Notes Ck'd by	Survey of	F. B. Pg.
Map No.	JN Tape Std °F	
Office Work	Surveyed by	
Checked	Notes Date	
Date	Indexed	

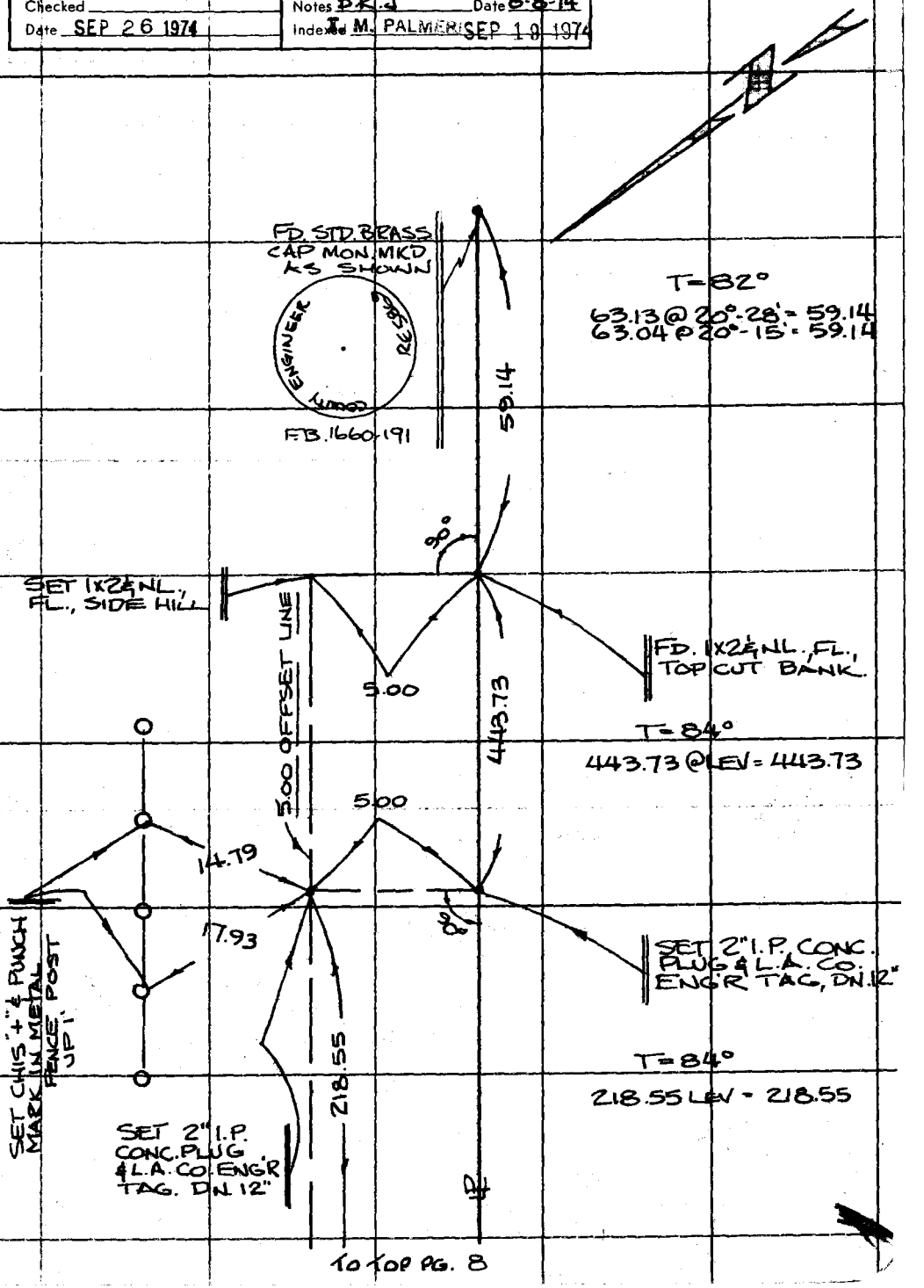
P. W. file Feb. '86

Microfilmed Dec '84.

