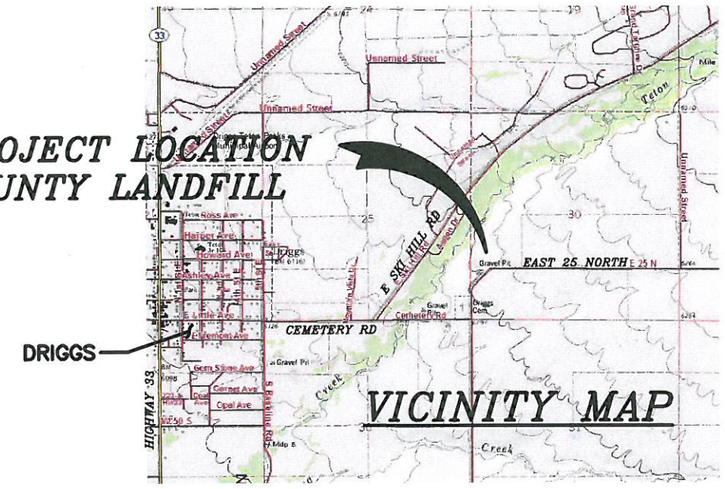
TETON COUNTY

LANDFILL

CAP REHABILITATION

LOCATION MAP

APRIL
2015



VICINITY MAP

PROFESSIONAL ENGINEER
REGISTERED
11364
4/29/2015
STATE OF IDAHO
KEVIN L. HARRIS

FA NO. 01-13-0031

DEQ STAMP

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\General\G-01.DWG, 4/29/2015 12:02:39 PM, gcox

SHEET INDEX

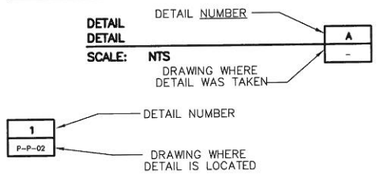
SHEET NO.	INDEX NO.	TITLE
		GENERAL
1	G-01	COVER SHEET AND VICINITY MAP
2	G-02	DRAWING INDEX, GENERAL SYMBOLS AND SYMBOLS
3	G-03	ABBREVIATIONS
4	G-04	STOCKPILE LOCATION
		CIVIL
5	C-01	SITE PLAN
6	PP-01	PROFILE
7	XC-01	CROSS SECTIONS
8	XC-02	CROSS SECTIONS
9	XC-03	CROSS SECTIONS
10	XC-04	CROSS SECTIONS
11	XC-05	CROSS SECTIONS
12	XC-06	CROSS SECTIONS
13	D-01	DETAILS
14	D-02	DETAILS

GENERAL SYMBOLS

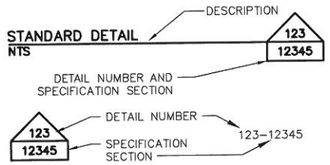
PLAN
1/4" = 1'-0"

SECTION CUT

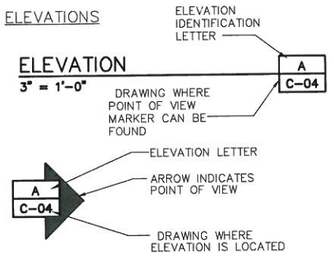
COMMON AND SPECIFIC DETAILS



STANDARD DETAILS



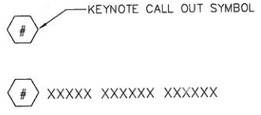
ELEVATIONS



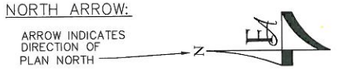
GENERAL NOTES:

#. XXXXX XXXXXX XXXXXX

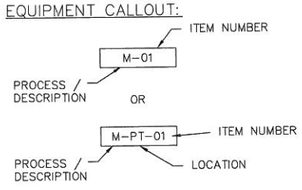
KEYED NOTES:



NORTH ARROW:



EQUIPMENT CALLOUT:



GENERAL NOTES

1. THE ENGINEERING DESIGNS ON THESE PLANS ARE ONLY APPROVED BY THE OWNER IN SCOPE AND NOT IN DETAIL. IF CONSTRUCTION QUANTITIES ARE SHOWN ON THESE PLANS, THEY ARE NOT VERIFIED BY THE OWNER.
2. THE CONTRACTOR SHALL COORDINATE WORK SCHEDULES WITH THE OWNER'S REPRESENTATIVE TO PREVENT ANY CONFLICTING WORK CONDITIONS.
3. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS. BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT AND ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATIONS, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK AND AVOIDING DAMAGE TO SAME.
4. ** INDICATES DIMENSIONS, LOCATIONS OR ELEVATIONS TO BE FIELD VERIFIED.
5. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING WORK AND SHALL IMMEDIATELY NOTIFY THE OWNER OF ANY DISCREPANCIES. ADDITIONALLY ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED.
6. UNLESS DETAILED, SPECIFIED OR INDICATED OTHERWISE, CONSTRUCTION SHALL BE AS INDICATED IN THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS ARE MEANT TO APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS OR ON SPECIFIC DRAWINGS.
7. SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS OR TO DE-EMPHASIZE PROPOSED IMPROVEMENTS TO HIGHLIGHT SELECTED TRADE WORK. REFER TO CONTEXT OF EACH DRAWING FOR USAGE.
8. CONTRACTOR SHALL PREPARE AND FURNISH TO THE OWNER A SET OF AS-BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.
9. CONTRACTOR SHALL COMPLY WITH UTILITY COMPANY REQUIREMENTS WHEN WORKING AROUND POWER LINES.
10. DRAWINGS SHOWING GENERAL SYMBOLOGY ARE STANDARD DRAWINGS. ALL SYMBOLS ARE NOT NECESSARILY USED ON THIS PROJECT.
11. SEE PROJECT EQUIPMENT AND PIPING SYSTEMS DRAWING FOR SYMBOLS AND ABBREVIATIONS SPECIFIC TO THE PROJECT.
12. IF PLAN AND SECTION, OR DETAIL CALL-OUT AND DETAIL ARE SHOWN ON SAME DRAWING, DRAWING NUMBER IS REPLACED BY A LINE (-).
13. DRAWINGS INDICATE THE FINISHED PRODUCT. THEY DO NOT INDICATE A METHOD OF CONSTRUCTION. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT NEW AND EXISTING STRUCTURES DURING CONSTRUCTION. SUCH PRECAUTIONS SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR CONSTRUCTION EQUIPMENT, ETC.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPENSATING THE OWNER FOR ANY CHANGES MADE AS A RESULT OF A DEVIATION FROM THE CONTRACT DOCUMENTS, DEVIATION FROM THE SPECIFICATIONS, FAULTY MATERIALS, OR FAULTY WORKMANSHIP.
15. OPTIONS ARE FOR THE CONTRACTORS CONVENIENCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED DESIGN CHANGES. COST ASSOCIATED WITH ANY DESIGN WORK INITIATED BY THE OPTION SHALL BE BORN BY THE CONTRACTOR.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION WITHIN AND ADJACENT TO THE JOB SITE. THE CONTRACTOR WILL FOLLOW GUIDELINES AND REGULATIONS SET FOURTH BY OSHA. FORSGREN ASSOCIATES WILL NOT BE RESPONSIBLE FOR JOB SITE SAFETY PROCEDURES OR CONDITIONS.
17. OBSERVATION VISITS TO THE JOB SITE BY FIELD REPRESENTATIVES OF THE ENGINEER SHALL NEITHER BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION.
18. 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 CONTACT DIGLINE OF IDAHO (1-800-342-1585) TO HAVE THE APPROPRIATE UTILITY COMPANIES LOCATE ANY UTILITY LOCATIONS WHICH MIGHT INTERFERE WITH CONSTRUCTION. 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.
19. CONTRACTOR SHALL OBTAIN AN NPDES PERMIT AND DEVELOP A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND FURNISH AND INSTALL ALL NECESSARY BEST MANAGEMENT PRACTICES (BMP). ALL BMP'S SHALL BE IN ACCORDANCE WITH ISPWC AND DEQ STANDARDS.

