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RIVERFRONT EXTENSION FTA FAIN # MO-2022-002-00 KCATA PROJECT No.: 2021-SC-3P01 KCMO PROJECT No.: 89022015 ISSUED FOR BID DECEMBER 2022 (T49N, R33W)

https://www.kcata.org/about_kcata/entries/current_opportunities

This work will be called Package 6 (Pkg 6) and will be posted on KCATA's website for a General Contractor bid.

These plans have been separated into different packets to assist potential subcontractors in reviewing their potential scopes of work.

RIVER CHRIS BOND HEART AMERI BRIDG MISSOURI GUINOTTE AVE PROPOSED RIVERFRONT EXTENSION BRIDGE INDEPENDENCE AVE ST VEHICLE B MAINTENANCE LOCUST FACILITY Ē BEARDSLI I-70 AVE LENGTH OF PROJEC US PROSPECT BEGINNING OF PROJECT STA STA REE END OF PROJECT STA 1-35 STA ŝ PROJECT TRACK LENGTH 3,7 Z 3,65 МΑ EXISTING MAINLINE TOTAL TRACK LENGTH 7,44

APPROVED

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BY KCATA PROJECT MANAG	FR	
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KCMO DIRECTOR OF TRA	NSPORTATION	
KCMO CITY ENGINEER		
KCMO DIRECTOR OF PUB	LIC WORKS	
KANSAS CITY STREETCA	R AUTHORITY	
PORT AUTHORITY OF KA (PORT KC)	NSAS CITY, MISSOURI	
ENTRY NO.		This set of plans is not for construction. These plans are intended to build
113+00.00 NB MAINLINE 199+89.24 SB MAINLINE 150+82.51 NB MAINLINE 236+48.29 SB MAINLINE	FJS	interest in bidding 002 the project. FOR SCALE FOR 22*X34': NOT TO SCALE FILENAME: COOL doe
83 TF NB 59 TF SB 2 TF (1.4 MILES)	10450 Holmes Road Suite 600 Kansas City, MO 64131-3471 816-360-2700 Certificate of Authority: 000856	GOULAGN CONTRACT NO.: CONTRACT NO. *** VOLUME: DRAWING NO.: SHEET NO.: G001 1

dwg TITLE	DESCRIPTION	# dwg TITLE	DESCRIPTION
	GENERAL SHEETS	60 K304A SOUTHBOUND 115RE TRACK PROFILE	SB STA 211+00 TO STA 215+00
GOO1 TITLE SHEET AND LOCATION MAP		61 K305 NORTHBOUND 115RE TRACK PLAN AND PROFILE	NB STA 125+00 TO STA 129+00
GO10 INDEX OF DRAWINGS	SHEET 1	62 K305A SOUTHBOUND 115RE TRACK PROFILE	SB STA 215+00 TO STA 219+00
GO11 INDEX OF DRAWINGS	SHEET 2	63 K306 NORTHBOUND 115RE TRACK PLAN AND PROFILE	NB STA 129+00 TO STA 133+00
G012 INDEX OF DRAWINGS	SHEET 3	64 K306A SOUTHBOUND 115RE TRACK PROFILE	SB STA 219+00 TO STA 223+00
G013 INDEX OF DRAWINGS	SHEET 4		TRACK DETAILS
GO30 STANDARD ABBREVIATIONS	SHEET 1 OF 2	65 K901 TRACK SLAB DETAILS	DETAIL SHEET 1 OF 5
GO31 STANDARD ABBREVIATIONS	SHEET 2 OF 2	66 K902 TRACK SLAB DETAILS	DETAIL SHEET 2 DF 5
G032 DCS GENERAL SYMBOLS AND ABBREVIATIONS		67 K903 TRACK SLAB DETAILS	DETAIL SHEET 3 OF 5
G035 STANDARD SYMBOLS		68 K904 TRACK SLAB DETAILS	DETAIL SHEET 4 DF 5
G036 TRACTION POWER SYMBOLS		69 K905 TRACK SLAB DETAILS	DETAIL SHEET 5 OF 5
G037 TRACTION POWER ABBREVIATIONS		70 K906 115 RE AND 112 TRAM RAIL SECTIONS	
G038 SYSTEMWIDE ELECTRICAL ABBREVIATIONS AND SYMBOLS		71 K907 TRANSITION RAIL	
GO40 GENERAL NOTES		72 K908 25M/25M EQUILATERAL CONTINDUSLY CURVED FROG TURNOUT	
GO41 DCS GENERAL NOTES		73 K909 25M CONTINUOUSLY CURVED FROG TURNOUT	
G042 OCS STRUCTURAL STEEL AND CONCRET NOTES		74 K910 25M CONTINUOUSLY CURVED FROG TURNOUT	
G043 TRACTION POWER GENERAL NOTES		75 K911 25M STRAIGHT FROG TURNOUT	
	SURVEY CONTROL	76 K912 TURNOUT ENCAPSULATION AND SECTION DETAILS	
SV001 SURVEY CONTROL	SHEET 1 OF 2	77 K913 MANHOLE REBAR DETAIL	DETAIL SHEET 1 OF 2
SV002 SURVEY CONTROL	SHEET 2 OF 2	78 K914 MANHOLE REBAR DETAIL	DETAIL SHEET 2 OF 2
	DEMOLITION PLANS	79 K915 TRACK DRAIN DETAILS	
C501 DEMOLITION PLAN	NB STA BEGIN TO STA 113+00	80 K916 HORIZONTAL PRECURVED RAIL LOCATION MAP	
C502 DEMOLITION PLAN	NB STA 113+00 TO STA 117+92	81 K917 HORIZONTAL PRECURVED RAIL DETAILS	
C503 DEMOLITION PLAN	NB STA 117+92 TO STA 121+00	82 K918 RESTRAINING RAIL	
C504 DEMOLITION PLAN	NB STA 121+00 TO STA 125+00	83 K919 INSULATED JOINT 115 RE RAIL	
C505 DEMOLITION PLAN	NB STA 125+00 TO STA 129+00	84 K920 TRACK SLAB JOINTS	
C506 DEMOLITION PLAN	NB STA 129+00 TO STA 133+00	85 K921 END OF LINE CURB STOP	
C507 DEMOLITION PLAN	NB STA 133+00 TO STA 135+50	86 K922 TRACK SLAB INFILL GRADING DETAIL	
C508 DEMOLITION PLAN	NB STA 135+50 TO STA 139+50	87 K923 112 TRAM RAIL EXPANSION JOINTS	
C509 DEMOLITION PLAN	NB STA 139+50 TO STA 143+50	88 K923A 115 RE RAIL EXPANSION JOINTS	
C510 DEMOLITION PLAN	NB STA 143+50 TO STA 147+50	89 K924 ND. 4 STRAIGHT FROC CROSSOVER	
C511 DEMOLITION PLAN	NB STA 147+50 TO END		CIVIL DETAILS
C512 DEMOLITION PLAN	2ND STREET TO VMF	90 COO1 TYPICAL SECTIONS 1	
	TRACK PLAN AND PROFILES	91 COO2 TYPICAL SECTIONS 2	
KOO1 TRACK KEY MAP		92 COO3 TYPICAL SECTIONS 3	
K101 NORTHBOUND TRACK PLAN AND PROFILE	NB STA BEGIN TO STA 113+50	93 COO4 TYPICAL DRIVEWAY DETAILS	
K101A EXISTING TRACK TIE-IN PROFILE STA -1+00 TO STA 2+50	SB TRACK PROFILE STA 199+00 TO STA 203+00	94 COO5 TYPICAL CURB DETAILS	
K102 NORTHBOUND TRACK PLAN AND PROFILE	NB STA 113+50 TO STA 117+00	95 COO6 MISCELLANEOUS CIVIL DETAILS	
	SB TRACK PROFILE STA 203+00 TO STA 207+00		CIVIL PLANS
K102A VMF LEAD PROFILE STA -0+50 TO STA 3+00		96 C101 CIVIL PLAN	NB STA BEGIN TO STA 113+00
K102A VMF LEAD PROFILE STA -0+50 TO STA 3+00 K103 NORTHBOUND TRACK PLAN AND PROFILE	NB STA 117+00 TO STA 121+00	I DO I CIVIL FLAN	
K103 NORTHBOUND TRACK PLAN AND PROFILE	NB STA 117+00 TO STA 121+00 SB STA 207+00 TO STA 211+00	97 C102 CIVIL PLAN	NB STA 113+00 TO STA 117+00
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REV	DATE	DESCRIPTION	DESIGNED BY	ммо		This set of plans is	ISSUED FOR BID DATE: 12-23-2022	KANSAS CITY ST
			CHECKED BY	JWR	🚔 RideKC	not for construction.	HDR Engineering, Inc.	
			-		STREETCAR	C These plans are	10450 Holmes Road Suite 600	
			CHECKED BY APPROVED BY	JWR NKS		intended to build interest in bidding 22	Kansas City, MO 64131-3471 816-360-2700 Certificate of Authority: 000856	
PLOT DATE:	\$DATE\$	\$TIME\$	 DATE 12-23	3-2022		In the project.	NOT FOR CONSTRUCTION	1

