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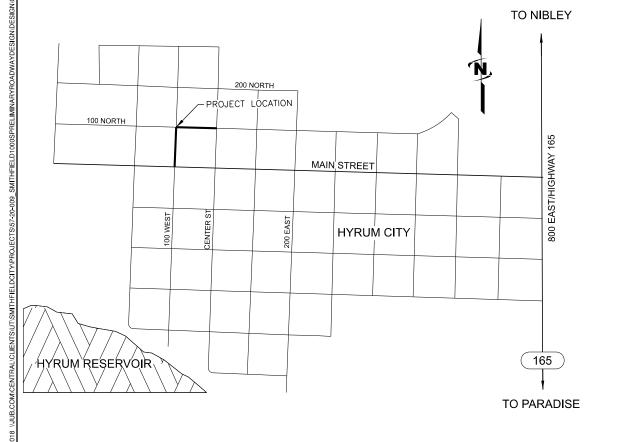
# HYRUM CITY

## FIRE STATION SWALE

MAY 2025

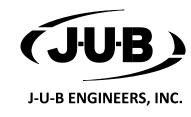
**BID SET** 

### AREA MAP



**VICINITY MAP** 

PROJECT NO. 57-23-005



OTHER J-U-B COMPANIES





### **INDEX TO SHEETS**

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SHEET NUMBER:

### **GENERAL NOTES**

- HYRUM CITY CORPORATION AND THE ENGINEER HAVE JURISDICTION OVER THIS
   PROJECT. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND BUSINESS
   LICENSES PRIOR TO CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR DUST ABATEMENT AND ANY LIABILITY ISSUES
   RELATED TO DUST AT ANY LOCATION WHICH MAY BE CAUSED BY THIS PROJECT.
- THE CONTRACTOR IS RESPONSIBLE FOR TRAFFIC CONTROL AND PROTECTION OF PEDESTRIANS IN AND AROUND THIS WORK. REFERENCE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD LATEST EDITION FOR WORK ZONE TRAFFIC CONTROL).
- 4. ANY WORK DONE WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE APPROPRIATE TRANSPORTATION AGENCY AND SHALL MEET THE REQUIREMENTS OF THAT AGENCY AND, IN PARTICULAR, REQUIREMENTS OF ANY RIGHT-OF-WAY SPECIAL USE PERMIT, OR OTHER PERMIT. ALL WORK SHALL MEET CURRENT OSHA REQUIREMENTS.
- 5. WHERE WORK IS PERFORMED ON EASEMENTS, THE CONTRACTOR SHALL TAKE EVERY PRECAUTION TO ELIMINATE ANY ADVERSE EFFECTS ON THE ADJACENT PROPERTY AND/OR TO RESTORE IT TO ITS ORIGINAL CONDITION.
- 6. ALL DISTANCES AND DATA SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. IN CASE OF CONFLICT THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY SO THAT CLARIFICATION MAY BE MADE PRIOR TO THE START OF THE WORK.
- 7. THE CONTRACTOR SHALL ARRANGE FOR, SECURE AND PAY FOR DIRECTLY, ANY AND ALL TEMPORARY UTILITY SUPPLIES (E.G. WATER, POWER, AND TELEPHONE) IT MAY REQUIRE FOR PROSECUTION OF ITS WORK. THE COST OF SUCH UTILITIES SHALL BE INCLUDED IN THE APPROPRIATE BID ITEM WITH WHICH IT IS ASSOCIATED.
- SHOULD CONSTRUCTION BE HALTED BECAUSE OF INCLEMENT WEATHER
  CONDITIONS, THE CONTRACTOR WILL COMPLETELY CLEAN UP ALL AREAS AND
  MAINTAIN THE SURFACE IN GOOD CONDITION DURING THE SHUT-DOWN PERIOD.
- THE CONTRACTOR'S PERSONNEL, EQUIPMENT, AND OPERATIONS SHALL COMPLY FULLY WITH ALL APPLICABLE STANDARDS, REGULATIONS, AND REQUIREMENTS OF EXISTING FEDERAL, UTAH STATE, AND LOCAL GOVERNMENTAL AGENCIES.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL, STATE, AND FEDERAL PERMITS REQUIRED FOR STORMWATER POLLUTION PREVENTION AS A RESULT OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN FOR APPROVAL BY THE ENGINEER. IF THE CONSTRUCTION WILL DISTURB MORE THAN ONE ACRE, THE CONTRACTOR SHALL OBTAIN A COPY OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY'S NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY (OTHERWISE KNOWN AS THE CONSTRUCTION GENERAL PERMIT OR CGP) AND SUBMIT A "NOTICE OF INTENT" (NOI)[EPA FORM 3510-9 (6/03)] FOR PERMIT COVERAGE UNDER THE GENERAL PERMIT. THE CGP MAY BE FOUND ON THE INTERNET AT <http://www.epa.gov/npdes/stormwater/cgp> or by CONTACTING THE U.S. EPA OFFICE OF WATER DIRECTLY AT (800) 424-4372. THE NOI MAY BE FILED ELECTRONICALLY AT THE FOLLOWING WEBSITE: <HTTP://CFPUB.EPA.GOV/NPDES/STORMWATER/ENOLCEM>. THE CGP DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH OTHER REGULATIONS OR CONTRACT REQUIREMENTS REGARDING STORMWATER POLLUTION PREVENTION INCLUDING BUT NOT LIMITED TO: PROTECTION OF SURFACE WATERS, PREVENTION OF SOIL RUNOFF INTO DRAINS, DUST CONTROL, PREVENTION OF TRACKING SOILS TO ADJACENT STREETS, FUEL CONTAINMENT, SPILL CONTROL, ETC.
- 11. ALL WORK SHALL BE CONTAINED IN OR LIMITED TO THE CITY/COUNTY/STATE RIGHT-OF-WAY, CITY'S PROPERTY, EASEMENTS, OR APPROVED STAGING AREAS.
- ALL WORK SHALL BE IN ACCORDANCE WITH HYRUM CITY CONSTRUCTION STANDARDS.
- 13. CONTRACTOR IS RESPONSIBLE FOR ALL WORK IDENTIFIED IN THE BID SCHEDULE, INCLUDING EXCAVATION WITHIN NEW DRIVEWAY LIMITS AND FINAL GRADING AND COMPACTION OF SIDEWALK SUBGRADE TO PLAN ELEVATIONS.

### **EXISTING UTILITIES**

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE
  APPROPRIATE UTILITY COMPANIES WHEN CONSTRUCTION MIGHT INTERFERE
  WITH NORMAL OPERATION OF ANY UTILITIES. IT SHALL ALSO BE THE
  CONTRACTOR'S RESPONSIBILITY TO HAVE THE APPROPRIATE UTILITY
  COMPANY FIELD-LOCATE ANY UTILITY INSTALLATIONS WHICH MIGHT BE
  AFFECTED BY CONSTRUCTION PRIOR TO BEGINNING WORK IN THAT AREA.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SERVICE OF EXISTING UTILITIES AND FOR RESTORING ANY UTILITIES DAMAGED DUE TO CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
- 3. DEPTHS AND ELEVATIONS OF UTILITIES ARE UNKNOWN UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS, DEPTHS, AND ELEVATIONS. ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.

### **INSPECTION AND TESTING**

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATERIALS TESTING INCLUDING BUT NOT LIMITED TO CONCRETE, LEAK, PRESSURE, AND COMPACTION. ALL TESTS SHALL MEET MINIMUM ENGINEER REQUIREMENTS. SEE THE CONTRACT DOCUMENTS AND DRAWINGS FOR FREQUENCY OF TESTING. RESULTS ARE TO BE DELIVERED TO SPECIAL INSPECTOR, OWNER AND ENGINEER.
- 2. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH ENGINEER AND SPECIAL INSPECTOR FOR INSPECTIONS OF WORK AT APPROPRIATE INTERVALS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PAY FOR ADDITIONAL INSPECTIONS THAT ARE THE RESULT OF HIS WORKMANSHIP.

