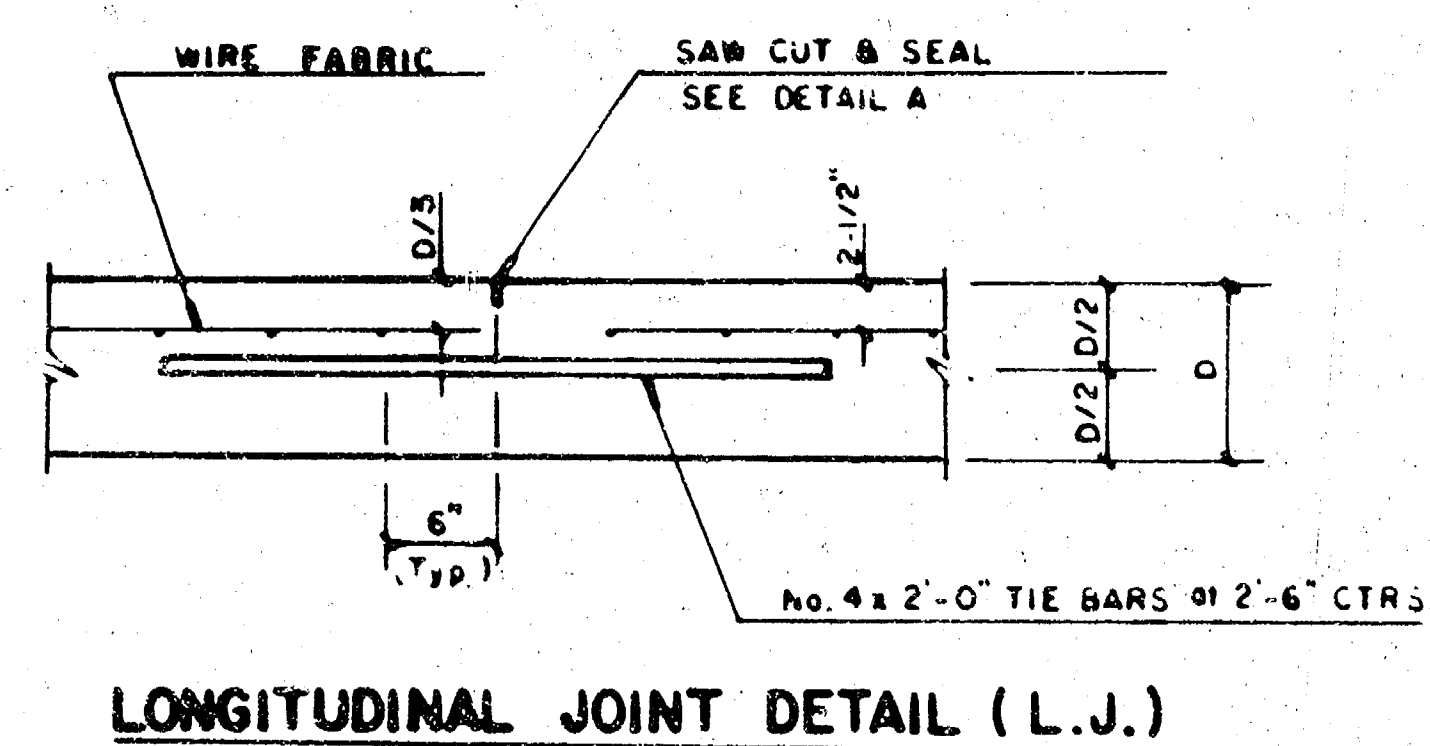
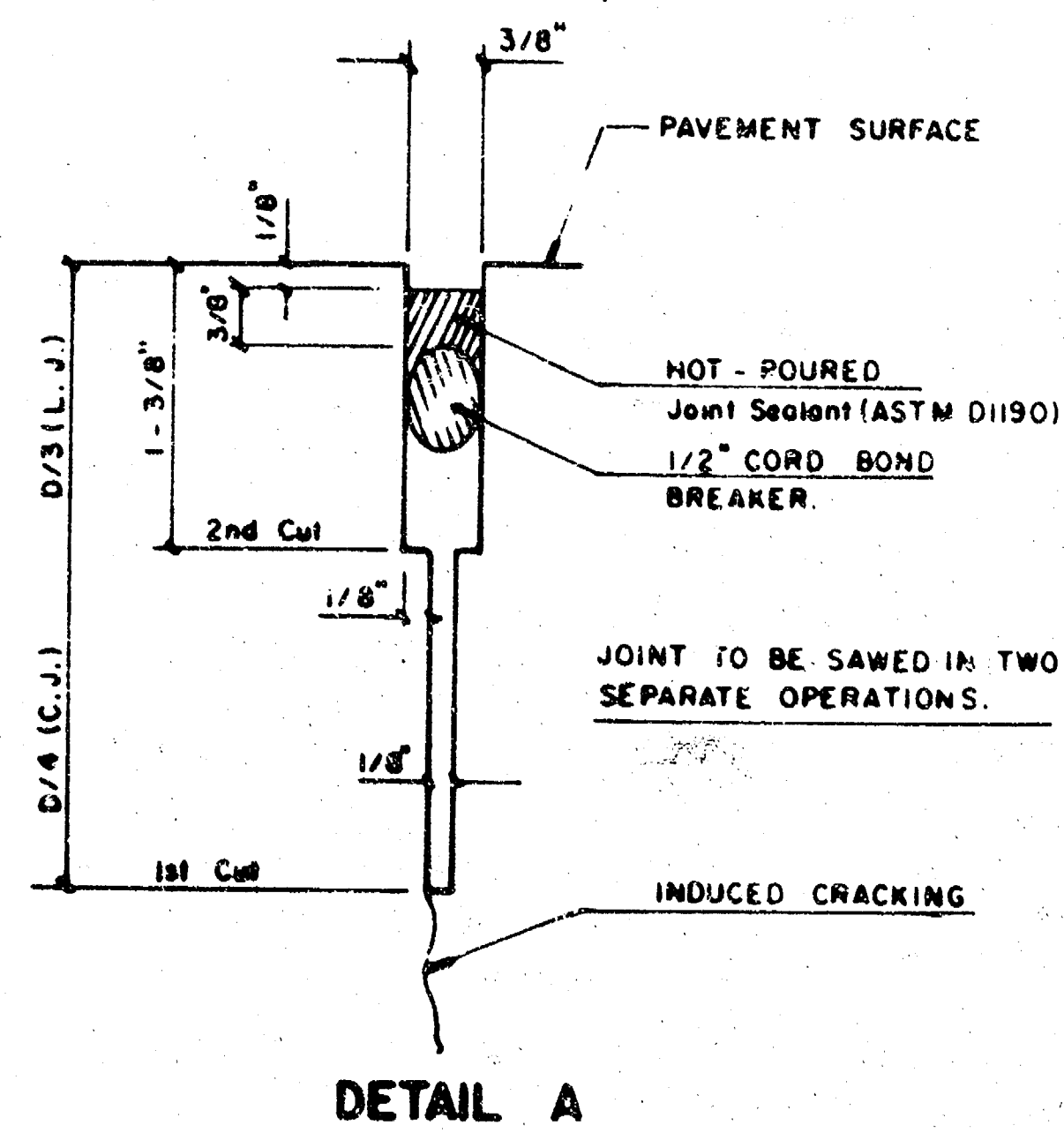
DRAIN DETAIL