AMP NOTES AND DETAILS		
HEET 1 OF 2		
HEET 2 OF 2		
RADING PLAN		
RADING PLAN		
ND STREET TO VMF		
	SCALE FOR 22"	×34":
TREETCAR - RIVERFRONT EXTENSION	NOT TO SCALE	
	FILENAME:	
	6010.dgn	
	CONTRACT NO.:	
INDEX OF DRAWINGS	CONTRACT NO. **	•
	VOLUME:	
SHEET 1	I DRAWING NO.:	SHEET NO .:
	G010	2
		-

# dwg TITLE	DESCRIPTION	# dwg	TITLE	DESCRIPTION
20 C311 GRADING LAYOUT PLANS		181 P310		PLANS AND ELEVATIONS
1 C312 GRADING LAYOUT PLANS		182 P311		SHELTER ROOF PLAN AND RCP
C313 GRADING LAYOUT PLANS			"TYPE B" SHELTER	SHELTER ENLARGED PLANS
C314 GRADING LAYOUT PLANS		184 P313	"TYPE B" SHELTER	ENLARGED ELEVATION AND SECTION
C315 POINT TABLES		185 P361	SHELTER DETAILS	
C316 POINT TABLES		186 P362	SHELTER DETAILS	
	TPSS PLANS		"TYPE B" SHELTER DETAILS	ADD ALTERNATE
5 C401 TRACTION POWER SUBSTATION (TPSS)	RIVERFRONT GRADING PLAN	188 P371	MARKER SECTION AND DETAILS	
7 C402 TRACTION POWER SUBSTATION (TPSS)	RIVERFRONT DUCTBANK PLAN		MARKER SECTION AND DETAILS	
8 C403 TRACTION POWER SUBSTATION (TPSS)	RIVERFRONT DUCTBANK PROFILE 1	190 P380	ELECTRICAL LIGHTING PLANS AND FIXTURE SCHEDULE	
9 C404 TRACTION POWER AND SCADA SYSTEM	TYPICAL DUCTBANK SECTIONS	191 P401	PLATFORM ITS AND ELECTRICAL GENERAL NOTES	
0 C405 TRACTION POWER SUBSTATION (TPSS)	DUCTBANK SPECIAL DETAILS	192 P402	PLATFORM ROADSIDE ITS 343 CABINET DIAGRAM	
1 C406 TRACTION POWER SUBSTATION (TPSS)	TYPICAL LOW VOLTAGE 5'x7' MANHOLE DETAILS	193 P403	CCTV ATTACHMENT ON OCS AND LIGHT POLE DETAILS	
32 C407 TRACTION POWER SUBSTATION (TPSS)	COMMUNICATIONS AND STRAY CURRENT PULLBOX TYPICAL DETAILS		STREETCAR STOP "RIVER MARKET NORTH"	ELECTRICAL AND ITS PLAN
33 C408 TRACTION POWER SUBSTATION (TPSS)	TYPICAL NEGATIVE RETURN DETAIL TRACK BLOCKOUT DETAIL AND TYPICAL CONDUIT STUB-UP DETAIL		STREETCAR STOP "RIVERFRONT"	ELECTRICAL AND ITS PLAN
4 C409 TRACTION POWER SUBSTATION (TPSS)	TYPICAL NEGATIVE RETURN DETAIL TRACK BLOCKOUT DETAIL AND TYPICAL CONDUIT STUB-UP DETAIL	196 P406	ITS TYPICAL DRAWING	TYPICAL STOP ELECTRICAL SCHEDULES AND DETAILS
	TPSS DETAILS			PLATFORM STRUCTURAL
5 J101 TRACTION POWER SYSTEM	MASTER SINGLE LINE DIAGRAM RIVERFRONT EXTENSION		STRUCTURAL GENERAL NOTES	
6 J610 TRACTION POWER	TYPICAL MAINLINE TPSS SINGLE LINE SINGLE LINE DIAGRAM	198 PS002		
7 J620 TRACTION POWER	TYPICAL PREFABRICATED TPSS PLAN EQUIPMENT LAYOUT PLAN	199 PS101		
8 J621 TRACTION POWER	TYPICAL PREFABRICATED TPSS - EXTERIOR ELEVATIONS ELEVATION VIEW	200 PS102		
9 J622 TRACTION POWER	TYPICAL PREFABRICATED TPSS INTERIOR ELEVATIONS INTERIOR ELEVATIONS	201 PS201		
0 J623 TRACTION POWER	TYPICAL SURGER ARRESTER INTERIOR ELEVATIONS	202 PS202		
11 J630 TRACTION POWER	TPSS D1 SITE RACEWAY LAYOUT		TYPICAL CONCRETE DETAILS	
2 J632 TRACTION POWER	TPSS D1 GROUND GRID LAYOUT	204 PS302		
3 J640 TRACTION POWER	TYPICAL DISCONNECT SWITCH ARRANGEMENT		"TYPE B" SHELTER CONCRETE DETAILS	
14 J642 TRACTION POWER	120/208V AC PANEL ADP PANEL SCHEDULE	206 PS501	TYPICAL STEEL SECTIONS AND DETAILS	
5 J643 TRACTION POWER	125V DC PANEL DDP PANEL SCHEDULE			PLATFORM ELEVATION PLANS
6 J644 TRACTION POWER	TYPICAL TPSS LIGHTING SCHEMATIC		"RIVER MARKET NORTH" PLATFORM	SIGNAGE LOCATION ELEVATION
7 J645 TRACTION POWER	TYPICAL TPSS RECEPTACLES AND SMOKE DETECTOR SCHEMATIC		"RIVERFRONT" PLATFORM	SIGNAGE LOCATION ELEVATION
8 J646 TRACTION POWER	TYPICAL TPSS HVAC AND VENTILATION SCHEMATIC		SIGNAGE TYPES OVERVIEW	
19 J648 TRACTION POWER	LOGIC DIAGRAMS SYMBOLS AND LEGEND		SIGNAGE TYPES OVERVIEW	
0 J649 TRACTION POWER	SUBSTATION LOCKOUT AND ALARM LOGIC DIAGRAM		SIGNAGE TYPES OVERVIEW	
51 J650 TRACTION POWER	AC SWITCHGEAR INCOMING CUBICLE LOGIC DIAGRAM		SIGNAGE TYPES OVERVIEW	
52 J652 TRACTION POWER	TYPICAL DC FEEDER CUBICLE LOGIC DIAGRAM SHEET 1 OF 2	213 P507	"RIVER MARKET NORTH" PLATFORM	WAYFINDING PLAN
53 J653 TRACTION POWER	TYPICAL DC FEEDER CUBICLE LOGIC DIAGRAM SHEET 2 OF 2			TRAFFIC SIGNAL LAYOUT PLANS
54 J654 TRACTION POWER	NEGATIVE AND POSITIVE DISCONNECT SWITCH LOGIC DIAGRAM		TRAFFIC SIGNAL GENERAL NOTES	
5 J660 TRACTION POWER	STATION CONTROL CABINET TYPICAL LAYOUT		TRAFFIC SIGNAL LAYOUT PLAN	3RD STREET AND GRAND BOULEVARD
56 J661 TRACTION POWER	RAIL TO GROUND (R2G) CABINET TYPICAL LAYOUT		TRAFFIC SIGNAL LAYOUT PLAN	3RD STREET AND GRAND BOULEVARD
7 J665 TRACTION POWER	TPSS COMMUNICATIONS BLOCK DIAGRAM	217 T101B		3RD STREET AND GRAND BOULEVARD
8 J673 TRACTION POWER	TYPICAL GROUNDING DETAILS	218 T101C		3RD STREET AND GRAND BOULEVARD
9 J680 TRACTION POWER	D1 CONDUCTOR SCHEDULE		TRAFFIC SIGNAL LAYOUT PLAN	2ND STREET AND GRAND BOULEVARD
0 J690 TRACTION POWER	TYPICAL TPSS HMI ALARM SCREEN LAYOUT		TRAFFIC SIGNAL LAYOUT PLAN	2ND STREET AND GRAND BOULEVARD
1 J691 TRACTION POWER	TYPICAL TPSS HMI CONTROL SCREEN LAYOUT		TRAFFIC SIGNAL WIRING DIAGRAM AND PHASING	2ND STREET AND GRAND BOULEVARD
2 J692 TRACTION POWER	TYPICAL TPSS HMI EVENT LOG SCREEN LAYOUT		TRAFFIC SIGNAL SUMMARY OF QUANTITIES	2ND STREET AND GRAND BOULEVARD
3 J693 TRACTION POWER	TYPICAL TPSS HMI NETWORK STATUS SCREEN LAYOUT		TRAFFIC SIGNAL LAYOUT PLAN	BERKLEY PARKWAY / RIVERERDNT DRIVE
4 J694 TRACTION POWER	TYPICAL SUBSTATION FOUNDATION DETAIL		TRAFFIC SIGNAL WIRING DIAGRAM AND PHASING	BERKLEY PARKWAY / RIVERFRONT DRIVE
5 J695 TRACTION POWER	TYPICAL PAD MOUNTED DISCONNECT SWITCH FOUNDATION DETAILS	225 T103C	TRAFFIC SIGNAL SUMMARY OF QUANTITIES	BERKLEY PARKWAY / RIVERFRONT DRIVE
	DRAINAGE PLANS			TRAFFIC SIGNAL DETAILS
6 D101 DRAINAGE PLAN	NB STA BEGIN TO STA 113+00		TRAFFIC SIGNAL DETAILS	CROSS SPAN JOINT USE TRAFFIC/OCS POLE
7 D102 DRAINAGE PLAN	NB STA 113+00 TO STA 117+00		TRAFFIC SIGNAL DETAILS	AUXILIARY CABINET MOUNTING DETAIL
8 D103 DRAINAGE PLAN	NB STA 117+00 TO STA 121+00		TRAFFIC SIGNAL DETAILS	TRAFFIC SIGNAL SYMBOLS
9 D106 DRAINAGE PLAN	NB STA 129+00 TO STA 133+00		TRAFFIC SIGNAL DETAILS	SIGNAL HEAD DETAILS
0 D109 DRAINAGE PLAN	NB STA 139+50 TO STA 143+50		TRAFFIC SIGNAL DETAILS	SIGNAL MAST ARM DETAILS
71 D110 DRAINAGE PLAN	NB STA 143+50 TO STA 147+50		TRAFFIC SIGNAL DETAILS	SIGNAL CONCRETE BASE DETAILS
2 D111 DRAINAGE PLAN	NB STA 147+50 TO END		TRAFFIC SIGNAL DETAILS	SIGNAL PULL BOX DETAILS
73 D301 MISCELLANEOUS DRAINAGE DETAILS			TRAFFIC SIGNAL DETAILS	SIGNAL PULL BOX DETAILS
	PLATFORMS		TRAFFIC SIGNAL DETAILS	SIGNAL PTZ CAMERA INSTALL DETAILS
4 P101 "RIVER MARKET NORTH"	PLATFORM PLAN	235 T210		PEDESTRIAN PUSHBUTTON POLE DETAILS
5 P102 "RIVERFRONT"	PLATFORM PLAN	236 1211	TRAFFIC SIGNAL DETAILS	PEDESTRIAN PUSHBUTTON POLE DETAILS
76 P201 "RIVER MARKET NORTH"	PLATFORM ELEVATION			SIGNING AND STRIPING PLANS
77 P202 "RIVERFRONT"	PLATFORM ELEVATION		SIGNING AND STRIPING	GENERAL NOTES
78 P203 PLATFORM SITE DETAILS			SIGNING AND STRIPING PLAN	5TH TO 3RD STREET
79 P204 PLATFORM SEAT WALL DETAILS			SIGNING AND STRIPING PLAN	NB STA BEGIN TO STA 113+00
30 P302 "TYPE A" SHELTER	PLANS AND ELEVATIONS	240 5102	SIGNING AND STRIPING PLAN	NB STA 113+00 TD STA 117+00
		0.44	SIGNING AND STRIPING PLAN	NB STA 117+00 TD STA 121+00

