

WEBER COUNTY, UTAH

SOUTH FORK OGDEN RIVER

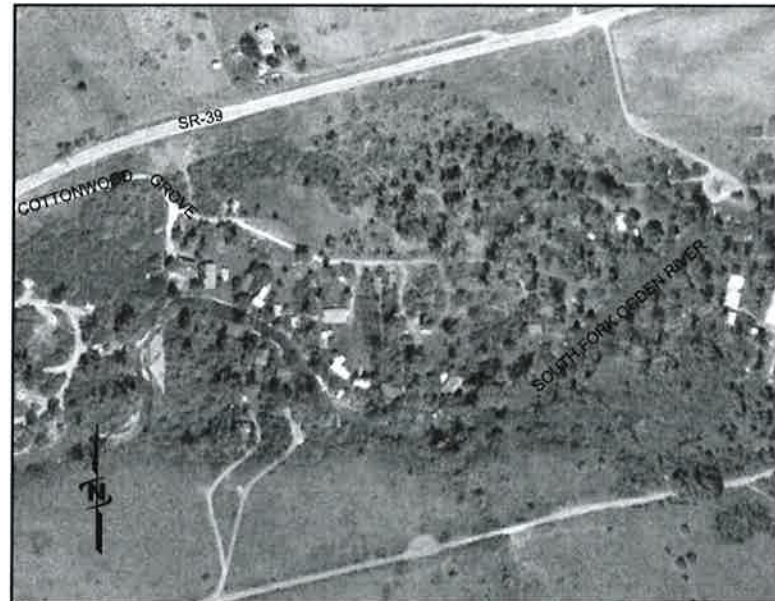
BANK PROTECTION

DECEMBER 2013

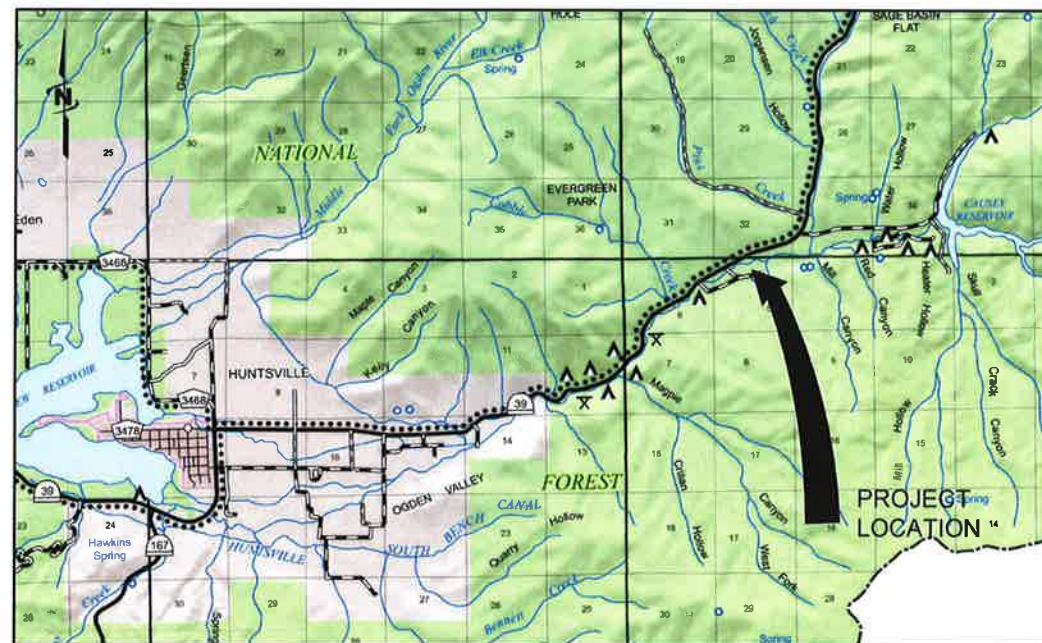
BID SET

PROJECT NO. 2012-01

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AREA MAP



VICINITY MAP



J-U-B ENGINEERS, INC.

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OTHER J-U-B COMPANIES



J-U-B PROJECT NO. 55-12-050



TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, JUDGEMENT, AND BELIEF, THESE PLANS MEET APPLICABLE NRCS STANDARDS.

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LAST UPDATED: 11/6/2013

SHEET NUMBER:

G-001

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DUST ABATEMENT AND ANY LIABILITY ISSUES RELATED TO DUST AT ANY LOCATION WHICH MAY BE CAUSED BY THIS PROJECT.
2. 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).
3. 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. THIS INCLUDES THE USE OF FLAGGERS ON UDOT SR-39.
4. ALL WORK SHALL MEET CURRENT OSHA REQUIREMENTS.
5. WHERE WORK IS PERFORMED IN 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.
8. 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.
9. 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. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL LOCAL, STATE, AND FEDERAL PERMITS REQUIRED FOR STORM WATER POLLUTION PREVENTION AS A RESULT OF CONSTRUCTION ACTIVITIES. WHEN CALLED FOR IN THE CONTRACT DOCUMENTS, CONTRACTOR SHALL PREPARE A STORM WATER POLLUTION PREVENTION PLAN FOR APPROVAL BY THE ENGINEER AND FOR SUBMITTAL TO LOCAL AUTHORITIES FOR REVIEW AND APPROVAL. IF THE CONSTRUCTION WILL DISTURB MORE THAN ONE ACRE, CONTRACTOR SHALL FILE A "NOTICE OF INTENT" FOR PERMIT COVERAGE UNDER THE STATE'S UPDES STORM WATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITIES (UTR300000) AND PAY ALL ASSOCIATED FEES. THE NOI MAY BE FILED ELECTRONICALLY AT THE FOLLOWING WEBSITE: <http://www.waterquality.utah.gov/UPDES/stormwatercon.htm> AND FOLLOWING THE DIRECTIONS GIVEN UNDER THE HEADING "ONLINE APPLICATION PROCESS AND SEARCH FOR EXISTING PERMITS". THE CGP DOES NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH OTHER REGULATIONS OR CONTRACT REQUIREMENTS REGARDING STORM WATER 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 COUNTY'S PROPERTY, EASEMENTS, AND APPROVED STAGING AREAS.
12. CONTRACTOR TO PROVIDE, CONSTRUCT, MAINTAIN AND REMOVE A TEMPORARY FENCE AROUND THE CONSTRUCTION SITE USED TO PROTECT NEIGHBORING PROPERTIES FROM DAMAGE. CONTRACTOR IS ALSO RESPONSIBLE TO PROTECTION TO SAFEGUARD WORK SITE. PAY ITEM TO BE INCLUDED IN MOBILIZATION.
13. THE ENGINEER WILL PROVIDE VERTICAL AND HORIZONTAL CONTROLS ONE TIME ON THE PROJECT SITE. ANY ADDITIONAL CONSTRUCTION STAKING REQUIRED TO COMPLETE THE PROJECT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
14. CONTRACTOR SHALL LOCATE AND PROTECT ALL EXISTING UTILITIES AND BE RESPONSIBLE FOR DAMAGES TO EXISTING UTILITIES AND EXISTING IMPROVEMENTS AS A RESULT OF THE CONTRACTOR'S CONSTRUCTION ACTIVITIES.
15. CONTRACTOR SHALL PRESERVE EXISTING CITY, COUNTY, STATE, AND FEDERAL LAND MONUMENTS WHENEVER POSSIBLE. IF A MONUMENT MUST BE MOVED, CONTRACTOR SHALL CONTACT ENGINEER 2 WEEKS PRIOR TO REMOVAL TO ARRANGE FOR RELOCATION.
16. BEFORE BEGINNING WORK, CONTRACTOR SHALL CONFIRM EASEMENTS (PERMANENT, TEMPORARY, AND/OR ACCESS) HAVE BEEN OBTAINED BY THE COUNTY.
17. WHERE ACCESS EASEMENT IS GRANTED, COORDINATE WITH PROPERTY OWNER FOR LOCATION OF ACCESS ROAD.