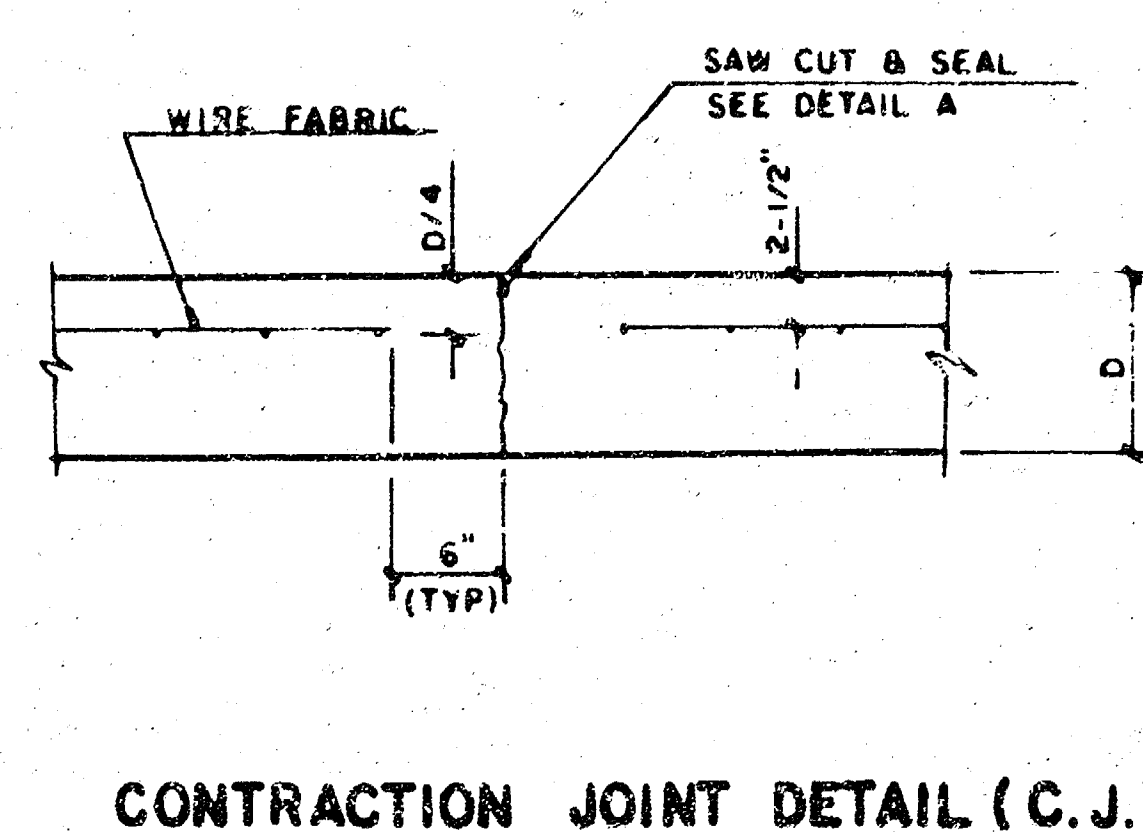
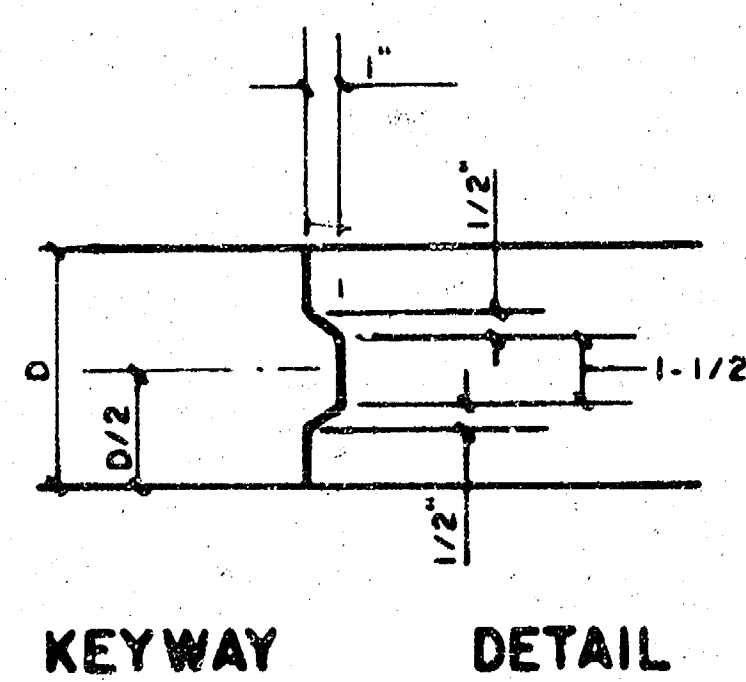
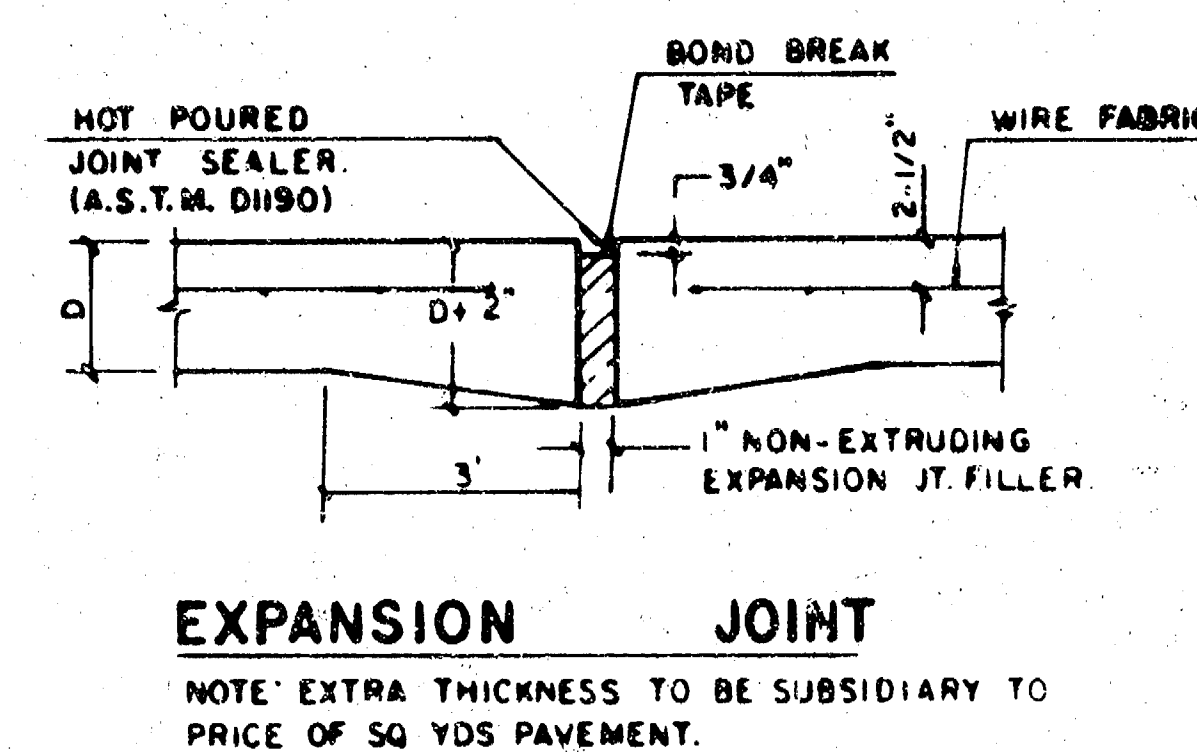
SECTION

	FOLIAGE 2ND ADDITION	Design: GJA
	PAVING DETAILS	Drawn by: DPR
		Checked by: DDS
	PRIVATE PAVING PLANS	Date: AUG. 1991
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		Sheet 3 of 14