PWFB 0318 616

Notes Ck'd by R. MANOR	Survey of L.A.CO. BOTANIC GAR. SOUTH ~~BAY~~ COAST
Map No.	JN 9021.16 Tape 711 Std 84 °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J Date 8-8-74
Date SEP 26 1974	Indexed J. M. PALMER SEP 19 1974

F. B. ~~3870~~ PG. 7



TO TOP PG. 8

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W.S 27, D3

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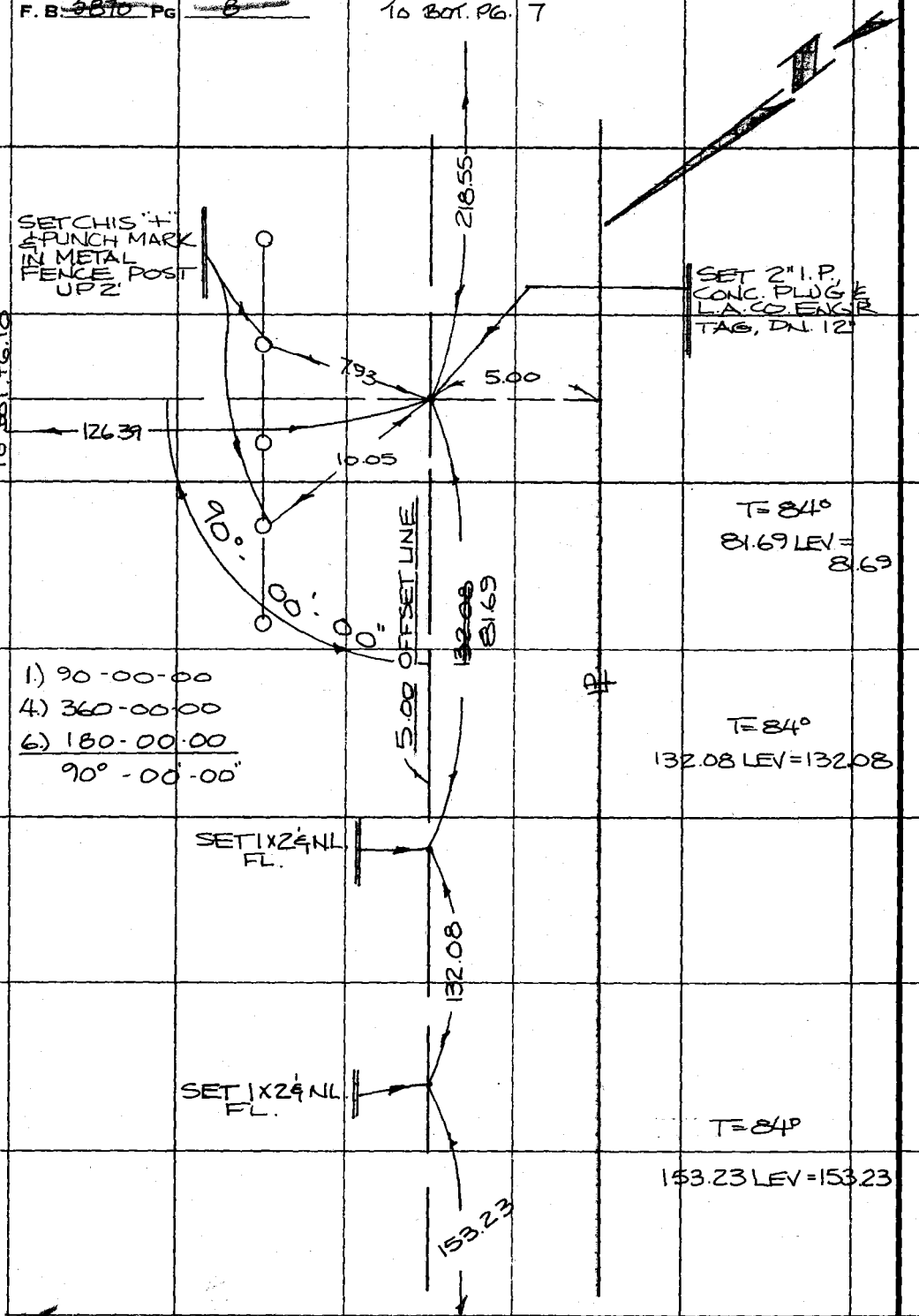
76F3095 CE#310 3-68

PWFB 0318

617

F. B. 3810 PG 8

TO BOT. PG. 7



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PWFB 0318

618

Notes Ck'd by R. MARTIN	Survey of SOUTH COAST BOTANIC GARDENS
Map No.	JN 0021.16 Tape 211 Std 84 °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 8-13-74
Date SEP 26 1974	Indexed J. M. PALMER SEP 19 1974

F. B. 3870 PG. 8

TO BOT. PG. 8

S.00 OFFSET LN.

