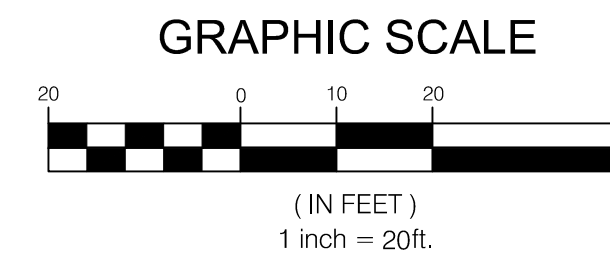
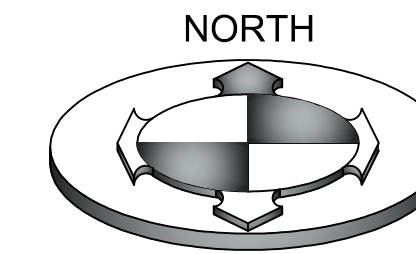


MOUNTAINS EDGE SUBDIVISION

LOCATED IN THE NORTHWEST QUARTER OF SECTION 23,
TOWNSHIP 5 NORTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
WEBER COUNTY, UTAH



DEVELOPER: BROCK LOOMIS
ADDRESS: 5809 SKYLINE DRIVE
SOUTH OGDEN, UT 84403
TELEPHONE: 801-814-1914
EMAIL: brock@benchmarkcivil.com


ENGINEER: BENCHMARK ENGINEERING & LAND SURVEYING
CONTACT: BROCK LOOMIS
ADDRESS: 9130 SOUTH STATE STREET, SUITE 101
SANDY, UT 84070
TELEPHONE: 801-814-1914
EMAIL: brock@benchmarkcivil.com

SURVEYOR: BENCHMARK ENGINEERING & LAND SURVEYING
CONTACT: KAGAN DIXON
ADDRESS: 9130 SOUTH STATE STREET, SUITE 101
SANDY, UT 84070
TELEPHONE: 801-542-7192
EMAIL: kagan@benchmarkcivil.com

DRAWING INDEX

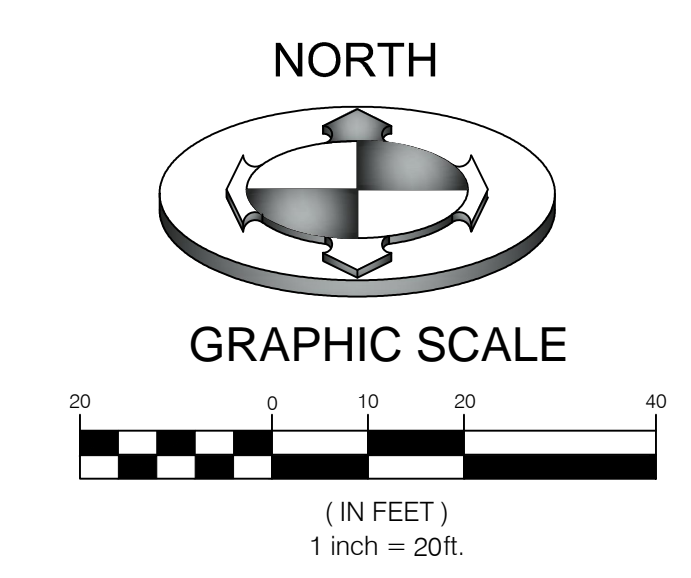
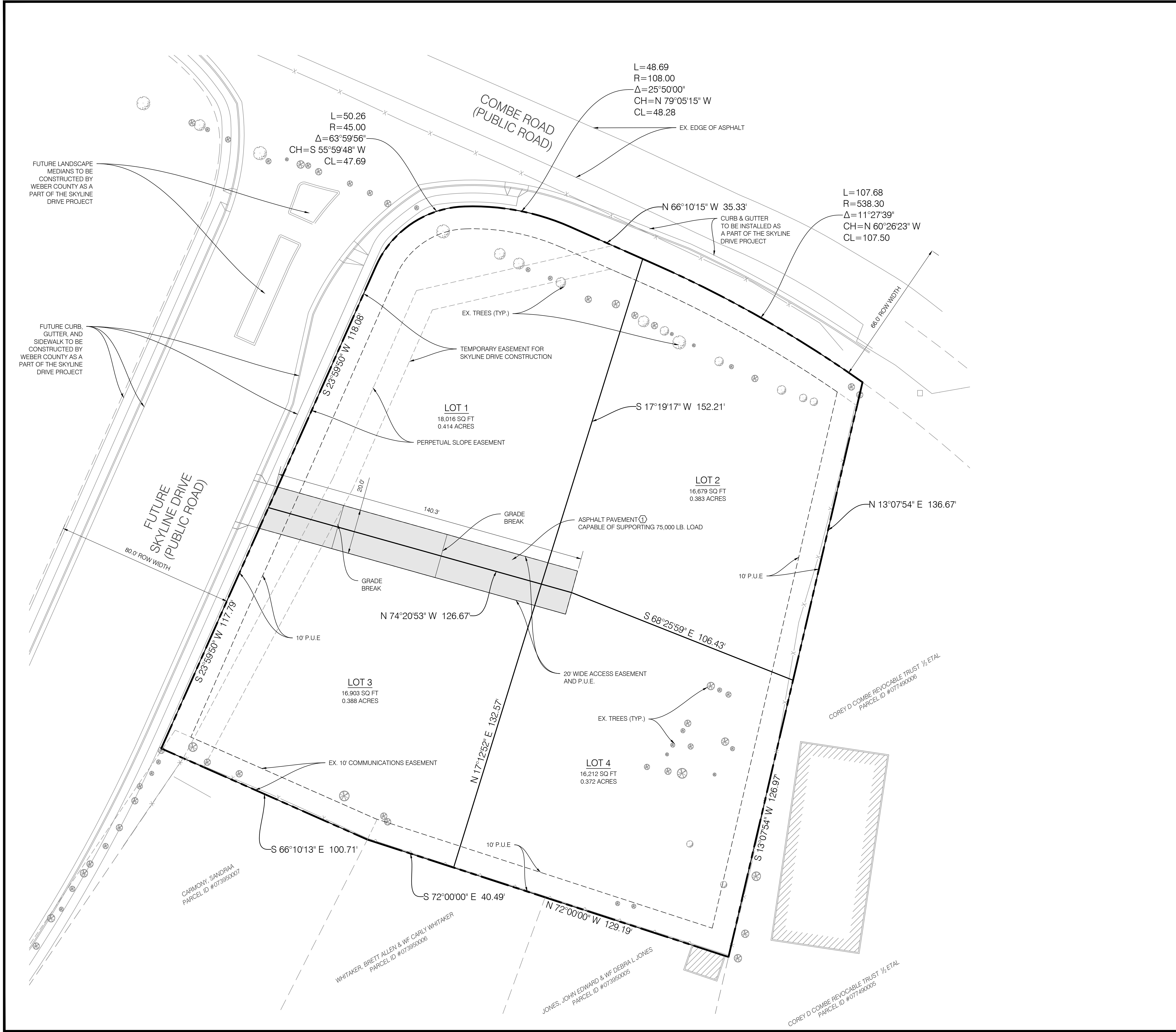
COVER	COVER SHEET
CGN.01	GENERAL NOTES, LEGEND & ABBREVIATIONS
CSP.01	SITE PLAN
CUP.01	UTILITY PLAN
CGD.01	GRADING AND DRAINAGE PLAN
CEP.01	EROSION CONTROL PLAN
CEP.02	SWPP NOTES
CEP.03	BMP DETAILS
CEP.04	BMP DETAILS
CDT.01	DETAILS & NOTES