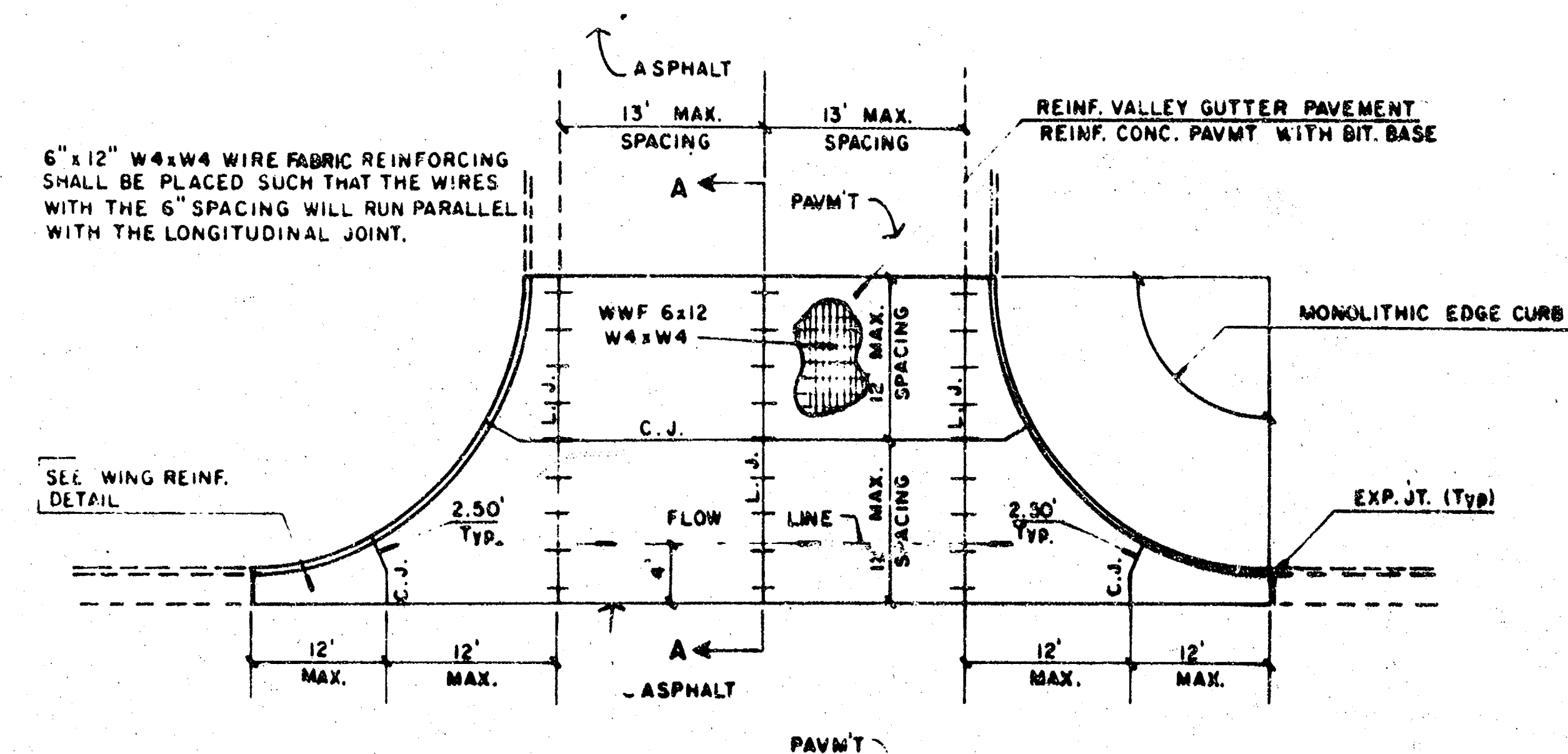




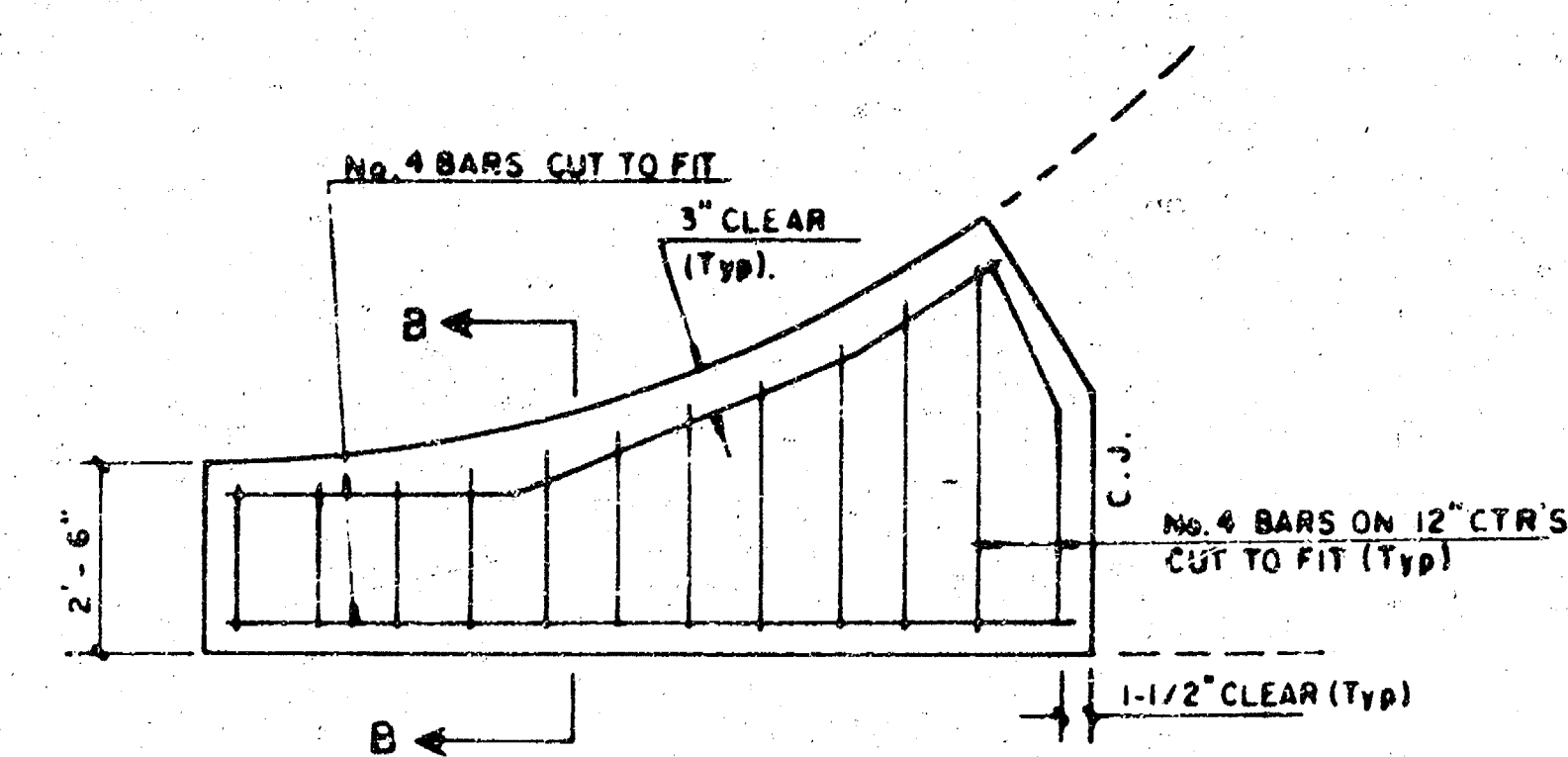
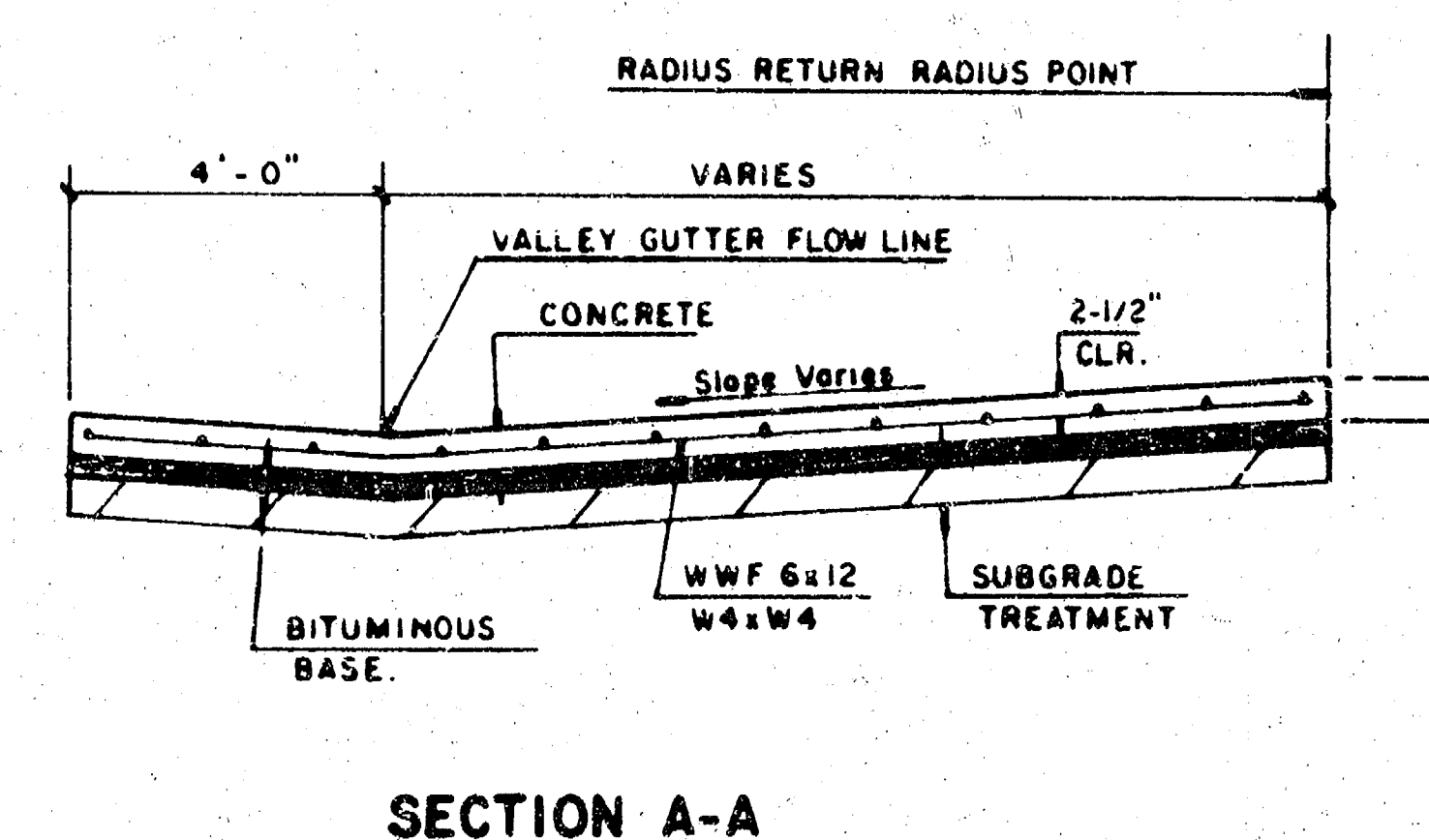
NOTE: ALL CONCRETE VALLEY GUTTER REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED BY BAR CHAIRS IN THE REQUIRED POSITION UNLESS APPROVED OTHERWISE BY THE ENGINEER.