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and may not be reproduced without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER — 11364 — IDAHO — 4/29/2015

PROJECT NO. 01-13-0031
DRAWN
DESIGNED
APPROVED
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

SHEET INDEX, GENERAL SYMBOLS AND GENERAL NOTES

SHEET NO.: G-02
PAGE NO.: 2

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\General\G-02.DWG, 4/29/2015 12:57:06 PM, gcox

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\General\G-03.dwg, 4/29/2015 12:58:00 PM, gcox

A	AERATOR
AB	ANCHOR BOLT, AGGREGATE BASE
ABB	ABBREVIATIONS
ABC	AGGREGATE BASE COURSE
ABND	ABANDON
ABV	ABOVE
AC	ALTERNATING CURRENT
ACC	ASPHALTIC CEMENT CONCRETE
A/C	AIR CONDITIONING
ACP	ACOUSTIC CEILING PANELS
ACT	ACOUSTIC CEILING TILE
ACST	ACOUSTIC
ACU	AIR CONDITIONING UNIT
ADDN	ADDITION, ADDITIONAL
AD	AUTOMATIC DAMPER
ADJ	ADJUST, ADJUSTABLE
ADMIN	ADMINISTRATION
ADWF	AVERAGE DRY WEATHER FLOW
AF	AIR FILTER
AFE	AREA FOR FUTURE EXPANSION
AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AGGR	AGGREGATE
AHU	AIR HOLDING UNIT
AI	AREA INLET
AL	ALUMINUM
ALT	ALTERNATE
AM	AUTO MANUAL
ANC	ANCHOR
AR	AIR RELEASE
AS	AERATOR ACCESS STRUCTURE, ACTIVATED SLUDGE
ASC	ACOUSTICAL SUSPENDED CEILING
ASP	AIR SUPPLY
ASSY	ASSEMBLY
ATA	AIR TOOL ASSEMBLY
ATM	ATMOSPHERE
AVG	AVERAGE
AWG	AMERICAN WIRE GAGE
B-B	BACK TO BACK
BC	BOLT CENTER
BD	BOARD
BDD	BACKDRAFT DAMPER
BE	BELL END
BF	BLIND FLANGE
BFD	BUTTERFLY DAMPER
BL	BASELINE
BLDG	BUILDING
BLKG	BLOCKING
BLR	BOILER
BM	BENCHMARK, BEAM
BOC	BACK OF CURB
BOD	BOTTOM OF DUCT, BIOCHEMICAL OXYGEN DEMAND
BOG	BOTTOM OF GRILL
BOP	BOTTOM OF PIPE
BOR	BOTTOM OF REGISTER
BOW	BOTTOM OF WALL
BP	BASE PLATE
BRG	BEARING
BRKT	BRACKET
BS	BOTH SIDES
BTU	BRITISH THERMAL UNIT
BTW	BETWEEN
BU	BELL UP
BUR	BUILT-UP ROOF
BW	BOTH WAYS, BACKWASH LINE
BWR	FILTER BACKWASH RETURN
C	STEEL CHANNEL SHAPE, CENTIGRADE
C&G	CURB & GUTTER
CAB	CABINET
CAM	COMPUTER AUTO MANUAL
CAP	CAPACITY
CAV	CAVITY
CB	CATCH BASIN
CC	COOLING COIL
CCW	COUNTER CLOCKWISE
C-C	CENTER TO CENTER
CCF	CONCRETE FLOOR
CD	CONDENSATE DRAIN, CEILING DIFFUSER
CER	CERAMIC
CF	CABINET FAN, CEILING FAN, CUBIC FEET(FOOT)
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CFS	CUBIC FEET PER SECOND
CI	CURB INLET
CIMJ	CAST IRON MECHANICAL JOINT
CJ	CONSTRUCTION JOINT
℄,CL,C/L	CENTERLINE
CL	CHORD LENGTH
Cl_2	CHLORINE (TYPICAL: USE STANDARD CHEMICAL ELEMENT ABBREVIATION)
CLJ	CONTROL JOINT
CLKG	CAULKING
CLO	CLOSET
CLR	CLEAR/CHILLER
CLT	COOLING TOWER
CM	COMPUTER MANUAL
CMH	COMMUNICATION MANHOLE
CML	COMPLETE MIX LAGOON
CMLES	CML EFFLUENT STRUCTURE
CMLIS	CML INFLUENT STRUCTURE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CNDT	CONDUCTIVITY
CO	CLEAN OUT
COL	COLUMN
COMM	COMMUNICATION
COMP	COMPRESSIBLE
CON	CONCENTRIC
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CORR	CORRIDOR
C ,CP	CHECKER PLATE, CONTROL POINT
CPF	CHEMICAL POT FEEDER
CPLG	COUPLING
CP-X	CONTROL PANEL NO. X
CSC	COMPRESSION SLEEVE COUPLING
CSD	CEILING SUPPLY DIFFUSER
CSK	COUNTERSINK
CSP	CORRUGATED STEEL PIPE
CT	CERAMIC TILE
CTF	COOLING TOWER FAN
CTR	CENTER, CONTRACTOR
CVT	CULVERT
CU	COPPER, CUBIC
CV	CHECK VALVE
CW	CLOCKWISE
CWC	CHILLED WATER COIL
CWP	CHILLED WATER PUMP
D	DIFFUSER, DRAIN
DB	DUCT BANK
DBL	DOUBLE
DC	DIRECT CURRENT
DEG	DEGREE
DEMO	DEMOLITION
DEP	DEPRESSED
DF	DOUGLAS FIR
DIA	DIAMETER
DI	DROP INLET, DUCTILE IRON
DIAG	DIAGONAL
DIAPH	DIAPHRAGM
DIFF	DIFFERENTIAL
DIM	DIMENSION
DIST	DISTANCE, DISTRIBUTION
DIV	DIVISION
DL	DEAD LOAD
DM	DAMPER MOTOR
DMJ	DOUBLE MECHANICAL JOINT
DMPR	DAMPER
DN	DOWN
DO	DISSOLVED OXYGEN
DOA	DO ANALYZER
DOE	DO ELEMENT
DOR	DO RECORDER
DP	DEPTH
DPS	DIFFERENTIAL PRESSURE SWITCH
DR	DRAIN ROCK
DT	DOUBLE TEE
DTL	DETAIL
DWG	DRAWING
DWLS	DOWELS
DWR	DRAWER
E	EAST
EA	EACH, EXHAUST AIR
ECC	ECCENTRIC
EDB	ELECTRICAL DUCT BANK
EE	EACH END
EF	EACH FACE, EXHAUST FAN
EFF	EFFLUENT, EFFICIENCY
EHH	ELECTRICAL HANDHOLD
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELBOW
ELEC	ELECTRICAL
EL, ELEV	ELEVATION
EMBD	EMBEDDED
EMH	ELECTRICAL MANHOLE
ENCL	ENCLOSURE
ENGR	ENGINEER
ENTR	ENTRANCE
EQ	EQUAL
EQUIP	EQUIPMENT
EQUIP	EQUIPMENT
ERV	EXHAUST ROOF VENTILATOR
ESEW	EMERGENCY SHOWER AND EYE WASH
ET	EXPANSION TANK
EUH	ELECTRICAL UNIT HEATER
EW	EACH WAY
EWEF	EACH WAY, EACH FACE
EWTB	EACH WAY, TOP AND BOTTOM
EX	EXTRA
EXC	EXCAVATION
EXH	EXHAUST HOOD
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR, EXTERNAL
F	FAHRENHEIT, FACE
FAB	FABRICATE (D), (TION)
FB	FLOOR BEAM
FBD	FIREBOARD
FBG	FIBERGLASS
FC	FLUSHING CONNECTION/FAN COIL
FCA	FLANGED COUPLING ADAPTER
FCL	FLOW CONTROL LINE
FD	FIRE DAMPER
FDC	FLEXIBLE DUCT CONNECTION
FDN	FOUNDATION
FE	FLANGED END, FLOW ELEMENT
FES	FLOW END STRUCTURE
FF	FAR FACE
F-F	FACE TO FACE
FFE	FINISHED FLOOR ELEVATION
FG	FINISHED GRADE
FH	FUME HOOD
FIG	FIGURE
FIN	FINISHED
FIR	FLOW RECORDER
FIT	FLOE INDICATING TRANSMITTER
FJT	FLUSH JOINT
FL	FLOW, FLOW LINE
FLEX	FLEXIBLE
FLG	FLANGE
FLR	FLOOR
FLS	FLASHING or FLUSH
FOB	FLAT ON BOTTOM
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUDS
FOT	FLAT ON TOP
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FPT	FEMALE PIPE THREAD
FQ	FLOW TOTALIZER
FR	FRAME, FORWARD REVERSE
FRP	FIBERGLASS REINFORCED PLASTIC
FS	FLOOR SINK, FIRESTAT
FSF	FILTERED SUPPLY FAN
FT	FEET, FOOT
FT/FT	FOOT PER FOOT
FTG	FOOTING
FTGS	FITTINGS
FUR	FURRED or FURRING
FURN	FURNITURE
FUT	FUTURE
FWD	FORWARD
FXC	FLEXIBLE
FZ	FREEZESTAT
G	GRILLE
GA	GAGE, METAL THICKNESS
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BREAK, GRAB BAR
GD	GUARD
GL	GLASS
GLB	GLASS BLOCK
GN	GENERAL
GND	GROUND
GO	GRATING OPENING
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GP	GUY POLE
GR	GRADE
GRT	GROUT
GRTG	GRATING
GSB	GYPSUM SHEATHING BOARD
GSKT	GASKET
GTV	GATE VALVE
GWB	GYPSUM WALL BOARD
GUH	GAS UNIT HEATER
HB	HOSE BIBB
HBD	HARDBOARD
HC	HANDICAPPED/HEATING COIL
HDPE	HIGH DENSITY POLYETHYLENE
HDR	HEADER
HDW	HARDWARE
HEX	HEAT EXCHANGER
HGR	HANGER
HLP	HEAT LOOP PUMP
HM	HOLLOW METAL
HOA	HAND-OFF-AUTO
HOR	HAND-OFF-REMOTE
HORIZ	HORIZONTAL
HP	HIGH POINT, HORSEPOWER, HIGH PRESSURE, HEAT PUMP
HR	HANDRAIL, HOUR