PRELIMINARY CIVIL CONSTRUCTION PLANS



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ENGINEERING &
LAND SURVEYING**
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MOUNTAINS EDGE SUBDIVISION 2060 EAST RYAN CIRCLE WEBER COUNTY, UTAH		<table border="1" style="font-size: 8px;"> <tr> <th>DRWGT BCL</th> <th>DESIGN BCL</th> <th>CHECK BCL</th> </tr> <tr> <td>DATE: 02/01/2016</td> <td>DATE: 02/01/2016</td> <td>DATE: 02/01/2016</td> </tr> </table>	DRWGT BCL	DESIGN BCL	CHECK BCL	DATE: 02/01/2016	DATE: 02/01/2016	DATE: 02/01/2016	PROJECT NO: 1512208
DRWGT BCL	DESIGN BCL	CHECK BCL							
DATE: 02/01/2016	DATE: 02/01/2016	DATE: 02/01/2016							
No.	DATE	DESCRIPTION	COVER						
1 OF 8									



CONSTRUCTION KEY NOTES REFERENCE

NO.	DESCRIPTION	DETAIL
①	ASPHALT PAVEMENT WITH GRANULAR BASE.	4/CDT.01

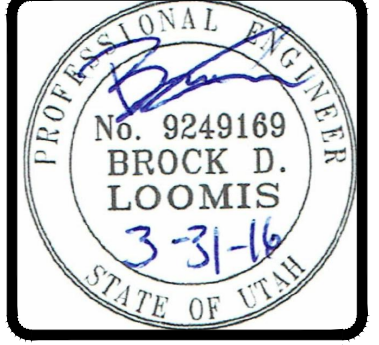
AREA TABLE

PARTICULARS	S.F.	%
BUILDING*	10,000	14.8
HARDSCAPE**	4,414	6.5
LANDSCAPE	53,396	78.7
TOTAL	67,810	100

*ASSUMED 2,500 SQ. FT. PER HOME
**ASSUMED 400 SQ. FT. PER DRIVEWAY

NO.	DATE	DESCRIPTION
38116		CHANGES PER COUNTY REDLINES

BY	DATE	SCALE
BDL	02/02/2016	1512209SIB



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MOUNTAINS EDGE SUBDIVISION

2060 EAST RYAN CIRCLE
WEBER COUNTY, UTAH

NOTES:
ALL WORK WITHIN PUBLIC ROADS TO BE DONE IN STRICT ACCORDANCE WITH WEBER COUNTY STANDARDS AND SPECIFICATIONS

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PROJECT NO. 1512209

SITE PLAN

CSP.01
3 OF 8

PRELIMINARY

NORTHWEST CORNER OF SECTION 23,
TOWNSHIP 5 NORTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
FOUND BRASS CAP MONUMENT

PROPOSED CONTOURS SHOWN TIE IN TO THE BACK OF SIDEWALK
ELEVATIONS OF THE PROPOSED SKYLINE DRIVE PROJECT.
BACK OF SIDEWALK ELEVATION INFORMATION WAS PROVIDED BY JOB
ENGINEERS. IF ACTUAL ELEVATIONS ARE DIFFERENT THAN SHOWN
NOTIFY ENGINEER IMMEDIATELY FOR REDESIGN.

EX. 12" Ø RCP STORM DRAIN PIPE

EX. SDCB
RIM = 4827.96
FL (W) = 4825.27
FL (S) = 4825.48
12" RCP

MATCH EX.
34.48' BOW

MATCH EX.
33.27' BOW

EX. 12" Ø RCP STORM DRAIN PIPE

PROPOSED CONTOURS SHOWN TIE IN TO THE BACK OF
SIDEWALK ELEVATIONS OF THE PROPOSED SKYLINE
DRIVE PROJECT.
BACK OF SIDEWALK ELEVATION INFORMATION
PROVIDED WAS PROVIDED BY JOB ENGINEERS. IF
ACTUAL ELEVATIONS ARE DIFFERENT THAT SHOWN
NOTIFY ENGINEER IMMEDIATELY FOR REDESIGN.

LOT 3
16,903 SQ FT
0.388 ACRES

RETENTION POND NO. 2
1.25' DEEP
VOLUME PROVIDED = 5,217 CF

LOT 4
16,212 SQ FT
0.372 ACRES

LOT 1
18,016 SQ FT
0.414 ACRES

LOT 2
16,679 SQ FT
0.383 ACRES

RETENTION POND NO. 1
1.25' DEEP
VOLUME PROVIDED = 2,321 CF

EX. SDMH
RIM = 4839.05
FL (W) = 4831.00
FL (S) = 4830.94
12" RCP

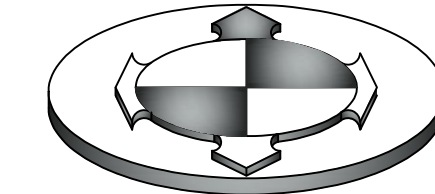
TIE IN TO EXISTING GRADES

EX. SDCB

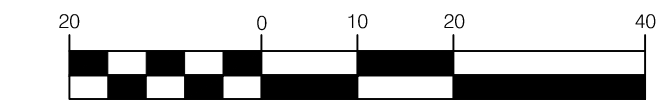
EX. SDCB

EX. SDCB

NORTH



GRAPHIC SCALE



(IN FEET)
1 inch = 20ft.

