Interlocal Cooperation Agreement Between The City of South Jordan and the City of Sandy

300 WEST ROADWAY IMPROVEMENTS AND DRY CREEK CHANNEL IMPROVEMENTS WITHIN SOUTH JORDAN CITY BOUNDARIES

The CITY OF SOUTH	H JORDAN, a U	Itah municipal corporation ("South Jordan"), and
the CITY OF SANDY ("Sand	dy") enter into th	nis Interlocal Cooperation Agreement
("Agreement") this	_ day of	, 2023 ("Effective Date"), and agree as set forth
below. South Jordan and Sand	dy are referred to	o collectively as "Parties."

RECITALS

South Jordan intends to construct the improvements to 300 West at Dry Creek (the "Project") as shown on the 300 West Dry Creek Culvert Improvements plans, attached hereto as **Exhibit A** of this Agreement and incorporated by reference. South Jordan hereby agrees that construction of 300 West Dry Creek Improvements related to this Agreement will be competitively bid in compliance with all applicable procurement rules.

As local governmental units, the Parties are authorized under the Utah Interlocal Cooperation Act, Utah Code § 11-13-101, et seq. (the "Interlocal Act"), to make the most efficient use of their powers by acting cooperatively to provide needed services and facilities so that the Parties benefit from economy of scale and shared resources. Therefore, the Parties agree as follows:

TERMS

- 1. **CONSTRUCTION OF THE PROJECT**. South Jordan shall be responsible for all matters pertaining to the Project including hiring and paying a contractor to complete the Project. The Project will be completed according to South Jordan's engineering standards for the design and construction.
- 2. **TERM**. The term of this Agreement begins on the Effective Date and ends upon completion of the Project and payment by Sandy pursuant to Section 3 of this Agreement. Although the Parties anticipate that the Project will be completed before June 30, 2024, they acknowledge that many factors outside South Jordan's control may affect its ability to complete the Project. Therefore, South Jordan will not be in breach of this Agreement if the Project is not completed before June 30, 2024.

3. **PAYMENT**.

a. As shown in **Exhibit B**, attached hereto and incorporated herein by this reference, the estimated cost for construction of the Project is \$791,520.00 (the "Estimated Construction Cost"). South Jordan shall contract with: (i) Salt Lake County to pay \$300,000.00 towards the construction of the Project; and (ii) the property owner to pay \$50,000.00 toward construction of the Project, which shall be in addition to the \$37,906

that has been spent by property owner to date. South Jordan shall be solely responsible to collect payment from Salt Lake County and the property owner.

- b. As shown in **Exhibit B**, Sandy shall reimburse South Jordan in the amount of \$170,577.00 ("Reimbursement Amount"). If the actual cost of Project construction differs from the Estimated Construction Cost, the Reimbursement Amount shall be increased or decreased as follows:
- i. If the actual construction cost exceeds the Estimated Construction Cost, the Reimbursement Amount shall be increased by 50% of the difference between the actual construction cost and the Estimated Construction Cost; provided that South Jordan notifies Sandy in writing at least ten business days prior to approving any change order that increases the construction cost, and South Jordan considers all written responses it receives from Sandy within that time.
- ii. If the actual construction cost is less than the Estimated Construction Cost, the Reimbursement Amount shall be decreased by 50% of the difference between the actual construction cost and the Estimated Construction Cost.
- c. After the Project is complete, South Jordan shall send Sandy an invoice for its portion of the Project final actual costs, which Sandy agrees to pay within thirty days of receiving the invoice. Prior to expiration of the thirty days, Sandy shall notify South Jordan in writing of any questions or concerns regarding the invoice.
- 4. **TERMINATION OR AMENDMENT**. This agreement and all provisions contained herein shall only be amended or terminated by written agreement between the Parties.
- 5. **BREACH WILL NOT TERMINATE**. No breach or violation of any provision of this Agreement will entitle any person or entity to cancel, rescind, or otherwise terminate this Agreement, but this limitation will not affect, in any manner, any other rights or remedies to which a party may be entitled at law or in equity by reason of a breach of this Agreement.
- 6. **LIABILITY AND INDEMNIFICATION**. The parties are governmental entities under the Governmental Immunity Act of Utah, Utah Code § 63G-7-101, et seq. (the "Immunity Act"). Consistent with the terms of the Immunity Act, and as provided herein, the Parties mutually agree that each party is responsible and liable for its own wrongful or negligent act committed by it or its agents, officers, or employees. Neither party waives any defenses otherwise available under the Immunity Act nor does any party waive any limits of liability currently provided by the Immunity Act. The parties agree to indemnify each other and hold each other harmless from any damages or claims from damages occurring to persons or property as a result of the negligence or fault of their own officers, employees, or agents involved in the Project.
- 7. **ADMINISTRATION**. This Agreement does not create a separate entity; however, to the extent that any administration of this Agreement becomes necessary, then the Department Directors of each party, or their designees, shall constitute a joint board for such purpose.

8. **INTERLOCAL COOPERATION ACT**. The Parties acknowledge that this Agreement is subject to the provisions and procedures of the Interlocal Act and they agree to process, approve, manage, and archive this agreement in compliance with the Interlocal Act.

9. **MISCELLANEOUS**.

- a. **Entire Agreement**. This Agreement constitutes the entire agreement between the Parties, and no other promises or understandings, express and implied, shall be binding upon the Parties.
- b. **No Waiver**. Any party's failure to enforce any provision of this Agreement shall not constitute a waiver of the right to enforce such provision. The provisions may be waived only in writing by the party intended to be benefited by the provisions, and a waiver by a party of a breach hereunder by the other party shall not be construed as a waiver of any succeeding breach of the same or other provisions.
- c. **Headings**. The descriptive headings of the paragraphs of this Agreement are inserted for convenience only and shall not control or affect the meaning or construction of any provision this Agreement.
- d. **Severability**. If any of the provisions of this Agreement are declared void or unenforceable, such provision shall be severed from this Agreement. This Agreement shall otherwise remain in full force and effect provided the fundamental purpose of this Agreement and the Parties' ability to complete the Project as set forth herein is not defeated by such severance.
- e. **Governing Law**. The laws of the State of Utah shall govern the interpretation and enforcement of this Agreement.
- f. **Attorney's Fees and Costs**. If any party brings legal action either because of a breach of this agreement or to enforce a provision of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees and court costs.
- g. **Binding Effect**. The benefits and burdens of this Agreement shall be binding upon and shall inure to the benefit of the Parties and their respective heirs, legal representatives, successors in interest and assigns.
- h. **No Third Party Rights**. The obligations of the Parties set forth in this Agreement shall not create any rights in or obligations to any other persons or parties except to the extent otherwise provided herein.

[SIGNATURE PAGES FOLLOWS]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first set forth above.

CITY OF SOUTH JORDAN, a Utah municipal corp	poration
By:	APPROVED AS TO FORM:
(Print name and title above)	Attorney for City
CITY OF SANDY, a Utah municipal corporation	
By:	APPROVED AS TO FORM:
(Print name and title above)	Attorney for City

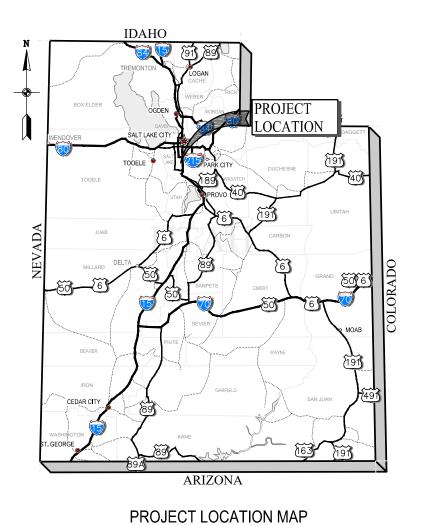
EXHIBIT A

(300 West Dry Creek Culvert Improvements Plans)

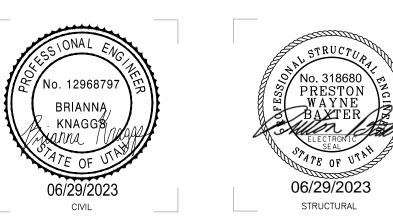
DRAWINGS FOR CONSTRUCTION OF THE

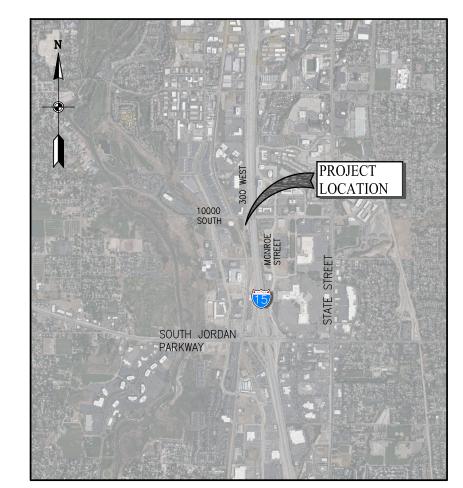
300 WEST DRY CREEK BOX CULVERT REPLACEMENT

SOUTH JORDAN, UTAH



			INDEX OF DRAWINGS
SHT	NO.	DWG NO.	DESCRIPTION
			GENERAL
01	I	G-01	TITLE PAGE, PROJECT LOCATION, INDEX OF DRAWINGS, AND VICINITY MAPS
02	-	G-02	ABBREVIATIONS
03	3	G-03	SYMBOLS
04	ļ	G-04	GENERAL NOTES
			CIVIL
04	-	C-01	DEMOLITION PLAN
05	j	C-02	CIVIL SITE PLAN
06	3	C-03	PLAN AND PROFILE - DRY CREEK CHANNEL
07	,	C-04	PLAN AND PROFILE - 300 WEST ROAD IMPROVEMENTS
08	3	C-05	CIVIL DETAILS - 1
09)	C-06	CIVIL DETAILS - 2
			STRUCTURAL
10)	S-01	PLAN AND ELEVATION
11		S-02	TYPICAL SECTION
12	-	S-03	INLET PLAN AND DETAILS
13	3	S-04	OUTLET PLAN AND DETAILS
14		S-05	GENERAL STRUCTURAL DETAILS





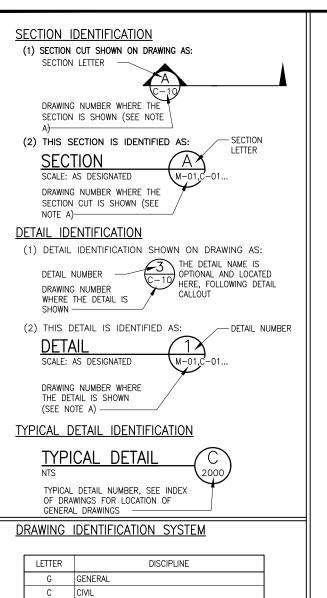


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	DO VICT DOV OF	SUD INEST DIST ON		DESIGN		DESIGN B. KNAGGS		DRAWN B. KNAGGS	
					MAP			NUMBER 009-22-02	