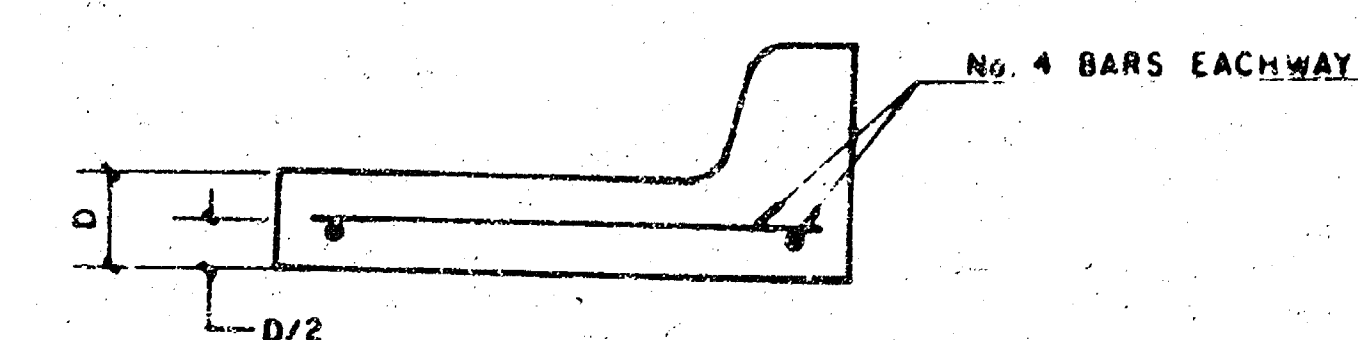
LEGEND
C.J. IDENTIFIES CONTRACTION JOINT
L.J. IDENTIFIES LONGITUDINAL JOINT



REINFORCED VALLEY GUTTER



SECTION B-B



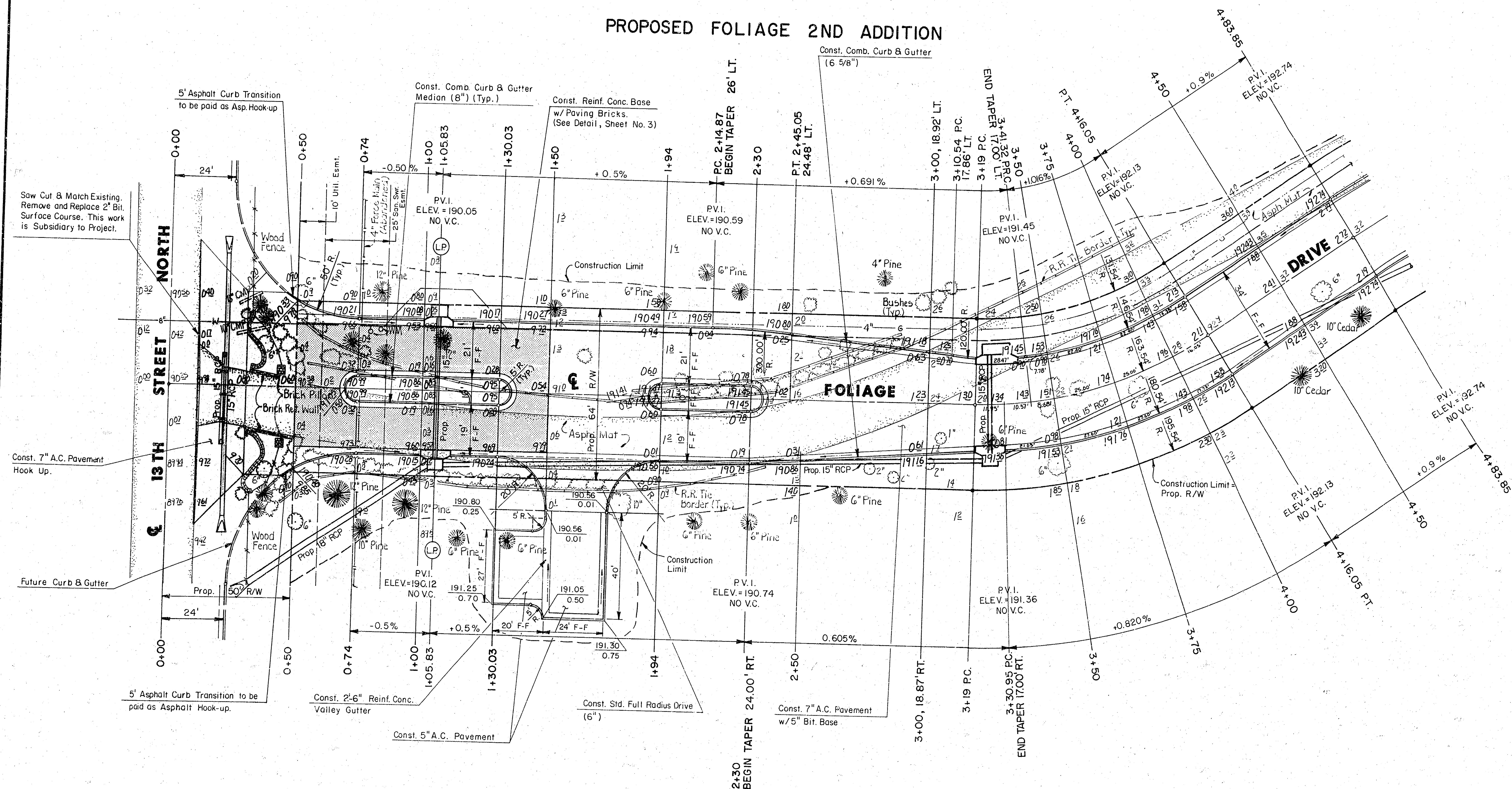
NOTE: OMIT WIRE FABRIC REINFORCING IN THIS SECTION.

PROJECT DESCRIPTION
VALLEY GUTTER DETAILS
PROJECT NUMBER



Scale: 1"=20'

