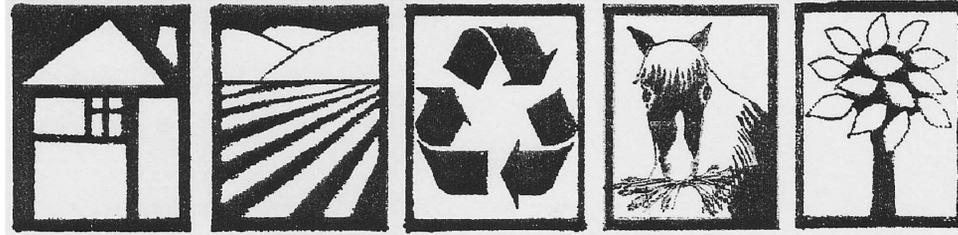


Bunyon Brothers / Perozzi



Green Waste Management Project Perozzi Ranch 4400 Orcutt Road San Luis Obispo, CA 93401

REVISIONS:

A	
B	

Legal Description:
APN: 044-011-004 & 029
COUNTY OF SLO

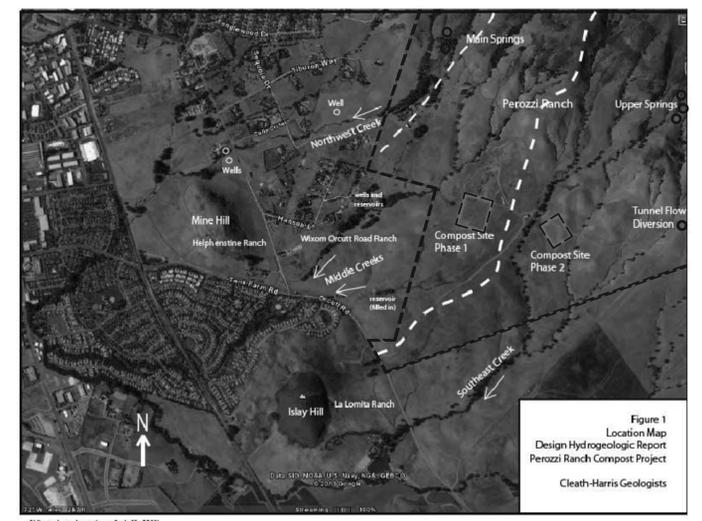
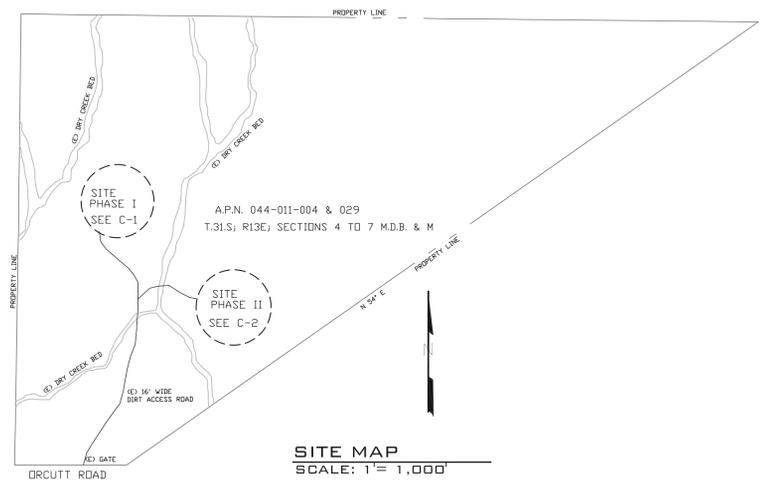
BUNYON BROTHERS / PEROZZI
GREEN WASTE MANAGEMENT PROJECT
PEROZZI RANCH / 4400 ORCUTT ROAD
SAN LUIS OBISPO, CA 93401

Applicant Information:
BUNYON BROS/ PEROZZI
Ron Rinehl/ Tim Perozzi
5345 Devenport Creek Rd.
San Luis Obispo, CA 93401