PROJECT VICINITY MAP

G-01

	47	OL D	OLEAD OLEADANGE	FOUID	FOLIDATA	1.0	NICIDE DIAMETED	Lung	NODTHWEOT	0050	ODEOISIED ODEOISIONION	20.10
@ AASHTO	AI AMERICAN ASSOCIATION OF STATE HIGHWAY	CLR CLST	CLEAR, CLEARANCE CEMENT LINED STEEL PIPE	EQUIP ETC	EQUIPMENT ETCETERA	ID IE	INSIDE DIAMETER INVERT ELEVATION	NW	NORTHWEST	SPEC SPECS	SPECIFIED, SPECIFICATION SPECIFICATIONS	9
AASHIU	TRANSPORTATION OFFICIALS	CLSI	CONTROLLED LOW STRENGTH MATERIAL	EVAP	EVAPORATOR	I ie	INSIDE FACE			SPECS	SPACING SPACING	
AB	ANCHOR BOLT	CM	CENTIMETER	EVC	END VERTICAL CURVE	IN	INCH	о то о	OUT TO OUT	SPKR	SPEAKER	
ABBR	ABBREVIATION	CML & C	CEMENT MORTAR LINED AND COATED	EVCE	END VERTICAL CURVE ELEVATION	IN LB	INCH-POUND	oc oc	ON CENTER. OVER-CROSSING	SPLY	SUPPLY	_ 5
ABS	ACRYLONITRILE—BUTADIENE—STYRENE	CMP	CORRUGATED METAL PIPE	EVCS	END VERTICAL CURVE STATION	INFL	INFLUENT	OD	OUTSIDE DIAMETER, OVERALL DIMENSION	SPRT	SUPPORT	N=1
AC	ASPHALTIC CONCRETE OR ALTERNATING	CMU	CONCRETE MASONRY UNIT	EW	EACH WAY. EYE WASH	INSUL	INSULATING	OF	OUTSIDE FACE, OVERFLOW	SQ	SQUARE	
ACI	CURRENT OR ACTIVATED CARBON	CO	CLEANOUT	EXH	EXHAUST	INVT	INVERT	OFS	OVERFLOW STRUCTURE	SQ FT	SQUARE FOOT	Z Z °
ACP	AMERICAN CONCRETE INSTITUTE ASPHALTIC CONCRETE PAVEMENT	COL	COLUMN	EXIST	EXISTING	IOB	INLET OUTLET BYPASS	OH	OVERHEAD	SR	SUPPLY REGISTER	
ADDL	ADDITIONAL	COMM	COMMUNICATION	EXP ANR	EXPANSION BOLT, ANCHOR	IPS	IRON PIPE SIZE	OPER	OPERATOR, OPERATING	SS	SANITARY SEWER, SERVICE SINK	5 ~1
ADJ	ADJACENT OR ADJUSTABLE	COMB	COMBINED	EXP JT	EXPANSION JOINT	IRR	IRRIGATION	OPNG	OPENING	SST	STAINLESS STEEL	Q<
AER	AERATION	CONC	CONCRETE, CONCENTRIC	EXT	EXTERIOR, EXTENSION, EXTERNAL			OPP	OPPOSITE	STA	STATION	60 🔫
AFF	ABOVE FINISH FLOOR	COND	CONDENSER, CONDENSATE					ORIG	ORIGINAL	STD	STANDARD	
AGGR	AGGREGATE	CONN	CONNECTION	1_		JA 	JORDAN AQUEDUCT	OVHD	OVERHEAD	STIFF	STIFFENER	WEER -
AH	AIR HANDLER	CONST	CONSTRUCTION, CONSTRUCT	F	FAHRENHEIT, FACE	JT	JOINT	OZ	OUNCE	STL	STEEL	
AIR CONT	AIR CONDITIONING	CONT	CONTINUED, CONTINUOUS, CONTINUATION	F TO F	FACE TO FACE	JTS	JOINTS			STRL	STRUCTURAL	202 J. S.
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	COORD COP	COORDINATE COPPER	FAB	FABRICATION, FABRICATE, OR FABRICATED	JVWTP	JORDAN VALLEY WATER TREATMENT PLANT			SUC	STRUCTURAL UNDERDRAIN COLLECTOR	23 FF S N 22 198
		COTG	CLEAN-OUT TO GRADE	FB	FLAT BAR			PC	PORTLAND CEMENT, POINT OF CURVE OR	SWA	SOUTHWEST AQUEDUCT	2 2 2 8
AL ALTN	ALUMINUM, ALUM ALTERNATIVE. ALTERNATE	CPLG	COUPLING	FC	FLEXIBLE COUPLING			PCC	PRIMARY CLARIFIER PORTLAND CEMENT CONCRETE	SYM	SYMBOL	1
ANOD	ANODIZED	CPS	CULINARY PUMP STATION	FCA	FLANGE COUPLING ADAPTER	K	KELVIN, KILO OR THOUSAND POUNDS	PCF	POUNDS PER CUBIC FOOT	SYMM SYS	SYMMETRICAL SYSTEM	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	CPVC	CHLORINATED POLYVINYL CHLORIDE	FC0	FLOOR CLEANOUT	KG	KILOGRAM	PE	PLAIN END. POLYELECTROLYTE POLYMER.	515	2121FW	
ANO	AWERICAN NATIONAL STANDARDS INSTITUTE	CS	CAST STEEL OR CAUSTIC SODA	FD	FLOOR DRAIN	KV	KILOVOLT	1 ' -	POLYETHYLENE			
APPROX	APPROXIMATE	CTRD	CENTERED	FDN	FOUNDATION	KW	KILOWATT	PG	PRESSURE GAUGE	т	THICKNESS, TOP, TOILET	
APVD	APPROVED	CTR	CENTER	FDR	FEEDER	KWH	KILOWATT HOUR		LIVERGOEN ION CONCENTRATION	T&B	TOP AND BOTTOM	z
ARCH	ARCHITECTURAL	CTSK	COUNTERSUNK	FEXT	FIRE EXTINGUISHER			рH	HYDROGEN ION CONCENTRATION	T&G	TONGUE AND GROOVE	DE L
ARV	AIR RELEASE VALVE	CU FT	CUBIC FOOT	FF	FLAT FACE, FAR FACE, FINISH FLOOR	1.	LEET OR LITER	PI	PLANT INFLUENT, POINT OF INTERSECTION	TAN	TANGENT	SS SC
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	CU IN	CUBIC INCH	FG	FINISH GRADE, FLOW GLASS	LAD	LEFT OR LITER	PJF	PREMOLDED JOINT FILLER	TBC	TOP BACK OF CURB	
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIAL	CU YD	CUBIC YARD	FH	FIRE HYDRANT	LAB LAV	LABORATORY LAVATORY	PL	PLATE, PROPERTY LINE, PLACE	ТВМ	TEMPORARY BENCH MARK	
		CULV	CULVERT	FLR	FLOOR FLOW LINE	LAV LB	POUND	PLYWD	PLYWOOD	TDH	TOTAL DYNAMIC HEAD	
ASSY	ASSEMBLY	CV	CHECK VALVE	FLEX	FLOW LINE FLEXIBLE	LC	LENGTH OF CURVE	РМ	PUMP, PROPELLER METER	TECH	TECHNICAL	
AUT0	AUTOMATIC	CWO	COLD WATER CHAIN WHEEL OPERATOR	FLEX	FLANGE	IF	LINEAR FEET	POB	POINT OF BEGINNING	TEL	TELEPHONE	
AUX	AUXILIARY	CWO		FM	FORCE MAIN (SANITARY SEWER)	LG	LENGTH OR LONG	PP	POTASSIUM PERMANGANATE	TEMP	TEMPERATURE, TEMPORARY	▐▗▎▗ ▋
AVAR	AIR VACUUM AND AIR RELEASE VALVE	CYL	CYLINDER	FND	FOUND	LH	LEFT HAND	PPD	POUNDS PER DAY	THK .	THICK	. s. B.
AWS	AMERICAN WELDING SOCIETY			FNSH	FINISH	LIP	LIP OF GUTTER	PPH	POUNDS PER HOUR	THR'D	THREADED	<u> </u>
AWWA	AMERICAN WATER WORKS ASSOCIATION	d	PENNY	FO	FIBER OPTIC	LL	LIVE LOAD	PPM	PARTS PER MILLION	TK	TANK	
		DBA	DEFORMED ANCHOR	FRP	FIBERGLASS REINFORCED PLASTIC	LLV	LONG LEG VERTICAL	PR	PAIR	TO	TOP OF	TAG
D & C	DELL & SDICOT	DBL	DOUBLE	FW	FINISH WATER	LOL	LENGTH OF LINE	PRC	POINT OF REVERSE CURVE	TOC TOG	TOP OF CONCRETE TOP OF GRADE	ġ
B & S BC	BELL & SPIGOT BEGIN CURVE, BOLT CIRCLE	DC	DIRECT CURRENT	FWR	FINISH WATER RESERVOIR	LP	LOW POINT	PREFAB	PREFABRICATED	TP	TELEPHONE POLE, TURNING POINT	
BF BF	BLIND FLANGE, BUTTERFLY VALVE	DEG	DEGREE			LR	LONG RADIUS	PRI	PRIMARY	TW	TOP OF WALL	
BFG BFG	BELOW FINISH GRADE	DEMO	DEMOLITION, DEMOLISH	1		LT	LIGHT, LEFT	PRV	PRESSURE REGULATING/REDUCING VALVE	TYP	TYPICAL	───────────────────────────────────
BFP	BACK FLOW PREVENTER	DEQ	DEPARTMENT OF ENVIRONMENTAL QUALITY	G	GAS	LVL	LEVEL	1 50	DDECOURE OWNTON DIVIS CTUTION	1	III IOAL	ACEMEN
BFV	BUTTERFLY VALVE			GA	GAGE, GAUGE	LWL	LOW WATER LEVEL	PS	PRESSURE SWITCH, PUMP STATION			
BHD	BULKHEAD	DET	DETAIL	GAL	GALLON	LWR	LOWER	PSF	POUNDS PER SQUARE FOOT	UBC	UNIFORM BUILDING CODE	¥ II ¥ F II I
BHP	BRAKE HORSEPOWER	DI	DUCTILE IRON, DROP INLET	GALV	GALVANIZED	I		PSI	POUNDS PER SQUARE INCH	UD	UNDERDRAIN	P RIEGINA
BLDG	BUILDING	DIA	DIAMETER	GEN	GENERATOR	l _M	METER MALE (DIDE TUDELD)	PSIG	POUNDS PER SQUARE INCH GAUGE	UG	UNDERGROUND	□ ⊎ §8 −
BLK	BLACK OR BLOCK	DIAG	DIAGONAL DIAPHRAGM	GFI	GROUND FAULT INTERRUPTER		METER, MALE (PIPE THREAD)	PT PTDF	POINT OF TANGENT, PRESSURE TREATED	UH	UNIT HEATER	
BLKG	BLOCKING	DIAPH DIFF	DIAPHRAGM DIFFUSER	GI	GALVANIZED IRON	MACH	MACHINE MACNETIC MANUAL		PRESSURE TREATED DOUGLAS FIR	UL	UNDERWRITERS LABORATORIES	
BLT	BOLT	DIFF	DIMENSION	GIS	GEOGRAPHIC INFORMATION SYSTEM	MAN MATL	MAGNETIC, MANUAL	PVC	PAVEMENT POLYMINY CHI ORIDE	UNO	UNLESS NOTED OTHERWISE	Ш_ , "
ВМ	BEAM, BENCH MARK	DIP	DUCTILE IRON PIPE	GL GLAZ	GLASS GLAZING	MAIL	MATERIAL MAXIMUM	PVC PVI	POLYVINYL CHLORIDE POINT OF VERTICAL INTERSECTION	USBR	U.S. BUREAU OF RECLAMATION	
BO	BLOW-OFF ASSEMBLY, BLOW-OFF	DIR	DIRECTION PIPE	GLAZ	GLAZING GLOBE VALVE	MB MAX	MACHINE BOLT	PW	POINT OF VERTICAL INTERSECTION POTABLE WATER	1		CUL CUL AN, UT EVIEW SAGLE
BOT	BOTTOM	DISCH	DISCHARGE	GND	GROUND	MCC	MOTOR CONTROL CENTER	I ' "	I STADLE WATER	1.,		
BPS	BOOSTER PUMPING STATION	DIST	DISTANCE	GPD	GALLONS PER DAY	MECH	MECHANICAL, MECHANISM			I V	VALVE, VENT, VOLT, VACUUM	
BPV	BACK PRESSURE VALVE	DIV	DIVISION	GPH	GALLONS PER HOUR	MEMB	MEMBRANE	RAD	RADIUS	VAR	VARIES, OR VARIABLE	BOX H JORD RED C. E
BRK	BRICK	D-LOAD	LOADING CONDITION FOR RCP	GPM	GALLONS PER MINUTE	MET	METAL	RC	REINFORCED CONCRETE	VC	VERTICAL CURVE	
BTU BTWN	BRITISH THERMAL UNIT BETWEEN	DMPR	DAMPER	GR	GRADE	MFR	MANUFACTURER	RCP	REINFORCED CONCRETE PIPE	VCP VERT	VITRIFIED CLAY PIPE VERTICAL	N III N F E
BUR	PULL T_UP POOFING	DN	DOWN, DECANT	GR BRK	GRADE BREAK, GRADE CHANGE	MG	MILLION GALLONS	RD	ROOF DRAIN OR ROAD	VERT	VICTAULIC COUPLING	CREE SC
BVC	DECIN VEDTICAL CLIDVE	DOT	DEPARTMENT OF TRANSPORTATION	GRTG	GRATING	MGD	MILLION GALLONS PER DAY	RDCR	REDUCER, REDUCING	VIC	VOLUME	
BVCE	DECIN MEDICAL CLIDNE ELEMATION	DP	DAMP PROOFING	GRV	GROOVED	MH	MANHOLE, MONORAIL HOIST	RECIRC	RECIRCULATION	VPI	VERTICAL POINT OF INFLECTION	≿ s s
BVCS	DECINI VEDTICAL CUDVE STATIONI	DR	DOOR, DRAIN	GSP	GALVANIZED STEEL PIPE	MI	MALLEABLE IRON	RED	REDUCING	VSS	VOLATILE SUSPENDED SOLIDS	DRY N GGS GGS
BW	BACK WASH, FILTER BACKWASH	DS	DRENCH SHOWER & EYE WASH, DOWNSPOUT	GV	GATE VALVE	MID	MIDDLE	REF	REFERENCE, REFER	VTC	VENT THROUGH CEILING	
	l	DWG	DRAWING	GYP	GYPSUM BOARD	MIL	1/1,000 INCH	REG	REGULATING, REGISTER	VTR	VENT THROUGH ROOF	ESIGN
	l	DWL	DOWEL	1		MIN	MINIMUM OR MINUTE	REINF	REINFORCE, REINFORCED	1		WE. P. DE
C	CENTIGRADE OR CELSIUS			L	HEICHT	MISC	MISCELLANEOUS	REQD	REQUIRED	1		
CAB	CABINET			H HAS	HEIGHT HEADED ANCHOR STUD	MJ MO	MECHANICAL JOINT MASONRY OPENING	REV	REVISION	W	WEST, WASTE, WIDE FLANGE (BEAM)	300 DESIG
CAP	CAPACITY	E(UG)	ELECTRICAL (UNDERGROUND)	HB HB	HOSE BIBB	MPH	MASUNKY OPENING MILES PER HOUR	RF	ROOF, RAISED FACE	W/	WITH	
CARV	COMBINATION AIR RELEASE VALVE	E(OH)	ELECTRICAL (OVERHEAD POWER)	HD	HUB DRAIN	MTG	MOUNTING	RND	ROUND	w/o	WITHOUT	1 1
CB	CAICH BASIN	E	EAST	HDPE	HIGH DENSITY POLYETHYLENE	MTL	METAL OR MATERIAL	RPM	REVOLUTIONS PER MINUTE	WC	WATER COLUMN OR WATER CLOSET	22
CC	CENTER TO CENTER	EA	EACH	HDR	HEADER	MTR	MOTOR	RP	RADIUS POINT	WCO	WALL CLEANOUT	22-1
CCP	CONCRETE CYLINDER PIPE	EB	EXPANSION BOLT	HDW	HARDWARE	MWS	MAXIMUM WATER SURFACE	RS	RAW SEWAGE	WD	WOOD	-60.
CD	CEILING DIFFUSER CHEMICAL DRAIN AND VENT	EC	END CURVE	HEX	HEXAGONAL	I		RST	REINFORCING STEEL, RESET	WH	WATER HEATER	
CER		ECC	ECCENTRIC	HGR	HANGER	I		RT	REGULATING TANK, RADIOGRAPHIC, RIGHT	WS	WATER STOP, WATER SURFACE	<u>N</u>
CFH	CUBIC FFFT PFR HOUR	EF	EACH FACE, EXHAUST FAN	HM	HOLLOW METAL	N	NORTH	DV/	ROOF VENT	WSP	WELDED STEEL PIPE	Z
CFM	CUBIC FEET PER MINUTE	EFF	EFFLUENT	HORIZ	HORIZONTAL	NAVD	NORTH AMERICAN VERTICAL DATUM	RV D /W	RIGHT OF WAY	WSTP	WATER STOP	ION PROJE
CFR	CODE OF FEDERAL REGULATIONS	EG	EXISTING GRADE	HP	HORSEPOWER, HIGH PRESSURE, HEAT PUMP,	NBS	NATIONAL BUREAU OF STANDARDS	R/W		WT	WEIGHT	_ ,
CFS	CUBIC FFFT PFR SECOND	EL	ELEVATION	1	HIGH POINT	NC	NORMALLY CLOSED	RW	RAW WATER	WWM	WELDED WIRE MESH	I⋠ '∢ I I
CG	CHLORINE GAS	ELB	ELBOW	HR	HEATING RETURN, HOUR, HOSE RACK	NE	NORTHEAST			1		
CGB	CORD GRIP BUSHING	ELEV	ELEVATION FLECTRONIC	HS	HIGH STRENGTH	NEC	NATIONAL ELECTRIC CODE	s	SOUTH, SECOND	XMFR	TRANSFORMER	
CHBD	CHALKBOARD	ELEC EMB	ELECTRICAL, ELECTRONIC EMBEDMENT	HSS HTG	HOLLOW STRUCTURAL SECTION HEATING	NEMA	NATIONAL ELECTRICAL MANUFACTURES	SA	SAMPLE. SAMPLE LINE	XMFR	TRANSMITTER	
CHEM	CHEMICAL	EMER	EMERGENCY	HTR	HEATING HEATER	NF	ASSOCIATION NEAR FACE	SCFM	STANDARD CUBIC FEET PER MINUTE	XS	EXTRA STRONG	<u> </u>
CHG	CHANGE CHECKERED DIATE	ENCL	ENCLOSURE	HV	HOSE VALVE	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	SCH	SCHEDULE	1		g g
CHKD PL	CHECKENED FLAIL	ENG	ENGINE	HVAC	HEATING, VENTILATING AND AIR CONDITIONING			SD	STORM DRAIN	1		₹ ₹
CI	CAST IRON DIDE	ENGR	ENGINEER		·	NIC	NOT IN CONTRACT	SECT	SECTION	YD	YARD	볼
CIP	OAST INON THE	EP	EDGE OF PAVEMENT	HWL	HIGH WATER LEVEL	NO	NUMBER OR NORMALLY OPEN	SHT	SHEET	YP	YARD PIPING	
CISP CJ	CAST IRON SOIL PIPE CONSTRUCTION JOINT	EPDM	ETHYL PROPYLENE DIENE MONOMER	HWO	HANDWHEEL OPERATED	NOM	NOMINAL	SIM	SIMILAR	YR	YEAR	
CJP	COMPLETE JOINT PENETRATION	EPS	EXPANDED POLYSTYRENE	HYD	HYDRANT, HYDRAULIC	NPT	NATIONAL PIPE THREAD	SLP	SLOPE	1		Δ TE
CL	CHLORINATOR, CHAIN LINK, CENTERLINE OR	EQ	EQUAL	1		NS	NEAR SIDE	SP	SPACING, STATIC PRESSURE	1		å
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	CHLORINATOR, CHAIN LINK, CENTERLINE OR CHLORINE	EQL SP	EQUALLY SPACED	1		NSF	NATIONAL SANITATION FOUNDATION	SPA	SPACED	1		DRAWING NO.
				ICFM	INLET CUBIC FEET PER MINUTE	NTS	NOT TO SCALE	1	-: · · · · · · · · · · · · · · · · · · ·	1		G-02
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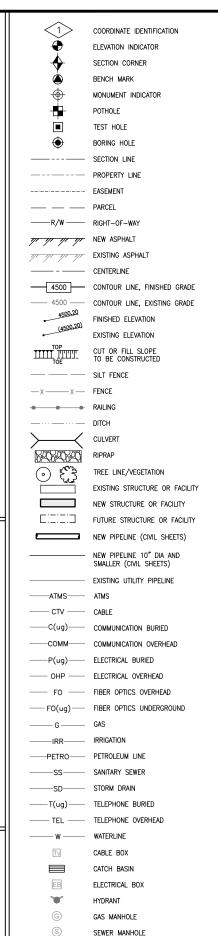


