

BMP - CALCULATION TABLE

Property Address: PO BOX 5310		MAP DATA		ON-SITE DEPTHS	
(Start here) APN: 0000-00-000-001		Water Table: >5ft		Total Drain Rock Quantity (yd ³) 8.3	
Date:		Restriction: None noted		Total Runoff (ft ³) 181.9	
Designed By:		Max. Depth of Install: 67 in.		Amount Treated 181.9	
		Map Unit: 7421		Total Excavation (yd ³) 6.6	

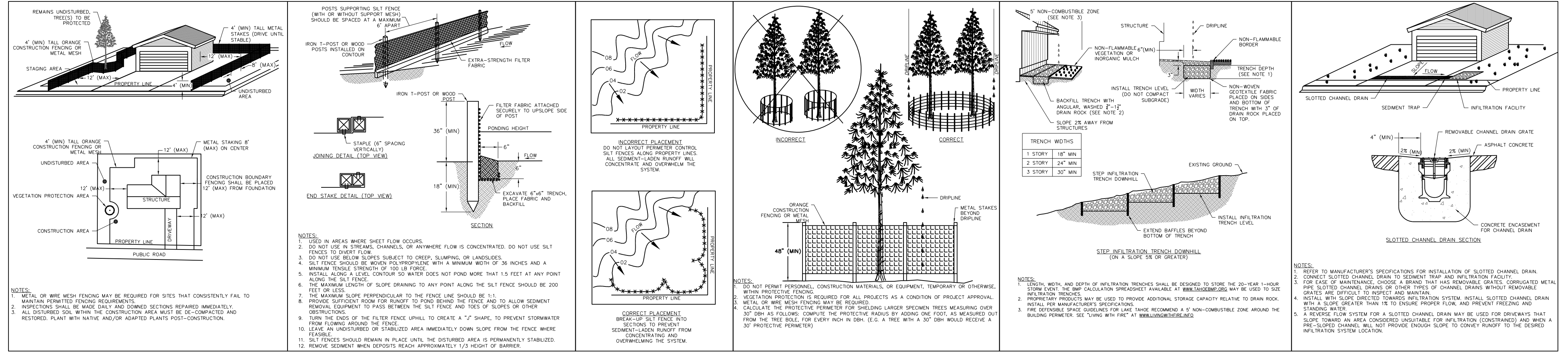
Contributing Surface	A	B	C	D	G
# of Stories	2	3	2	2	0
Length (ft)	21.87	16.58	15.55	5.4	37.42
Width (ft)	15.405	15.503	15.5	16	3.0115
Area (ft ²)	336.9	257.04	241.02	86.4	112.69
Runoff (ft ³)	26.1	21.4	20.1	7.2	9.4
Treatment Label:	A	B	C	D	G
Length (ft)	22.9	17.6	16.6	55.0	58.8
Width (ft)	24	30	24	24	6
Depth (ft)	8	8	8	8	8
On-Site Ksat (ft/d)	4.0	4.0	4.0	4.0	4.0
Mapped Ksat (ft/d)	4.0	4.0	4.0	4.0	4.0
Prefab Void Space (%)					
Average Void Space (%)	40%	40%	40%	40%	40%
Effective Volume (yd ³)	1.1	1.1	0.8	2.7	0.6
Treatment Capacity (ft ³)	30.8	29.0	22.3	74.1	9.8
Drain Rock Quantity (yd ³)	1.1	1.1	0.8	2.7	0.3
Excess Runoff (ft ³)	0.0	0.0	0.0	0.0	0.6
Excess Capacity (ft ³)	2.8	7.6	2.2	2.1	0.4

Basin	Deck Label	F
Contributing Surface	E	
Length (ft)	22.7	
Width (ft)	16.4	
Area (ft ²)	371.28	
Area (ft ²)	371.28	
Gravel Treatment Length (ft)	8	
Gravel Treatment Width (ft)	39.375	
Drain Rock Quantity (yd ³)	2.25	