REV DATE	DESCRIPTION	DESIGNED BY	ммо		This set of plans is	ISSUED FOR BID DATE: 12-23-202	²² KANSAS CITY STR
PLOT DATE: \$DATE\$	\$TIM	CHECKED BY DRAWN BY CHECKED BY APPROVED BY	JWR MMQ JWR NKS 2-23-2022	RideKC STREETCAR	not for construction. These plans are intended to build interest in bidding.22 the project.	HDR Engineering. Inc. 10450 Holmes Road Suite 600 Kansas City, MO 64131-3471 816-830-2700 Certificate of Authority: 000856 NOT FOR CONSTRUCTION	11

TREETCAR - RIVERFRONT EXTENSION	SCALE FOR 22" NOT TO SCALE	x34":
	FILENAME: GOII.dgn	
INDEX OF DRAWINGS	CONTRACT NO.: CONTRACT NO. **	
SHEET 2	VOLUME:	
	G011	SHEET NO.: 3
	1	1

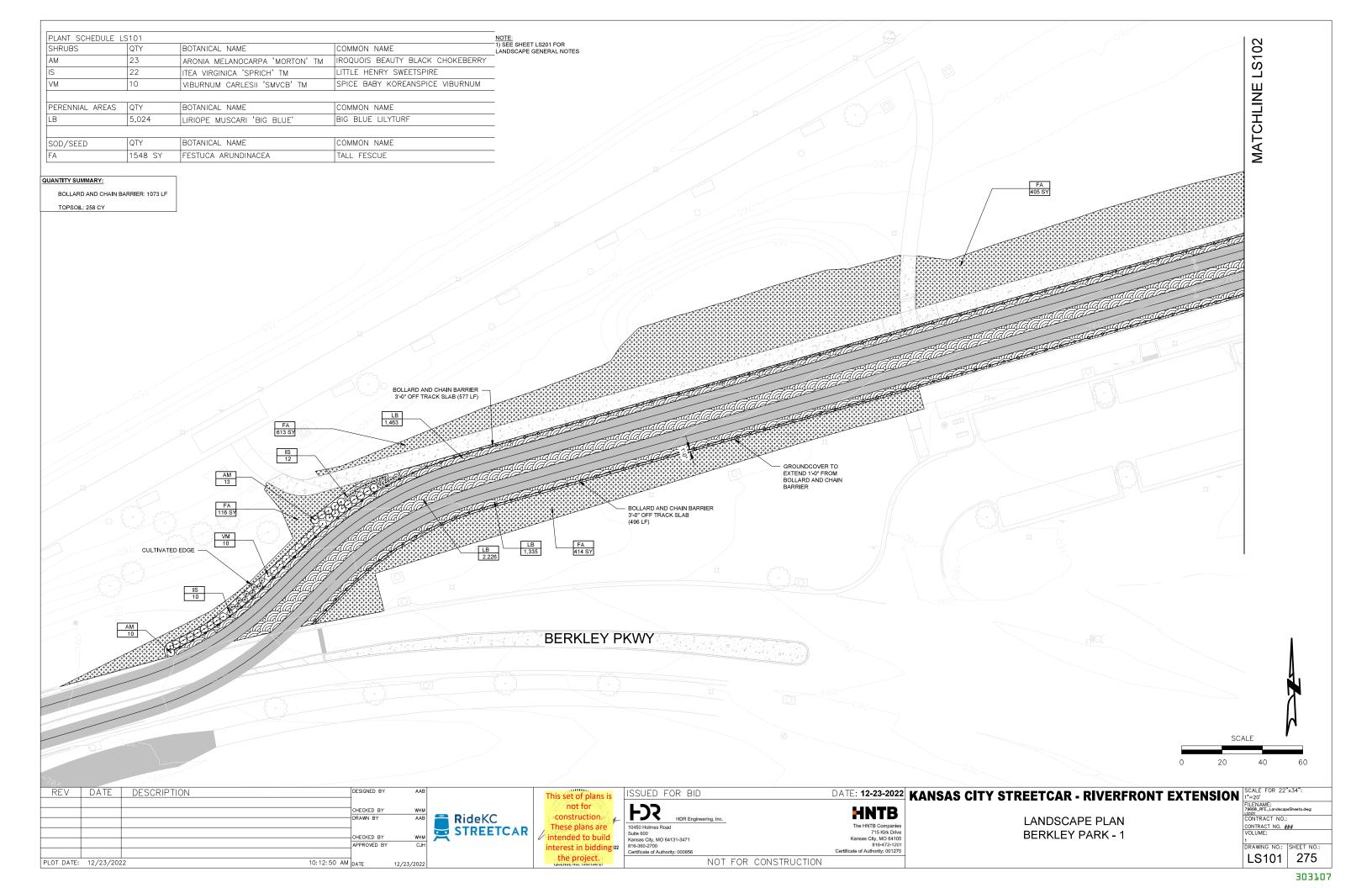
# dwg TITLE	DESCRIPTION	# dwg TITLE	DE
S104 SIGNING AND STRIPING PLAN	NB STA 121+00 TO STA 125+00	302 ST308 BID ALTERNATE - 115RE JOINTS FINGER JOINT MODIFICATION PLAN - PIER 8	
5105 SIGNING AND STRIPING PLAN	NB STA 125+00 TO STA 129+00	303 ST309 BID ALTERNATE - 115RE JOINTS FINGER JOINT MODIFICATION DETAILS	
S106 SIGNING AND STRIPING PLAN	NB STA 129+00 TO STA 133+00	304 ST310 BID ALTERNATE - 115RE JOINTS STRIP SEAL REMOVAL AND REPLACEMENT PLAN - P	IERS
S107 SIGNING AND STRIPING PLAN	NB STA 133+00 TO STA 135+50	305 ST311 BID ALTERNATE - 115RE JOINTS STRIP SEAL DETAILS	
S108 SIGNING AND STRIPING PLAN	NB STA 135+50 TO STA 139+50	306 ST312 BID ALTERNATE - 115RE JOINTS TYPICAL SLAB SECTIONS AND DETAILS	
S109 SIGNING AND STRIPING PLAN	NB STA 139+50 TO STA 143+50	307 ST313 BID ALTERNATE - 115RE JOINTS SLAB REINFORCING - PIER 2	
S110 SIGNING AND STRIPING PLAN	NB STA 143+50 TO STA 147+50	308 ST314 BID ALTERNATE - 115RE JOINTS SLAB REINFORCING - PIER 5	
S111 SIGNING AND STRIPING PLAN	NB STA 147+50 TO END	309 ST315 BID ALTERNATE - 115RE JOINTS SLAB REINFORCING - PIER 8	
S112 SIGNING AND STRIPING PLAN	2ND STREET TO VMF	310 ST316 BID ALTERNATE - 115RE JOINTS SLAB REINFORCING - PIER 11	
S113 PAVEMENT MARKING TABULATION		311 ST317 BID ALTERNATE - 115RE JOINTS SLAB REINFORCING - PIER 12	
S114 SIGN REMOVAL TABULATION		312 ST318 BID ALTERNATE - 115RE JOINTS BILL OF REINFORCING STEEL (SLAB)	
S115 SIGN PANEL DETAILS		313 ST319 BID ALTERNATE - 115RE JOINTS BILL OF REINFORCING STEEL (SLAB)	
	LIGHTING PLANS	314 ST320 BID ALTERNATE - 115RE JOINTS BILL OF REINFORCING STEEL (SLAB)	
LOO1 GENERAL LIGHTING NOTES AND SYMBOL LEGEND		315 ST321 BID ALTERNATE - 115RE JOINTS EAST BARRIER RAIL AT PIER 2, 5 & 8	
L101 LIGHTING PLAN	NB STA BEGIN TO STA 113+00	316 ST322 BID ALTERNATE - 115RE JOINTS EAST BARRIER RAIL AT PIER 11 & 12	
L102 L16HTING PLAN L103 L16HTING PLAN	NB STA 113+00 TO STA 117+00	317 ST323 BID ALTERNATE - 115RE JOINTS EAST BARRIER DETAILS	
L103 LIGHTING PLAN	NB STA 117+00 TO STA 121+00	318 ST324 BID ALTERNATE - 115RE JOINTS WEST BARRIER RAIL AT PIER 2, 5 & 8	
L104 LIGHTING PLAN	NB STA 121+00 TO STA 125+00	319 ST325 BID ALTERNATE - 115RE JOINTS WEST BARRIER RAIL AT PIER 11 & 12	
L105 LIGHTING PLAN	NB STA 125+00 TO STA 129+00	320 ST326 BID ALTERNATE - 115RE JOINTS WEST BARRIER DETAILS	<u> </u>
L106 LIGHTING PLAN	NB STA 129+00 TO STA 133+00	321 ST328 BID ALTERNATE - 115RE JOINTS BARRIER DETAILS 1	
L107 LIGHTING PLAN	NB STA 133+00 TO STA 135+50	322 ST329 BID ALTERNATE - 115RE JOINTS BARRIER DETAILS 2	<u> </u>
L108 LIGHTING PLAN	NB STA 135+50 TO STA 139+50	323 ST330 BID ALTERNATE - 115RE JOINTS BARRIER DETAILS 3	<u> </u>
L109 LIGHTING PLAN	NB STA 139+50 TO STA 143+50	324 ST331 BID ALTERNATE - 115RE JOINTS EAST BARRIER BAR LIST	
L110 LIGHTING PLAN	NB STA 143+50 TO STA 147+50	325 ST332 BID ALTERNATE - 115RE JOINTS WEST BARRIER BAR LIST	0.000
L111 LIGHTING PLAN	NB STA 147+50 TO END	EROSION	-
L112 LIGHTING PLAN	2ND STREET TO VMF	326 EC101 EROSION CONTROL PLAN	NB
	IGHTING DETAILS	327 EC102 ERDSION CONTROL PLAN	NB
L300 STREET LIGHTING DETAILS		328 EC103 ERDSION CONTROL PLAN	NB
