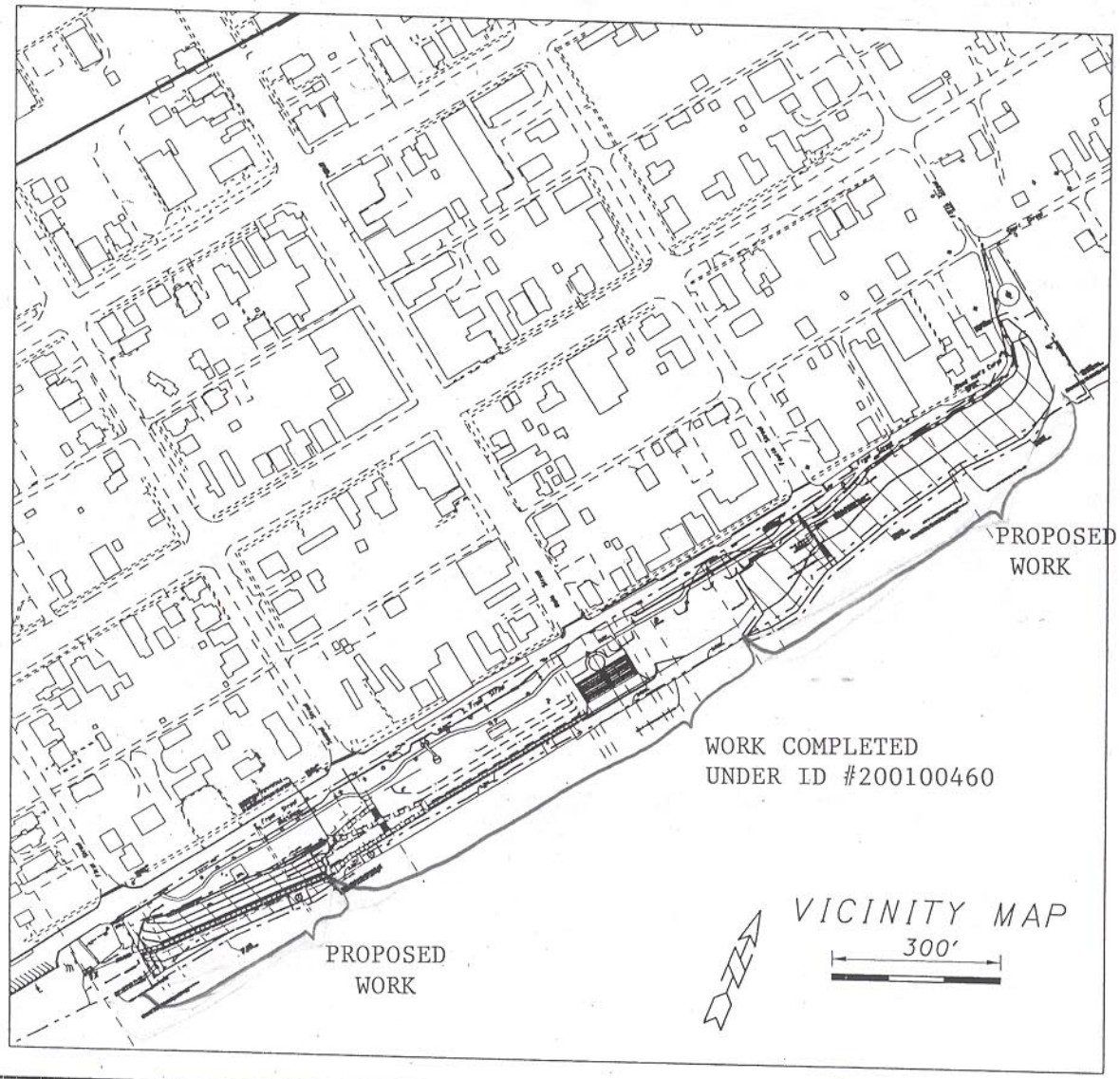
RIVERFRONT EROSION CONTROL, PHASE 3

ALONG FRONT ST. FROM FIRST TO SECOND AND FROM MAIN ST.
TO DEAD MANS CURVE FOR THE CITY OF RISING SUN, INDIANA



INDEX

DESCRIPTION	SHEETS
TITLE SHEET	1
GENERAL NOTES	2 (BLANK)
LAYOUT PLAN	3 - 6
SITE PLAN	7 - 10
GRADING PLAN	11 - 14
LIGHTING PLAN	15
DETAIL SHEETS	16 - 21
CROSS SECTIONS	22 - 28

RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 1 OF 9
COE ID #200201611

APPROVED:

PRELIMINARY
NOT FOR CONSTRUCTION

NO.	DATE	
01	20NOV02	PRELIMINARY

RIVERFRONT EROSION CONTROL PHASE 3
ALONG FRONT ST. FROM 1ST TO 2ND AND
FROM MAIN ST. TO DEAD MAN'S CURVE
RISING SUN, INDIANA