### **CONTACT PHONE NUMBERS**

ENGINEER -

PAUL WILLARDSON, PE 435-713-9514 (o) PROJECT MANAGER

HYRUM CITY -

KADE MAUGHAN 435-213-7200 (c) WATER/ROADS



Know what's **below.**Call before you dig.

CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES (JUB)

J-U-B ENGINEERS, INC 1047 South 100 West, Suite 180 Logan, UT 84321

BID SET



		REUSE OF DRAWINGS				
	Š	J. U. B. SHALL RETAIN ALL COMMON LAW, STATUTORY, COPYRIGHT AND	9	YRIG	HTAND	
	OTE	OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL	딯	HE SA	ME SHALL	
	NOT	NOT BE REUSED WITHOUT J. U.B'S PRIOR WRITTEN CONSENT, ANY	SONS	ENT	٨N٢	
	RED	REUSE WITHOUT WRITTEN CONSENT BY J-U-B WILL BE AT CLIENT'S	BE A	TCLE	NT'S	
	SOL	SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO J-U-B.	SUR	TOJ	U.B.	
Г		REVISION				
	Ŏ.	DESCRIPTION	ВУ	APR.	BY APR. DATE	

# FIRE STATION SWALE HYRUM CITY

JUB PROJ. #: 57-23-005 DRAWN BY: JDD DESIGN BY: JDD

ONE INCH

AT FULL SIZE, IF NOT ONE
INCH. SCALE ACCORDING

SHEET NUMBER

### LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
POWER / COMMUNICA	ATIONS	
OVERHEAD POWER	—— онр ——	———— OHP ————
UNDERGROUND POWER	UP	— — — UP — — —
OVERHEAD TELEPHONE	—— онт ——	OHT
UNDERGROUND TELEPHONE	т	UT
FIBER OPTIC	——F/0——	
CABLE TELEVISION	стv	ctv
UNDERGROUND POWER, TEL, CABLE TV		- — — - P,T,CTV - — — -
UNDERGROUND POWER, TEL, CABLE TV, GAS		— — P,T,CTV,G — — —
STORM DRAIN		
STORM DRAIN (GENERAL)	so	———— SD ————
STORM DRAIN	x**so	x"sp
ROOF DRAIN	RD	RD
LAND DRAIN	го	——————————————————————————————————————
SANITARY SEWER		
SANITARY SEWER (GENERAL)	——-ss——	
SANITARY SEWER	x*ss	x"ss
SANITARY SEWER SERVICE	—ss——ss—	ss ss
SEWER FORCE MAIN	——	FM
WATER		
WATER (GENERAL)	w	w
WATER (SPECIFIED SIZE)	x*w	x"w
WATER SERVICE	—-wsws	ws ws
IRRIGATION		
IRRIGATION	IRR	IRR
GRAVITY IRRIGATION	GIRR	— — — GIRR — — —
PRESSURE IRRIGATION	PIRR	
POTABLE WATER	———Р₩———	PW
NON-POTABLE WATER	NPW	NPW
GAS		
NATURAL GAS	G	G
NATURAL GAS SERVICE	c c	G G
HIGH PRESSURE GAS	—— нРС ——	— — — нрg — — — —
LIQUID GAS	ге	LG
UTILITY		
CHLORINE LINE	CHL	CHL
INDUSTRIAL WASTE WATER	IWW	iww
DRAIN LINE	DL	DL

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
BOUNDARY		
PROPERTY LINE	——P/L——	———— P/L ———
PROPERTY LINE		
RIGHT OF WAY	R/w	R/W
TEMPORARY EASEMENT	T/E	т/е
PERMANENT EASEMENT	——P/E——	———— P/E ———
TOWNSHIP AND RANGE		
SECTION LINE		
QUARTER SECTION LINE		
1/16 SECTION LINE		
STATE LINE		
COUNTY LINE		
SITE		
FENCE	x	x
MAJOR CONTOUR	2521	
MINOR CONTOUR		
GRADE BREAK		GB
TOP OF BANK		тов
TOE OF SLOPE		тое
CUT LIMITS		
CUT LIMITS	сит	
FILL LIMITS		
FILL LIMITS	FILL	
DITCH		
STORM SWALE		
EDGE OF WATER		
HIGH WATER		
WETLAND		WET
WETLAND BOG		BOG
WETLAND MARSH		MRSH
WETLAND SWAMP		SWMP
ROADWAY		
ROAD SHOULDER		
ROAD CENTERLINE		
ROAD ASPHALT		— — — EP — — —
ROAD GRAVEL	———EG———	— — — EG — — —
TOP BACK OF CURB		
LIP OF GUTTER		
LANDSCAPING LIMITS	——LS——	ts

### SHEET NUMBERING

SAMPLE: C-101 - DISCIPLINE DESIGNATOR — SHEET TYPE DESIGNATOR - SHEET SEQUENCE NUMBER 1 01

DISCIPLINE DESIGNATORS				
DISCIPLINE	DESIGNATOR	DESCRIPTION		
	G	ALL GENERAL		
GENERAL	GI	GENERAL INFORMATION		
GENERAL	GC	GENERAL CONTRACTUAL		
	GR	GENERAL RESOURCE		
SURVEY/MAPPING	V	ALL SURVEY		
GEOTECHNICAL	В	ALL GEOTECHNICAL		
CIVIL	С	ALL CIVIL		
LANDSCAPE	L	ALL LANDSCAPE		
STRUCTURAL	S	ALL STRUCTURAL		
ARCHITECTURAL	А	ALL ARCHITECTURE		
EQUIPMENT	Q	ALL EQUIPMENT		
MECHANICAL	М	ALL MECHANICAL		
ELECTRICAL	E	ALL ELECTRICAL		
PLUMBING	Р	ALL PLUMBING		
PROCESS	D	ALL PROCESS		
RESOURCE	R	ALL RESOURCE		

SHEET TYPE DESIGNATORS			
DESIGNATOR SHEET TYPE			
0	GENERAL (SYMBOLS, LEGENDS, NOTES, ETC.)		
1	PLANS (HORIZONTAL VIEWS)		
2	ELEVATIONS, PROFILES, COMBINED PLAN & PROFILES		
3	SECTIONS (SECTIONAL VIEWS)		
4 LARGE-SCALE VIEWS (PLANS, ELEVATIONS, ECT.)			
5	DETAILS OR COMBINED DETAILS AND SECTIONS		
6	SCHEDULES AND DIAGRAMS		
7	USER DEFINED		
8	USER DEFINED		
9	3D REPRESENTATIONS (ISOMETRICS, PERSPECTIVES, PHOTOS)		

### SECTION AND DETAIL IDENTIFIERS

SECTION IDENTIFICATION

CALLOUT

LABEL

NOTE:
A DASH MAY BE PLACED IN THE LOWER PORTION
OF THE IDENTIFIER IF THE DETAIL DRAWING OR
SECTION VIEW IS LOCATED ON THE SAME SHEET.