EXISTING UTILITIES

1. APPROXIMATE LOCATIONS OF UTILITIES ARE SHOWN ON THE PLANS. THEY ARE TO BE USED FOR GENERAL INFORMATION ONLY. 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.
2. 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 DEPTHS, ELEVATIONS, ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY.
4. CONTRACTOR SHALL BE AWARE THAT OVERHEAD POWER AND TELEPHONE LINES EXIST WITHIN THE PROJECT WORK AREA. CONTRACTOR SHALL INSURE THAT ALL EQUIPMENT MAINTAINS A MINIMUM SAFE CLEARANCE FROM ALL ENERGIZED POWER LINES

INSPECTION AND TESTING

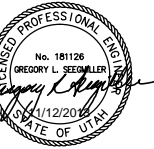
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MATERIALS TESTING INCLUDING BUT NOT LIMITED TO CONCRETE AND COMPACTION. ALL TESTS SHALL MEET MINIMUM SPECIFIED REQUIREMENTS. SEE THE CONTRACT DOCUMENTS AND DRAWINGS FOR FREQUENCY OF TESTING. RESULTS ARE TO BE DELIVERED TO SPECIAL INSPECTOR, OWNER AND ENGINEER.
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 POOR WORKMANSHIP.

CONTACT PHONE NUMBERS

ENGINEER			
GREG SEEGMILLER	801-499-9977	m	PROJECT MANAGER
J-U-B OFFICE	801-547-0393	o	PROJECT OFFICE
WEBER COUNTY			
JARED ANDERSEN	801-399-8374		COUNTY ENGINEER
DANA SHULER	801-399-8761		COUNTY ENGINEER



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NO.	REVISION	DATE

SOUTH FORK OGDEN RIVER GABION REPLACEMENT
 WEBER COUNTY
 CIVIL NOTES & VICINITY MAP

FILE: 55-12-050 G-002
 JUB PROJ. #: 55-12-050
 DRAWN BY: BJM
 DESIGN BY: BJM
 CHECKED BY: DQS

ONE INCH
 AT FULL SIZE, IF NOT ONE
 INCH, SCALE ACCORDINGLY
 LAST UPDATED: 11/12/2019
 SHEET NUMBER:
G-002



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



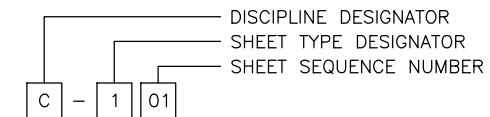
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NO.	REVISION	DESCRIPTION	BY	DATE

SOUTH FORK OGDEN RIVER GABION REPLACEMENT
 WEBER COUNTY
 GENERAL LEGEND, SYMBOLS & PLAN KEY

SHEET NUMBERING

SAMPLE: C-101



LINE LEGEND

LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
POWER / COMMUNICATIONS		
OVERHEAD POWER	— OHP —	— OHP —
UNDERGROUND POWER	— UP —	— UP —
OVERHEAD TELEPHONE	— OHT —	— OHT —
UNDERGROUND TELEPHONE	— UT —	— UT —
FIBER OPTIC	— F/O —	— F/O —
CABLE TELEVISION	— CTV —	— CTV —
UNDERGROUND POWER, TEL, CABLE TV	— P,T,CTV —	— P,T,CTV —
UNDERGROUND POWER, TEL, CABLE TV, GAS	— P,T,CTV,G —	— P,T,CTV,G —
STORM DRAIN		
STORM DRAIN (GENERAL)	— SD —	— SD —
STORM DRAIN	— X*SD —	— X*SD —
ROOF DRAIN	— RD —	— RD —
SANITARY SEWER		
SANITARY SEWER (GENERAL)	— SS —	— SS —
SANITARY SEWER	— X*SS —	— X*SS —
SANITARY SEWER SERVICE	— SS — SS —	— SS — SS —
SEWER FORCE MAIN	— FM —	— FM —
WATER		
WATER (GENERAL)	— W —	— W —
WATER (SPECIFIED SIZE)	— X*W —	— X*W —
WATER SERVICE	— WS — WS —	— WS — WS —
IRRIGATION		
IRRIGATION	— IRR —	— IRR —
GRAVITY IRRIGATION	— GIRR —	— GIRR —
PRESSURE IRRIGATION	— PIRR —	— PIRR —
POTABLE WATER	— PW —	— PW —
NON-POTABLE WATER	— NPW —	— NPW —
GAS		
NATURAL GAS	— G —	— G —
NATURAL GAS SERVICE	— G — G —	— G — G —
HIGH PRESSURE GAS	— HPG —	— HPG —
LIQUID GAS	— LG —	— LG —
UTILITY		
CHLORINE LINE	— CHL —	— CHL —
INDUSTRIAL WASTE WATER	— IWV —	— IWV —
DRAIN LINE	— DL —	— DL —

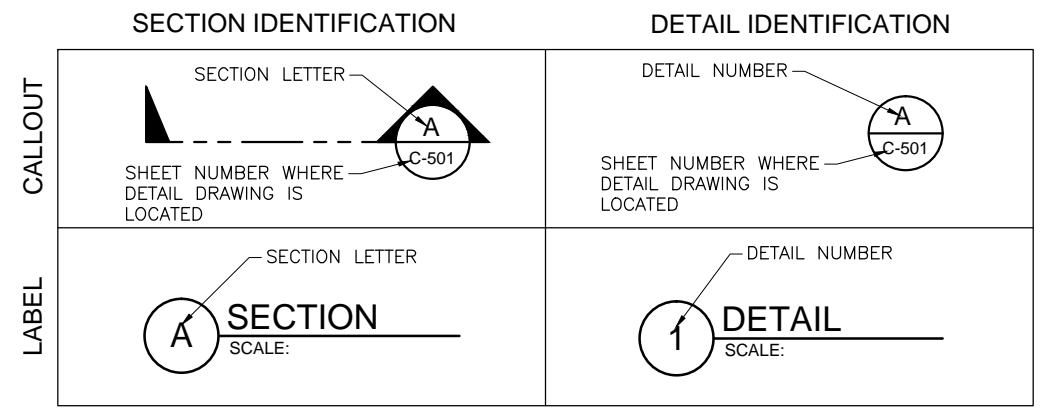
LINE DESCRIPTION	PROPOSED LINE	EXISTING LINE
BOUNDARY		
PROPERTY LINE	— P/L —	— P/L —
PROPERTY LINE	— — — — —	— — — — —
RIGHT OF WAY	— R/W —	— R/W —
TEMPORARY EASEMENT	— T/E —	— T/E —
PERMANENT EASEMENT	— P/E —	— P/E —
TOWNSHIP AND RANGE	— — — — —	— — — — —
SECTION LINE	— — — — —	— — — — —
QUARTER SECTION LINE	— — — — —	— — — — —
1/16 SECTION LINE	— — — — —	— — — — —
STATE LINE	— — — — —	— — — — —
COUNTY LINE	— — — — —	— — — — —
SITE		
FENCE	— X —	— X —
MAJOR CONTOUR	— 2521 —	— — — — —
MINOR CONTOUR	— — — — —	— — — — —
GRADE BREAK	— — — — —	— GB —
TOP OF BANK	— — — — —	— TOB —
TOE OF SLOPE	— — — — —	— TOE —
CUT LIMITS	— — — — —	— — — — —
FILL LIMITS	— — — — —	— — — — —
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 —
TOP BACK OF CURB	— — — — —	— — — — —
LIP OF GUTTER	— — — — —	— — — — —
LANDSCAPING LIMITS	— LS —	— LS —

DISCIPLINE DESIGNATORS		
DISCIPLINE	DESIGNATOR	DESCRIPTION
GENERAL	G	ALL GENERAL
	GI	GENERAL INFORMATION
	GC	GENERAL CONTRACTUAL
	GR	GENERAL RESOURCE
SURVEY/MAPPING	V	ALL SURVEY
GEOTECHNICAL	B	ALL GEOTECHNICAL
CIVIL	C	ALL CIVIL
LANDSCAPE	L	ALL LANDSCAPE
STRUCTURAL	S	ALL STRUCTURAL
ARCHITECTURAL	A	ALL ARCHITECTURE
EQUIPMENT	Q	ALL EQUIPMENT
MECHANICAL	M	ALL MECHANICAL
ELECTRICAL	E	ALL ELECTRICAL
PLUMBING	P	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

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.