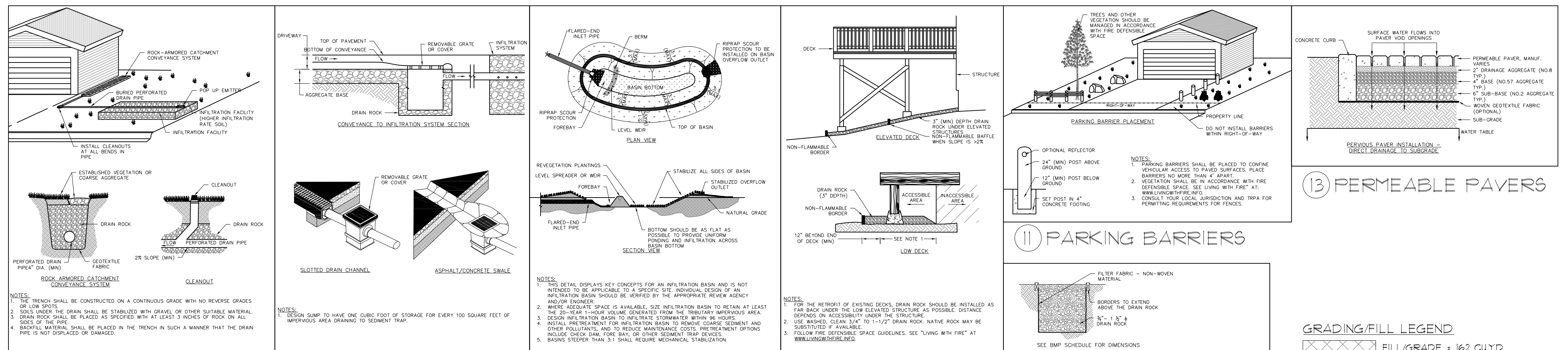
Deck Treatments	Deck Label	F
Area (ft ²)	243	
Slope Length (ft)	2%	
Slope (%)	2%	
Gravel Treatment Length (ft)	8	
Gravel Treatment Width (ft)	39.375	
Drain Rock Quantity (yd ³)	2.25	

Notes:
 TREATMENT E - PROPOSED SOLUTION IS A SLOTTED CHANNEL DRAIN CONVEYANCE TO A VEGETATED BASIN.
 TREATMENT G - GRAVEL ARMORING AROUND PATIO SPACE.

