PROJECT EASTMAN AVENUE, ET AL
STATION HERBERT AVE, 4+62
OFFSET 15 FT. E/O HERBERT AVENUE ℄
ELEVATION ±538 FT.
DATE DRILLED 09/25/02

BORING NO. A-1
LOGGED BY: T.P.C.

Depth (ft.)	Graphic log	Soil Classification. Description	Dry Unit Wt. pcf	Moisture Content %	% Passing No. 4	% Passing No. 200
0		4" AC				
		ML CLAYEY SILT (FILL) stiff, moist, dark brown				
5		BEDROCK (CLAYSTONE/SILTSTONE) highly weathered, moist, light tan	101.4	17.0	97.3	91.9
		@ 5', very stiff clay-like physical properties, trace of coarse sand, grey and orange				
10		@ 10', grey			100.0	97.3
15			104.2	20.2		

End of boring @ 16 ft.
No groundwater encountered
Bedrock encountered @ 2 ft.

PROJECT EASTMAN AVENUE, ET AL
STATION HERBERT AVE, 8+25
OFFSET 7 FT. W/O HERBERT AVENUE ℄
ELEVATION ±538 FT.
DATE DRILLED 09/25/02

BORING NO. A-2
LOGGED BY: T.P.C.

Depth (ft.)	Graphic log	Soil Classification. Description	Dry Unit Wt. pcf	Moisture Content %	% Passing No. 4	% Passing No. 200
0		4" AC				
		BEDROCK (CLAYSTONE/SILTSTONE) highly weathered, moist, light brown				
5		@ 4', decreased sand content				
		@ 5', very stiff silt-like physical properties	102.5	19.0	100.0	95.8
10		@ 10', very stiff clay-like physical properties	103.1	18.5	99.0	96.4
15		@ 15', grey	99.7	20.5		

End of boring @ 16 ft.
No groundwater encountered
Bedrock encountered @ 4 inches

PROJECT EASTMAN AVENUE, ET AL
STATION DE GARMO DR, 12+04
OFFSET 7 FT. NW/O DE GARMO DRIVE ℄
ELEVATION ±549 FT.
DATE DRILLED 09/25/02

BORING NO. B-1
LOGGED BY: T.P.C.

Depth (ft.)	Graphic log	Soil Classification. Description	Dry Unit Wt. pcf	Moisture Content %	% Passing No. 4	% Passing No. 200
0		4" AC				
		BEDROCK (CLAYSTONE/SILTSTONE) highly weathered, moist, brown				
5		@ 2', encountered 15" diameter abandoned water line				
		@ 5', very stiff silt-like physical properties, yellowish brown	93.8	18.7	100.0	93.0
10		@ 10', very stiff clay-like physical properties	100.2	19.8	100.0	98.2
15			103.9	17.6		

End of boring @ 16 ft.
No groundwater encountered
Bedrock encountered @ 4 inches

PROJECT EASTMAN AVENUE, ET AL
STATION DE GARMO DR, 14+75
OFFSET 0.5 FT. W/O DE GARMO DRIVE ℄
ELEVATION ±575 FT.
DATE DRILLED 09/25/02

BORING NO. B-2
LOGGED BY: T.P.C.

Depth (ft.)	Graphic log	Soil Classification. Description	Dry Unit Wt. pcf	Moisture Content %	% Passing No. 4	% Passing No. 200
0		4" AC				
		BEDROCK (CLAYSTONE/SILTSTONE) highly weathered, moist, brown				
5		@ 4', yellowish brown	95.7	16.3	97.6	91.5
10		@ 10', very stiff clay-like physical properties, greenish brown	98.2	18.3	98.4	95.0
15			96.6	19.8		

End of boring @ 16 ft.
No groundwater encountered
Bedrock encountered @ 4 inches

NOTES

1. Locations of test borings were determined from 80 % submittal drawings for Eastman Avenue, et al., Phase II, David Evans and Associates, Inc., unnumbered, dated June 24, 2002.
2. Group symbols and soil descriptions are based on the Unified Soil Classified System (Standard Plan No. 3093-01). Laboratory classification criteria were used, unless otherwise indicated.
3. Borings were drilled with a hollow stem auger rig using a 6.5-inch O.D. stem.
4. No groundwater was encountered during exploration.
5. Caving conditions could not be determined due to the type of drilling equipment used.
6. Soil conditions in exploratory borings are applicable at the specified locations using above drilling equipment on the date drilled. No warranty is made as to varying soil conditions between and beyond boring locations during excavation operations.