L301 STREET LIGHTING DETAILS		329 EC104 EROSION CONTROL PLAN	NB
L 302 POWER AND LIGHTING DETAILS			
L303 POWER AND LIGHTING DETAILS L304 STREET LIGHTING SCHEDULES		330 Y004 TECHNICAL SHEETS CONDUCTOR PARTICULARS 331 Y005 TECHNICAL SHEETS VERTICAL ELECTRICAL CLEARANCE REQUIREMENTS	
L 304 STREET LIGHTING SCHEDULES		331 YOUS TECHNICAL SHEETS VERTICAL ELECTRICAL CLEARANCE REQUIREMENTS	
L305 STREET LIGHTING SCHEDULES		332 YOO6 TECHNICAL SHEETS PANTUGRAPH SECURITY 333 YOO7 TECHNICAL SHEETS TYPICAL OFFSET AND STAGGER DETAILS	
A SOLA HIM POLICIAN IA DE MILEST T Y Y Y Y Y Y Y	ANDSCAPE PLANS	385 YOO9 TECHNICAL SHEETS INSTALLATION TENSION CHART	-
LS101 LANDSCAPE PLAN	BERKLEY PARK - 1	236 YO10 TECHNICAL SHEETS ALONG TRACK MOVEMENT CHART	
LSTOT LANDSCAPE PLAN	BERKLEY PARK - 2	387 Y011 TYPICAL ARRANGEMENTS TYPICAL OVERLAP ARRANGEMENT	
LSTOZ LANDSCAPE PLAN	BERKLEY PARK - 3	338 YO12 TYPICAL ARRANGEMENTS AT GRAND BOULEVARD VIADUCT	
ST05 LANDSCAFE PLAN	GRAND BOULEVARD	389 YO13 TYPICAL ARRANGEMENTS AT APPROACH STRUCTURES	
LS201 LANDSCAPE DETAILS		40 Y021 STRUCTURAL DETAILS TYPICAL POLE DETAIL	
	GE DETAILS 112TRAM	311 Y023 STRUCTURAL DETAILS STREETLIGHT POLE DETAIL	
STIDE BASE AND ALIZARAM ADIN'S GENERAL NOTES			
ST101 BASE BID - 112TRAM JOINTS DECK MILL AND OVERLAY LIMITS	1 OF 3	343 Y031 STRUCTURAL DETAILS TYPICAL FOUNDATION DETAIL	
STIOL BASE BID - 112TRAM JOINTS DECK MILL AND OVERLAY LIMITS	2 OF 3	344 Y033 STRUCTURAL DETAILS STREETLIGHT POLE FOUNDATION DETAIL	
ST103 BASE BID - 112TRAM JOINTS DECK MILL AND OVERLAY LIMITS	3 OF 3	345 Y034 STRUCTURAL DETAILS 2 FT DIAMETER FOUNDATION DETAIL	
ST104 BASE BID - 112TRAM JOINTS MODIFIED FINGER JOINT PLAN	PIERS 2 AND 5	346 Y035 STRUCTURAL DETAILS ROCK SOCKET AND DOWN GUY FOUNDATION DETAILS	
ST105 BASE BID - 112TRAM JOINTS MODIFIED FINGER JOINT PLAN	PIER 8	347 Y036 STRUCTURE DETAIL TYPICAL SPREAD FOOTING FOUNDATION DETAIL	
ST106 BASE BID - 112TRAM JOINTS FINGER JOINT MODIFICATION DETAILS		348 Y037 POLE INSTALLATION DETAILS AT GRAND BOULEVARD VIADUCT	SH
ST107 BASE BID - 112TRAM JOINTS STRIP SEAL PLAN	PIERS 11 AND 12	349 YO38 POLE INSTALLATION DETAILS AT GRAND BOULEVARD VIADUCT	SH
ST108 BASE BID - 112TRAM JOINTS STRIP SEAL DETAILS		350 Y039 STRUCTURAL DETAILS ANCHOR BOLT DETAIL	
ST109 BASE BID - 112TRAM JOINTS BRIDGE TYPICAL SECTIONS		351 Y041 BRACKET ARM ASSEMBLIES SINGLE PIPE BRACKET ARM	1
	TRACK DRAIN DETAILS	352 Y042 BRACKET ARM ASSEMBLIES DOUBLE PIPE BRACKET ARM	
ST201 PLAN VIEW - ABUTMENT 2 - TRACK DRAIN		353 YO43 BRACKET ARM ASSEMBLIES OVERLAP SINGLE PIPE BRACKET ARM	
ST202 APPROACH SLAB EXPANSION JDINT DRAIN DETAIL		354 Y044 BRACKET ARM ASSEMBLIES POLE CLAMP DETAILS	
ST203 EXISTING MSE WALLS		355 Y045 BRACKET ARM ASSEMBLIES BRACKET ARM POLE SOCKET	
ST204 TRACK SLAB DETAIL - OVER UTILITY VAULT		356 Y046 BRACKET ARM ASSEMBLIES OVERLAP BRACKET ARM MOUNTING BRACKET DETAIL	
	DGE DETAILS 115RE	357 Y047 BRACKET ARM ASSEMBLIES SECTION INSULATOR SUPPORT	
ST300 BID ALTERNATE - 115RE JOINTS GENERAL NOTES		358 Y051 SPAN WIRE ARRANGEMENTS CROSS SPAN DETAILS	
ST301 BID ALTERNATE - 115RE JOINTS MILL AND OVERLAY LIMITS - ABUT 1		359 Y052 SPAN WIRE ARRANGEMENTS HEADSPAN ASSEMBLY	
ST302 BID ALTERNATE - 115RE JOINTS CONCRETE REMOVAL - PIER 2		360 Y056 REGISTRATION ASSEMBLIES PULLOVER ASSEMBLIES	SH
ST303 BID ALTERNATE - 115RE JOINTS CONCRETE REMOVAL - PIER 5		361 Y057 REGISTRATION ASSEMBLIES PULLOVER ASSEMBLIES	SH
ST304 BID ALTERNATE - 115RE JOINTS CONCRETE REMOVAL - PIER 8		362 Y058 REGISTRATION ASSEMBLIES PENDULUM SUSPENSION ASSEMBLIES	
ST305 BID ALTERNATE - 115RE JOINTS CONCRETE REMOVAL - PIER 11		363 Y059 REGISTRATION ASSEMBLIES SUSPENSION ASSEMBLIES	
ST306 BID ALTERNATE - 115RE JOINTS CONCRETE REMOVAL - PIER 12			
ST307 BID ALTERNATE - 115RE JOINTS FINGER JOINT MODIFICATION PLAN - PIERS	2 & 5		