LETTER	DISCIPLINE
G	GENERAL
С	CIVIL
S	STRUCTURAL
GC	GENERAL CIVIL DETAILS
GS	GENERAL STRUCTURAL DETAILS

INDIVIDUAL DRAWING NUMBER -DISCIPLINE

NOTES:

- A. IF PLAN AND SECTION (OR DETAIL CALL-OUT AND DETAIL) ARE SHOWN ON SAME DRAWING, DRAWING NUMBER IS REPLACED BY
- B. ELECTRICAL SYMBOLS SHOWN ON ELECTRICAL DRAWINGS. FOR WELDING SYMBOLS USE AMERICAN WELDING SOCIETY STANDARD SYMBOLS, SEE AMERICAN INSTITUTE OF STEEL CONSTRUCTION



SEWER MANHOLE

WATER MANHOLE

STORM DRAIN MANHOLE

TELEPHONE MANHOLE

(D)

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(VIV)

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GRAVEL

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O— FCO

CONCRETE

POWER POLE

LIGHT POLE

TELEPHONE BOX

LIGHT POLE ONE LUMINAIRE

LIGHT POLE TWO LUMINAIRS

STREET LIGHT WITH BRACKET

TO BE REMOVED OR ABANDONED

MASONRY

STEEL

SAND

GRATING

FHC FIRE HOSE CABINET

UNIT HEATER

QFC0

24" RCP-RW

10" PW (2)

ME-2

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(3)

FE FIRE EXTINGUISHER

PCOTG O-PRESSURE CLEANOUT TO GRADE

WALL CLEANOUT

FLOOR CLEANOUT

CLEANOUT TO GRADE

BLOW OFF ASSEMBLY

CHANGE IN PIPING MATERIAL

ABBREVIATION (USE FOR EXISTING

PIPE SIZE AND TYPE/FILLID

(SEE PIPING SCHEDULE)

(SEE EQUIPMENT SCHEDULE)

EQUIPMENT NUMBER

HUB DRAIN

FLOOR DRAIN

FLOOR SINK

DRAIN TRAP

PIPE CALLOUT)

PIPE CALLOUT

STOP GATE

SLIDE GATE

SLUICE GATE

GATE VALVE

HOSE BIBB (H/B)

LIQUID SURFACE EL

- REDUCER OR INCREASER

REVISION WORK

REFERENCE TO NOTE

ALUMINUM OR METAL DECKING

PLASTIC, RUBBER OR NEOPRENE

WOOD (ROUGH FRAMING) OR, OPENING OR DEPRESSION IN SLAB OR WALL

CHECKERED PLATE

ASPHALT

INSULATION

UPRR GENERAL CONSTRUCTION REQUIREMENTS:

- ALL WORK WITHIN 25' OF TRACK, OVER TRACK, OR WITH POTENTIAL TO FOUL TRACK REQUIRES UPRR FLAGMAN TO BE ON SITE. THIS REQUIREMENT IS NON-NEGOTIABLE.
- 2. ALL EQUIPMENT, MATERIALS, AND PERSONNEL SHALL REMAIN OUTSIDE THE MINIMUM CONSTRUCTION CLEARANCE ENVELOPE, EXCEPT WHEN WITHIN PRE-DETERMINED TRACK CURFEWS.
- ALL PERSONNEL MUST CLEAR THE AREA WITHIN 25 FEET OF THE TRACK CENTERLINE AND SECURE ALL EQUIPMENT DURING THE APPROACH AND
- EQUIPMENT SHALL NOT BE SUPPORTED BY THE TRACK BALLAST, SUB-BALLAST, TIES OR RAILS AT ANY TIME.
- 5. STORAGE AND STAGING AREAS ARE NOT PERMITTED WITHIN UPRR RIGHT OF WAY, EXCEPT WITHIN PRE-APPROVED ZONES SUCH AS EASEMENTS.
- TEMPORARY TRACK CROSSINGS MUST BE APPROVED BY UPRR'S LOCAL OPERATING UNIT AND UPRR MANAGER OF INDUSTRY AND PUBLIC PROJECTS PRIOR TO START OF CONSTRUCTION.
- TRACK CROSSINGS AND USE OF UPRR ACCESS ROADS/HAUL ROADS MUST BE COORDINATED WITH UPRR'S LOCAL MANAGER OF TRACK MAINTENANCE (AND YARD MASTER, IF WITHIN YARD LIMITS).
- TEMPORARY DRAINAGE STRUCTURES AND/OR BMP'S SHALL NOT DIRECT STORMWATER TOWARDS UPRR TRACKS OR ACCESS ROADS.
- UNATTENDED EXCAVATIONS WITHIN UPRR RIGHT OF WAY SHALL BE PROPERLY SECURED BY FENCING AND/OR COVERING(S) PER OSHA
- 10. ALL UTILITIES WITHIN UPRR RIGHT OF WAY MUST BE IDENTIFIED AND MARKED PRIOR TO START OF CONSTRUCTION, UPRR CALL BEFORE YOU DIG: UP.COM/CBUD

GENERAL NOTES

COORDINATE WITH SOUTH JORDAN CITY AND JERRY SEINER AUTOMOBILE DEALERSHIPS DURING TEMPORARY CLOSURE OF 300 W WHILE REPLACING THE BOX CULVERT.