PROPOSED FOLIAGE 2ND ADDITION

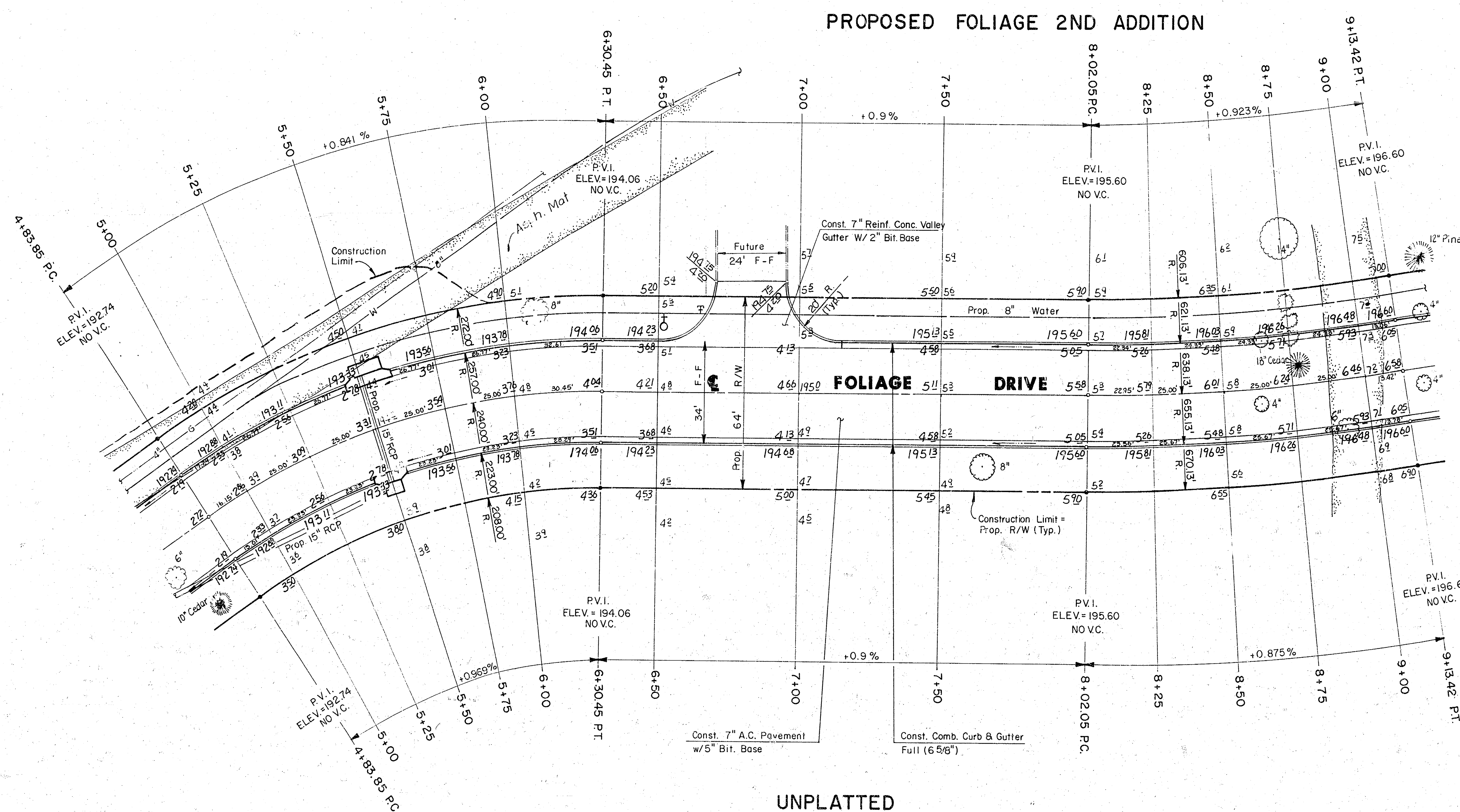


UNPLATTED

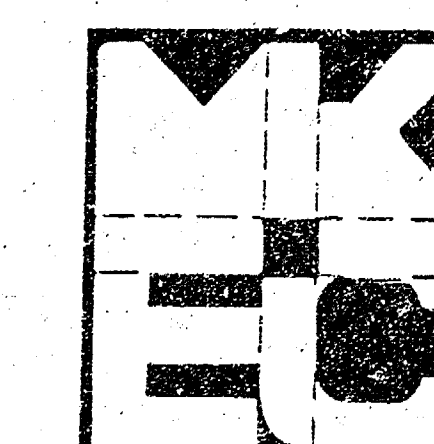
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	FOLIAGE DRIVE		Checked by DPR
	PRIVATE PAVING PLANS		Date AUG. 1991
			Job no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226			Sheet 6 of 14



Scale: 1" = 20'



UNPLATTED



FOLIAGE 2ND ADDITION
FOLIAGE DRIVE
PRIVATE PAVING PLANS

MID-KANSAS ENGINEERING CONSULTANTS PA
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

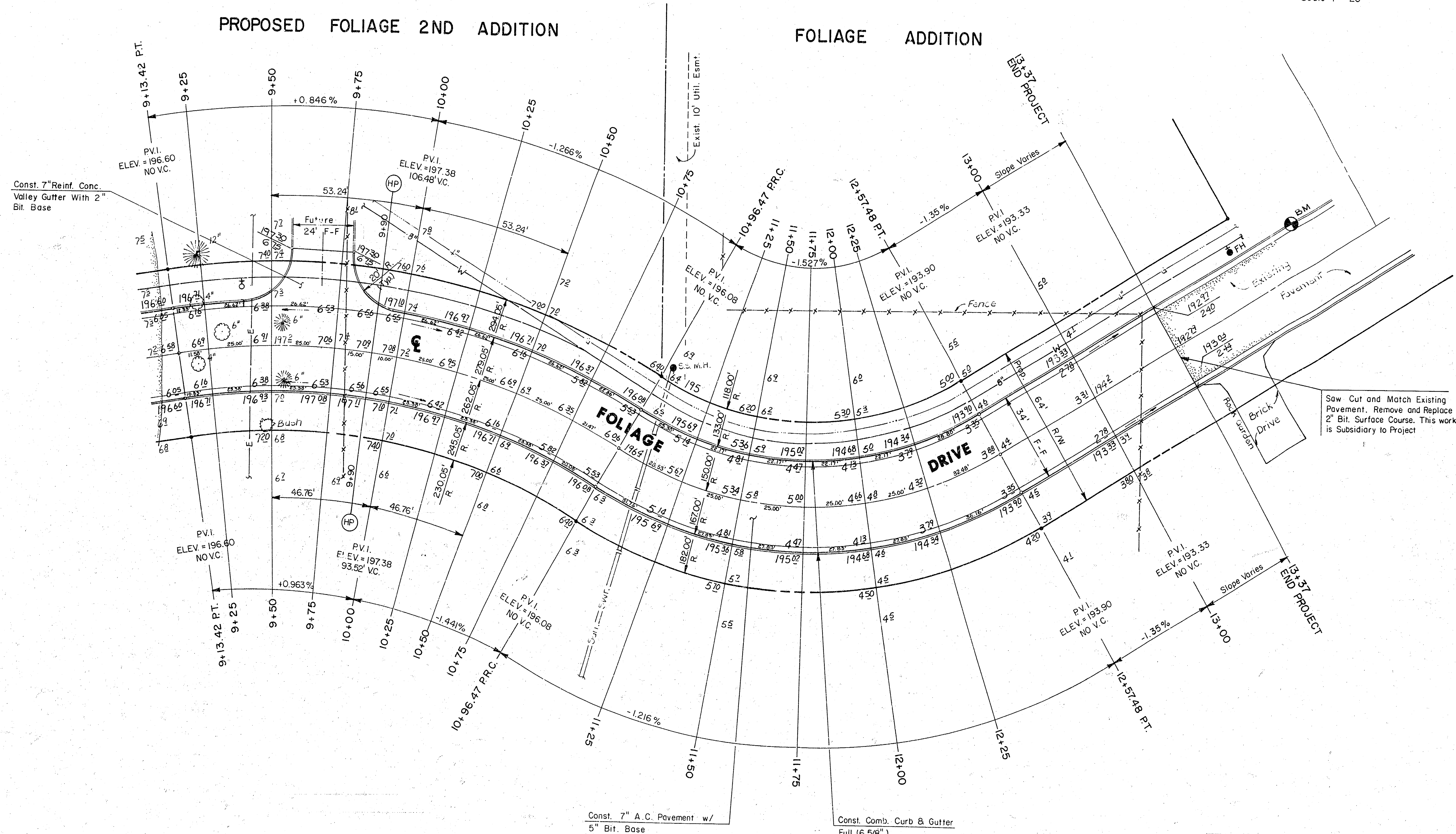
636-5565

Drawn by
DPR
Checked by
DDS
Date
AUG. 1991
Scale

Sheet
7
of
14



Scale: 1" = 20'