KZF DESIGN
Architecture | Engineering | Interiors | Planning

KZF DESIGN INC.
855 Eden Park Drive
Cincinnati, OH 45202-6000

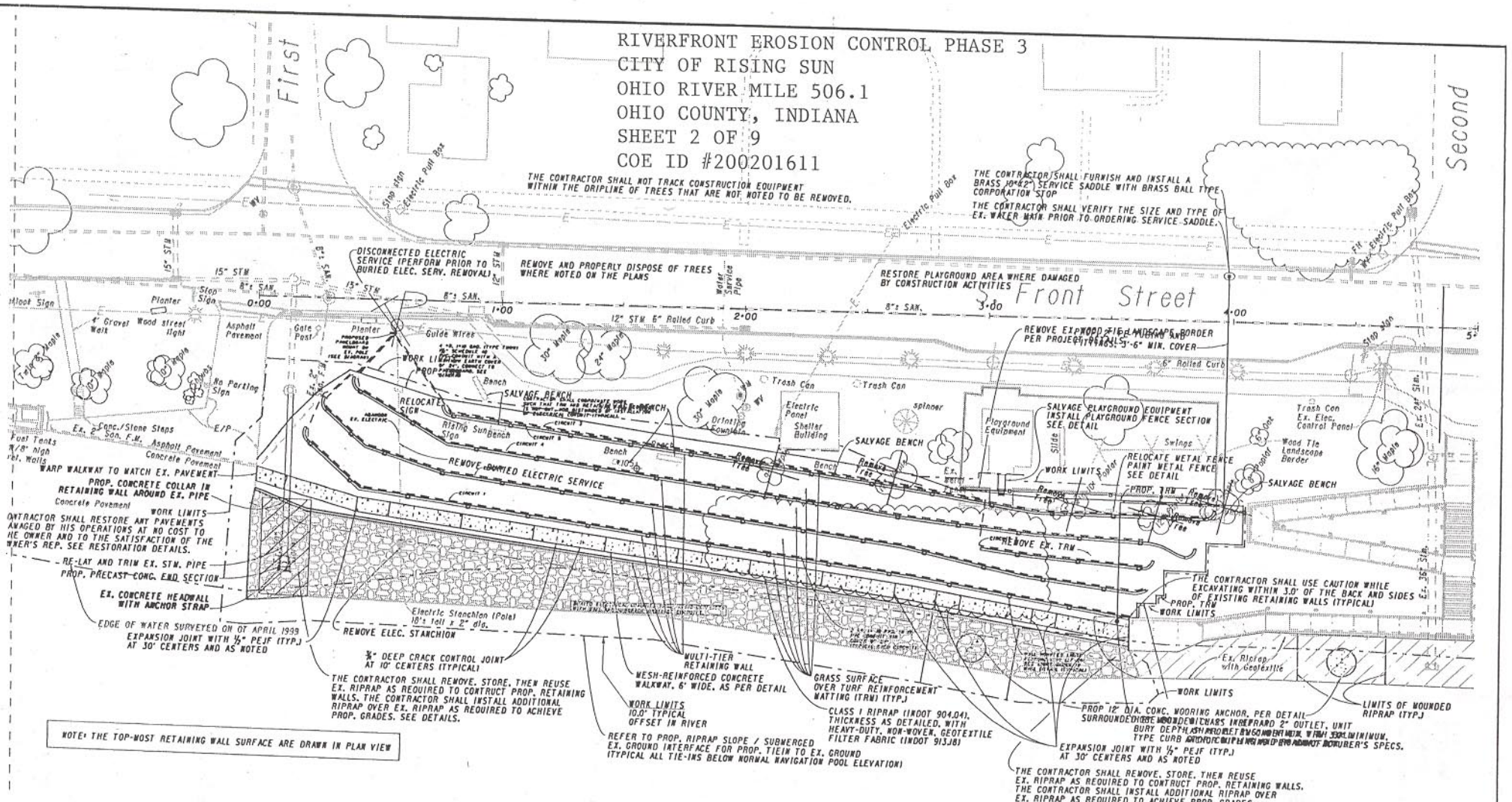
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com

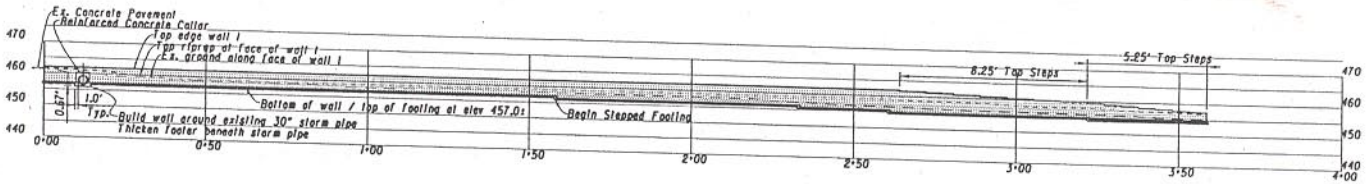
DESIGNED	COMM. NO.
D. KELLER	4487.01 PH 3
DRAWN	DATE
D. KELLER	20 NOV 2002
CHECKED	PROJ. MANAGER
H. FEDDERS	H. FEDDERS