Plot Date: 1/11/2013 11:44 AM Plotted By: Shanna McFarland
 Date Created: 11/15/2012 10:02:15 AM Project: 15JUBWEBER COUNTY 955-12-050 WEBER CO. UPPER VALLEY EWP PROJECT CAD SHEET 05-12-050 G-004.DWG

SURVEY		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
CAP (ALUMINUM)	V-SURV_CAP_ALUM	
CAP (BRASS)	V-SURV_CAP_BRASS	
CHISELED X	V-SURV_CHISELED_X	
CTRL PT GENERIC	V-SURV_CTRL	
CTRL PT 1/2" REBAR	V-SURV_CTRL_1_2	
CTRL PT 5/8" REBAR	V-SURV_CTRL_5_8	
CTRL PT 60D NAIL	V-SURV_CTRL_60D	
CTRL PT HUB & TACK	V-SURV_CTRL_HT	
CTRL PT PK NAIL	V-SURV_CTRL_PK	
CTRL PT TEMPORARY BENCH MARK	V-SURV_CTRL_TBM	
NAIL	V-SURV_NAIL	C-SURV_NAIL
NAIL AND TAG	V-SURV_NAIL_TAG	
NAIL (PK)	V-SURV_NAIL_PK	
BOLT	V-SURV_BOLT	
DRILL STEEL	V-SURV_DRILL_STL	
REBAR (1/2")	V-SURV_RB_1_2	C-SURV_RB_1_2
REBAR (5/8")	V-SURV_RB_5_8	C-SURV_RB_5_8
STAINLESS STEEL ROD	V-SURV_SS_ROD	
IRON PIPE	V-SURV_IRON_PIPE	
RAILROAD SPIKE	V-SURV_RR_SPIKE	
R/W MONUMENT	V-SURV_ROW	
SECTION CORNER MON.	V-SURV_SCTN_CNR	
SECTION QUARTER MON.	V-SURV_SCTN_QTRCNR	
STONE	V-SURV_STONE	

SITE		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
BOLLARD	V-SITE_BOLLARD	C-SITE_BOLLARD
BOULDER	V-SITE_BOULDER	C-SITE_BOULDER
DRINKING FOUNTAIN	V-SITE_D_FOUNTAIN	C-SITE_D_FOUNTAIN
FLAGPOLE	V-SITE_FLAGPOLE	C-SITE_FLAGPOLE
GATE	V-SITE_GATE	C-SITE_GATE
MAIL BOX	V-SITE_MAILBOX	C-SITE_MAILBOX
PARKING METER	V-SITE_PARKINGMETR	C-SITE_PARKINGMETR
POST	V-SITE_POST	C-SITE_POST
SIGN	V-SITE_SIGN	C-SITE_SIGN
SPOT ELEVATION	V-SITE_SPOT	C-SITE_SPOT
TREE (SHRUB)	V-SITE_SHRUB	
TREE (STUMP)	V-SITE_TREE_STUMP	
TREE (CONIFEROUS)	V-SITE_TREE_CNFR	
TREE (DECIDUOUS)	V-SITE_TREE_DCDS	
TEST HOLE	V-SITE_TEST_HOLE	C-SITE_TEST_HOLE
WELL	V-SITE_WELL	C-SITE_WELL
WELL (MONITORING)	V-SITE_WELL_MON	C-SITE_WELL_MON

COMMUNICATION		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
TELE. MANHOLE	V-COMM_MHOL	C-UTIL_MHOL
TELE. PEDESTAL	V-COMM_PED	C-COMM_PED
TELE. POLE	V-COMM_POLE	C-COMM_POLE
TV PEDESTAL	V-COMM_CATV_PED	C-COMM_CATV_PED
GUY WIRE	V-ELEC_GYWR	C-ELEC_GYWR

UTILITIES		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
MANHOLE (GENERIC)	V-UTIL_MHOL	C-UTIL_MHOL
PRESSURE CLEAN OUT AT GRADE	V-UTIL_PCOG	C-UTIL_PCOG
THRUST BLOCK	V-UTIL_THBLK	C-UTIL_THBLK
VALVE (GENERIC)	V-UTIL_VALV	C-UTIL_VALV
VAULT	V-UTIL_VAULT	C-UTIL_VAULT
UTILITY POLE	V-UTIL_POLE	C-UTIL_POLE
VERTICAL PIPE	V-UTIL_VERT_PIPE	C-UTIL_VERT_PIPE

DOMESTIC WATER		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
FIRE HYDRANT	V-DOMW_FHYD	C-DOMW_FHYD
SPIGOT	V-DOMW_SPIGOT	C-DOMW_SPIGOT
YARD HYDRANT	V-DOMW_YHYD	C-DOMW_YHYD
WATER MANHOLE	V-DOMW_MHOL	C-UTIL_MHOL
WATER METER	V-DOMW_METR	C-DOMW_METR
WATER VALVE	V-DOMW_VALV	C-DOMW_VALV

IRRIGATION		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
IRRIGATION VALVE	V-IRRG_VALV	C-IRRG_VALV
IRRIGATION VALVE BOX	V-IRRG_BOX	C-IRRG_BOX
SLUICE GATE	V-IRRG_SLUICEGATE	C-IRRG_SLUICEGATE
SPRINKLER	V-IRRG_SPRNKLR	C-IRRG_SPRNKLR

SANITARY SEWER		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
CLEANOUT	V-SSWR_CO	C-SSWR_CO
SEWER STUB	V-SSWR_STUB	C-SSWR_STUB
SS MANHOLE	V-SSWR_MHOL	C-UTIL_MHOL

NATURAL GAS		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
GAS METER	V-NGAS_METR	C-NGAS_METR
GAS VALVE	V-NGAS_VALV	C-NGAS_VALV

STORM DRAIN		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
CATCH BASIN	V-STRM_CB	C-STRM_CB
DRY WELL	V-STRM_DRYWELL	C-STRM_DRYWELL
FLARE END	V-STRM_FLRND	C-STRM_FLRND
GREASE TRAP	V-STRM_SGTRAP	C-STRM_SGTRAP
SD MANHOLE	V-STRM_MHOL	C-UTIL_MHOL

ELECTRIC		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
ELEC. MANHOLE	V-ELEC_MHOL	C-UTIL_MHOL
ELEC. METER	V-ELEC_METR	C-ELEC_METR
ELEC. TRANS.	V-ELEC_TRNSFRMR	C-ELEC_TRNSFRMR
GUY WIRE	V-ELEC_GYWR	C-ELEC_GYWR
JUNCTION BOX	V-ELEC_JBOX	C-ELEC_JBOX
POWER POLE	V-ELEC_POLE	C-ELEC_POLE
POWER STUB	V-ELEC_STUB	C-ELEC_STUB
STREET LIGHT	V-ELEC_LIGHT	C-ELEC_LIGHT
STREET LIGHT W/ ARM	V-ELEC_LIGHT_ARM	C-ELEC_LIGHT_ARM
TRAFFIC SIGNAL POLE	V-ELEC_TRAF_SGNL	C-ELEC_TRAF_SGNL

FITTINGS		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
BEND (11.25°)	V-FTTG_BEND_11-25	C-FTTG_BEND_11-25
BEND (22.5°)	V-FTTG_BEND_22-5	C-FTTG_BEND_22-5
BEND (45°)	V-FTTG_BEND_45	C-FTTG_BEND_45
BEND (90°)	V-FTTG_BEND_90	C-FTTG_BEND_90
CAP	V-FTTG_CAP	C-FTTG_CAP
COUPLING	V-FTTG_COUPLING	C-FTTG_COUPLING
CROSS	V-FTTG_CROSS	C-FTTG_CROSS
REDUCER (CONCENTRIC)	V-FTTG_RDCR_CON	C-FTTG_RDCR_CON
REDUCER (ECCENTRIC)	V-FTTG_RDCR_ECC	C-FTTG_RDCR_ECC
TEE	V-FTTG_TEE	C-FTTG_TEE
TRUE UNION	V-FTTG_TRUNION	C-FTTG_TRUNION
WYE	V-FTTG-Y	C-FTTG-Y