NOTES:
1. GRADE SITE TO ELEVATIONS AND CONTOURS
SHOWN ON PLANS.

STORM DRAINAGE CALCULATIONS Rational Method (Q=CIA)

Area Identification (A)	Rational Coefficient (C)	C*A
*Roof = 10,000	0.9	9000 SF.
**Pavement = 4,414	0.9	3972.6 SF.
Landscaping = 53,396	0.2	10679 SF.
Sum:		23652 SF.

NOAA ATLAS 14 - 100 YEAR STORM				Allowable Discharge = .00 cfs/acre	
Time (min)	Intensity (in/hr)	Rainfall (inches)	Rainfall Excess (cu.ft.)	Allowed (cu.ft.)	Volume to Detain (cu.ft.)
1440	0.158	3.79	7474	0	7474

* Assumed 2,500 sq. ft. per home
** Assumed 400 sq. ft. per driveway

STORMWATER RETENTION:

Retention Pond 1
Area 1 (A1) = 2365 s.f. Basin Depth (H): 1.25 ft
Area 2 (A2) = 1391 s.f.
Frustum of Pyramid: $V = \frac{h}{3} [A1 + A2 + (A1 * A2)^{1/2}] = 2321 \text{ cf}$

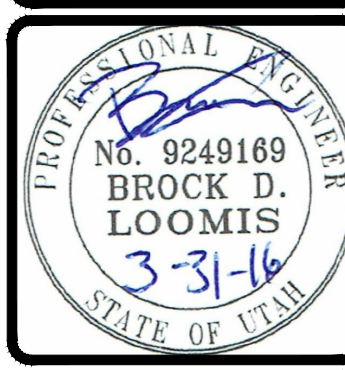
Retention Pond 2
Area 1 (A1) = 5206 s.f. Basin Depth (H): 1.25 ft
Area 2 (A2) = 3220 s.f.
Frustum of Pyramid: $V = \frac{h}{3} [A1 + A2 + (A1 * A2)^{1/2}] = 5217 \text{ cf}$

Total Retention Volume : 7,538 cf
Is there enough existing storm water storage? 7,474 cf YES

BASIS OF BEARINGS
S00°40'20"W 2645.02' (MEAS) 2844.94' (R2)
1031.62'

WEST QUARTER OF SECTION 23,
TOWNSHIP 5 NORTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
FOUND BRASS CAP MONUMENT

NO.	DATE	DESCRIPTION
1	03/11/16	CHANGES PER COUNTY REDLINES



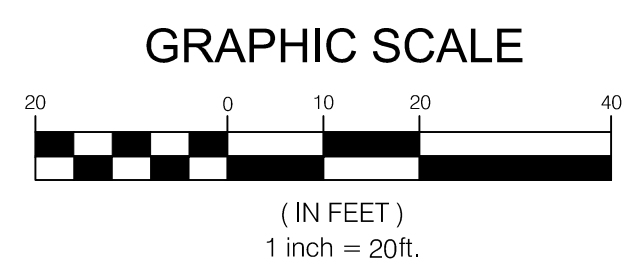
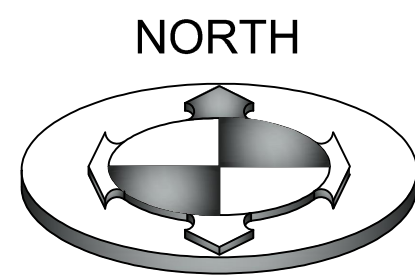
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910 SOUTH STATE STREET SUITE #100
SANDY, UTAH 84070 (801) 542-7192
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MOUNTAINS EDGE SUBDIVISION
2060 EAST RYAN CIRCLE
WEBER COUNTY, UTAH

