

RIVERBANK IMPROVEMENTS MERIDIAN TO SENECA

PROJECT NO: 472-82799

INDEX NO: 706556

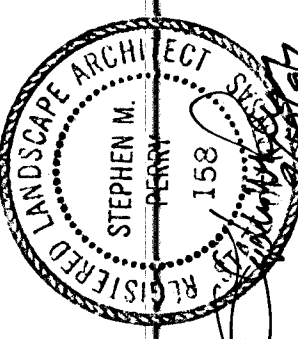
CITY OF WICHITA, SEDGWICK COUNTY, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER



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McCullough Van Sickle & Perry

RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS



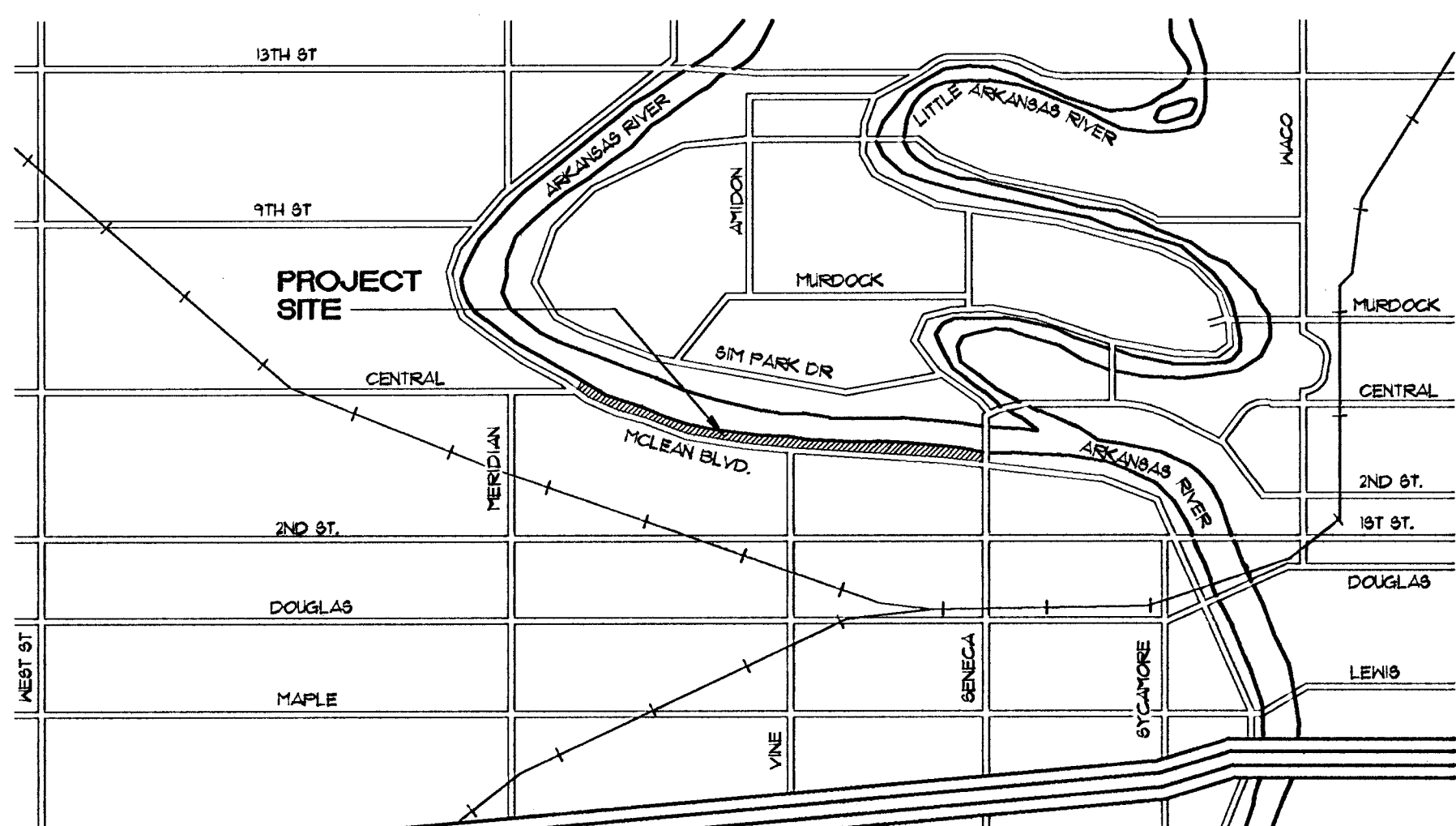
PROJECT NO. 9442
DATE: SEPTEMBER 10, 1991
REVISED:

SHEET

Q1

OF 27 SHEETS

LOCATION MAP



ABBREVIATIONS

A ABV. A/C ACOUS. T. ADJ. ADJUST. A.F.F. A.H.U. ALT. AL. ANC. ANC. B. APPROX. ARCH. ASPH. T. ASSYS.	AT ABOVE AIR CONDITIONING ACOUSTICAL TILE ADJACENT ADJUSTABLE ABOVE FINISH FLOOR AIR HANDLING UNIT ALTERNATE ARC LENGTH ANCHOR ANCHOR BOLT APPROXIMATE ARCHITECTURAL ASPHALT TILE ASSEMBLIES	E E.A. E. ANC. E.C. E.J. ELEC. ELEV. ENCL. ENTR. EQ. EQMT. EXHAUST ET CETERA EX., EXIST. EXP. EXT.	EAST EXPANSION ANCHOR EXPANSION JOINT ELECTRICAL ELEVATION ENCLOSURE ENTRANCE EQUAL EQUIPMENT EXHAUST REGISTER ET CETERA EXISTING EXPANSION EXTERIOR	M MAS. MATL. MAX. M.B. M.C. MECH. MFR. MAN HOLE MIN. MISC. M.L. MOLDG. M.O. M.S. M.T. MTO. MTL. MTR.	MASONRY MATERIAL MAXIMUM MACHINE BOLT MECHANICAL CONTRACTOR MECHANICAL MANUFACTURER MAN HOLE MINIMUM MISCELLANEOUS METAL LATH MOLDING MASONRY OPENING METAL STUD METAL THRESHOLD MOUNTED METAL MOTOR	REV. R.G. R.L. RM. R.O. RUST.	REVERSE RETURN GRILL ROOF LEADER ROOM ROUGH OPENING RUSTICATION
B BD., BRD. B.L. BLDG. BLK. BLW. BM. B.M. BOTT., BTM. BRG. BRK. BUR.	BOARD BRICK LEDGE BUILDING BLOCK BELOW BEAM BENCH MARK BOTTOM BEARING BRICK BUILT UP ROOF	F F.A. F.C.U. F.D. FDN. FIRE F.E.C. F.H. FIN. FIN. FL. FL. FLG. F.P. FULL SIZE FT. FTG. FUT. F.V.	FRESH AIR FAN COIL UNIT FLOOR DRAIN FOUNDATION FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET FLATHEAD FINISH FINISH FLOOR FLOOR FLASHING FIREPROOFING FULL SIZE FT. FTG. FUT. F.V.	N N.A. N.C. N.F.R. N.I.C. N.O. N. NO. NOM. NON-COMBUST. N.T.S.	MASONRY MATERIAL MAXIMUM MACHINE BOLT MECHANICAL CONTRACTOR MECHANICAL MANUFACTURER MAN HOLE MINIMUM MISCELLANEOUS METAL LATH MOLDING MASONRY OPENING METAL STUD METAL THRESHOLD MOUNTED METAL MOTOR	REV. R.G. R.L. RM. R.O. RUST.	REVERSE RETURN GRILL ROOF LEADER ROOM ROUGH OPENING RUSTICATION
C C.C. C.B. C.B. CEMENT C.F. C.I. C.J. CKT. CL. CLR. C.M.P. C.M.U. CNTR. C.O. COL. COMP. CONC. COND. CONST. CONT. C.R. CSK. CSWK. C.T. CTR. CNTR. FLG.	CENTER LINE CHANNEL COURSES (BRICK, ETC.) CABINET CHALK BOARD CEMENT CUBIC FEET CAST IRON CONTROL JOINT CIRCUIT (ELECTRIC) CENTRAL ANGLE CHORD LENGTH CLEAR CORRUGATED METAL PIPE CONCRETE MASONRY UNIT COUNTER CLEAN OUT COLUMN COMPOSITION CONCRETE CONDITION CONSTRUCTION CONTINUOUS COLD-ROLLED COUNTERSUNK CASEWORK CERAMIC TILE CENTER COUNTER FLASHING	G GA. GALV. G.B. G.C. G.I. G.L. GR. GYP.	GAUGE GALVANIZED GRAB BAR GENERAL CONTRACTOR GALVANIZED IRON GRADE LINE GRADE GYPSUM	H H.C. HD. HD. WD. H.W. HGT., HT. HLP. HORZ. H.P.	HOLLOW CORE HEAD HARDWOOD HARDWARE HEIGHT HIGH LINE POLE HORIZONTAL HIGH POINT	I I.D. INT. INSUL.	INSIDE DIAMETER INTERIOR INSULATION
D DBL. DEMO. DEPT. D.F. DIAM. DIM. DISP. DN. DO. DR. D.S. DTL. DWG. DWR.	DOUBLE DEMOLITION DEPARTMENT DRINKING FOUNTAIN DIAMETER DIMENSION DISPENSER DOWN DITTO DOOR DOWNSPOUT DETAIL DRAWING DRAWER	J JST. JT.	JOIST JOINT	P P & M PART. P.C. P.L. PLAS. PLBG. P.L.F. PLYWD. P.O.C. P.O. PRO. PRESS. P.S. P.S.F. P.S.I. PT. PTD. PTN. PVC.	PHASE PLATE PATCH AND MATCH PARTIAL POINT OF COMPOUND CURVE PLASTIC LAMINATE PLASTER PLUMBING POUNDS PER LINEAR FOOT PLYWOOD POINT OF CONNECTION PART POINT OF REVERSE CURVE PRESSURE PROJECTION SCREEN POUNDS PER SQUARE FOOT P.O.C. P.O.S. POINT PAINTED PARTITION POLY VINYL CHLORIDE	Q Q. TO O. O.A. OBS. O.C. O.D. OFF. OPENING OPPOSITE	OUT TO OUT OVER ALL OBSOLETE ON CENTERS OUTSIDE DIAMETER OFFICE OPENING OPPOSITE
Q Q.T.	QUARRY TILE	R R. R.A. R., RAD. RCBC RE. REF. REFG. REFL. REG. REIN. REQ.	RISER RETURN AIR RADIUS REINFORCED CONCRETE BOX CULVERT REFER REFERENCE REFRIGERATOR REFLECTED REGULAR REINFORCING REQUIRED	S S. S. SO. SAN. S. S. S.C. SCHED. SECT. S.F. SHT. SIM. SP. SPEC. SRB PIN SWS SWSMH SST. STAG. STD. STL. STL. STRUCT. SUSP. S.Y. SYM.	STEEL LINE SQUARE SANITARY SEWER SOUTH SOLID CORE SCHEDULE SECTION SQUARE FEET SHEET SIMILAR SPACES SPECIFICATIONS SURVEY CONTROL POINT STORM SEWER STORM SEWER MANHOLE STAINLESS STEEL STAGGERED STANDARD STEEL STRUCTURAL SUSPENDED SQUARE YARD SYMMETRICAL	T T. T.B. T.O.W. TEL. TEMP. TERR. T. & G. THK. THLD. TYP.	TANGENT TACK BOARD TOP OF WALL TELEPHONE TEMPERED TERRAZZO TONGUE AND GROOVE THICK THRESHOLD TYPICAL
U U.H. U.L. U.N.O. U.V.	UNIT HEATER UNDERWRITER'S LABORATORY UNLESS NOTED OTHERWISE UNIT VENTILATOR	V V.C.T. V.C.P. VERT. VEST. VOL. V.T.R. V.W.C.	VINYL COMPOSITION TILE VITRIFIED CLAY PIPE VERTICAL VESTIBULE VOLUME VENT THRU ROOF VINYL WALL COVERING	W W. W. W. W.H. W.I. WNSOT. W/O. W.P. W.P. WT. WTR. W.W.F.	WEST WIDTH WITH W/ & HCP WINDOW WATER HEATER WROUGHT IRON WAINSCOT WITHOUT WATERPROOF WHITE PINE WORKING POINT WEIGHT WATER WELOD WIRE FABRIC	Y YD.	YARD

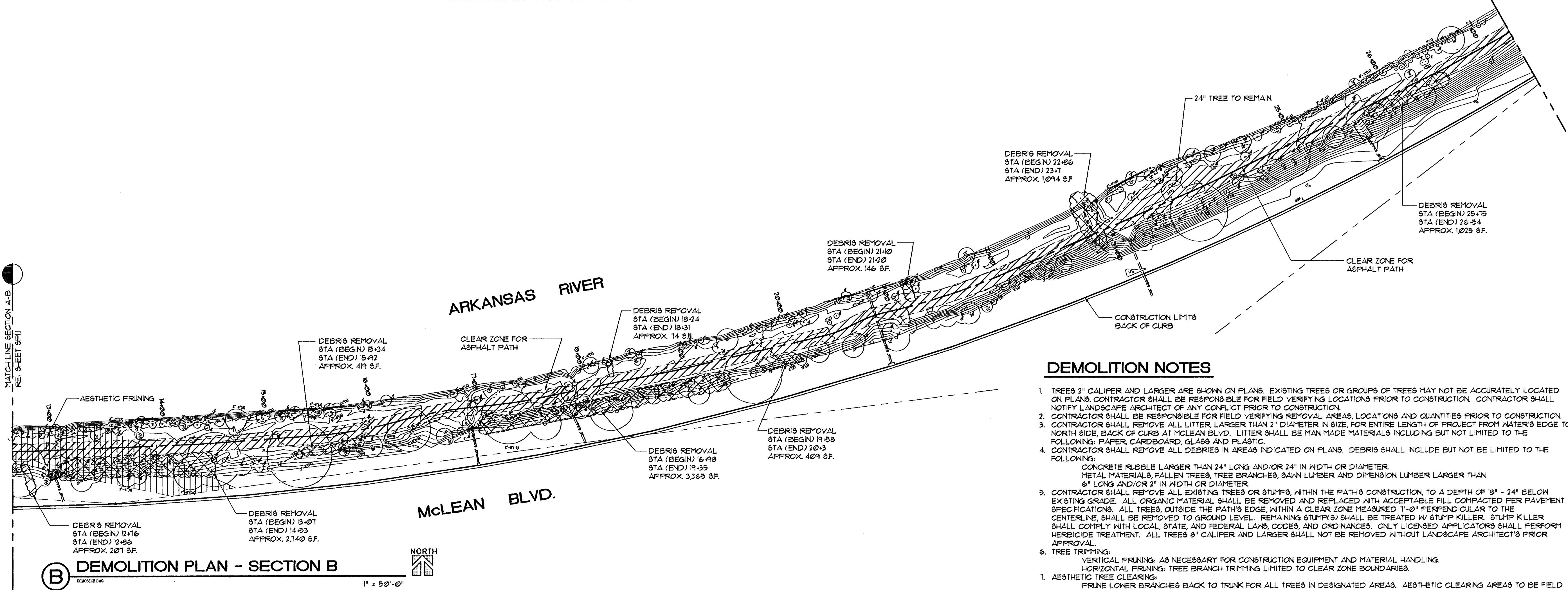
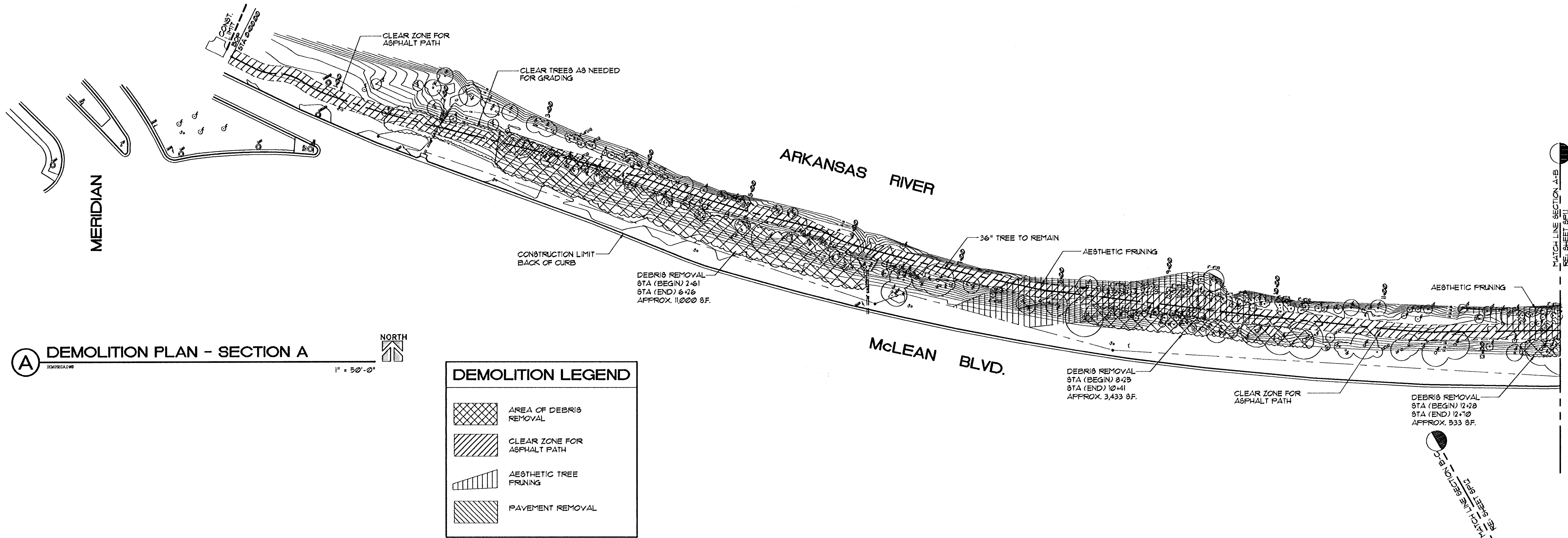
DRAWING INDEX

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COVER SHEET



DEMOLITION NOTES

- TREES 2" CALIPER AND LARGER ARE SHOWN ON PLANS. EXISTING TREES OR GROUPS OF TREES MAY NOT BE ACCURATELY LOCATED ON PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING LOCATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING REMOVAL AREAS, LOCATIONS AND QUANTITIES PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL REMOVE ALL LITTER LARGER THAN 2" DIAMETER IN SIZE, FOR ENTIRE LENGTH OF PROJECT FROM WATER'S EDGE TO NORTH SIDE, BACK OF CURB AT MCLEAN BLVD. LITTER SHALL BE MAN MADE MATERIALS INCLUDING BUT NOT LIMITED TO THE FOLLOWING: PAPER, CARDBOARD, GLASS AND PLASTIC.
- CONTRACTOR SHALL REMOVE ALL DEBRIS IN AREAS INDICATED ON PLANS. DEBRIS SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:
CONCRETE RUBBLE LARGER THAN 24" LONG AND/OR 24" IN WIDTH OR DIAMETER.
METAL MATERIALS, FALLEN TREES, TREE BRANCHES, SAWN LUMBER AND DIMENSION LUMBER LARGER THAN 6" LONG AND/OR 2" IN WIDTH OR DIAMETER.
- CONTRACTOR SHALL REMOVE ALL EXISTING TREES OR STUMPS, WITHIN THE PATH'S CONSTRUCTION, TO A DEPTH OF 18" - 24" BELOW EXISTING GRADE. ALL ORGANIC MATERIAL SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE FILL COMPACTED PER PAVEMENT SPECIFICATIONS. ALL TREES, OUTSIDE THE PATH'S EDGE, WITHIN A CLEAR ZONE MEASURED 1'-0" PERPENDICULAR TO THE CENTERLINE, SHALL BE REMOVED TO GROUND LEVEL. REMAINING STUMPS SHALL BE TREATED W/ STUMP KILLER. STUMP KILLER SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL LAWS, CODES, AND ORDINANCES. ONLY LICENSED APPLICATORS SHALL PERFORM HERBICIDE TREATMENT. ALL TREES 8" CALIPER AND LARGER SHALL NOT BE REMOVED WITHOUT LANDSCAPE ARCHITECT'S PRIOR APPROVAL.
- TREE TRIMMING:
VERTICAL PRUNING: AS NECESSARY FOR CONSTRUCTION EQUIPMENT AND MATERIAL HANDLING.
HORIZONTAL PRUNING: TREE BRANCH TRIMMING LIMITED TO CLEAR ZONE BOUNDARIES.
- AESTHETIC TREE CLEARING:
PRUNE LOWER BRANCHES BACK TO TRUNK FOR ALL TREES IN DESIGNATED AREAS. AESTHETIC CLEARING AREAS TO BE FIELD VERIFIED BY ARCHITECT PRIOR TO PRUNING.