HRC	HEAT RECOVERY COIL
HS	HEADED STUD
HT	HEIGHT
HTR	HEATER
HV	HOSE VALVE
HVAC	HEATING, VENTILATION & AIR CONDITIONING
HW	HARDWARE
HWC	HOT WATER COIL
HWD	HARDWOOD
HWL	HIGH WATER LEVEL
HWP	HOT WATER PUMP
HYD	HYDRAULIC
HWUH	HOT WATER UNIT HEATER
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IF	INSIDE FACE
IH/INH	INTAKE HOOD
IN	INCH, INCHES
INF	INFLUENT
INSTR	INSTRUMENT, INSTRUMENTATION
INSUL	INSULATION
INT	INTERIOR
INTR	INTERMEDIATE
INV	INVERT
ISPWC	IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION
JB	JUNCTION BOX
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
KB	KNEE BRACE
KD	KNOCK DOWN
KO	KNOCK OUT
L	LEFT, LENGTH
LAB	LABORATORY
LAM	LAMINATED
LAT	LATERAL, LAMINATE
LAU	LAUNDRY
LAV	LAVATORY
LB	POUND
LB/FT	POUND(S) PER FOOT
LB/IN	POUND(S) PER INCH
LDG	LANDING
LF	LINEAR FOOT (FEET)
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LP	LOW PRESSURE
LR	LONG RADIUS, LOCATE-REMOVE
LTL	LINTEL
LVR	LOUVER
LW	LIGHTWEIGHT
LWC	LIGHTWEIGHT CONCRETE
LWL	LOW WATER LEVEL
M	MIXER
MA	MANUAL-AUTO
MAINT	MAINTENANCE
MAN	MANUAL(LY)
MATL	MATERIAL
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MB	MACHINE BOLT
MBH	THOUSAND BTUs PER HOUR
MBR	MEMBER
MC	MECHANICAL COUPLING/MASONRY COLUMN
MCB	METAL CORNER BEAD
MCC	MOTOR CONTROL CENTER
MCJ	MASONRY CONTROL JOINT
MDMJ	MODIFIED DOUBLE MECHANICAL JOINT
MCNM	MOISTURE CONDITIONED NATIVE MATERIAL
MCP	MAIN CONTROL INSTRUMENT PANEL
MECH	MECHANICAL
MED	MEDIUM
MEE	MISCELLANEOUS ELECTRICAL EQUIPMENT
MEZZ	MEZZANINE
MFR	MANUFACTURER
MGD	MILLION GALLONS PER DAY
MG/L	MILLIGRAMS PER LITER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MJ	MECHANICAL JOINT
ML	MILLILITER
MLDG	MOLDING
MMB	MEMBRANE
MO	MASONRY OPENING
MOD	MODIFIED, MODIFICATION/MOTOR OPERATED DAMPER
MPT	MALE PIPE THREAD
MS	MOP SINK
MTD	MOUNTED
MTG	MOUNTING
MU	MASONRY UNIT
MV	MOTOR OPERATED VALVE
MW	MONITORING WELL
N	NORTH
NAT	NATURAL
NEG	NEGATIVE
NF	NEAR FACE
NG	NATURAL GAS
NIA	NOT IN AUTO
NOC	NOT IN CONTRACT
NO	NUMBER
NPT	NATIONAL PIPE THREADS
NRC	NOISE REDUCTION COEFFICIENT
NS	NEAR SIDE
NTS	NOT TO SCALE
NWL	NORMAL WATER LEVEL
OA	OUTSIDE AIR
OBVD	ODOR CONTROL FAN
OC	ON CENTER(S), OPEN-CLOSE
OCA	OPEN-CLOSED-AUTO
OCF	ODOR CONTROL FAN
OCP	ODOR CONTROL PUMP
OCR	OPEN-CLOSED-REMOTE
OCS	ODOR CONTROL SCRUBBER
OCU	ODOR CONTROL UNIT
OD	OUTSIDE DIAMETER
OED	OPEN END DUCT
OF	OUTSIDE FACE
OH	OVERHEAD
OO	ON-OFF
OOA	ON-OFF-AUTO
OOR	ON-OFF-REMOTE
OPG	OPENING
OPP	OPPOSITE
ORIG	ORIGINAL
OX	OXIDATION
P	PUMP
PAR	PARALLEL
PB	PULL BOX, PANIC BAR
PBD	PARTICLE BOARD
PC	POINT OF CURVE
PCC	PORTLAND CEMENT CONCRETE
PCF	POUNDS PER CUBIC FOOT
PCV	PRESSURE CONTROL VALVE
PE	PLAIN END
PED	PEDESTAL
PEN	PENETRATION
PERF	PERFORATED
PERM	PERMANENT
PERP	PERPENDICULAR
PG	PRESSURE GAUGE
PI	POINT OF INTERSECTION, PLANT INFLUENT, PRESSURE INDICATOR
PL, PL	PLATE, PROPERTY LINE
PML	PARTIAL MIXED LAGOON
PMLES	PML EFFLUENT STRUCTURE
PMLFC	PML FLOW CONTROL
PMLFCS	PML FC STRUCTURE
PMLIS	PML INFLUENT STRUCTURE
POC	POINT OF CURVE
PP	POWER POLE
PPU	POSITIVE PRESSURE UNIT
PREF	PREFINISHED
PREFAB	PREFABRICATED
PRES	PRESSURE
PRI	PRIMARY
PRL	PARALLEL
PRV	PRESSURE REGULATING/RELIEF VALVE
PS	PIPE SUPPORT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIA	POUNDS PER SQUARE INCH ABSOLUTE
PSIG	POUNDS PER SQUARE INCH GAGE
PST	PRESTRESSED
PT (PT)	POINT OF TANGENCY, PRESSURE TRANSMITTER
PTE	PRIMARY TREATMENT EFFLUENT
PTN	PARTITION
PTW	PUMP TO WASTE
PV	PLUG VALVE
PVMT	PAVEMENT
PW	POTABLE WATER
PWF	PRESSURE WALL FAN
PWJ	PLYWOOD WEB JOIST
Q	RATE OF FLOW
QT	QUARRY TILE
QTR	QUARTER
QTY	QUANTITY
R	RIGHT, RADIUS, RISERS
RC	RUN
R & R	REMOVE AND REPLACE EQUAL TO OR BETTER THAN ORIGINAL
R/W	RIGHT OF WAY
RB	RESILIENT BASE
RECD	RECEIVED
RECIRC	RECIRCULATION
RECT	RECTANGULAR
RED	REDUCER
REF	REFERENCE
REINF	REINFORCE, REINFORCING
REM	REMOVE, REMOVABLE
REQD	REQUIRED
RFG	ROOFING
RFL	REFLECTED or REFLECTIVE or REFLECTOR
RH	RIGHT HAND, RELIEF HOOD
RL	REQUIRED LAP
RM	ROOM(S)
RPM	REVOLUTIONS PER MINUTE
RR	RAILROAD
RS	RUNNING STATUS
RT	RIGHT
RTHP	ROOF TOP HEAT PUMP
RTN	RETURN
RVT	RESILIENT VINYL TILE
S	SOUTH
S & P	SHELF AND POLE
SAN	SANITARY
SB	SPLASH BLOCK
SBS	STYRENE BUTADIENE STYRENE
SC	SOLID CORE
SCHED	SCHEDULE
SCHEM	SCHEMATIC
SCN	SCREEN
SD	SHOWER DRAIN, SUPPLY DIFFUSER, SMOKE DETECTOR
SDG	SULFUR DIOXIDE GAS
SDS	SULFUR DIOXIDE SOLUTION
SDV	SULFUR DIOXIDE VACUUM
SECT	SECTION
SF	SUPPLY FAN
SG	SHEET GLASS, SEALANT GROOVE
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR
SL	SLOPE
SMLS	SEAMLESS
SP	SOUNDPROOF
SPC	SET-POINT CONTROLLER
SPEC	SPECIFICATION
SQ	SQUARE
SR	SHORT RADIUS, SUPPLY REGISTER
SS	SERVICE SINK, STOP-START
SST	STAINLESS STEEL
STA	STATION
STD	STANDARD
STIF	STIFFENER
STIR	STIRRUP
STL	STEEL
STRUCT	STRUCTURE
SUB	SUBSTITUTE
SWE	SIDE WATER ELEVATION
SYM	SYMBOL
SYMM	SYMMETRICAL
SYN	SYNTHETIC
T	THREADS, TANGENT, THERMOSTAT
T/B	TOP OF BANK
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
TA	TOP OF ASPHALT
TBM	TEMPORARY BENCHMARK
TC	TOP OF CONCRETE, TEMPERATURE CONTROLLER
TCV	TEMPERATURE CONTROL VALVE
TEL	TELEPHONE
TEMP	TEMPORARY, TEMPERATURE
TF	TRANSFER FAN
THD	THREADED
THK	THICK
TOC	TOP OF CURB, TOP OF CONCRETE
TOG	TOP OF GRATING
TOL	TOLERANCE, TOP OF LEDGER
TOM	TOP OF MASONRY
TOP	TOP OF PLATE
TOPO	TOPOGRAPHY
TOS	TOP OF SLAB, TOP OF STEEL
TOW	TOP OF WALL
TS	TUBULAR STEEL, TEMPERATURE SWITCH
TT	TEMPERATURE TRANSMITTER
Tu	TURBIDITY
TYP	TYPICAL
UG	UNDERGROUND
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
V	VENT, VELOCITY
VAC	VACUUM
VAR	VARIABLE, VARNISH
VB	VAPOR BARRIER, VINYL BASE
VC	VERTICAL CURVE
VC	VINYL COMPOSITION TILE
VD	VOLUME DAMPER
VERT	VERTICAL
VEST	VESTIBULE
VG	VERTICAL GRAIN
VIB	VIBRATION
VIF	VERIFY IN FIELD
VTR	VENT THRU ROOF
VWC	VINYL WALL COVERING
W	WEST
WAS	WASTE ACTIVATED SLUDGE
WB	WOOD BASE
WC	WATER CLOSET
WD	WOOD, WIDTH
WF	WIDE FLANGE
WG	WIRE GLASS
WH	WATER HEATER, WATER HYDRANT
WI	WROUGHT IRON, WELL HOUSE
WL	WATER LEVEL, WIND LOAD
WP	WATERPROOF(ED) (ING), WORKING POINT
WS	WATERSTOP, WATER SURFACE
WSE	WATER SURFACE ELEVATION
WSCT	WAINSCOT
WT	WEIGHT, WATER TIGHT
WWF	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
XSECT	CROSS SECTION