PROJECT NO. 1512209
GRADING & DRAINAGE PLAN
CGD.01
5 OF 8

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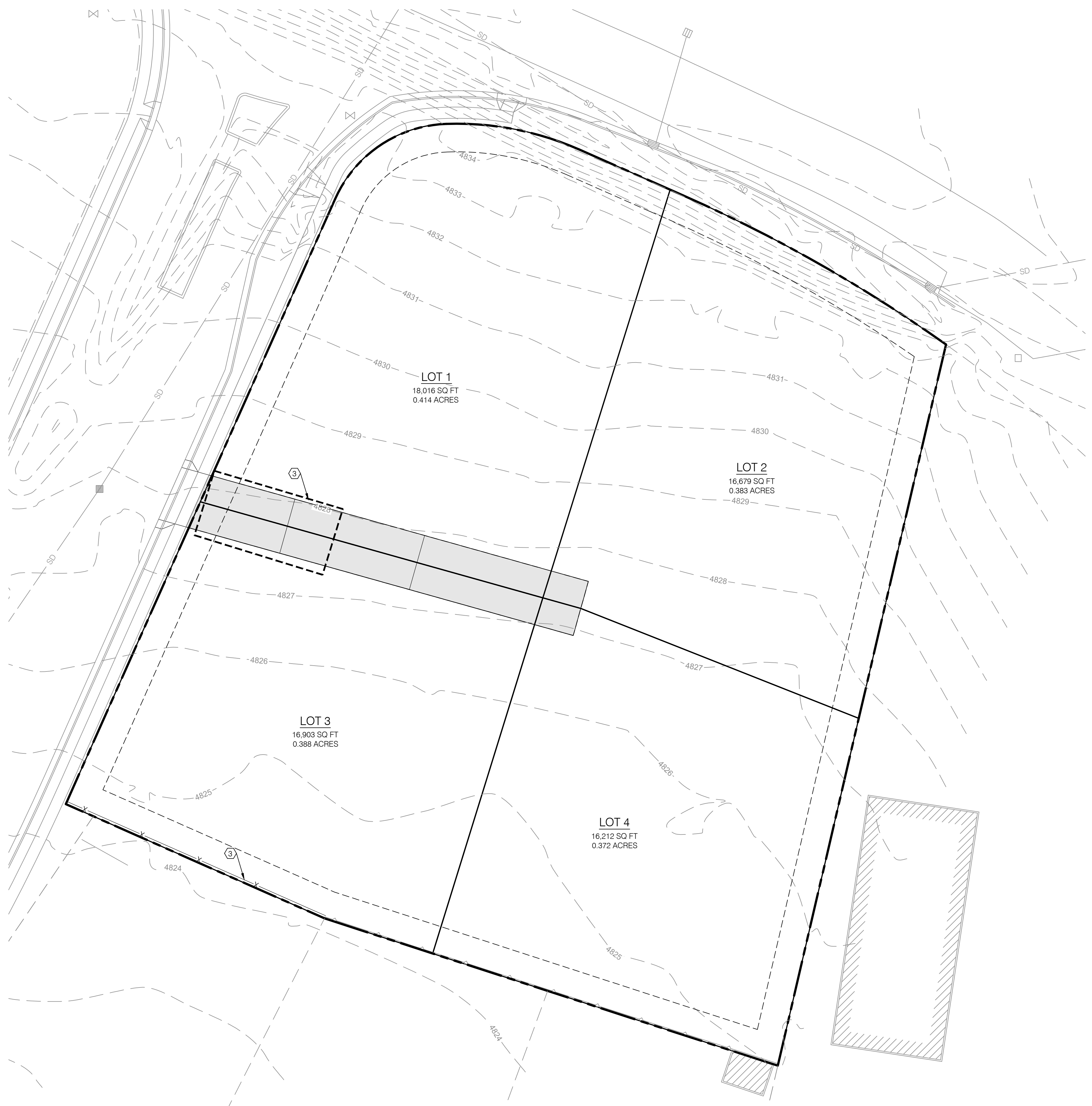
PRELIMINARY



SWPP KEY NOTES REFERENCE

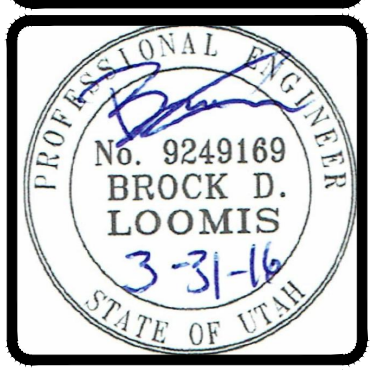
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED AND THE DETAILS NOTED AND AS SHOWN ON THE CONSTRUCTION DRAWINGS.

NO.	DESCRIPTION	DETAIL
①	SEDIMENT BARRIER	3/CDT.03
②	TEMPORARY CONSTRUCTION ENTRANCE	2/CDT.03
③	SILT FENCE	1/CDT.03



DESCRIPTION	DATE	BY
CHANGES PER COUNTY REDLINES	3/31/16	BDL
		SUREY
	02/02/2016	FILE
	1512209\$10	

SCALE MEASURES: INCH ON FULL SIZE SHEETS
ADJUST ACCORDINGLY FOR REDUCED SIZE SHEETS



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MOUNTAINS EDGE SUBDIVISION
 2060 EAST RYAN CIRCLE
 WEBER COUNTY, UTAH

PRELIMINARY PROJECT NO. 1512209
EROSION CONTROL PLAN
 CEP.01
 6 OF 8

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STORM WATER POLLUTION PREVENTION NOTES

STORMWATER POLLUTION PREVENTION PLAN SPECIFIC NOTES:

- THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) WAS DEVELOPED AT THE REQUEST OF THE OWNER FOR THE CONSTRUCTION OF A FOUR LOT RESIDENTIAL SUBDIVISION, IN THE WEBER COUNTY, STATE OF UTAH. THIS PLAN IDENTIFIES POTENTIAL SOURCES OF POLLUTANTS OF STORM WATER, PRESENTS POLLUTION CONTROL MEASURES, AND ASSISTS IN INSURING IMPLEMENTATION AND MAINTENANCE OF THE BEST MANAGEMENT PRACTICES BMPs INDICATED HEREIN.
- A NOTICE OF INTENT HAS BEEN FILED WITH THE STATE OF UTAH DEQ WATER QUALITY DIVISION BY THE OWNER SO THAT THIS CONSTRUCTION PROJECT MAY COVERED UNDER THE STATE GENERAL PERMIT. THE PERMIT IS NATIONAL POLLUTION DISCHARGE DELINEATION SYSTEM (NPDES) GENERAL PERMIT (NO. _____) FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY.
- IN THE EVENT OF A CHANGE IN OWNERSHIP, A NEW NOTICE OF INTENT SHALL BE FILED WITH THE UTAH DEQ WATER QUALITY DIVISION.
- IN THE EVENT OF A RELEASE OF A REPORTABLE QUANTITY OF A POLLUTANT, THE CONTRACTOR SHALL ADVISE THE OWNER TO NOTIFY THE NATIONAL RESPONSE CENTER AND WEBER COUNTY. THIS POLLUTION PREVENTION PLAN SHOULD BE REVISED TO REFLECT THE CHANGE IN CONDITIONS OF THE CONSTRUCTION ACTIVITY. A REPORTABLE QUANTITY IS ESTABLISHED BY 40 CODE OF FEDERAL REGULATIONS (CFR) 117.3 OR 40 CFR 302.4
- ALL CONTRACTORS AND THEIR PERSONNEL WHOSE WORK CAN CONTRIBUTE TO OR CAUSE POLLUTION OF STORM WATER SHOULD BE MADE FAMILIAR WITH THIS POLLUTION PREVENTION PLAN. ADEQUATE TRAINING PROVIDED BY THE PERMITEE FOR IMPLEMENTATION OF THE MEASURES PRESENTED HEREIN SHALL BE PROVIDED TO THE CONTRACTORS AND THEIR PERSONNEL.
- CHANGES IN CONSTRUCTION OR IN CONDITIONS WHICH ARE NOT COVERED BY THIS PLAN SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER. THIS POLLUTION PREVENTION PLAN WILL BE REVISED TO REFLECT THE CHANGE IN CONSTRUCTION OR IN CONDITIONS.
- ALL PREVENTION AND CLEAN UP MEASURES SHOULD BE CONDUCTED IN ACCORDANCE WITH WEBER COUNTY ORDINANCES, AS WELL AS STATE AND FEDERAL REGULATIONS. WASTE MATERIALS SHOULD BE DISPOSED OF IN A LEGAL MANNER. ALL DISCHARGERS OF STORM WATER MUST COMPLY WITH THE LAWFUL REQUIREMENTS OF WEBER COUNTY AND OTHER LOCAL AGENCIES REGARDING THE DISCHARGERS OF STORM WATER TO STORM DRAINS.
- THIS PLAN DOES NOT COVER THE REMOVAL OF HAZARDOUS OR TOXIC WASTE. IN THE EVENT OF A DISCHARGE OR RELEASE OF A REPORTABLE QUANTITY OF TOXIC WASTE, WORK SHOULD BE STOPPED UNTIL THE SPILL CAN BE ASSESSED AND A MITIGATION REPORT PREPARED BY A QUALIFIED ENVIRONMENTAL CONSULTANT, AND IF NECESSARY, REVIEWED BY ROY CITY AND ANY OTHER AGENCY HAVING JURISDICTION.
- THIS SWPPP SHALL BE MADE AVAILABLE TO THE PUBLIC UNDER SECTION 308(B) OF THE CLEAN WATER ACT, UPON REQUEST BY MEMBERS OF THE PUBLIC, THE DISCHARGER SHALL MAKE AVAILABLE FOR REVIEW A COPY OF THIS SWPPP EITHER TO DEQ OR DIRECTLY TO THE REQUESTER. THIS SWPPP MUST BE KEPT ON SITE DURING CONSTRUCTION ACTIVITY AND MADE AVAILABLE UPON REQUEST OF REPRESENTATIVE OF THE UTAH DEQ WATER QUALITY DIVISION/OR THE LOCAL AGENCY.
- CONTACTS