TYPICAL DETAILS		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
OBJECT BREAK LINE		G-DETL_BRKLN
PIPE END	G-DETL_PIPE_END	
PIPE END FILL	G-DETL_PIPE_CNTR	

ROAD MARKINGS		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
ARROW LEFT	V-MRKG_ARRW_LT	C-MRKG_ARRW_LT
ARROW RIGHT	V-MRKG_ARRW_RT	C-MRKG_ARRW_RT
ARROW STRAIGHT	V-MRKG_ARRW_ST	C-MRKG_ARRW_ST
ARROW STRAIGHT/LEFT	V-MRKG_ARRW_STLTC-MRKG_ARRW_STLT	
ARROW STRAIGHT/RIGHT	V-MRKG_ARRW_STRTC-MRKG_ARRW_STRT	
BICYCLE ROUTE	V-MRKG_BIKE	C-MRKG_BIKE
CAR	V-MRKG_CAR	
HANDICAP SYMBOL	V-MRKG_HANDCAP	C-MRKG_HANDCAP

ROADWAY		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
INTERSTATE ROUTE	V-ROAD_INTER	
MAST ARM	V-ROAD_MSTARM	
PEDESTRIAN SIGNAL	V-ROAD_PEDSGN	
STATE ROUTE	V-ROAD_STATE	
TRAFFIC LIGHT	V-ROAD_TRLIGHT	
TYPE 2 BARRICADE	V-ROAD_BAR2	
US ROUTE	V-ROAD_US	
TRAFFIC ATTENUATOR	V-ROAD_ATTENUATOR	
JERSEY BARRIER	V-ROAD_BARR_CONG	

TYPICAL DETAILS (CONT.)		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
WATER SURFACE	V-WATR_SURF	C-WATR_SURF

VALVES		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
AIR VALVE	V-VALV_AIR	C-VALV_AIR
BLOW OFF	V-VALV_AIR_BLOW	C-VALV_AIR_BLOW
COMBO VALVE	V-VALV_AIR_COMB	C-VALV_AIR_COMB
BALL VALVE (N.C.)	V-VALV_BALL_NC	C-VALV_BALL_NC
BALL VALVE (N.O.)	V-VALV_BALL_NO	C-VALV_BALL_NO
BUTTERFLY VALVE	V-VALV_BUTTERFLY	C-VALV_BUTTERFLY
CHECK VALVE	V-VALV_CHECK	C-VALV_CHECK
CHECK VALVE (FLANGE)	V-VALV_CHECK_FLG	C-VALV_CHECK_FLG
CHECK VALVE (MJ)	V-VALV_CHECK_MJ	C-VALV_CHECK_MJ
GATE VALVE	V-VALV_GATE	C-VALV_GATE
PLUG VALVE (N.C.)	V-VALV_PLUG_NC	C-VALV_PLUG_NC
PLUG VALVE (N.O.)	V-VALV_PLUG_NO	C-VALV_PLUG_NO

VALVES		
SYMBOL DESCRIPTION	EXISTING SYMBOL & BLOCK NAME	PROPOSED SYMBOL & BLOCK NAME
WATER SURFACE	V-WATR_SURF	C-WATR_SURF

JUB

J-U-B ENGINEERS, INC.

J-U-B ENGINEERS, INC.
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Kaysville, Utah 84037

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Fax: 801.547.0397
www.jub.com

REGISTERED PROFESSIONAL ENGINEER

No. 181126
GREGORY L. SEEGALLER
1/12/2013
STATE OF UTAH

REVISION	DESCRIPTION	DATE

SOUTH FORK OGDEN RIVER GABION REPLACEMENT
WEBER COUNTY

GENERAL LEGEND & SYMBOLS

FILE: 55-12-050 G-004
 JUB PROJ. #: 55-12-050
 DRAWN BY: BJM
 DESIGN BY: BJM
 CHECKED BY: DQS

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

LAST UPDATED: 11/16/2013

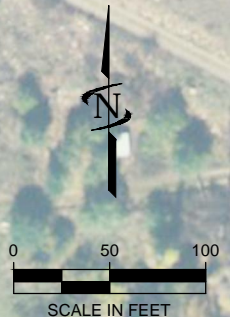
SHEET NUMBER:
G-004

Plot Date: 1/11/2013 11:51 AM Plotted By: Shanna McFalland
 Date Created: 1/16/2013 3:01:00 PM Project: 55-12-050 WEBER CO - UPPER VALLEY EWP PROJECT CAD SHEET 05-12-050 C-101 SANS BERM.DWG



NOTE:
 PROPERTY LINES AND EASEMENTS SHOWN ARE APPROXIMATE,
 BASED ON RECORDS OF SURVEY AS RECORDED WITH WEBER
 COUNTY.

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NO.	REVISION	DESCRIPTION	BY	APPR.	DATE

**SOUTH FORK OGDEN RIVER GABION REPLACEMENT
 WEBER COUNTY**
 OVERALL PLAN VIEW

FILE: 55-12-050 C-101 SANS BERM
 JUB PROJ. #: 55-12-050
 DRAWN BY: BJM
 DESIGN BY: BJM
 CHECKED BY: DQS
 AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY
 LAST UPDATED: 1/16/2013
 SHEET NUMBER:
C-101