GENERAL NOTES

THIS SHEET APPLIES TO THE ENTIRE SET OF DRAWINGS. LISTING OF ABBREVIATIONS DOES NOT IMPLY ALL ABBREVIATIONS HAVE BEEN USED ON THIS PROJECT.

ATTENTION
LINE IS 2 INCHES AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER REGISTERED 11364 4/29/2015 KEVIN L. HARRIS

PROJECT NO. 01-13-0031
DRAWN
DESIGNED
APPROVED
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

ABBREVIATIONS

SHEET NO.: G-03

PAGE NO.: 3

CONSTRUCTION NOTES:

1. PROPERTY LINES SHOWN ON THIS SHEET ARE APPROXIMATE BASED ON TETON COUNTY GIS.

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER REGISTERED PROFESSIONAL ENGINEER 11364 4/29/2015 KEVIN L. HARRIS

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED MJF
APPROVED
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

STOCKPILE LOCATION

SHEET NO.: G-04

PAGE NO.: 4

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\General\G-04.dwg, 4/29/2015 12:58:42 PM, gcox

CONSTRUCTION NOTES:

1. SLOPES OF FINISHED GRADE OF LANDFILL CAP SHALL BE BETWEEN 2% AND 33%.
2. FOR COMPLETE DESCRIPTION AND REQUIREMENTS FOR GRUBBING, TOPSOIL REMOVAL, EXCAVATION AND STOCKPILING, GRADING, PLACEMENT OF CAP MATERIAL, COMPACTION, TOPSOIL REPLACEMENT, AND SEEDING, SEE SECTION 01010B, TETON COUNTY LANDFILL FINAL COVER RECONSTRUCTION REQUIREMENTS. AND OTHER APPLICABLE SECTIONS.

SURVEY CONTROL

CP1 RBNC
N: 43918.148
E: 51900.055
ELEV: 6206.232

CP15 RBAC
N: 44373.071
E: 52841.212
ELEV: 6220.839

KEYED NOTES

(1) EXCAVATE EXISTING PVC PIPE BACK TO BELOW EXISTING CAP MATERIAL. CUT OFF PIPE, CAP PIPE WITH WATER TIGHT GLUED CAP. REPLACE LANDFILL CAP PER PROJECT SPECIFICATIONS.

(2) REMOVE AND DISCARD LINER IN EXISTING CATCH BASIN AND BACKFILL WITH APPROVED COVER MATERIAL.

(3) CONSTRUCT 4 WIRE BARBED WIRE FENCE ON PROPERTY LINE AND WHERE OTHERWISE SHOWN PER ISPWC SECTION 2040, FENCE TYPE 5A WITH WOOD FENCE POSTS AND ONE 9 GAGE WIRE STAY BETWEEN POSTS. PROVIDE STANDARD FENCE BRACES PER ISPWC SD-2040F AT LOCATIONS AND SPACING REQUIRED BY ISPWC SD-2040H.

(4) CONSTRUCT LYSIMETER TEST PADS PER DETAIL 1/D-02.

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2"- SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER REGISTERED 11364 KEVIN L. HARRIS 4/29/2015

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED
APPROVED MJF
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

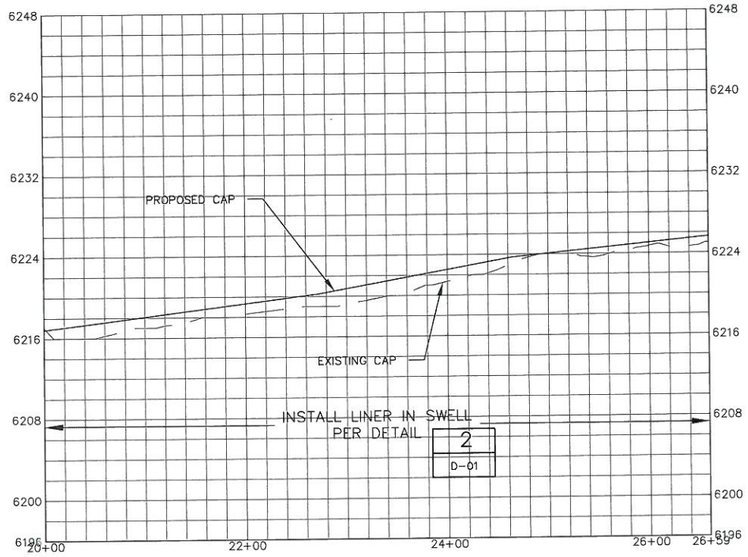
SITE PLAN

SHEET NO.: C-01

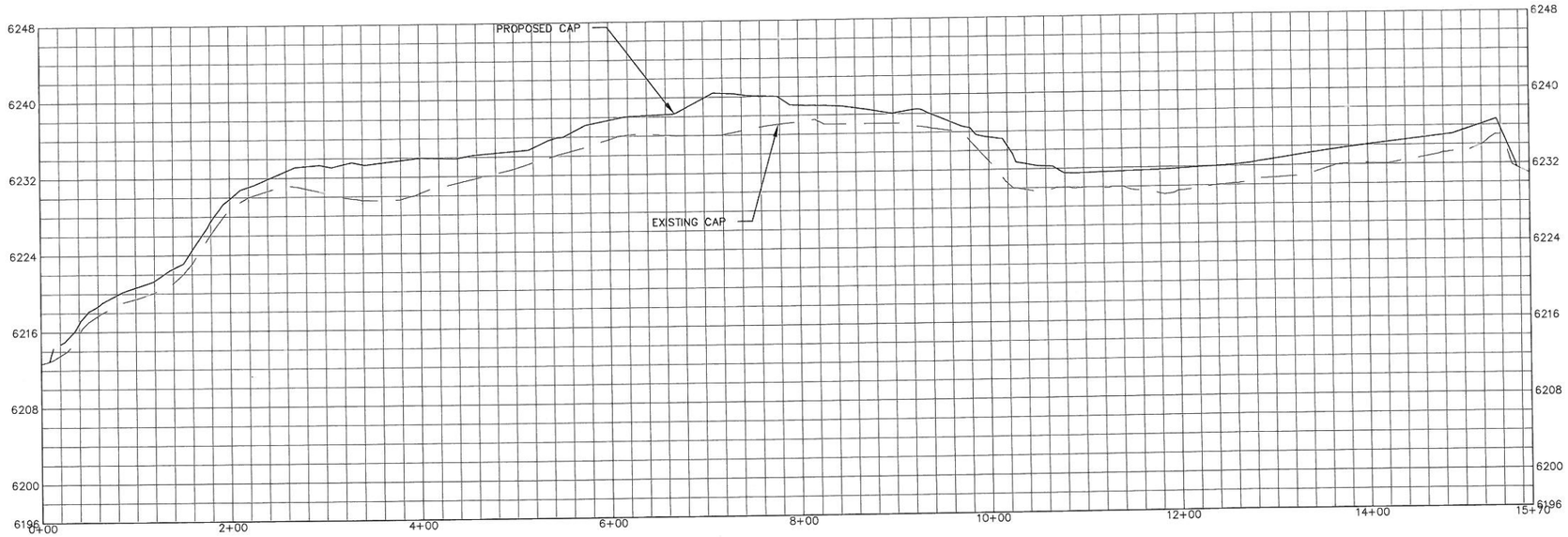
PAGE NO.: 5

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\C-01.dwg, 4/29/2015 12:59:48 PM, gcox