NAME:	BROCK LOOMIS
TELEPHONE:	(801) 814-1914
CIVIL ENGINEER:	BROCK LOOMIS P.E.
BENCHMARK ENGINEERING AND LAND SURVEYING	(801) 814-1914
9130 SOUTH STATE STREET SUITE# 100 SANDY, UTAH 84070	
WEBER COUNTY ENGINEER	JARED ANDERSEN
	(801) 399-8374
	JANDERSEN@CO.WEBER.UT.US
DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION OF WATER QUALITY 288 NORTH 1460 WEST P.O. BOX 144870 SALT LAKE CITY, UTAH 84114-4870	(801) 538-6951
U.S. EPA ENVIRONMENTAL PROTECTION AGENCY DENVER, COLORADO	REGION VIII 800-759-4372
ENVIRONMENTAL PROTECTION AGENCY WASHINGTON D.C. 20460	202-475-9518
- REFERENCES:
 - NA
- THE PROPOSED CONSTRUCTION ACTIVITY IS CONSTRUCTION OF A FOUR LOT SUBDIVISION.
- LOCATION OF THE SITE: THE PROJECT IS LOCATED IN THE NORTHWEST QUARTER OF SECTION 23, TOWNSHIP 5 NORTH, RANGE 1 WEST, SALT LAKE BASE AND MERIDIAN, WEBER COUNTY, UTAH
- STORM WATER WILL BE RETAINED IN THE YARDS OF THE LOTS.
- THE PROPOSED SITE WILL CONSIST OF A FOUR LOT RESIDENTIAL SUBDIVISION. PRE CONSTRUCTION RUNOFF COEFFICIENT C_d 0.2 AND POST CONSTRUCTION RUNOFF COEFFICIENT WILL BE IN THE RANGE OF C_d=0.35
- SEE IMPROVEMENT PLANS

START DATE: AUGUST 2016
FINISH DATE: OCTOBER 2016

STORM WATER POLLUTION PREVENTION PLAN GENERAL NOTES

A. PROHIBITION ON MOST NON-STORM WATER DISCHARGES

ONLY STORM WATER FROM THE PROJECT SITE SHALL BE ALLOWED TO FLOW INTO THE ON-SITE STORM DRAIN SYSTEM. CLEAN, NON-CHLORINATED WATER FROM THE FLUSHING OF FIRE HYDRANTS, WATER MAINS, AND STORM DRAINS MAY BE DISCHARGED TO THE STORM DRAIN IF IT IS NOT ALLOWED TO COLLECT DIRT, DEBRIS, AND TRASH WHILE FOLLOWING TO A STORM DRAIN INLET.

B. SOURCES OF STORM WATER POLLUTANTS

STORM WATER POLLUTANTS INCLUDE SOIL SEDIMENT AND NUTRIENTS, OIL, GREASE, TOXIC POLLUTANTS, AND HEAVY METALS. SOURCES OF STORM WATER POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO SOIL EROSION BY WATER AND/OR WIND; CLEARING OF VEGETATION; GRADING; VEHICLE AND EQUIPMENT; PAINTS, SOLVENTS AND ADHESIVES; AND LANDSCAPING WORK.

C. EROSION AND SEDIMENT CONTROLS

- COVER EXPOSED STOCKPILES OF SOILS, CONSTRUCTION AND LANDSCAPING MATERIAL WITH HEAVY PLASTIC SHEETING.
- IN LANDSCAPING AREAS WHERE THE VEGETATION HAS NOT ESTABLISHED GROWTH AND TAKEN HOLD, CONSTRUCT SANDBAG OF DIRT BERMS AROUND THEIR PERIMETER TO INSURE THAT WATER WILL BE CONTAINED INSIDE THE LANDSCAPING AREA AND THAT IT WILL NOT BE CONVEYED TO A STORM DRAIN INLET.
- RE-VEGETATE AREAS WHERE LANDSCAPING HAS DIED OF NOT TAKEN HOLD.
- DIVERT STORM WATER RUNOFF AROUND DISTURBED SOILS WITH BERMS OF DIRT SWALES.