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WEBER COUNTY**

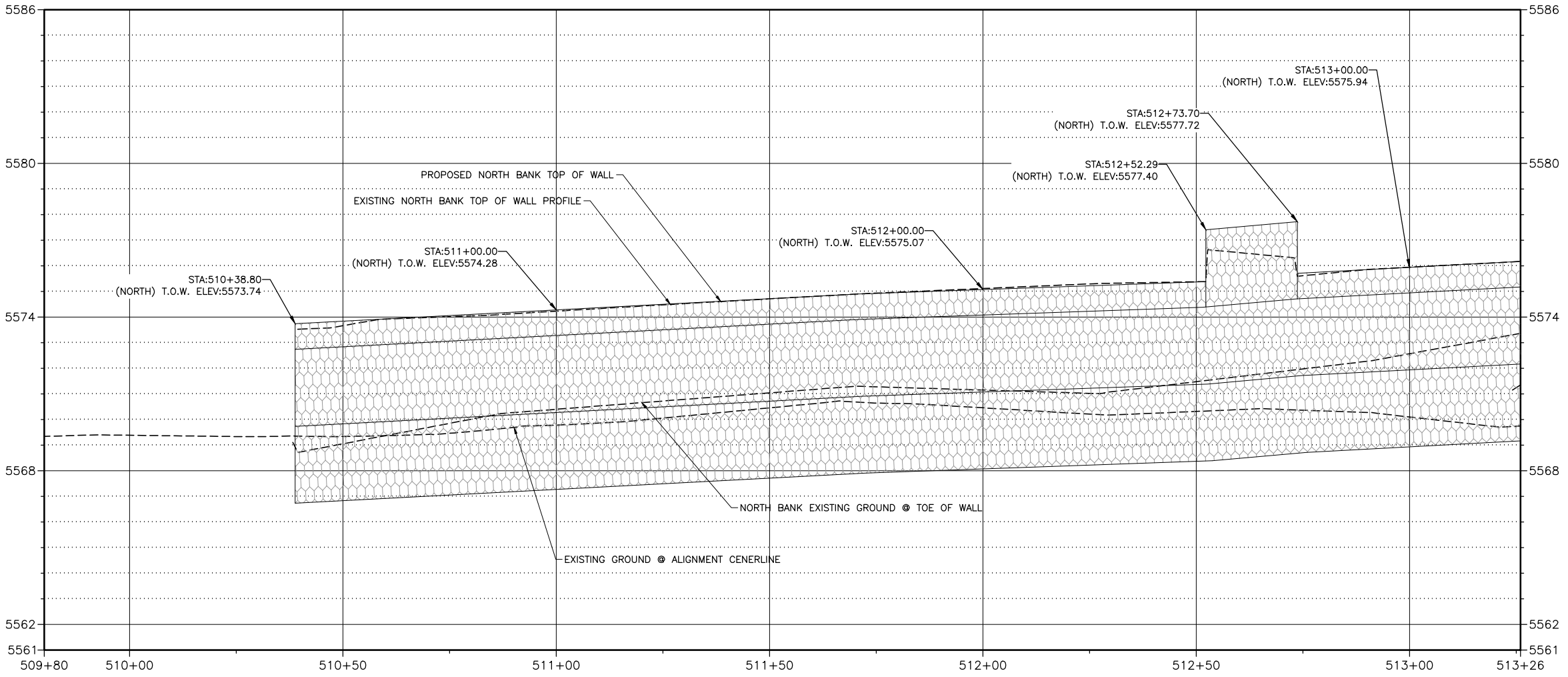
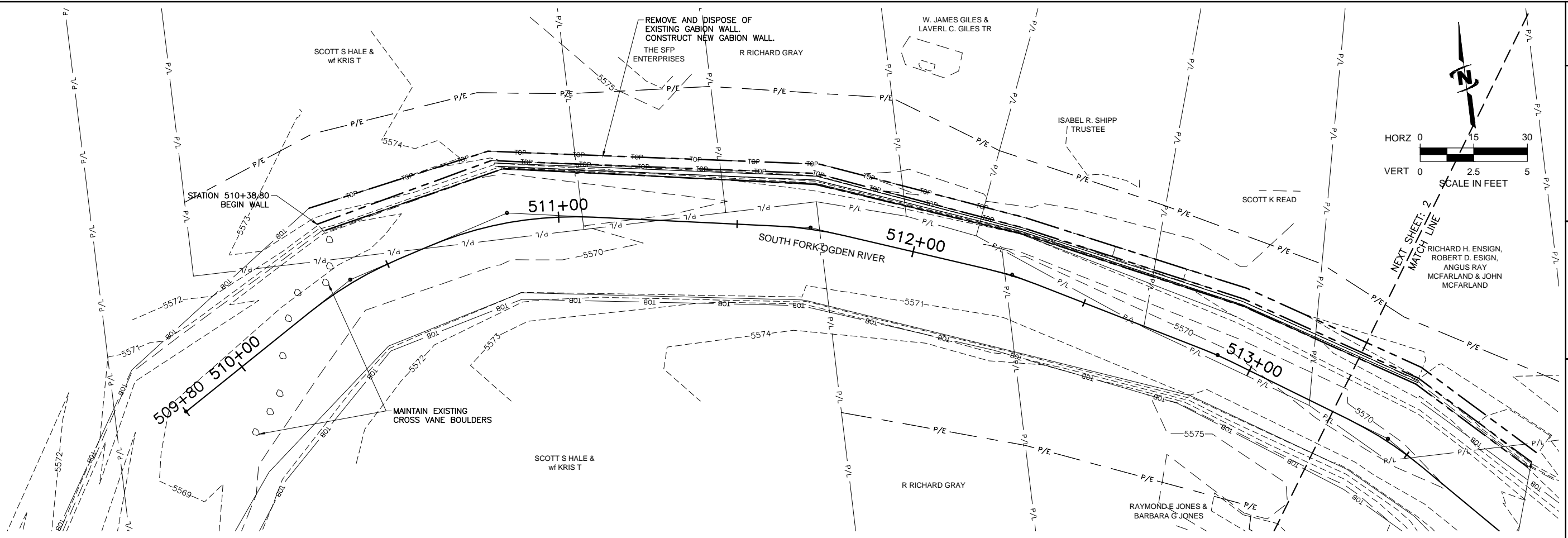
PLAN & PROFILE

FILE: 55-12-050 C-20X SANS BERN
JUB PROJ. #: 55-12-050
DRAWN BY: BJM
DESIGN BY: BJM
CHECKED BY: DQS

AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY
LAST UPDATED: 11/8/2013

SHEET NUMBER:

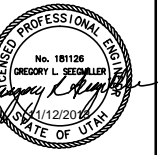
C-201





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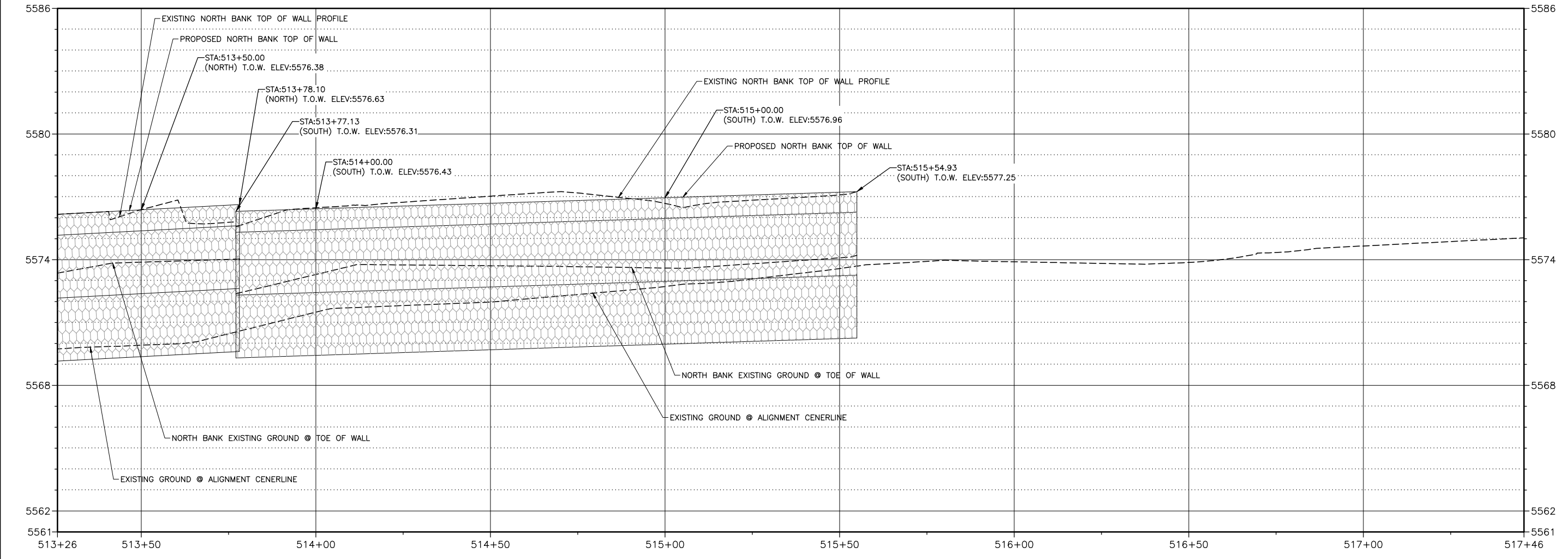
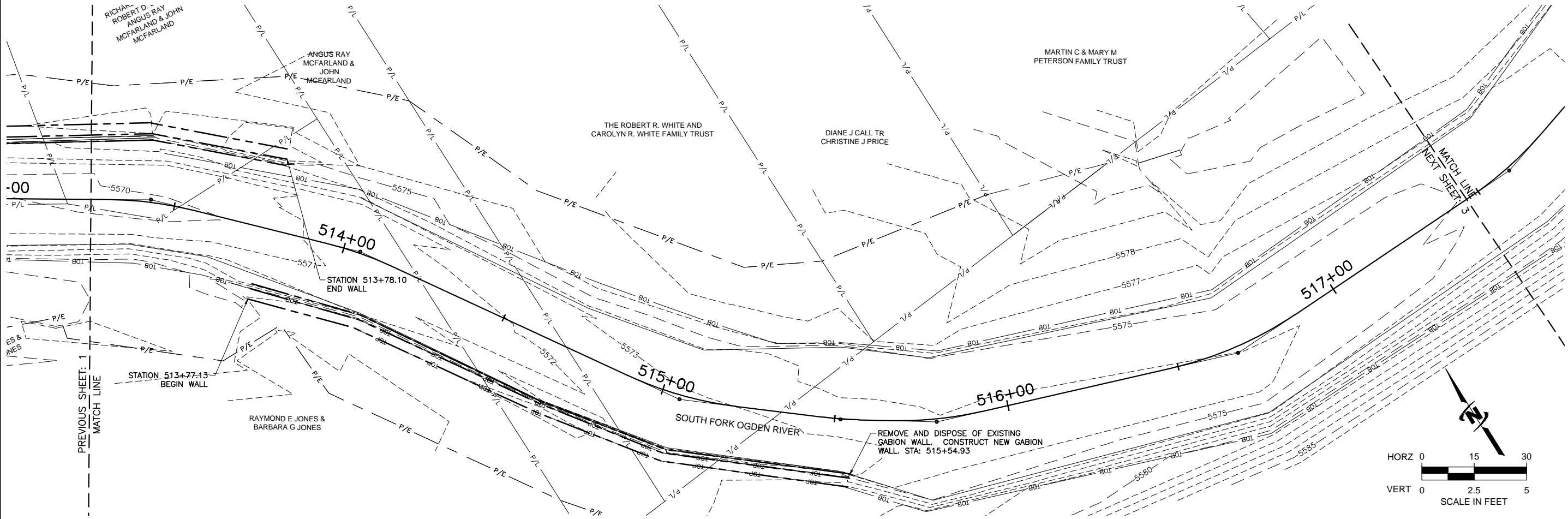
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**SOUTH FORK OGDEN RIVER GABION REPLACEMENT
WEBER COUNTY**