153.23

SET CHIS "+" & PUNCH MARK IN FENCE POST UP 1'

15.95

SET 2" I.P. CONC PLUG & L.A.CO. ENG'R TAG. DN. 12"

S.02

L

20.14

GATE VALVE

FD. 2" I.P. CONC. PLUG & R.C.E. TAG NO. 9783, PER. TRACT NO. 29839. DN. 14"

NOTE: THIS IS NOT THE SAME PIPE AS SHOWN IN F.B. 1660-190, CSB 2895

470 30

SET PUNCH MARK IN TOP OF GATE VALVE

T = 84°

470.30 LEV = 470.30

SET L.A.CO. ENG'R TAG IN LEAD IN CONC. HEADWALL OF EQUESTRIAN TUNNEL

24.37

T = 84°

24.37 LEV = 24.37

TO TOP PG. 10

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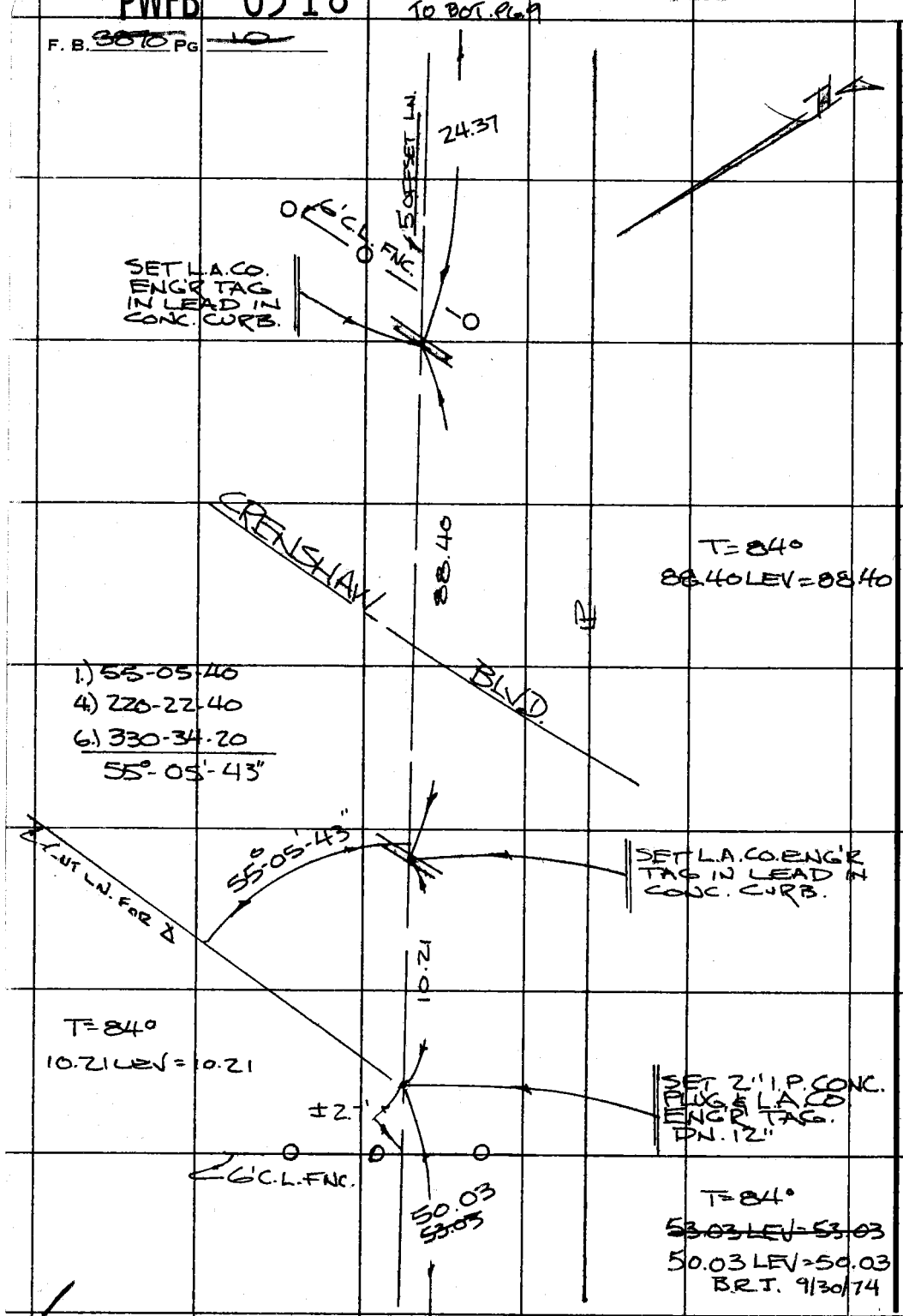
76F309S CE#310 3-69