REV DATE DESCRIPTION CHECKED BY JWR PLOT DATE: \$DATE \$TIME\$	This set of plans is not for construction. ISSUED FOR BID DATE: 12-23-2022 These plans are intended to build interest in bidding. IMAGE Not Molecular and Authority: 000856 HDR Engineering. Inc. The project. NOT FOR CONSTRUCTION	KANSAS CITY SI
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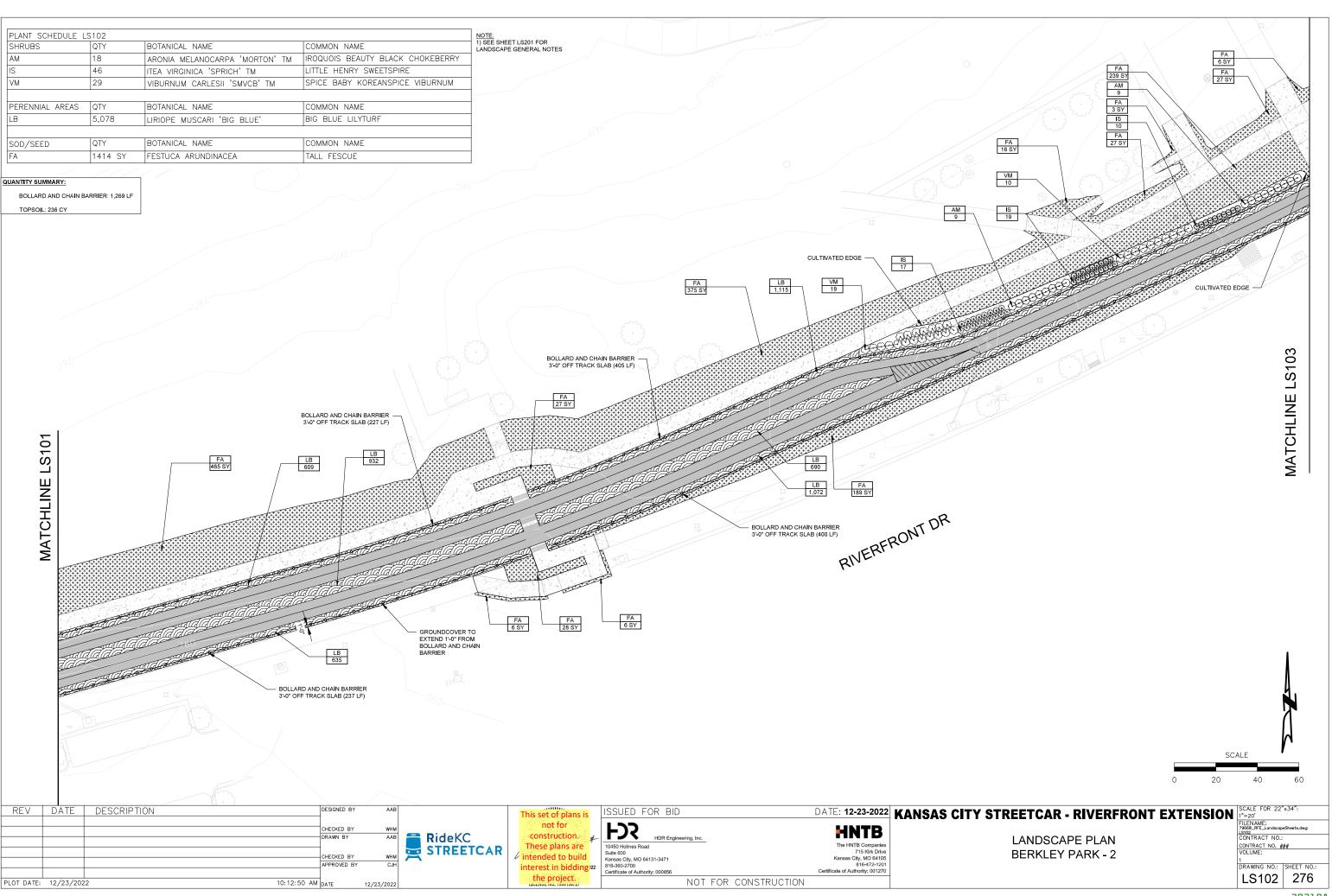
DESCRIPTION	
S 11 & 12	
ITROL PLANS NB STA 135+50 TO STA 139+50	
NB STA 139+50 TO STA 143+50 NB STA 143+50 TO STA 147+50	
NB STA 147+50 TD END CAL SHEETS	
SHEET 1 OF 2	
SHEET 2 OF 2	
SHEET 1 OF 2 SHEET 2 OF 2	
	SCALE FOR 22"×34":
TREETCAR - RIVERFRONT EXTENSION	NOT TO SCALE FILENAME:
INDEX OF DRAWINGS	GOI2.dgn CONTRACT NO.: CONTRACT NO. ***
SHEET 3	VOLUME: I DRAWING NO.: SHEET NO.:
	G012 4