D. OTHER CONTROLS

- WASTE DISPOSAL
- KEEP WASTE DISPOSAL CONTAINERS COVERED.
- PROVIDE FOR THE WEEKLY (OR MORE FREQUENT, IF NECESSARY) DISPOSAL OF WASTE CONTAINERS.
- PROVIDE CONTAINERS AT CONVENIENT LOCATIONS AROUND THE SITE.
- SWEEPING OF SITE
- PROVIDE DAILY SWEEPING BY HAND OF MECHANICAL MEANS (IF NEEDED) TO KEEP THE PAVED AREAS OF THE SITE FREE OF DUST, DIRT, AND DEBRIS.
- DISPOSE OF ACCUMULATED DIRT IN WASTE CONTAINERS, OR HAUL IT OFF THE SITE TO A LANDFILL.
- SANITARY/SEPTIC DISPOSAL

PORTABLE TOILETS AND OTHER SANITARY FACILITIES SHALL BE SERVICED WEEKLY AND PUMPED CLEAN BY A WASTE DISPOSAL COMPANY. NO TOXIC OR HAZARDOUS WASTE SHALL BE DISPOSED IN A PORTABLE TOILET OF IN THE ON-SITE SANITARY SEWER.
- SPILLS

A. STORE ADEQUATE ABSORBENT MATERIALS, RAGS, BROOMS, SHOVELS, AND WASTE CONTAINERS ON THE SITE TO CLEAN-UP SPILLS OF MATERIAL SUCH AS FUEL, PAINT, SOLVENTS, OR CLEANERS. CLEAN UP MINOR SPILLS IMMEDIATELY.

B. FOR REPORTABLE QUANTITY OF HAZARDOUS OR TOXIC SUBSTANCE, SECURE THE SERVICES OF QUALIFIED PERSONNEL OF CLEAN-UP AND DISPOSAL.

C. VEHICLES AND EQUIPMENT

A. FIX LEAKS OF FUEL, OIL AND OTHER SUBSTANCES IMMEDIATELY.

B. PERFORM REFUELING AND SERVICE OF VEHICLE OR EQUIPMENT OFF-SITE WHEN POSSIBLE. IF REFUELING OR SERVICE OF EQUIPMENT IS PERFORMED ON-SITE, THEN PROVIDE AN IMPERVIOUS, CONTAINED AREA WHERE ANY SPILLS CAN BE CONTAINED WITHOUT FLOWING TO A STORM WATER THE GROUND.
- USE DRIP PANS TO CATCH LEAKS AND SMALL SPILLS.
- CONCRETE TRUCKS, MIXERS AND HANDLING EQUIPMENT

A. DO NOT DISPOSE OF WASHOUT FROM THE WASHING OF CONCRETE TRUCKS, MIXERS, AND HANDLING EQUIPMENT WHERE IT WILL FLOW INTO A STORM WATER INLET OR INTO A PUBLIC STREET.

B. PROVIDE A HOLDING TANK TO RECEIVE ANY WASHOUT FROM CONCRETE EQUIPMENT. DISPOSAL OF TANK CONTENTS SHOULD BE CONDUCTED BY A WASTE HANDLING FIRM.

C. PROVIDE A DESIGNATED AREA FOR WASHING ANY VEHICLES OR EQUIPMENT, DRAINED FROM THIS AREA SHOULD FLOW TO THE HOLDING TANK.
- LANDSCAPING OPERATIONS

A. USE ONLY THE MINIMUM AMOUNT OF LANDSCAPE AREAS. MINIMIZE RUNOFF OF IRRIGATION WATER FROM LANDSCAPING.

B. DO NOT OVER WATER FERTILIZED OF TREATED LANDSCAPE AREAS. MINIMIZE RUNOFF OF IRRIGATION WATER FROM LANDSCAPING.
- STORM WATER INLETS

KEEP ALL ON-SITE STORM WATER INLETS CLEAN AND FREE OF DIRT AND DEBRIS. IN THE EVENT THAT SEDIMENT AND DEBRIS MAY FLOW TO AN INLET, PROVIDE AN 18-INCH (MINIMUM) STRAIN BARRIER AROUND THE INLET TO TRAP THE DIRT AND DEBRIS AND ALLOW ONLY CLEAN STORM WATER TO ENTER THE INLET.

E. INSPECTION

- REGULAR INTERVAL INSPECTION AND INSPECTION BEFORE AND AFTER STORMS
 - VISUALLY INSPECT THE SITE WEEKLY TO INSURE THAT STORM WATER INLETS ARE FREE OF DIRT AND DEBRIS.
 - BEFORE A STORM, INSPECT THE SITE TO INSURE THAT STORM WATER POLLUTION CONTROL MEASURES ARE IN PLACE.
 - AFTER A STORM, INSPECT ALL STORM WATER INLETS TO INSURE THAT THEY ARE CLEAR OF DIRT AND DEBRIS. CLEAN THOSE STORM WATER INLETS THAT ARE NOT CLEAR AND FREE OF DEBRIS.
 - THE UTAH DEQ WATER QUALITY DIVISION MAY REQUIRE THE DISCHARGER TO CONDUCT ADDITIONAL SITE INSPECTIONS, SUBMIT REPORTS AND CERTIFICATIONS, OR TO PERFORM SAMPLING AND ANALYSIS.
- ALL DISCHARGERS ARE REQUIRED TO CONDUCT INSPECTIONS OF THE CONSTRUCTION SITE PRIOR TO ANTICIPATED STORM EVENTS AND AFTER ACTUAL STORM EVENTS, TO IDENTIFY AREAS CONTRIBUTING TO A STORM TO A STORM WATER DISCHARGE. TO EVALUATE WHETHER MEASURES TO REDUCE POLLUTANT LOADINGS IDENTIFIED IN THIS SWPP ARE ADEQUATE, TO PROPERLY IMPLEMENT IN ACCORDANCE WITH THE TERMS OF THE GENERAL PERMIT, AND TO DETERMINE WHETHER ADDITIONAL CONTROL PRACTICES ARE NEEDED.
- PREPARATION OF REPORTS AND RETENTION OF RECORDS.
 - EACH DISCHARGER MUST CERTIFY ANNUALLY THAT ITS CONSTRUCTION ACTIVITY IS IN COMPLIANCE WITH THE REQUIREMENTS OF THE GENERAL PERMIT AND THIS SWPPP. THIS CERTIFICATION MUST BE BASED ON THE SITE INSPECTIONS. THE FIRST CERTIFICATION MUST BE COMPLETED BY MAY 1, 2010, AND EACH MAY 1 THEREAFTER.
 - THE DISCHARGER IS REQUIRED TO RETAIN RECORDS OF ALL MONITORING INFORMATION, COPIES OF ALL REPORTS REQUIRED BY THIS GENERAL PERMIT, AND RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT FOR CONSTRUCTION ACTIVITY FOR A PERIOD OF AT LEAST THREE YEARS. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE STATE, WITH THE EXCEPTION OF NONCOMPLIANCE REPORTING. DISCHARGERS ARE NOT REQUIRED TO SUBMIT THE RECORDS EXCEPT UPON SPECIFIC REQUEST BY THE STATE DEQ DIVISION OF WATER QUALITY.
 - DISCHARGERS WHO CANNOT CERTIFY COMPLIANCE MUST NOTIFY THE STATE DEQ DIVISION OF WATER QUALITY. THIS NOTIFICATION SHALL IDENTIFY THE TYPE OR TYPES OF NONCOMPLIANCE, DESCRIBE THE ACTIONS NECESSARY TO ACHIEVE COMPLIANCE, AND INCLUDE A TIME SCHEDULE. SUBJECT TO THE MODIFICATIONS BY THE STATE DEQ DIVISION OF WATER QUALITY, INDICATION WHEN COMPLIANCE WILL BE ACHIEVED. NONCOMPLIANCE REPORTS MUST BE SUBMITTED WITHIN 30 DAYS OF THE IDENTIFICATION OF THE NONCOMPLIANCE.
- MAINTENANCE OF CONTROLS
 - MAINTENANCE AND REPAIR

