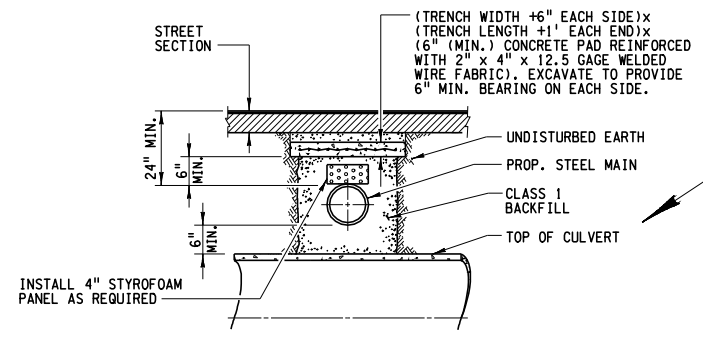
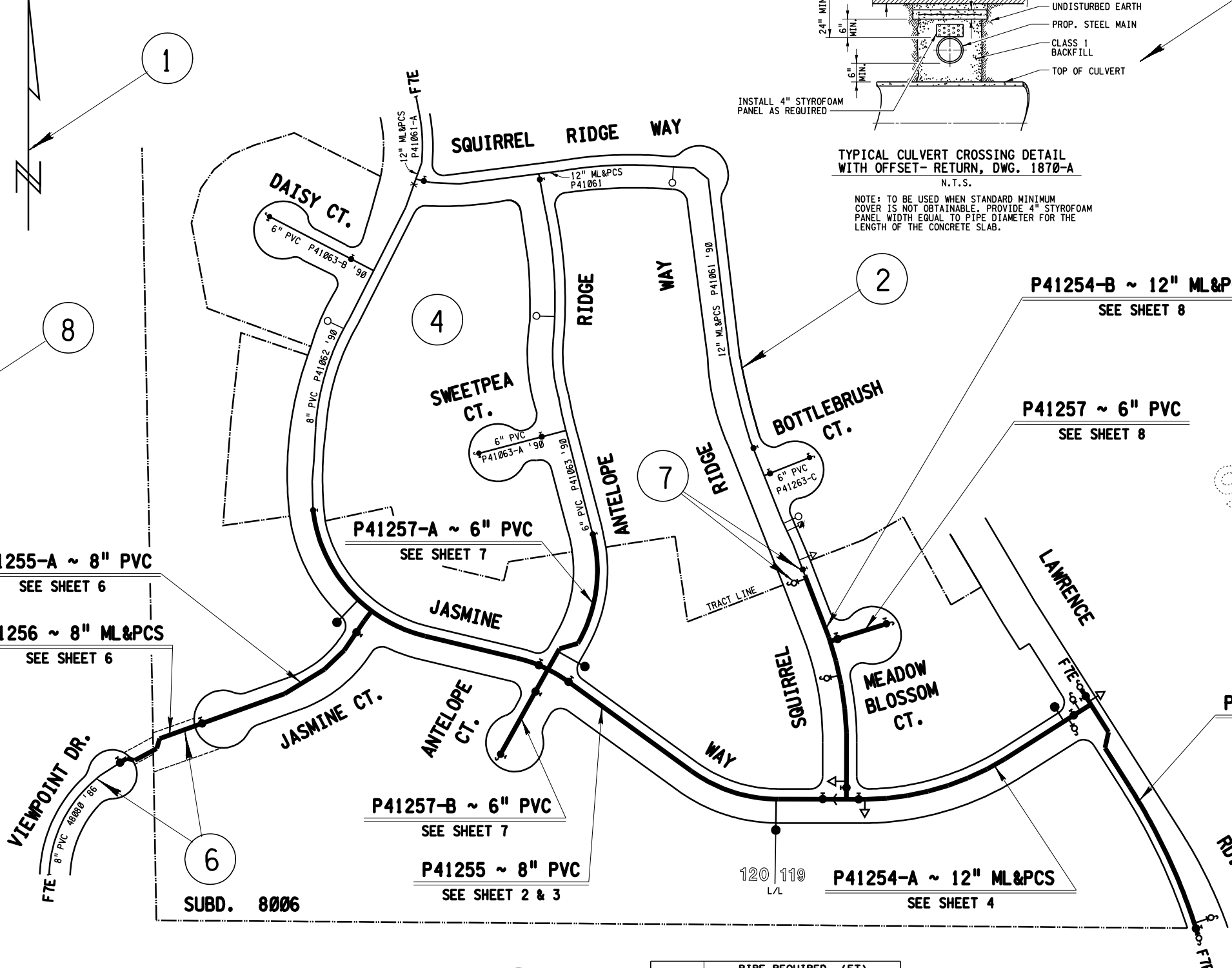


**VICINITY MAP**  
N.T.S.



**TYPICAL CULVERT CROSSING DETAIL WITH OFFSET-RETURN, DWG. 1870-A**  
N.T.S.

NOTE: TO BE USED WHEN STANDARD MINIMUM COVER IS NOT OBTAINABLE. PROVIDE 4" STYROFOAM PANEL WIDTH EQUAL TO PIPE DIAMETER FOR THE LENGTH OF THE CONCRETE SLAB.