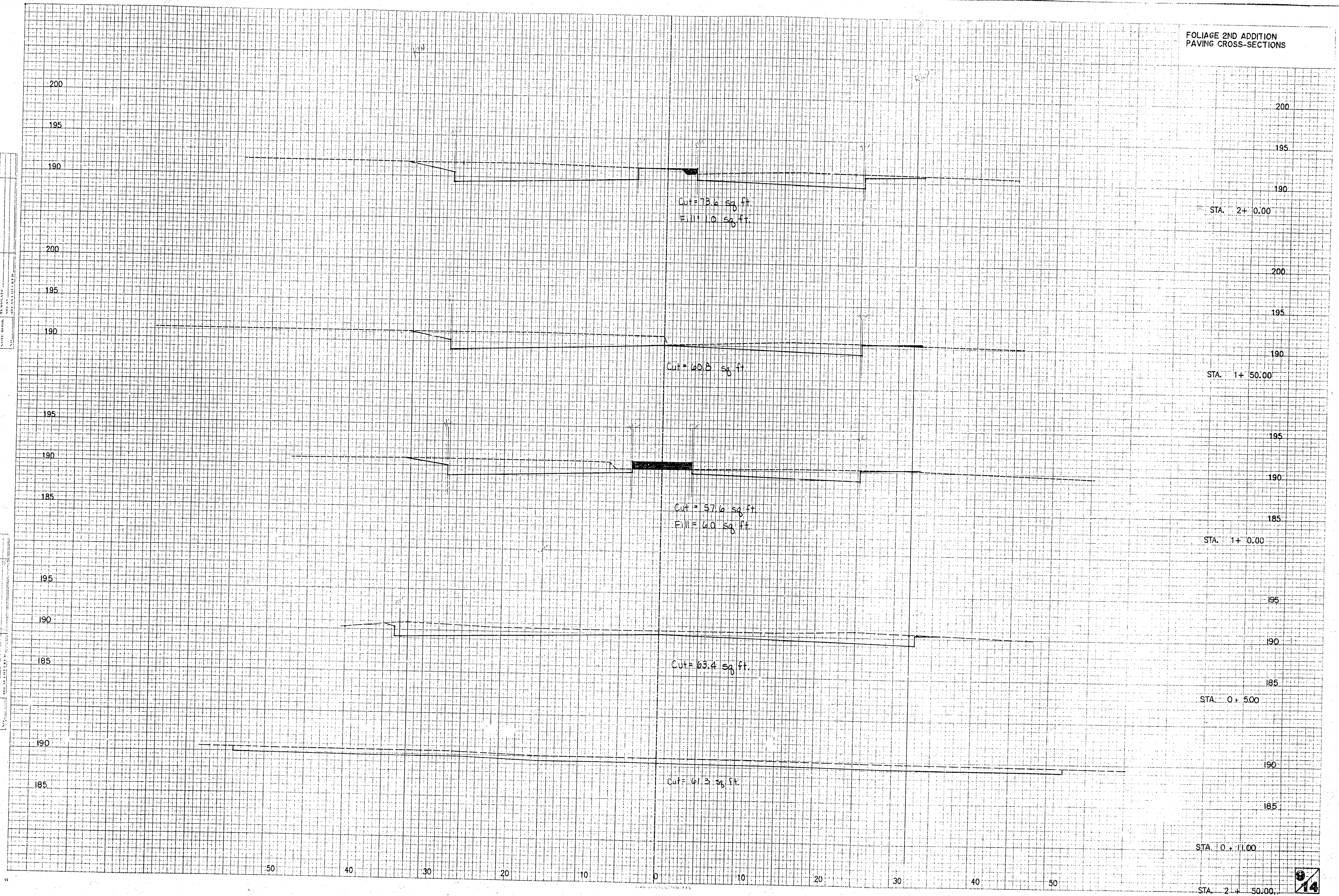
UNPLATTED

	FOLIAGE 2ND ADDITION	Design GJA
	FOLIAGE DRIVE	Drawn by DPR
	PRIVATE PAVING PLANS	Checked by DDS
		Date AUG 1991
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226		636-5566
		Sheet 8 of 14

FOLIAGE 2ND ADDITION
PAVING CROSS-SECTIONS

DATE	BY	PROJECT
10/10/10	W. J. HARRIS	100' W. 100' W. 100' W.
10/10/10	W. J. HARRIS	100' W. 100' W. 100' W.
10/10/10	W. J. HARRIS	100' W. 100' W. 100' W.

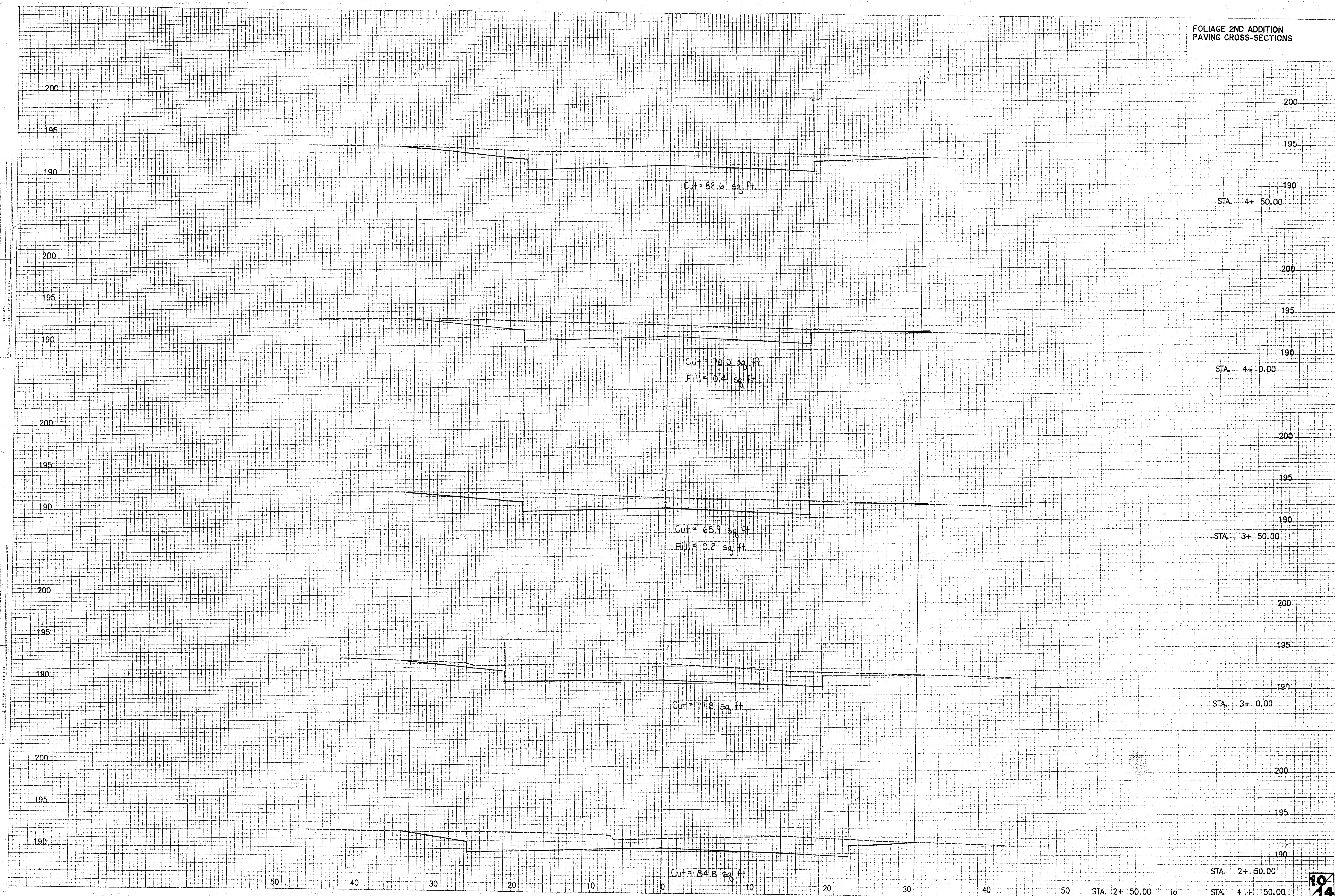
DATE	BY	PROJECT
10/10/10	W. J. HARRIS	100' W. 100' W. 100' W.
10/10/10	W. J. HARRIS	100' W. 100' W. 100' W.
10/10/10	W. J. HARRIS	100' W. 100' W. 100' W.



FOLIAGE 2ND ADDITION
PAVING CROSS-SECTIONS

DATE	BY	REVIEWED	DATE
FIVE SERIES		NOTED	
NOTED		NOTED	

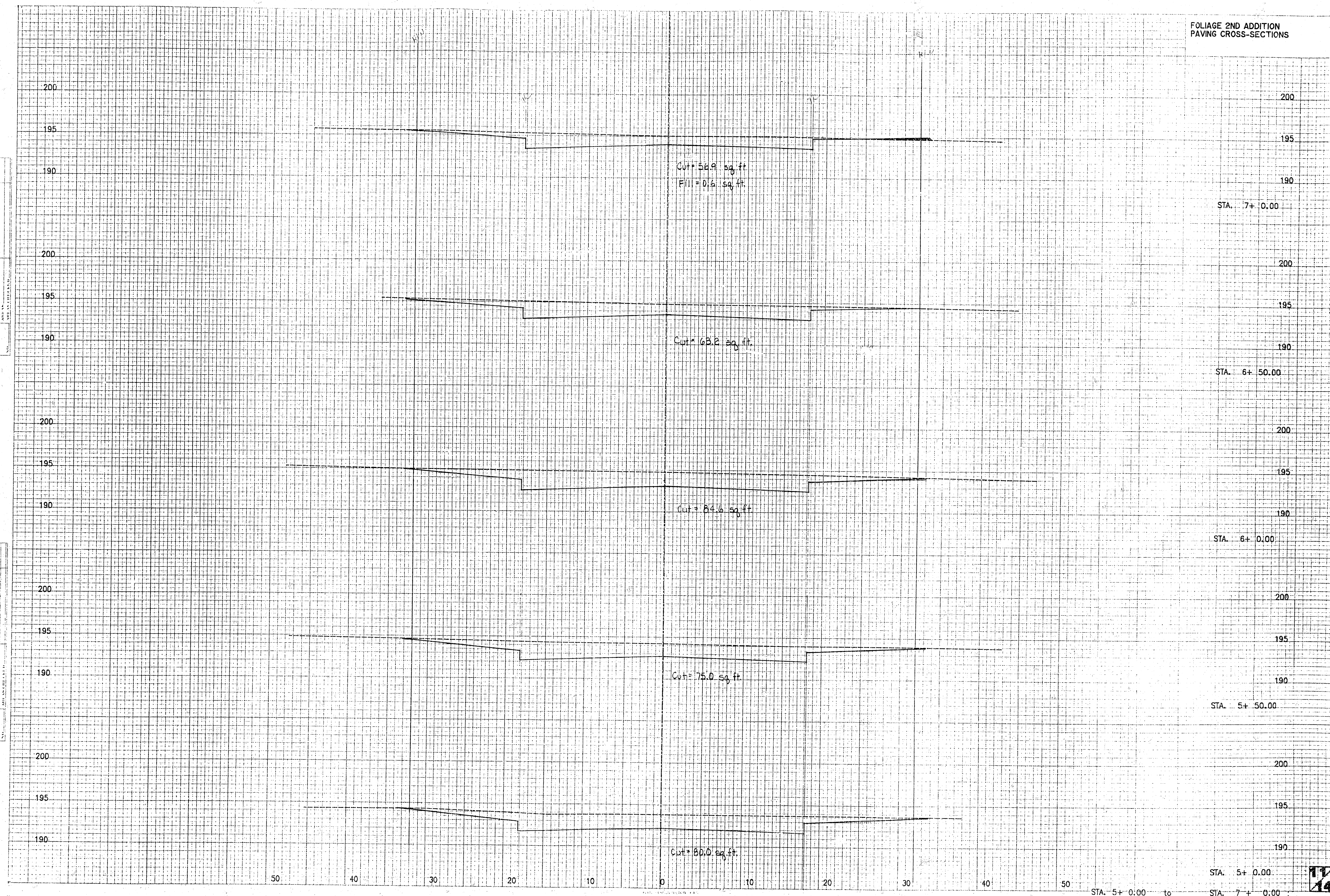
DATE	BY	REVIEWED	DATE
FIVE SERIES		NOTED	
NOTED		NOTED	



