



- NOTES**
- 1) Existing grade to remain
 - 2) Existing grade to be altered
 - 3) Existing soldier piles
 - 4) Back-cut for whaler installation
 - 5) Excavation for tie-back installation access
 - 6) Temporary fill for tie-back installation access
 - 7) Shotcrete whaler
 - 8) Shotcrete pad, typically 9' to 10' tall by 7' wide
 - 9) Upper tie-backs ~ 120' long
 - 10) Lower tie-backs ~ 90' long
 - 11) Soldier pile cap
 - 12) Finish grade
 - 13) Gunite terrace drain
 - 14) One cu ft/ft filter fabric wrapped gravel with 4' Ø perforated drain pipe in a 2' wide, 3' deep trench
 - 15) Shotcrete diaphragm on and between existing soldier piles
 - 16) Drainage channel
 - 17) Retaining wall
 - 18) Temporary excess compacted fill placed prior to forming back cut for tie-back installation
 - 19) Benches for fill placement

- LEGEND**
- TYPICAL CROSS-SECTIONS
 - 5-FOOT FINISH CONTOURS
 - 1-FOOT FINISH CONTOURS
 - TIE-BACK ON WHALERS
 - TIE-BACK ON PADS
 - PAVED SURFACES

	REMEDATION PLAN FERROCARRIL LANDSLIDE MISSION VIEJO, CALIFORNIA (BASE MAP FROM PETRA GEOTECHNICAL, INC.)		
	Proj: 011492-001 Eng/Geol: IP	Scale: 1"=30' Drafted By: BQT	Date: 10/06 CP By: BQT

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PLATE B-1