### DETAIL NUMBER -SECTION LETTER ×A1 SHEET NUMBER WHERE -DETAIL DRAWING IS LOCATED SHEET NUMBER WHERE SECTION DRAWING IS





DETAIL IDENTIFICATION

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 1047 South 100 West, Suite 180 Logan, UT 84321

BID SET



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HT AND ME SHALL ANY NT'S U-B.					
PYRIG HE SA SENT					
CONS CONS CONS BE A					
REUSE OF DRAWINGS JUJB SHALL RETAN ALL COMMON LAW STATUTORY COPYRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL NOT BE REUSED WINFOUT JUJBS STORW WITTER ONSERT, ANY REUSE WITHOUT WRITTEN CONSERT BY JUJB WILL BER CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JUJB.	REVISION				

FIRE STATION SWALE HYRUM CITY

CHECKED BY: JDB

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH. SCALE ACCORDINGI
AST UPDATED: 5/1/2025

SHEET NUMBER:

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
SURVEY		
CAP (ALUMINUM)	$\oplus$	
CAP (BRASS)	•	
CHISELED X	$\boxtimes$	
CTRL PT GENERIC	<u> </u>	
CTRL PT ½" REBAR	△1/2" PIN CONTROL PT	
CTRL PT %" REBAR	△ 5/8" PIN CONTROL	
CTRL PT 60D NAIL	△ 60D	
CTRL PT HUB & TACK	А нт	
CTRL PT PK NAIL	Å PK	
CTRL PT TEMP BENCH MARK	А твм	
NAIL	0	٥
NAIL AND TAG	© <sup>N/T</sup>	
NAIL (PK)	© <sup>PK</sup>	
BOLT	•	
DRILL STEEL	0	
REBAR (½ ")	0	•
REBAR (5/8")	0	•
STAINLESS STEEL ROD	•	
IRON PIPE	©	
RAILROAD SPIKE	<b>♦</b>	
R/W MONUMENT	0	
STONE	<b>•</b>	
SECTION CORNER. MON.	22   15	
SECTION QUARTER MON.	15	
SITE		
BOLLARD		
BOULDER	0	<b>Ø</b>
DRINKING FOUNTAIN	DF	DF
FLAGPOLE	Ē	(Ē)
GATE		
MAIL BOX	M	M
PARKING METER	<u>PM</u>	₽M
POST	0	•
SIGN		-
SPOT ELEVATION		×
TREE (SHRUB)	0	
TREE (STUMP)	n	
TREE (CONIFEROUS)	W. W.	
TREE (DECIDUOUS)		
TEST HOLE	(TH)	
WELL	Ŵ	ŵ
WELL (MONITORING)	M	M

DESCRIPTION DESCRIPTION  WANHOLE (GENERIC) PRESSURE CLEAN OUT AT GRADE THRUST BLOCK VAULT  COMMUNICATION  TELE. MANHOLE TELE. PEDESTAL TELE. POLE TV PEDESTAL GUY WIRE  DOMESTIC WATER  FIRE HYDRANT SPIGOT WATER MANHOLE WATER MANHOLE WATER MANHOLE WATER MANHOLE  ELEC. TRIC ELEC. MANHOLE  ELEC. TRIC ELEC. METER ELEC. TRANS. JUNCTION BOX POWER STUB STREET LIGHT TRAFFIC SIGNAL POLE IRRIGATION VALVE IRRIGATION VALVE BRINGAT  RAS MATER  AA  NATURAL GAS  SANITARY SEWER  CATCH BASIN DRY WELL  FLARE END GREASE TRAP SD MANHOLE  TELE MANHOLE  GREASE TRAP ST ME MANHOLE  TO THE MA	OVAIDOL	EVICTING	PROPOSED
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PRESSURE CLEAN OUT AT GRADE THRUST BLOCK VAULT  COMMUNICATION  TELE. MANHOLE TELE. PEDESTAL TELE. POLE TV PEDESTAL GUY WIRE  DOMESTIC WATER FIRE HYDRANT SPIGOT YARD HYDRANT WATER MANHOLE WATER WATER BELEC. TRANS. BELT. TRANS.	UTILITIES		
AT GRADE THRUST BLOCK VAULT  COMMUNICATION  TELE. MANHOLE TELE. PEDESTAL TELE. POLE TV PEDESTAL GUY WIRE  DOMESTIC WATER  FIRE HYDRANT SPIGOT YARD HYDRANT WATER MANHOLE WATER METER WATER VALVE  ELEC.TRIC  ELEC. MANHOLE ELEC. MANHOLE ELEC. MANHOLE ELEC. TRANS. JUNCTION BOX POWER STUB STREET LIGHT TRAFFIC SIGNAL POLE IRRIGATION VALVE BRINGATION VALVE BOX SPRINKLER  NATURAL GAS  GAS METER GAS VALVE  SANITARY SEWER CLEANOUT SEWER STUB S SMANHOLE S SMANHOLE S SOM METANIC  GREASE TRAP  GREASE TRAP  TARE OF THE MANHOLE STORM DRAIN  CATCH BASIN DRY WELL FLARE END GREASE TRAP	MANHOLE (GENERIC)	0	•
VAULT  COMMUNICATION  TELE. MANHOLE  TELE. PEDESTAL  TELE. POLE  TV PEDESTAL  GUY WIRE  DOMESTIC WATER  FIRE HYDRANT  SPIGOT  WATER MANHOLE  WATER MANHOLE  WATER VALVE  ELECTRIC  ELEC. MANHOLE  ELEC. MANHOLE  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  S SMANHOLE  S SOME DOAL  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP		PCG	PCG
COMMUNICATION  TELE. MANHOLE  TELE. PEDESTAL  TELE. POLE  TV PEDESTAL  GUY WIRE  DOMESTIC WATER  FIRE HYDRANT  SPIGOT  YARD HYDRANT  WATER MANHOLE  WATER METER  WATER VALVE  ELEC. TRANS.  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION  IRRIGATION  IRRIGATION  IRRIGATION  IRRIGATION VALVE BOX  SPRINKLER  AA  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP	THRUST BLOCK		•
TELE. MANHOLE  TELE. PEDESTAL  TELE. POLE  TV PEDESTAL  GUY WIRE  DOMESTIC WATER  FIRE HYDRANT  SPIGOT  WATER MANHOLE  WATER MANHOLE  WATER MANHOLE  WATER WALVE  ELEC. TRIC  ELEC. MANHOLE  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION  IRRIGATION VALVE  BANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  PAYMENT  FLARE END  GREASE TRAP	VAULT	V	V
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FIRE HYDRANT SPIGOT PARD HYDRANT WATER MANHOLE WATER METER WATER VALVE ELECTRIC ELEC. MANHOLE ELEC. METER ELEC. TRANS. IS JUNCTION BOX POWER POLE POWER STUB STREET LIGHT TRAFFIC SIGNAL POLE IRRIGATION IRRIGATION VALVE BOX SPRINKLER A A NATURAL GAS GAS METER GAS VALVE SANITARY SEWER CLEANOUT SEWER STUB SS MANHOLE STORM DRAIN CATCH BASIN DRY WELL FLARE END GREASE TRAP	GUY WIRE	$\uparrow$	$\uparrow$
SPIGOT YARD HYDRANT WATER MANHOLE WATER METER WATER VALVE  ELECTRIC ELEC. MANHOLE ELEC. METER ELEC. TRANS. JUNCTION BOX POWER POLE POWER STUB STREET LIGHT TRAFFIC SIGNAL POLE IRRIGATION IRRIGATION VALVE BRIGATION SPRINKLER  NATURAL GAS  GAS WATER GAS VALVE  SANITARY SEWER  CLEANOUT SEWER STUB SS MANHOLE  STORM DRAIN  CATCH BASIN BRIGATE BOY  GREASE TRAP  POWER STUB SO S	DOMESTIC WATER		
YARD HYDRANT  WATER MANHOLE  WATER METER  WATER VALVE  ELECTRIC  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  IL  IL  IL  IL  IL  IL  IL  IL  IL  I	FIRE HYDRANT	A	
WATER MANHOLE  WATER METER  WATER VALVE  ELECTRIC  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION VALVE  IRRIGATION VALVE  IRRIGATION VALVE  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP	SPIGOT	€	€
WATER METER  WATER VALVE  ELECTRIC  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION VALVE  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  S S MANHOLE  STORM DRAIN  CATCH BASIN  B  C  C  C  C  C  C  C  C  C  C  C  C	YARD HYDRANT	P	•
WATER VALVE  ELECTRIC  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION VALVE  IRRIGATION VALVE  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP	WATER MANHOLE	w	•
ELECTRIC  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION VALVE  IRRIGATION VALVE  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP	WATER METER	⊞	•
ELECTRIC  ELEC. MANHOLE  ELEC. METER  ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION VALVE  IRRIGATION VALVE  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP	WATER VALVE	, w	w w
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ELEC. TRANS.  JUNCTION BOX  POWER POLE  POWER STUB  STREET LIGHT  TRAFFIC SIGNAL POLE  IRRIGATION  IRRIGATION VALVE  IRRIGATION VALVE BOX  SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP	ELEC. METER	E.	E
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IRRIGATION VALVE BOX  SPRINKLER  A  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP		IRR	IRR
SPRINKLER  NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			
NATURAL GAS  GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			
GAS METER  GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			
GAS VALVE  SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP		G	G
SANITARY SEWER  CLEANOUT  SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			
CLEANOUT  SEWER STUB  SS SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			<u> </u>
SEWER STUB  SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP		<u>@</u>	•
SS MANHOLE  STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			
STORM DRAIN  CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP		_	
CATCH BASIN  DRY WELL  FLARE END  GREASE TRAP			
DRY WELL  FLARE END  GREASE TRAP			
FLARE END  GREASE TRAP			
GREASE TRAP			(DW)
	FLARE END		
SD MANHOLE (D)			
	SD MANHOLE	(D)	