TITLE SHEET

DRAWING NUMBER 01 of 28 ISSUE 01

RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 2 OF 9
COE ID #200201611

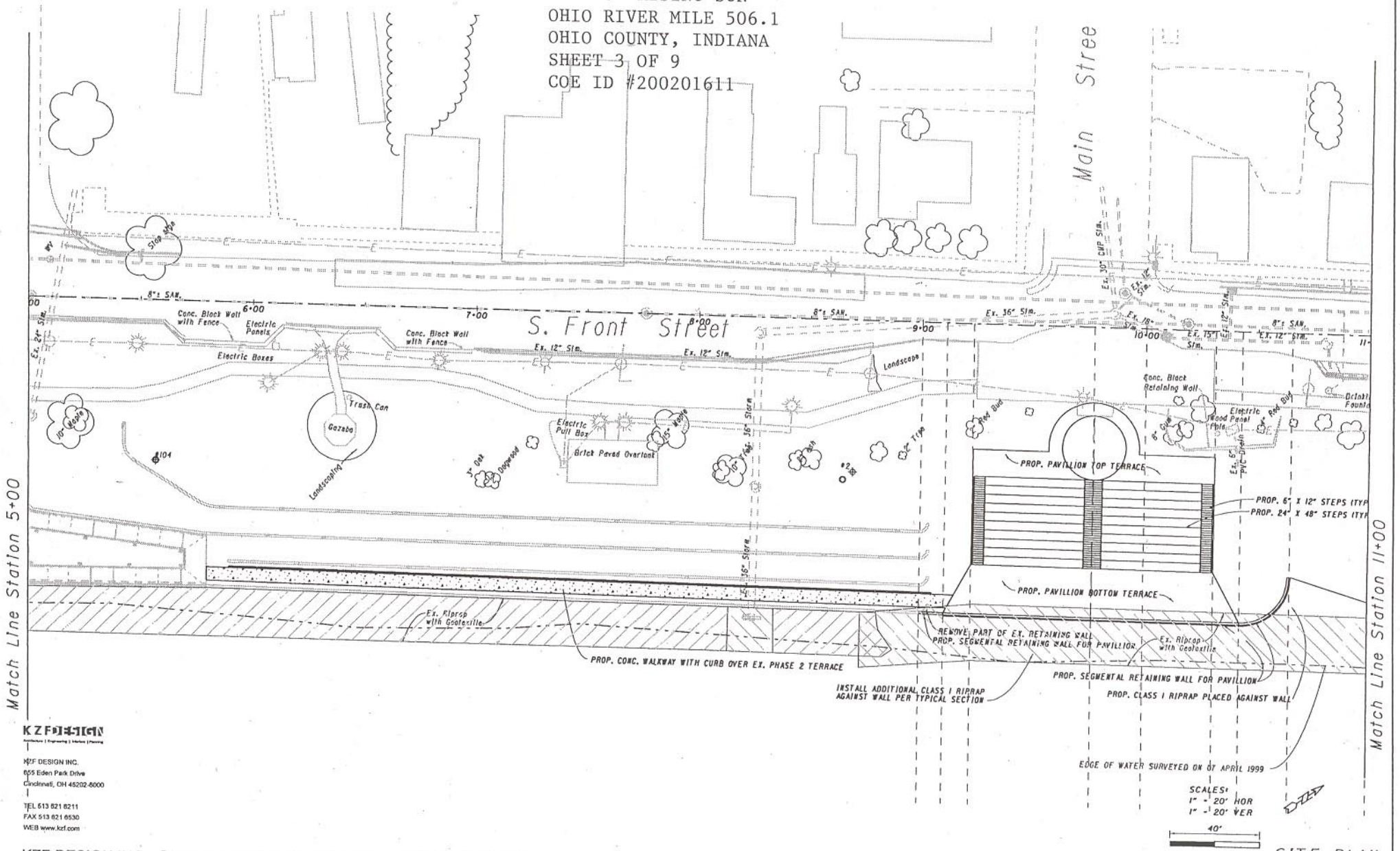




KZF DESIGN
KZF DESIGN INC.
855 Eden Park Drive
Cincinnati, OH 45202-6000
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com