ALL CONTROLS AND MEASURES INDICATED ON THIS PLAN SHOULD BE MAINTAINED IN GOOD AND EFFECTIVE CONDITION. IF ANY CONTROLS OR MEASURES ARE DAMAGED OR REMOVED, THEY SHOULD BE PROMPTLY REPAIRED OR RESTORED.
 - PLAN REVISIONS

IF CONSTRUCTION ACTIVITY OR CONDITIONS CHANGE FROM THOSE SHOWN IN THIS PLAN, THEN THIS PLAN SHALL BE REVISED TO REFLECT THE CURRENT CONDITIONS.
- STABILIZATION PRACTICES (NOT APPLICABLE TO THIS SITE)
 - STABILIZATION PRACTICES MAY INCLUDE: TEMPORARY SEEDING, PERMANENT SEEDING, MULCHING, GEOTEXTILES, SOD STABILIZATION, VEGETATIVE BUFFER STRIPS, PROTECTION OF TREES, PRESERVATION OF MATURE VEGETATION AND OTHER APPROPRIATE MEASURES. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED EXCEPT AS NOTED BELOW.

-WHERE THE INITIATION OF STABILIZED MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASED IS PRECLUDED BY SNOW COVER OR FROZEN GROUND CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL.

-WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
 - FINAL STABILIZATION AND POST-CONSTRUCTION CONTROLS
 - AFTER CONSTRUCTION HAS BEEN COMPLETED, THE SITE SHALL BE SWEEP CLEAN, STORM WATER INLETS (GRATES AND BASINS) SHALL BE CLEANED, AND ALL WASTE AND LEFTOVER MATERIALS SHALL BE REMOVED FROM THE SITE.
 - ALL LANDSCAPING AND PLANTING ARE SHOULD BE WELL MAINTAINED TO PREVENT EROSION, AVOID OVER WATERING OF LANDSCAPING.
 - ALL PAVED AREAS SHOULD BE SWEEP WEEKLY EITHER BY HAND OR BY MECHANICAL MEANS TO KEEP THE SITE CLEAR OF DIRT, DUST, AND DEBRIS.
 - WATER MATERIALS ON-SITE SHOULD BE STORED IN COVERED CONTAINERS WHICH ARE CLEANED OUT REGULARLY.
 - TESTING OF FIRE HYDRANTS ON-SITE SHALL NOT BE CONDUCTED UNTIL THE AREA WHERE THE WATER DISCHARGES HAS BEEN SWEEP CLEAN OF DIRT AND DEBRIS.
 - STORM DRAIN LINES SHOULD BE CHECKED AND CLEANED ANNUALLY TO KEEP THEM CLEAN AND CLEAR OF DEBRIS.
 - ALL ON-SITE STORM WATER INLETS SHOULD BE CLEARLY MARKED "STORM WATER ONLY".
- COMPLETION OF CONSTRUCTION ACTIVITIES AND NOTICE OF TERMINATION

WHEN CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED ON THIS SITE, THE OWNER SHALL FILE A LETTER WITH THE STATE DEQ DIVISION OF WATER QUALITY. HIS LETTER SHALL CERTIFY THAT THE CONSTRUCTION ACTIVITY HAS BEEN COMPLETED, THAT ALL ELEMENTS OF THE SWPPP HAVE BEEN IMPLEMENTED, THAT CONSTRUCTION AND EQUIPMENT MAINTENANCE WASTES HAVE BEEN DISPOSED OF PROPERLY, THAT THE SITE IS IN COMPLIANCE WITH ALL LOCAL STORM WATER REQUIREMENTS INCLUDING EROSION/SEDIMENT CONTROL REQUIREMENTS, POLICIES, AND GUIDELINES.