PROFILE B



PROFILE A



ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\PP-01.dwg, 4/29/2015 1:12:28 PM, gcox

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design contained herein is the property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER — KEVIN L. HARRIS — 11364 — 4/29/2015

PROJECT NO.	01-13-0031
DRAWN	GWC
DESIGNED	MJP
APPROVED	K. HARRIS
QA/QC	

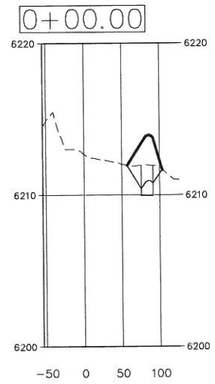
TETON COUNTY

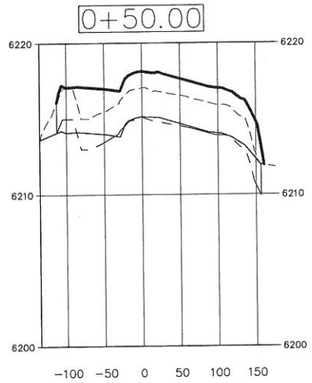
LANDFILL CAP REHABILITATION

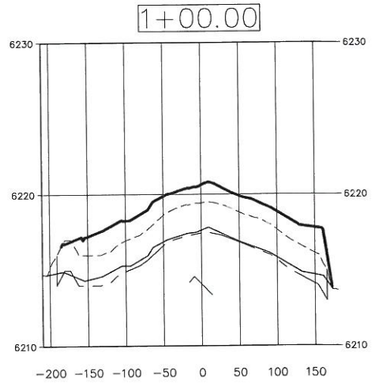
PROFILES

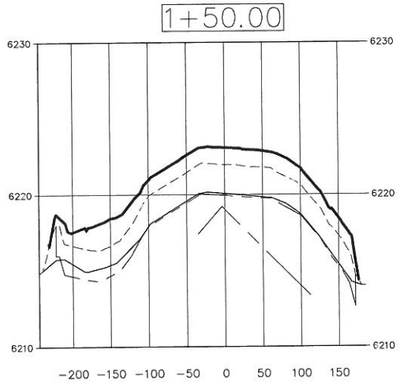
SHEET NO.: PP-01

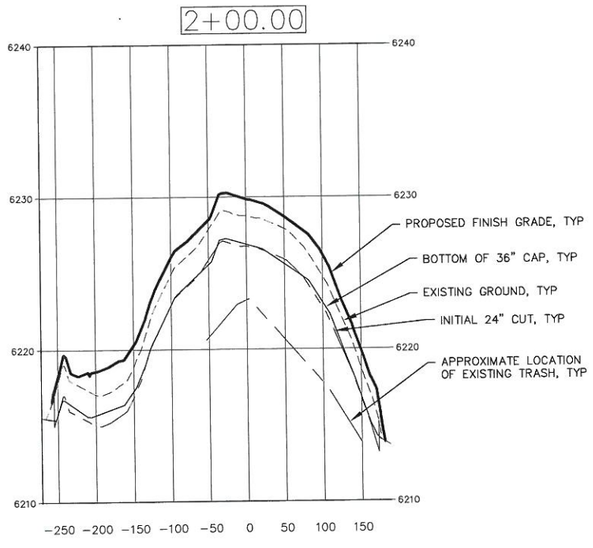
PAGE NO.: 6

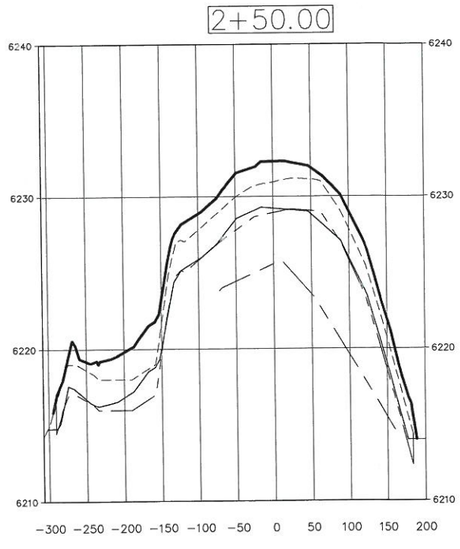












PROFILE SCALE
HORIZONTAL 1"= 100'
VERTICAL 1"= 5'

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
IF NOT 2"- SCALE ACCORDINGLY

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and shall not be used without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

REGISTERED PROFESSIONAL ENGINEER
11364
KEVIN L. HARRIS
4/29/2015

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED MJP
APPROVED K. HARRIX
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

CROSS SECTIONS

SHEET NO.: XC-01

PAGE NO.: 7

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\XC-01.dwg, 4/29/2015 1:01:13 PM, gcox

PROFILE SCALE
HORIZONTAL 1"= 100'
VERTICAL 1"= 5'

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2"- SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

REGISTERED PROFESSIONAL ENGINEER
11364
STATE OF IDAHO
KEVIN L. HARRIS
4/29/2015

PROJECT NO. 01-13-0031	DRAWN GWC	DESIGNED MJF	APPROVED K. HARRIS	QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

CROSS SECTIONS

SHEET NO.: XC-02

PAGE NO.: 8

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\XC-02.dwg, 4/29/2015 1:01:56 PM, gcox

PROFILE SCALE
HORIZONTAL 1"= 100'
VERTICAL 1"= 5'

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the property of Forsgren Associates and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

REGISTERED PROFESSIONAL ENGINEER
11364
4/29/2015
KEVIN L. HARRIS

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED MJP
APPROVED K. HARRIS
QA/QC