SYMBOL	EXISTING	PROPOSED
FITTINGS	SYMBOL	SYMBOL
BEND (11.25°)		J
BEND (22.5°)		~
BEND (45°)		Ţ
BEND (90°)		4
CAP		E
COUPLING	#	#
CROSS	+	+
REDUCER (CONCENTRIC)	$\bowtie$	M
REDUCER (ECCENTRIC)		
TEE	H	ㅗ
TRUE UNION	=	=
WYE		
VALVES		
AIR VALVE	Á	A
BLOW OFF	B	▲
COMBO VALVE	<u> </u>	<u> </u>
BALL VALVE (N.C.)	J <b>O</b> [	j <b>∓</b> c
BALL VALVE (N.O.)	19[	15t
BUTTERFLY VALVE	N	N
CHECK VALVE	И	И
CHECK VALVE (FLANGE)	N	N
CHECK VALVE (MJ)	N	
GATE VALVE	$\bowtie$	$\bowtie$
PLUG VALVE (N.C.)	<b>⋈</b>	×
PLUG VALVE (N.O.)	M	×
ROAD MARKINGS	Ι 4	
TURN ARROW		
ARROW STRAIGHT		<b>†</b>
ARROW STRAIGHT/TURN	KA A	4
BICYCLE ROUTE		oko.
CAR		_
HANDICAP SYMBOL	Ğ	Ł.
ROADWAY		
INTERSTATE ROUTE	25	
MAST ARM		
PEDESTRIAN SIGNAL		
STATE ROUTE	14	

TRAFFIC LIGHT

SYMBOL DESCRIPTION	EXISTING SYMBOL	PROPOSED SYMBOL
ROADWAY (CONT.)		
TYPE 2 BARRICADE	• •	
US ROUTE	(287)	
TRAFFIC ATTENUATOR		
JERSEY BARRIER		

AE	BBREVIATIONS
ASSY	ASSEMBL
>	ANGL
@	AT (MEASUREMENT:
BLDG	BUILDIN
BM	BENCH MAR
BSC	BITUMINOUS SURFACE COURS
BSW	BACK OF SIDEWAL
BW	BOTH WAY
C	CHANNEL (STRUCTURA
C/L	CENTER LIN
CMP	CORRUGATED METAL PIF
CO	CLEANOL
	CONCRET
CONC	CONTINUOL
CONT	
CPLG	COUPLIN
CU FT	CUBIC FEE
CU YD	CUBIC YAR
DEG OR °	DEGRE
DET	DETA
DIA OR Ø	DIAMETE
DIP	DUCTILE IRON PIF
DIST	DISTRIBUTIO
DWG	DRAWIN
EA	EAC
ELB	ELBO'
ELEV	ELEVATIC
EW	EACH WA
EXIST	EXISTIN
FG	FINISH GRAD
FH	FIRE HYDRAN
FLG	FLANG
FT OR '	FEE
GV	GATE VALV
HORIZ	HORIZONTA
ID	INSIDE DIAMETE
IN OR "	INC
LB OR #	POUN
LF	LINEAL FEE
LN	LINEA
MAX	MAXIMU
MIN	MINIMU
NO OR #	NUMBE
PE	POLYETHYLEN
PL	PLAT
PL	PROPERTY LIN
PVC	POLYVINYL-CHLORIE
R R	RADIU
	RADIUS POIN
RP	REMOVE & REPLACE
R&R	
REM	REMOV
REQ'D	REQUIRE
REV	REVISIO
R/W	RIGHT-OF-WA

SYMBOL DESCRIPTION	EXISTING SYMBOL	SYMBOL
ROADWAY (CONT.)		
TYPE 2 BARRICADE	• •	
US ROUTE	287	
TRAFFIC ATTENUATOR		
JERSEY BARRIER		
_		

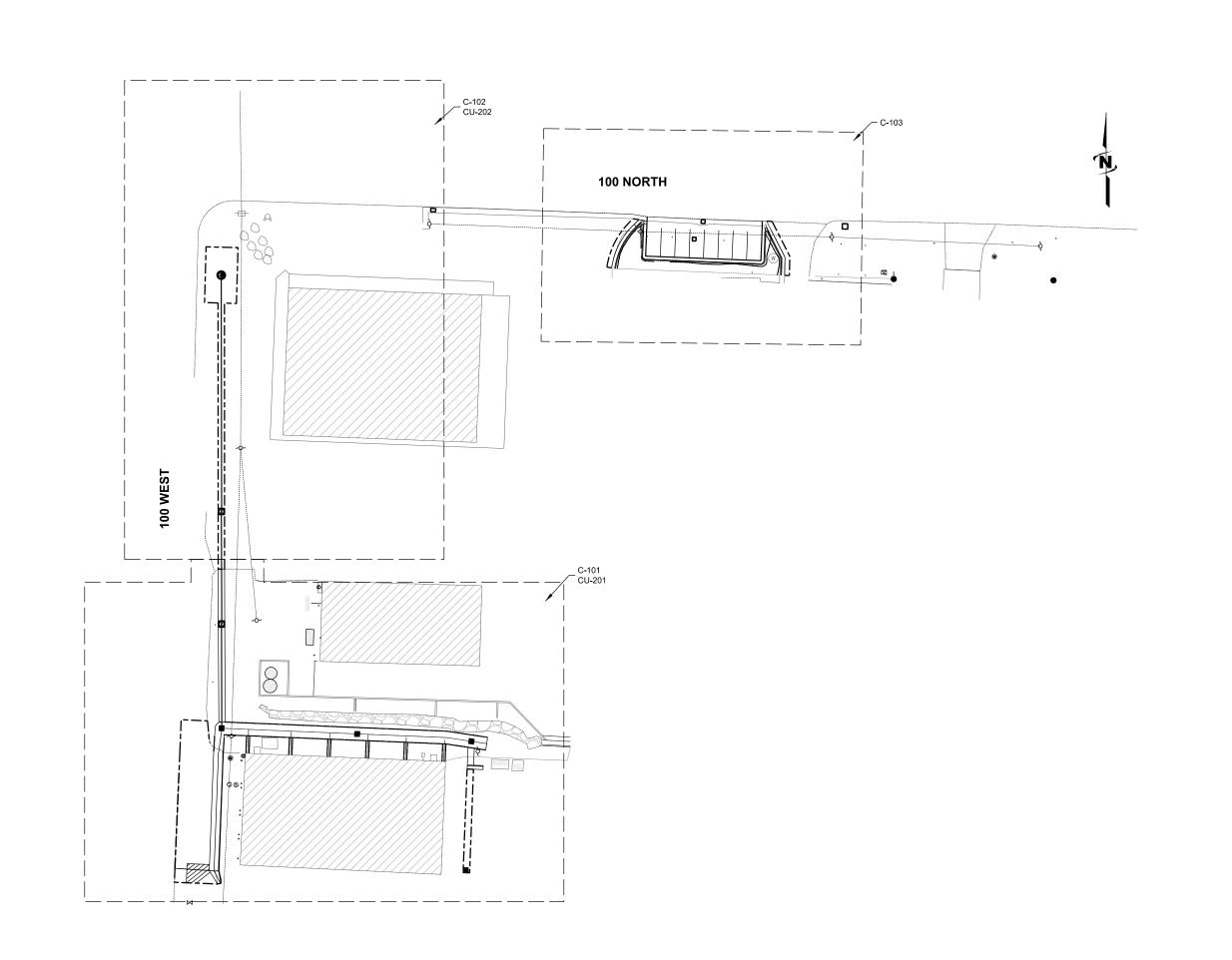
S	SLOPE
SPEC	SPECIFICATION
STA	STATION
STD	STANDARD
STL	STEEL
ST STL	STAINLESS STEEL
TBC	TOP BACK OF CURB
TYP	TYPICAL
TFC	TOP FACE OF CONCRETE
W/	WITH
W/O	WITHOUT
W/REQ'D	WHERE REQUIRED