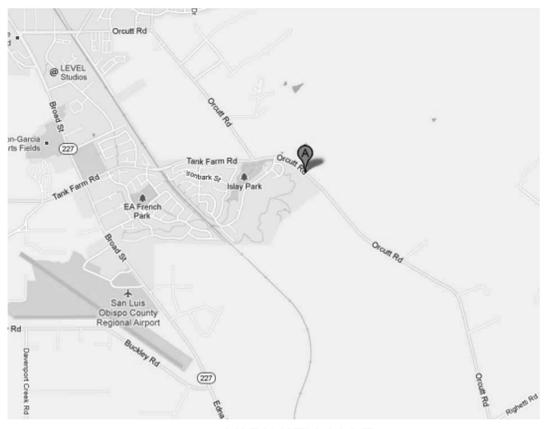
JOSEPH BOUD & ASSOCIATES
Design and Planning Services
1009 Morro Street, Suite 202
San Luis Obispo, CA 93401
E: jcboud@bcglobal.net
P: 805.543.0565
F: 805.543.2187

DATE: 3-07-13
SCALE: AS NOTED
DRAWN BY: JSB
SHEET: **T1**

AREA MAPS



AERIAL MAP
N.T.S.



VICINITY MAP
N.T.S.

PROJECT DESCRIPTION

THE BUNYON BROTHERS/PEROZZI GREEN WASTE MANAGEMENT COMPOSTING PROJECT WILL SERVE SAN LUIS OBISPO COUNTY'S GREEN WASTE NEEDS BY COLLECTING & PROCESSING ORGANIC MATERIALS SUCH AS TREE WASTE, LEAVES, MANURE, AND SIMILAR FEEDSTOCK INTO A SOIL AMENDMENT MATERIAL.

PROJECT DATA

SITE AREA:	567 ACRES				
RANCH AREA:	1,100 ACRES				
COMMERCIAL COMPOSTING FACILITY AREAS:					
AREA OF DISTURBANCE					
		EARTHWORK			
		CUT	FILL		
PHASE 1:	3 ACRES of 4 ACRE AREA	0	0		
PHASE 2:	2.5 ACRES of 4 ACRE AREA	0	0		
HOLDING POND AREAS:					
AREA OF DISTURBANCE					
	CAPACITY	VOLUME	EARTHWORK		
	6 AC-FT.	9,680 CY	CUT	FILL	
PHASE 1:			0	2,400 CY	
PHASE 2:	5 AC-FT	8,067 CY	0	3,600 CY	
TOTAL:	11 AC-FT.	17,747 CY		6,000 CY	

EARTHWORK AT POND IS LIMITED TO A PERIMETER BERM, EXISTING NATURAL SLOPE CONTOURS WILL BE UTILIZED TO CREATE THE HOLDING PONDS.

DIRECTORY

BUSINESS OWNER/ APPLICANT:
BUNYON BROTHERS TREE SERVICE
RON RINEHL
5345 DEVENPORT CREEK RD.
SAN LUIS OBISPO, CA 93401
PH: (805) 547-1903

