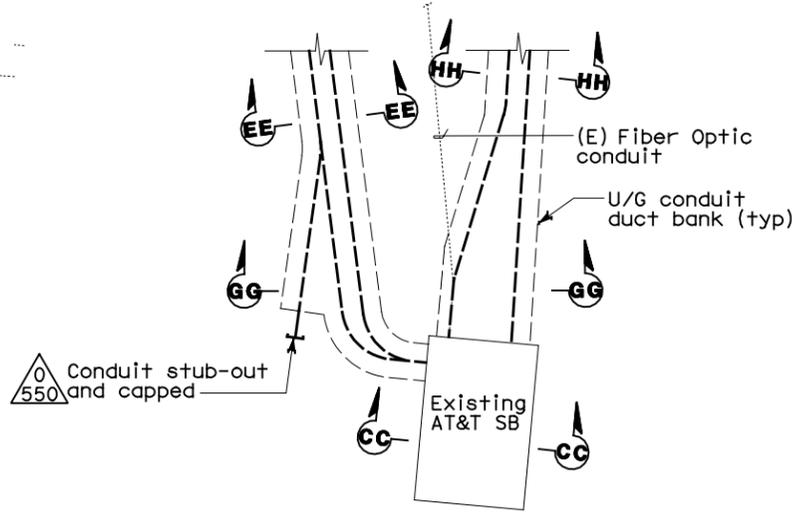
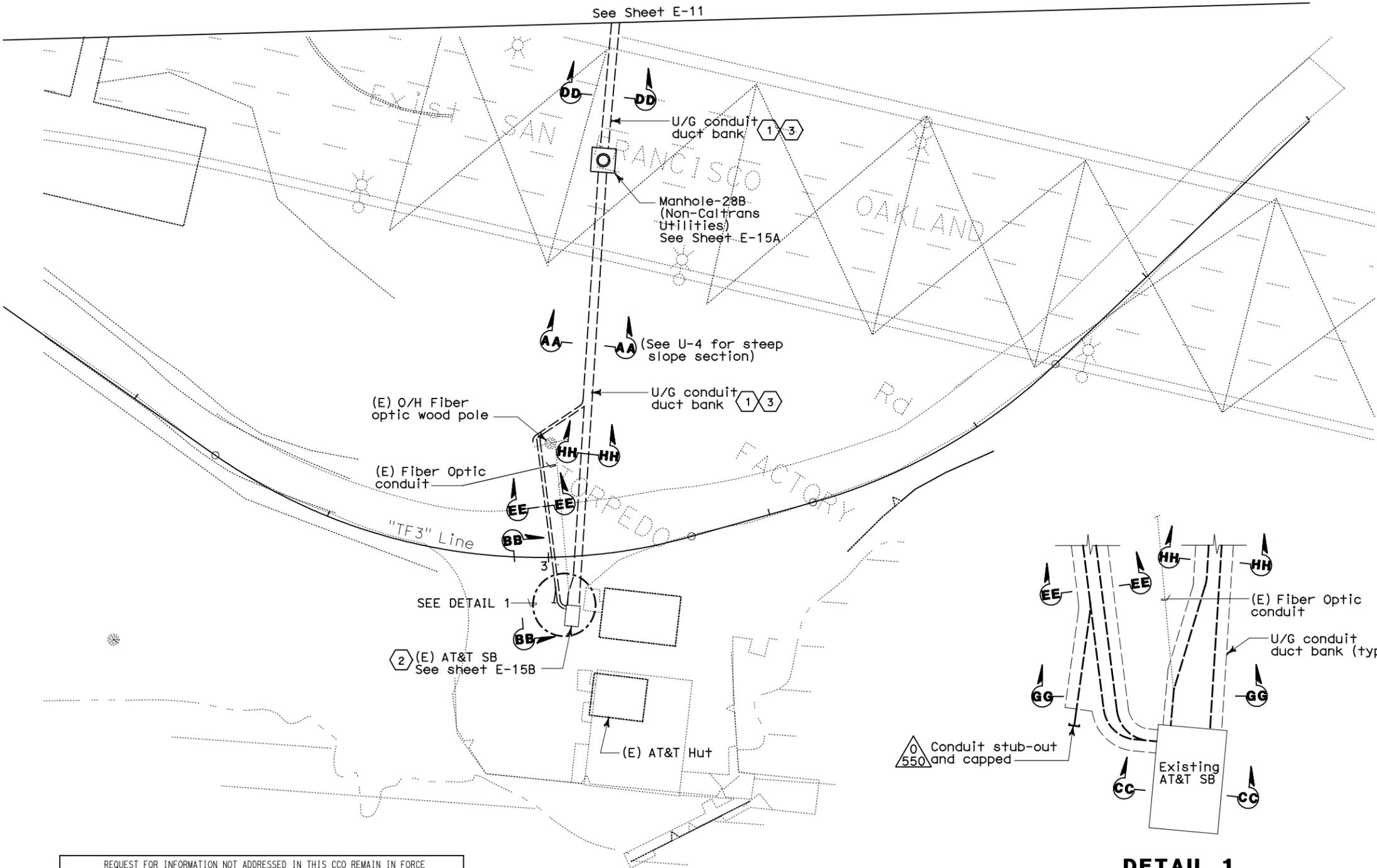




DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	96S1	1204
 REGISTERED ELECTRICAL ENGINEER DATE			07/05/11		
PLANS APPROVAL DATE <b>PB AMERICAS, Inc.</b> A Parsons Brinckerhoff Company 303 Second St., Suite 700N San Francisco, CA 94107-1317					
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.					
Caltrans now has a web site! To get to the web site, go to <a href="http://www.dot.ca.gov">http://www.dot.ca.gov</a>					



DESIGNED BY	REVISOR	DATE	REVISION
CHECKED BY	DATE	BY	NO.
DESIGNED BY	DATE	BY	NO.
CHECKED BY	DATE	BY	NO.
DESIGN OVERSIGHT			
BEHZAD GOLEMOHAMMADI			
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION			
Caltrans			



- NOTES:**
- References:
    - For typical manhole and duct bank details, see sheet E-17.
    - For duct bank profile and coordinate, see civil sheet U-4.
    - For circuit and conduit/cable tray schedules, see sheets starting at E-401.
  - Minimum compressive strength of concrete  $f'c = 28$  MPa.
  - For location of manholes, see utility sheets.
  - For other related work not shown on this see Electrical Special Provisions.
  - Provide long sweep for conduits inside duct banks whenever feasible.
  - For duct bank sections, see sheets E-19B.

- SHEET NOTES**
- Contractor shall route duct bank with a minimum cover of 610 mm from top of conduit to top of finished grade. The conduit bank shall slope down to manhole. Verify existing to avoid interferences. Connect the ground conductor to the existing grounding grid at the end of duct bank.
  - Contractor to clean and drain (E) AT&T SB. Contractor shall use existing provisions for conduit entries to AT&T SB. Other conduit penetrations are not shown.
  - The conduits from manhole MH-28A to AT&T Hut manhole shall be rigid pvc schedule 40. Conduit 90 degree bends, riser and exposed to grade shall be rigid galvanized steel conduit.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE				
MARK	DATE	DESCRIPTIONS	BY	CH'D
△	08/08/11	W2 DUCT BANKS REINFORCEMENT	EJL	RG
			TW	205
			BY	CH'D
			CCO#	

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
 SHEET \_\_\_\_\_ OF \_\_\_\_\_

**PLAN**  
 SCALE: 1:200

**DETAIL 1**  
 NTS

**UNDERGROUND DUCT BANKS AND MANHOLES**  
 SCALE: 1:200

**E-11A**

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN  
 FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS  
 0 20 40 60 80  
 DGN FILE => 04-0120f1\_0096S01.dgn  
 USERNAME => ilorico

DATE PLOTTED => 09-AUG-2011  
 TIME PLOTTED => 13:45  
 LAST REVISION 00-00-00