FILE: 55-12-050 C-20X SANS BERN
JUB PROJ. #: 55-12-050
DRAWN BY: BJM
DESIGN BY: BJM
CHECKED BY: DQS
AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY
LAST UPDATED: 11/8/2013
SHEET NUMBER:
C-202



Plot Date: 11/19/2013 11:59 AM Plotted By: Shanna McFarland
Date Created: 11/02/13 2:00 PM Project: 55-12-050 WEBER CO. UPPER VALLEY EWP PROJECT CAD SHEET 05-12-050 C-20X SANS BERN.DWG

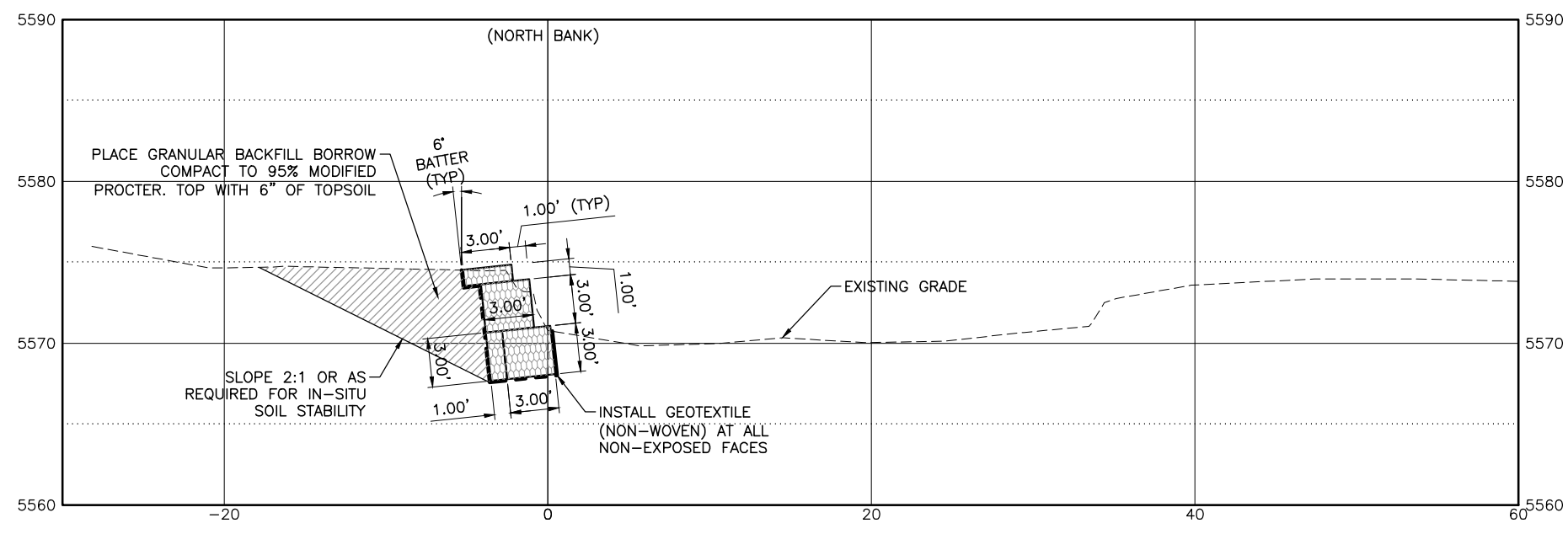


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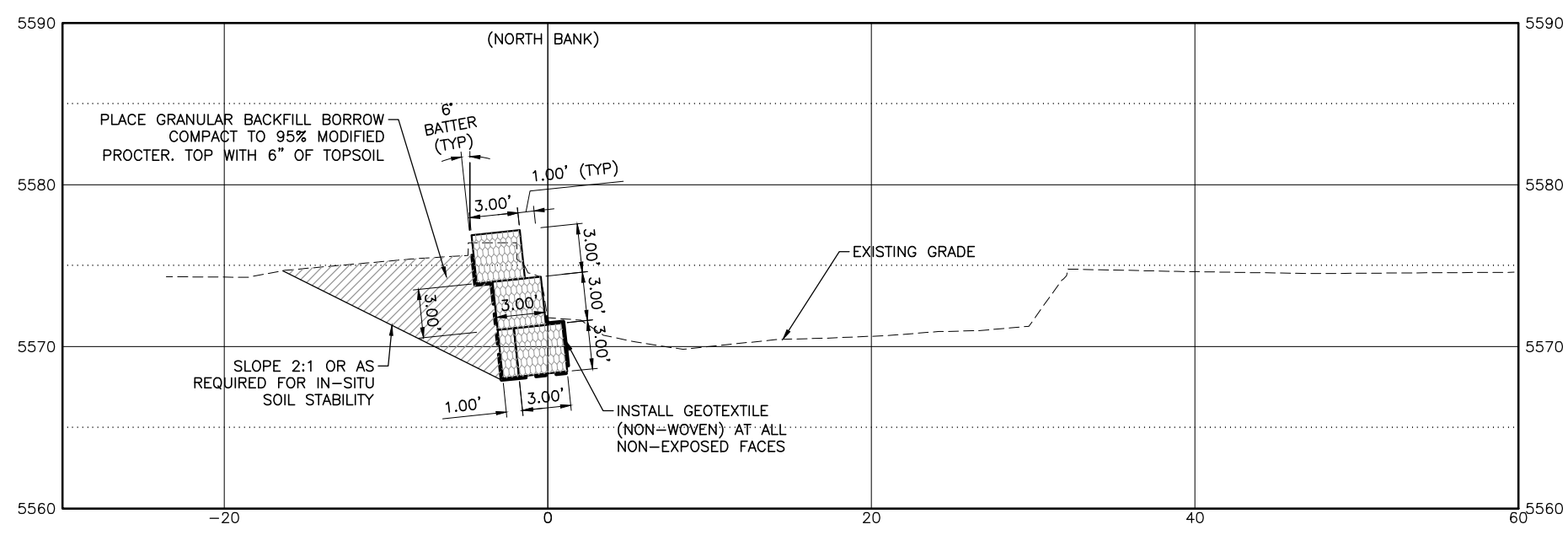


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NO.	REVISION	DESCRIPTION	BY	DATE



A TYPICAL SECTION (510+38 TO 512+52; 512+74 TO 513+78)
 SCALE: 1" = 5' (CUT AT 511+25)



B TYPICAL SECTION (512+52 TO 512+74)
 SCALE: 1" = 5' (CUT AT 512+75)