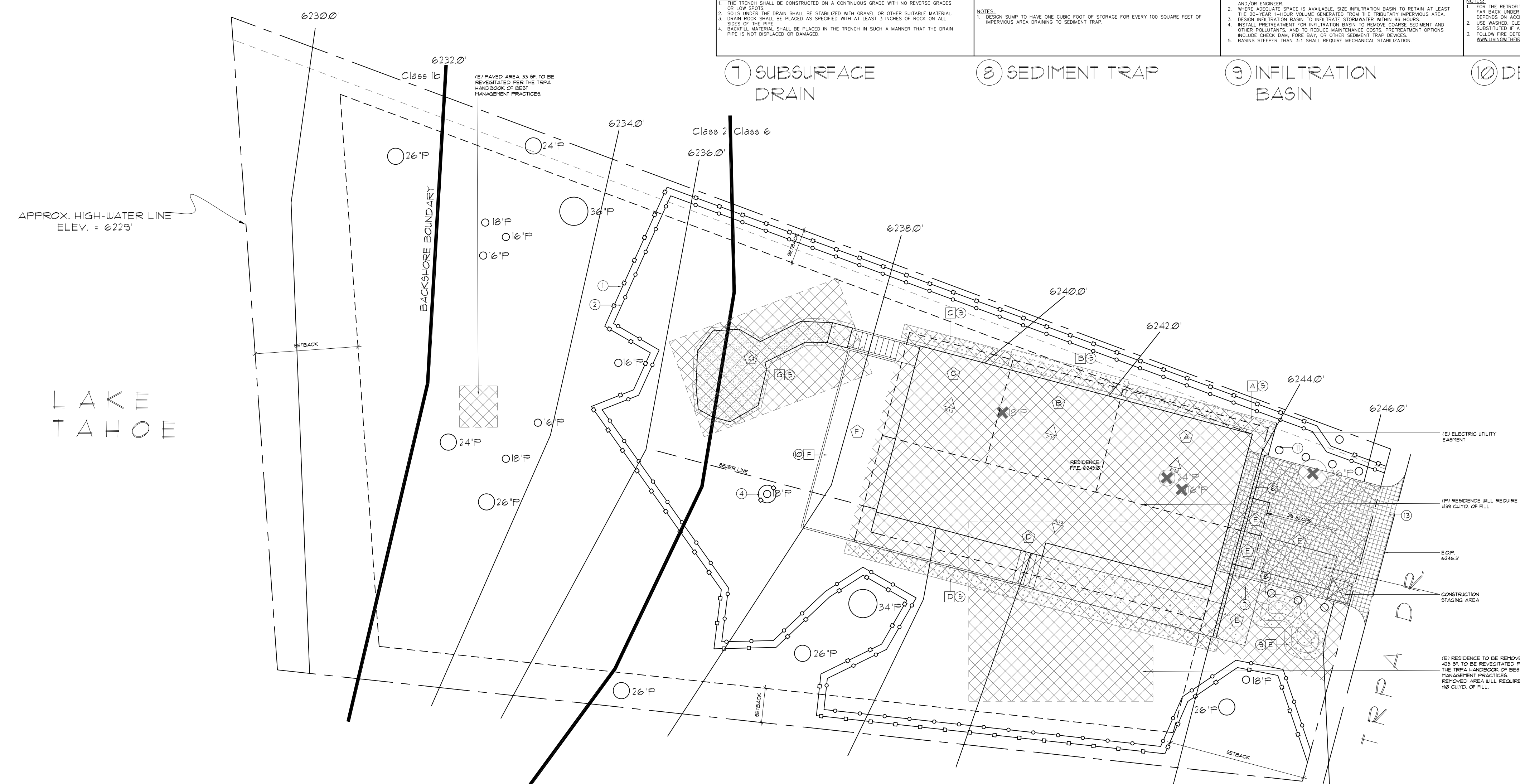
BEST MANAGEMENT PRACTICES



1 CONSTRUCTION FENCE 2 SILT FENCE DETAIL 3 SILT FENCE LOCATION 4 VEGETATION PROTECTION 5 INFILTRATION TRENCH 6 SLOTTED CHANNEL DRAIN



7 SUBSURFACE DRAIN 8 SEDIMENT TRAP 9 INFILTRATION BASIN 10 DECK ARMORING 11 INFILTRATION BED



PROPOSED BMP/GRADING & FILL PLAN SCALE: 1" = 10'-0"

TRPA BMP NOTES:

- PROPERTY RECEIVED A TRPA BMP CERTIFICATE ON 10/1/04 (CERTIFICATE # 15345). ALL PERMANENT BMPs WILL BE REPLACED OR REPAIRED AND MAINTAINED AS PART OF THIS PROJECT. PROJECT APPLICANT WILL SUBMIT A BMP MAINTENANCE AND MONITORING PLAN.
- THE PERMITEE SHALL PREPARE AND PROVIDE PHOTOGRAPHS TO THE TRPA COMPLIANCE INSPECTOR THAT HAVE BEEN TAKEN DURING CONSTRUCTION THAT DEMONSTRATE ANY SUBSURFACE BMPs OR TRENCHING AND BACKFILLING PROPOSED ON THE PROJECT HAVE BEEN CONSTRUCTED CORRECTLY (DEPTH, FILL MATERIAL, ETC.).
- TEMPORARY AND PERMANENT BMPs MAY BE FIELD-FIT AS APPROPRIATE BY THE TRPA INSPECTOR.
- ALL BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED IN PERPETUITY TO ENSURE EFFECTIVENESS WHICH MAY REQUIRE BMPs TO BE PERIODICALLY REINSTALLED OR REPLACED.
- HAY BALES ARE NOT ALLOWED IN THE LAKE TAHOE BASIN DUE TO THE POTENTIAL FOR CARRYING INVASIVE WEEDS PER TRPA BEST MANAGEMENT PRACTICES HANDBOOK.
- ALL SURPLUS SOIL SHALL BE REMOVED FROM SITE AND THEREFORE NO ON-SITE STOCKPILE IS ANTICIPATED. IF DETERMINED NECESSARY BY CONTRACTOR, THEN STOCKPILE SHALL BE PROPERLY MANAGED AND MAINTAINED PER THE TRPA BEST MANAGEMENT PRACTICES HANDBOOK. SOIL MUST BE TAKEN TO A LOCATION APPROVED BY THE TRPA ENVIRONMENTAL COMPLIANCE INSPECTOR.

- PROVIDE A THREE INCH (3") LAYER OF CRUSHED 3/4"-1 1/2" DRAIN ROCK BENEATH ALL RAISED DECKS.
- DUST CONTROL MEASURES SHALL BE IN PLACE DURING THE CONSTRUCTION BROADCAST MULCH DUST CONTROL MEASURES SHALL NOT BE PERMITTED AS A DUST CONTROL MEASURE WITHIN 30 FEET OF STRUCTURE.
- FOR ALL AREAS DISTURBED BY CONSTRUCTION INSTALL TEMPORARY STABILIZATION MEASURES SUCH AS EROSION CONTROL BLANKETS OR HYDROMULCH W/ TACKIFIERS. COVER STOCKPILES THAT WILL REMAIN OVER WINTER W/ A DURABLE MATERIAL OR PLASTIC SHEETING. THESE MEASURES SHALL BE MAINTAINED FROM COMPLETION OF THE INITIAL GRADING THROUGH COMPLETION OF THE PROJECT.

DESIGNER LOGO

SITE PLAN - BMP/GRADING & FILL -

Project For: TRPA RESIDENCE PO BOX 5310 STATELINE, NV 89449 APN: 0000-00-000-001

DATE: 9/22/17 TDFD SUBMITAL 10/17/17 TRPA SUBMITAL 10/30/17 TRPA REVISION 1 11/10/17 TRPA ACKNOWL

DRAWN BY: DATE PREPARED: SCALE: AS NOTED

DRAWING No:

C3

of Sheets