FOLIAGE 2ND ADDITION
PAVING CROSS-SECTIONS

DATE	BY
PROJECT	NO.
REVISION	DATE
BY	NO.

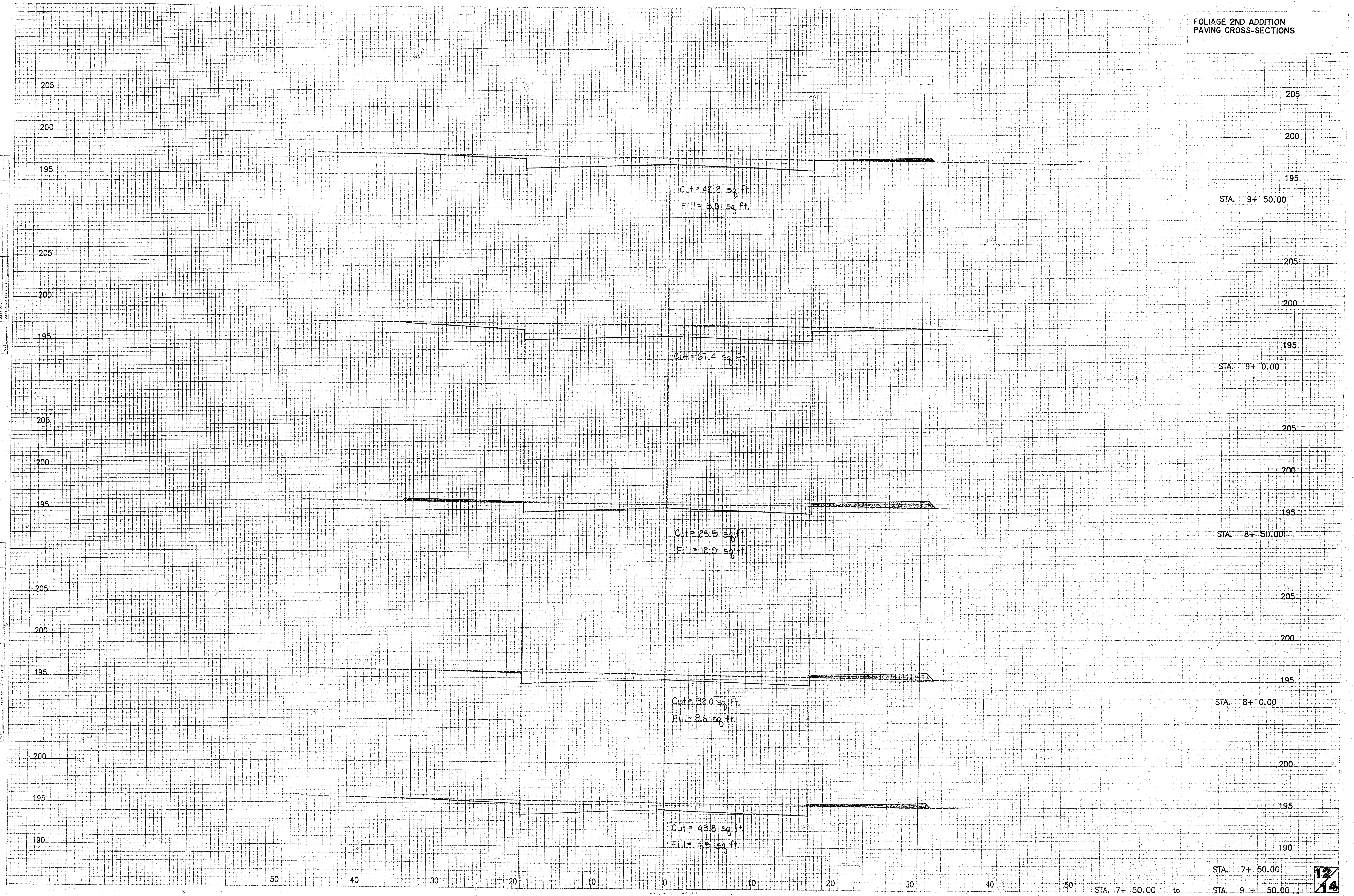
DATE	BY
PROJECT	NO.
REVISION	DATE
BY	NO.