BID SET



IT AND AE SHALL .NY IT'S U-B.	DATE					
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70258	<u> </u>					
FIRE STATION SWALE HYRUM CITY	STANDARD LEGEND					
JUB PROJ # 57-2	004_G-004.dgn 3-005					
DESIGN BY: JDD	) NB					
ONE	INCH -					
	ACCORDINGLY 5/1/2025					
SHEET NUMBER:						



J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 1047 South 100 West, Suite 180 Logan, UT 84321

BID SET



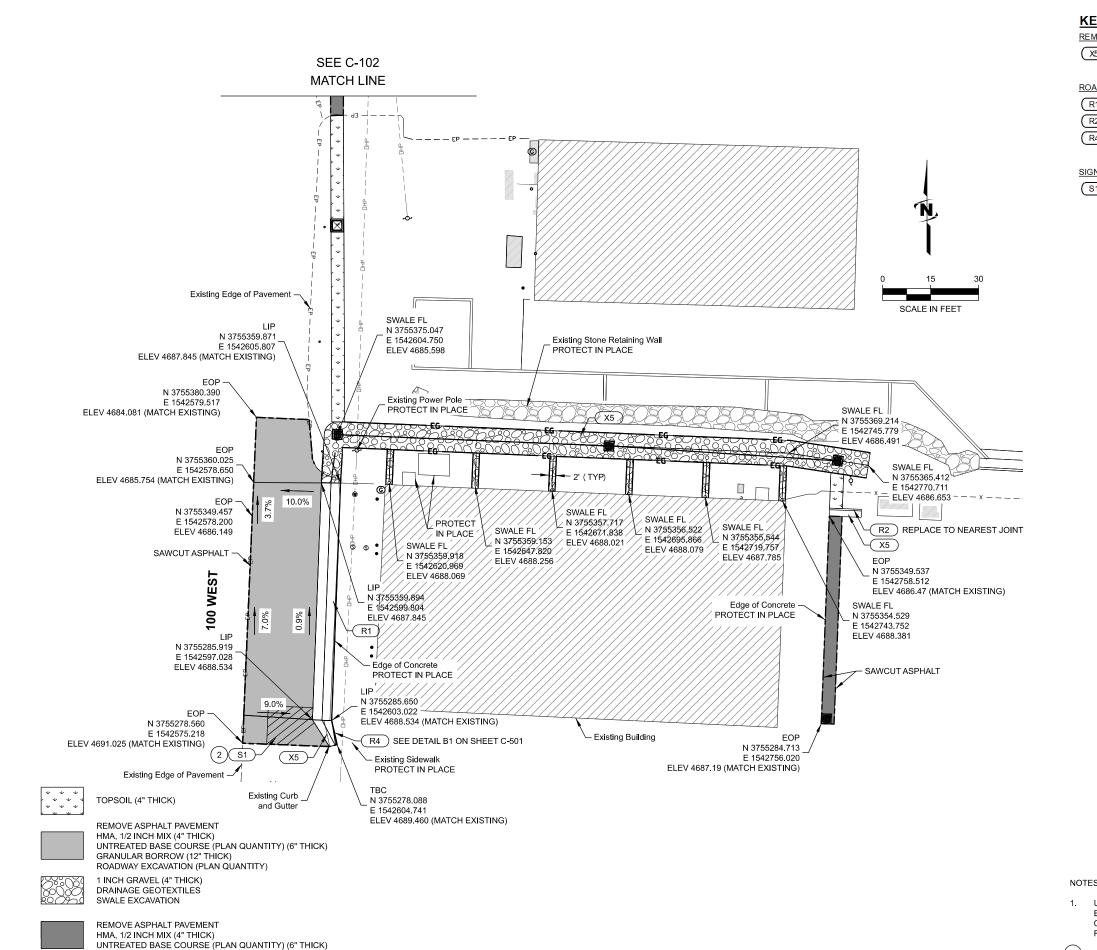
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	7, CO	I GNV	CONS	BE A	SUR				ВУ
KEUSE OF DRAWINGS	J-U-B SHALL RETAIN ALL COMMON LAW, STATUTORY, COPYRIGHT AND	OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL	NOT BE REUSED WITHOUT J.U.B'S PRIOR WRITTEN CONSENT, ANY	REUSE WITHOUT WRITTEN CONSENT BY J-U-B WILL BE AT CLIENT'S	SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO J.U.B.	REVISION			NO.   DESCRIPTION
						Г			

FIRE STATION SWALE HYRUM CITY CROSS REFERENCE

HECKED BY: JDB

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGL

SHEET NUMBER:



REMOVAL AND RELOCATION

(X5) REMOVE CONCRETE CURB AND GUTTER

### **ROADWAY**

R1 CONCRETE WATERWAY 6'-0"

(R2) CONCRETE CURB AND GUTTER

(R4) CONCRETE CURB AND GUTTER TRANSITION

S1 YELLOW PAVEMENT MARKING PAINT - 4 INCH

NOTES:

UTILITY LOCATIONS ARE UNKNOWN. THESE INCLUDE CULINARY WATER, SEWER, ELECTRICAL, COMMUNICATION, NATURAL GAS, AND PRESSURE IRRIGATION. COORDINATE WITH HYRUM CITY FOR APPROXIMATE LOCATIONS AND DEPTHS FOR SUBSURFACE UTILITIES AND USE CAUTION WHEN EXCAVATING.