# dwg TITLE DESCRIPTION	# dwg TITLE	DESCRIPTION
364 YO61 IN-SPAN ASSEMBLIES JUMPER ASSEMBLIES	427 Z618 COMMUNICATIONS DETAILS	RING DIAGRAM SHEET 4
365 Y062 IN-SPAN ASSEMBLIES SECTION INSULATOR ASSEMBLY	428 Z619 COMMUNICATIONS DETAILS	RING DIAGRAM SHEET 5
366 Y063 IN-SPAN ASSEMBLIES TYPICAL SPLICE DETAILS	429 Z620 COMMUNICATIONS DETAILS	3RD ST SPLICE
367 Y064 IN-SPAN ASSEMBLIES SPAN SPACER AND CROSS CONTACT WIRE CLAMP ASSEMBLIES	430 Z621 COMMUNICATIONS DETAILS	3RD ST SPLICE INSET
368 Y065 IN-SPAN ASSEMBLIES CONTACT WIRE PROTECTION BOARD	431 Z622 COMMUNICATIONS DETAILS	2ND ST SPLICE
369 Y066 SWITCHING AND FEEDER ASSEMBLIES FEEDER TAP DETAILS 370 Y067 SWITCHING AND FEEDER ASSEMBLIES SURGE ARRESTER DETAILS	432 Z623 COMMUNICATIONS DETAILS 433 Z624 COMMUNICATIONS DETAILS	SUB STATION SPLICE BERKLEY PKWY SPLICE
370 TOGE SECTIONALIZING LARD FEEDER ASSEMBLIES SURGE ARRESTER DETAILS	434 Z625 COMMUNICATIONS DETAILS	RIVERFRONT SPLICE DIAGRAM
372 Y069 POLE GROUND WIRE INSTALLATION GRAND BOULEVARD VIADUCT PIERS	435 Z626 COMMUNICATIONS DETAILS	RIVERFRONT STATION SPLICE
373 YOTO SWITCHING FEEDER ASSEMBLIES FEEDER TAP DETAILS	436 Z627 ITS CONDUIT HANGER DETAILS	
374 Y071 TERMINATION ASSEMBLIES FIXED TERMINATION ASSEMBLY	437 Z628 CONDUIT TRANSITION DETAIL	
375 Y072 TERMINATION ASSEMBLIES SPRING TENSIONER TERMINATION ASSEMBLY	438 Z629 ITS CONDUIT TRANSITION BOX DETAIL	
376 Y081 MISCELLANEOUS POLE NUMBERING DETAIL	439 Z630 ITS CONDUIT EXPANSION/DEFLECTION POINT	
377 Y092 CROSS SECTION HEART OF AMERICA BRIDGE	440 Z631 ITS CONDUIT RISER	
378 Y093 PROFILES HEART OF AMERICA SHEET 1 OF 2		CONTROL PLANS
379 Y094 PROFILES HEART OF AMERICA SHEET 2 OF 2	441 N101 TRAIN CONTROL PLAN	3RD & GRAND
380 Y097 CROSS SECTION CCS FEEDING POINT	442 N102 TRAIN CONTROL PLAN 443 N103 TRAIN CONTROL PLAN	2ND & GRAND
381 Y111 STRUCTURE SCHEDULE POLE AND FOUNDATION SCHEDULE SHEET 1 OF 2 382 Y112 STRUCTURE SCHEDULE POLE AND FOUNDATION SCHEDULE SHEET 2 OF 2	444 N104 TRAIN CONTROL PLAN	FRONT & BERKLEY RIVERFRONT
Jac 112 STRUCTURE SCHEDULE FOLE AND FOUNDATION SCHEDULE CONSTRUCTOR SCHEDULE CONSTRUCTOR SCHEDULE FOLE AND FOUNDATION SCHEDULE FOLE FOLE FOLIA AND FOUNDATION SCHEDULE FOLE FOLE FOLE FOLE FOLE FOLE FOLE FO	445 N105 TRAIN CONTROL PLAN	VMF
005 LATOUT FLANS		IN SIGNALING
384 Y199 MASTER OVERLAP CHART	446 NG00 TRAIN CONTROL TRACK AND CABLE PLAN	3RD & GRAND
385 Y201 OCS LAYOUT PLAN NB STA BEGIN TO STA 113+00	447 N601 TRAIN CONTROL TRACK AND CABLE PLAN	2ND & GRAND
386 Y202 DCS LAYOUT PLAN NB STA 113+00 TD STA 117+00	448 N602 TRAIN CONTROL TRACK AND CABLE PLAN	FRONT STREET
387 Y203 OCS LAYOUT PLAN NB STA 117+00 TO STA 121+00	449 N603 TRAIN CONTROL TRACK AND CABLE PLAN	RIVERFRONT
388 Y204 OCS LAYOUT PLAN NB STA 121+00 TD STA 125+00	450 N604 TRAIN CONTROL ROUTE AND ASPECT CHART	3RD & GRAND
389 Y205 OCS LAYOUT PLAN NB STA 125+00 TO STA 129+00	451 N605 TRAIN CONTROL ROUTE AND ASPECT CHART	2ND & GRAND
390 Y206 OCS LAYOUT PLAN NB STA 129+00 TO STA 133+00	452 N606 TRAIN CONTROL ROUTE AND ASPECT CHART	RIVERFRONT
391 Y207 OCS LAYOUT PLAN NB STA 133+60 TD STA 135+50	453 N607 TRAIN CONTROL TURNOUT BONDING	
332 Y208 OCS LAYOUT PLAN NB STA 135+50 302 Y208 OCS LAYOUT PLAN NB STA 135+50	454 N608 TRAIN CONTROL	TYPICAL SIGNAL CASE LAYOUT RELAY CASE
393 Y209 OCS LAYOUT PLAN NB STA 139+50 TO STA 143+50 394 Y210 OCS LAYOUT PLAN NB STA 143+50 TO STA 147+50	455 N609 TRAIN CONTROL 456 N610 TRAIN CONTROL	TYPICAL SIGNAL CASE FOUNDATION AND GROUNDING DETAILS TYPICAL TWC LOOP INSTALLATION EMBEDDED TRACK
335 1210 005 EArlot NB STA 14750 TO FINA 335 1211 005 LAYOUT NB STA 14750 TO END	457 NG11 TRAIN CONTROL	CABLE / CONDUIT SCHEDULE
396 Y212 DCS BRIDGE GROUNDING LAYOUT PLAN STA 117400 TO STA 121400	458 N612 TRAIN CONTROL	CABLE / CONDUIT SCHEDULE
397 Y213 DCS BRIDGE GROUNDING LAYOUT PLAN STA 121+00 TO STA 125+00	459 N613 TRAIN CONTROL	CABLE / CONDUIT SCHEDULE
398 Y214 DCS BRIDGE GROUNDING LAYOUT PLAN STA 125+00 TO STA 129+00		OF WAY PLANS
399 Y215 OCS BRIDGE GROUNDING LAYOUT PLAN STA 129+00 TO STA 133+00	460 RWO01 RIGHT OF WAY KEY MAP	
400 Y216 OCS LAYOUT PLAN 2ND STREET TO VMF	461 RW101 RIGHT OF WAY PLAN	100 GRAND BLVD
401 Y217 OCS LAYOUT PLAN ENLARGED VIEW	462 RW102 RIGHT OF WAY PLAN	101 GRAND BLVD
COMMIUNICATION SCHEDULES	463 RW103 RIGHT OF WAY PLAN	599 E RIVERFRONT ROAD - SHEET 1
402 Z001 COMMUNICATION SCHEDULE	464 RW104 RICHT OF WAY PLAN	599 E RIVERFRONT ROAD - SHEET 2
COMMIUNICATION PLANS 403 Z101 COMMUNICATIONS PLAN NB STA BEGIN TO STA 113+00	465 RW105 RIGHT OF WAY PLAN 466 RW106 RIGHT OF WAY PLAN	599 E RIVERFRONT ROAD - SHEET 3 599 E RIVERFRONT ROAD - SHEET 4
403 2101 Communications PLAN NB STA BEIN NB STA 117+00 404 2102 COMMUNICATIONS PLAN NB STA 113+00 TO STA 117+00		ETOUR PLAN
405 Z103 COMMUNICATIONS PLAN NB STA 117+00 TO STA 121+00	467 DT101 DETOUR PLAN	
406 Z104 COMMUNICATIONS PLAN NB STA 121+00 TO STA 125+00		ID OVERLAY PLANS
407 Z105 COMMUNICATIONS PLAN NB STA 125+00 TD STA 129+00	468 R101 ROADWAY MILL AND OVERLAY PLAN AND PROFILE	STA 0+00 TD STA 4+00
408 Z106 COMMUNICATIONS PLAN NB STA 129+00 TO STA 133+00	469 R102 ROADWAY MILL AND OVERLAY PLAN AND PROFILE	STA 4+00 TO STA 8+00
409 Z107 COMMUNICATIONS PLAN NB STA 133+00 TO STA 135+50	470 R103 ROADWAY MILL AND OVERLAY PLAN AND PROFILE	STA 19+00 TO STA 23+00
410 Z108 COMMUNICATIONS PLAN NB STA 135+50 TO STA 139+50	471 R104 ROADWAY MILL AND OVERLAY PLAN AND PROFILE	STA 23+00 TO STA 28+00
411 Z109 COMMUNICATIONS PLAN NB STA 139+50 T0 STA 143+50	472 R105 ROADWAY MILL AND OVERLAY PLAN AND PROFILE	2ND STREET TO VMF
412 Z110 COMMUNICATIONS PLAN NB STA 143+50 T0 STA 147+50	473 R201 ROADWAY MILL AND OVERLAY	ALIGNMENT TABLE GRAND BOULEVARD & BERKLEY PARKWAY
413 Z111 COMMUNICATIONS PLAN NB STA 147+50 TO END 414 Z112 COMMUNICATIONS PLAN 2ND STREET TO VMF	474 XSO1 ROADWAY MILL AND OVERLAY CROSS SECTIONS	ERLAY CROSS SECTIONS GRAND BOULEVARD
COMMUNICATION DETAILS	475 XS02 ROADWAY MILL AND OVERLAY CROSS SECTIONS	GRAND BOULEVARD
415 Z601 SYSTEMVIDE ELECTRICAL TYPICAL MANHOLE DETAILS	476 XSO3 ROADWAY MILL AND OVERLAY CROSS SECTIONS	GRAND BOULEVARD
116 Z602 SYSTEMWIDE ELECTRICAL MANHOLE INSTALLATION AND SWITCH HEATER/TRACK CIRCUIT BLOCKOUT DETAILS	477 XSO4 ROADWAY MILL AND OVERLAY CROSS SECTIONS	GRAND BOULEVARD
417 Z603 SYSTEMWIDE ELECTRICAL FIBER OPTIC SPLICE VAULT	478 XSO5 ROADWAY MILL AND OVERLAY CROSS SECTIONS	GRAND BOULEVARD
418 Z604 SYSTEMWIDE ELECTRICAL HANDHOLE DETAILS	479 XSO6 ROADWAY MILL AND OVERLAY CROSS SECTIONS	GRAND BOULEVARD
		BERKLEY PARKWAY
419 Z606 SYSTEMWIDE ELECTRICAL TYPICAL TRACK CIRCUIT BLOCKOUT DETAIL	480 XS07 ROADWAY MILL AND OVERLAY CROSS SECTIONS	
420 Z607 SYSTEMWIDE ELECTRICAL TRACK TURNOUT BLOCKOUT DETAIL	481 XSO8 ROADWAY MILL AND OVERLAY CROSS SECTIONS	BERKLEY PARKWAY
420 Z607 SYSTEMWIDE ELECTRICAL TRACK TURNOUT BLOCKOUT DETAIL 421 Z608 SYSTEMWIDE ELECTRICAL TYPICAL DUCTBANK INSTALLATION MANHOLE AND CONDUIT LABELING AND CONDUIT STUB-UP DETAIL	481 XS08 ROADWAY MILL AND OVERLAY CROSS SECTIONS 482 XS09 ROADWAY MILL AND OVERLAY CROSS SECTIONS	BERKLEY PARKWAY
420 Z607 SYSTEMWIDE ELECTRICAL TRACK TURNOUT BLOCKOUT DETAIL 421 Z608 SYSTEMWIDE ELECTRICAL TYPICAL DUCTBANK INSTALLATION MANHOLE AND CONDUIT LABELING AND CONDUIT STUB-UP DETAIL 422 Z609 SYSTEMWIDE ELECTRICAL COMMUNICATION CONDUIT TYPICAL SECTIONS	481 XS08 ROADWAY MILL AND OVERLAY CROSS SECTIONS 482 XS09 ROADWAY MILL AND OVERLAY CROSS SECTIONS 483 XS10 ROADWAY MILL AND OVERLAY CROSS SECTIONS	BERKLEY PARKWAY 2ND STREET
420 Z607 SYSTEMWIDE ELECTRICAL TRACK TURNOUT BLOCKOUT DETAIL 421 Z608 SYSTEMWIDE ELECTRICAL TYPICAL DUCTBANK INSTALLATION MANHOLE AND CONDUIT LABELING AND CONDUIT STUB-UP DETAIL 422 Z609 SYSTEMWIDE ELECTRICAL COMMUNICATION CONDUIT TYPICAL SECTIONS 423 Z614 COMMUNICATIONS DETAILS NETWORK DIAGRAM	481 XSO8 ROADWAY MILL AND OVERLAY CROSS SECTIONS 482 XSO9 ROADWAY MILL AND OVERLAY CROSS SECTIONS 483 XS10 ROADWAY MILL AND OVERLAY CROSS SECTIONS 484 XS11 ROADWAY MILL AND OVERLAY CROSS SECTIONS 484 XS11 ROADWAY MILL AND OVERLAY CROSS SECTIONS	BERKLEY PARKWAY 2ND STREET 2ND STREET
420 Z607 SYSTEMWIDE ELECTRICAL TRACK TURNOUT BLOCKOUT DETAIL 421 Z608 SYSTEMWIDE ELECTRICAL TYPICAL DUCTBANK INSTALLATION MANHOLE AND CONDUIT LABELING AND CONDUIT STUB-UP DETAIL 422 Z609 SYSTEMWIDE ELECTRICAL COMMUNICATION CONDUIT TYPICAL SECTIONS 423 Z614 COMMUNICATIONS DETAILS NETWORK DIAGRAM 424 Z615 COMMUNICATIONS DETAILS RING DIAGRAM SHEET 1	481 XS08 ROADWAY MILL AND OVERLAY CROSS SECTIONS 482 XS09 ROADWAY MILL AND OVERLAY CROSS SECTIONS 483 XS10 ROADWAY MILL AND OVERLAY CROSS SECTIONS 484 XS11 ROADWAY MILL AND OVERLAY CROSS SECTIONS 485 XS12 ROADWAY MILL AND OVERLAY CROSS SECTIONS	BERKLEY PARKWAY 2ND STREET 2ND STREET 2ND STREET 2ND STREET
420 Z607 SYSTEMWIDE ELECTRICAL TRACK TURNOUT BLOCKOUT DETAIL 421 Z608 SYSTEMWIDE ELECTRICAL TYPICAL DUCTBANK INSTALLATION MANHOLE AND CONDUIT LABELING AND CONDUIT STUB-UP DETAIL 422 Z609 SYSTEMWIDE ELECTRICAL COMMUNICATION CONDUIT TUPICAL SECTIONS 423 Z614 COMMUNICATIONS DETAILS NETWORK DIAGRAM	481 XSO8 ROADWAY MILL AND OVERLAY CROSS SECTIONS 482 XSO9 ROADWAY MILL AND OVERLAY CROSS SECTIONS 483 XS10 ROADWAY MILL AND OVERLAY CROSS SECTIONS 484 XS11 ROADWAY MILL AND OVERLAY CROSS SECTIONS 484 XS11 ROADWAY MILL AND OVERLAY CROSS SECTIONS	BERKLEY PARKWAY 2ND STREET 2ND STREET