FOLIAGE 2ND ADDITION
PAVING CROSS-SECTIONS

DATE	BY
PROJECT	DATE
DESIGNER	DATE
CHECKED	DATE
APPROVED	DATE

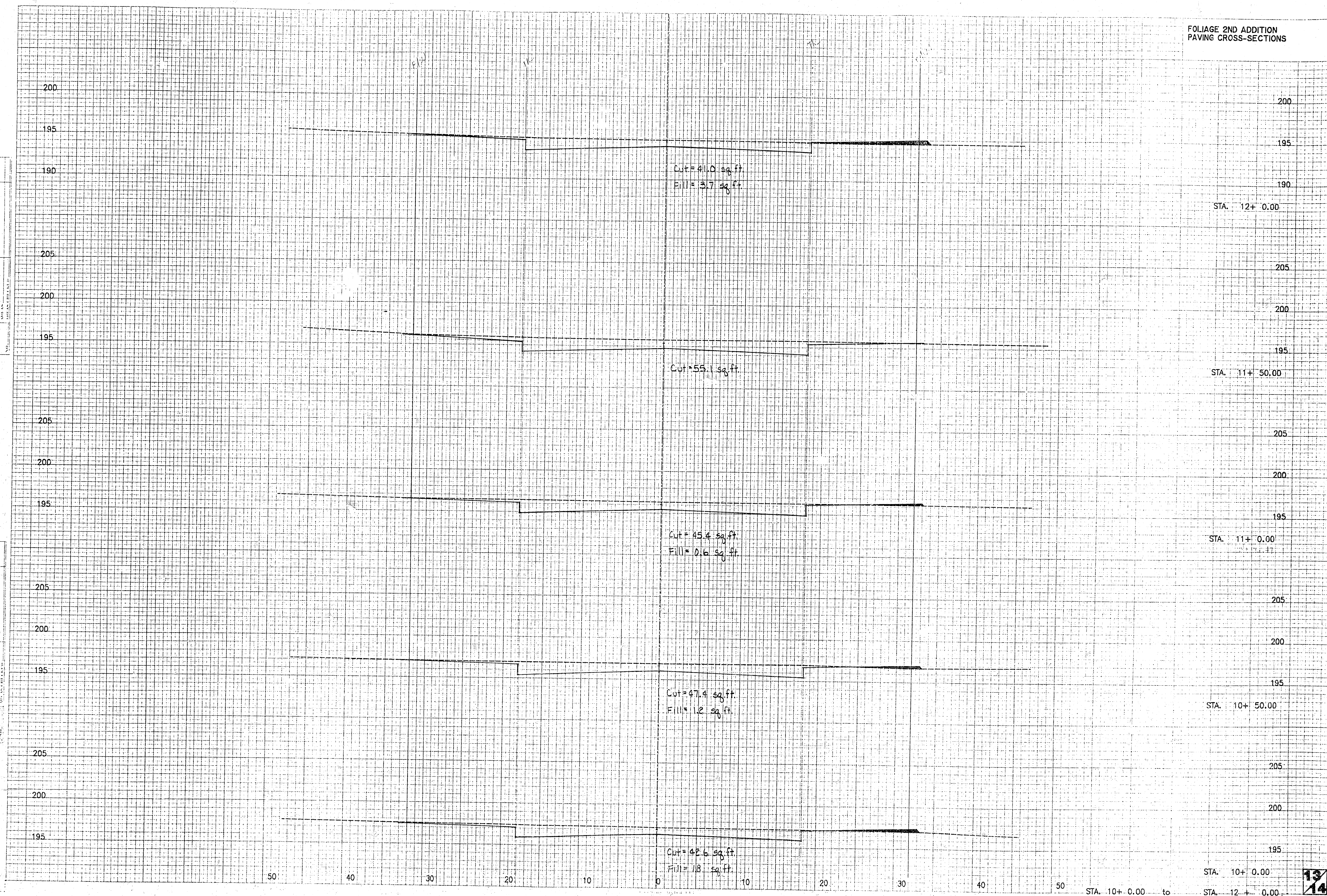
DATE	BY
PROJECT	DATE
DESIGNER	DATE
CHECKED	DATE
APPROVED	DATE



FOLIAGE 2ND ADDITION
PAVING CROSS-SECTIONS

DATE	BY
PROJECT NO.	DATE
PROJECT NAME	DATE
PROJECT LOCATION	DATE
PROJECT DESCRIPTION	DATE

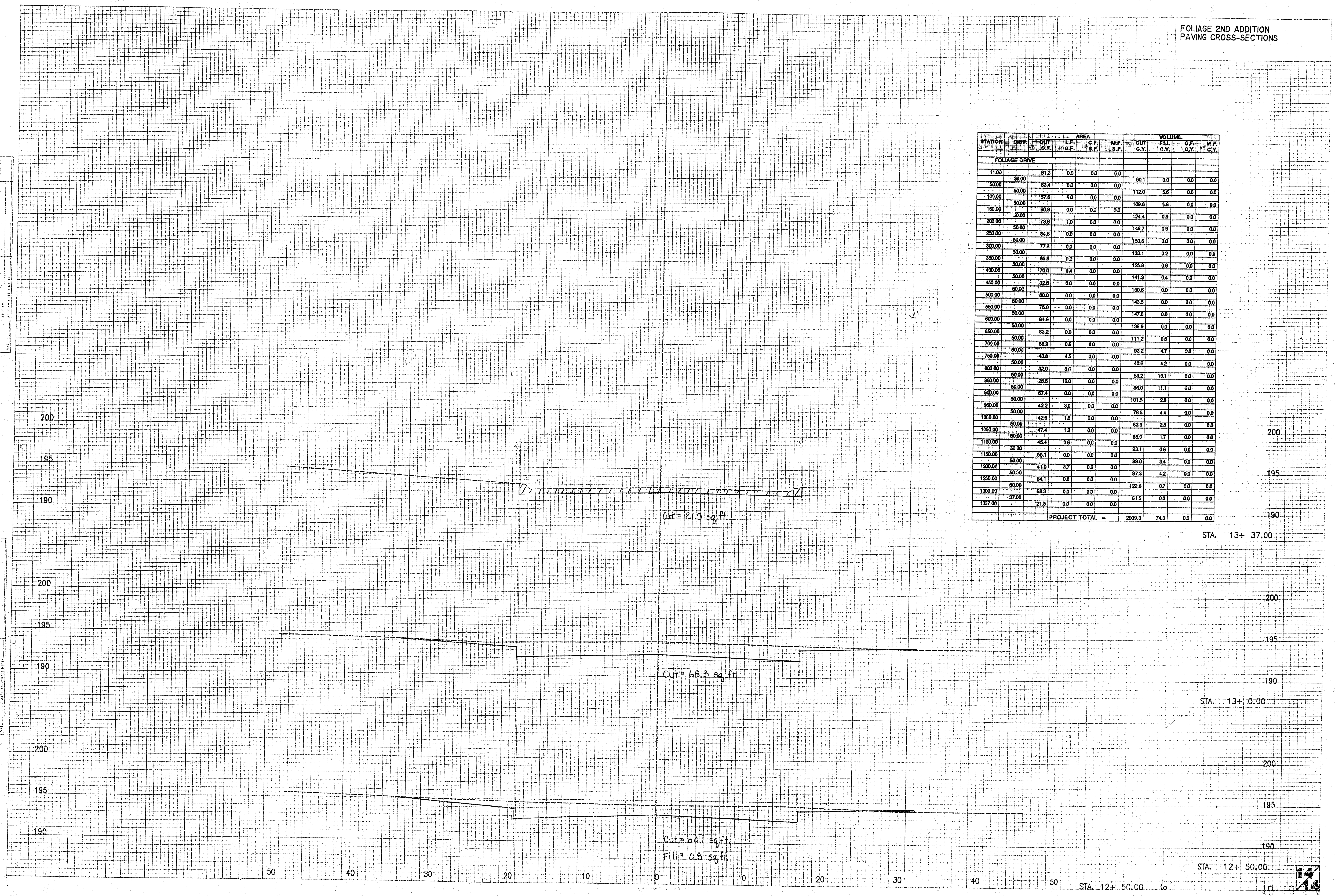
DATE	BY
PROJECT NO.	DATE
PROJECT NAME	DATE
PROJECT LOCATION	DATE
PROJECT DESCRIPTION	DATE



FOLIAGE 2ND ADDITION
PAVING CROSS-SECTIONS

DATE: _____
BY: _____
PROJECT: _____
SHEET: _____

DATE: _____
BY: _____
PROJECT: _____
SHEET: _____



STATION	DIST.	CUT		AREA		VOLUME					
		S.F.	S.F.	C.F.	S.F.	M.F.	CUT	FILL	C.F.	M.F.	
						S.F.	C.Y.	C.Y.	C.Y.	C.Y.	
FOLIAGE DRIVE											
11.00		61.3	0.0	0.0		0.0					
50.00	39.00	83.4	0.0	0.0	0.0		90.1	0.0	0.0	0.0	
100.00	50.00	57.6	6.0	0.0	0.0		112.0	5.6	0.0	0.0	
150.00	50.00	60.8	0.0	0.0	0.0		108.6	5.6	0.0	0.0	
200.00	50.00	73.6	1.0	0.0	0.0		124.4	0.9	0.0	0.0	
250.00	50.00	84.8	0.0	0.0	0.0		146.7	0.9	0.0	0.0	
300.00	50.00	77.6	0.0	0.0	0.0		150.6	0.0	0.0	0.0	
350.00	50.00	85.9	0.2	0.0	0.0		133.1	0.2	0.0	0.0	
400.00	50.00	85.9	0.2	0.0	0.0		125.8	0.6	0.0	0.0	
450.00	50.00	70.0	0.4	0.0	0.0		141.3	0.4	0.0	0.0	
500.00	50.00	82.6	0.0	0.0	0.0		150.6	0.0	0.0	0.0	
550.00	50.00	80.0	0.0	0.0	0.0		143.5	0.0	0.0	0.0	
600.00	50.00	75.0	0.0	0.0	0.0		147.8	0.0	0.0	0.0	
650.00	50.00	84.6	0.0	0.0	0.0		136.9	0.0	0.0	0.0	
700.00	50.00	63.2	0.0	0.0	0.0		111.2	0.6	0.0	0.0	
750.00	50.00	56.9	0.6	0.0	0.0		93.2	4.7	0.0	0.0	
800.00	50.00	43.8	4.5	0.0	0.0		40.8	4.2	0.0	0.0	
850.00	50.00	32.0	8.0	0.0	0.0		53.2	18.1	0.0	0.0	
900.00	50.00	25.5	12.0	0.0	0.0		86.0	11.1	0.0	0.0	
950.00	50.00	67.4	0.0	0.0	0.0		101.5	2.8	0.0	0.0	
1000.00	50.00	42.2	3.0	0.0	0.0		76.6	4.4	0.0	0.0	
1050.00	50.00	42.6	1.8	0.0	0.0		83.3	2.8	0.0	0.0	
1100.00	50.00	47.4	1.2	0.0	0.0		85.9	1.7	0.0	0.0	
1150.00	50.00	45.4	0.6	0.0	0.0		93.1	0.6	0.0	0.0	
1200.00	50.00	55.1	0.0	0.0	0.0		89.0	3.4	0.0	0.0	
1250.00	50.00	41.0	3.7	0.0	0.0		97.3	4.2	0.0	0.0	
1300.00	37.00	68.3	0.0	0.0	0.0		122.6	0.7	0.0	0.0	
1337.00		21.5	0.0	0.0	0.0		61.5	0.0	0.0	0.0	
PROJECT TOTAL =							2909.3	74.3	0.0	0.0	

STA. 13+ 37.00

STA. 13+ 0.00

STA. 12+ 50.00