J-U-B ENGINEERS, INC

J-U-B ENGINEERS, INC. 1047 South 100 West, Suite 180 Logan, UT 84321

**BID SET** 

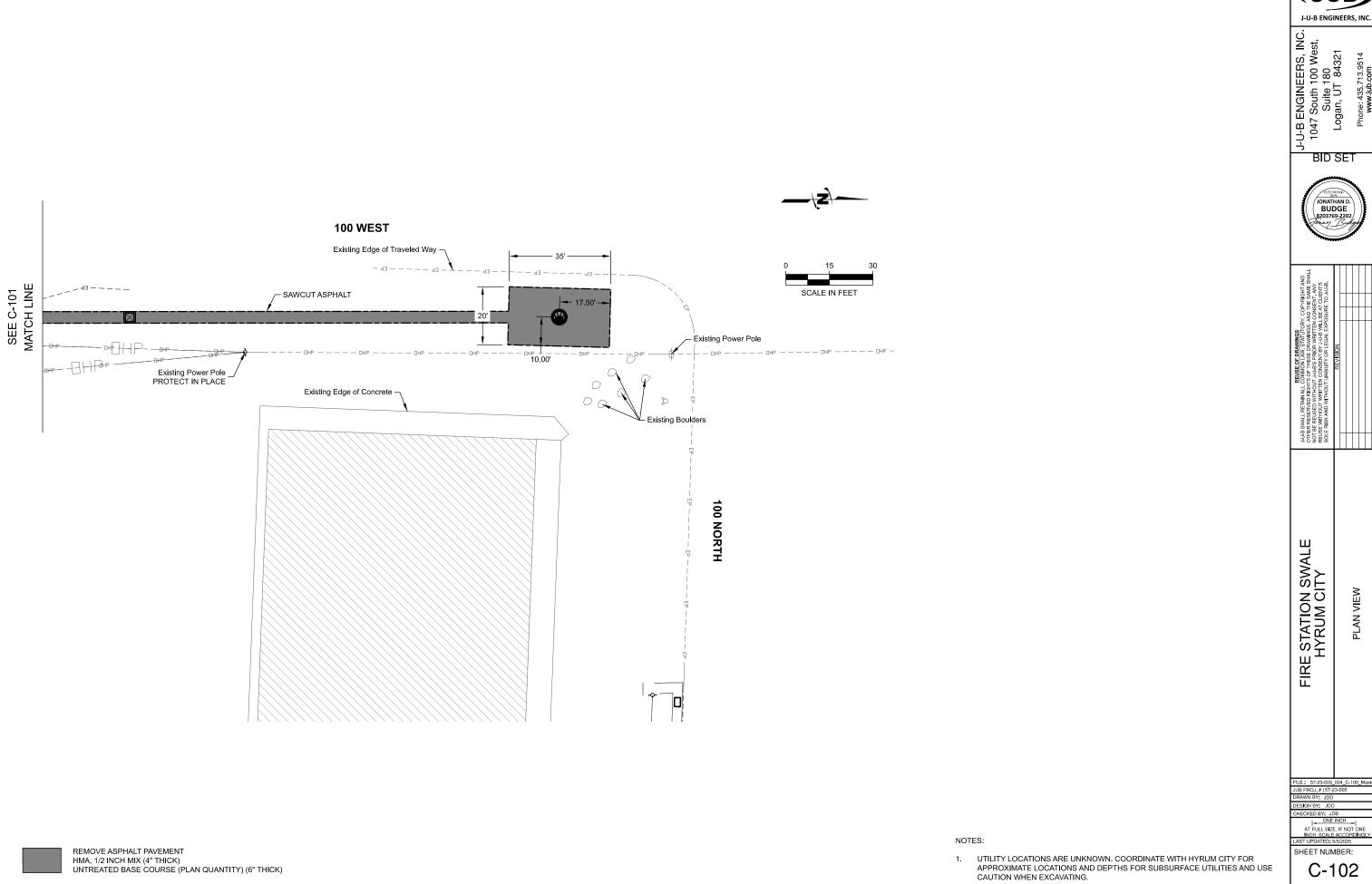


REUSE OF DRAWINGS  JULB SHALL RETAIN ALL COMONIOL NAY, STATTORK, COPYRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHA OTHER REUSE WITHOUT LULBS PROPA WRITER CONSENT, ANY REUSE WITHOUT WRITTEN CONSENT BY JU-HB WILL BE AT CLIENTS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO LULB.	REVISION				
FIRE STATION SWALE HYRUM CITY	.00	4_0	<del>0-1</del>	PI AN VIEW	ì
JUB PROJ. #: 57-2 DRAWN BY: JDD DESIGN BY: JDD CHECKED BY: JDD	) DB	011			
AT FULL SIZE	IN:	F N	IOT		NI VC

SHEET NUMBER:

C-101

(2.) MATCH EXISTING STRIPING LAYOUT



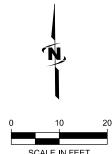
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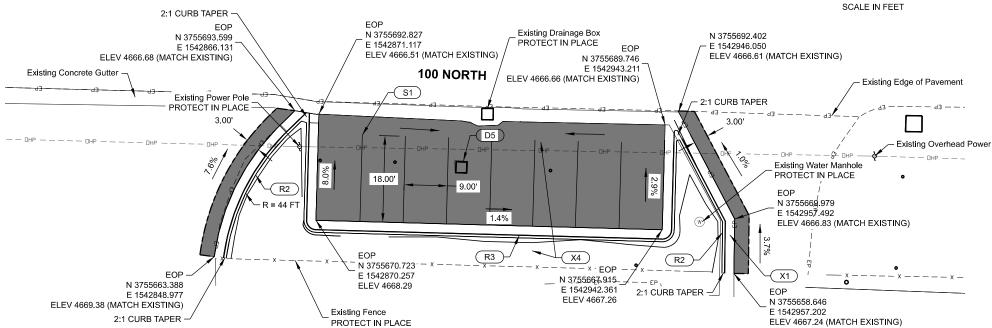
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INCH, SCALE ACCORDINGL

SHEET NUMBER:

C-102

PLAN VIEW





### REMOVAL AND RELOCATION

X1 REMOVE CONCRETE GUTTER

X4 STRIP, STOCKPILE, AND SPREAD ROCK MULCH WITH WEED BARRIER FABRIC

### <u>ROADWAY</u>

R2 CONCRETE CURB AND GUTTER

R3 MODIFIED CONCRETE CURB AND GUTTER

### <u>DRAINAGE</u>

D5 ADJUST DRAINAGE BOX TO GRADE

### <u>SIGNAGE</u>

S1 YELLOW PAVEMENT MARKING PAINT - 4 INCH

### NOTES:

UTILITY LOCATIONS ARE UNKNOWN. THESE INCLUDE CULINARY WATER, SEWER, ELECTRICAL, COMMUNICATION, NATURAL GAS, AND PRESSURE IRRIGATION. COORDINATE WITH HYRUM CITY FOR APPROXIMATE LOCATIONS AND DEPTHS FOR SUBSURFACE UTILITIES AND USE CAUTION WHEN EXCAVATING.



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AND AND CON TENT			L	
REUSE OF DRAWINGS  JULB SHALL RETAINALL COMMON LAW, STATUTORY, COPYRIGHT AND OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SMARE SHALL NOTE REUSED RIGHTS OF THESE DRAWINGS, AND THE SWELSEN STATUS OWSENT ANY REUSE WITHOUT WRITTEN CONSENT BY JULB WILL BEE, CLIENTYS SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JULB.	NOISINA			

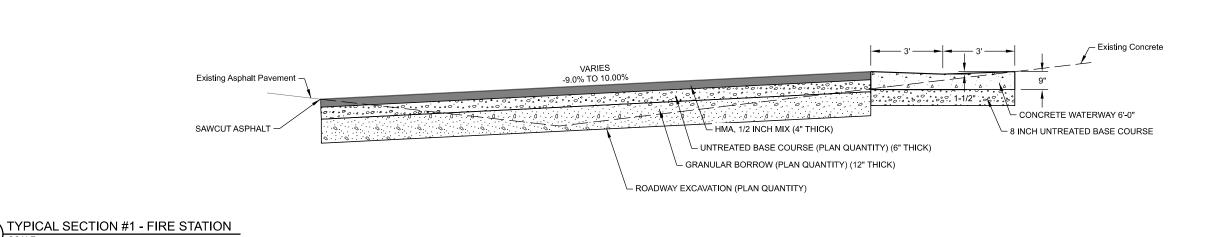
FIRE STATION SWALE HYRUM CITY

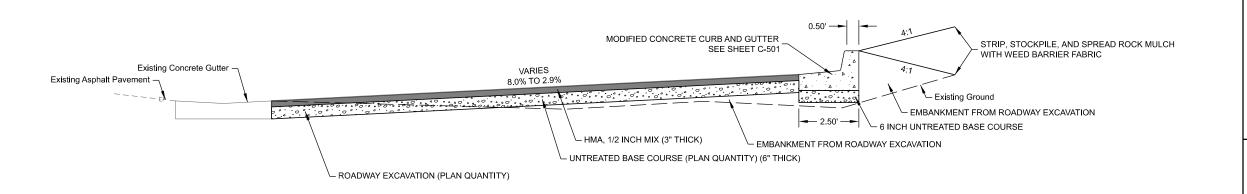
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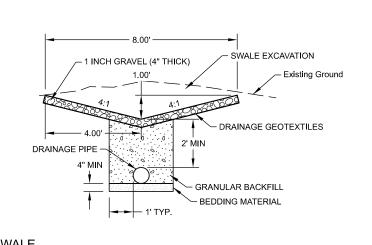
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C-103

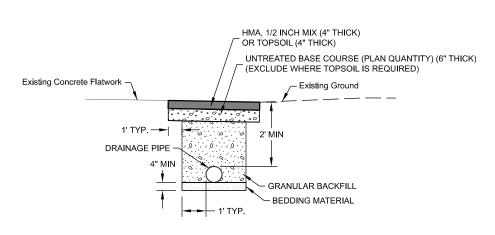




TYPICAL SECTION #2 - PUBLIC WORKS PARKING



TYPICAL SECTION #4 - DRAINAGE PIPE TRENCH



ONE INCH |

SHEET NUMBER:

C1

TYPICAL SECTION #3 - DRAINAGE SWALE

FIRE STATION SWALE HYRUM CITY

J-U-B ENGINEERS, INC.