OUTH JORDAN CITY						****
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UTH JORDAN, UTAH						Æ/ No. 1296
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GENERAL NOTES AND SYMBOLS

DRAWING NO. G-03

SHEET 03 OF 15

1.1 SOUTH JORDAN CITY GENERAL NOTES

- ALL WORK DONE OR IMPROVEMENTS INSTALLED WITHIN SOUTH JORDAN CITY INCLUDING BUT NOT LIMITED TO EXCAVATION. CONSTRUCTION, ROADWORK AND UTILITIES SHALL CONFORM TO THE SOUTH JORDAN CITY CONSTRUCTION STANDARDS AND SPECIFICATIONS, CITY MUNICIPAL CODE, THE LATEST EDITION OF THE APWA MANUAL OF STANDARD SPECIFICATIONS AND MANUAL OF STANDARD PLANS, THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY STATE OR FEDERAL REGULATIONS AND PERMIT REQUIREMENTS OF VARIOUS GOVERNING BODIES. THE CONTRACTOR IS RESPONSIBLE TO HAVE A COPY OF THESE SPECIFICATIONS AND TO KNOW AND CONFORM TO THE APPROPRIATE CODES, REGULATIONS, DRAWINGS, STANDARDS AND SPECIFICATIONS.
- 2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES, WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, SURVEY MONUMENTS AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
- 4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY
- 5. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
- 6. CURB, GUTTER, AND SIDEWALK, FOUND TO BE UNACCEPTABLE PER CITY STANDARDS AND APWA SHALL BE REMOVED AND REPLACED.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.
- 8. ANY SURVEY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER SALT LAKE COUNTY SURVEYORS REQUIREMENTS.
- 9. ALL CONSTRUCTION MATERIALS PER APWA MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
- 10. REQUEST FOR INSPECTION BY THE CITY OF SOUTH JORDAN ENGINEERING DEPT. SHALL BE MADE BY THE CONTRACTOR AT LEAST 48 HOURS BEFORE THE INSPECTION SERVICES WILL BE REQUIRED. EXCEPT IN AN EMERGENCY AS DEFINED BY THE SOUTH JORDAN CITY MUNICIPAL CODE \$ 12.08.010.
- 11. WORK IN PUBLIC WAY, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
- 12. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION.
- 13. POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CITY OF SOUTH JORDAN. POWER LINES AND ALL OTHER AERIAL UTILITIES ARE TO BE BURIED AND POLES REMOVED AS DETERMINED BY THE CITY FNGINFFR

- 14. CONTRACTOR TO FOLLOW SALT LAKE COUNTY NOISE ORDINANCE
- 15. CONTRACTORS ARE RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE.
- 16. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES AS PER STATE LAW AS WELL AS PROVIDING A STORM WATER POLLUTION PREVENTION
- 17. DEVELOPER IS RESPONSIBLE FOR LOCATING AND REPAIRING ALL UNDERGROUND STREETLIGHT WIRES, WATER LINES, STORM DRAIN LINES AND IRRIGATION LINES UNTIL 90% OF THE BOND HAS BEEN
- 18. ALL CITY MAINTAINED UTILITIES INCLUDING; WATERLINE, FIRE HYDRANTS, STREETLIGHT WIRING, AND STORM DRAIN MUST BE IN PUBLIC RIGHT OF WAY OR IN RECORDED EASEMENTS.
- 19. CONTRACTOR SHALL WORK SOUTH JORDAN CITY REGULAR WORKING HOURS OF MONDAY THROUGH FRIDAY 7:00 AM TO 4:00 PM. IF CONTRACTOR PERMITS OVERTIME WORK OR WORK ON A SATURDAY, SUNDAY OR ANY LEGAL HOLIDAY, CONTRACTOR SHALL RECEIVE PRIOR APPROVAL BY CITY ENGINEER. CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY OVERTIME INSPECTION FEE'S TO THE CITY OF SOUTH JORDAN ON THE THURSDAY PRIOR TO THE SATURDAY, SUNDAY OR LEGAL HOLIDAY REQUESTED. THIS APPLIES TO ALL WORK WITHIN THE PUBLIC RIGHT OF WAY INCLUDING TRAFFIC CONTROL AND
- 20. PRIOR TO 90% BOND RELEASE, A LEGIBLE AS-BUILT DRAWING MUST BE SUBMITTED TO THE CITY OF SOUTH JORDAN STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER. AS-BUILTS MUST SHOW ALL CHANGES AND ACTUAL FIELD LOCATIONS OF STORM DRAINAGE, WATERLINES, IRRIGATION, STREET LIGHTING, AND POWER. AS-BUILTS WILL BE HELD TO THE SAME STANDARD AS APPROVED DESIGN DRAWINGS, NO "REDLINED PLANS" ALLOWED. IN THE ABSENCE OF CHANGES, COPIES OF THE APPROVED DRAWINGS WILL BE REQUIRED STATING "INSTALLED AS PER DRAWINGS". AS-BUILT DRAWINGS FOR NEW DEVELOPMENTS SHALL BE SUBMITTED TO THE CITY IN THE FOLLOWING FORMATS AND QUANTITIES PRIOR TO THE 90% BOND RELEASE: 1 .DXF COPY, 1 .PDF COPY,
- 21. FILTER FABRIC WRAPPED AROUND AN INLET GRATE IS NOT AN ACCEPTABLE INLET SEDIMENT BARRIER. SEE CHAPTER 9 OF SOUTH JORDAN CITY CONSTRUCTION STANDARDS AND SPECIFICATIONS FOR DETAILS OF APPROVED STORM WATER BMPS.
- 22. ASPHALT PAVING BETWEEN OCTOBER 15 AND APRIL 15 IS NOT ALLOWED WITHOUT A WRITTEN EXCEPTION FROM THE ENGINEERING
- 23. TO ENSURE PROPER PLANTING, PROTECTION AND IRRIGATION OF TREES, MITIGATING RISK OF TREE FAILURE OR FUTURE DAMAGE TO INFRASTRUCTURE, CONTRACTORS ARE REQUIRED TO FOLLOW THE STANDARDS AND SPECIFICATIONS OF THE ISA - INTERNATIONAL SOCIETY OF ARRORICULTURE.
- 24. ALL SMALL CELL CONSTRUCTION MUST FOLLOW THE SOUTH JORDAN CITY SMALL CELL INFRASTRUCTURE DESIGN GUIDELINES.
- 25. WHEN A PROPOSED DEVELOPMENT BORDERS A COLLECTOR, MINOR COLLECTOR OR ARTERIAL STREET AND IS REQUIRED TO CONSTRUCT COLLECTOR STREET FENCING ALONG THE BACK OF SIDEWALK, THE DEVELOPMENT SHALL ALSO BE REQUIRED PUT IN A CONCRETE MOW STRIP FROM THE BACK OF SIDEWALK TO UNDERNEATH THE FENCE PANELS. CONCRETE MOW STRIPS SHALL ALSO BE REQUIRED BETWEEN THE SIDEWALK AND FENCING ALONG THE REAR OF DOUBLE FRONTAGE LOTS.

1.2 CITY OF SOUTH JORDAN TRAFFIC NOTES

- 26. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY ENGINEER. PUBLIC WORKS DIRECTOR OR
- 27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS, ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.

- 28. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HEREUNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR PER APPROVED CONSTRUCTION DRAWINGS UNLESS APPROVED BY THE CITY
- 29. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING UTAH TRANSIT AUTHORITY (UTA) IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP
- 30. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCROACHMENTS INTO EXISTING PUBLIC STREETS. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) PER THE CURRENT EDITION ADOPTED BY UDOT AND BE APPROVED BY THE CITY OF SOUTH JORDAN BEFORE CONSTRUCTION BEGINS.
- 31. ALL SIGNS LARGER THAN 36" X 36" OR 1296 SQUARE INCHES PER SIGN POLE SHALL BE MOUNTED ON A SLIP BASE SYSTEM PER UDOT STANDARD DRAWING SN 10B (DETAIL DRAWING ATTACHED TO STANDARD DRAWINGS) WITH A "Z" BAR BACKING, SIGNS OF THIS SIZE ARE NOT ALLOWED TO BE MOUNTED ON A YIELDING POLE.
- 32. SIGN COMPONENTS SUCH AS SHEETING, EC FILM, INKS, LETTERS AND BORDERS ARE ALL REQUIRED TO BE FROM THE SAME MANUFACTURER. ONLY EC FILM MAY BE USED TO ACHIEVE COLOR. VINYL EC FILM IS NOT ACCEPTED.
- 33. PAVING ASPHALT BINDER GRADE SHALL BE PG 58-28 UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER. ASPHALT AGGREGATE SIZE SHALL BE 1/2 INCH FOR RESIDENTIAL AND COLLECTOR ROADS. NO MORE THAN 15% RAP (RECLAIMED ASPHALT PAVEMENT) BY WEIGHT WILL BE ALLOWED IN THE ASPHALT MIX DESIGN FOR THE PAVING OF PUBLIC AND PRIVATE STREETS. UP TO THE 15 PERCENT WILL BE ALLOWED WITH NO CHANGE IN THE SPECIFIC BINDER GRADE. THE ASPHALT MIX DESIGN SHALL HAVE NO MORE THAN 31/2 % AIR
- 34. POTHOLING: ALL POTHOLES MUST BE SAW CUT SQUARE AND HAVE A MINIMUM SIZE OF 1 SQUARE FOOT. WHEN REPAIRING A POTHOLE, SAND OR PEA GRAVEL MEETING SOUTH JORDAN CITY STANDARDS SHALL BE PLACED OVER THE EXPOSED LITILITY TO A DEPTH OF 6 INCHES. FOLLOWING THE PEA GRAVEL WILL BE FLOWABLE FILL UP TO 1 INCH BELOW THE BOTTOM EDGE OF THE EXISTING ASPHALT. THE REMAINING PORTION OF THE HOLE SHALL BE FILLED WITH ASPHALT, WHICH WILL HAVE AN OVERALL THICKNESS OF THE EXISTING ASPHALT PLUS 1 INCH.
- 35 ALL FILL WITHIN THE PUBLIC RIGHT OF WAY SHALL BE A-1-A TO A-3, WITH THE EXCEPTION OF TOP SOIL IN THE PARK STRIP FOR LANDSCAPING AND TRENCH BACKFILL. TRENCH BACKFILL MATERIAL UNDER PAVEMENTS OR SURFACE IMPROVEMENTS SHALL BE CLEAN NON- CLUMPING, GRANULAR AND FLOWABLE, 2" MINUS, A-1-A TO A-2-7 SOILS ACCORDING TO AASHTO 145 SOIL CLASSIFICATION SYSTEM. LIME TREATED FLOWABLE FILLS, IF APPROVED, SHALL HAVE A 28-DAY STRENGTH OF 65 PSI.
- 36. ALL TRAFFIC ROAD CLOSURES INVOLVING 1 OR MORE LANES OF TRAFFIC MUST RECEIVE PRIOR APPROVAL FROM THE CITY ENGINEER OR HIS/HER REPRESENTATIVE. VMS PCMS BOARDS MUST BE PLACED A MINIMUM OF 7 DAYS IN ADVANCE OF ANY LANE CLOSURE ON COLLECTOR, MINOR COLLECTOR OR ARTERIAL STREET. VMS PCMS BOARDS MUST ALSO BE PLACED IN ADVANCE OF ANY LANE CLOSURES ON A SUBDIVISION STREET PER THE CITY ENGINEER'S
- 37. ALLEYWAYS AND LANES ARE TO HAVE 6 FEET MAXIMUM SPACING FOR CONTROL JOINTS IN STRAIGHT SECTIONS AND ARE TO HAVE AN EXPANSION JOINT EVERY 60 FEET AND AT ALL PC'S AND PT'S.
- 38. CONSTRUCTION OF ANY PUBLIC STREET REQUIRES A SIGN OFF CHECKLIST PRIOR TO THE ROAD BEING OPENED TO TRAFFIC FOR USE BY THE GENERAL PUBLIC. THE CHECKLIST MUST BE REQUESTED BY THE DEVELOPER. THE CITY'S ASSIGNED PROJECT ENGINEER WILL PREPARE THE CHECKLIST AND PROVIDE IT TO THE DEVELOPER/CONTRACTOR.