SAMPLE COVER SHEET

- GENERAL NOTES**
- SURVEY REQUIRED SURVEY TO BE FURNISHED BY APPLICANT
  - AS-BUILT DATA TO BE RECORDED IN ACCORDANCE WITH ESP. 210.1
  - MINIMUM COVER: 42" BELOW PROP. TOP OF CURB
  - INSTALLATION SHALL BE IN ACCORDANCE WITH E.B.M.U.D. SPECIFICATIONS AND STANDARD DRAWINGS.
  - IRON ELLS 22-1/2° OR GREATER OR TEES SHALL BE ANCHORED PER DWG. 3360-B.
  - HYDROSTATIC TEST REQUIRED PER SPECIFICATION:  
DESIGN HYDRAULIC GRADIENT ELEVATION = 950  
HYDROSTATIC TEST GRADIENT ELEVATION = 1077 (PVC)  
HYDROSTATIC TEST GRADIENT ELEVATION = 1080 (STL)
  - ALL GATE VALVES SHALL BE OF THE RESILIENT SEATED TYPE.
  - PVC PLASTIC PIPE  
MAINTAIN ALIGNMENT OF 6" AND 8" PVC THROUGH CURVES BY USE OF IRON ELLS AND HIGH DEFLECTION PVC COUPLINGS. MINIMUM ALLOWABLE ALIGNMENT RADIUS WITH USE OF HIGH DEFLECTION PVC COUPLING IS 230 FT. NO BENDING OF PVC PIPE PERMITTED.
  - PVC PIPE SHALL BE AWWA C-900, CLASS 200.
  - IRON FITTINGS AND VALVES TO HAVE TYTON OR TYTON COMPATIBLE JOINTS (T.C.) UNLESS OTHERWISE INDICATED.
  - INSTALL METALLIC TRACERS IN ACCORDANCE WITH E.B.M.U.D. SPECIFICATIONS.
  - ML&PCS PIPE  
FITTINGS FOR USE ON 4", 6", 8", AND 12" ML&PCS PIPELINES SHALL BE AS SHOWN ON STD. DWG. 309-EA UNLESS OTHERWISE INDICATED.
  - ALL UNCOATED FERROUS METAL SURFACES IN THE COMPLETED PIPELINES PIPELINES SHALL BE COATED IN ACCORDANCE WITH E.B.M.U.D. SPECIFICATIONS.
  - SINGLE FIELD CUTS SHALL NOT EXCEED 22-1/2° FOR 4"-12" PIPE, AND 15° FOR 16" AND 20" PIPE. LARGER DEFLECTIONS SHALL BE CUT FROM STANDARD ELBOWS, DWG. 309-EA.
  - ELECTRICALLY ISOLATE ML&PCS PIPE FROM EXISTING CAST IRON OR ML&CS CONNECTIONS WITH INSULATING FLANGES OR COUPLINGS IN ACCORDANCE WITH STANDARD DRAWING 3446-GB.
  - ML&PCS IS MORTAR LINED AND PLASTIC COATED STEEL PIPE.
  - 6" ML&PCS IS 6.625" O.D., 10 GA  
8" ML&PCS IS 8.625" O.D., 10 GA.  
12" ML&PCS IS 12.75" O.D., 10 GA.

ORDER NO.	PIPE REQUIRED (FT)			
	8"	12"	6"	8"
P41254		420		
P41254-A		430		
P41254-B		370		
P41255	20			1005
P41255-A	10			330
P41256	140			
P41257			100	
P41257-A	10		240	
P41257-B	10		150	
<b>TOTAL</b>	<b>190</b>	<b>1210</b>	<b>490</b>	<b>1335</b>

CONSTRUCTION BY APPLICANT PAVING NONE  
 CONTRACT NO. REFERENCE EST. 95-112, EA 96-018 (18 APRIL 96)  
 JUSTIFICATION PINN BROTHERS CONST., INC. 1-2517, 96860

**BEFORE YOU DIG  
CALL UNDERGROUND SERVICE ALERT  
800-642-2444**

DESIGNED BY		EAST BAY MUNICIPAL UTILITY DISTRICT	
DESIGN CHECKED BY		OAKLAND, CALIFORNIA	
DRAWN BY E.Y. PL (W.CRM)		SUBD 8006, DANVILLE	
		6" & 8" PVC, 8" & 12" ML&PCS PIPE INSTALLATION	
		SW OF CAMINO TASSAJARA AND LAWRENCE RD.	
CORROSION CHECK BY		STRUCTURE OR ZONE DESIGNATION F 7E	
RECOMMENDED SR. CIVIL ENGINEER R.P.E. NO. C 36285		SCALE 1" = 100'	
APPROVED MGR. OF DESIGN R.P.E. NO. C 39851		DATE	
		W-8061-1	

NO.	DATE	REVISION	BY	REC.	APP.

USER: oreyes PLOT DATE: 22-JUN-2009 14:13 FILE: H:\spn\proj\sewtr\l\sewtr\l.dgn