PWFB 0318

619

F. B. 3870 PG 10



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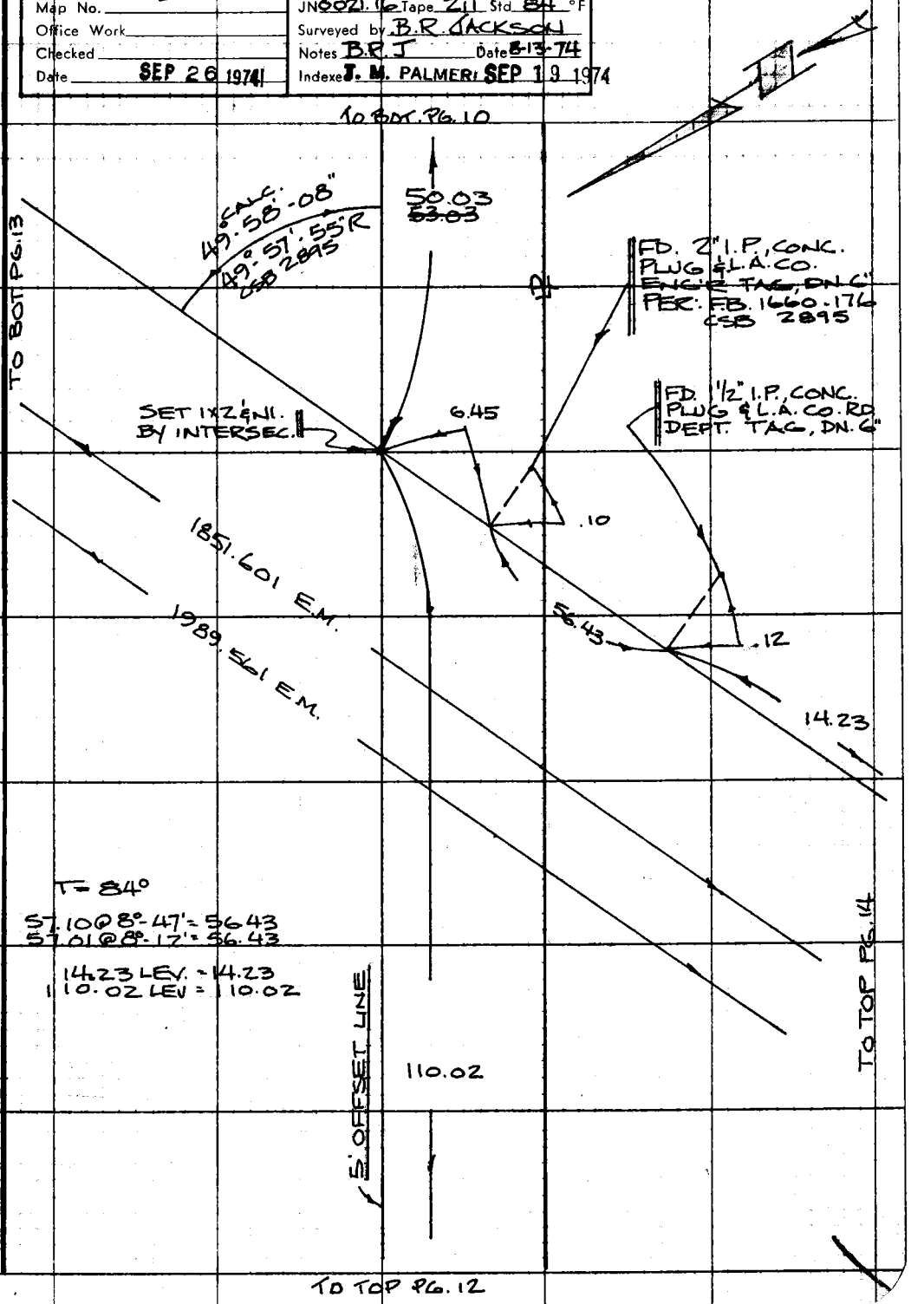
PWFB 0318