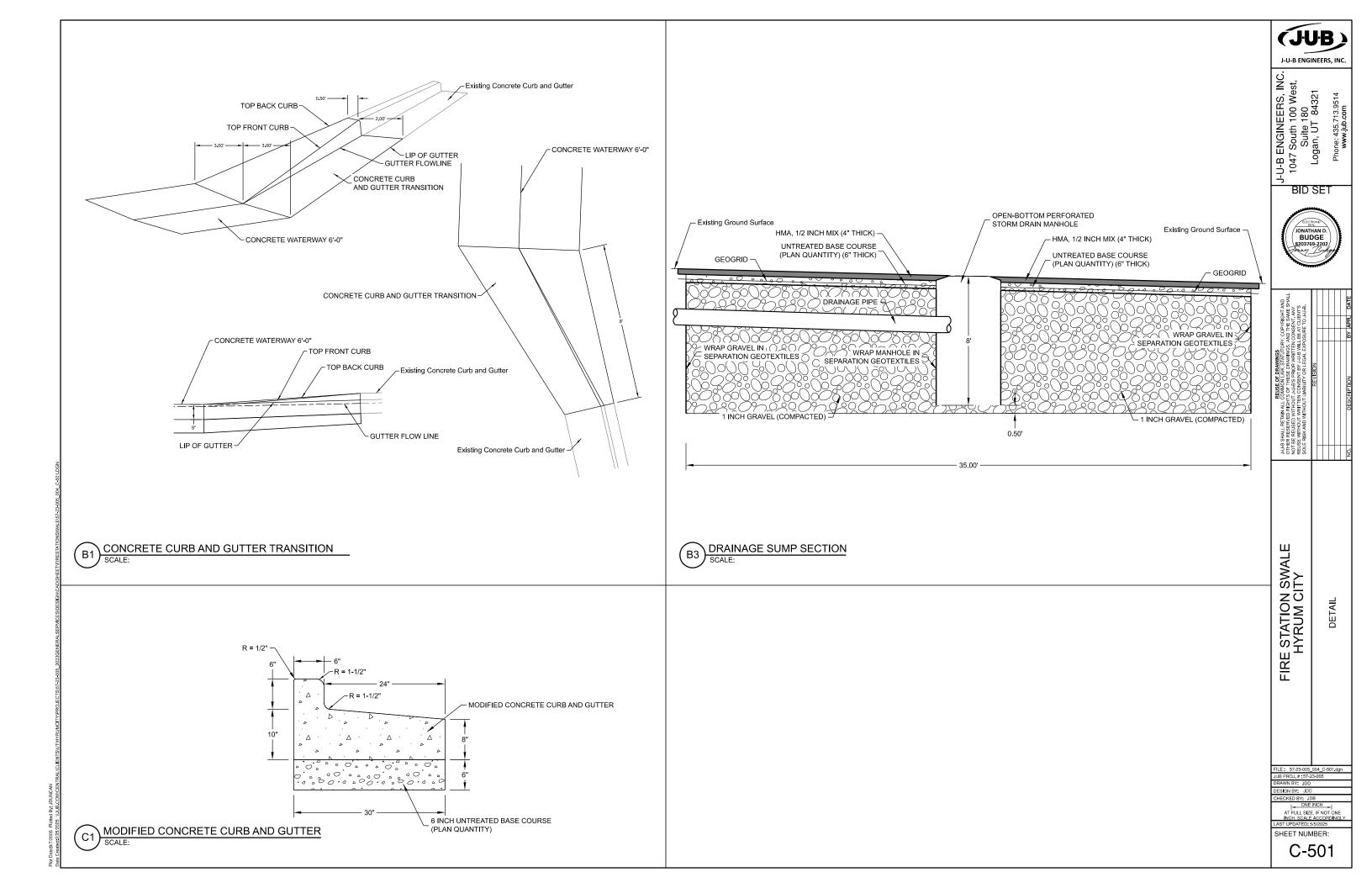
J-U-B ENGINEERS, INC. 1047 South 100 West, Suite 180 Logan, UT 84321

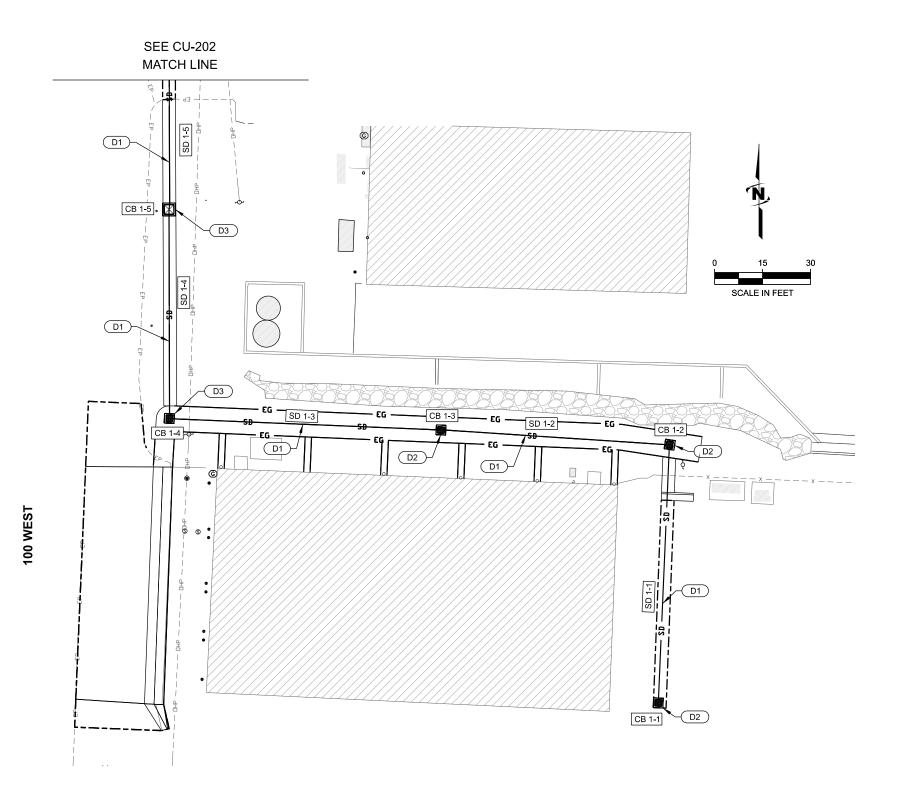
**BID SET** 

BUDGE 8203769-220

TYPICAL SECTION

C-401





D2 CATCH BASIN 2 FT X 2 FT

<u>DRAINAGE</u>

D1 12 INCH HDPE STORM PIPE

D3 CATCH BASIN 4 FT X 4 FT

BID SET

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REUSE OF DRAWINGS OTHER RESERVED RIGHTS OF THESE DRAWINGS AND THE SAME SHALL OTHER RELEGING WITHOUT JULGS PROBY WITHER OWNSENT, ANY REUSE WITHOUT JULGS PROBY WITHER OWNSENT, ANY SERIES WITHOUT WITHOUT SHALL SHALL SERVES WITHOUT WITHOUT SHALL SERVES WITHOUT SHALL SERVES WITHOUT WITHOUT LASS TO SELVE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JULGS.	REVISION			TION BY APR, DATE
J-U-B SHALL RETAIN ALL COTHER RESERVED RIGHT NOT BE REUSED WITHOUT REUSE WITHOUT REUSE WITHOUT SOLE RISK AND WITHOUT				NO. DESCRIPTION