SYMBOLS

Depth to invert

SURVEY NOTES FOR SHEET 3

LEVELS ON HARRIS AVE LATERAL INDEX AS BUILT PAGE 1 OF 3
JOB NO. X2101572 24" RCP

SURVEY LEVELING NOTES

STATION	B.S.	H.I.	F.S.	ELEV.	LT.	RT.	
				℄ HARRIS AVE			
0+98.29				457.00	—	—	BP
1+10.69				457.34	17.0		BC
1+17.66				459.02	13.6		GC PER FIELD CONDITIONS GS #65
1+54.92					—	—	JS 331 (N)
1+70.71					—	—	JS 331 (S)
1+77.26				459.89	1.60		GC PER FIELD CONDITIONS GS #75
1+93.59				460.49		0.20	GC PER FIELD CONDITIONS GS #78
1+97.43				460.87		4.50	EC
2+56.84				466.17		1.0	ANGLE POINT GS78 REVISED SHT 3B
2+74.78				468.56		2.8	BC
3+05.52				473.42		2.0	GC PER FIELD CONDITIONS GS 84
3+97.16				480.80		5.5	EP
4~				481.03			MH321
4+01.83				481.18		5.8	BP/GC
4+75				488.84		9.5	GS REVISED SHT 3B
				℄ HARRIS AVE			
4+84.45				490.22		10.0	EC
4+62.77				516.20		7.0	BC/GC REVISED SHT 3B
6+90.16				518.76	—	—	EP
6+93				519.03	—	—	℄ MH
6+94.83				519.20	—	—	BP
6+99.96				519.68	—	—	EC

SURVEY NOTES FOR SHEET 4

LEVELS ON HARRIS AVE LATERAL INDEX AS BUILT PAGE 2 OF 3
JOB NO. X2101572 24" RCP

SURVEY LEVELING NOTES

STATION	B.S.	H.I.	F.S.	ELEV.	LT.	RT.	
= 0+95.54							
				℄ HARRIS AVE			
1+03.78				520.45	—	—	BC
1+08.82							JS 331(E)
1+20.42				522.01	—	—	GC REVISED SHT 3A GS 38
1+26.02				522.05		4.2	EC
1+55.47				522.29		3.0	BC
2+43.70				523.00		3.0	PRC
3+74.24				524.05		3.0	EP
3+77.08				524.07		3.0	℄ MH ! JS331(E)
3+78.91				524.08		3.0	BP
3+82						3.0	JS 331(W)
				℄ HARRIS AVE			
4+16.82				524.23		3.0	EC

SURVEY NOTES FOR SHEET 5

LEVELS ON HARRIS AVE LATERAL INDEX AS BUILT PAGE 3 OF 3
JOB NO. X2101572 24" RCP

SURVEY LEVELING NOTES

STATION	B.S.	H.I.	F.S.	ELEV.	LT.	RT.	
6+84.12				525.29	—	—	EP
6+86.96				525.30	—	—	℄ MH
6+88.79				525.31	—	—	BP
7+07.50					—	—	JS 331(W)
7+23.16				525.46	—	—	EP
7+26				525.47	—	—	℄ MH
7+27.83				525.48	—	—	END CONST JS 331(S)

DATE	MK	DESCRIPTION
8-15-12	■	AS BUILT REVISIONS

REVISIONS

REGISTERED PROFESSIONAL ENGINEER — RICHARD SUN — NO. C60176 — EXP. 06/30/04 — CIVIL — STATE OF CALIFORNIA

PROJECT ENGINEER 8/7/03 DATE

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

DRAINAGE DISTRICT IMPROVEMENT NO. 26
HARRIS AVENUE LATERAL
LOGS OF BORINGS
PROJECT ID NO. RDC0011687

PCA X2101572 | DWG 118-D16.6 | SHEET 6 OF 6

PD050866

AS BUILT DRAWINGS

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
To Extent Lies Through Effective and Caring Services
4TH FLR, 900 S. FREMONT ALHAMBRA
LEVELS BY: J. HERNANDEZ DATE: 3/13/12 CHECKED BY: REDUCED BY:

DATE | REVIEWED BY | CADD PROJECT FILE NAME FCC0000115/CMED/GBORELOG/SHTG | CHECKER R. SUN | DESIGNER | DRAFTER MARIA ECHEVERRIA