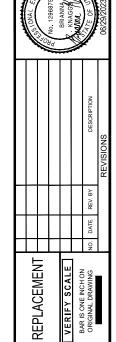
1.4 CITY OF SOUTH JORDAN GRADING NOTES

- 39. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER AND CITY ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR
- 40. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK. SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
- 41. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
- 42. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT, ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
- 43. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

HORIZONTAL VERTICAL COMPACTION

PAVEMENT AREA SUBGRADE 0.1'+ +0.0' TO -0.1' SEE SOILS ENGINEERED FILL 0.5'+ +0.1' TO -0.1' SEE SOILS COMPACTION TESTING WILL BE PERFORMED BY THE DEVELOPER OR HIS REPRESENTATIVE.

- 44. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
- 45. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER FROM THE PUBLIC WORKS DEPARTMENT.
- 46. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF- WAY IN A CLEAN, SAFE AND USABLE CONDITION, ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
- 47. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE DEVELOPER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.



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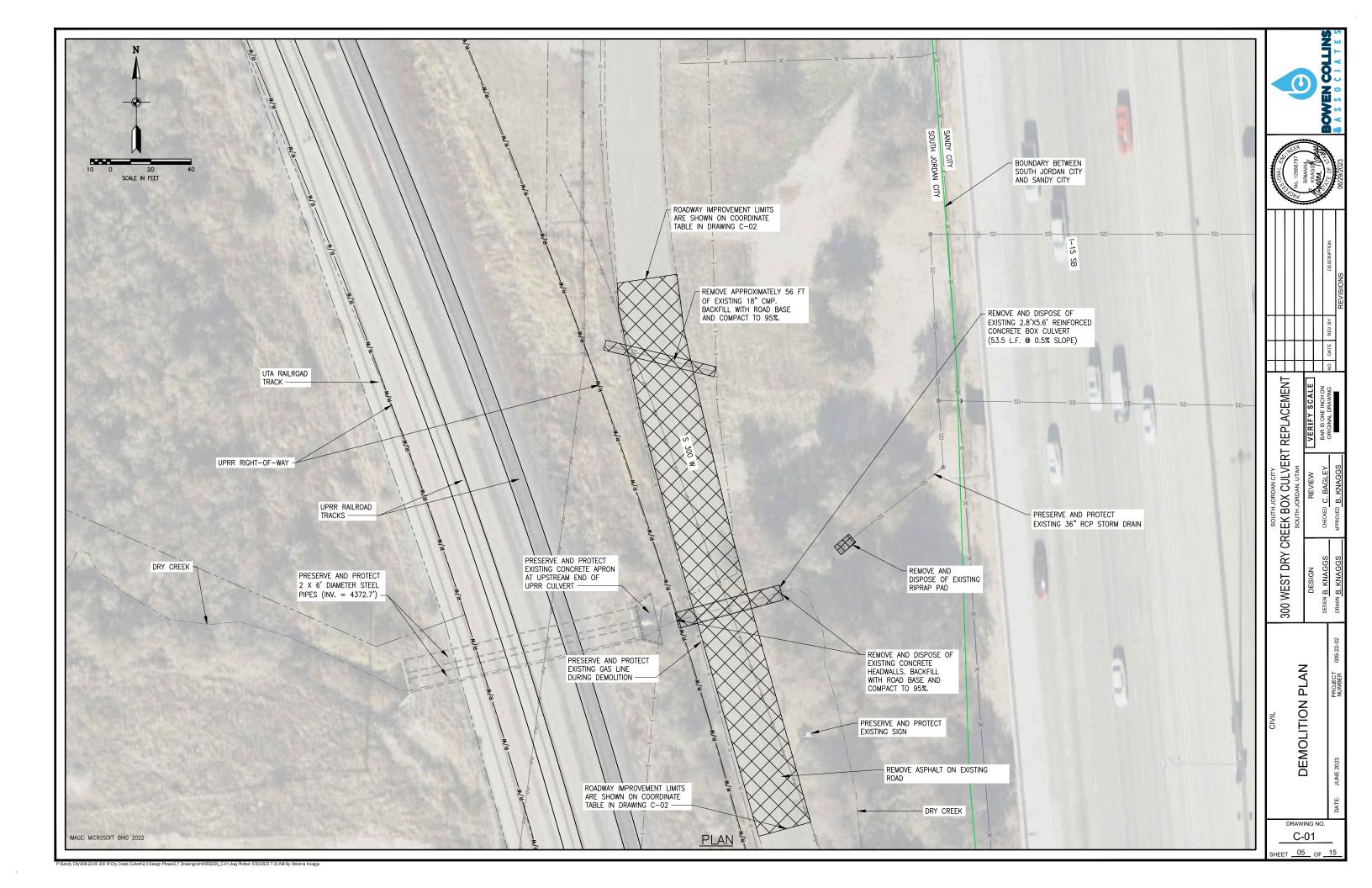
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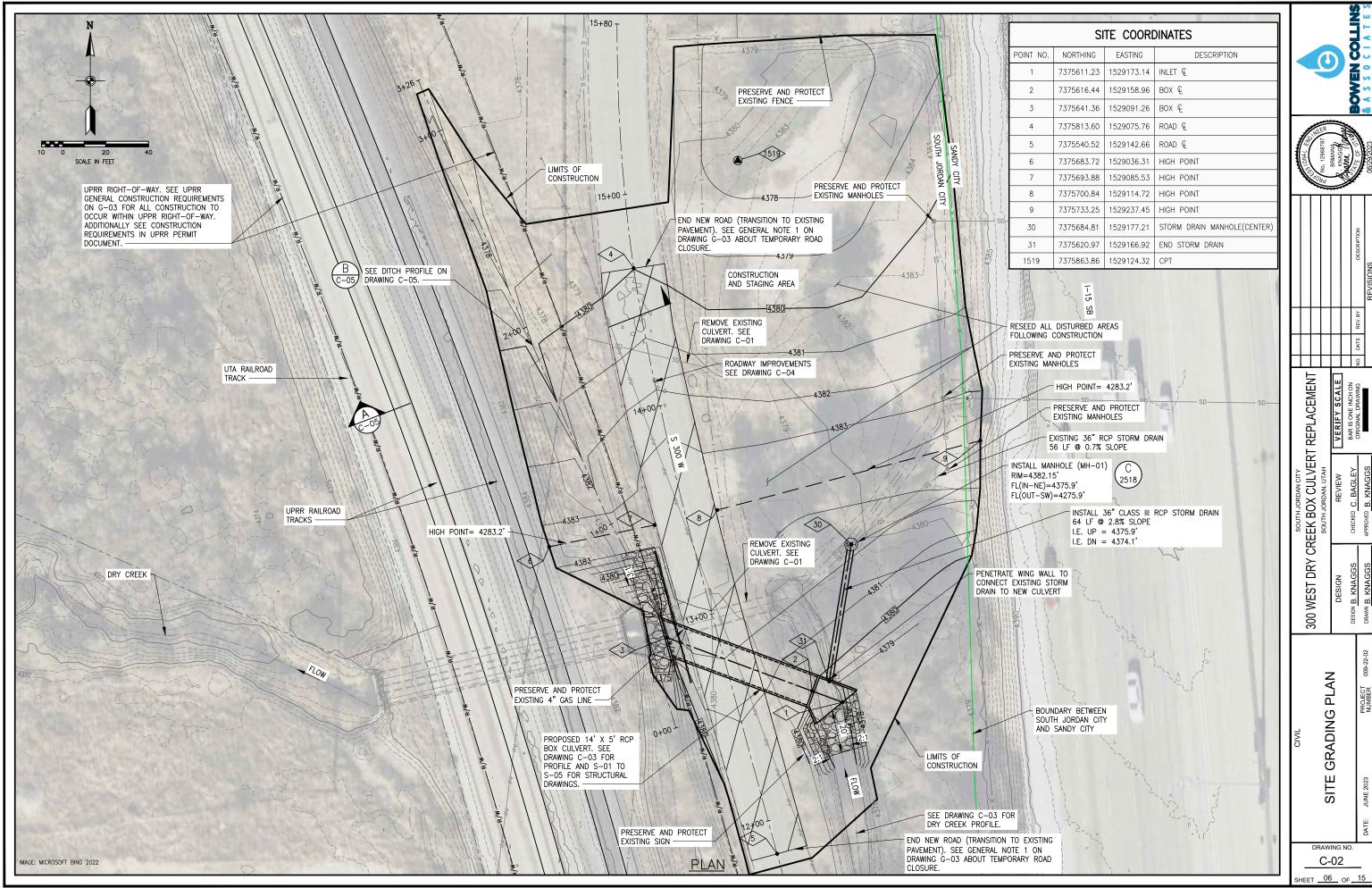
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GENERAL