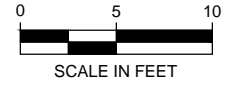
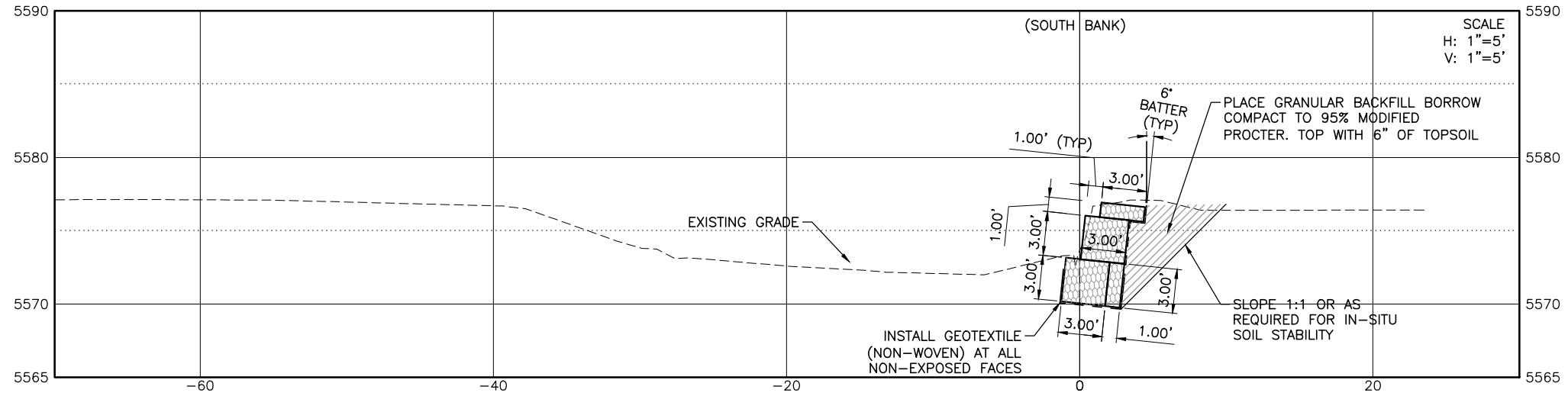
SOUTH FORK OGDEN RIVER GABION REPLACEMENT
 WEBER COUNTY
 TYPICAL CROSS SECTIONS

FILE: 55-12-050 C-301X SANS BER
 JUB PROJ. #: 55-12-050
 DRAWN BY: BJM
 DESIGN BY: BJM
 CHECKED BY: DQS
 AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY
 LAST UPDATED: 11/12/2013
 SHEET NUMBER:
C-301

Plot Date: 11/12/2013 11:42 AM Plotted By: Shana McFalland
 Date Created: 11/12/2013 File Path: J:\S\WEBER\WEBER COUNTY\55-12-050 WEBER CO-UPPER VALLEY EWP PROJECT\CAD SHEET\CIVIL\55-12-050 C-301X SANS BER.DWG

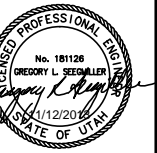
Plot Date: 1/11/2013 11:42 AM Plotted By: Shana McFalland
 Date Created: 1/16/2013 3:10:00 PM Project: S:\JUB\WEBER COUNTY\55-12-050 WEBER CO. UPPER VALLEY EWP PROJECT\CAD\SHEET\CIVIL\55-12-050 C-301X SANS_BER.MDWG

C TYPICAL SECTION
 SCALE: 1" = 5' (CUT AT 514+75)



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NO.	REVISION	DESCRIPTION	BY	DATE

SOUTH FORK OGDEN RIVER GABION REPLACEMENT
 WEBER COUNTY

TYPICAL CROSS SECTIONS

FILE: 55-12-050 C-301X SANS_BER.M
 JUB PROJ. #: 55-12-050
 DRAWN BY: BJM
 DESIGN BY: BJM
 CHECKED BY: DQS

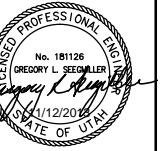
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 LAST UPDATED: 11/12/2013

SHEET NUMBER:
C-302



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NO.	REVISION	DESCRIPTION	BY	DATE

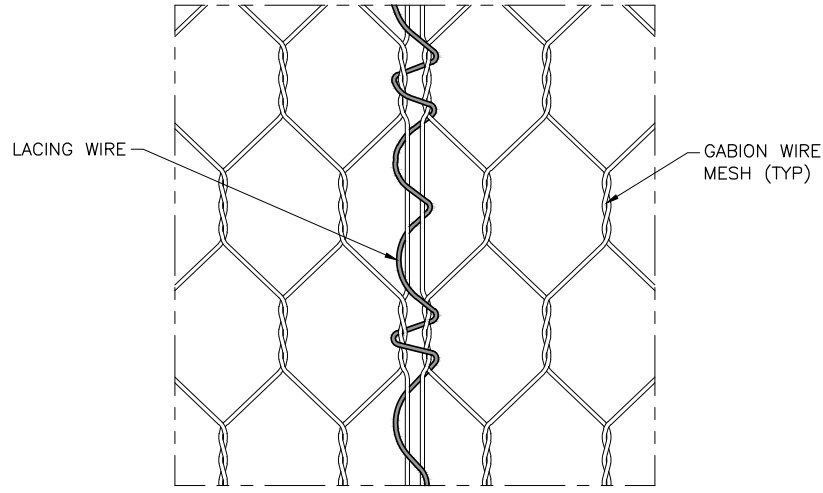
SOUTH FORK OGDEN RIVER GABION REPLACEMENT
WEBER COUNTY
DETAIL SHEET

FILE: 55-12-050 C-501 SANS BERM
JUB PROJ. #: 55-12-050
DRAWN BY: BJM
DESIGN BY: BJM
CHECKED BY: DQS

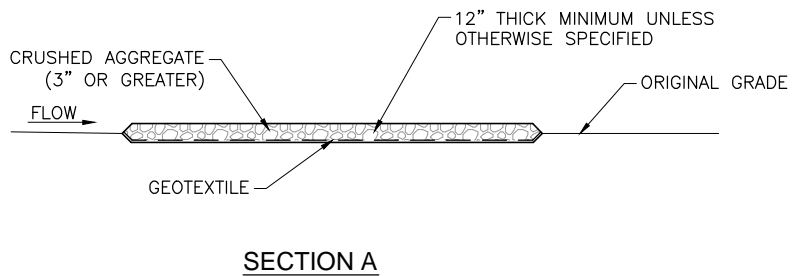
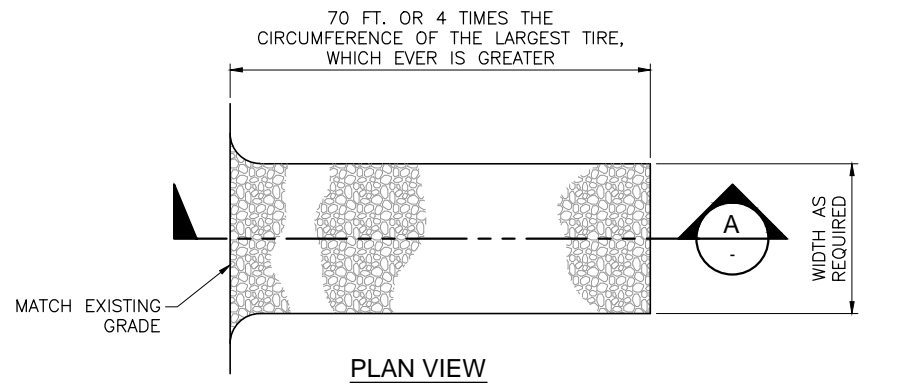
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LAST UPDATED: 11/8/2013

SHEET NUMBER:
C-501

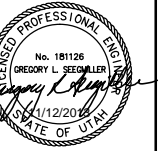


1 GABION LACING WIRE DETAIL
SCALE: N.T.S.



2 CONTROLLED ACCESS DETAIL
SCALE: N.T.S.

Plot Date: 11/12/2013 11:59 AM Plotted By: Shanna McFarland
Date Created: 11/12/2013 File Path: F:\PROJECTS\JUB\WEBER COUNTY\55-12-050 WEBER CO. UPPER VALLEY EWP PROJECT\CAD\SHEET\55-12-050 C-501 SANS BERM.DWG



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NO.	REVISION	DESCRIPTION	BY	APPR.	DATE

