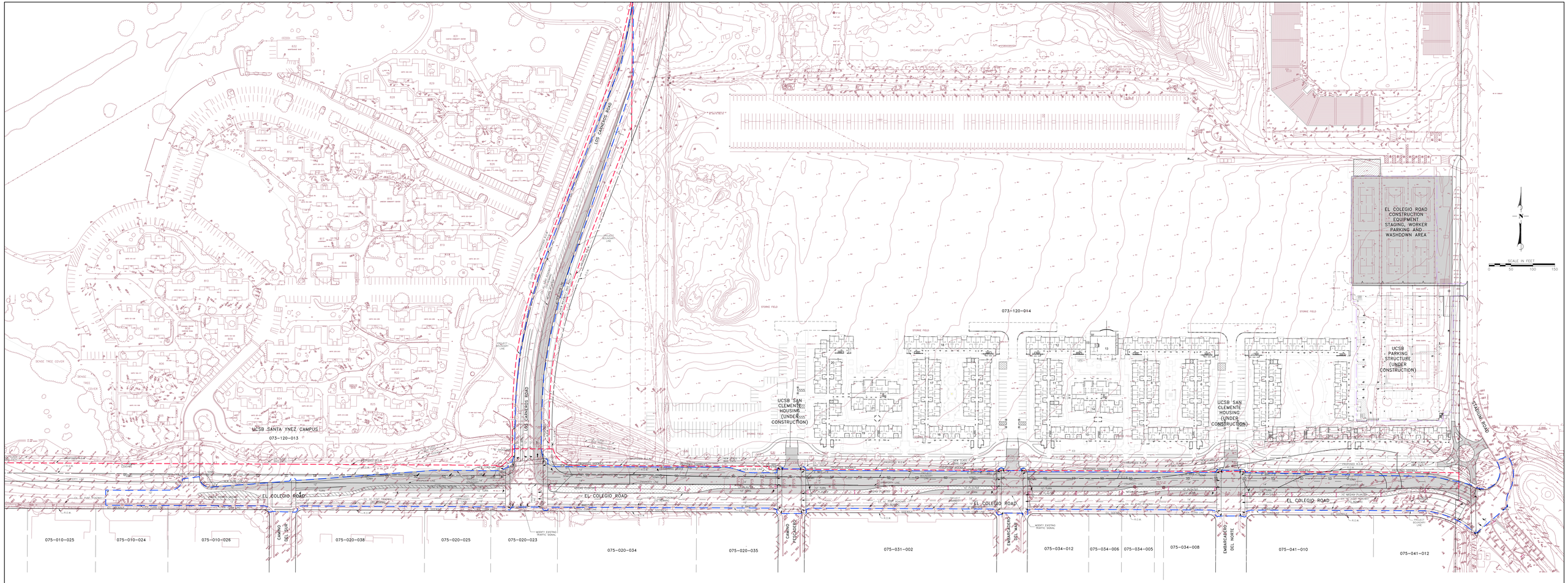

EARTHWORK QUANTITIES

ESTIMATED EARTHWORK QUANTITIES – RAW QUANTITIES

TOTAL EARTHWORK:

CUT = 3,000 C.Y. FILL = 1,060 C.Y.

THE ABOVE QUANTITIES ARE APPROXIMATE IN PLACE VOLUMES CALCULATED FROM THE EXISTING GROUND TO THE PROPOSED FINISH GRADE OR SUBGRADE. EXISTING GROUND IS DEFINED BY THE TOPOGRAPHIC CONTOURS AND/OR SPOT ELEVATIONS ON THE PLAN. PROPOSED FINISH GRADE IS DEFINED AS THE DESIGN SURFACE ELEVATION OF EARTH TO BE CONSTRUCTED ABOVE PAVEMENTS OR STRUCTURES. SUBGRADE ELEVATION IS DEFINED AS THE DESIGN SURFACE ELEVATION OF EARTH TO BE CONSTRUCTED BENEATH PAVEMENTS OR STRUCTURES.

THE ABOVE QUANTITIES ARE FOR PERMIT PURPOSES ONLY AND HAVE NOT BEEN ADJUSTED FOR SHRINKAGE, SWELL, COMPACTION, SHRINKAGE DUE TO GRUBBING, SUBSIDENCE, SHRINKAGE, OVER EXCAVATION AND RECOMPACTION, UNDERGROUND UTILITY AND SUBSTRUCTURE SPOILS AND CONSTRUCTION METHODS.

THE CONTRACTOR SHALL PERFORM AN EARTHWORK ESTIMATE FOR THE PURPOSE OF PREPARING A LUMP SUM BID PRICE FOR EARTHWORK. THE BID PRICE SHALL INCLUDE COSTS FOR ANY NECESSARY IMPORT AND PLACEMENT OF EARTH MATERIALS OR THE EXPORT AND PROPER DISPOSAL OF EXCESS EARTH MATERIALS.

SITE STATISTICS

EXISTING IMPROVEMENTS WITHIN PROJECT SITE AREA		PROPOSED IMPROVEMENTS WITHIN PROJECT SITE AREA	
PAVED AREA (ROADWAY, SIDEWALK, ETC.)	124,880 SQFT (2.87 AC)	PAVED AREA (ROADWAY, SIDEWALK, ETC.)	255,840 SQFT (5.87 AC)
LANDSCAPE / OPEN SPACE AREA	191,580 SQFT (4.39 AC)	LANDSCAPE / OPEN SPACE AREA	60,620 SQFT (1.39 AC)
TOTAL PROJECT SITE AREA	316,460 SQFT (7.26 AC)	TOTAL PROJECT SITE AREA	316,460 SQFT (7.26 AC)
NET INCREASE OF PAVED AREA: (255,840 SQFT – 6,330) – (124,880 – 8,390) SQFT = 131,020 SQFT (3.01 AC)			

THIS IS THE PRELIMINARY SITE STATISTICS, WHICH WILL SUBJECT TO CHANGES FOLLOWING FURTHER DESIGN PROCESSES.

LEGEND

- EXISTING ASPHALT CONCRETE PAVEMENT (TO REMAIN)
- PROPOSED CURB
- RIGHT OF WAY (R.O.W.)
- PROPOSED RIGHT OF WAY (R.O.W.)
- PROPERTY LINE
- PROJECT BOUNDARY AREA
- NEW ASPHALT CONCRETE PAVEMENT
- MEDIAN PLANTER
- PAVED STRIPED MEDIAN

CONCEPTUAL SITE LAYOUT PLAN

PENFIELD & SMITH
ENGINEERS, SURVEYORS, PLANNERS,
CONSTRUCTION SUPERVISION

EL COLEGIO ROAD, UCSB

COUNTY OF SANTA BARBARA
SCALE 1"=50'
FEBRUARY 20, 2007

SHEET 3

Penfield & Smith
Engineers · Surveyors · Planners
Construction Management
111 East Victoria Street, Santa Barbara, CA 93101
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