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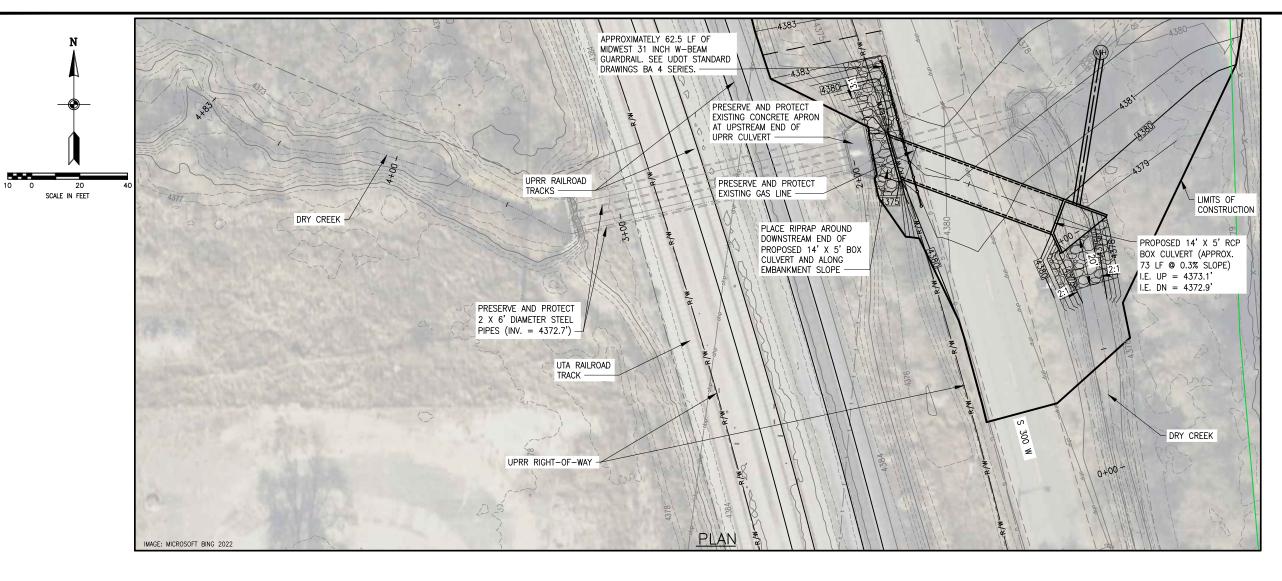
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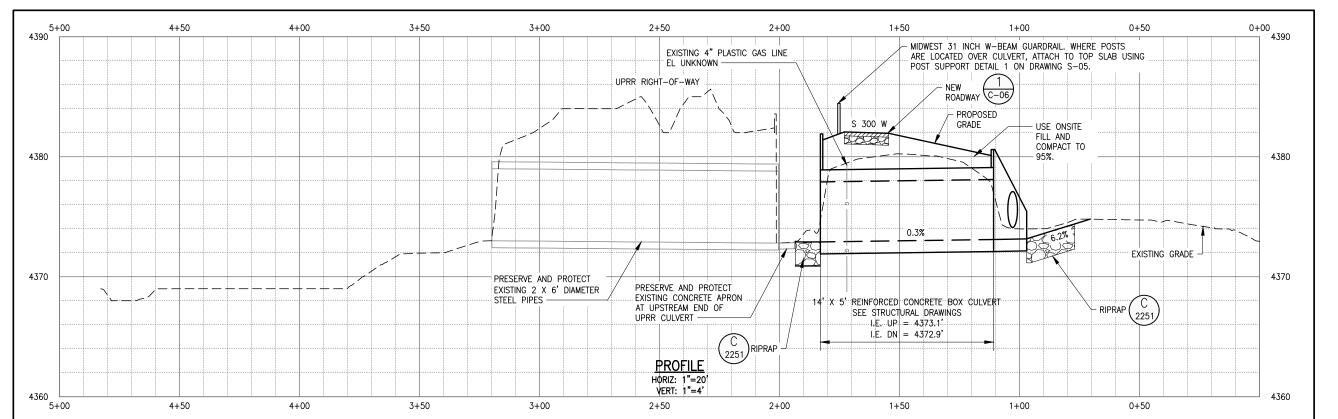


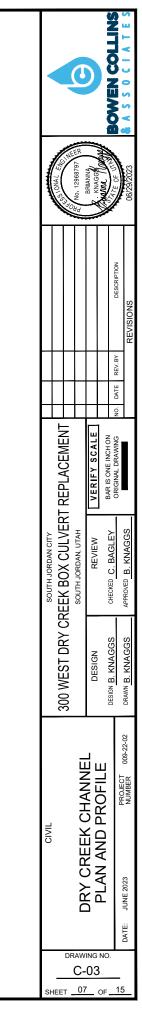


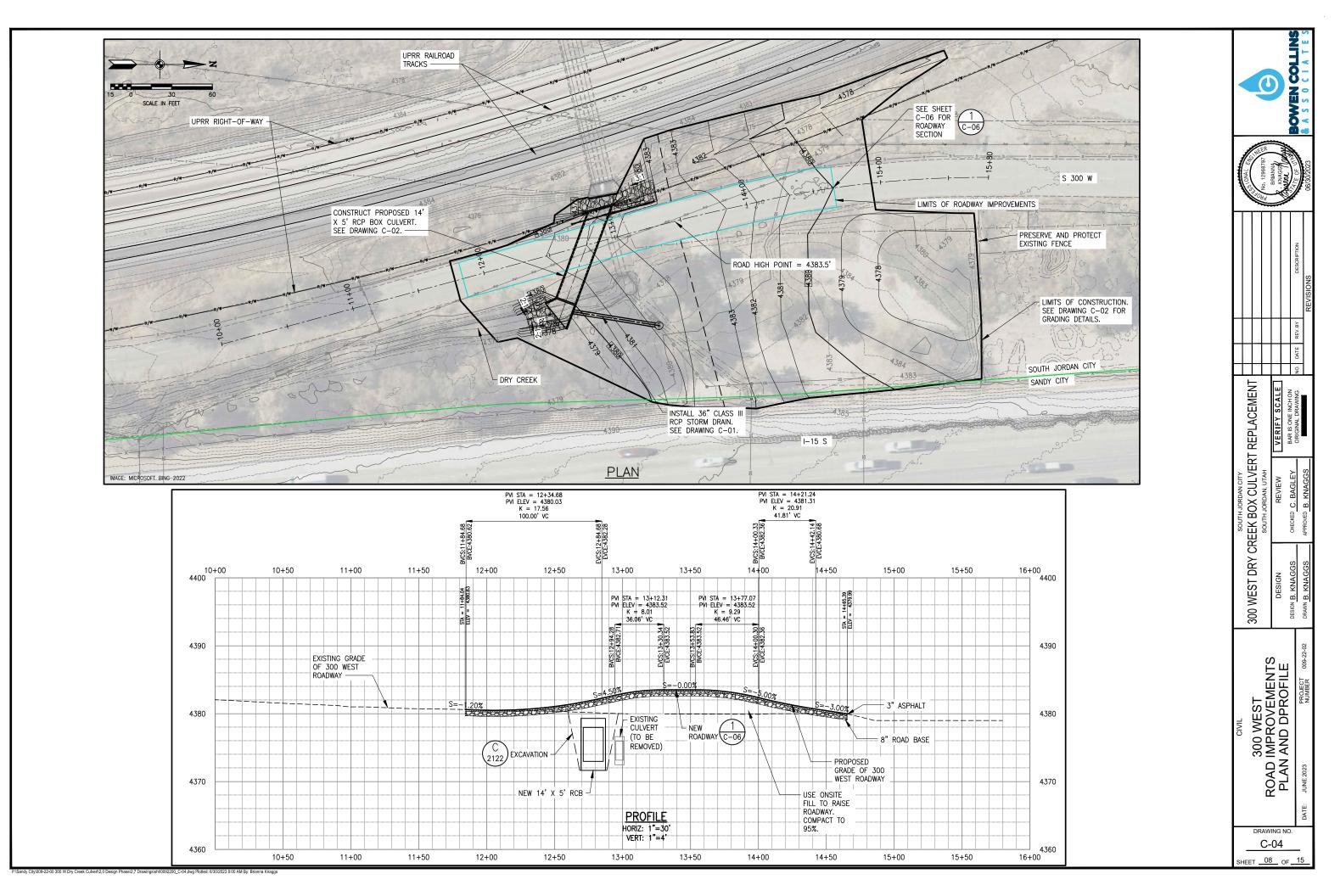


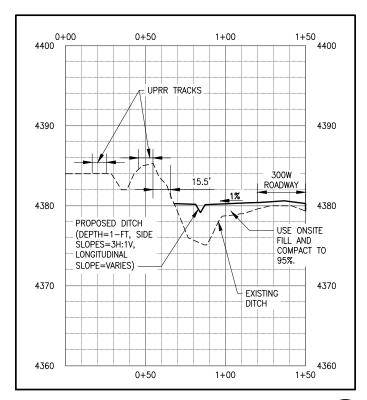
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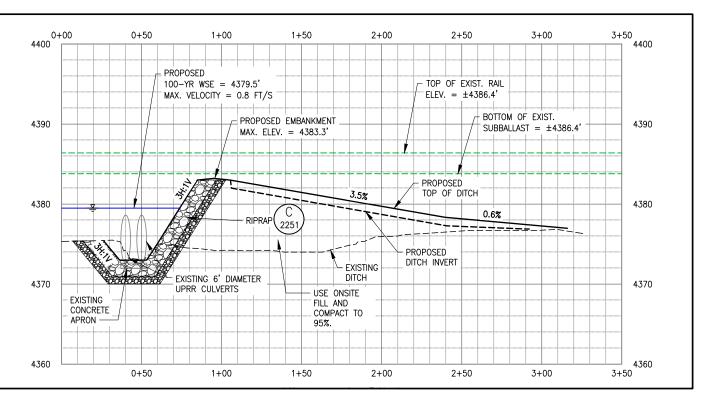












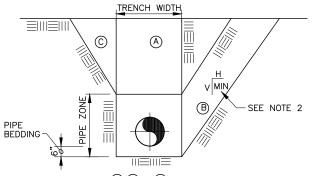
CROSS SECTION AT UPRR TRACKS

SCALE: HORZ. 1"=30' VERT. 1"=5'



DITCH AND EMBANKMENT PROFILE

SCALE: HORZ. 1"=30' VERT. 1"=5'



ALTERNATE TRENCH SECTIONS (A) (B) & (C)

(A) VERTICAL TRENCH WALL

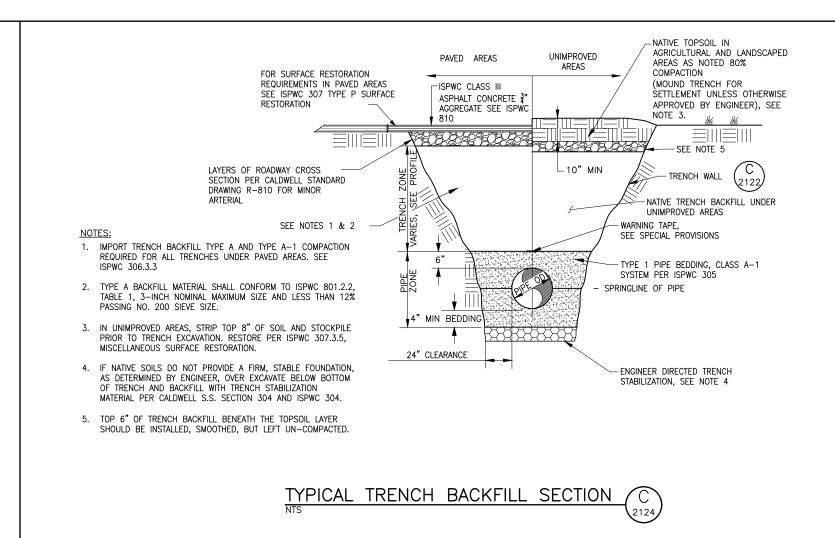
MAX UNSUPPORTED HEIGHT=3.5 FT. FOR DEPTH OVER 3.5 FT SHORING OR SHEATHING REQUIRED.

NOT TO BE USED WITHOUT APPROVAL OF ENGINEER.
REQUIRES IMPROVED PIPE ZONE BACKFILL OR INCREASE IN PIPE CLASS

COMBINATION VERTICAL/SLOPING TRENCH
TRENCH IN PIPE ZONE SHALL HAVE VERTICAL WALLS WHERE STABLE SOIL EXISTS.

- TRENCH EXCAVATIONS TO BE IN ACCORDANCE WITH OSHA SAFETY AND HEALTH STANDARDS FOR CONSTRUCTION. (29 CFR 1926).
- 2. CONTRACTOR TO PROVIDE SHORING OR TRENCH BOX IN ROADWAY AREAS TO MINIMIZE TRENCH WIDTH.
- CONTRACTOR TO PROVIDE ALL DEWATERING MEASURES AS REQUIRED. GROUNDWATER ELEVATION SHALL BE MAINTAINED 2—FEET BELOW BOTTOM OF TRENCH UNTIL BACKFILL IS COMPLETE.