620

Notes Ck'd by R. MANOR	Survey of SOUTH COAST BOTANIC GARDENS
Map No.	JN0021.16 Tape 211 Std 84 °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J Date 8-13-74
Date SEP 26 1974	Indexed J. M. PALMER SEP 19 1974

F. B. ~~3870~~ PG. ~~11~~



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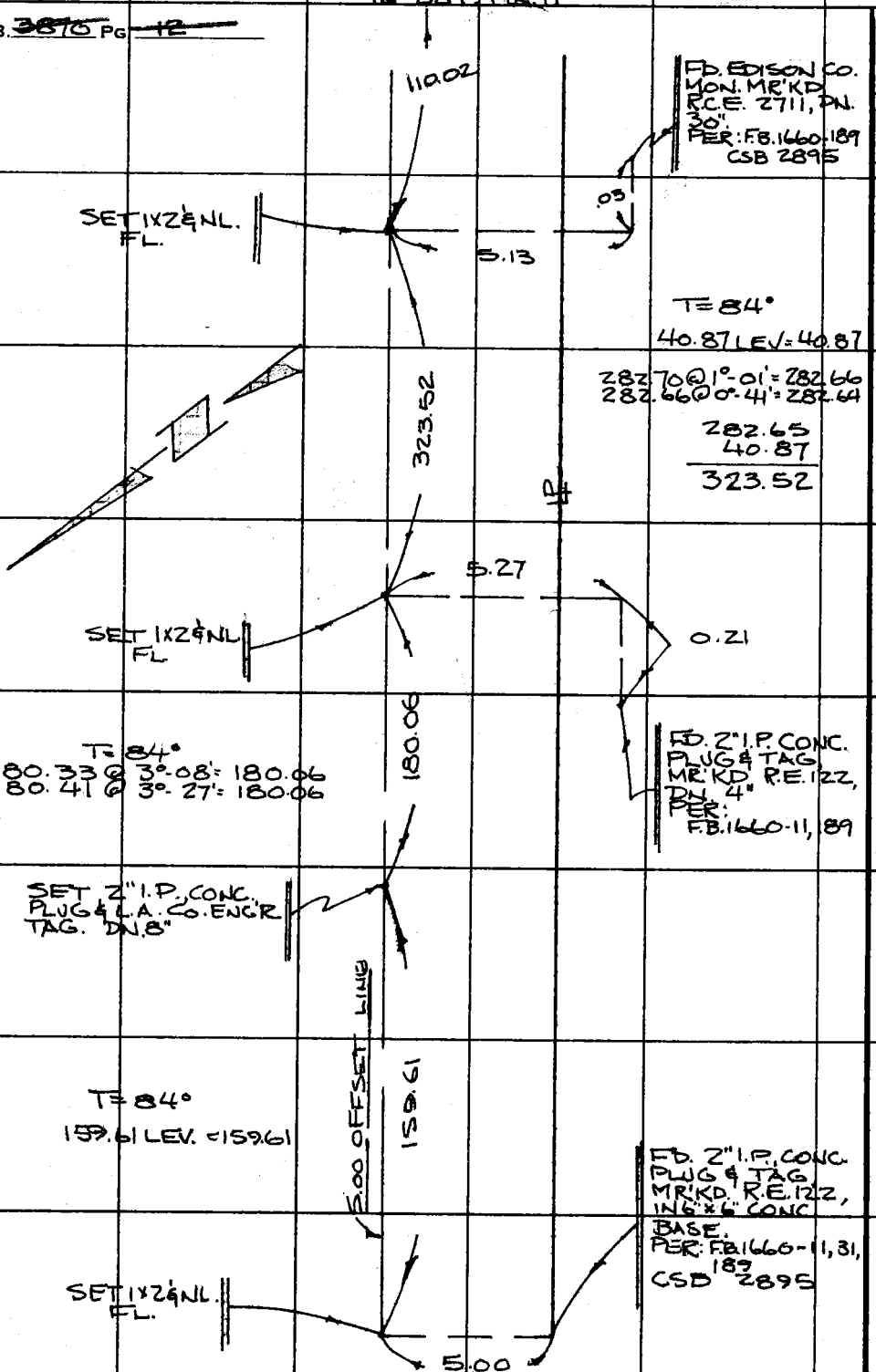
PWFB 0318

