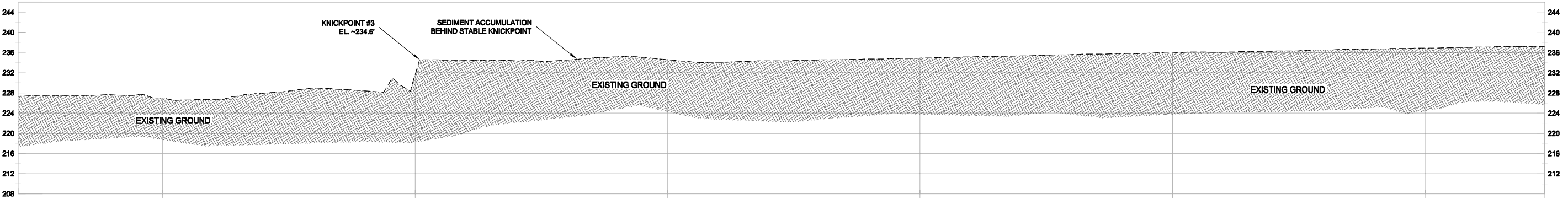


**LEGEND**

● ○	TREES/STUMP	⊙	SEWER MANHOLE
---	UNDERGROUND SEWER LINES	⚡	WOODY DEBRIS
---	EXPOSED SEWER LINES	△	SURVEY CONTROL
---	SURVEYED FENCE LINES	▭	UNDERCUT BANK
---	CITY PARCELS (APPROXIMATE)	▨	ERODED/EXPOSED BANK
---	STORM DRAIN SYSTEM	▩	EXISTING PROTECTION
---		~	POTENTIAL RANGE/EXTENT OF EROSION

**PLAN VIEW**  
SCALE: 1" = 20'



**PROFILE VIEW**  
HORIZONTAL SCALE 1" = 20'  
VERTICAL SCALE 1" = 10'

SURVEY NOTE: THIS MAP REPRESENTS TOPOGRAPHIC FEATURES AND CONTOURS AS SURVEYED BY QUESTA ENGINEERING INC. ON FEB 27TH, MARCH 4TH, AND MARCH 6TH, 2009 IN THE CHIMES CREEK WATERSHED. PARCEL DATA IS BASED ON CITY RECORDS AND SHOULD NOT BE USED FOR DETERMINING BOUNDARIES OR EASEMENTS. ELEVATIONS ARE REFERENCED TO THE CITY OF OAKLAND MONUMENT AT THE INTERSECTION OF HILLSMONT AVE. AND EDENVALE DR. (EL. 261.36 FT). HORIZONTAL PROJECTION: NAD83 CALIFORNIA STATE PLANE ZONE 11 FT.

Civil  
Environmental  
& Water Resources

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**CHIMES CREEK BANK STABILIZATION AND CHANNEL RESTORATION FEASIBILITY STUDY  
EXISTING EROSION FEATURES**

THIS DRAWING IS NOT FINAL AND IS NOT TO BE USED FOR CONSTRUCTION

DRAWN BY: AAF  
CHECKED BY: ST  
JOB NO.: 280217  
DATE: 09-02-08  
FILE NAME: CHIMES\_RESTORATION.dwg  
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SHEET 4 OF 11