PROPERTY OWNER:
PEROZZI RANCH FAMILY TRUST
TIM PEROZZI
3972 ORCUTT RD.
SAN LUIS OBISPO, CA 93401
PH: (805) 441-0444

DESIGN & PLANNING:
JOSEPH BOUD & ASSOCIATES
JOE BOUD
1009 MORRO ST. STE 202
SAN LUIS OBISPO, CA 93401
(805) 543-0565

ENGINEERING:
STEEL BUILDING ENGINEERING, INC.
ROBERT ADAMES
PO BOX 3618
SAN LUIS OBISPO, CA 93403
(805) 546-8427

DRAFTING SERVICE:
JOSHUA S. BLAIR DRAFTING & DESIGN
JOSH BLAIR
PO BOX 766
PISMO BEACH, CA 93448
(805) 474-4301

SHEET INDEX

T1 PROJECT INFO
C-1 GRADING & DRAINAGE SITE 1
C-2 GRADING & DRAINAGE SITE 2

GENERAL NOTES

- APPLICABLE CODES:**
2010 CBC CALIFORNIA BUILDING CODE
2010 CPC- CALIFORNIA PLUMBING CODE
2010 CMC- CALIFORNIA MECHANICAL CODE
2010 CEC- CALIFORNIA ELECTRICAL CODE
2010 LUC- COUNTY OF SLO LAND USE ORDINANCE
2010 TITLE 19- COUNTY OF SLO BUILDING & CONSTRUCTION ORDINANCE
- EROSION CONTROL NOTES:**
1. THE SITE SHALL BE MAINTAINED AS TO PREVENT FLOW OF SEDIMENTS FROM THE PROJECT
 2. ALL AREAS OVER 5% GRADE WHICH ARE DISTURBED BY GRADING ACTIVITIES SHALL BE HYDROSEEDDED WITH AN APPROVED PERENNIAL MIX PRIOR TO FINAL ACCEPTANCE. AREAS WITH ESTABLISHED GROWTH AT THE TIME OF FINAL ACCEPTANCE NEED NOT BE HYDROSEEDDED.
 3. EROSION CONTROL SEDIMENT CONTROL MEASURES SHALL BE PROVIDED FOR ANY SITE WORK PERFORMED DURING THE RAINY SEASON (OCTOBER 15, THROUGH APRIL 15). SEE ATTACHED STRAW BALE DETAIL.
 4. EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE PROVIDED AFTER CONSTRUCTION IS COMPLETED UNTIL PERMANENT MEASURES ARE IN PLACE.
 5. DURING RAINY SEASON, ALL PAVED AREAS SHALL BE KEPT CLEAR OF SOIL AND DEBRIS.
 6. ALL EROSION PROTECTION MEASURES SHALL BE INSPECTED AND REPAIRED AS NECESSARY AT THE END OF EACH WORK DAY AND AFTER EACH RAINFALL EVENT.
 7. AN EROSION CONTROL PLAN WILL BE REQUIRED TO BE SUBMITTED AND APPROVED AND IMPLEMENTED SHOULD GRADING OCCUR BETWEEN OCTOBER 15 AND APRIL 15.

GENERAL COUNTY NOTES:

- No construction shall be started without plans approved by the County Building Department. The County shall be notified at least 24 hours prior to starting of construction and of the time and location of the preconstruction conference. Any construction done without approved plans or prior notification to the County will be rejected and will be at the contractor's and/or owner's risk.
- All construction work and installations shall conform to the County of San Luis Obispo Standards and Specifications and all work shall be subject to the approval of the County.
- Soils tests shall be done in accordance with the County Standards and Specifications Section 11-351.1403 and 11-351.1404. All tests must be made within 15 days prior to placing material. The test results shall clearly indicate the location and source of the material.
- Compaction tests shall be made on subgrade material and material as specified by the Engineer. Said tests shall be made prior to the placing of the next material.
- Subgrade material shall be compacted to a relative compaction of 95% in the zone between finished subgrade elevation and one foot below. All material in fill sections below the zone mentioned above shall be compacted to 90% relative compaction.
- A registered Civil Engineer must certify that the improvements when completed are in accordance with the plans prior to the request for a final inspection. As-built plans are to be prepared after construction is completed. The civil engineer certifying the improvements and preparing as-built plans will be present when the final inspection is made.
- An inspection agreement is required prior to the start of construction.
- All utility companies must be notified prior to the start of construction.
- A County Encroachment Permit is required for all work done within the County right-of-way.
- The County Inspector acting on behalf of the County Building Department may require revisions in the plans to solve unforeseen problems that may arise in the field. All revisions shall be subject to the approval of the developer's engineer.
- The structural section shall be based on soils tests made at the time of construction and on a Traffic Index of for all roads.
- Hydroseeding shall be placed on all disturbed surfaces other than paved or gravel surfaces, prior to final inspection.
- For any public improvement to be maintained by the county, if environmental permits from the U.S. Army Corps of Engineers, the California Regional Water Quality Control Board/State Water Resources Control Board, or the California Department of Fish & Game are required, the developer shall:
 - submit a copy of all such completed permits to the County OR
 - document that the regulatory agencies determined that said permit is not required; prior to acceptance of the completed improvements for county maintenance and release of improvement security. Any mitigation monitoring required by said permits will remain the responsibility of the developer.