FIRE STATION SWALE HYRUM CITY

UTILITY PLAN VIEW

CHECKED BY: JDB

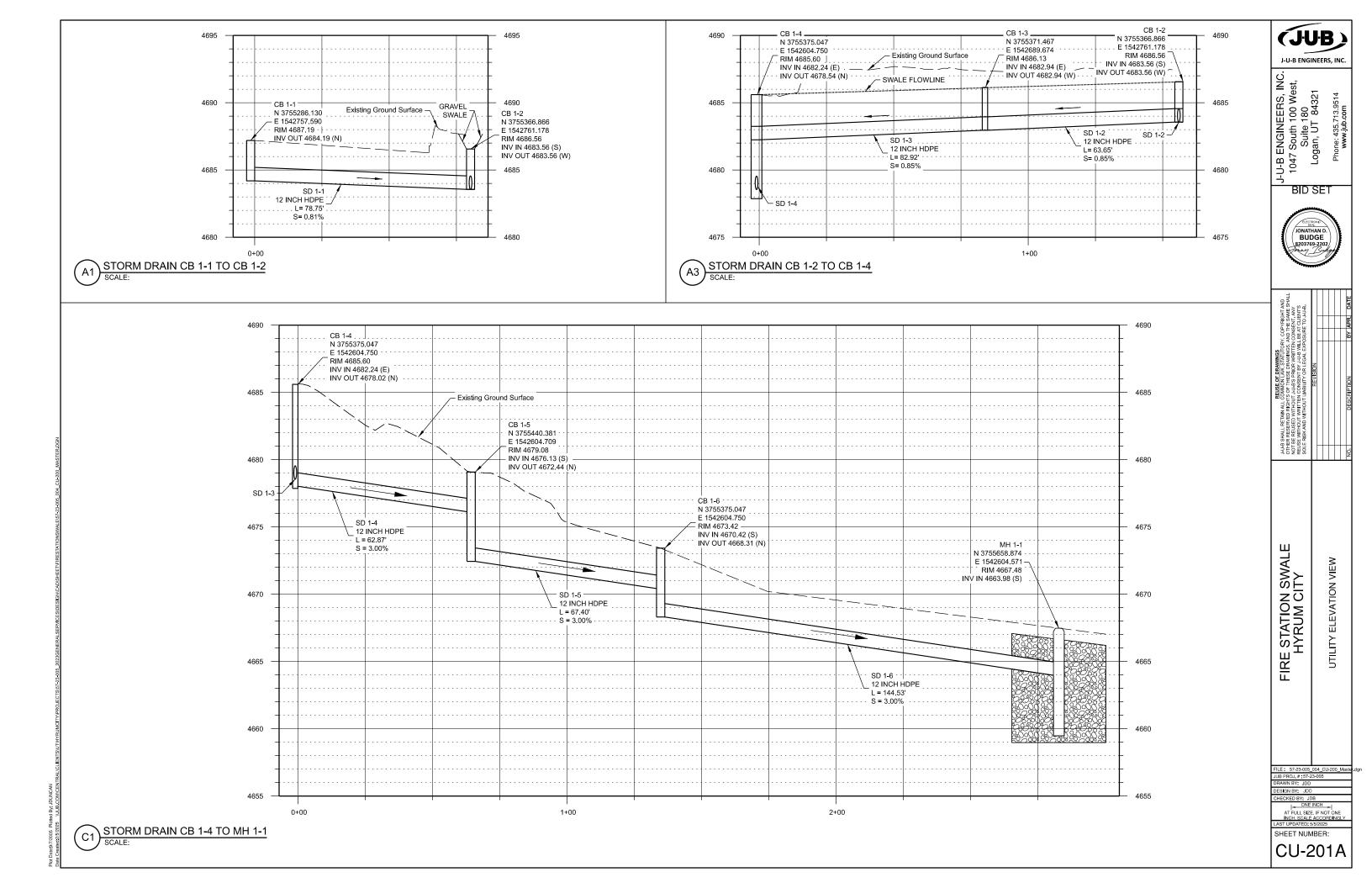
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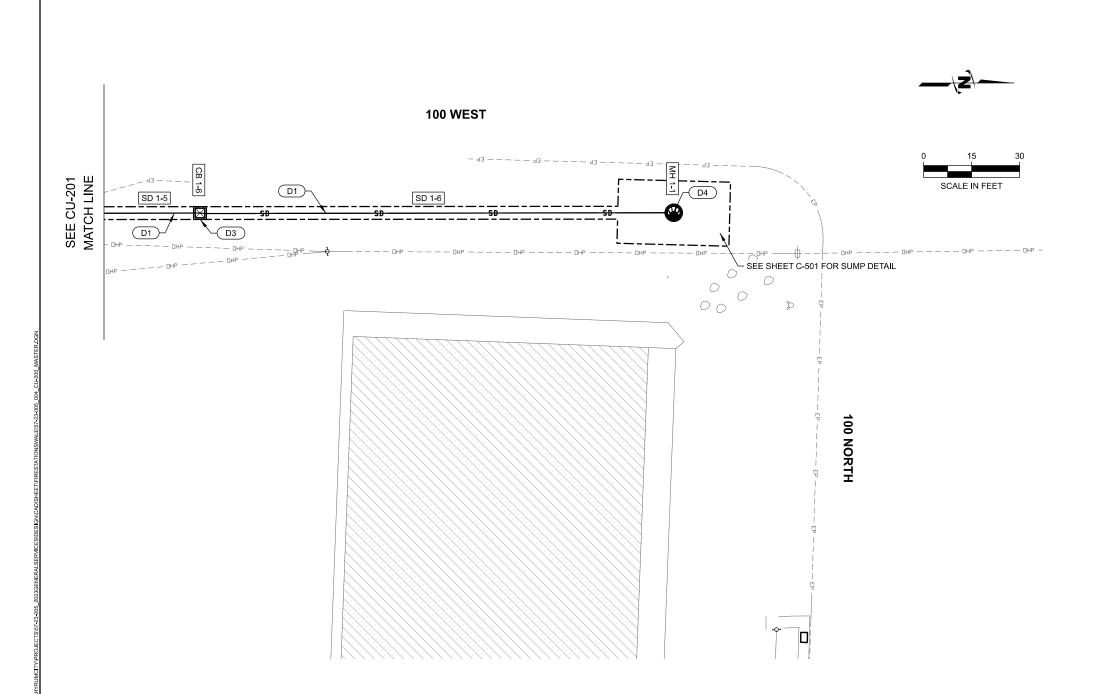
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CU-201

NOTES:

UTILITY LOCATIONS ARE UNKNOWN. COORDINATE WITH HYRUM CITY FOR APPROXIMATE LOCATIONS AND DEPTHS FOR SUBSURFACE UTILITIES AND USE CAUTION WHEN EXCAVATING.





<u>DRAINAGE</u>

(D1) 12 INCH HDPE STORM PIPE

D3 CATCH BASIN 4 FT X 4 FT

D4 OPEN-BOTTOM PERFORATED STORM DRAIN MANHOLE

UTILITY LOCATIONS ARE UNKNOWN. COORDINATE WITH HYRUM CITY FOR APPROXIMATE LOCATIONS AND DEPTHS FOR SUBSURFACE UTILITIES AND USE CAUTION WHEN EXCAVATING.

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC. 1047 South 100 West, Suite 180 Logan, UT 84321

BID SET



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REUSE OF DRAWINGS OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL OTHER RESERVED RIGHTS OF THESE DRAWINGS, AND THE SAME SHALL REUSE WITHOUT JULIS THE SHOW WRITTEN CONSENT, ANY REUSE WITHOUT WRITTEN ONSENT BY JULIS WILL BE IN CLIENT'S SOLE RISK AND WITHOUT LIABILITY OR LEGAL EXPOSURE TO JULIS.	REVISION			DESCRIPTION (
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FIRE STATION SWALE HYRUM CITY UTILITY PLAN VIEW

HECKED BY: JDB

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGL

SHEET NUMBER:

CU-202