DEFINITIONS

- BEST MANAGEMENT PRACTICES (BMPs) MEANS SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, MAINTENANCE PROCEDURES, AND OTHER MANAGEMENT PRACTICES TO PREVENT OR REDUCE THE POLLUTION OF WATERS OF THE UNITED STATES. BMPs ALSO INCLUDE TREATMENT REQUIREMENTS, OPERATING PROCEDURES, AND PRACTICES TO CONTROL SITE RUNOFF, SPILLAGE OR LEAKS, WASTE DISPOSAL, OR DRAINAGE FROM RAW MATERIAL STORAGE.
- "CLEAN WATER ACT" (CWA) MEANS THE FEDERAL WATER POLLUTION CONTROL ACT ENACTED BY PUBLIC LAW 92-500 AS AMENDED BY PUBLIC LAWS 95-217, 95-576, 96-483, AND 97-111; 33 USC 1251 ET SEQ.
- "CONSTRUCTION SITE" IS THE LOCATION OF THE CONSTRUCTION ACTIVITY.
- "NON-STORM WATER DISCHARGE" MEANS ANY DISCHARGE TO STORM DRAIN SYSTEM THAT IS NOT COMPOSED ENTIRELY OF STORM WATER EXCEPT DISCHARGE PURSUANT TO AND NPDES PERMIT AND DISCHARGES RESULTING FROM FIRE FIGHTING ACTIVITIES.
- "SIGNIFICANT MATERIALS" INCLUDES, BUT IS NOT LIMITED TO RAW MATERIAL; FUELS; MATERIALS SUCH AS SOLVENTS, DETERGENTS, AND PLASTIC PELLETS; FINISHED MATERIALS SUCH AS METALLIC PRODUCTS, RAW MATERIALS USED IN FOOD PROCESSING OR PRODUCTION HAZARDOUS SUBSTANCES DESIGNATED UNDER SECTION 101(14) OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA); ANY CHEMICAL THE FACILITY IS REQUIRED TO REPORT PURSUANT TO SECTION 313 OF TITLE III OF SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT(SARA); FERTILIZERS; PESTICIDES; AND WASTE PRODUCTS SUCH AS ASHES, SLAG, AND SLUDGE THAT HAVE THE POTENTIAL TO BE RELEASED WITH STORM WATER DISCHARGES.
- "SIGNIFICANT QUANTITIES" IS THE VOLUME, CONCENTRATIONS, OR MASS OF A POLLUTANT IN STORM WATER DISCHARGE THAT CAN CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; ADVERSELY IMPACT HUMAN HEALTH OR THE ENVIRONMENT; AND CAUSE CONTRIBUTE TO VIOLATION OF ANY APPLICABLE WATER QUALITY STANDARDS FOR THE RECEIVING WATER.
- "STORM WATER" MEANS STORM WATER RUNOFF, SNOW MELT RUNOFF, SURFACE RUNOFF AND DRAINAGE. IT EXCLUDES INFILTRATION AND RUNOFF FROM AGRICULTURAL LAND.
- "POLLUTION" MEANS THE "MAN-MADE OF MAN-INDUCED ALTERATION OF THE CHEMICAL, PHYSICAL, BIOLOGICAL, AND RADIOLOGICAL INTEGRITY OF WATER" (CLEAN WATER ACT SECTION 502(19)). POLLUTION ALSO MEANS "AN ALTERATION OF THE QUALITY OF THE WATERS OF THE STATE BY WASTE TO A DEGREE WHICH UNREASONABLY AFFECTS EITHER... THE WATERS FOR BENEFICIAL USES... OR FACILITIES WHICH SERVE THESE BENEFICIAL USES." (CALIFORNIA WATER CODE SECTION 13050(1)).
- "CONTAMINATION" MEANS "AN IMPAIRMENT OF THE QUALITY OF THE WATER OF THE STATE BY WASTE TO A DEGREE WHICH CREATES A HAZARD TO THE PUBLIC HEALTH THROUGH POISONING OR THROUGH THE SPREAD OF DISEASE... INCLUDING ANY EQUIVALENT EFFECT RESULTING FROM THE DISPOSAL OF WASTE, WHETHER OR NOT WATERS OF THE STATE ARE AFFECTED."
- "NUISANCE" MEANS ANYTHING WHICH MEETS ALL OF THE FOLLOWING REQUIREMENTS: (1) IS INJURIOUS TO HEALTH, OR IS INDECENT OR OFFENSIVE TO THE SENSES, OR AN OBSTRUCTION TO THE FREE USE OF PROPERTY, SO AS TO INTERFERE WITH THE COMFORTABLE ENJOYMENT OF LIFE AND PROPERTY; (2) AFFECTS AT THE SAME TIME AN ENTIRE COMMUNITY OR NEIGHBORHOOD, OR ANY CONSIDERABLE NUMBER OF PERSONS, ALTHOUGH THE EXTENT OF THE ANNOYANCE OR DAMAGE INFLICTED UPON INDIVIDUALS MAY BE UNEQUAL; 93) OCCURS DURING OR AS A RESULT OF THE TREATMENT OR DISPOSAL OF WASTES."
- "LOCAL AGENCY" MEANS ANY AGENCY THAT IS INVOLVED WITH REVIEW, APPROVAL, OR OVERSIGHT OF THE CONSTRUCTION SITES (a) CONSTRUCTION ACTIVITY, (b) EROSION AND SEDIMENT CONTROLS, (c) STORM WATER DISCHARGE.

CERTIFICATION

I CERTIFY UNDER PENALTY OF PERJURY THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

BROCK D. LOOMIS
PROFESSIONAL ENGINEER NO. 9249169
BENCHMARK ENGINEERING AND
LAND SURVEYING

DEVELOPER SIGNATURE AND DATE

CONTRACTOR

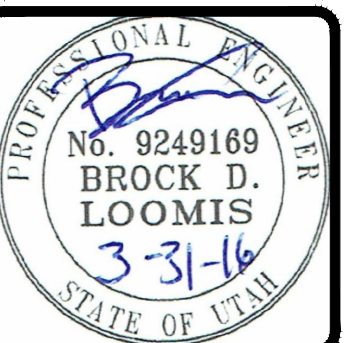
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NPDES I.D. NUMBER _____

DESCRIPTION	NO.	DATE	CHANGES PER COUNTY REDLINES
		3/8/16	
ISSUED BY	DATE	SCALE	
BDR	02/02/2016	AS SHOWN	
CHECKED BY	DATE	SCALE	
SUREY	02/02/2016	AS SHOWN	
FILED	DATE	SCALE	
FILE	1512209SIB	AS SHOWN	



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MOUNTAINS EDGE SUBDIVISION

2060 EAST RYAN CIRCLE
WEBER COUNTY, UTAH

PRELIMINARY

PROJECT NO. 1512209

SWPP NOTES

CEP.02
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