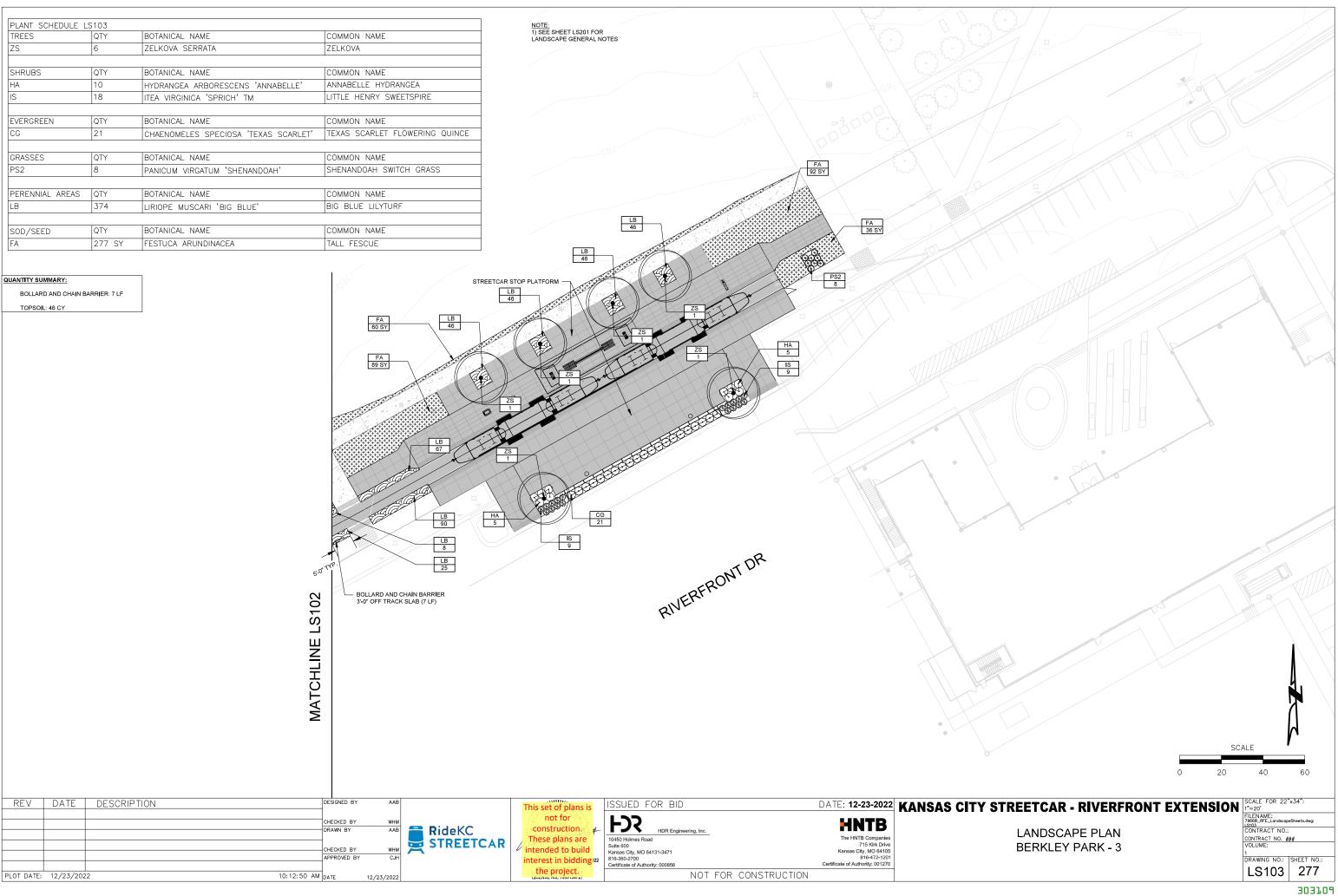
REV	DATE	DESCRIPTION	DESIGNED BY	ммо		This set of plans is	ISSUED FOR BID	DATE: 12-23-2022	KANSAS CITY STREETCAR - RIVERFRONT EXTENSION	SCALE FOR 22"×34":
			CHECKED BY	IWR		not for				FILENAME:
			DRAWN BY	ммо	🚔 RideKC	construction.	HDR Engineering, Inc.			CONTRACT NO.:
			-			^C These plans are	10450 Holmes Road Suite 600		INDEX OF DRAWINGS	CONTRACT NO. *** VOLUME:
			CHECKED BY APPROVED BY	JWR		intended to build	Kansas City, MO 64131-3471 816-360-2700		SHEET 4	h
			AFFROVED BI	INK 3		interest in bidding 122	Certificate of Authority: 000856			DRAWING NO .: SHEET NO .:
PLOT DATE	: \$DATE\$	\$TIME4	DATE	12-23-2022		Jan the project.	NOT FOR CONSTRUCT	[ION		G013 5