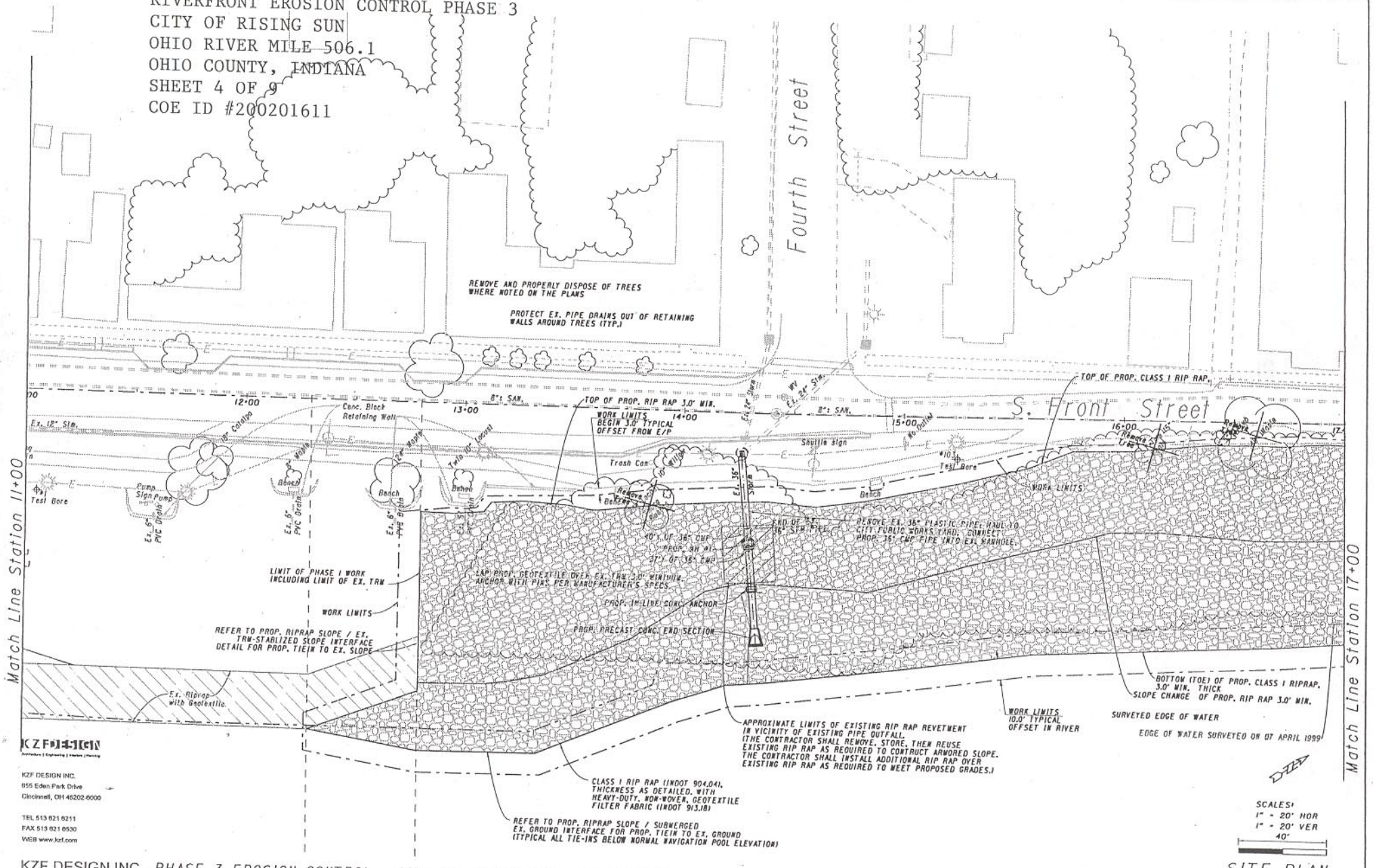
SCALES:
1" = 20' HOR
1" = 20' VER
40'

RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 3 OF 9
COE ID #200201611

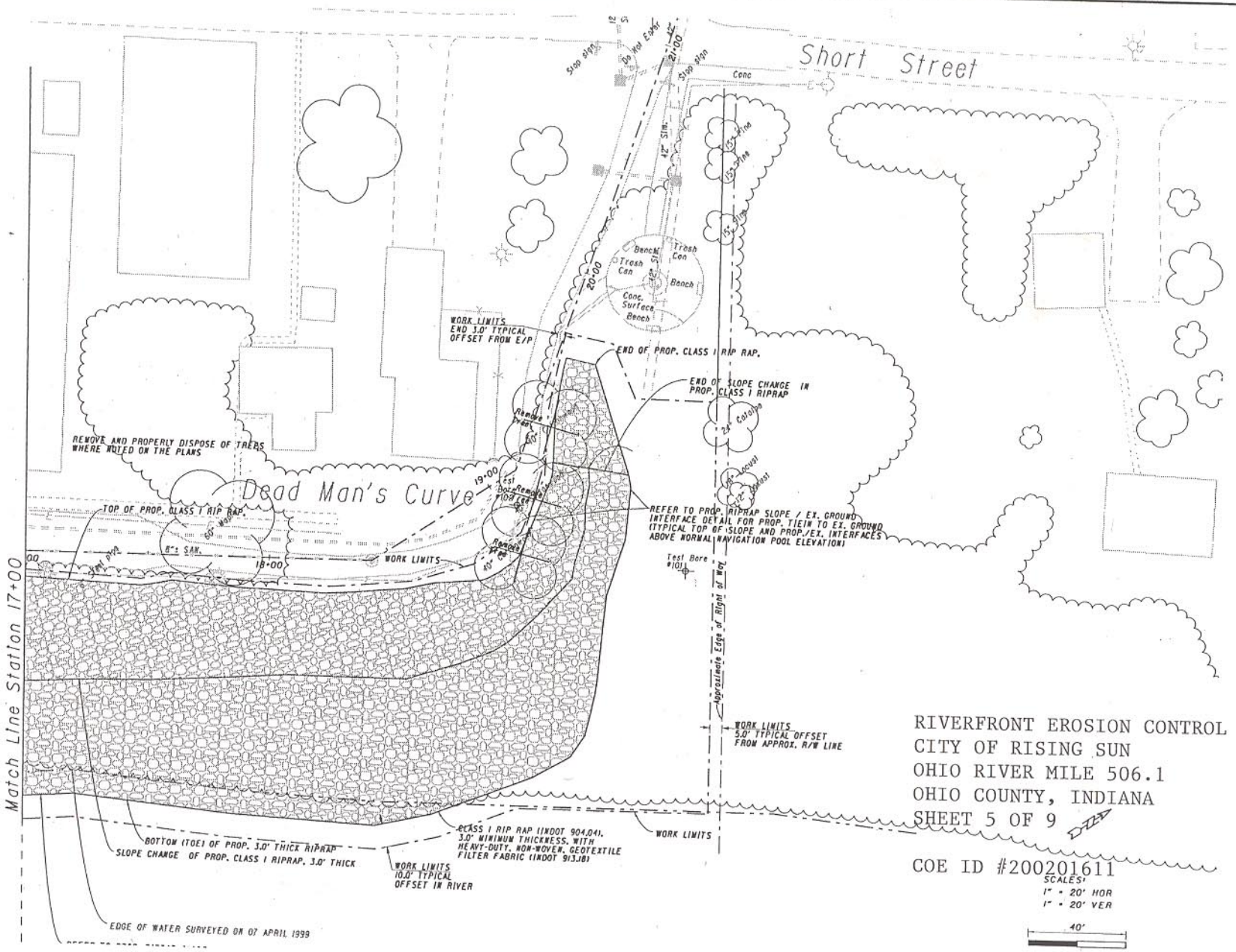


KZF DESIGN
Architecture | Engineering | Interiors | Planning
KZF DESIGN INC.
655 Eden Park Drive
Cincinnati, OH 45202-6000
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com

RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 4 OF 9
COE ID #200201611



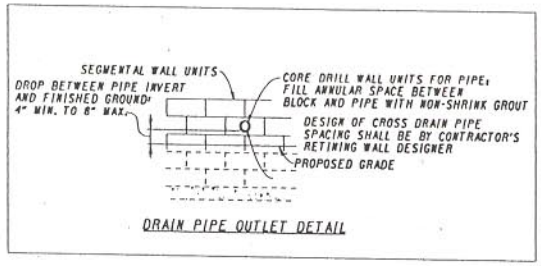
KZF DESIGN
Architecture | Engineering | Interiors | Planning
KZF DESIGN INC.
855 Eden Park Drive
Cincinnati, OH 45202-6000
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com



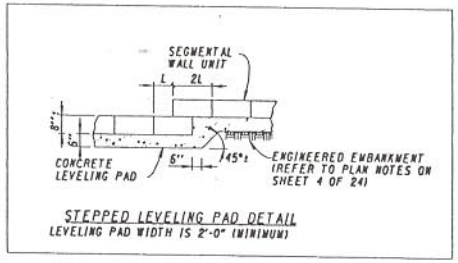
RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 5 OF 9

COE ID #200201611

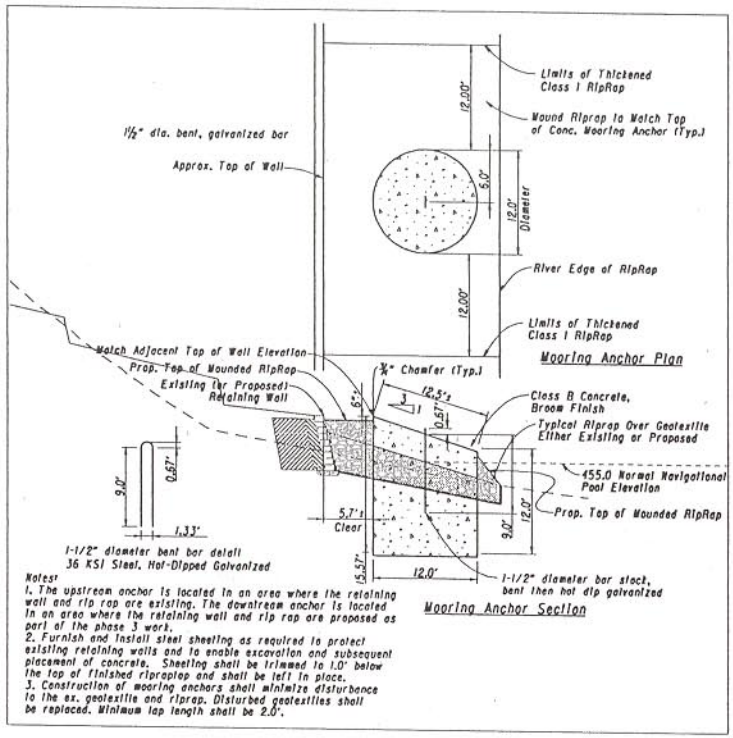
KZF DESIGN
Architecture | Engineering | Interiors | Planning
KZF DESIGN INC.
655 Eden Park Drive
Cincinnati, OH 45202-8000
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com