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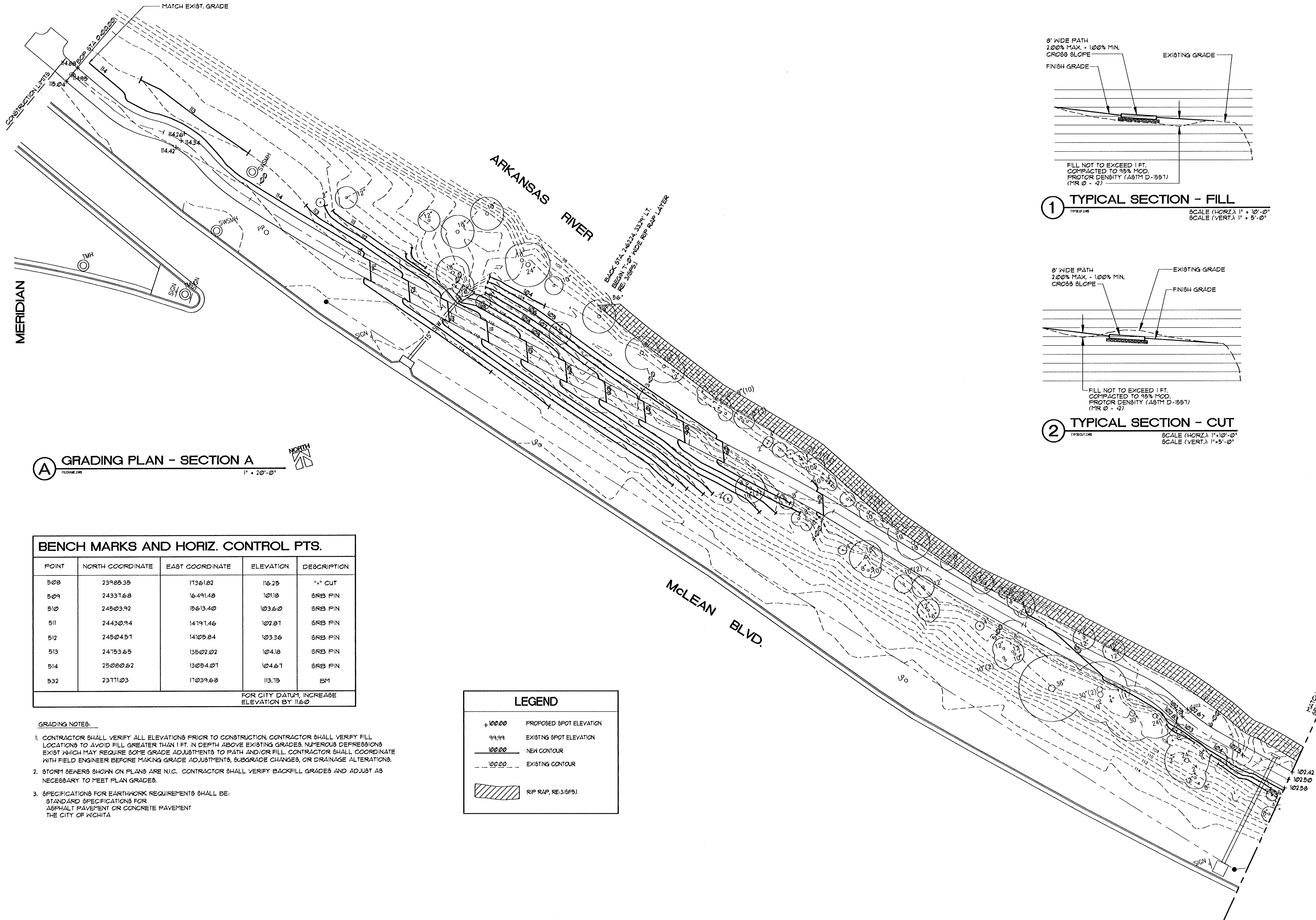
MCCLUGGAGE VAN SICKLE & PERRY

**RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS**

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1991
REVISED:

LANDSCAPE ARCHITECT
STEPHEN M. PERRY
153
WICHITA, KANSAS 67201

SHEET
SP.1.1
OF 21 SHEETS

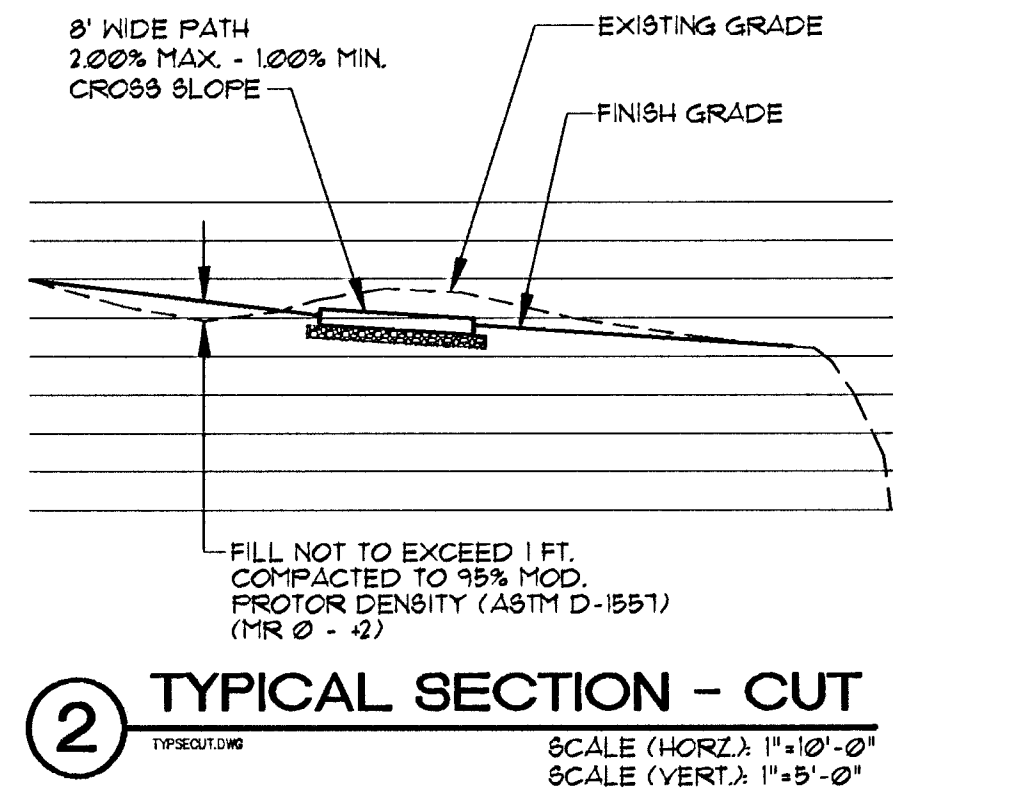
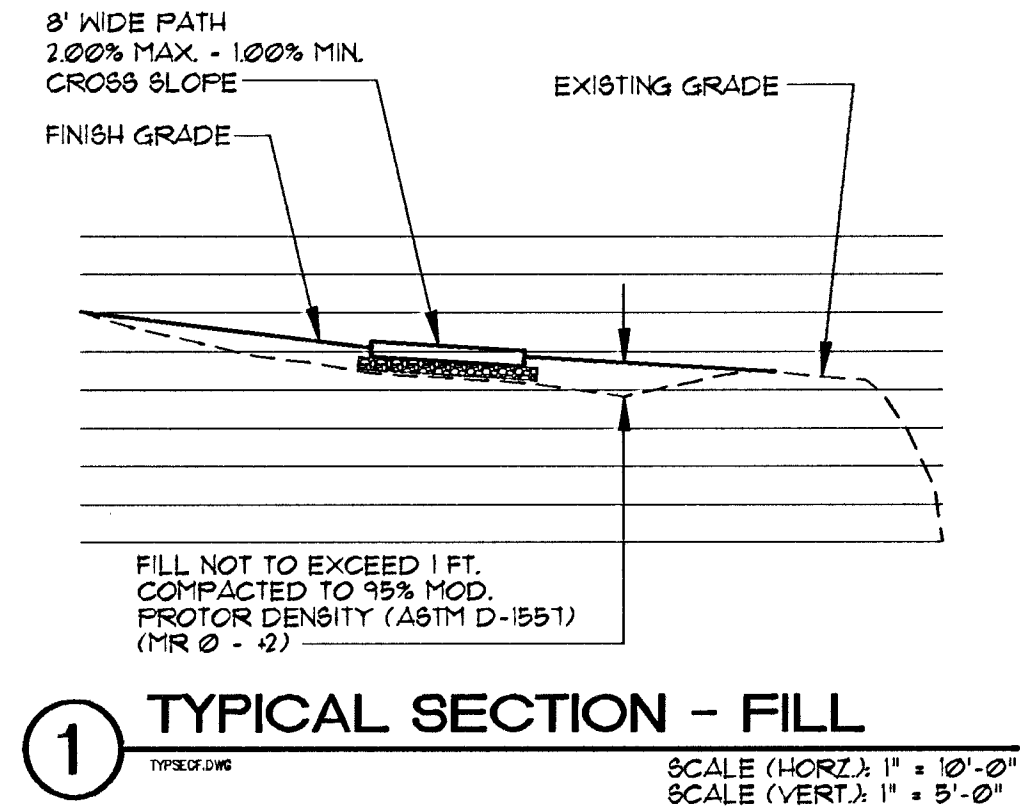


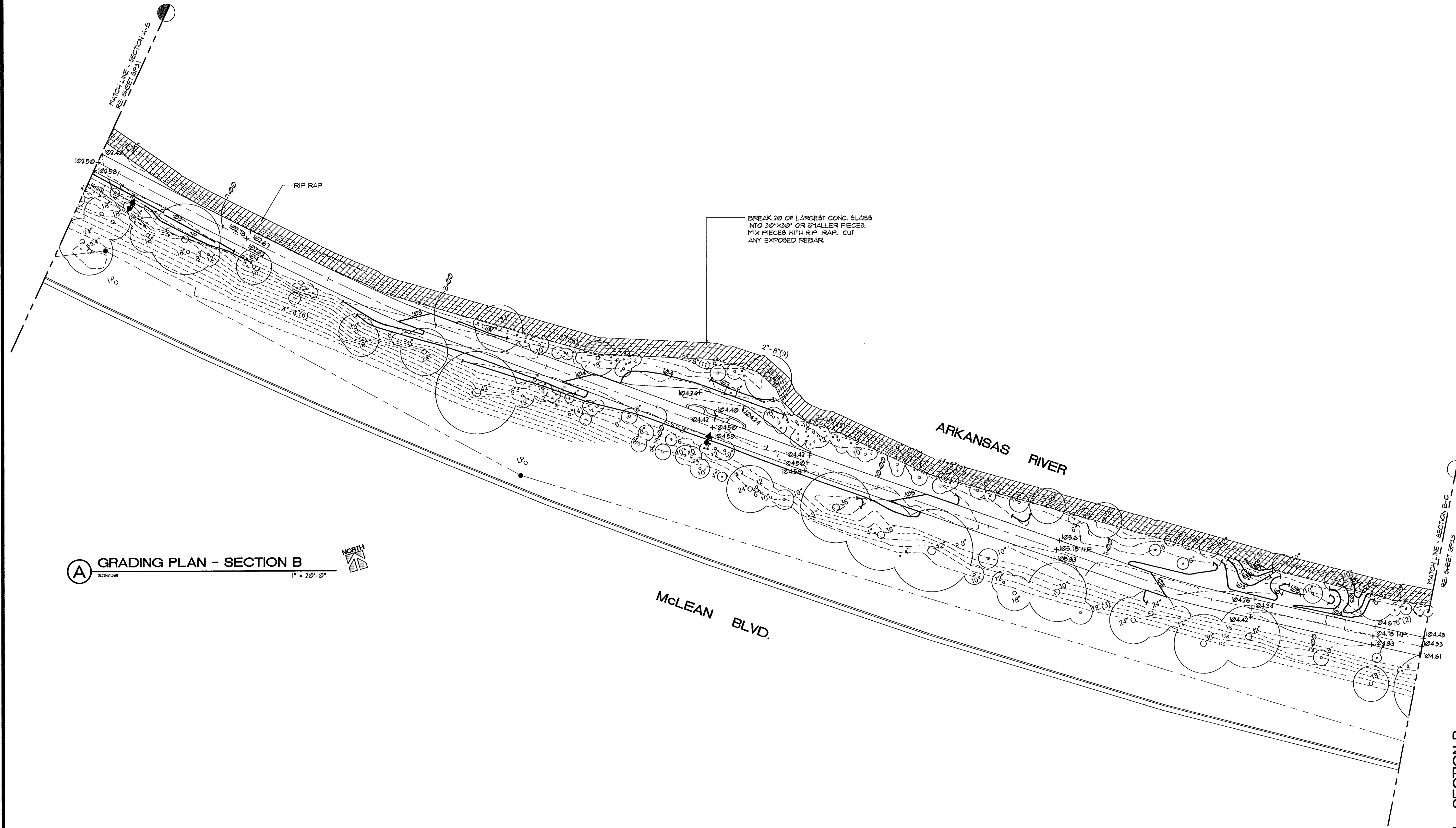
A GRADING PLAN - SECTION A
1" = 20'-0"

BENCH MARKS AND HORIZ. CONTROL PTS.				
POINT	NORTH COORDINATE	EAST COORDINATE	ELEVATION	DESCRIPTION
508	23985.35	17361.82	116.25	"A" CUT
509	24331.68	16491.48	101.18	SUB PIN
510	24503.92	15613.40	103.60	SUB PIN
511	24430.94	14791.46	102.81	SUB PIN
512	24504.51	14105.84	103.36	SUB PIN
513	24753.65	13502.02	104.18	SUB PIN
514	25080.62	13054.01	104.61	SUB PIN
532	23111.03	17039.68	113.75	BM
FOR CITY DATUM, INCREASE ELEVATION BY 116.0				

- GRADING NOTES:**
- CONTRACTOR SHALL VERIFY ALL ELEVATIONS PRIOR TO CONSTRUCTION. CONTRACTOR SHALL VERIFY FILL LOCATIONS TO AVOID FILL GREATER THAN 1 FT. IN DEPTH ABOVE EXISTING GRADES. NUMEROUS DEPRESSIONS EXIST WHICH MAY REQUIRE SOME GRADE ADJUSTMENTS TO PATH AND/OR FILL. CONTRACTOR SHALL COORDINATE WITH FIELD ENGINEER BEFORE MAKING GRADE ADJUSTMENTS, SUBGRADE CHANGES, OR DRAINAGE ALTERATIONS.
 - STORM SEWERS SHOWN ON PLANS ARE N.C. CONTRACTOR SHALL VERIFY BACKFILL GRADES AND ADJUST AS NECESSARY TO MEET PLAN GRADES.
 - SPECIFICATIONS FOR EARTHWORK REQUIREMENTS SHALL BE: STANDARD SPECIFICATIONS FOR ASPHALT PAVEMENT OR CONCRETE PAVEMENT THE CITY OF WICHITA

LEGEND	
+100.00	PROPOSED SPOT ELEVATION
99.99	EXISTING SPOT ELEVATION
100.00	NEW CONTOUR
100.00	EXISTING CONTOUR
	RIP RAP, RE-3/5FSJ





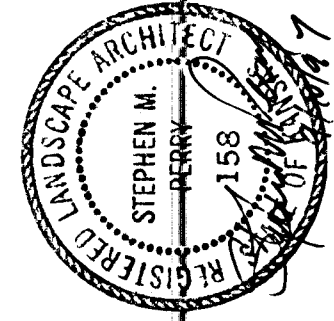
GRADING PLAN - SECTION B

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REVISED:

SHEET

SP3.2

OF 27 SHEETS

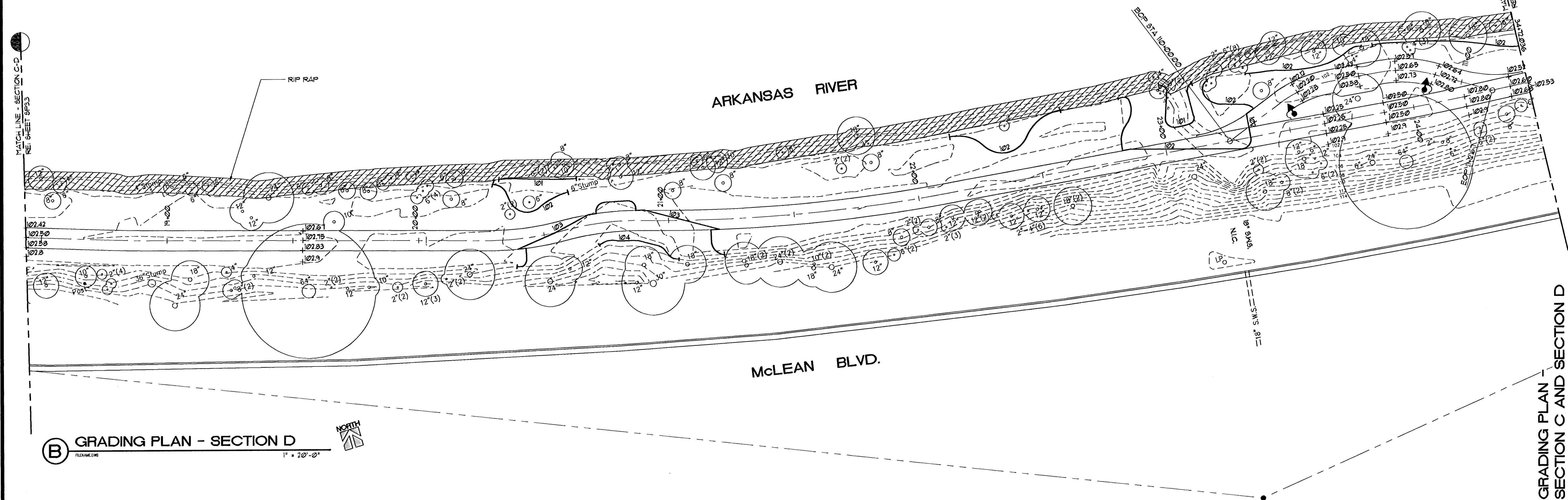
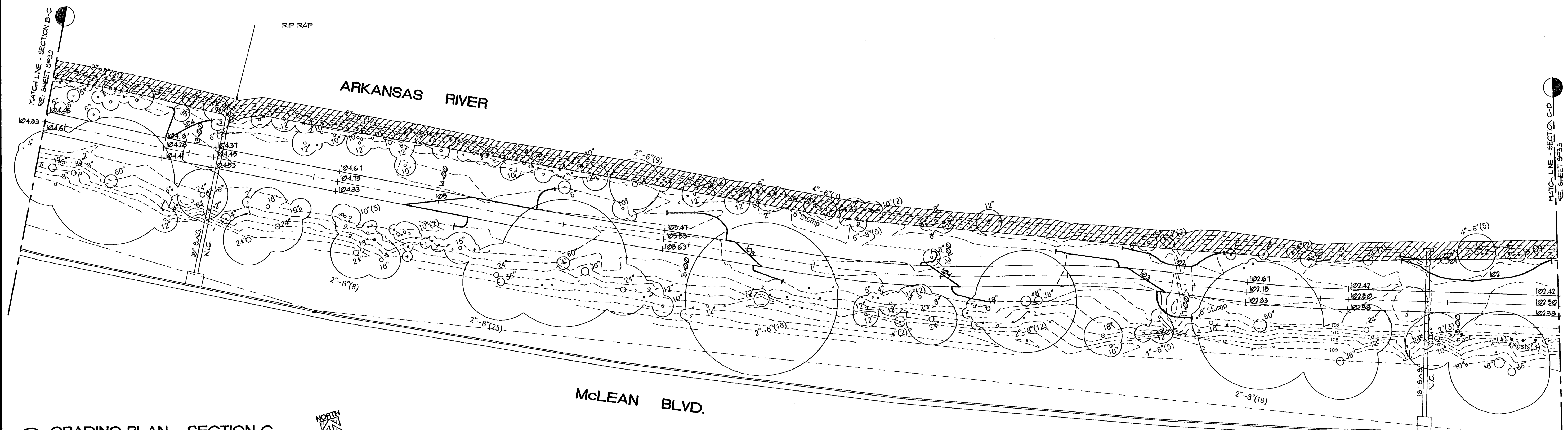


**RIVERBANK IMPROVEMENTS
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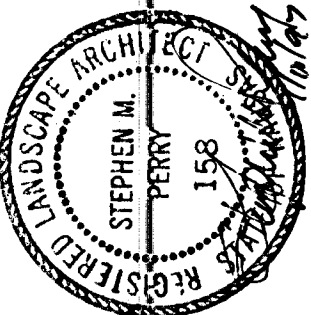
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**RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS**

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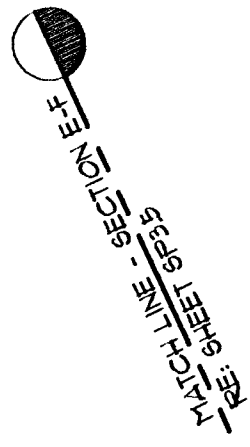
SEPTEMBER 10, 1997

DATE:

SHEET

SP3.3

OF 27 SHEETS



SHEET

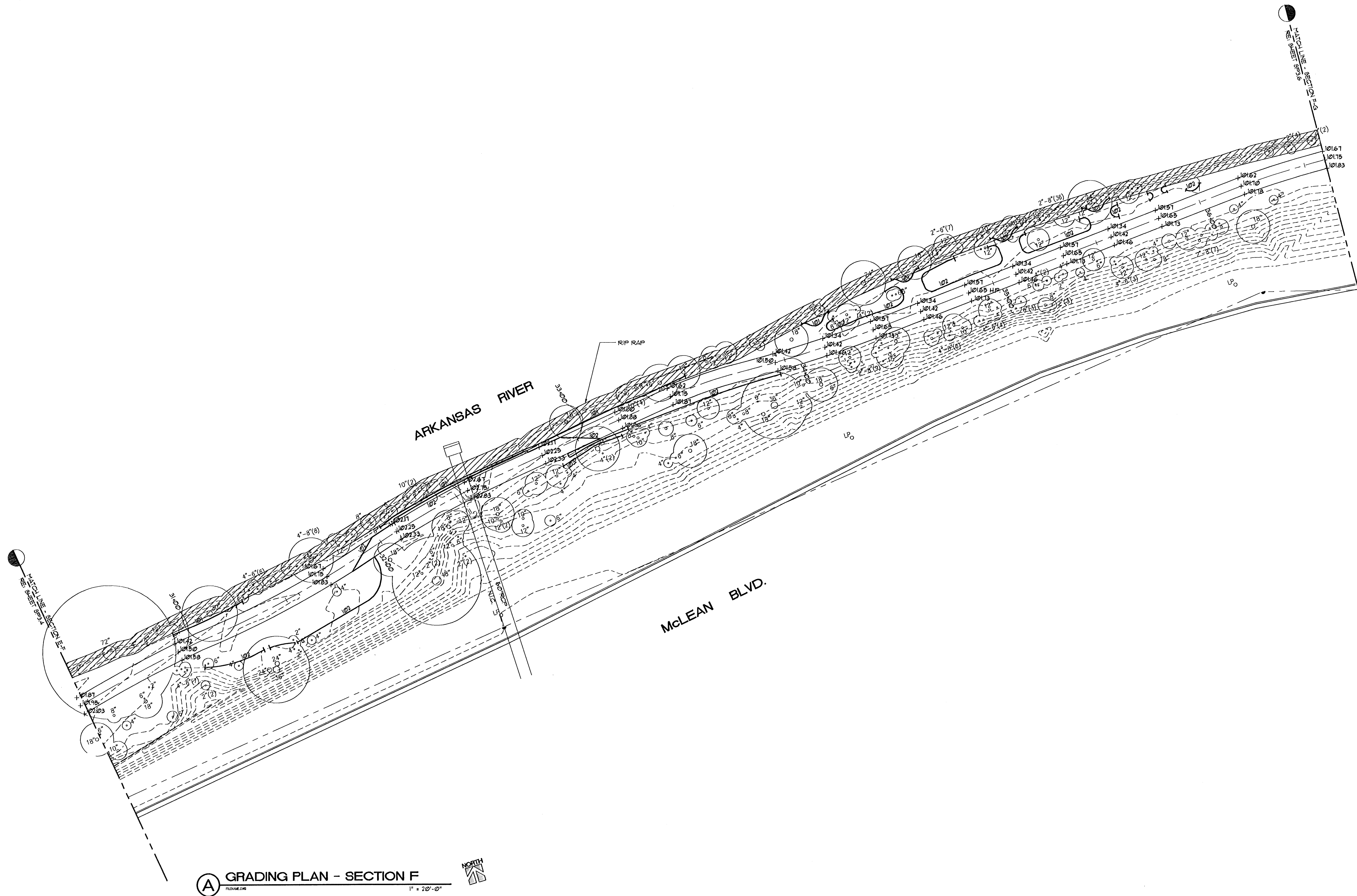
SP3.4

OF 21 SHEETS

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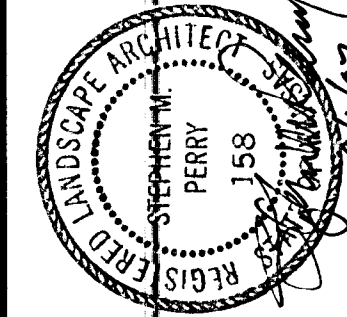
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9442\MCLEAN2.TITLE
1/8" = 1'-0"



GRADING PLAN - SECTION F

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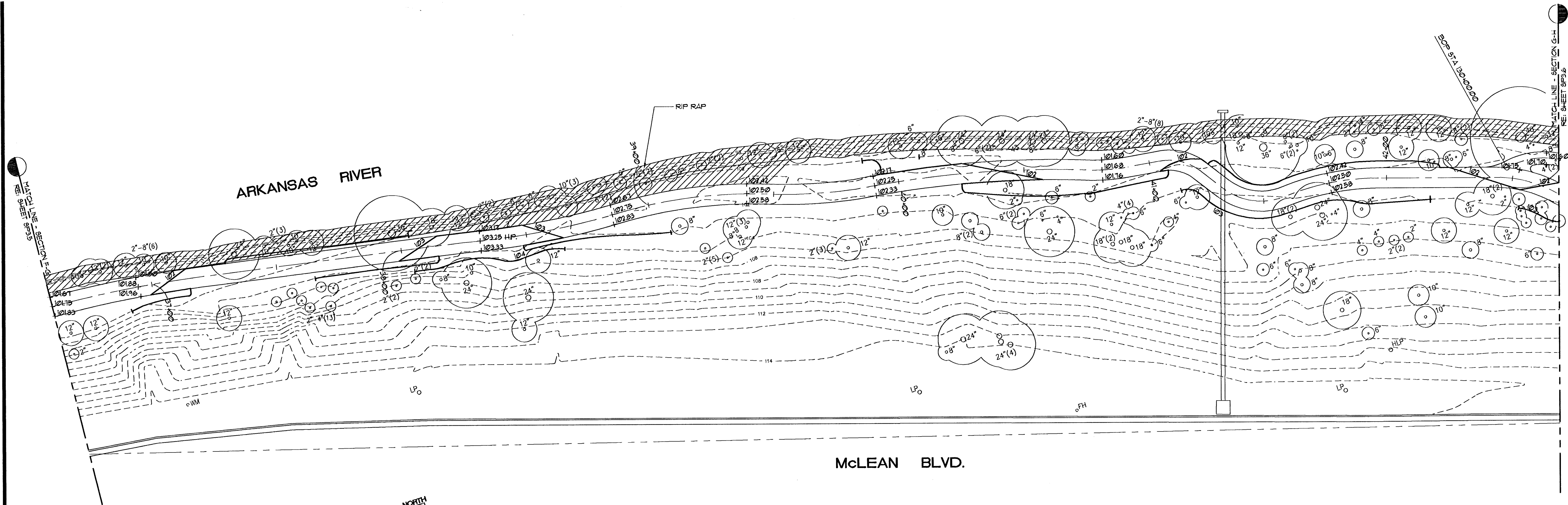