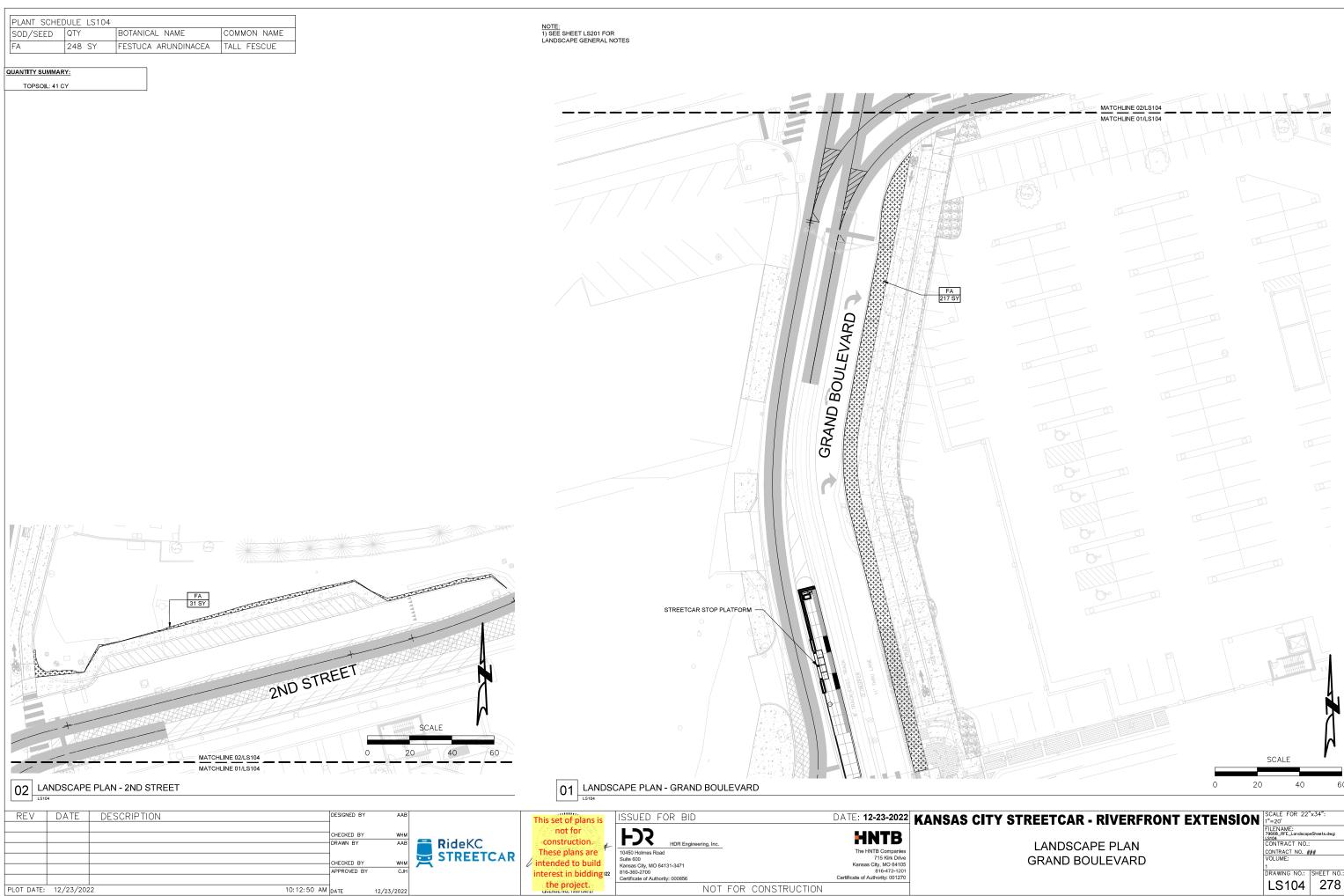


SHRUBS	QTY	BOTANICAL NAME	COMMON NAME
AM	18	ARONIA MELANOCARPA 'MORTON' TM	IROQUOIS BEAUTY BLACK CHOKEBERRY
IS	46	ITEA VIRGINICA 'SPRICH' TM	LITTLE HENRY SWEETSPIRE
VM	29	VIBURNUM CARLESII 'SMVCB' TM	SPICE BABY KOREANSPICE VIBURNUM
	_	_	1
PERENNIAL AREAS	QTY	BOTANICAL NAME	COMMON NAME
LB	5,078	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF
		BOTANICAL NAME	COMMON NAME
SOD/SEED	QTY	BUTANICAL NAME	

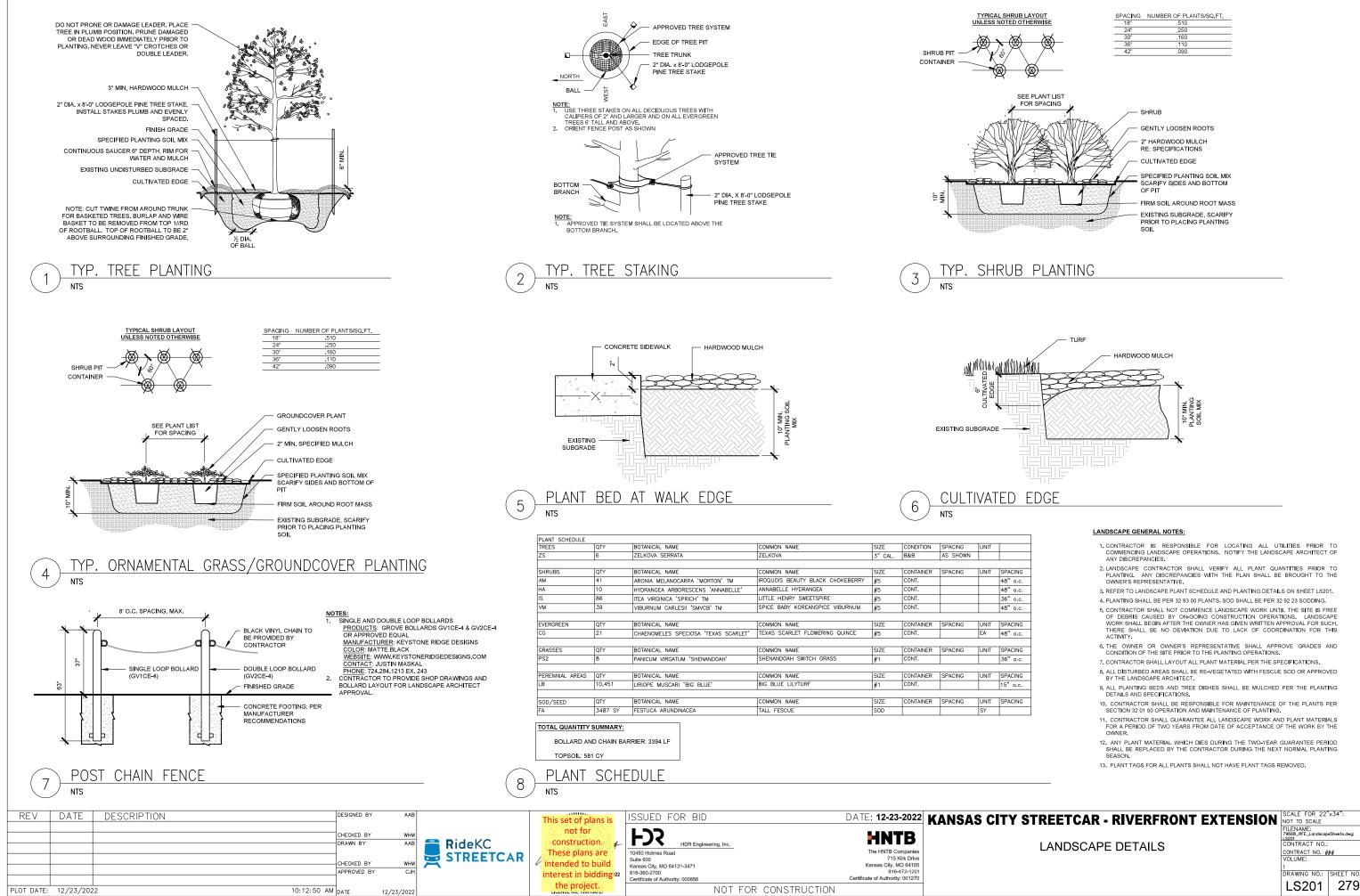


PLANT SCHEDULE L			
TREES	QTY	BOTANICAL NAME	COMMON NAME
ZS	6	ZELKOVA SERRATA	ZELKOVA
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME
HA	10	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
IS	18	ITEA VIRGINICA 'SPRICH' TM	LITTLE HENRY SWEETSPIRE
		1	1
EVERGREEN	QTY	BOTANICAL NAME	COMMON NAME
CG	21	CHAENOMELES SPECIOSA 'TEXAS SCARLET'	TEXAS SCARLET FLOWERING QUINCE
			1
GRASSES	QTY	BOTANICAL NAME	COMMON NAME
PS2	8	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
PERENNIAL AREAS	QTY	BOTANICAL NAME	COMMON NAME
LB	374	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILYTURF
000 /0550			
SOD/SEED	QTY	BOTANICAL NAME	COMMON NAME
FA	277 SY	FESTUCA ARUNDINACEA	TALL FESCUE





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	0	20 40	
TREETCAR - RIVERFRONT EX LANDSCAPE PLAN GRAND BOULEVARD	KTENSI	FILENAME: 79668_RFE_LandscapeS LS104 CONTRACT NO.: CONTRACT NO.: VOLUME: 1	heets.dwg:
			303770



STREETCAR - RIVERFRONT EXTENSION	SCALE FOR 22"x34": NOT TO SCALE		
	FILENAME: 79668_RFE_LandscapeSheets.dwg: LS201		
LANDSCAPE DETAILS	CONTRACT NO.: CONTRACT NO. ###		
	VOLUME: 1		
	LS201	SHEET NO.: 279	
		303111	