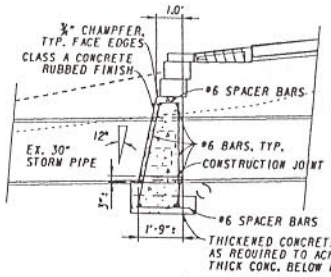
DRAIN PIPE OUTLET DETAIL



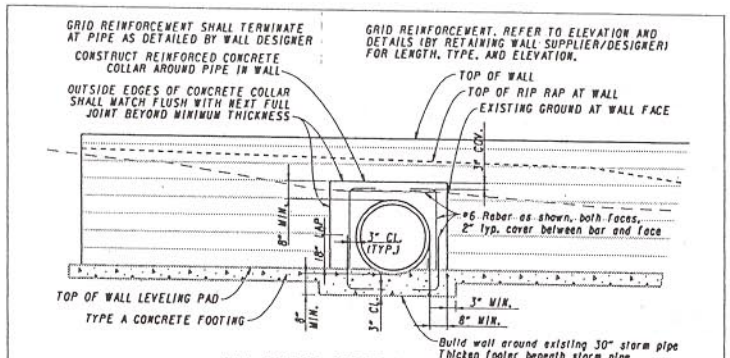
STEPPED LEVELING PAD DETAIL
LEVELING PAD WIDTH IS 2'-0" (MINIMUM)



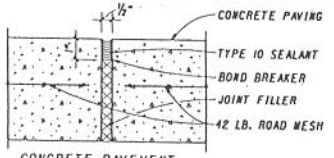
Notes:
1. The upstream anchor is located in an area where the retaining wall and rip rap are existing. The downstream anchor is located in an area where the retaining wall and rip rap are proposed as part of the phase 3 work.
2. Furnish and install steel sheeting as required to protect existing retaining walls and to enable excavation and subsequent placement of concrete. Sheeting shall be trimmed to 1.0' below the top of finished riprap and shall be left in place.
3. Construction of mooring anchors shall minimize disturbance to the ex. geotextile and riprap. Disturbed geotextiles shall be replaced. Minimum lap length shall be 2.0'.



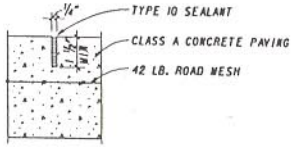
SECTION DETAIL OF CONC. COLLAR IN WALL AROUND EX. STORM PIPE AT STA. 0+12



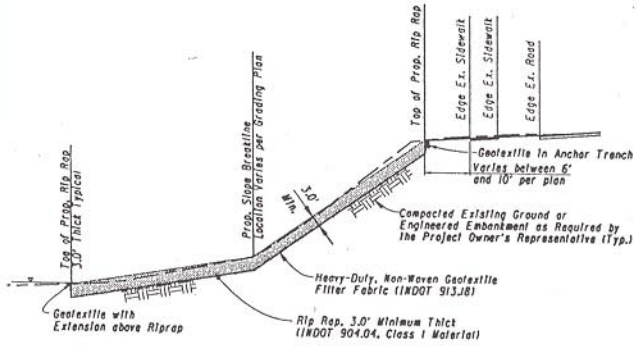
WALL AT PIPE OUTLET DETAIL
(30" STORM PIPE AT STA. 0+12)



CONCRETE PAVEMENT EXPANSION JOINT

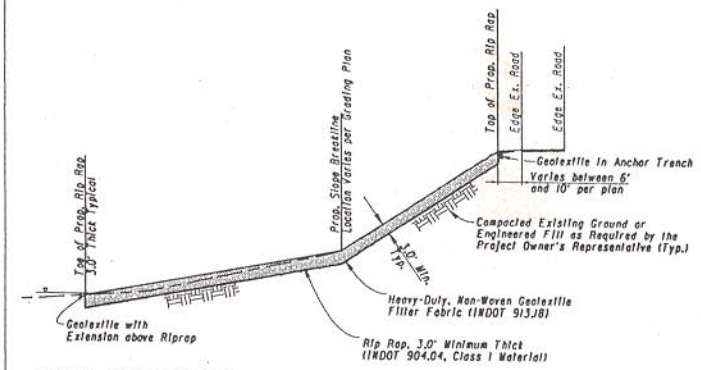


CONCRETE PAVEMENT CONTROL JOINT



SECTION AT STATION 15+13
TYPICAL OF PROJECT SLOPES; SEE CROSS SECTIONS AND GRADING PLAN FOR ADDITIONAL DETAILS

Notes:
1. Proposed Rip Rapped area shall be cleared and grubbed to 3.0' deep minimum then compacted.



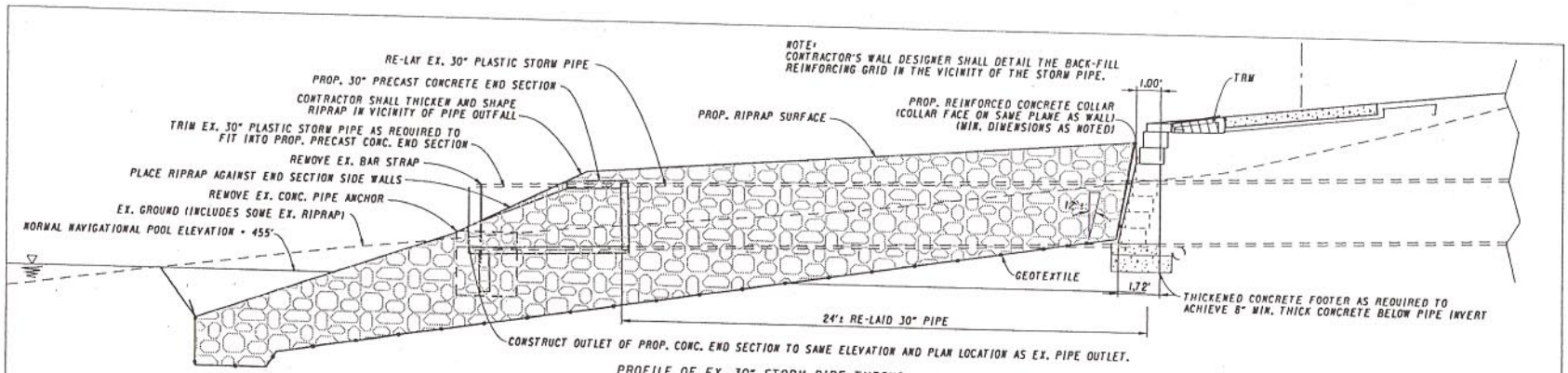
SECTION AT STATION 18+00
TYPICAL OF PROJECT SLOPES; SEE CROSS SECTIONS AND GRADING PLAN FOR ADDITIONAL DETAILS