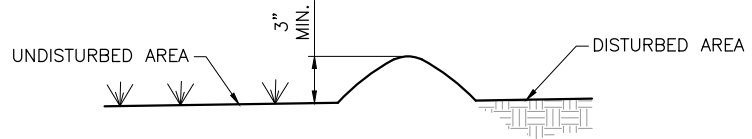
SOUTH FORK OGDEN RIVER GABION REPLACEMENT
 WEBER COUNTY
 BMP SHEET

FILE: 55-12-050 C-601
 JUB PROJ. #: 55-12-050
 DRAWN BY: BJM
 DESIGN BY: BJM
 CHECKED BY: DQS

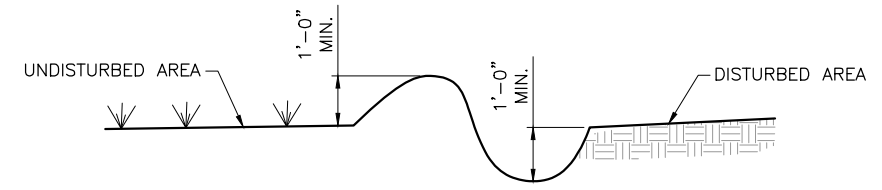
ONE INCH
 AT FULL SIZE, IF NOT ONE INCH SCALE ACCORDINGLY

LAST UPDATED: 11/8/2013

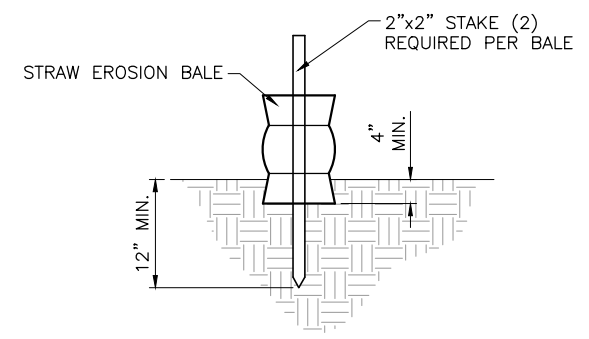
SHEET NUMBER:
C-601



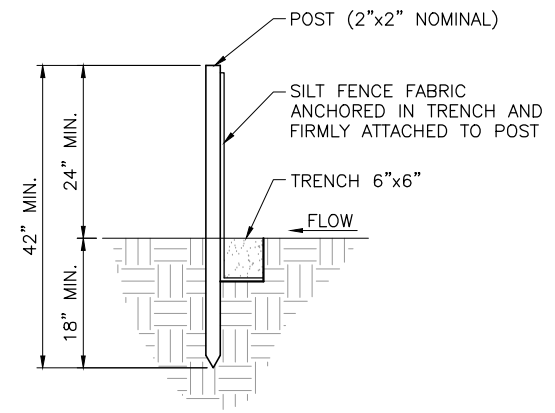
1 BERM DETAIL
 SCALE: N.T.S.



2 SWALE/BERM DETAIL
 SCALE: N.T.S.

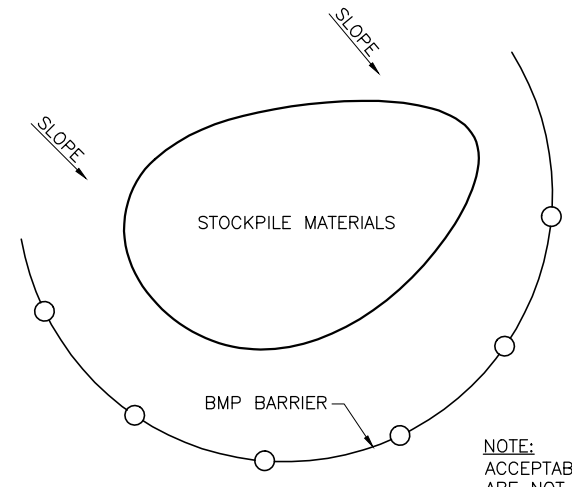


4 STRAW BALE DETAIL
 SCALE: N.T.S.



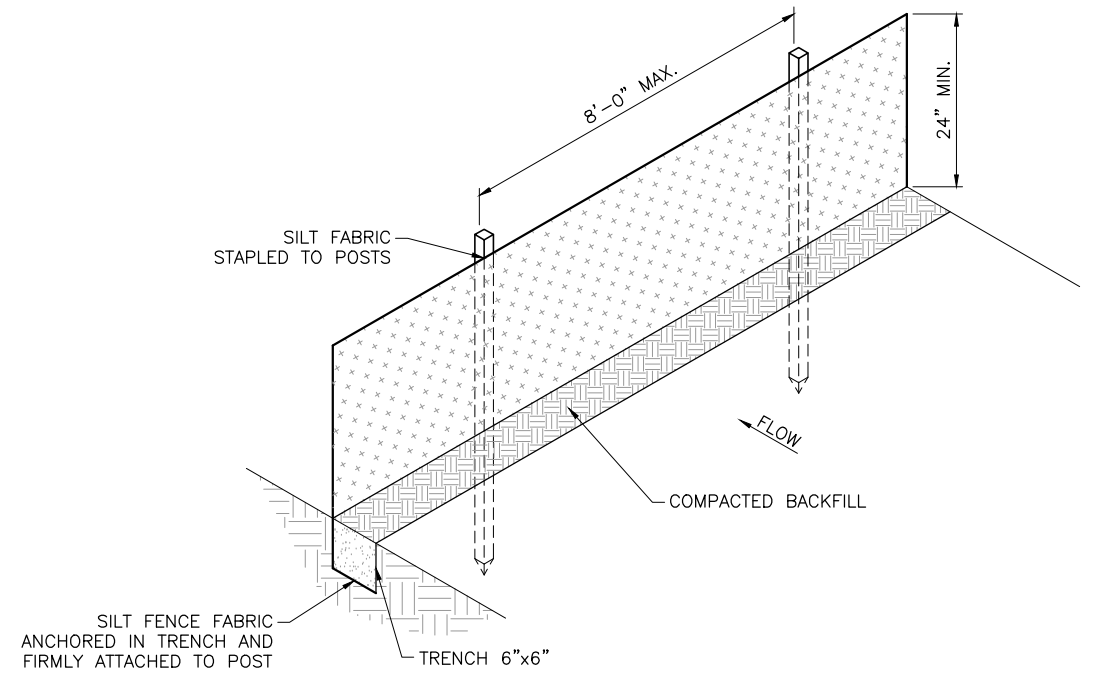
- NOTES:**
1. MINIMUM FILTER FABRIC HEIGHT SHALL BE 24".
 2. POSTS FOR SILT FENCES SHALL BE METAL OR HARD WOOD WITH A MINIMUM LENGTH OF 42". WOOD POSTS SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION OF 2". METAL POSTS SHALL BE "STUDDED TEE" OR "U" TYPE WITH MINIMUM WEIGHT OF 1.33 LBS/FOOT.
 3. DRIVE POSTS VERTICALLY INTO THE GROUND TO A MINIMUM DEPTH OF 18", AND EXCAVATE A TRENCH APPROXIMATELY 6" WIDE AND 6" DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER. NO LESS THAN THE BOTTOM ONE FOOT OF THE FABRIC SHALL BE BURIED INTO THIS TRENCH.
 4. THE FILTER FABRIC MATERIALS SHALL BE FASTENED SECURELY TO METAL OR WOOD POSTS USING WIRE TIES, OR TO THE WOOD POSTS WITH 3/4" LONG #9 HEAVY DUTY STAPLES.
 5. POSTS SHALL BE SPACED A MAXIMUM OF 8 FEET APART.

3 SILT FENCE DETAIL
 SCALE: N.T.S.



NOTE:
 ACCEPTABLE BMP'S INCLUDE, BUT ARE NOT LIMITED TO BERMS, SILT FENCE, AND GRAVEL SOCK. THE BMP IS TO SURROUND THE STOCKPILE SUFFICIENTLY ENOUGH TO DETAIN RUN OFF FROM THE STOCKPILE.

5 STOCKPILE BMP DETAIL
 SCALE: N.T.S.



Plot Date: 11/12/2013 11:59 AM Plotted By: Shana McFalland
 Date Created: 11/12/2013 10:02:15 AM Project: 55-12-050 WEBER CO. UPPER VALLEY EWP PROJECT CAD SHEET 05-12-050 C-601.DWG