DOX CULVERT REPLACEMENT

CREEK

300 WEST DRY

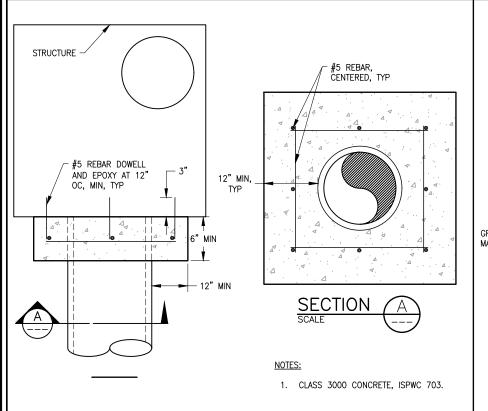
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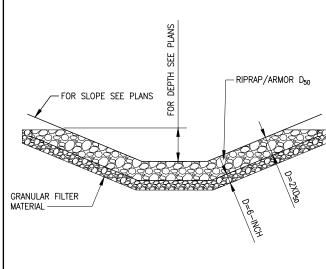
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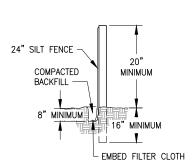


NOTES:

- 1. FOR RIPRAP DEPTH AND SLOPE SEE PLANS
- 2. $D_{50} = 12 INCH$

RIPRAP PROTECTION NOT TO SCALE

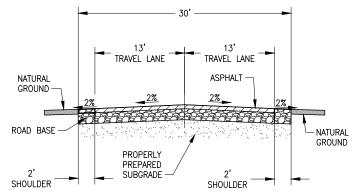




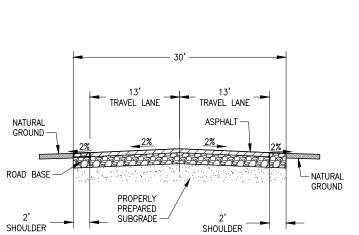
PIPE TO STRUCTURE COLLAR

- 1. POSTS SPACED 10' OC. MAXIMUM.
- 2. FILTER CLOTH TO BE TIED TO MESH EVERY 24" AT TOP AND MIDDLE WITH 6" FOLDED OVERLAP AT VERTICAL SEAMS.
- 3. FENCE SHALL BE MAINTAINED AND ACCUMULATED MATERIAL
- 4. FENCE SHALL BE REMOVED AFTER CONSTRUCTION AND SITE RESTORED.

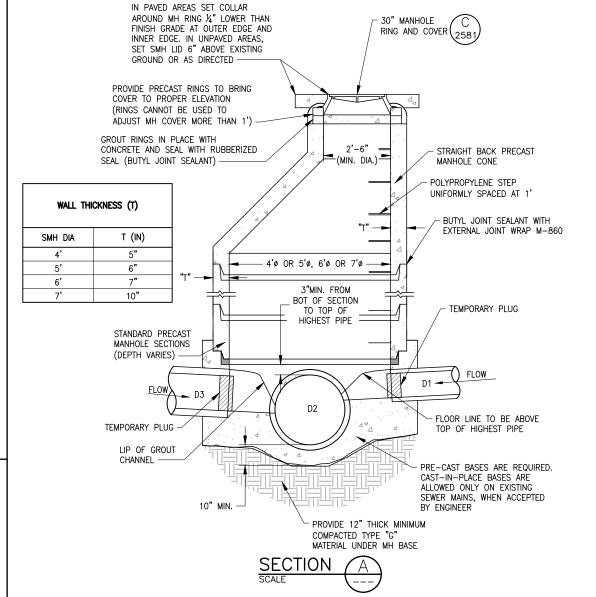
SILT FENCE SCALE:NTS 2281







PROPOSED 300 WEST ROADWAY CROSS-SECTION



NOTES:

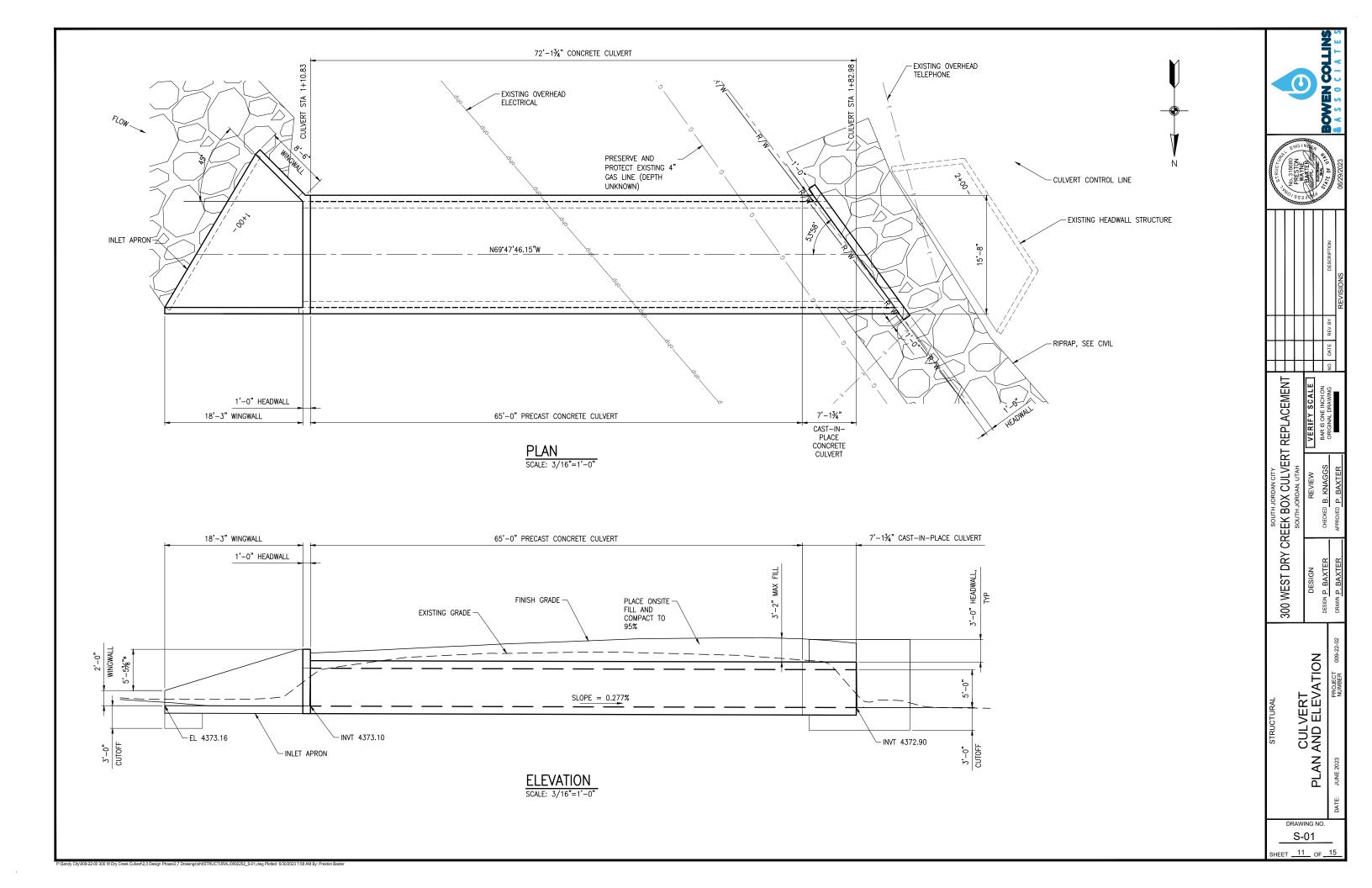
- 1. INVERTS D1, D2 AND D3 SHALL MATCH THOSE SHOWN IN PLANS.
- AFTER ALL GRADING AROUND MANHOLE HAS BEEN COMPLETED AND FINAL SURFACING IS IN PLACE, REMOVE DEBRIS AND TEMPORARY PLUGS OR PLYWOOD FROM INSIDE OF MANHOLES.
- 3. IF MANHOLE IS TO BE POURED IN PLACE, FOLLOW SAME PATTERN AS SHOWN EXCEPT USE 10" MIN WALL THICKNESS.
- 4. CONE AND WALL SECTIONS TO CONFORM TO ASTM C-478.
- PLUG OUTLET OF DOWNSTREAM MANHOLE UNTIL CONSTRUCTION IS
- PIPES D1, D2 AND D3 SHALL BE CONNECTED TO MANHOLE USING WATERTIGHT CONNECTOR PER ASTM C923.

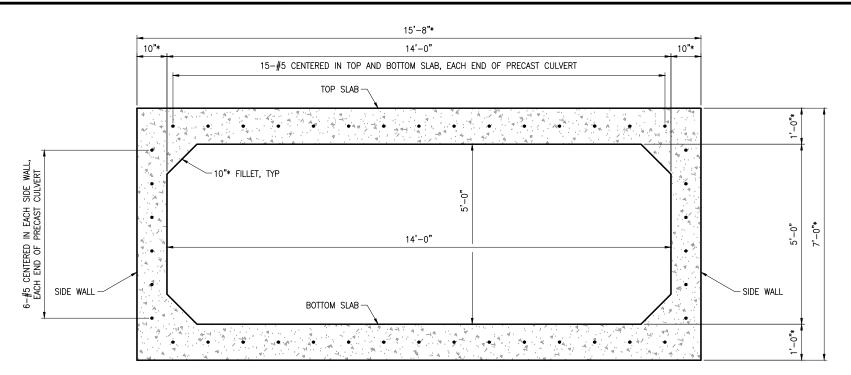
- 7. PRECAST MANUFACTURER SHALL DESIGN THE STRUCTURE TO RESIST ALL UPLIFT FORCES ASSOCIATED WITH A WATERTABLE AT 2' BELOW EXISTING GRADE.
- SET MANHOLE ON FIRM, STABLE, DRY BASE. ENSURE GROUNDWATER IS REMOVED TO A MINIMUM DEPTH OF 12" BELOW THE BOTTOM OF EXCAVATION.
- IF NATIVE SOILS AT BOTTOM OF EXCAVATION AREA ARE SOFT, DISTURBED OR OTHERWISE UNSUITABLE, OVER EXCAVATE TO A DEPTH OF 12" AND BACKFILL WITH STABILIZATION GRAVEL, TYPE F.

STANDARD MANHOLE SCALE:NTS

пн JORDAN CITY BOX CULVERT REPLACEMENT SOU CREEK DRY $^{\circ}$ DETAILS DRAWING NO.

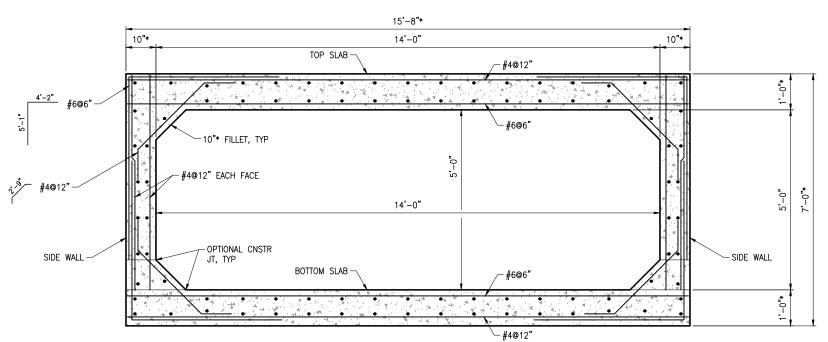
C-06 SHEET 10 OF 15





*NOTE: PRECAST CULVERT DIMENSIONS TO BE DETERMINED BY DESIGNER

PRECAST CULVERT SECTION SCALE: 3/4"=1'-0"



*NOTE: MATCH PRECAST CULVERT DIMENSIONS. CONTACT ENGINEER OF RECORD PRIOR TO CAST-IN-PLACE CONSTRUCTION IF DIMENSIONS ARE SMALLER THAN THOSE SHOWN HERE.

CAST-IN-PLACE CULVERT SECTION

GENERAL NOTES

- USE REINFORCEMENT BARS CONFORMING TO ASTM A615, GRADE 60.
- 2. CHAMFER EXPOSED CONCRETE CORNERS ¾" UNLESS
- PROVIDE 2 INCH MINIMUM CONCRETE COVER TO REINFORCING STEEL UNLESS SHOWN OTHERWISE.
- VERIFY UTILITY LOCATIONS BEFORE CONSTRUCTION.
 PROTECT EXISTING UTILITIES IN PLACE UNLESS SHOWN
- 5. DO NOT SCALE DRAWINGS. HORIZONTAL DIMENSIONS ARE PLAN. VERTICAL DIMENSIONS ARE PLUMB.