Notes:
1. Proposed Rip Rapped area shall be cleared and grubbed to 3.0' deep minimum then compacted.

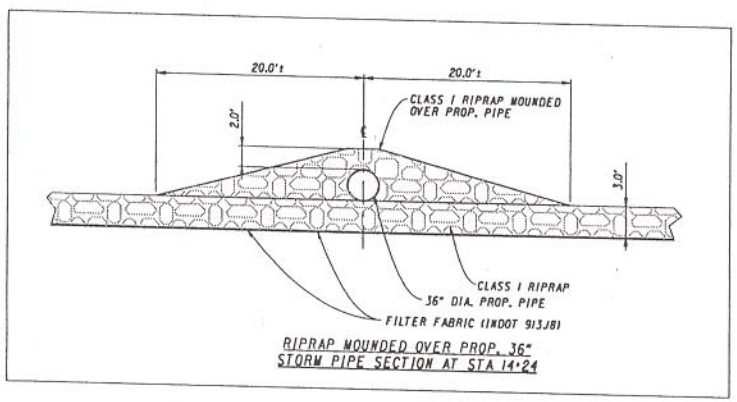
KZF DESIGN INC.
655 Eden Park Drive
Cincinnati, OH 45202-6000

TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com

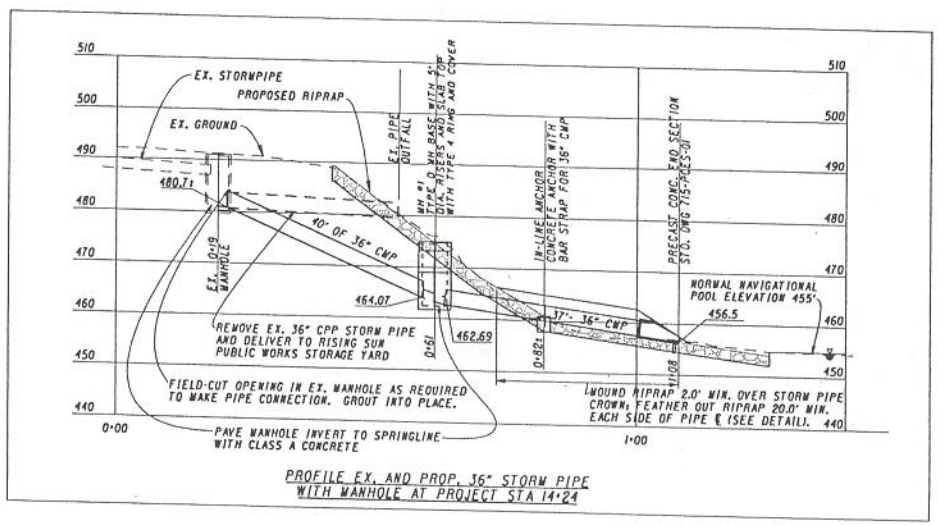
RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 7 OF 9
COE ID #200201611



PROFILE OF EX. 30" STORM PIPE THROUGH WALL AT STA. 0+12



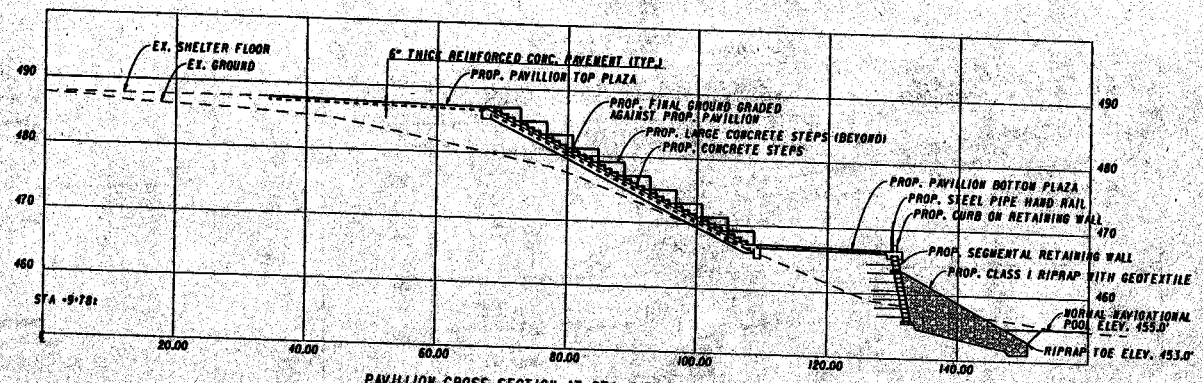
RIPRAP MOUNDED OVER PROP. 36" STORM PIPE SECTION AT STA 14+24



PROFILE EX. AND PROP. 36" STORM PIPE WITH MANHOLE AT PROJECT STA 14+24

Architecture | Engineering | Interiors | Planning
KZF DESIGN INC.
666 Eden Park Drive
Cincinnati, OH 45202-6000
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com