GRADING NOTES:

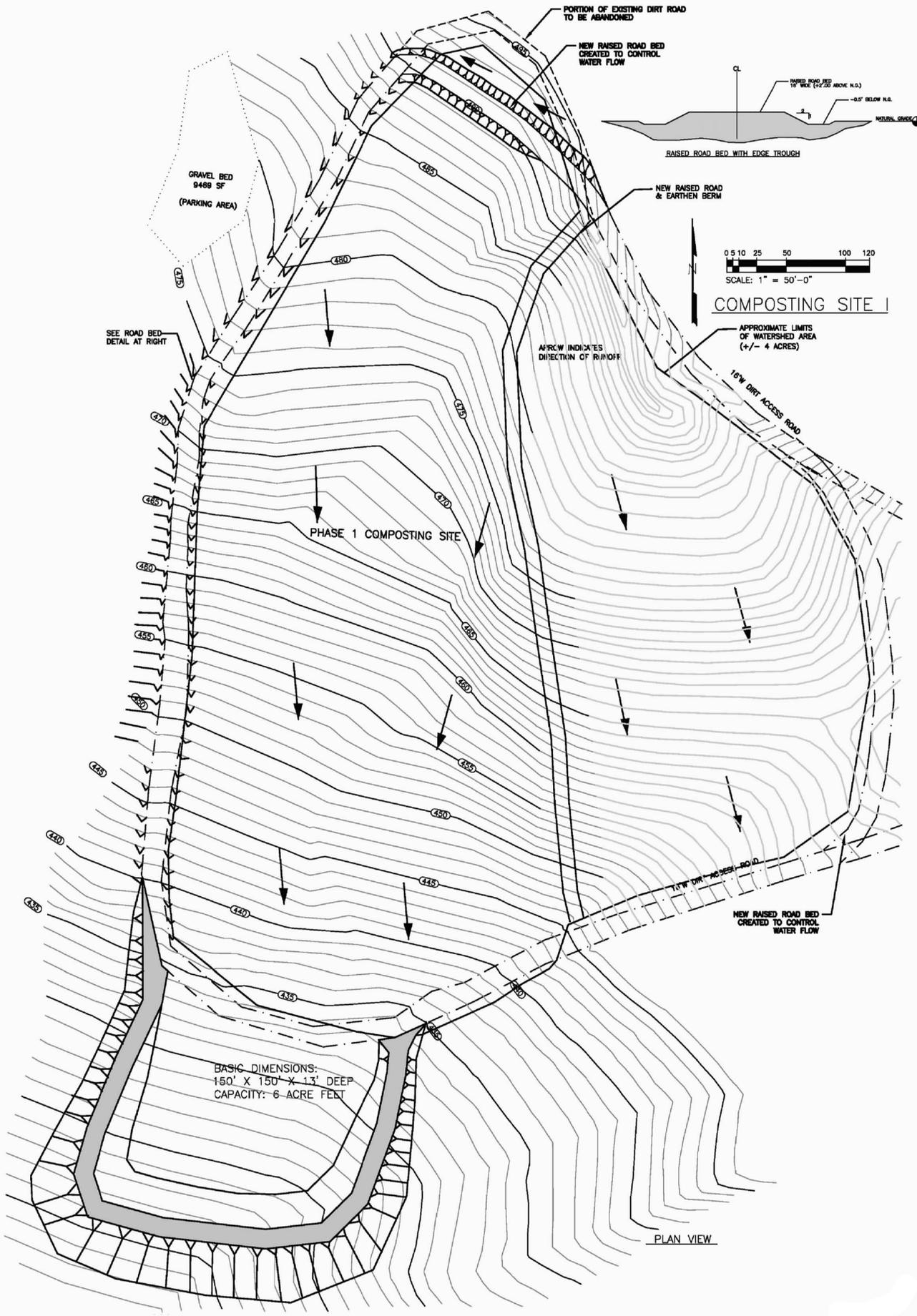
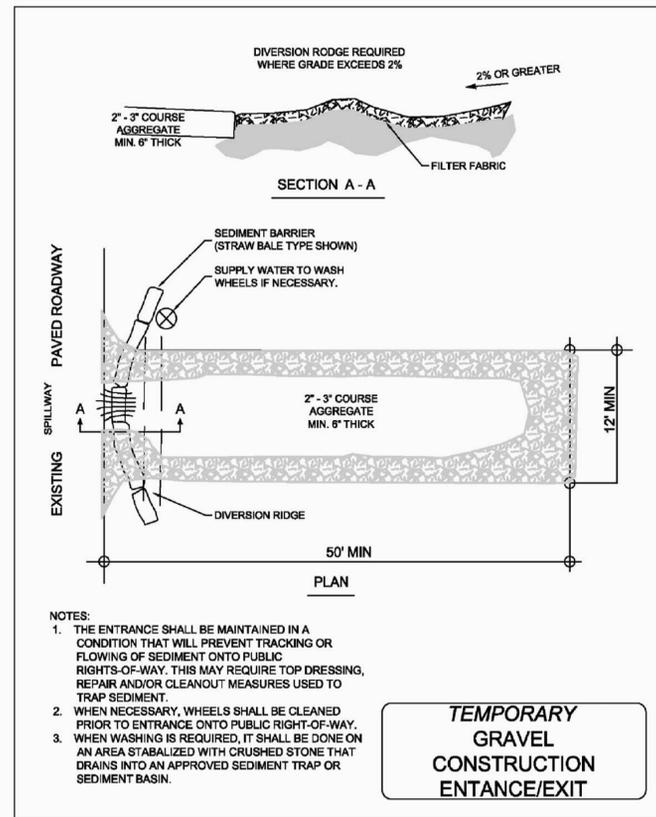
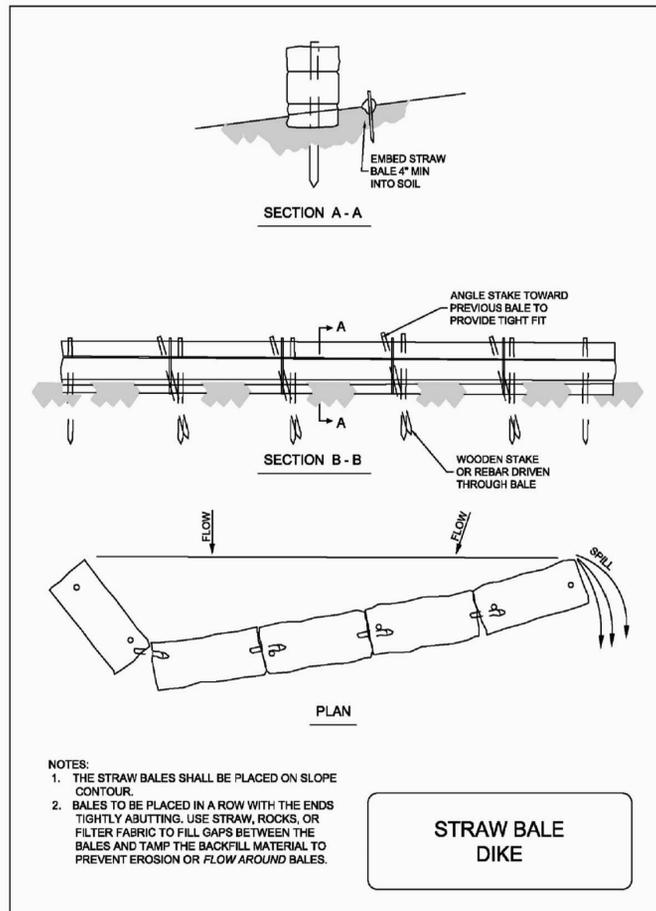
- All grading construction shall conform to the applicable codes as noted under "applicable codes" heading.
- The developer shall be responsible for scheduling a pre-construction meeting with the county and other affected agencies. The contractor shall notify the County Building Department at least 24 hours prior to any work being performed, and arrange for inspection.
- Grading shall comply with the recommendations of the preliminary soils report by Date filed with the County of San Luis Obispo.
- Estimated earth quantities: CUT: FILL:
Note: Exact shrinkage, consolidation, and subsidence factors and losses due to clearing operations are not included. Estimated earthwork quantities are based upon the difference between existing ground surface and proposed finish grades, or sub grades as shown on the plan, and should vary according to these factors. The contractor shall be responsible for site inspection and quantity take off, and shall bid accordingly.
- Soils engineer to determine the soil is suitable to support the intended structure. Such report including progress and/or compaction reports shall be submitted to the field inspector prior to final inspection when a soils report is obtained. The County policy regarding Pad Certification shall be followed. When applicable, the Engineer shall observe the grading operation(s) and provide the field inspector with required compaction reports and a report stating that the grading performed has been observed and is in conformance with the UBC and County Ordinances.
- No CUT or FILL slopes will be constructed steeper than two horizontal to one vertical (2:1).
- Dust Control is to be maintained at all times during construction.
- Areas of FILL shall be scarified, benched and recompacted prior to replacing FILL and observed by a Soil or Civil Engineer.
- FILL material will be recompacted to 90% of maximum density.
- Remove any deleterious material encountered before placing FILL.
- All disturbed areas shall be Hydro Seeded or planted with approved erosion control vegetation as soon as practical after construction is complete.
- Minimum setback to creeks and bluffs shall be maintained. Minimum setback of two feet from all property lines will be maintained for all grading.
- Minimum slope away from buildings shall be 2% for the first three feet around perimeter.
- The contractor shall be responsible for the protection of all existing survey markers during construction. All such monuments or markers disturbed shall be reset at the contractor's expense.
- All contractors and subcontractors working within the right of way shall have an appropriate contractor's license, a local business license, and shall obtain an encroachment permit.
- Engineering reports for CUT or FILL slope steeper than 2:1 shall be submitted to the Field Inspector.