DESIGN DATA

HL-93 LOADING IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION.

CAST-IN-PLACE STRUCTURAL CONCRETE (WINGWALLS, FOOTINGS, HEADWALLS, CULVERT) f'c = 4.0 KSI

PRECAST CONCRETE (PRECAST CULVERT BARREL) f'c = 4.0 KSI

REINFORCING STEEL fy = 60KSI AT ALL LOCATIONS

FILL MATERIAL (ASSUMED) MOIST UNIT WEIGHT = 135pcf FRICTION ANGLE Φ = 30deg





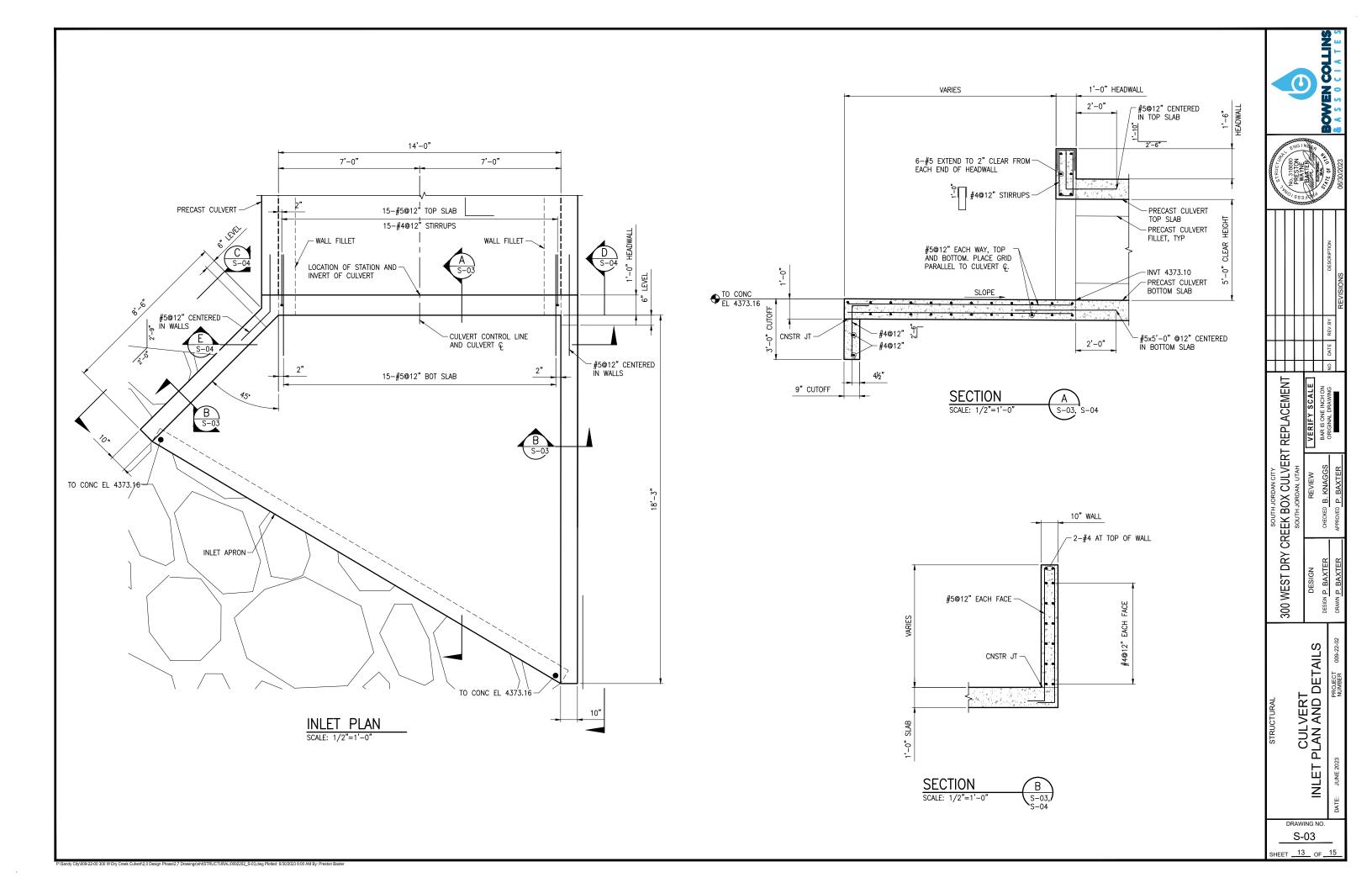
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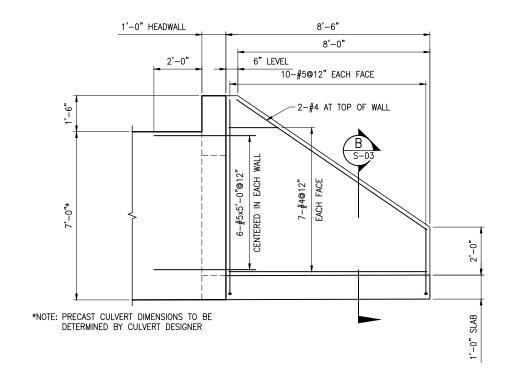
SOUTH JORDAN CITY
300 WEST DRY CREEK BOX CULVERT REPLACI

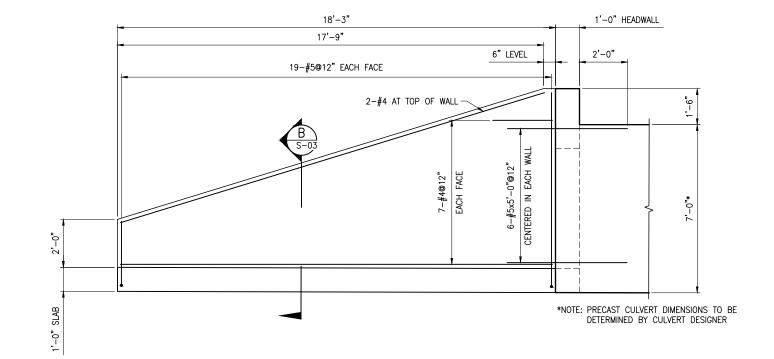
CULVERT SECTION THROUGH STRUCTURE AND GENERAL NOTES

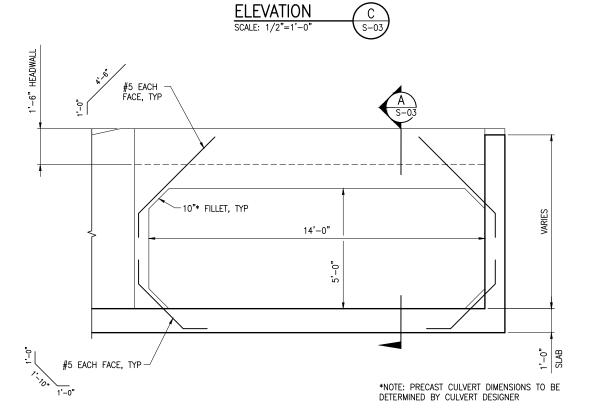
DRAWING NO. S-02

SHEET 12 OF 15

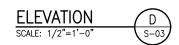


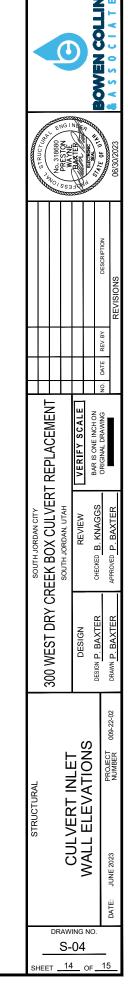






HEADWALL ELEVATION
SCALE: 1/2"=1'-0"





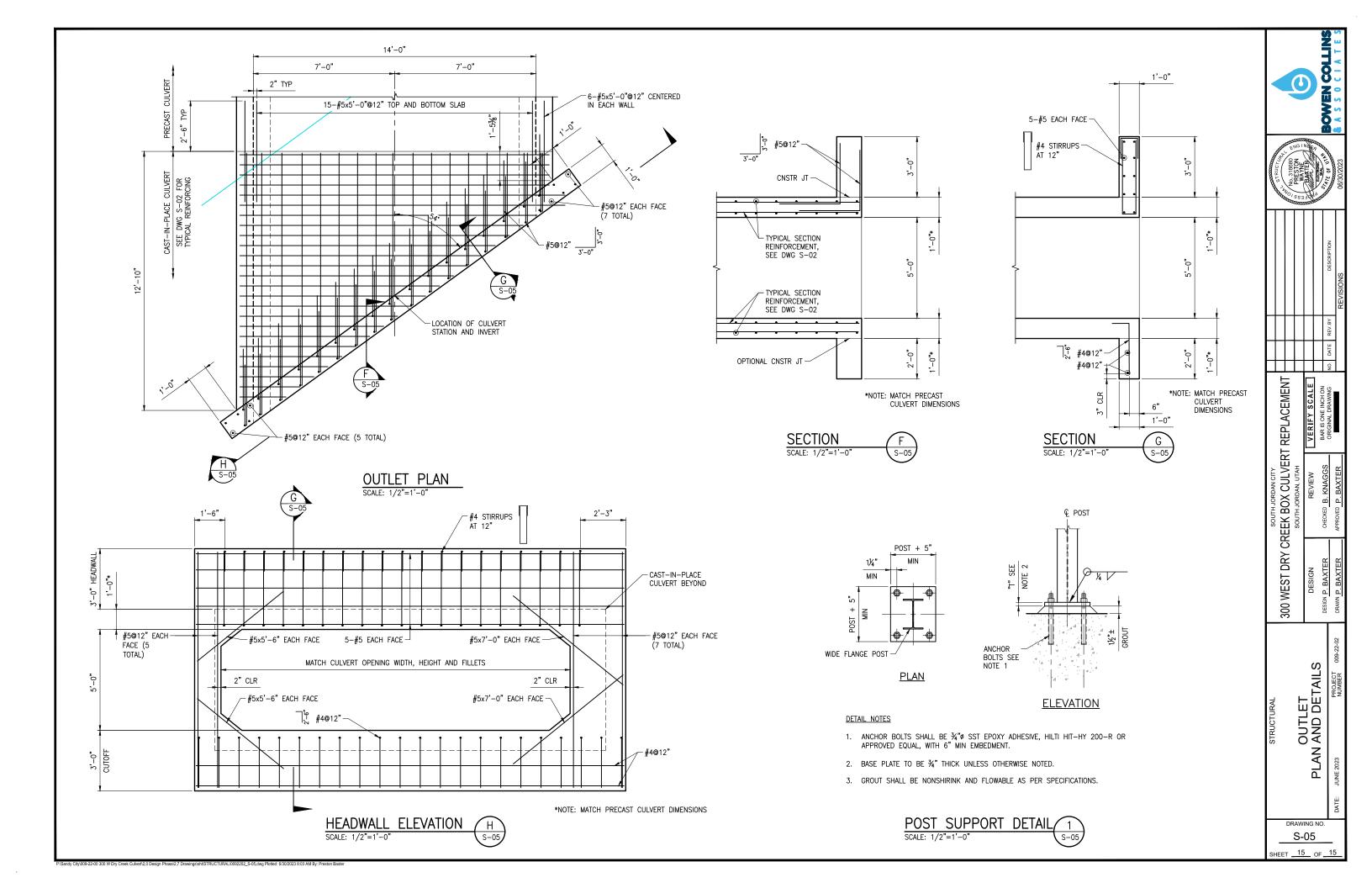


EXHIBIT B

(Cost Distribution)

Entity	(Construction	Co	sts Incurred	Total
Sandy City	\$	170,577	\$	115,272	\$ 285,849
South Jordan City	\$	270,943	\$	14,905	\$ 285,848
Property Owner	\$	50,000	\$	37,906	\$ 87,906
SLCO	\$	300,000	\$	-	\$ 300,000
Total	\$	791,520	\$	168,083	\$ 959,603