SHEET
SP3.5
OF 21 SHEETS

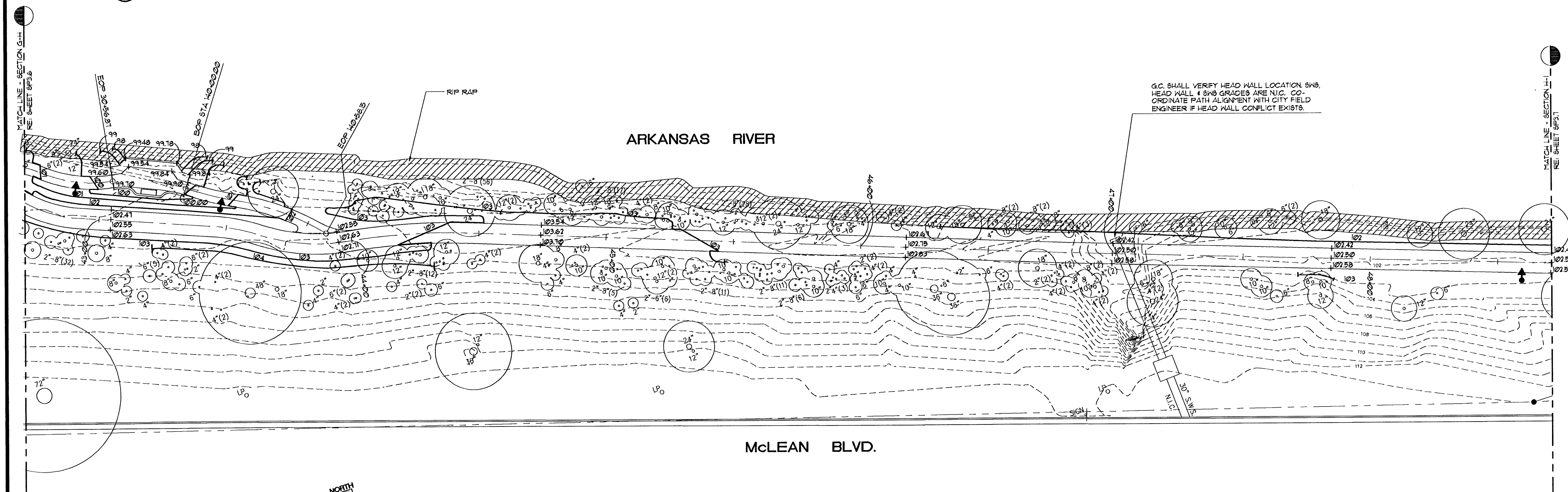
RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS

ARCHITECTS - PLANNERS - LANDSCAPE ARCHITECTS
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TEL 363-5446 FAX 363-5446

9442\MCLEAN2\TITLE
1/8" = 1'-0"



A GRADING PLAN - SECTION G
1" = 20'-0"



B GRADING PLAN - SECTION H
1" = 20'-0"

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McCLUGGAGE VAN SICKLE & PERRY

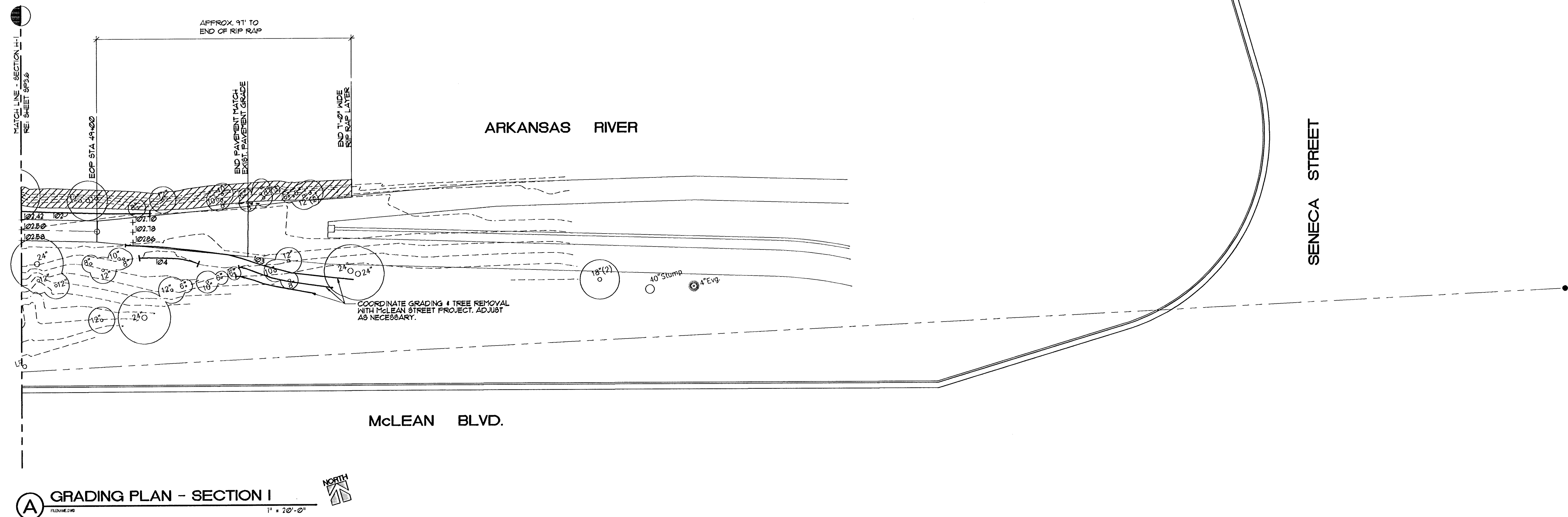
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WICHITA, KANSAS**

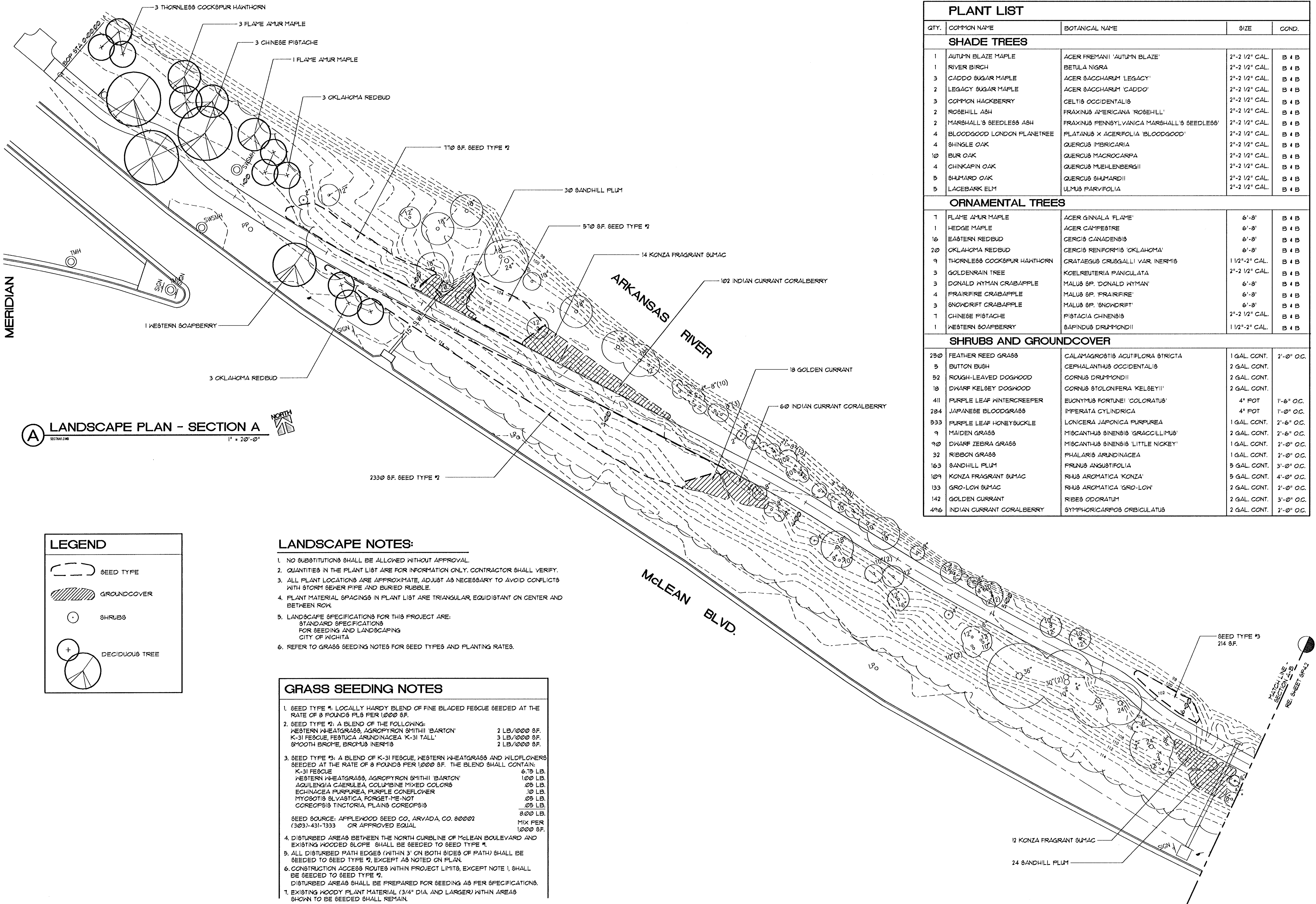
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REGISTERED LANDSCAPE ARCHITECT
STEPHEN M. PERRY
152
KANSAS

SHEET
SP3.6
OF 21 SHEETS

GRADING PLAN - SECTION G AND SECTION H





PLANT LIST				
QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
SHADE TREES				
1	AUTUMN BLAZE MAPLE	ACER FREMANII 'AUTUMN BLAZE'	2"-2 1/2" CAL.	B + B
1	RIVER BIRCH	BETULA NIGRA	2"-2 1/2" CAL.	B + B
3	CADDO SUGAR MAPLE	ACER SACCHARUM 'LEGACY'	2"-2 1/2" CAL.	B + B
2	LEGACY SUGAR MAPLE	ACER SACCHARUM 'CADDO'	2"-2 1/2" CAL.	B + B
3	COMMON HACKBERRY	CELTIS OCCIDENTALIS	2"-2 1/2" CAL.	B + B
2	ROSEHILL ASH	FRAXINUS AMERICANA 'ROSEHILL'	2"-2 1/2" CAL.	B + B
2	MARSHALL'S SEEDLESS ASH	FRAXINUS PENNSYLVANICA MARSHALL'S SEEDLESS'	2"-2 1/2" CAL.	B + B
4	BLOODGOOD LONDON PLANETREE	PLATANUS X ACERIFOLIA 'BLOODGOOD'	2"-2 1/2" CAL.	B + B
4	SHINGLE OAK	QUERCUS IMBRICARIA	2"-2 1/2" CAL.	B + B
10	BUR OAK	QUERCUS MACROCARPA	2"-2 1/2" CAL.	B + B
4	CHINKAPIN OAK	QUERCUS MUEHLENBERGII	2"-2 1/2" CAL.	B + B
5	SHUMARD OAK	QUERCUS SHUMARDII	2"-2 1/2" CAL.	B + B
5	LACEBARK ELM	ULMUS PARVIFOLIA	2"-2 1/2" CAL.	B + B
ORNAMENTAL TREES				
1	FLAME AMUR MAPLE	ACER GINNALA 'FLAME'	6'-8'	B + B
1	HEDGE MAPLE	ACER CAMPESTRE	6'-8'	B + B
16	EASTERN REDBUD	CERCIS CANADENSIS	6'-8'	B + B
20	OKLAHOMA REDBUD	CERCIS RENIFORMIS 'OKLAHOMA'	6'-8'	B + B
9	THORNLESS COCKSPUR HAWTHORN	CRATAEGUS CRUGGALLI VAR. INERMIS	1 1/2"-2" CAL.	B + B
3	GOLDENRAIN TREE	KOELREUTERIA PANICULATA	2"-2 1/2" CAL.	B + B
3	DONALD WYMAN CRABAPPLE	MALUS SP. DONALD WYMAN'	6'-8'	B + B
4	FRAIRIFIRE CRABAPPLE	MALUS SP. FRAIRIFIRE'	6'-8'	B + B
3	SNOWDRIFT CRABAPPLE	MALUS SP. SNOWDRIFT'	6'-8'	B + B
1	CHINESE PISTACHE	PISTACIA CHINENSIS	2"-2 1/2" CAL.	B + B
1	WESTERN SOAPBERRY	SAPINDUS DRUMMONDII	1 1/2"-2" CAL.	B + B
SHRUBS AND GROUNDCOVER				
250	FEATHER REED GRASS	CALAMAGROSTIS ACUTIFLORA STRICTA	1 GAL. CONT.	2'-0" O.C.
5	BUTTON BUSH	CEPHALANTHUS OCCIDENTALIS	2 GAL. CONT.	
52	ROUGH-LEAVED DOGWOOD	CORNUS DRUMMONDII	2 GAL. CONT.	
18	DWARF KELSEY DOGWOOD	CORNUS STOLONIFERA 'KELSEYII'	2 GAL. CONT.	
411	PURPLE LEAF WINTERCREEPER	EUONYMUS FORTUNEI 'COLORATUS'	4" POT	1'-6" O.C.
284	JAPANESE BLOODGRASS	IMPERATA CYLINDRICA	4" POT	1'-0" O.C.
533	PURPLE LEAF HONEYSUCKLE	LONICERA JAPONICA PURPUREA	1 GAL. CONT.	2'-6" O.C.
9	MAIDEN GRASS	MISCANTHUS SINENSIS 'GRACILLIMUS'	2 GAL. CONT.	2'-6" O.C.
90	DWARF ZEBRA GRASS	MISCANTHUS SINENSIS 'LITTLE NICKY'	1 GAL. CONT.	2'-0" O.C.
32	RIBBON GRASS	PHALARIS ARUNDINACEA	1 GAL. CONT.	2'-0" O.C.
163	SANDHILL FLUM	FRUNUS ANGUSTIFOLIA	5 GAL. CONT.	3'-0" O.C.
109	KONZA FRAGRANT SUMAC	RHUS AROMATICA 'KONZA'	5 GAL. CONT.	4'-0" O.C.
133	GRO-LOW SUMAC	RHUS AROMATICA 'GRO-LOW'	2 GAL. CONT.	2'-0" O.C.
142	GOLDEN CURRANT	RIBES ODORATUM	2 GAL. CONT.	3'-0" O.C.
496	INDIAN CURRANT CORALBERRY	SYMPHORICARPOS ORBICULATUS	2 GAL. CONT.	2'-0" O.C.

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125 S. WASHINGTON WICHITA, KANSAS 67202
TEL: 360-244-1100 FAX: 360-244-1101

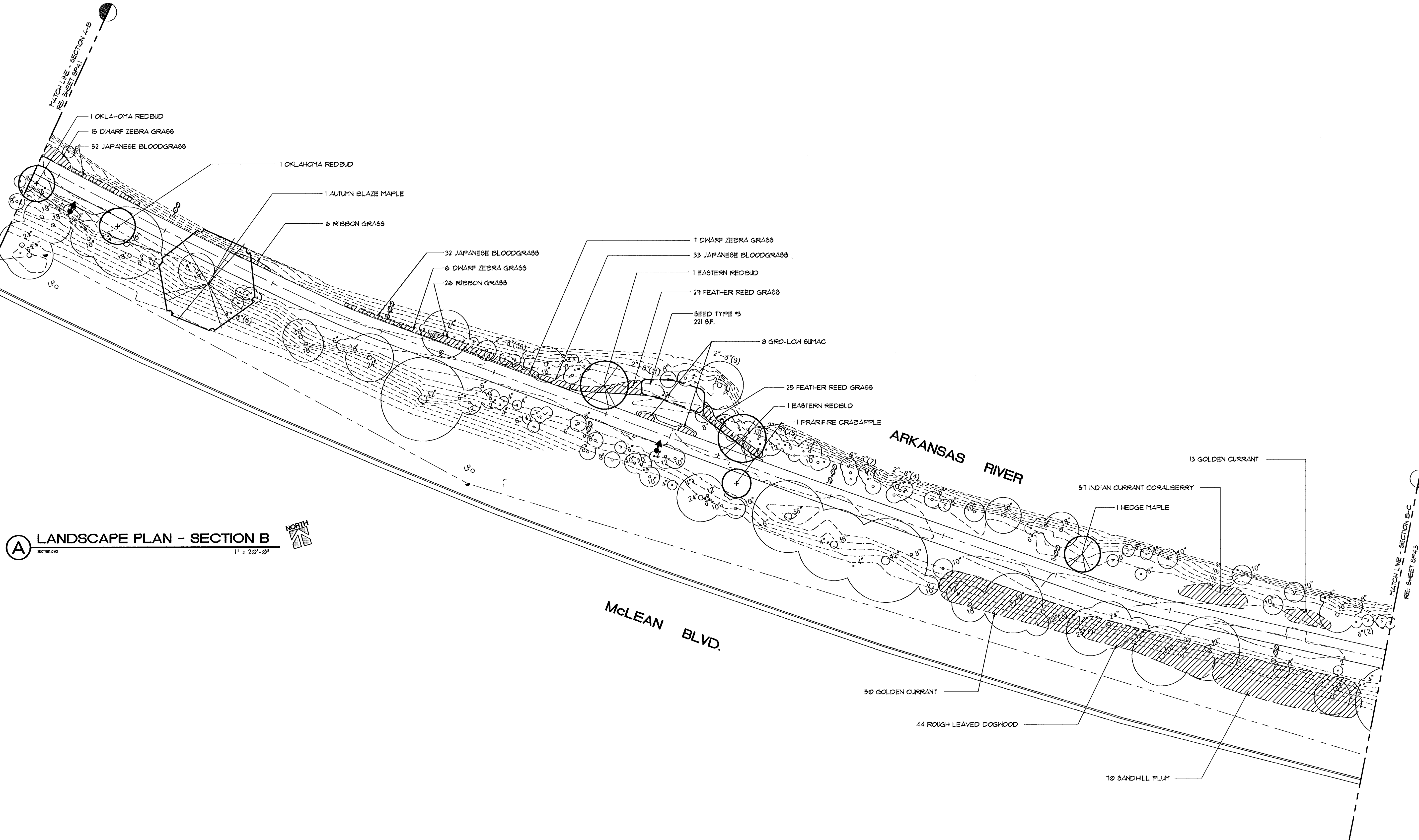
MCCLUGGAGE VAN SICKLE & PERY

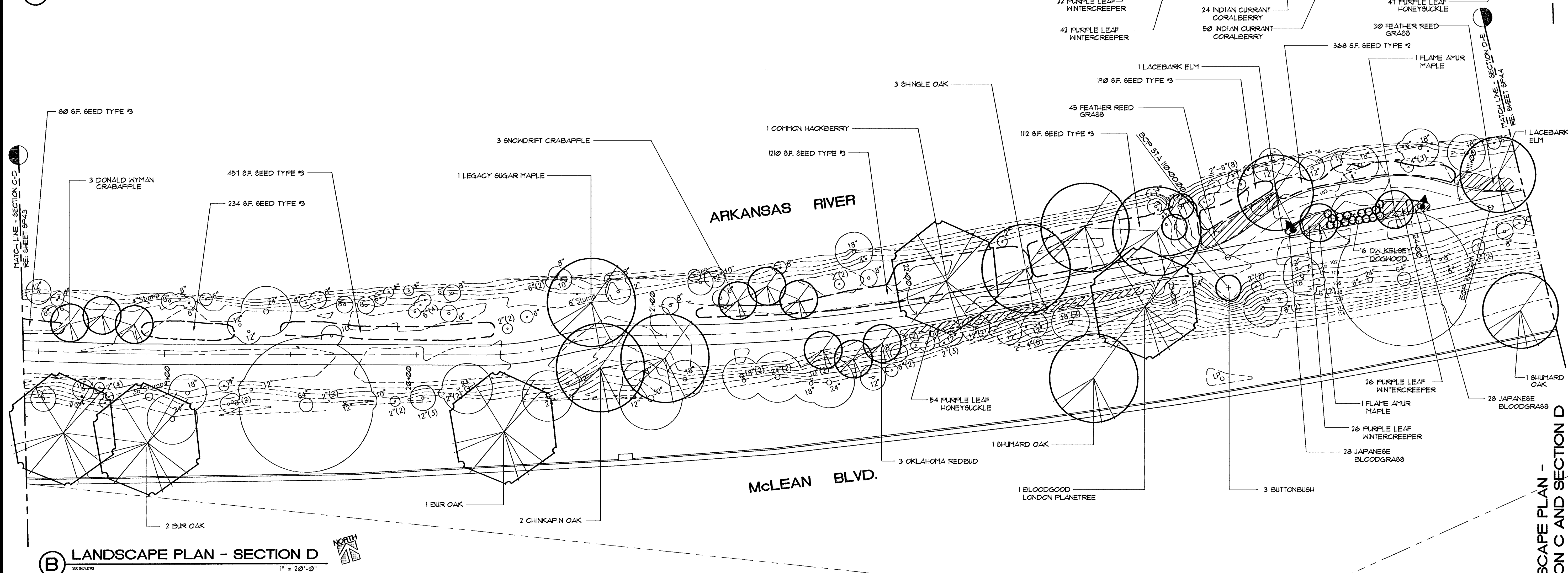
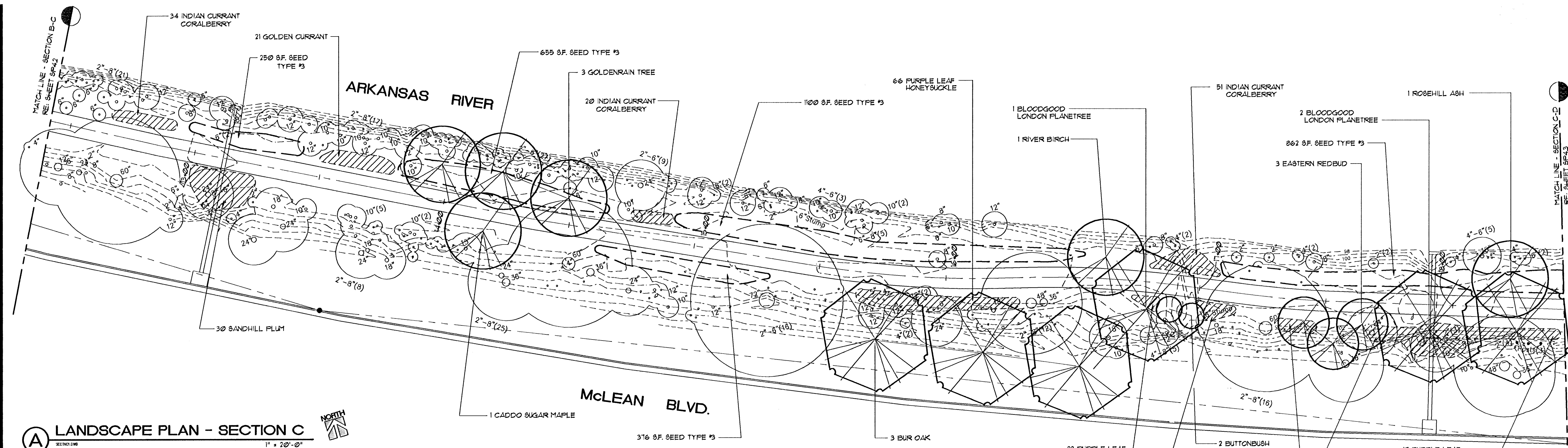
RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REVISED:

SHEET
SP4.1
OF 27 SHEETS

9442\MCLEAN2\TITLE
1/8" = 1'-0"





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121 S. WASHINGTON, WICHITA, KANSAS 67202
TEL: 316/261-1234 FAX: 316/261-1234
WWW.MCCUAGGAGEVAN SICKLE.COM



MCCUAGGAGE VAN SICKLE & PERRY

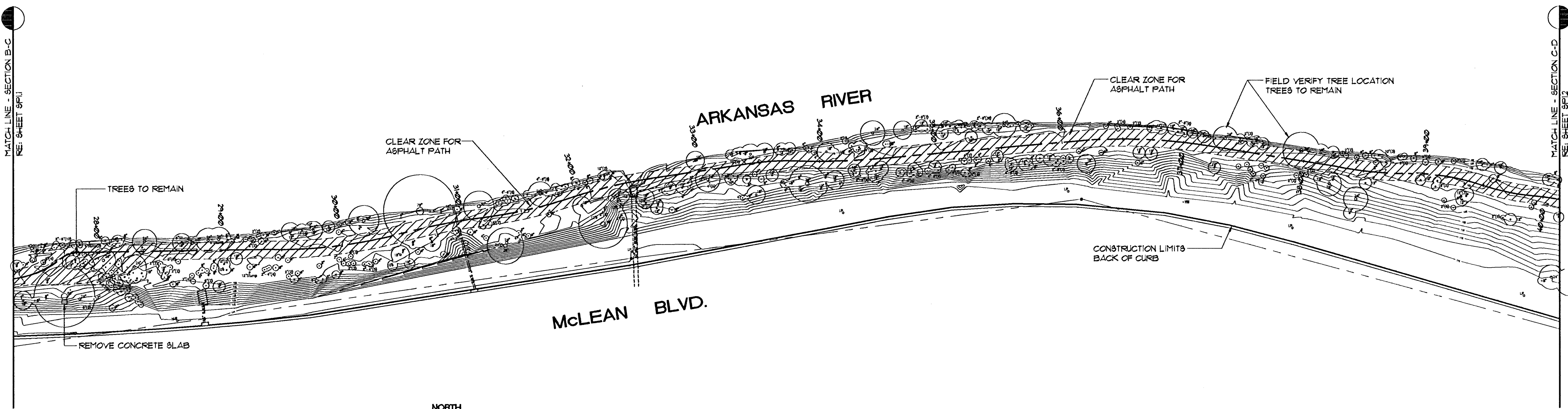
**RIVERBANK IMPROVEMENTS
MERIDIAN-TO-SENECA
WICHITA, KANSAS**

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REVISED:

SHEET

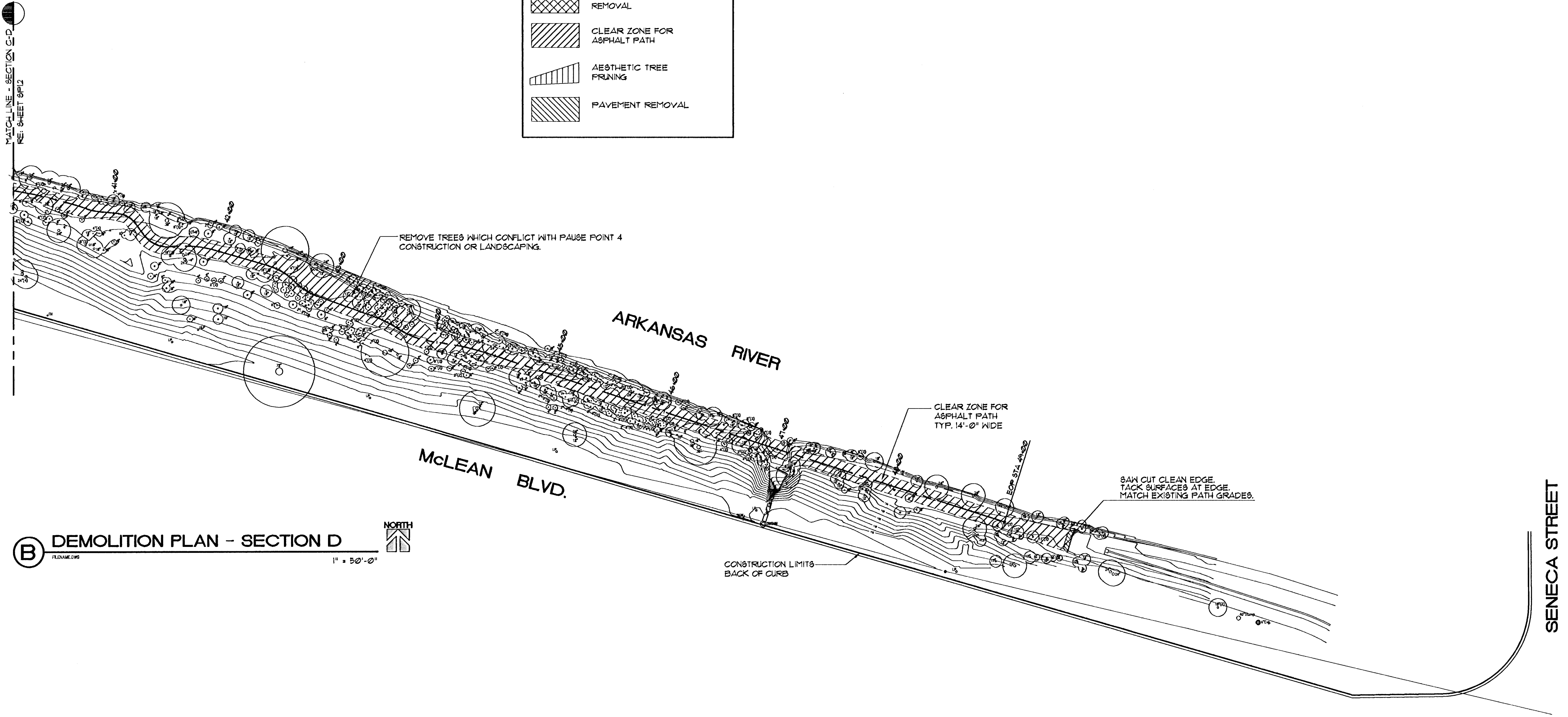
SP4.3

OF 27 SHEETS



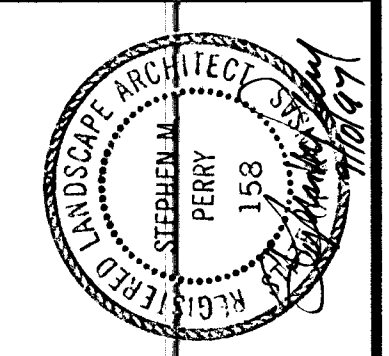
A DEMOLITION PLAN - SECTION C
1" = 50'-0"

DEMOLITION LEGEND	
	AREA OF DEBRIS REMOVAL
	CLEAR ZONE FOR ASPHALT PATH
	AESTHETIC TREE FRUNING
	PAVEMENT REMOVAL



B DEMOLITION PLAN - SECTION D
1" = 50'-0"

DEMOLITION PLANS - SECTION C AND SECTION D

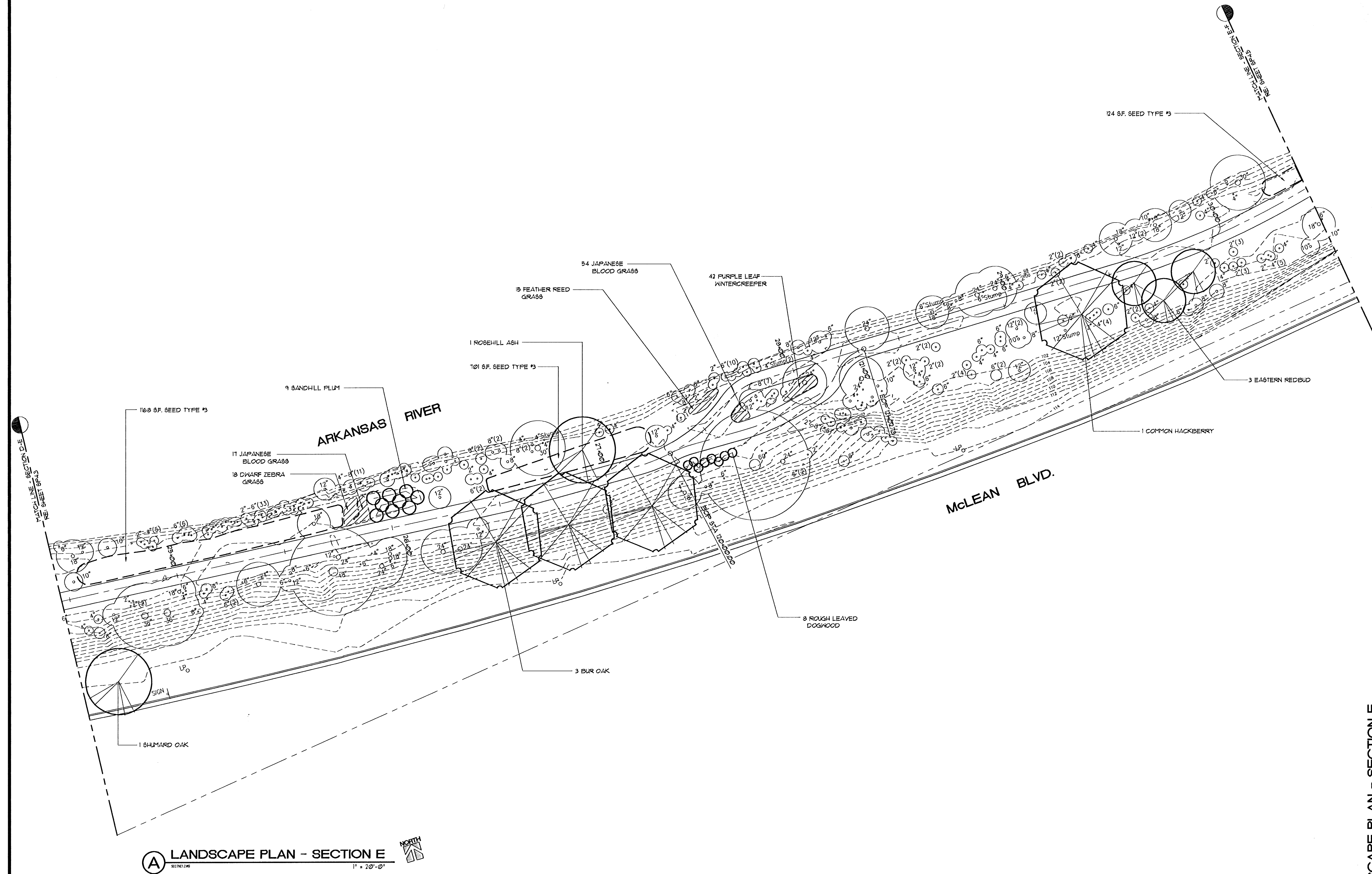


PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REVISED:

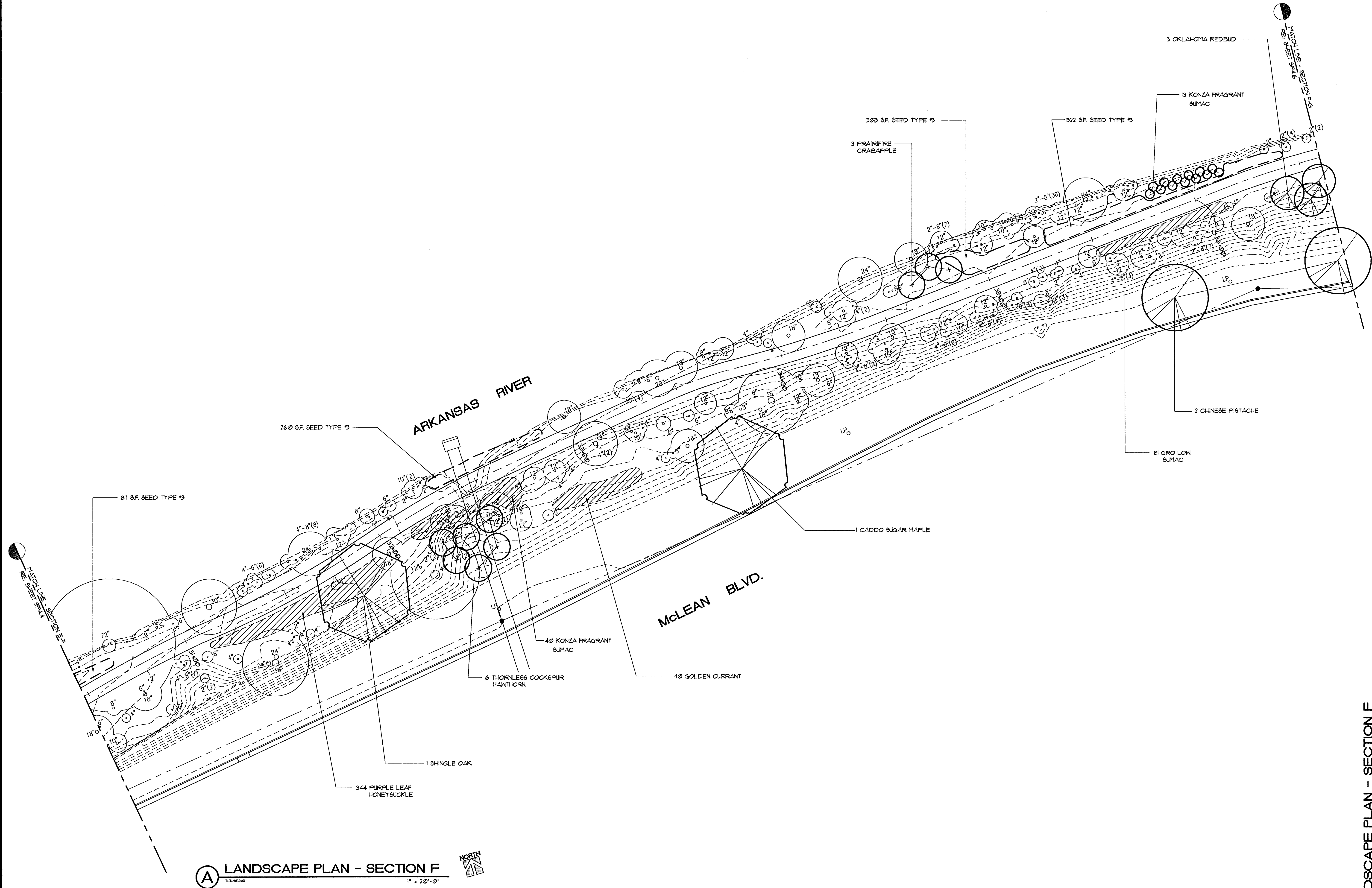
SHEET
SP1.2
OF 21 SHEETS

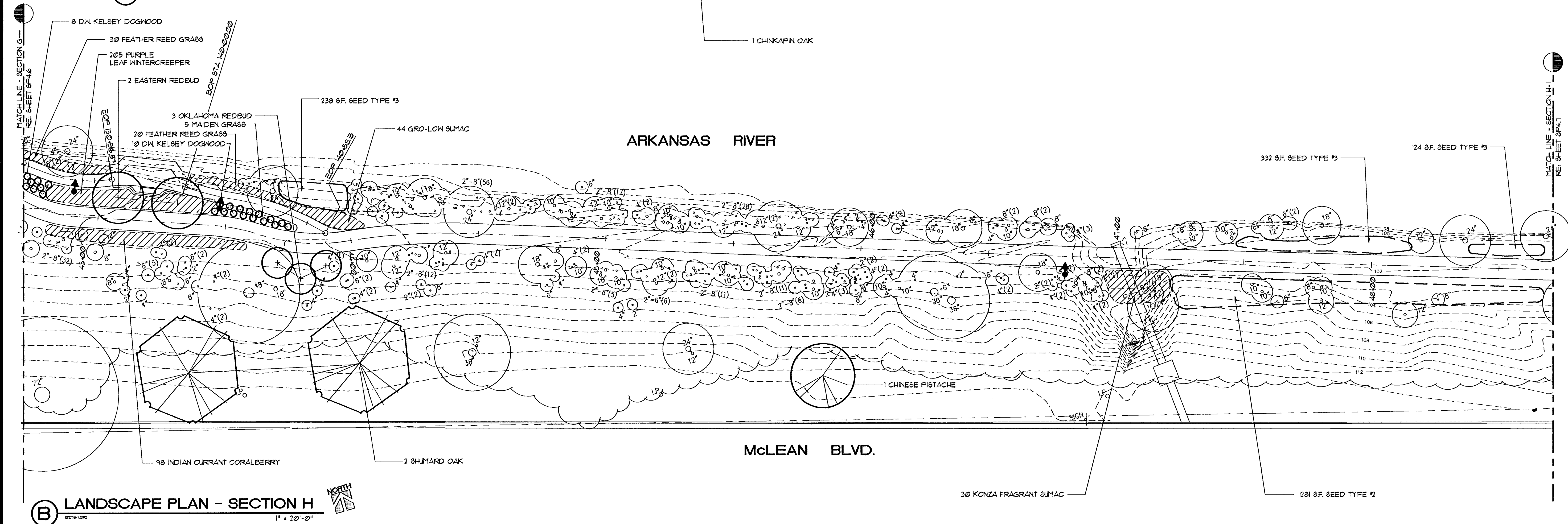
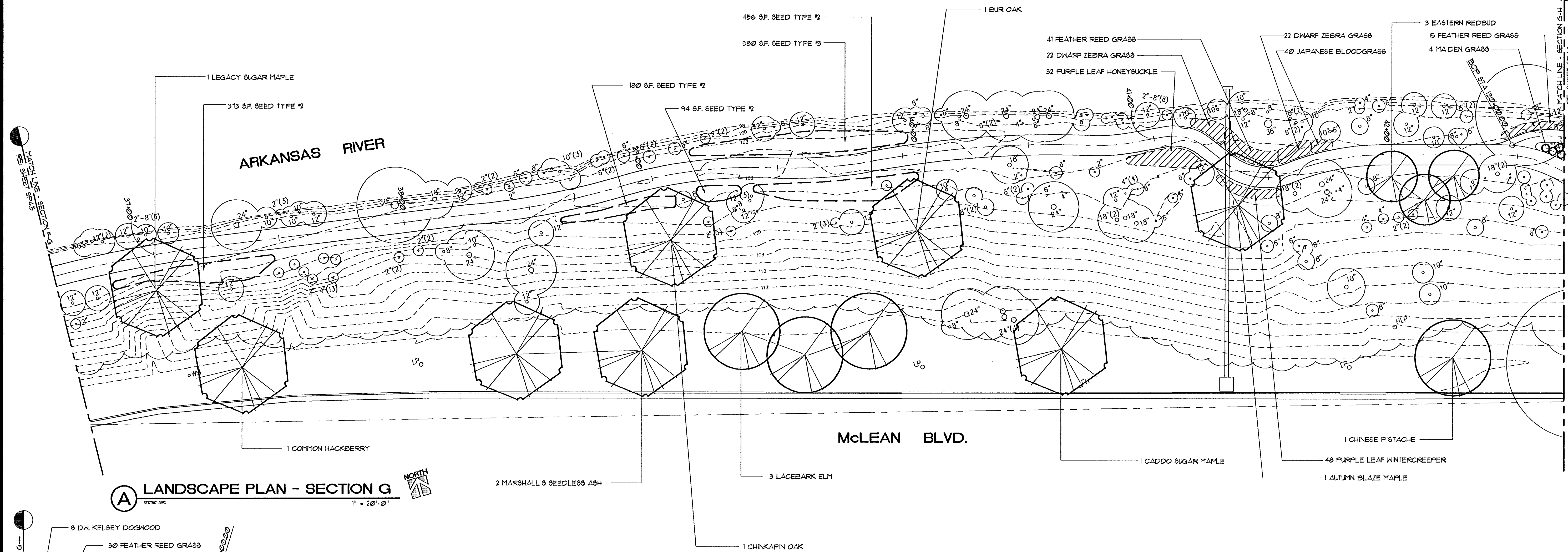
RIVERBANK IMPROVEMENTS
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WICHITA, KANSAS

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125 S. WASHINGTON WICHITA, KANSAS 67202
TEL 360-2346 FAX 360-2346
MCCUIGGAGE VAN SICKLE & PERRY



9442\MCLEAN2.TITLE
1/8" = 1'-0"

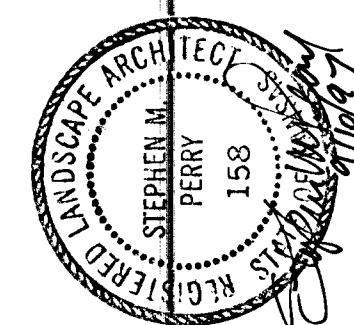




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P.O. BOX 3648 WICHITA, KANSAS 67201

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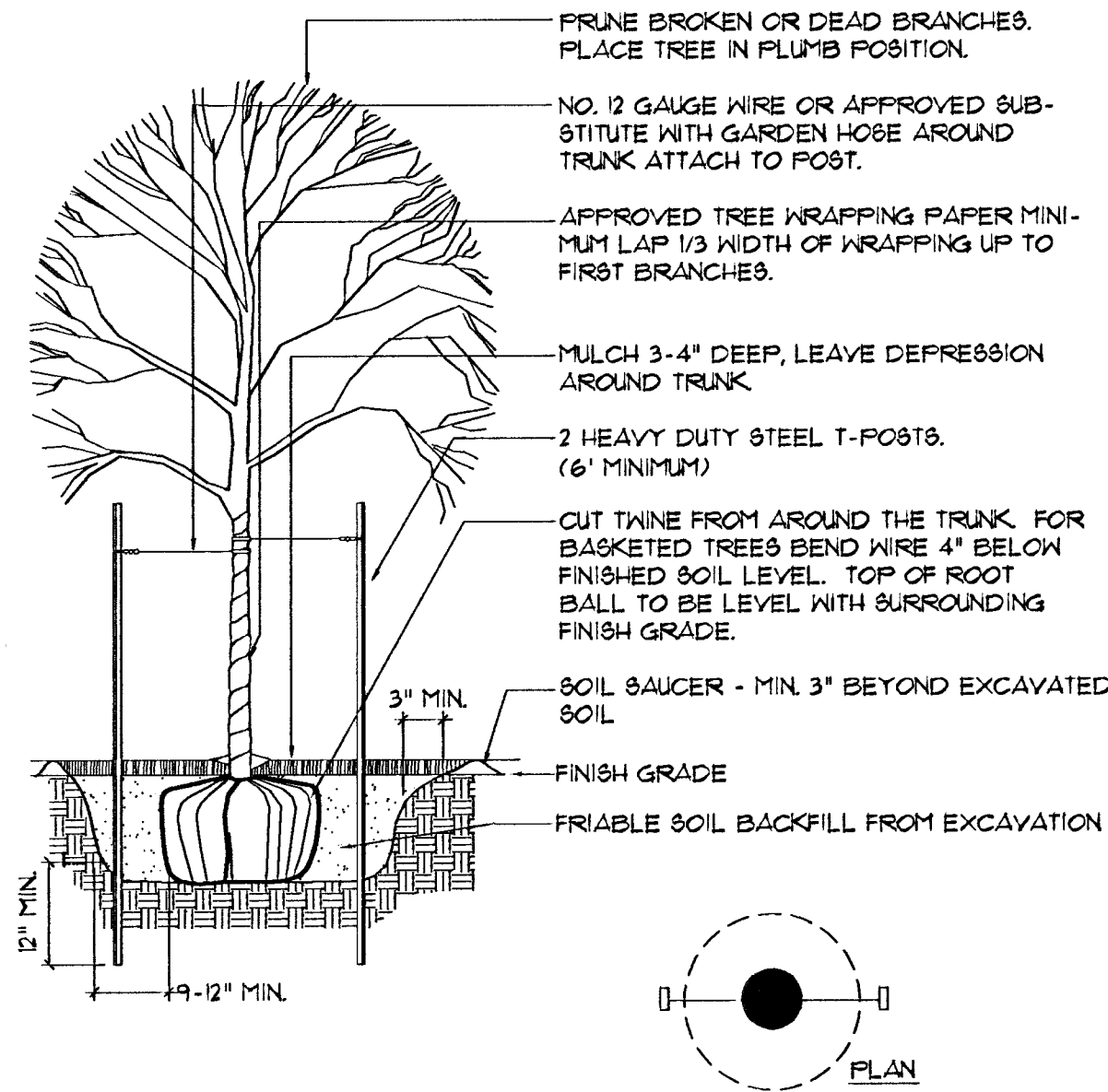


PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REVISED:

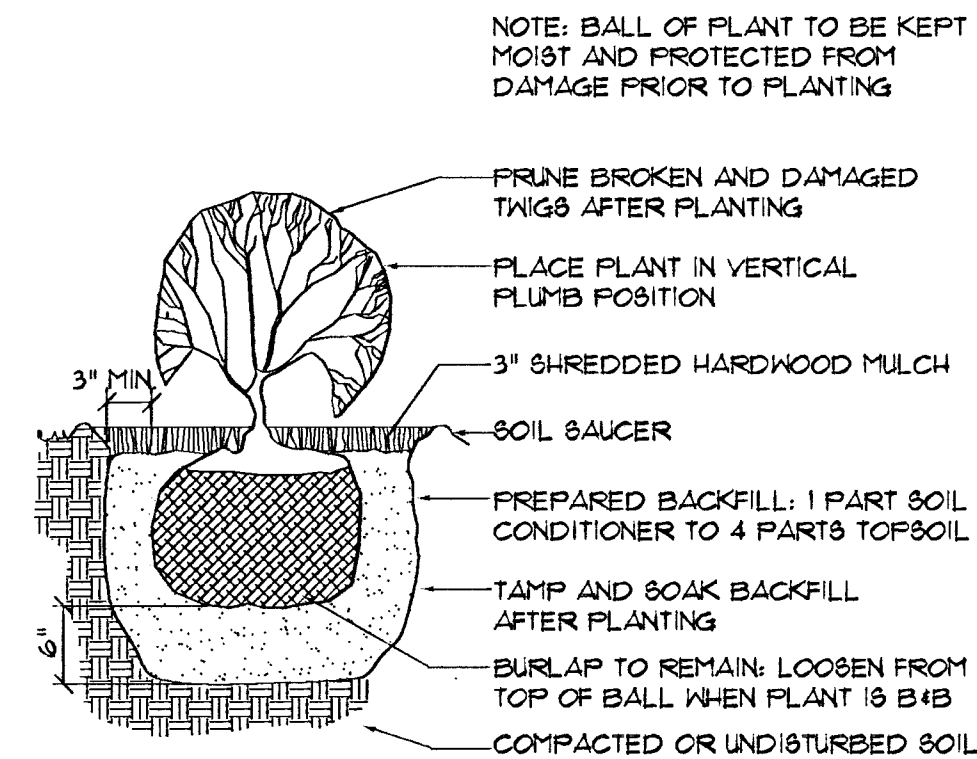
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SP4.6

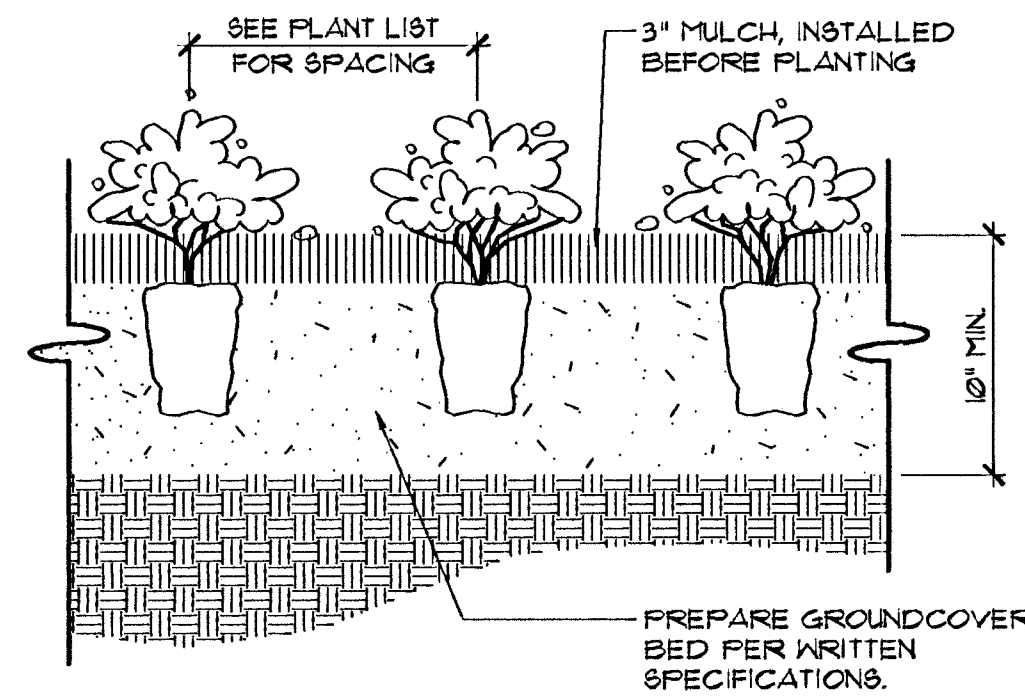
OF 27 SHEETS



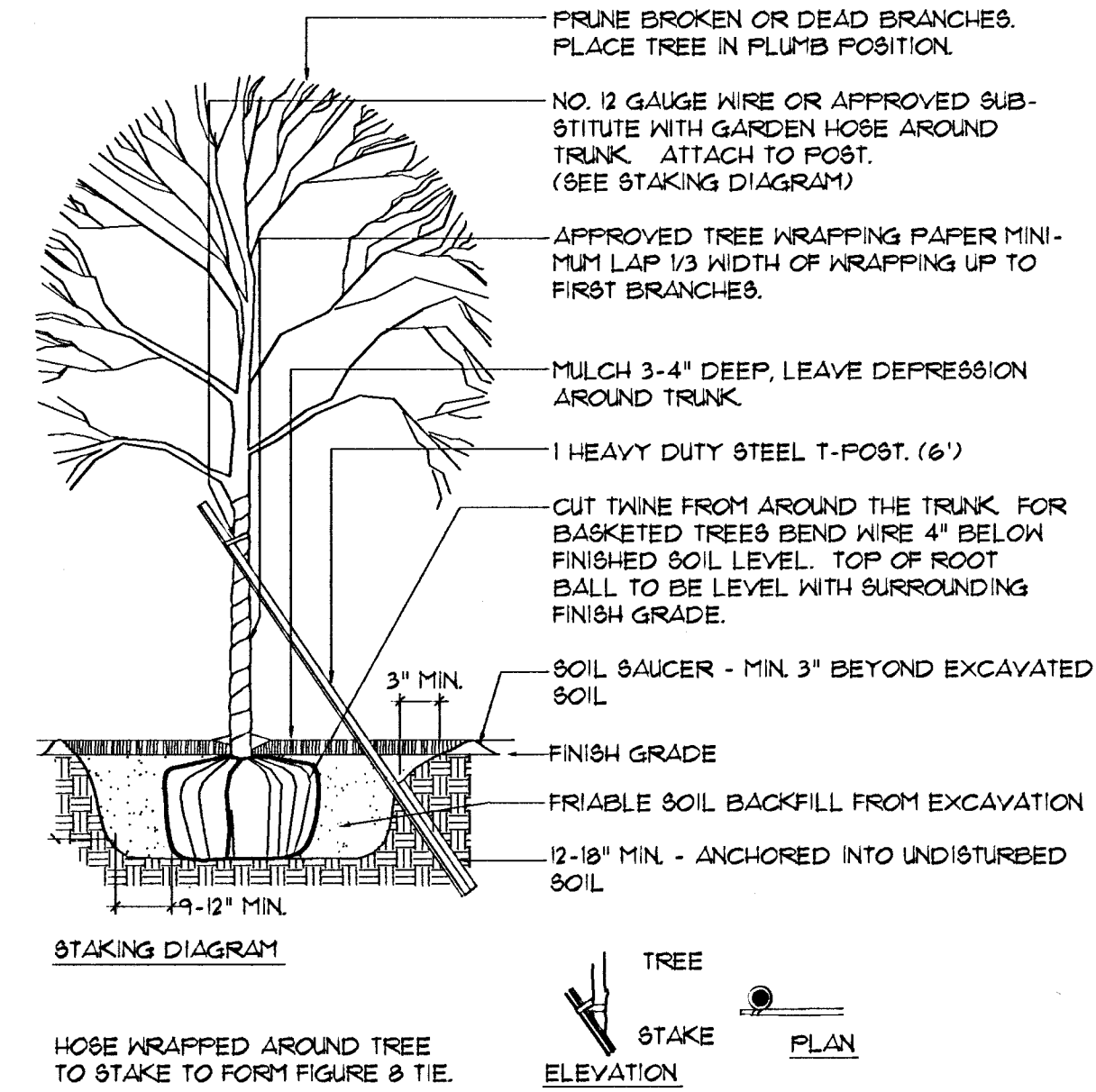
1 DECIDUOUS TREES: 2' CALIPER OR GREATER
C:\LIBRARY\TREEDET.DWG NO SCALE



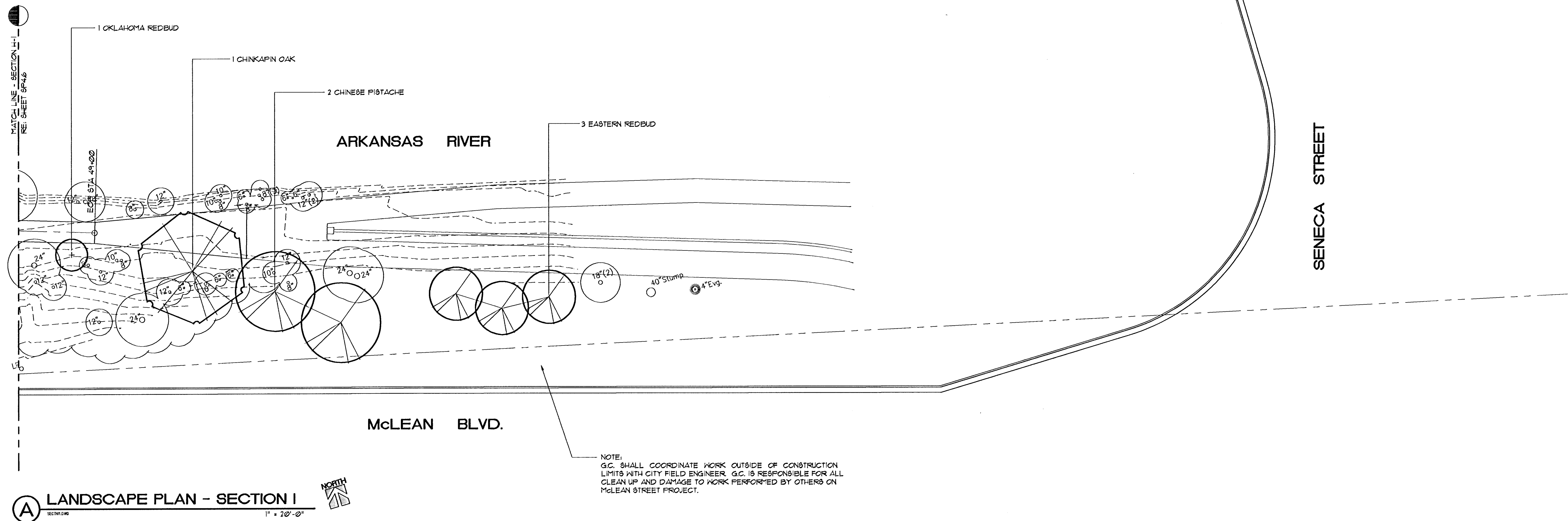
2 SHRUB PLANTING DETAIL
C:\LIBRARY\SHRUBDET.DWG NO SCALE



3 GROUNDCOVER PLANTING
C:\LIBRARY\GCVDET.DWG 1 1/2\"/>

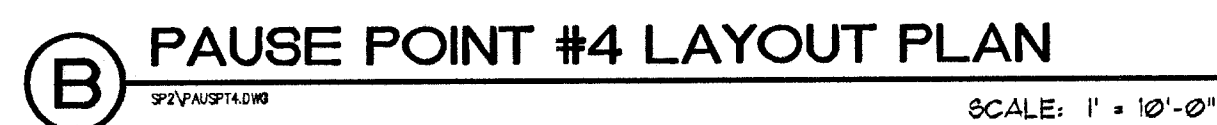
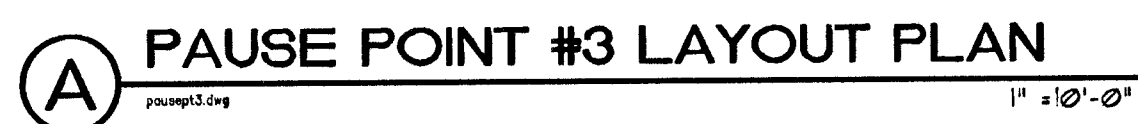
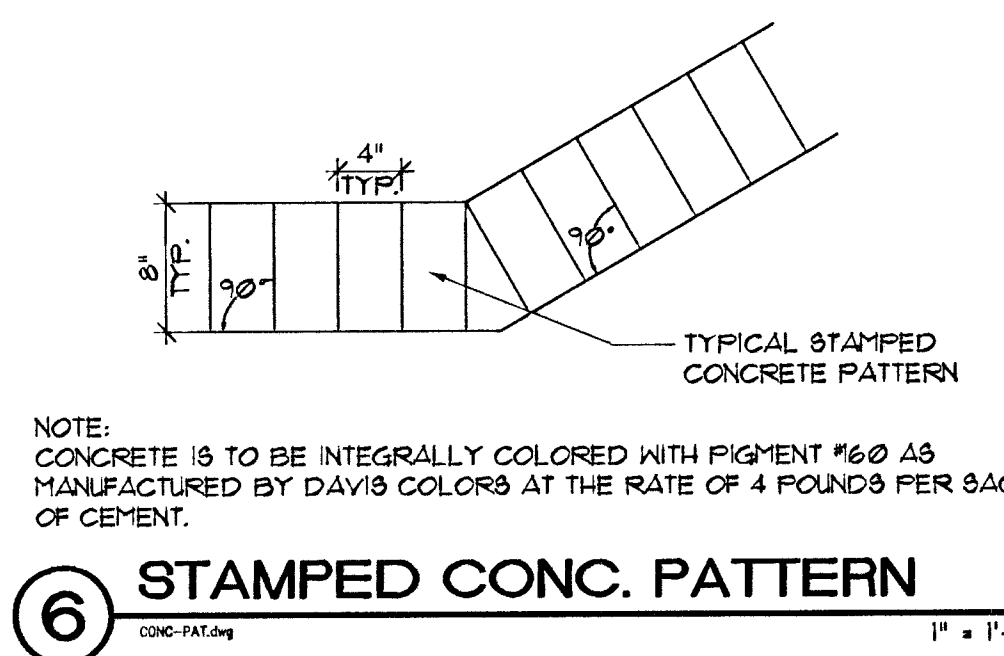
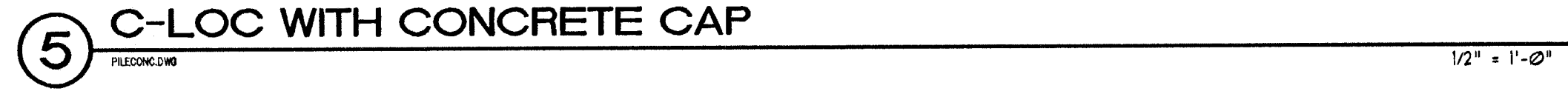
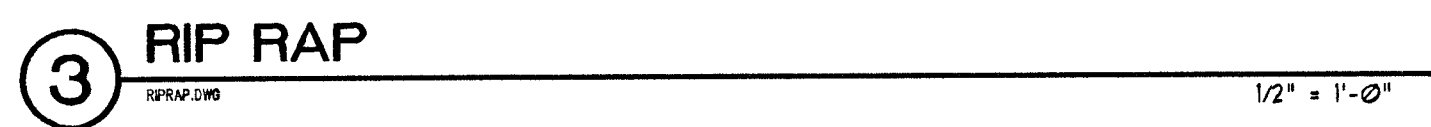


4 DECIDUOUS TREES: SMALLER THAN 2' CALIPER
C:\LIBRARY\TREEDET.DWG NO SCALE



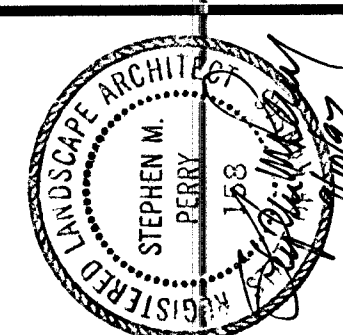
A LANDSCAPE PLAN - SECTION I
SECTION.DWG 1\"/>

NOTE:
G.C. SHALL COORDINATE WORK OUTSIDE OF CONSTRUCTION LIMITS WITH CITY FIELD ENGINEER. G.C. IS RESPONSIBLE FOR ALL CLEAN UP AND DAMAGE TO WORK PERFORMED BY OTHERS ON McLEAN STREET PROJECT.



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913.263.7848 WICHITA, KANSAS 67201

**RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS**



PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REVISED:

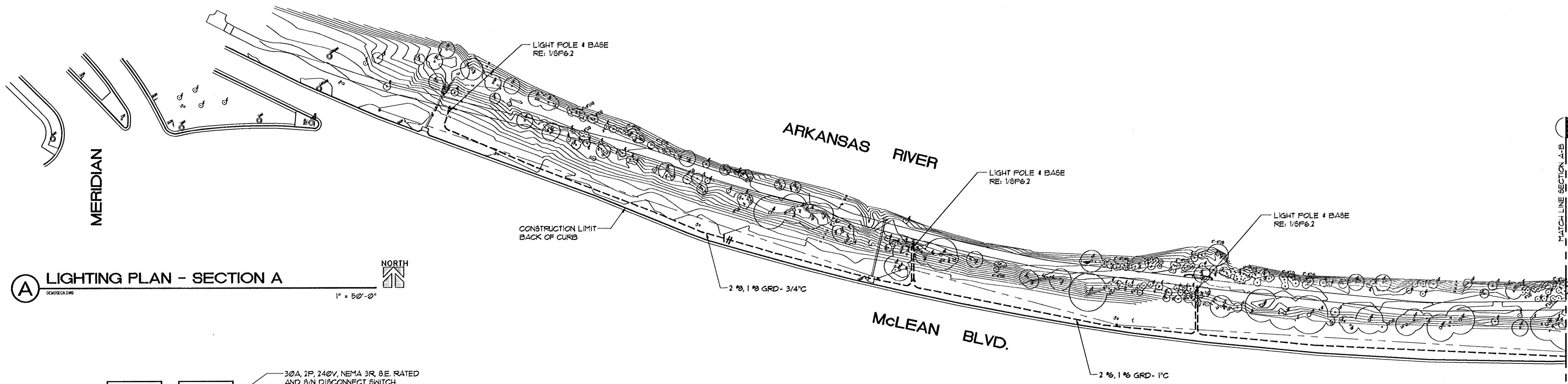
SHEET

SP5.1

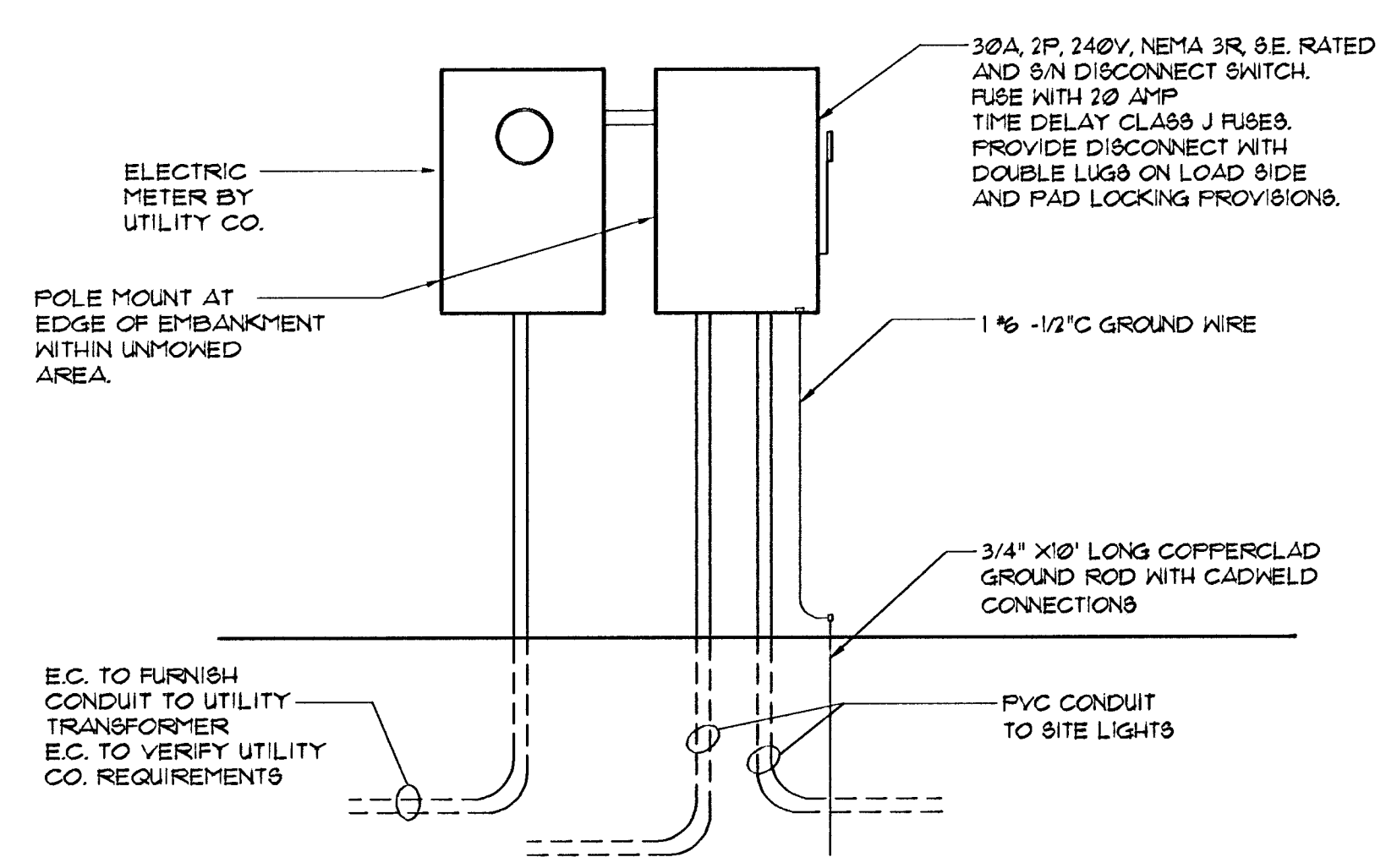
OF 27 SHEETS

DETAILS

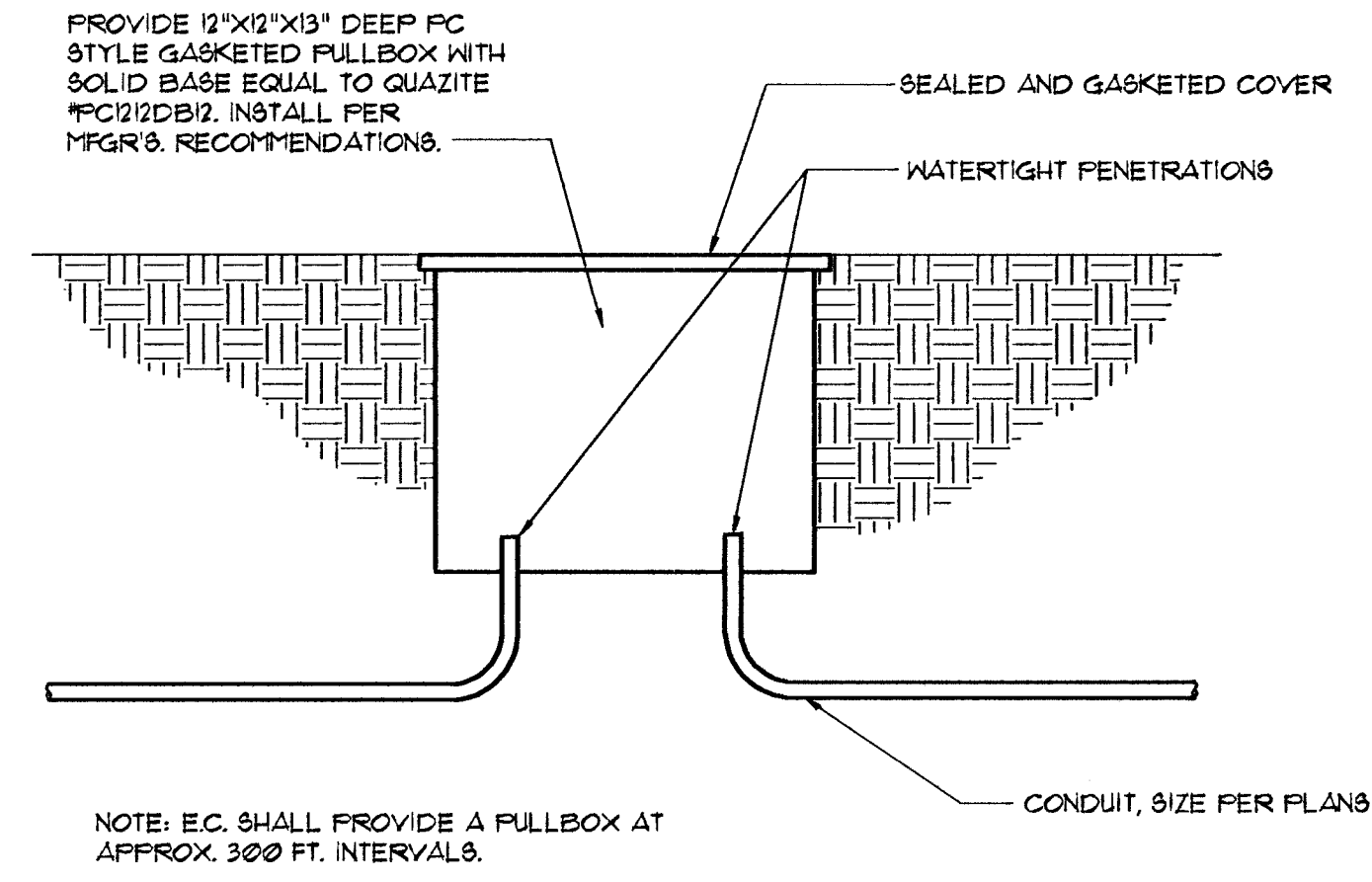
\\9442\MCLEAN2\TITLE



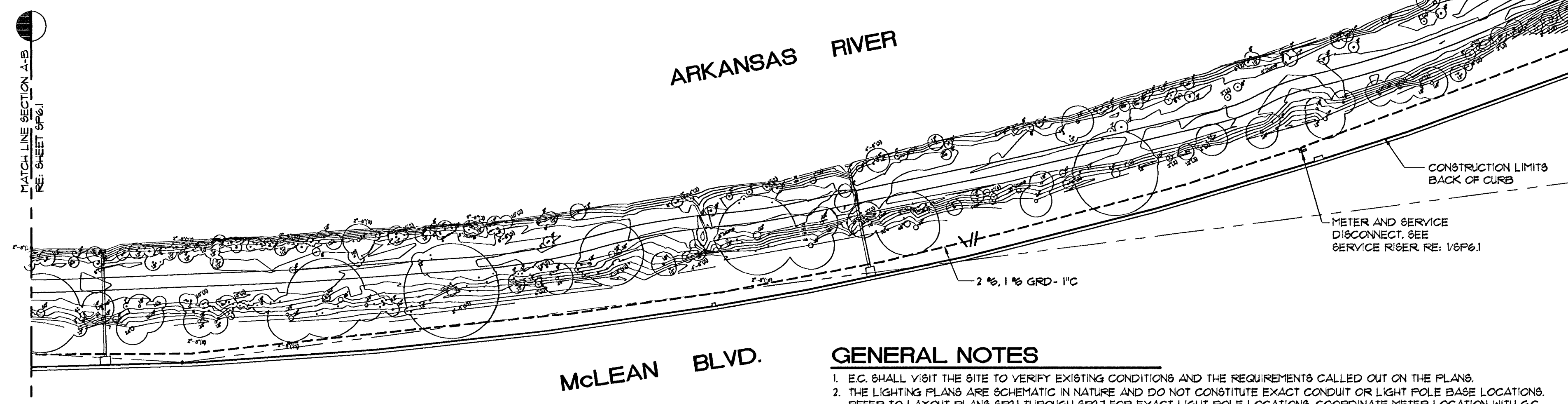
(A) LIGHTING PLAN - SECTION A
1" = 50'-0"



(1) SERVICE RISER DETAIL
1/2" = 1'-0"



(2) PULLBOX DETAIL
NO SCALE



(B) LIGHTING PLAN - SECTION B
1" = 50'-0"

GENERAL NOTES

1. E.C. SHALL VISIT THE SITE TO VERIFY EXISTING CONDITIONS AND THE REQUIREMENTS CALLED OUT ON THE PLANS.
2. THE LIGHTING PLANS ARE SCHEMATIC IN NATURE AND DO NOT CONSTITUTE EXACT CONDUIT OR LIGHT POLE BASE LOCATIONS. REFER TO LAYOUT PLANS SP2.1 THROUGH SP2.1 FOR EXACT LIGHT POLE LOCATIONS. COORDINATE METER LOCATION WITH G.C.
3. ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH NATIONAL, STATE, AND LOCAL ELECT. CODES OR REGULATIONS OF THE UTILITY COMPANY.
4. SPECIFICATIONS FOR THIS PROJECT ARE THE STANDARD AND/OR SUPPLEMENTAL SPECIFICATIONS REQUIRED BY THE CITY OF WICHITA. SPECIFICATIONS PERTINANT ONLY TO THIS PROJECT ARE LISTED BY GENERAL NOTE.
5. E.C. SHALL PAY FOR ALL FEES AND PERMITS FOR ELECTRICAL WORK ON THIS PROJECT.
6. E.C. IS RESPONSIBLE FOR DAMAGE TO CITY PROPERTY OR THE WORK BY OTHERS THAT MAY BE CAUSED BY THE E.C.'S WORK OR ACTIVITY IN THE AREA.
7. ALL ELECTRICAL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER. UNSIGHTLY INSTALLATION WORK SHALL BE REMOVED AND REWORKED AT THE DIRECTION OF THE FIELD ENGINEER OR THE ARCHITECT WITHOUT ADDITIONAL COST TO THE OWNER.

8. THE G.C. SHALL BE RESPONSIBLE FOR: PAYING ALL UTILITY BILLS FOR OPERATION OF THE ELECTRICAL SYSTEM THROUGH FINAL ACCEPTANCE. ALL SLEEVES, RUBBLE EXCAVATION AND REMOVAL, CONCRETE WORK, REINFORCING, STEEL SUPPORTS AND BRACKETS, SEAL AND GROUT ALL OPENINGS AFTER E.C. HAS COMPLETED ELECTRICAL WORK OR PORTIONS THEREOF, AREA CLEAN UP OF OWN WORK, PAINTING OF SURFACES REQUIRED BY CITY SPECS. OR UTILITY CO., AND ALL WORK REQUIRED FOR THE E.C. THAT IS NOT ELECTRICAL RELATED.
9. E.C. SHALL FURNISH AND INSTALL A SURGE ARRESTER, SQUARE D "60SAL175 OR APPROVED EQUAL.
10. E.C. SHALL FURNISH ALL EQUIPMENT AND PARTS NECESSARY FOR THE G.C. TO INSTALL. E.C. SHALL PROVIDE, FURNISH AND INSTALL ALL PARTS, EQUIPMENT, SUPPLIES AND LABOR TO CONSTRUCT AND INSTALL A COMPLETE LIGHTING SYSTEM.
11. E.C. SHALL VERIFY ALL EQUIPMENT SPECIFIED ON THE LIGHTING PLAN AND COORDINATE MANUFACTURER'S CHANGES WITH PLAN INFORMATION. AFTER NOTICE IS GIVEN THESE CHANGES SHALL NOT ACCRUE ADDITIONAL COST TO THE OWNER.
12. E.C. SHALL RECORD SYSTEM LOAD PER PHASE OF DISTRIBUTION PANEL AND SUBMIT FINAL READINGS TO OWNER WITH PRODUCT INFORMATION.
13. E.C. SHALL TEST COMPLETE SYSTEM TO INSURE CIRCUITS ARE FREE FROM SHORT CIRCUITS AND TO MAKE ALL NECESSARY ADJUSTMENTS TO ELECTRICAL EQUIPMENT. INSTALLED FIXTURES AND POLES SHALL BE CLEAN, FREE OF SCRATCHES AND MARKS.
14. E.C. SHALL DELIVER TO THE OWNER BEFORE FINAL ACCEPTANCE IN TRIPLICATE: SHOP DRAWINGS, CATALOGUE DATA, PRODUCT INFORMATION, OPERATION AND MAINTENANCE INSTRUCTIONS, AND PARTS LIST. DELIVER TWO RED LINE "AS BUILT" BLUEPRINTS OF THE LIGHTING PLAN, ADDENDA AND CHANGE ORDERS THAT PERTAIN TO THIS WORK.
15. E.C. SHALL FULLY INSTRUCT THE OWNER OR ITS REPRESENTATIVE AS TO THE PROPER OPERATION, CARE, MAINTENANCE AND CHARACTERISTICS OF THE LIGHTING SYSTEM AND ITS EQUIPMENT.
16. E.C. SHALL GUARANTEE ALL WORK, MATERIAL AND EQUIPMENT FOR A PERIOD OF ONE YEAR FROM DATE OF SUBSTANTIAL COMPLETION. E.C. SHALL BE RESPONSIBLE FOR ANY DEFECTS IN THE ELECTRICAL SYSTEM AND UPON NOTIFICATION OF DEFECTS SHALL MAKE IMMEDIATE REPAIRS OR REPLACEMENTS AS NECESSARY. GUARANTEE DOES NOT INCLUDE ORDINARY LAMP FAILURE OR VANDALISM.

ORDERING INFORMATION

LIGHT POLE, FIXTURE AND OPTIONS ARE MANUFACTURED BY SUN VALLEY LIGHTING, INC.
REGIONAL REPRESENTATIVE:
ILLUMINATION SALES
323 S. HYDRAULIC
WICHITA, KS 67211
(316) 269-7319
QUANTITY: 8 EA.
ORDER CODE: SUN VALLEY LIGHTING *CS-1404 (REV. 2)

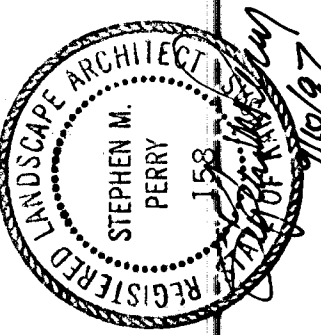
LIGHTING PLAN - SECTION A AND SECTION B



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25 S. WASHINGTON WICHITA, KANSAS 67202
P.O. BOX 944 WICHITA, KANSAS 67201
TEL. 360-2465 • FAX 360-2466

McCullage Van Sickle & Perry

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WICHITA, KANSAS

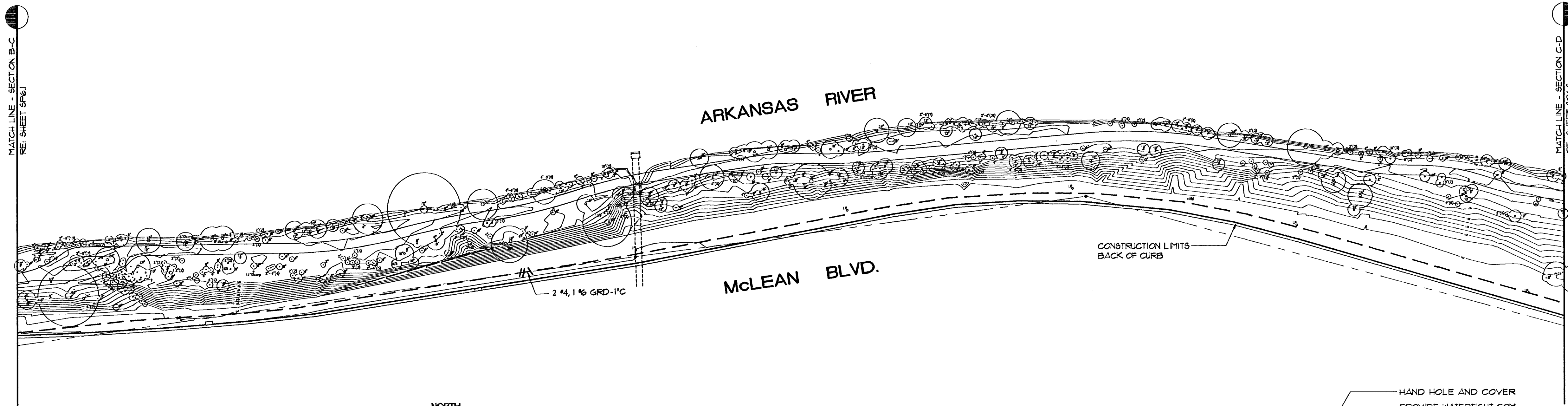


PROJECT NO. 9-442
DATE: SEPTEMBER 12, 1997
REVISED:

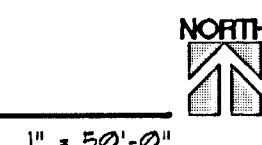
SHEET

SP6.1

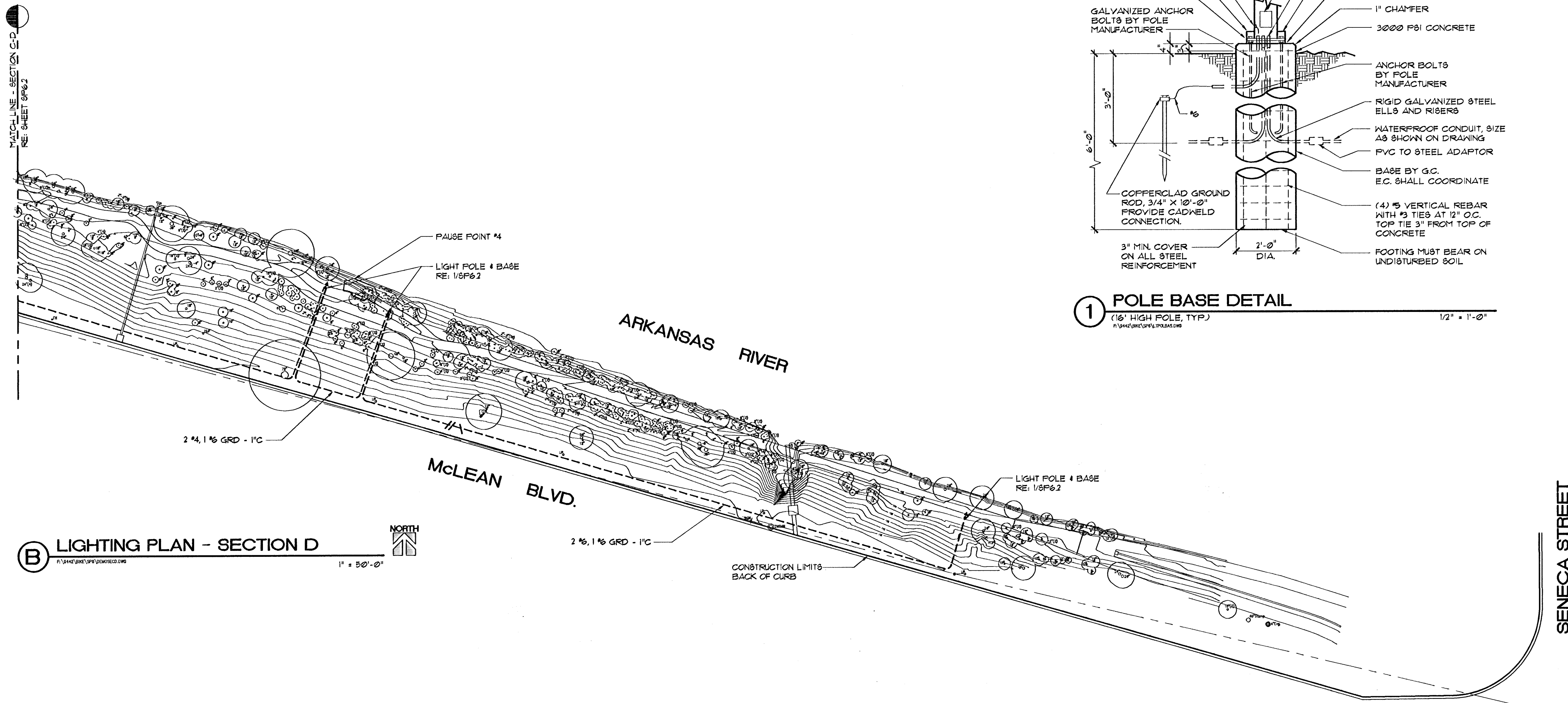
OF 21 SHEETS



A LIGHTING PLAN - SECTION C



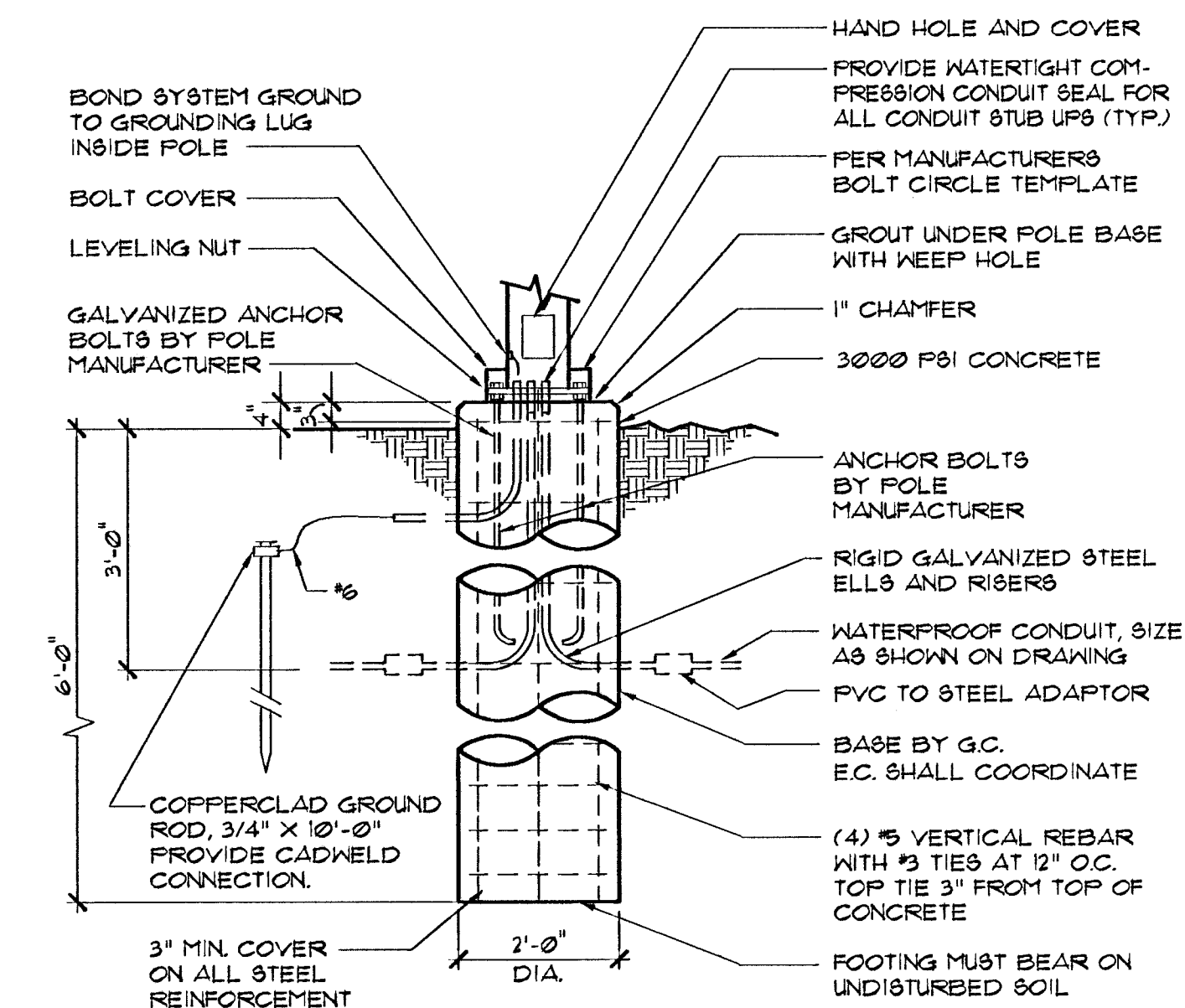
1" = 50'-0"



B LIGHTING PLAN - SECTION D



1" = 50'-0"



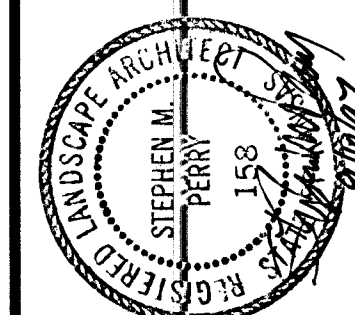
1 POLE BASE DETAIL

(16' HIGH POLE, TYP.)