TETON COUNTY

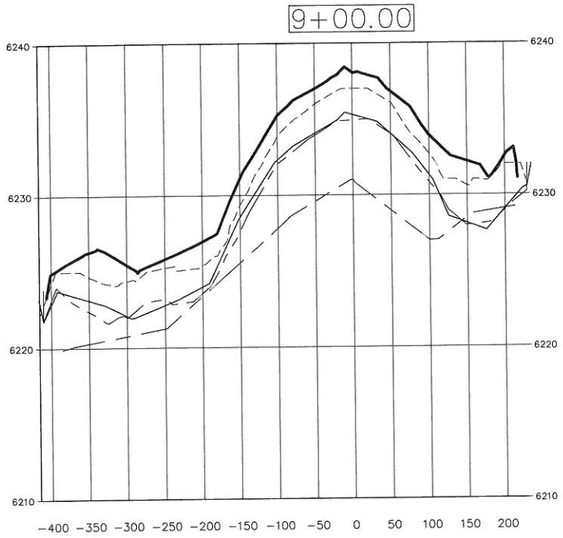
LANDFILL CAP REHABILITATION

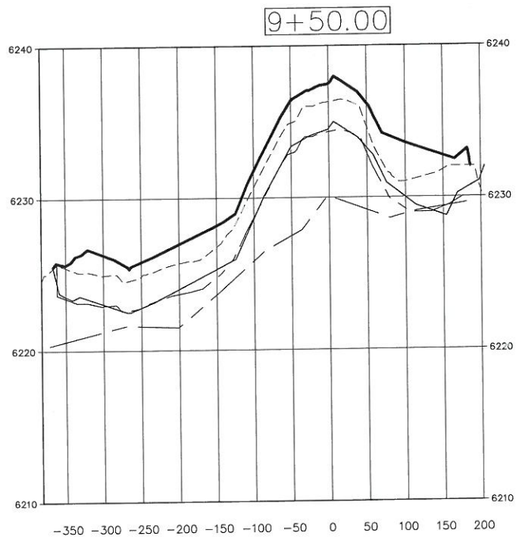
CROSS SECTIONS

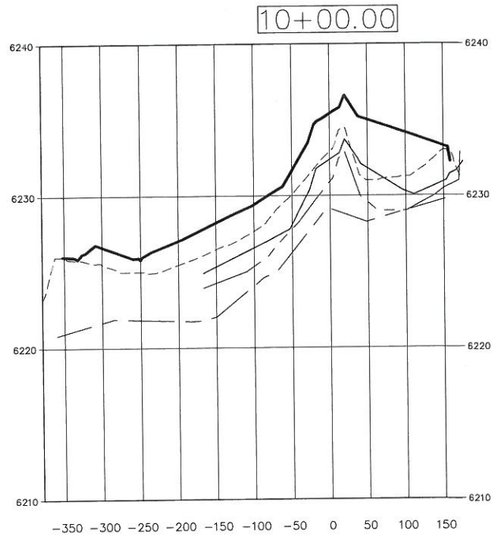
SHEET NO: XC-03

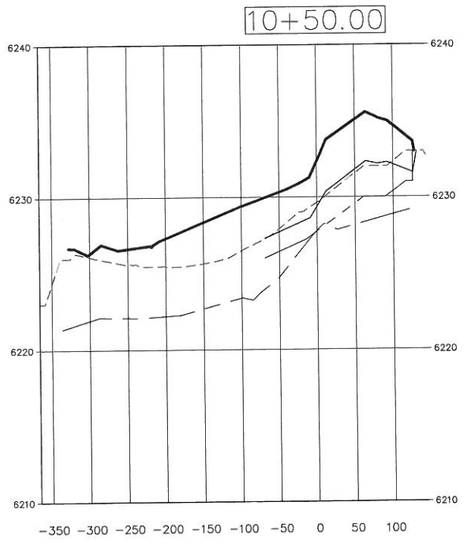
PAGE NO: 9

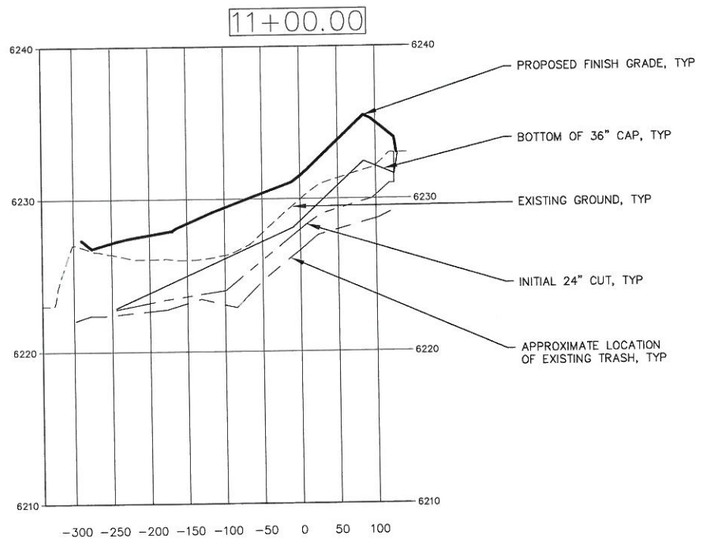
K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\XC-03.dwg, 4/29/2015 1:02:40 PM, gcox

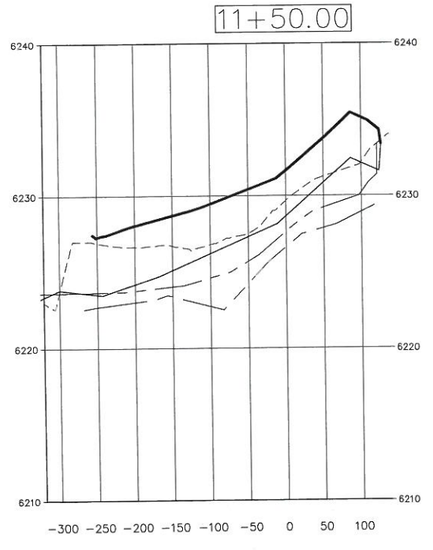












PROFILE SCALE
HORIZONTAL 1"= 100'
VERTICAL 1"= 5'

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the property of Forsgren Associates Inc. and shall not be used in any way without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER — REGISTERED — 11364 — STATE OF IDAHO — 4/29/2015

PROJECT NO.	01-13-0031
DRAWN	GWC
DESIGNED	MJP
APPROVED	K. HARRIS
QA/QC	

TETON COUNTY

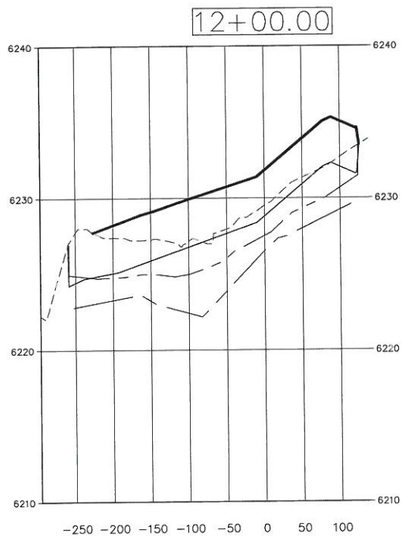
LANDFILL CAP REHABILITATION

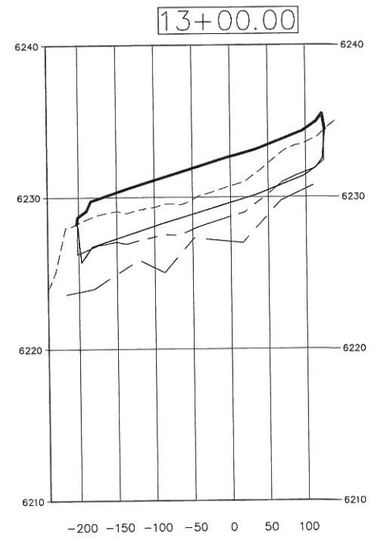
CROSS SECTIONS

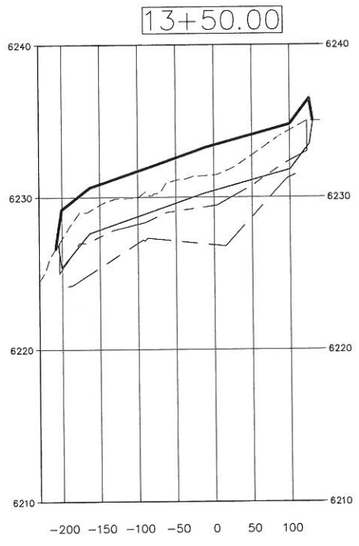
SHEET NO.: XC-04

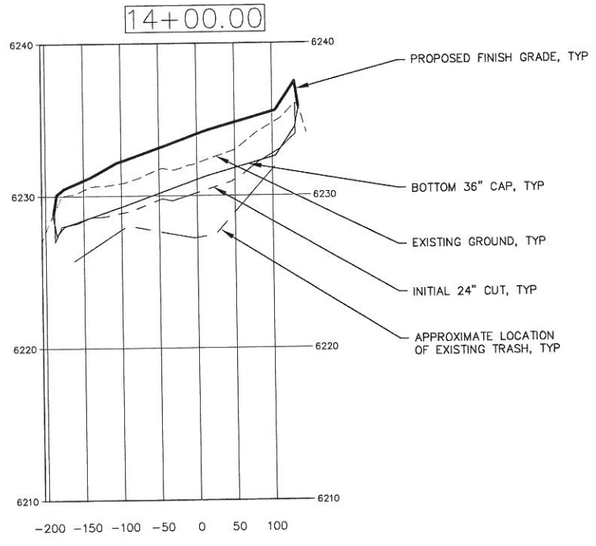
PAGE NO.: 10

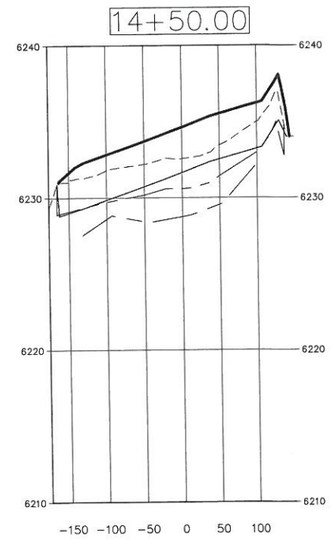
K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\XC-04.dwg, 4/29/2015 1:04:45 PM, gcox











PROFILE SCALE
HORIZONTAL 1"= 100'
VERTICAL 1"= 5'

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2"- SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document is and shall remain the property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

REGISTERED PROFESSIONAL ENGINEER
11364
4/29/2015
KEVIN L. HARRIS

PROJECT NO. 01-13-0031
DRAWN GUC
DESIGNED MJF
APPROVED K. HARRIS
QA/QC

TETON COUNTY

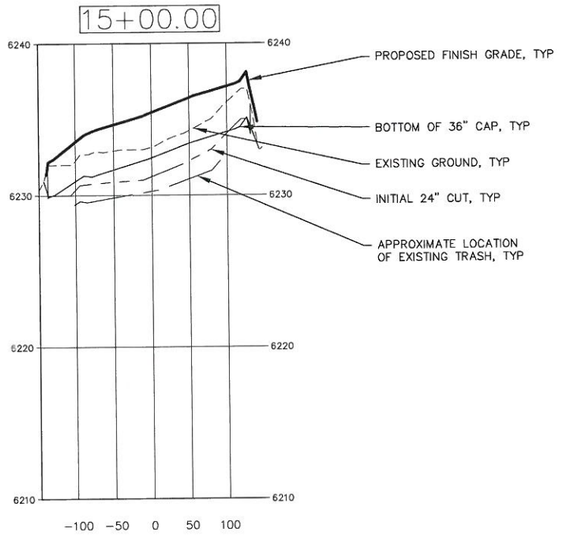
LANDFILL CAP REHABILITATION

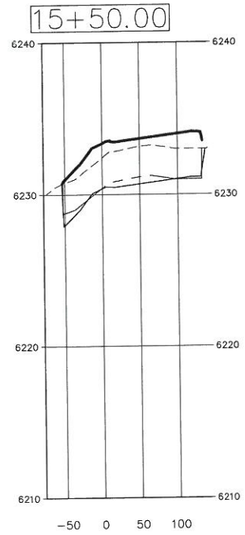
CROSS SECTIONS

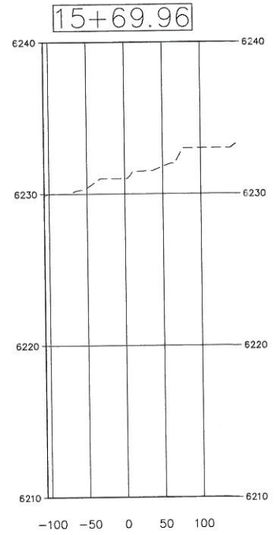
SHEET NO.: XC-05

PAGE NO.: 11

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\XC-05.dwg, 4/29/2015 1:06:50 PM, gcox