TREE PROTECTION NOTES:

- No oak tree shall be removed without prior County approval.
- Trees within 20 feet of grading or trenching shall be protected by placement of protection fencing as indicated.
- Protective fencing shall be four feet high chain link or safety fence, and shall be placed at the dripline unless otherwise indicated.
- Trenching and excavation within tree driplines shall be hand dug or bored to minimize root disturbance. Any root encountered 1" diameter or greater, shall be hand cut and appropriately treated.
- Pruning of lower limbs in the construction area shall occur prior to construction activities to minimize damage.

APPLICABLE CODES:

- CBC - 2010 California Building Code
- Grading - Chapter 33 CBC Appendix
- CPC - 2010 California Plumbing Code
- CMC - 2010 California Mechanical Code
- CEC - 2010 California Electric Code
- LUO - County Land Use Ordinance
- CZLUO - Coastal Zone Land Use Ordinance
- Title 19 - County Building and Construction Ordinance.



STEEL BUILDING ENGINEERING
 CIVIL CORP. INC.
 P.O. BOX 3818 • SAN LUIS OBISPO, CA 93403
 (805) 946-9277 • FAX (805) 942-0280

BUNYON BROTHERS / PEROZZI
 GREEN WASTE MANAGEMENT PROJECT
 PEROZZI RANCH / 4400 ORCUTT ROAD
 SAN LUIS OBISPO, CA 93401

Applicant Information:
 BUNYON BROS / PEROZZI
 Ron Rittel / Tim Perozzi
 5345 Deavenport Creek Rd.
 San Luis Obispo, CA 93401

JOSEPH BOUD & ASSOCIATES
 Design and Planning Services
 1009 Morro Street, Suite 202
 San Luis Obispo, CA 93401
 E: jcboud@sbcglobal.net
 P: 805.543.0565
 F: 805.543.2187

DATE: 3-07-13
 SCALE: AS NOTED
 DRAWN BY: JSB
 SHEET: C-1

GENERAL COUNTY NOTES:

- No construction shall be started without plans approved by the County Building Department. The County shall be notified at least 24 hours prior to starting of construction and of the time and location of the preconstruction conference. Any construction done without approved plans or prior notification to the County will be rejected and will be at the contractor's and/or owner's risk.
- All construction work and installations shall conform to the County of San Luis Obispo Standards and Specifications and all work shall be subject to the approval of the County.
- Soils tests shall be done in accordance with the County Standards and Specifications Section 11-351.1403 and 11-351.1404. All tests must be made within 15 days prior to placing material. The test results shall clearly indicate the location and source of the material.
- Compaction tests shall be made on subgrade material and material as specified by the Engineer. Said tests shall be made prior to the placing of the next material.
- Subgrade material shall be compacted to a relative compaction of 95% in the zone between finished subgrade elevation and one foot below. All material in fill sections below the zone mentioned above shall be compacted to 90% relative compaction.
- A registered Civil Engineer must certify that the improvements when completed are in accordance with the plans prior to the request for a final inspection. As-built plans are to be prepared after construction is completed. The civil engineer certifying the improvements and preparing as-built plans will be present when the final inspection is made.
- An inspection agreement is required prior to the start of construction.
- All utility companies must be notified prior to the start of construction.
- A County Encroachment Permit is required for all work done within the County right-of-way.
- The County Inspector acting on behalf of the County Building Department may require revisions in the plans to solve unforeseen problems that may arise in the field. All revisions shall be subject to the approval of the developer's engineer.
- The structural section shall be based on soils tests made at the time of construction and on a Traffic Index of 100 for all roads.
- Hydroseeding shall be placed on all disturbed surfaces other than paved or gravel surfaces, prior to final inspection.
- For any public improvement to be maintained by the county, if environmental permits from the U.S. Army Corps of Engineers, the California Regional Water Quality Control Board/State Water Resources Control Board, or the California Department of Fish & Game are required, the developer shall:
 - submit a copy of all such completed permits to the County OR
 - document that the regulatory agencies determined that said permit is not required; prior to acceptance of the completed improvements for county maintenance and release of improvement security. Any mitigation monitoring required by said permits will remain the responsibility of the developer.