1/2" = 1'-0"

LIGHTING PLAN - SECTION C AND SECTION D

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1991
REVISION:



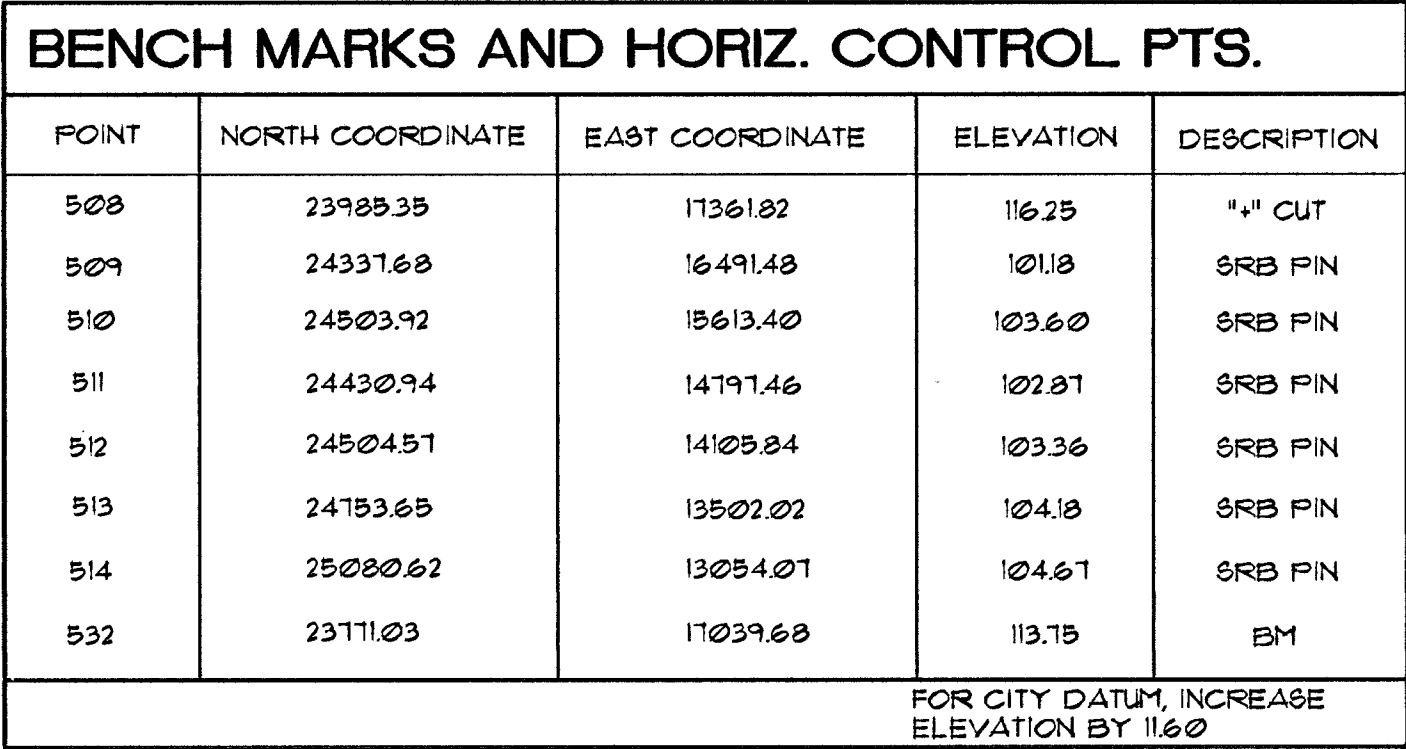
SHEET
SP6.2
OF 2 SHEETS

ARCHITECTS • PLANNERS • LANDSCAPE ARCHITECTS
125 S. WASHINGTON WICHITA, KANSAS 67202
P.O. BOX 948 WICHITA, KANSAS 67208
TEL. 363-2048 • FAX 363-2046

McCLUGGAGE VAN SICKLE & PERRY

**RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS**

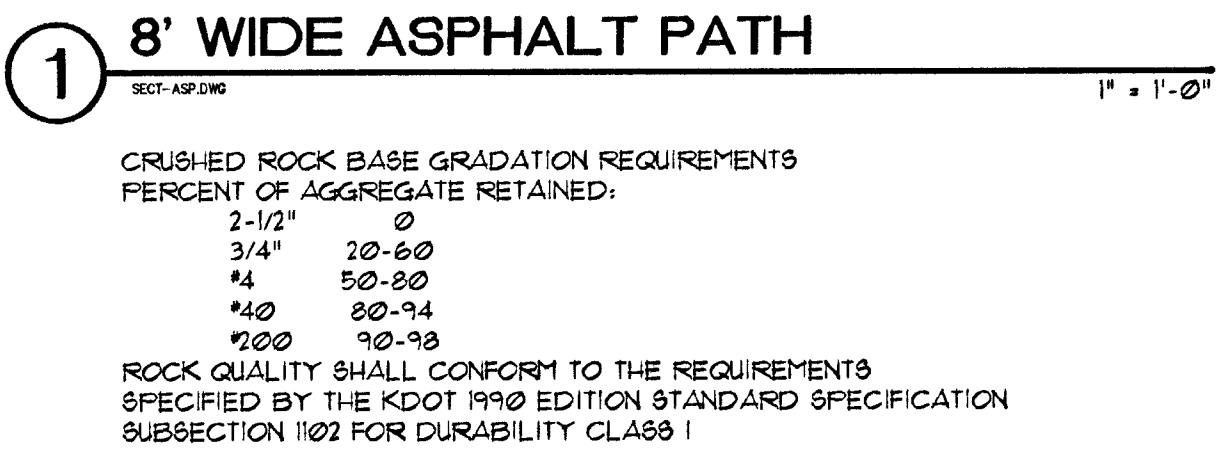
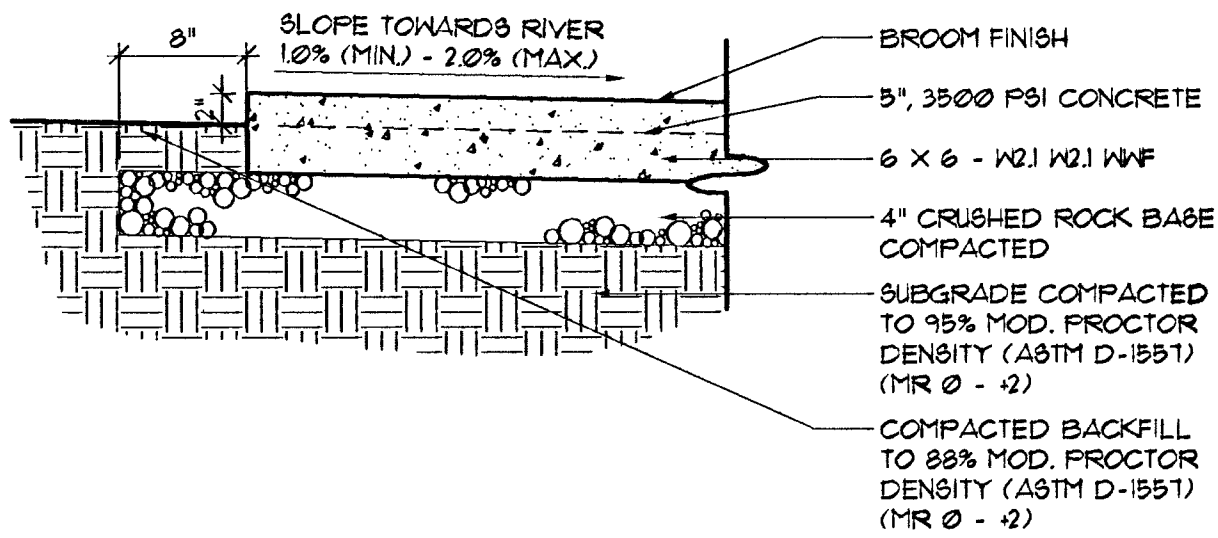
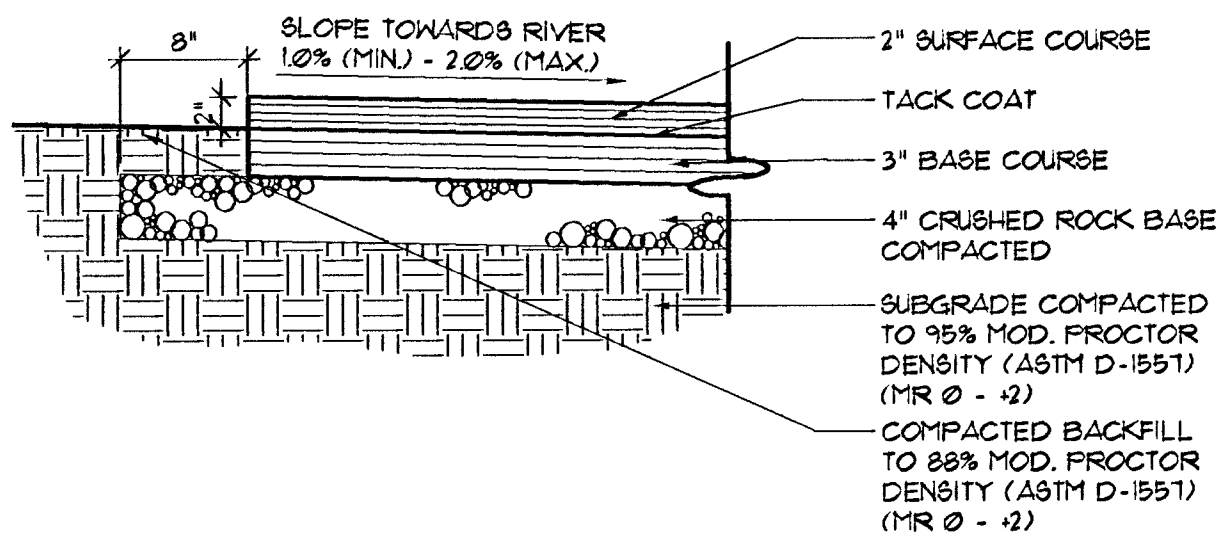
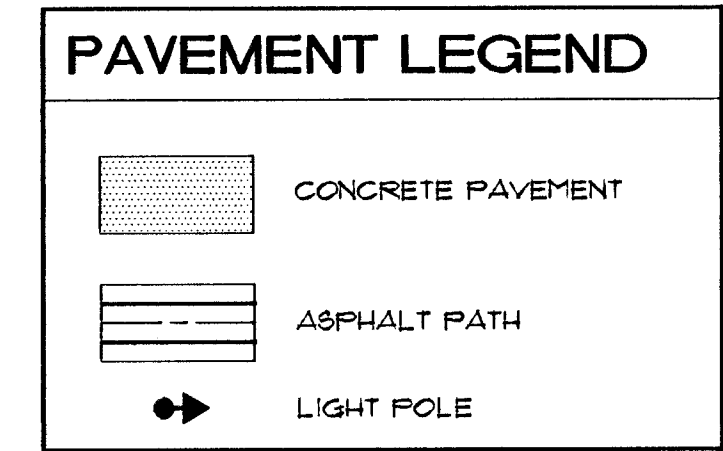
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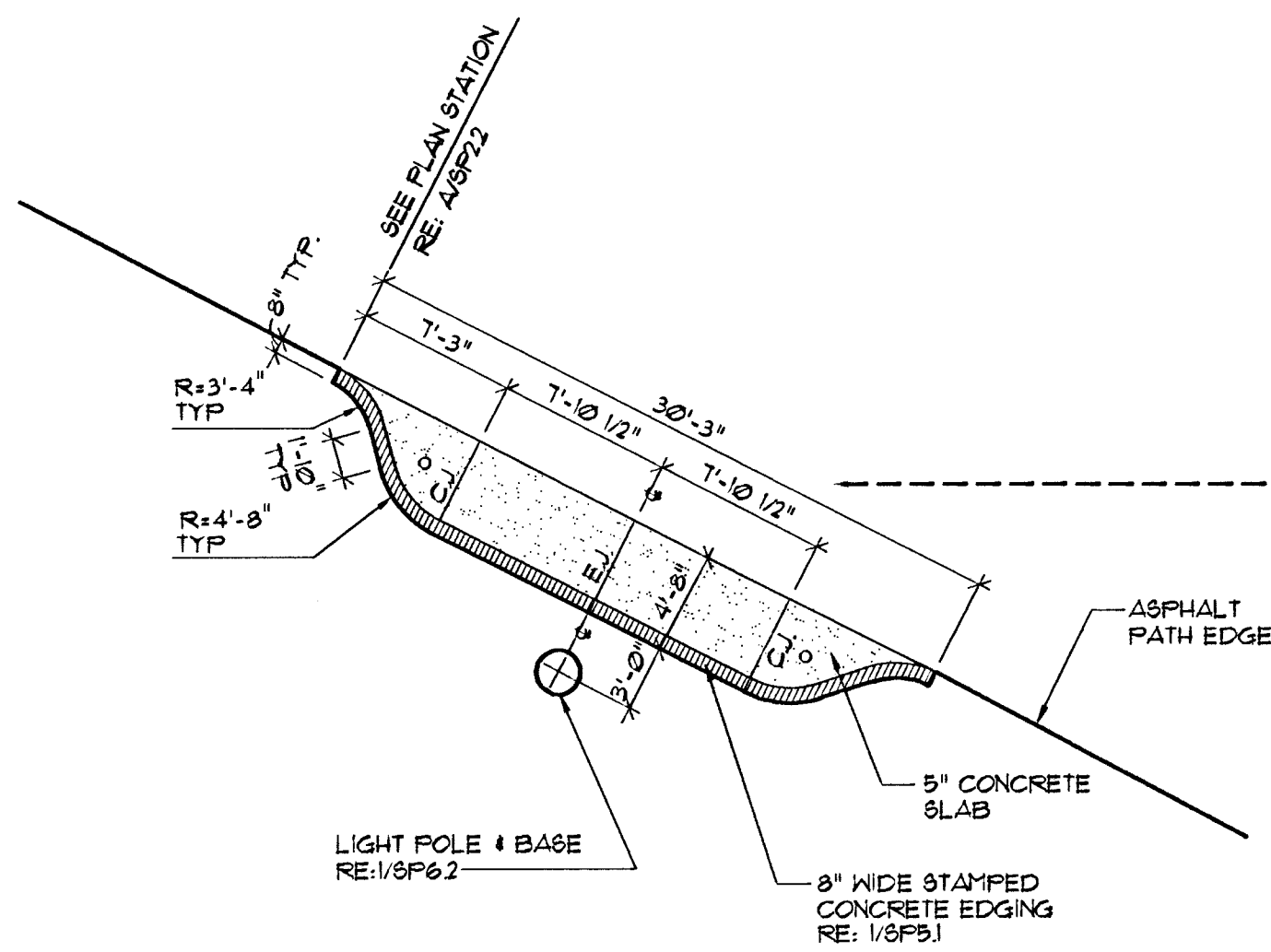
- G.C. SHALL COORDINATE WITH CITY ENGINEERING FOR CONSTRUCTION PARKING, STAGING AND SITE ACCESS.
2. MCLEAN STREET PROJECT FROM MERIDIAN & CENTRAL TO APPROX. BENECA AND MCLEAN MAY STILL BE IN PROGRESS DURING THIS PROJECT, COORDINATE CONSTRUCTION ACTIVITY WITH CITY & MCLEAN GC.
3. IF THE CONCRETE PAVEMENT ALTERNATE IS SELECTED, THE CONTRACTOR SHALL SUBMIT A JOINTING PATTERN TO THE CITY ENGINEER FOR APPROVAL PRIOR TO THE COMMENCEMENT OF PAVING OPERATIONS. JOINTS SHALL BE LOCATED IN ACCORDANCE WITH GENERALLY ACCEPTED DESIGN PRACTICES AND RECOMMENDATIONS OF THE PORTLAND CEMENT ASSOCIATION.
4. REFER TO THE FIRST SHEET NUMBER OF SUCCEEDING PROJECT DIVISIONS FOR GENERAL NOTES REGARDING THAT DIVISION.
5. ALL PAUSE POINTS SHALL BE STAKED AND LOCATION VERIFIED BY ARCHITECT PRIOR TO CONSTRUCTION.
6. WHERE NEW TRAIL MEETS EXISTING TRAIL, VERTICAL SLOPE SHALL NOT EXCEED 45%.
1. BENCH: DUMOR 58-60 SERIES BENCH (TYPICAL ALL LOCATIONS)
- 1) POLYESTER POWDER FINISH. COLOR: GREEN
- 2) CENTER ARM REST
- CONTRACTOR TO ANCHOR BENCHES TO CONCRETE SLAB PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALLATION WITHOUT POURED IN PLACE ANCHOR BOLTS SHALL REQUIRE CONCRETE BLOCKOUTS OR CORING AND EPOXY FILL AROUND ANCHOR BOLTS.
- SOURCE FOR DUMOR PRODUCTS: FRY & ASSOCIATES, INC.
1301 BURLINGTON, SUITE 201
NORTH KANSAS CITY, MISSOURI 64116 (816) 221-4831
3. TRASH RECEPTACLE: VICTOR STANLEY, INC. MODEL 8-42
- 1) POLYESTER POWDER FINISH. COLOR: GREEN
- 2) 5-2 SPUN STEEL DOVE
- CONTRACTOR TO ANCHOR TRASH RECEPTACLES TO CONCRETE SLAB PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. INSTALLATION WITHOUT POURED IN PLACE ANCHOR BOLTS SHALL REQUIRE CONCRETE BLOCKOUTS OR CORING AND EPOXY FILL AROUND ANCHOR BOLTS.
- SOURCE FOR VICTOR STANLEY PRODUCTS: RIGGS RECREATION EQUIPMENT, INC.
P.O. BOX 6191
LEAWOOD, KANSAS 66206 (800) 332-4447
9. CASH ALLOWANCE FOR PUBLIC ART:
G.C. SHALL INCLUDE A LUMP SUM OF ~~1000000~~ FOR THE PURCHASE AND INSTALLATION OF INTERPRETIVE SIGNAGE FOR PUBLIC ART REQUIREMENTS. THE SCOPE AND SCHEDULE FOR COMPLETION OF PUBLIC ART IS YET TO BE DETERMINED.

1. ALL CONSTRUCTION STAKING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTROL POINTS FOR THIS PROJECT WERE FURNISHED BY SRB ENGINEERS, 316-264-8008.
2. LAYOUT MODIFICATIONS, IF REQUIRED, SHALL BE COORDINATED WITH THE FIELD ENGINEER.

NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH
C1	26°32'31"	10.61	45.00	20.85	20.66
C2	35°33'13"	14.43	45.00	21.43	21.43
C3	14°49'51"	11.06	85.00	22.00	21.94
C4	01°10'04"	54.49	810.00	102.84	102.11
C5	05°43'09"	24.97	500.00	49.91	49.89
C6	04°48'09"	43.72	1150.00	96.39	96.31
C7	20°29'24"	9.94	35.00	19.61	19.56
C8	15°28'01"	13.58	100.00	21.00	20.92
C9	00°49'21"	17.13	2410.00	35.46	35.46



A LAYOUT PLAN - SECTION B
SECTION B
SCALE: 1" = 20'-0"



A PAUSE POINT #1 LAYOUT PLAN
SCALE: 1/8" = 1'-0"

HORIZ. CURVE #11

N: 24677.08
E: 13047.47

N: 24677.08
E: 13047.47

HORIZ. CURVE #10

HORIZ. CURVE #12

HORIZ. CURVE #13

HORIZ. CURVE #14

HORIZ. CURVE #15

HORIZ. CURVE #16

HORIZ. CURVE #17

HORIZ. CURVE #18

HORIZ. CURVE #19

HORIZ. CURVE #20

HORIZ. CURVE #21

HORIZ. CURVE #22

HORIZ. CURVE #23

HORIZ. CURVE #24

HORIZ. CURVE #25

HORIZ. CURVE #26

HORIZ. CURVE #27

HORIZ. CURVE #28

HORIZ. CURVE #29

HORIZ. CURVE #30

HORIZ. CURVE #31

HORIZ. CURVE #32

HORIZ. CURVE #33

HORIZ. CURVE #34

HORIZ. CURVE #35

HORIZ. CURVE #36

HORIZ. CURVE #37

HORIZ. CURVE #38

HORIZ. CURVE #39

HORIZ. CURVE #40

HORIZ. CURVE #41

HORIZ. CURVE #42

HORIZ. CURVE #43

HORIZ. CURVE #44

HORIZ. CURVE #45

HORIZ. CURVE #46

HORIZ. CURVE #47

HORIZ. CURVE #48

HORIZ. CURVE #49

HORIZ. CURVE #50

HORIZ. CURVE #51

HORIZ. CURVE #52

HORIZ. CURVE #53

HORIZ. CURVE #54

HORIZ. CURVE #55

HORIZ. CURVE #56

HORIZ. CURVE #57

HORIZ. CURVE #58

HORIZ. CURVE #59

HORIZ. CURVE #60

HORIZ. CURVE #61

HORIZ. CURVE #62

HORIZ. CURVE #63

HORIZ. CURVE #64

HORIZ. CURVE #65

HORIZ. CURVE #66

HORIZ. CURVE #67

HORIZ. CURVE #68

HORIZ. CURVE #69

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HORIZ. CURVE #81

HORIZ. CURVE #82

HORIZ. CURVE #83

HORIZ. CURVE #84

HORIZ. CURVE #85

HORIZ. CURVE #86

HORIZ. CURVE #87

HORIZ. CURVE #88

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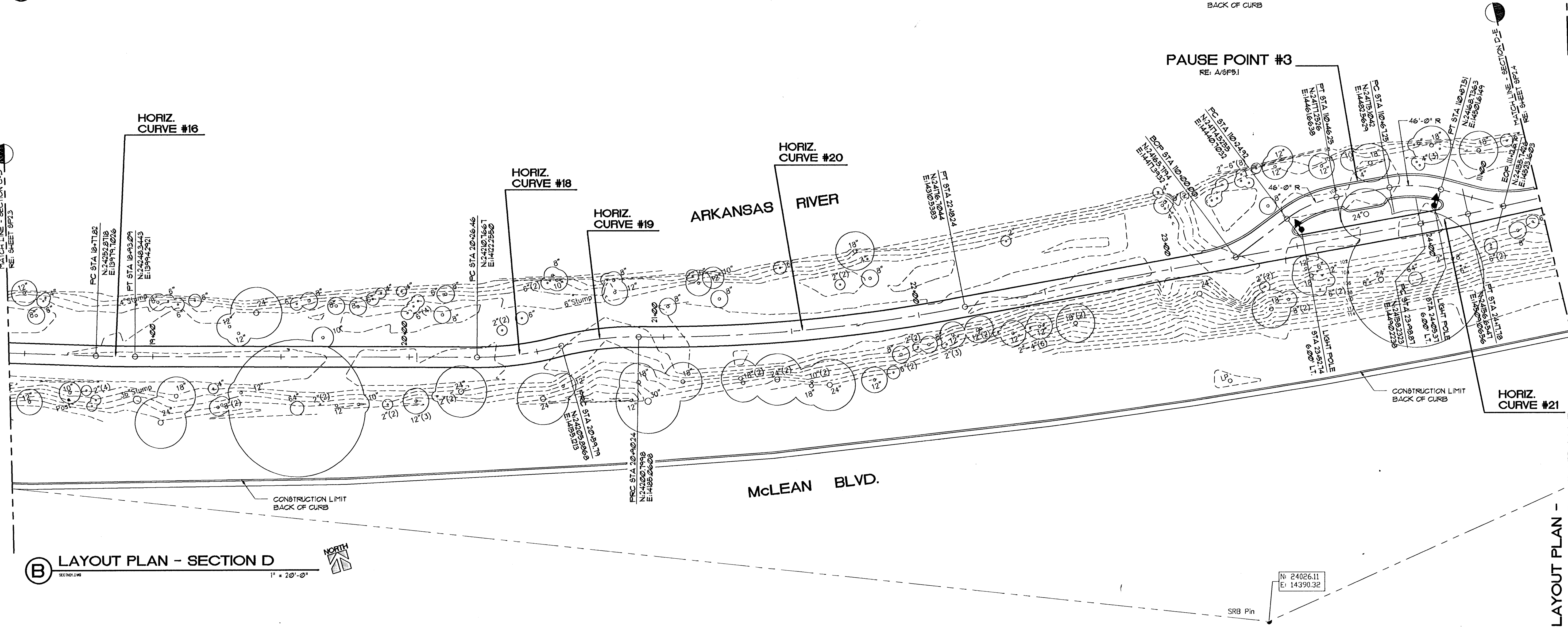
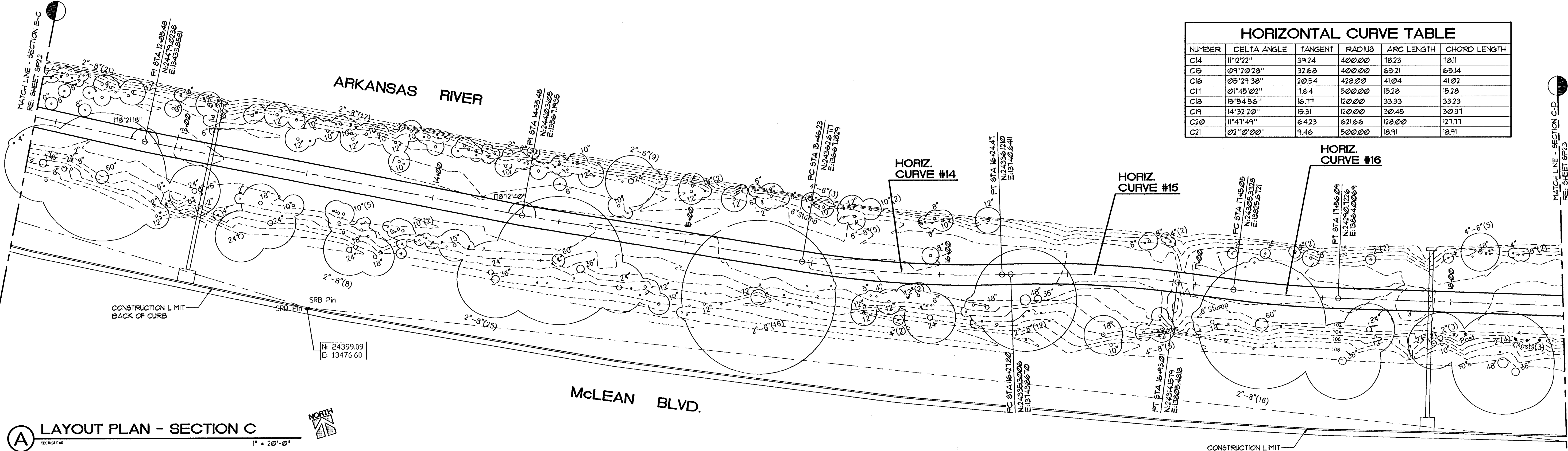
HORIZ. CURVE #300