PROFILE SCALE
HORIZONTAL 1"= 100'
VERTICAL 1"= 5'

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER REGISTERED STATE OF IDAHO 11364 4/29/2015 KEVIN L. HARRIS

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED MJP
APPROVED K. HARRIS
QA/QC

TETON COUNTY

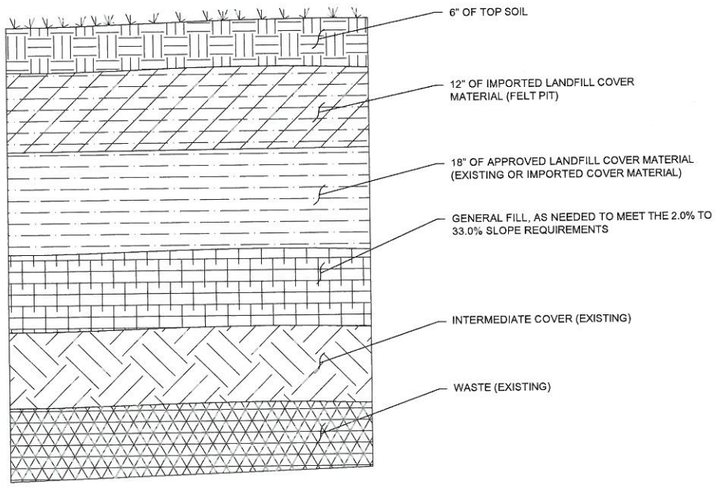
LANDFILL CAP REHABILITATION

CROSS SECTIONS

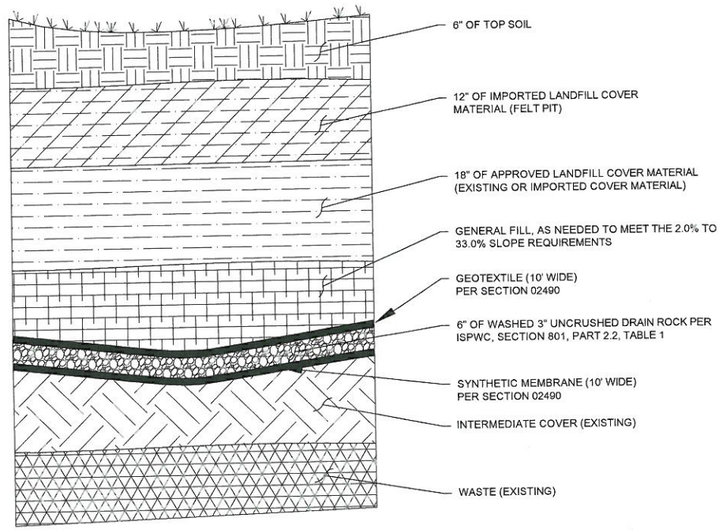
SHEET NO.: XC-06

PAGE NO.: 12

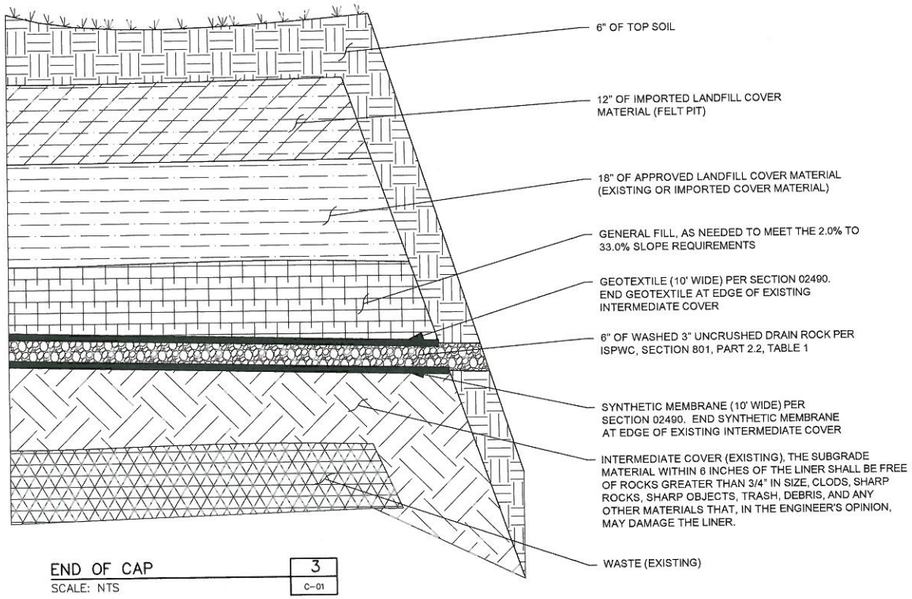
K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\XC-06.dwg, 4/29/2015 1:07:24 PM, gcox



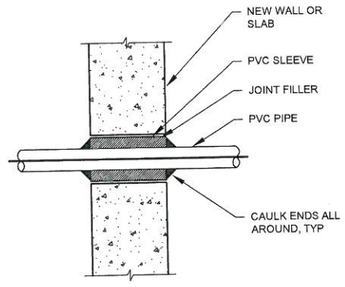
COVER PROFILE 1 C-01
SCALE: NTS



DRAINAGE SWALE 2 C-01
SCALE: NTS



END OF CAP 3 C-01
SCALE: NTS



PVC PIPE PENETRATION DETAIL 4 D-02
SCALE: NTS

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design concept is the personal property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

PROFESSIONAL ENGINEER REGISTERED PROFESSIONAL ENGINEER 11364 4/29/2015 NO. KEVIN L. HARRIS

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED MJP
APPROVED K. HARRIS
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