GRADING NOTES:

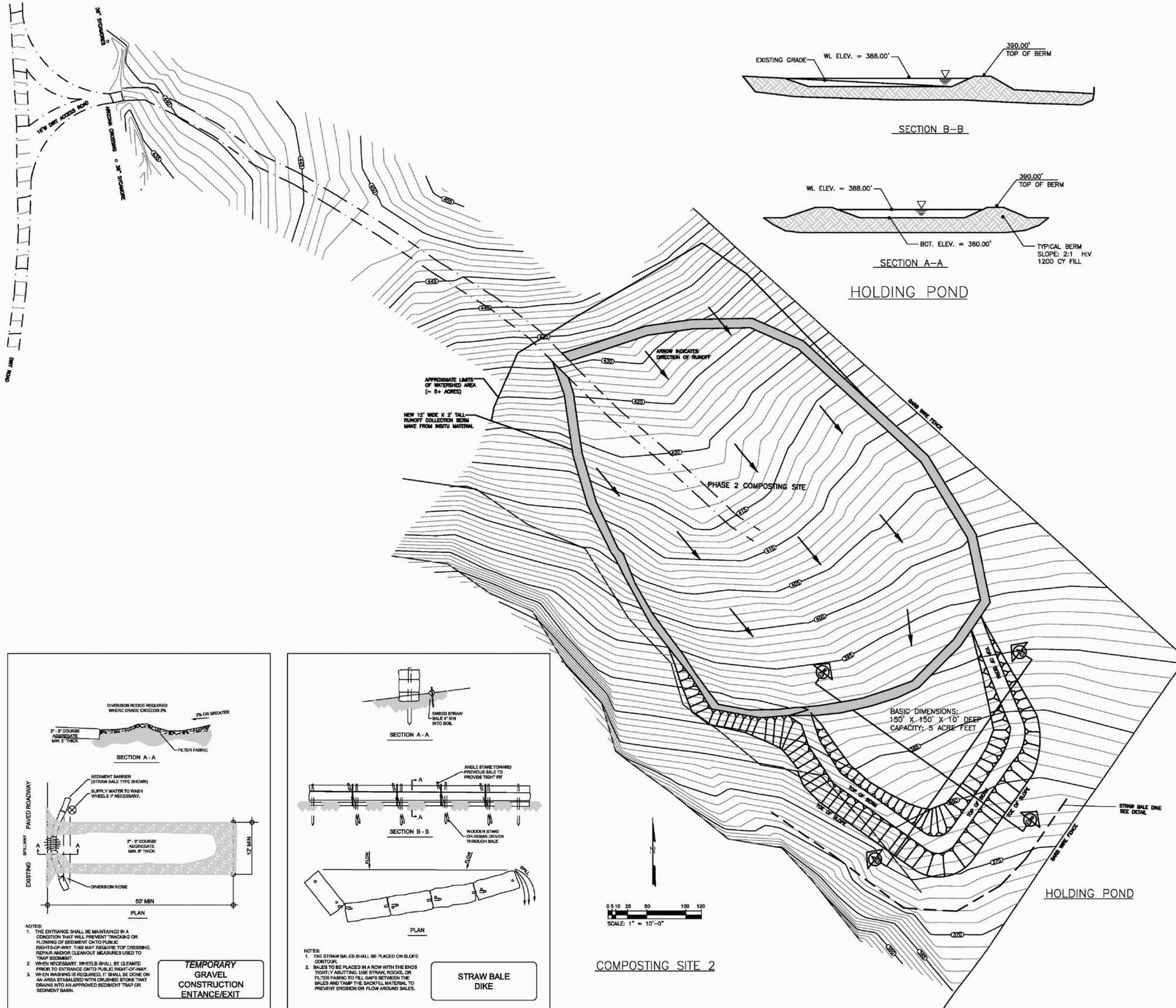
- All grading construction shall conform to the applicable codes as noted under "applicable codes" heading.
- The developer shall be responsible for scheduling a pre-construction meeting with the county and other affected agencies. The contractor shall notify the County Building Department at least 24 hours prior to any work being performed, and arrange for inspection.
- Grading shall comply with the recommendations of the preliminary soils report by Date filed with the County of San Luis Obispo.
- Estimated earth quantities: CUT: FILL:

Note: Exact shrinkage, consolidation, and subsidence factors and losses due to clearing operations are not included. Estimated earthwork quantities are based upon the difference between existing ground surface and proposed finish grades, or sub grades as shown on the plan, and should vary according to these factors. The contractor shall be responsible for site inspection and quantity take off, and shall bid accordingly.
- Soils engineer to determine the soil is suitable to support the intended structure. Such report including progress and/or compaction reports shall be submitted to the field inspector prior to final inspection when a soils report is obtained. The County policy regarding Pad Certification shall be followed. When applicable, the Engineer shall observe the grading operation(s) and provide the field inspector with required compaction reports and a report stating that the grading performed has been observed and is in conformance with the UBC and County Ordinances.
- No CUT or FILL slopes will be constructed steeper than two horizontal to one vertical (2:1).
- Dust Control is to be maintained at all times during construction.
- Areas of FILL shall be scarified, benched and recompact prior to replacing FILL and observed by a Soil or Civil Engineer.
- FILL material will be recompact to 90% of maximum density.
- Remove any deleterious material encountered before placing FILL.
- All disturbed areas shall be Hydro Seeded or planted with approved erosion control vegetation as soon as practical after construction is complete.
- Minimum setback to creeks and bluffs shall be maintained. Minimum setback of two feet from all property lines will be maintained for all grading.
- Minimum slope away from buildings shall be 2% for the first three feet around perimeter.
- The contractor shall be responsible for the protection of all existing survey markers during construction. All such monuments or markers disturbed shall be reset at the contractor's expense.
- All contractors and subcontractors working within the right of way shall have an appropriate contractor's license, a local business license, and shall obtain an encroachment permit.
- Engineering reports for CUT or FILL slope steeper than 2:1 shall be submitted to the Field Inspector.

TREE PROTECTION NOTES:

- No oak tree shall be removed without prior County approval.
- Trees within 20 feet of grading or trenching shall be protected by placement of protection fencing as indicated.
- Protective fencing shall be four feet high chain link or safety fence, and shall be placed at the dripline unless otherwise indicated.
- Trenching and excavation within tree driplines shall be hand dug or bared to minimize root disturbance. Any root encountered 1" diameter or greater, shall be hand cut and appropriately treated.
- Pruning of lower limbs in the construction area shall occur prior to construction activities to minimize damage.

APPLICABLE CODES:
 CBC - 2010 California Building Code
 Grading - Chapter 33 CBC Appendix
 CPC - 2010 California Plumbing Code
 CMC - 2010 California Mechanical Code
 CEC - 2010 California Electric Code
 LUO - County Land Use Ordinance
 CZLUO - Coastal Zone Land Use Ordinance
 Title 19 - County Building and Construction Ordinance.



BUNYON BROTHERS / PEROZZI
 GREEN WASTE MANAGEMENT PROJECT
 PEROZZI RANCH / 4400 ORCUTT ROAD
 SAN LUIS OBISPO, CA 93401

Applicant Information:
 BUNYON BROS/PEROZZI
 Ron Rinaldi/Tim Perozzi
 5345 Devenport Creek Rd.
 San Luis Obispo, CA 93401

JOSEPH BOUD & ASSOCIATES
 Design and Planning Services
 1009 Morro Street, Suite 202
 San Luis Obispo, CA 93401
 E: jeboud@abcglobal.net
 F: 805.543.0565
 F: 805.543.2187

DATE: 3-07-13
 SCALE: AS NOTED
 DRAWN BY: JBB
 SHEET: C-2