HORIZ. CURVE #301

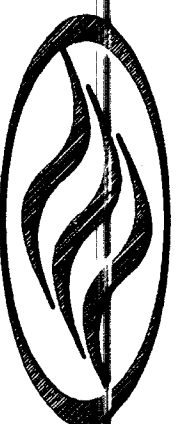
HORIZ. CURVE #302

HORIZ. CURVE #303

94442.MCLEAN2.TITLE
1/8" = 1'-0"



HORIZONTAL CURVE TABLE					
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH
C14	11°12'22"	39.24	400.00	18.23	18.11
C15	09°20'28"	32.68	400.00	65.21	65.14
C16	05°29'38"	20.54	418.00	41.04	41.02
C17	01°45'02"	7.64	500.00	15.28	15.28
C18	15°54'56"	16.11	120.00	33.33	33.23
C19	14°32'20"	15.31	120.00	30.45	30.31
C20	11°41'49"	6.423	621.66	128.00	121.11
C21	02°10'00"	9.46	500.00	18.91	18.91



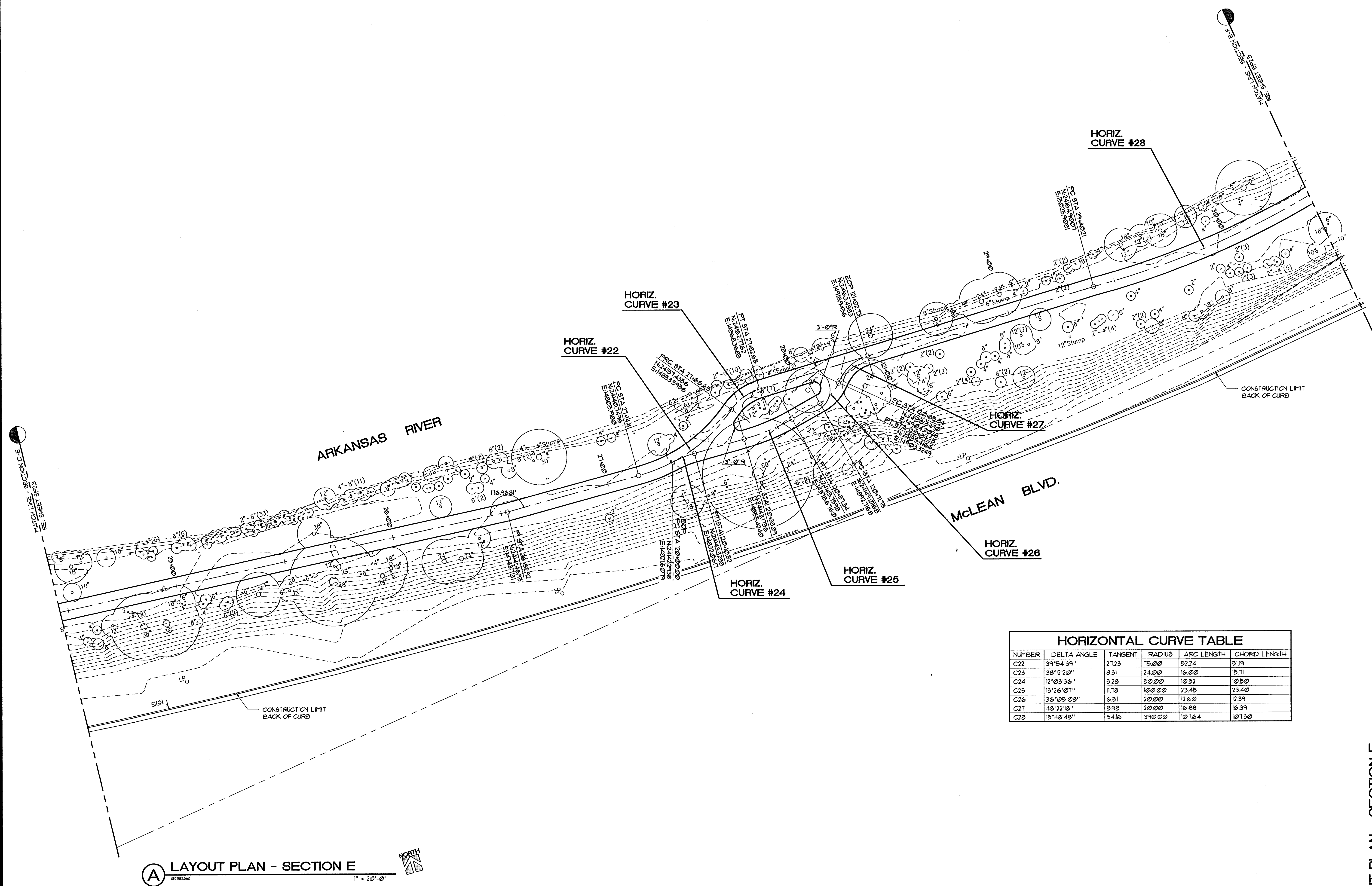
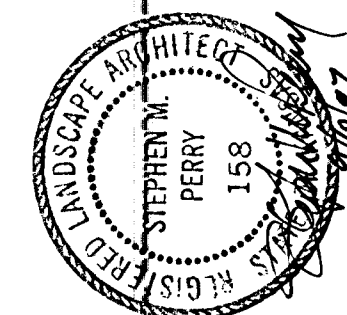
ARCHITECTS • PLANNERS • LANDSCAPE ARCHITECTS
125 S. WASHINGTON WICHITA, KANSAS 67202
P.O. BOX 944 WICHITA, KANSAS 67201
TEL. 360.2045 • FAX 360.2046

RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS



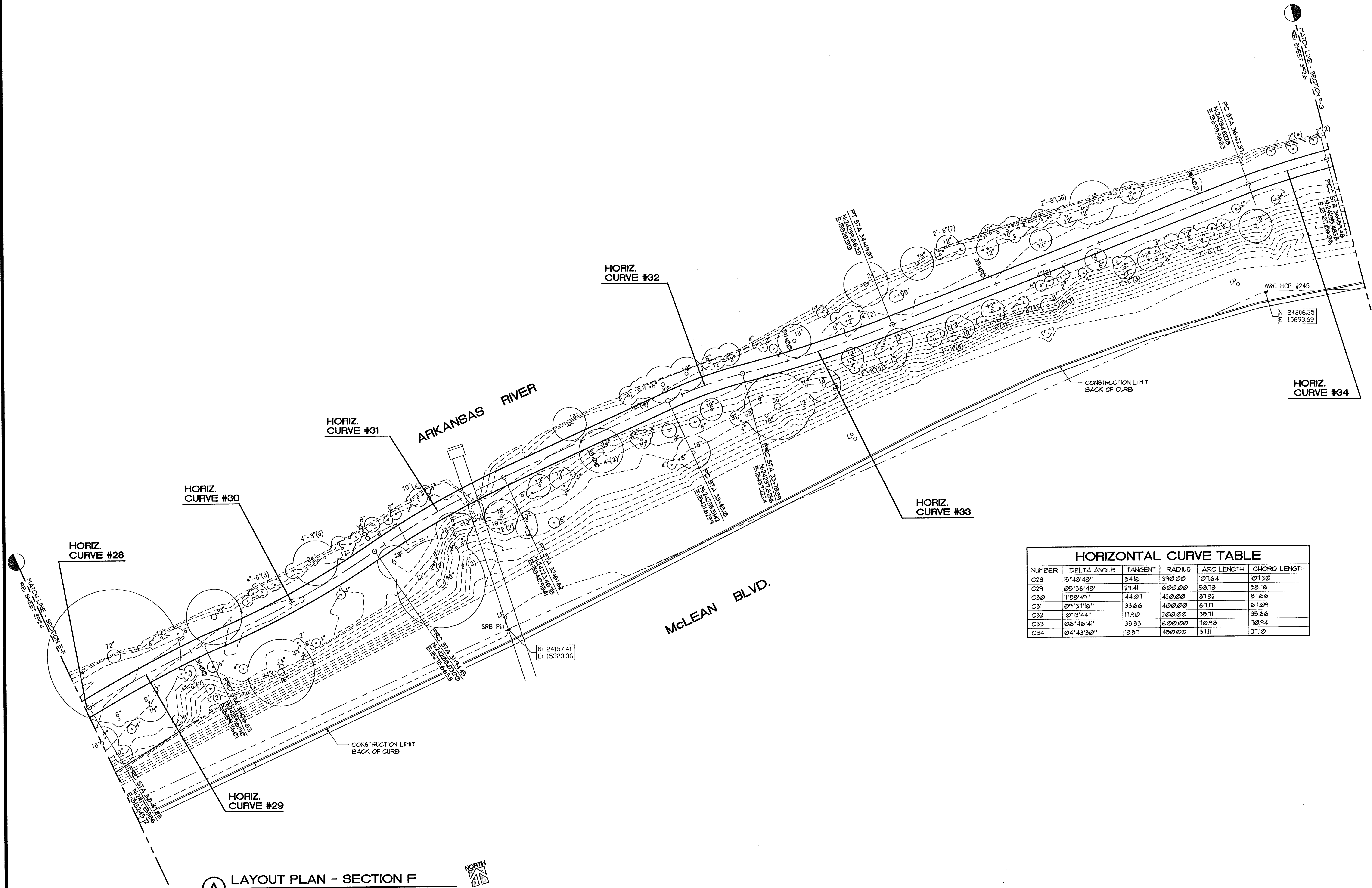
PROJECT NO. 9442
DATE: SEPTEMBER 10, 1991
REVISED:

SHEET
SP2.3
OF 21 SHEETS



Ⓐ LAYOUT PLAN - SECTION E

HORIZONTAL CURVE TABLE					
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH
C22	31°54'39"	2123	1500	5224	5119
C23	38°12'20"	831	2400	1600	1511
C24	17°03'36"	528	5000	1052	1050
C25	13°26'01"	1178	10000	2345	2340
C26	36°05'09"	651	2000	1260	1239
C27	49°22'18"	398	2000	1688	1639
C28	15°44'48"	546	39000	10164	10130

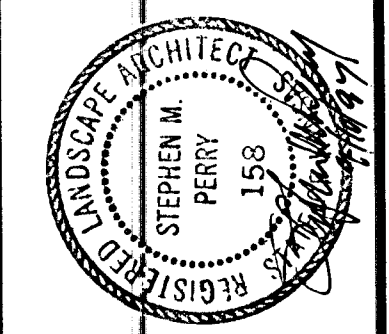


A LAYOUT PLAN - SECTION F
1" = 20'-0"

LAYOUT PLAN - SECTION F

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1991
REVISED:

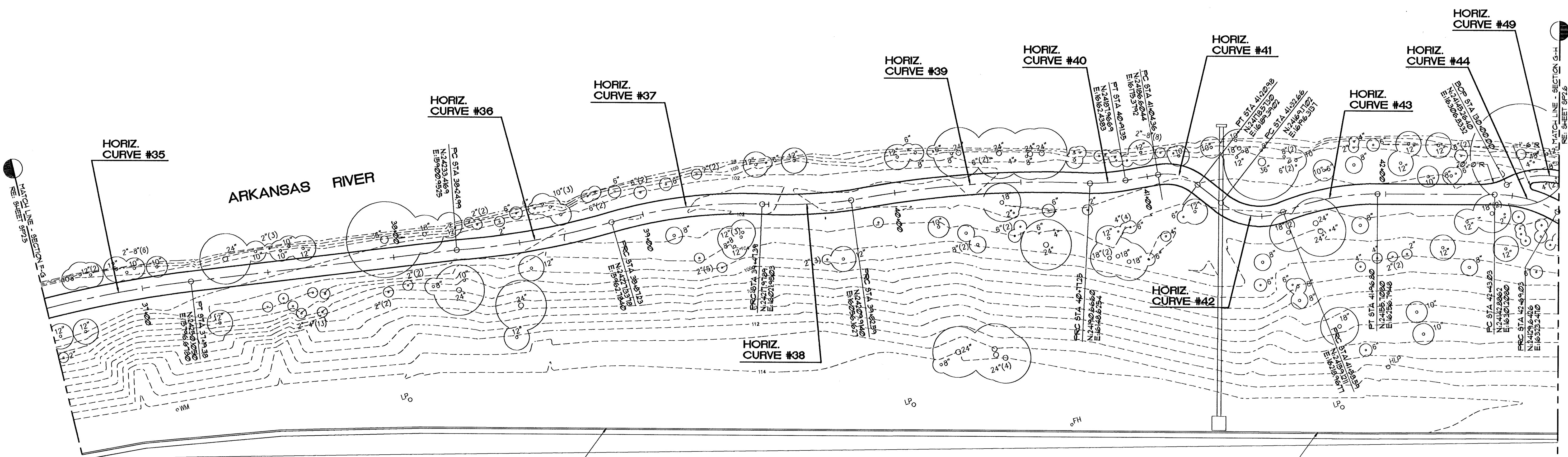
SHEET
SP2.5
OF 21 SHEETS



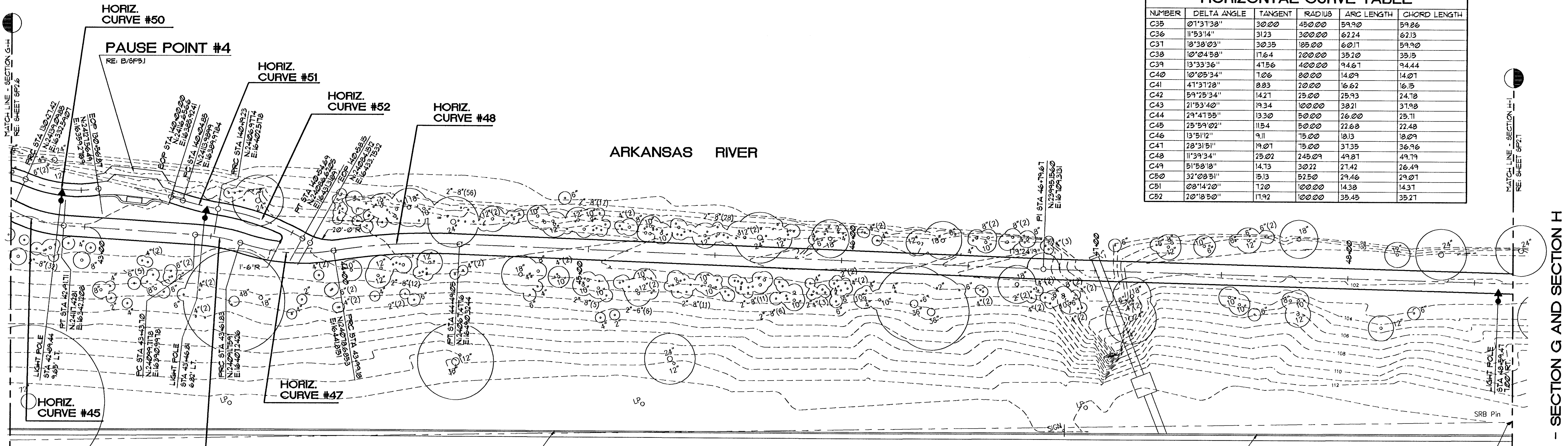
RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS

ARCHITECTS • PLANNERS • LANDSCAPE ARCHITECTS
1535 MASSACHUSETTS AVE., SUITE 100
P.O. BOX 388 WICHITA, KANSAS 67201
TEL 360-8081 • FAX 360-8085
MCCUIGGAGE VAN SICKLE & PERRY

3442 MCLEAN.TITLE
1/8" = 1'-0"



A LAYOUT PLAN - SECTION G
SECTION G-1
1" = 20'-0"



B LAYOUT PLAN - SECTION H
SECTION H-1
1" = 20'-0"

HORIZONTAL CURVE TABLE					
NUMBER	DELTA ANGLE	TANGENT	RADIUS	ARC LENGTH	CHORD LENGTH
C35	01°31'38"	30.00	450.00	59.90	59.86
C36	11°53'14"	31.23	300.00	62.24	62.13
C31	10°38'03"	30.35	185.00	60.17	59.90
C38	10°04'58"	17.64	200.00	35.20	35.15
C39	13°33'36"	41.56	400.00	94.67	94.44
C40	10°05'34"	12.06	80.00	14.09	14.07
C41	41°31'28"	8.83	20.00	16.62	16.15
C42	59°25'34"	14.21	25.00	25.93	24.78
C43	21°53'40"	19.34	100.00	38.21	37.98
C44	29°41'55"	13.30	50.00	26.00	25.71
C45	25°59'02"	11.54	50.00	22.68	22.48
C46	13°51'12"	9.11	75.00	18.13	18.09
C41	28°31'51"	19.07	75.00	37.35	36.96
C48	11°39'34"	25.02	245.09	49.81	49.79
C49	51°58'18"	14.13	30.22	27.42	26.49
C50	32°08'51"	15.13	52.50	29.46	29.07
C51	08°14'20"	12.0	100.00	14.38	14.37
C52	20°18'50"	17.92	100.00	35.45	35.27

LAYOUT PLAN - SECTION G AND SECTION H

ARCHITECTS • PLANNERS • LANDSCAPE ARCHITECTS
1005 WASHINGTON STREET, WICHITA, KANSAS 67202
P.O. BOX 346 WICHITA, KANSAS 67201
TEL 303.624.1100 FAX 303.624.1105

MCCLUGGAGE VAN SICKLE & PERRY

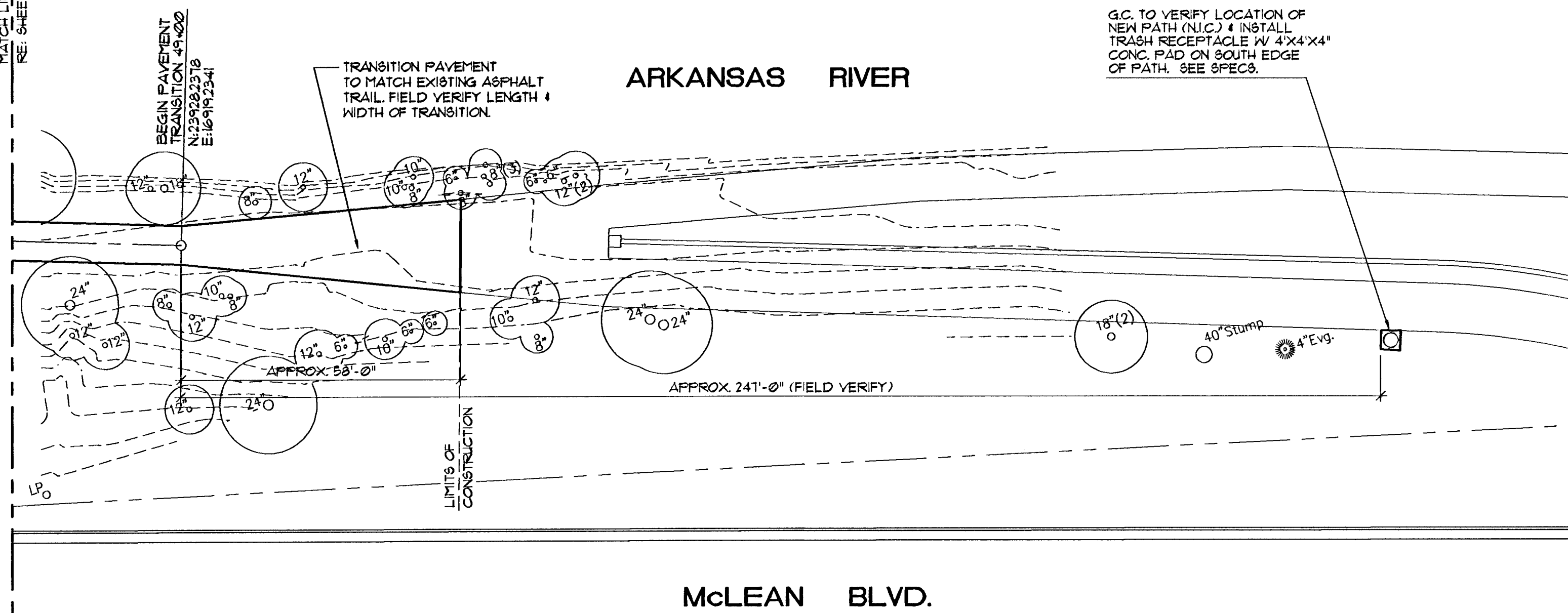
**RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS**

**STEPHEN M. PERRY
153
KANSAS ENGINEER**

PROJECT NO. 9442
DATE: SEPTEMBER 12, 1997
REVISION:

**SHEET
SP2.6
OF 27 SHEETS**

MATCH LINE - SECTION H-1 -
RE: SHEET SP26



A LAYOUT PLAN - SECTION I


$$I^{\text{III}} = 2\phi' - \phi^{\text{III}}$$

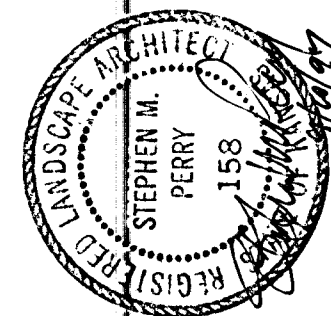
G.C. TO VERIFY LOCATION OF
NEW PATH (N.I.C.) & INSTALL
TRASH RECEPTACLE W/ 4'X4'X4"
CONC. PAD ON SOUTH EDGE
OF PATH. SEE SPECS.

SENECA STREET

N: 23750.74
E: 17450.46

LAYOUT PLAN - SECTION I

PROJECT NO. 9442
DATE: SEPTEMBER 10, 1997
REMOVED:



**RIVERBANK IMPROVEMENTS
MERIDIAN TO SENECA
WICHITA, KANSAS**



ARCHITECTS • PLANNERS • LANDSCAPE ARCHITECTS
125 S. WASHINGTON WICHITA, KANSAS 67202
P.O. BOX 3948 WICHITA, KANSAS 67220
PH. 316.262.0451 • FAX 316.262.5465

MCCUUGAGE VAN SICKLE & PERRY