DETAILS

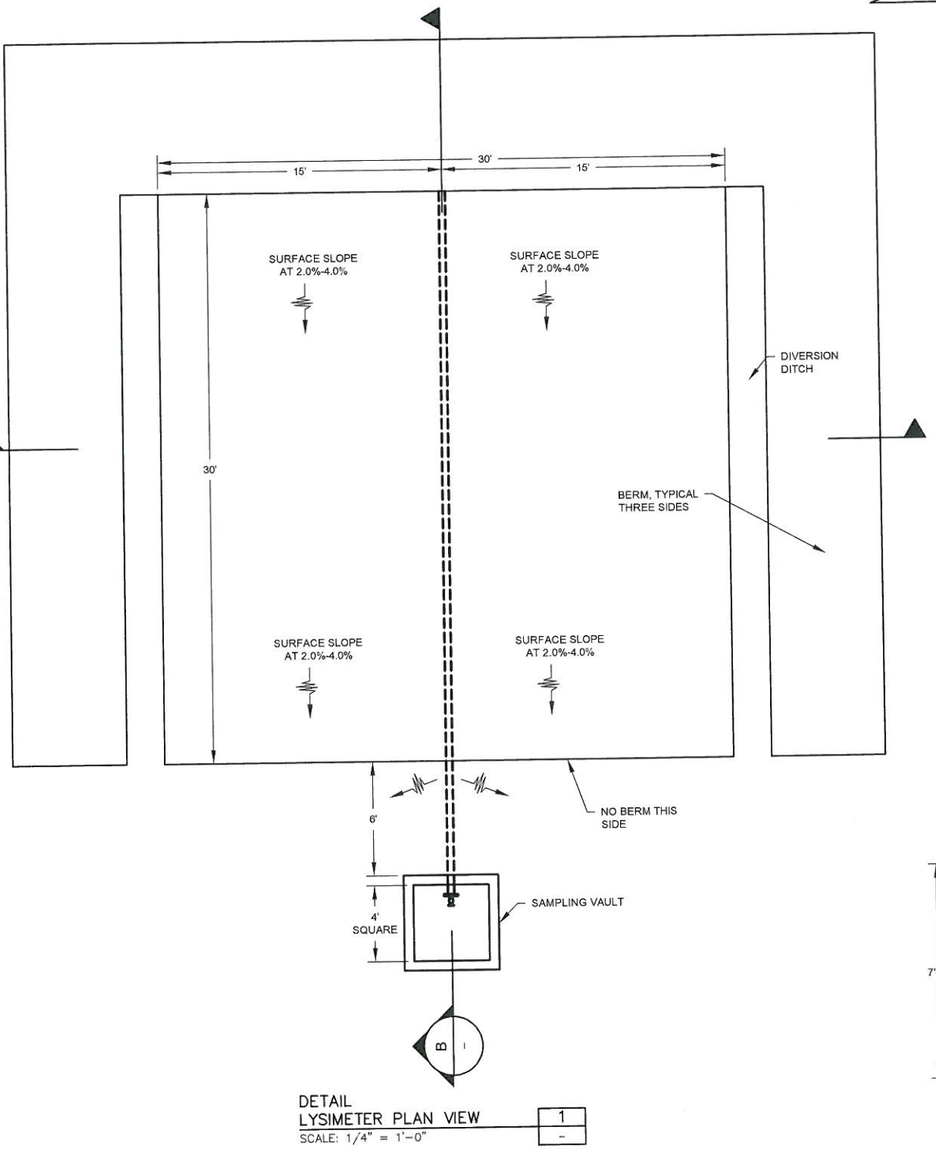
SHEET NO.: D-01
PAGE NO.: 13

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\Civil\D-01.dwg, 4/29/2015 3:05:39 PM, gcox

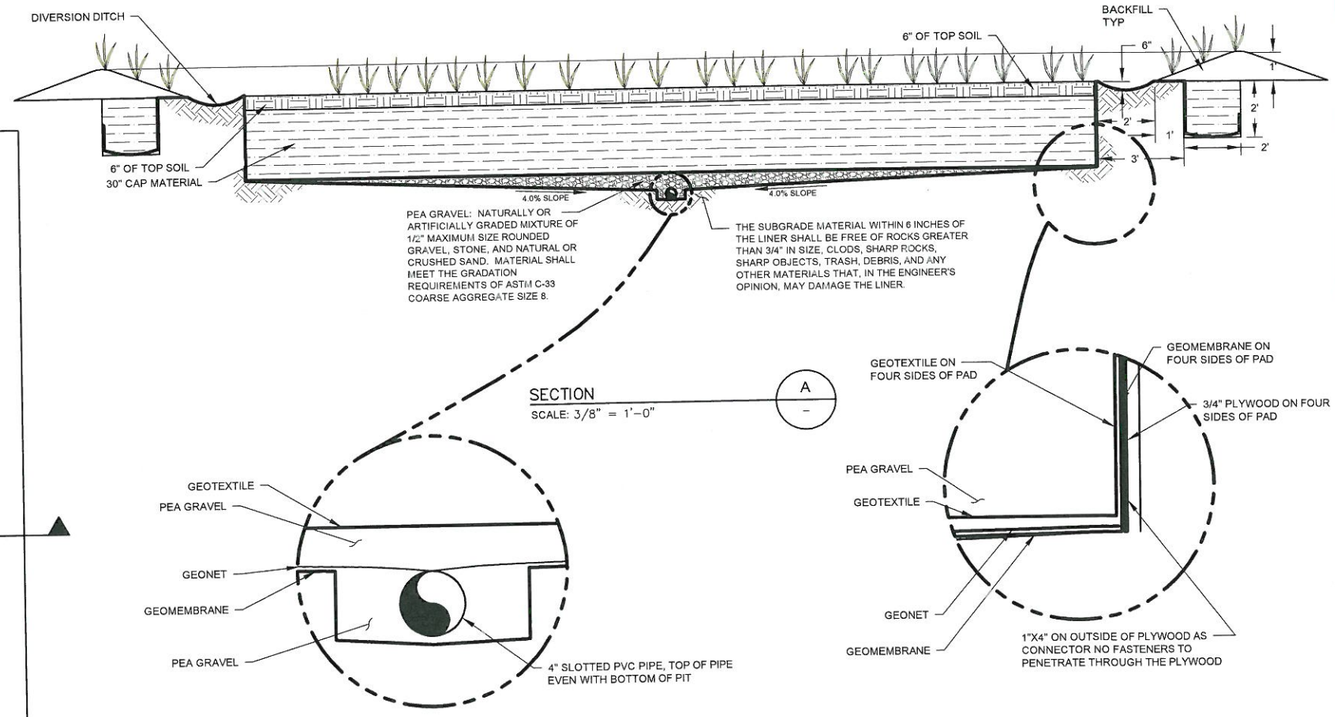
TEST PAD #1- CAP MATERIAL COMPOSED OF 18" APPROVED LANDFILL CAP MATERIAL AND 12" OF FELT PIT MATERIAL PLACED IN SAME CONFIGURATION AS LANDFILL CAP. MATERIAL USED MUST BE APPROVED BY ENGINEER.

TEST PAD #2- CAP MATERIAL COMPOSED OF MATERIAL REMOVED FROM CAP THAT HAS BEEN CLASSIFIED AS FINE GRAINED SOIL WITH LITTLE OR NO COBBLES AND/OR GRAVELS DIRECTED BY THE ENGINEER. CONTRACTOR TO REPLACE MATERIAL REMOVED FROM CAP WITH ACCEPTABLE MATERIAL AS DIRECTED BY THE ENGINEER.

TEST PAD #3- CAP MATERIAL COMPOSED OF MATERIAL REMOVED FROM CAP THAT HAS BEEN CLASSIFIED AS FINE-GRADED SOIL WITH SOME COBBLES AND /OR GRAVEL AS DIRECTED BY THE ENGINEER. CONTRACTOR TO REPLACE MATERIAL REMOVED FROM CAP WITH ACCEPTABLE MATERIAL AS DIRECTED BY THE ENGINEER.

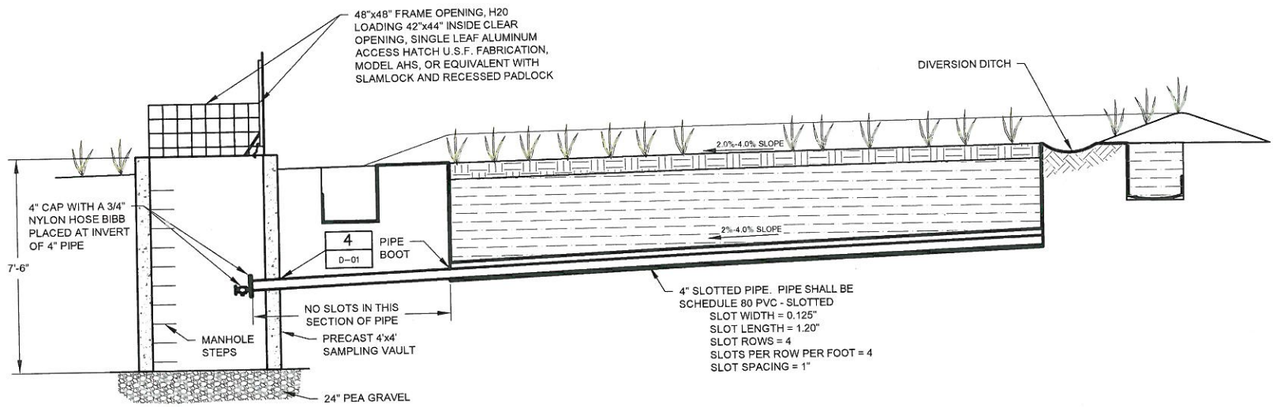


DETAIL
LYSIMETER PLAN VIEW 1
SCALE: 1/4" = 1'-0"



SECTION A
SCALE: 3/8" = 1'-0"

NOTE: SEE SECTION 02490 FOR LINER, GEONET, GEOTEXTILE, AND PIPE BOOT MATERIAL AND INSTALLATION REQUIREMENTS



SECTION B
SCALE: 3/8" = 1'-0"

ATTENTION
LINE IS 2 INCHES
AT FULL SIZE
(IF NOT 2" - SCALE ACCORDINGLY)

NO.	REVISIONS	BY	DATE

This document or any part thereof in detail or design and all ideas and arrangements represented thereon, is the property of Forsgren Associates Inc. and shall not be copied without the written authorization of Forsgren Associates Inc.

FORSGREN Associates Inc.
350 NORTH 2ND EAST, REXBURG, ID 83440
PH: 208.356.9201 FAX: 208.356.0206

REGISTERED PROFESSIONAL ENGINEER
11364
IDAHO
KEVIN L. HARRIS
4/29/2015

PROJECT NO. 01-13-0031
DRAWN GWC
DESIGNED MJP
APPROVED K. HARRIS
QA/QC

TETON COUNTY

LANDFILL CAP REHABILITATION

DETAILS

SHEET NO: D-02

PAGE NO.: 14

K:\Teton County\01-13-0031 Teton County Landfill Cap Rehabilitation\400 Prelim\9000 CAD\Sheets\CivilD-02.dwg, 4/29/2015 3:06:20 PM, gcox