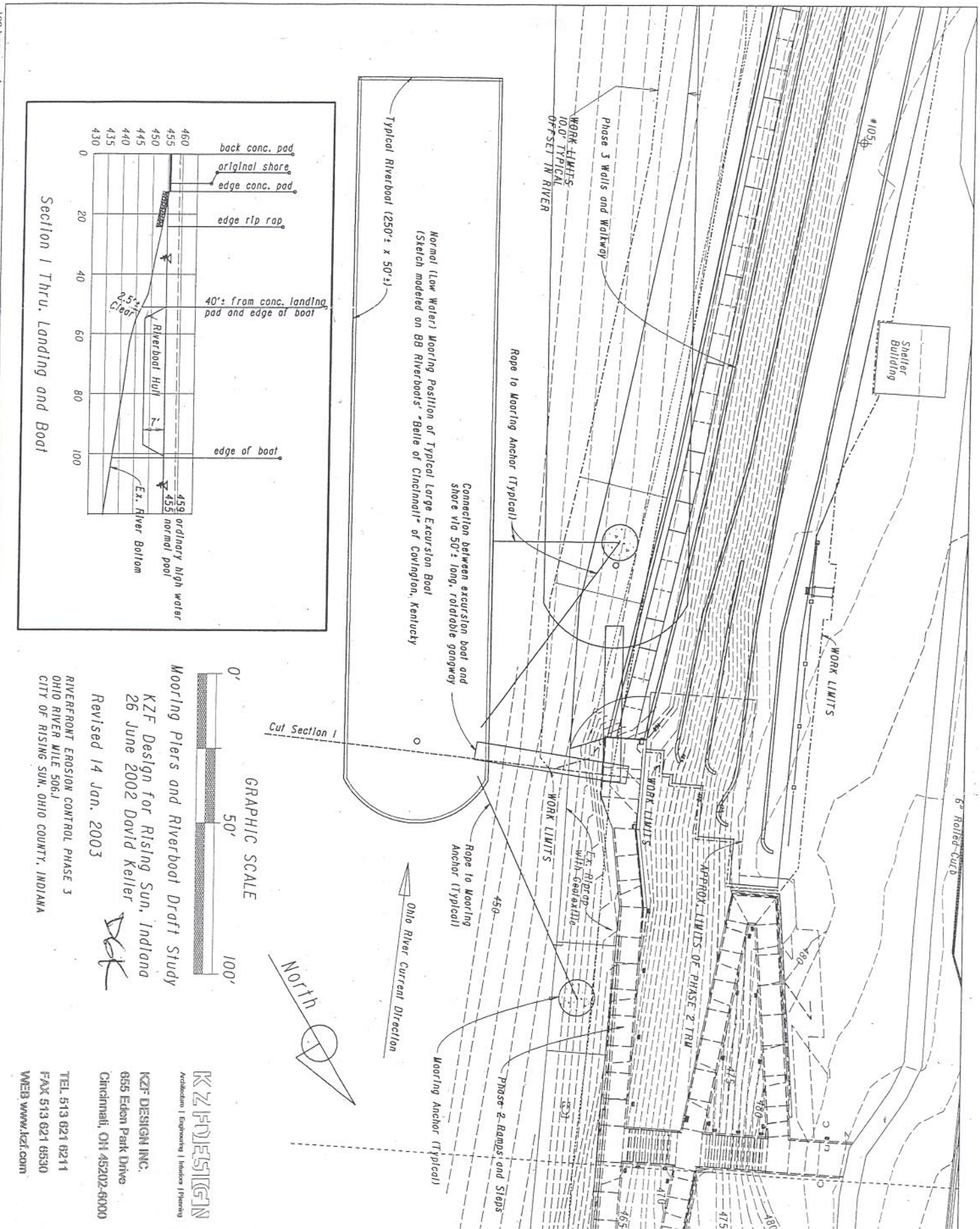
RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 8 OF 9
COE ID #200201611



PAVILLION CROSS SECTION AT STA. 9+78

KZF DESIGN
Architecture | Engineering | Interior Planning
KZF DESIGN INC.
666 Eden Park Drive
Cincinnati, OH 45202-6000
TEL 513 621 6211
FAX 513 621 6530
WEB www.kzf.com

RIVERFRONT EROSION CONTROL PHASE 3
CITY OF RISING SUN
OHIO RIVER MILE 506.1
OHIO COUNTY, INDIANA
SHEET 9 OF 9
COE ID #200201611



...\09-basemap-fromcomposite.dgn 01/14/2003 03:00:57 PM