To BAT PG 11

621

F. B. 3870 PG 12



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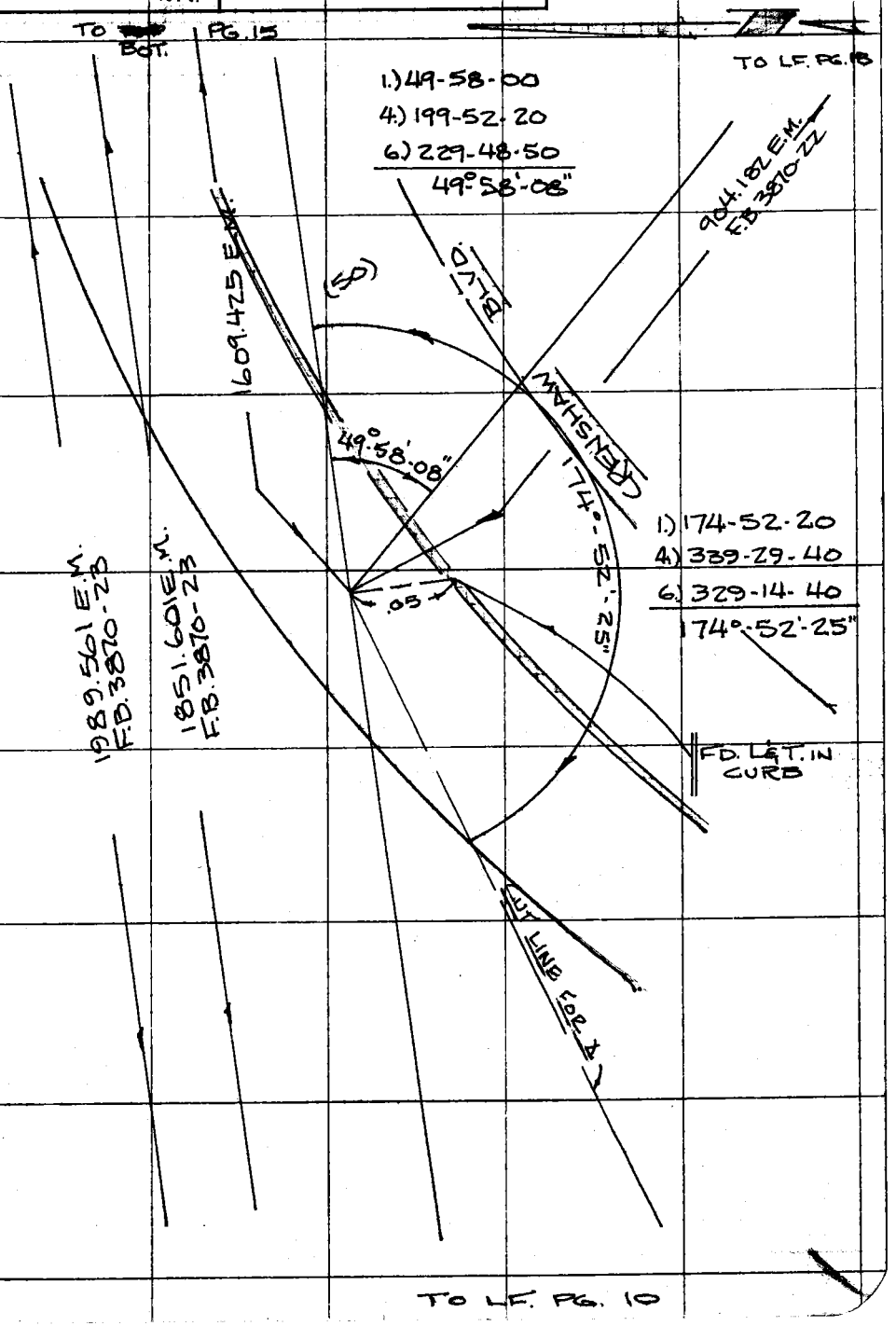
PWFB 0318

622

SOUTH COAST

Notes Ck'd by R. MANOR	Survey of BOTANIC GARDENS
Map No.	JN 0021.16 Tape 211 Std 84 °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 8-13-74
Date SEP 26 1974	Indexed T.M. PALMERI SEP 19 1974

F. B. ~~3870~~ PG. ~~13~~



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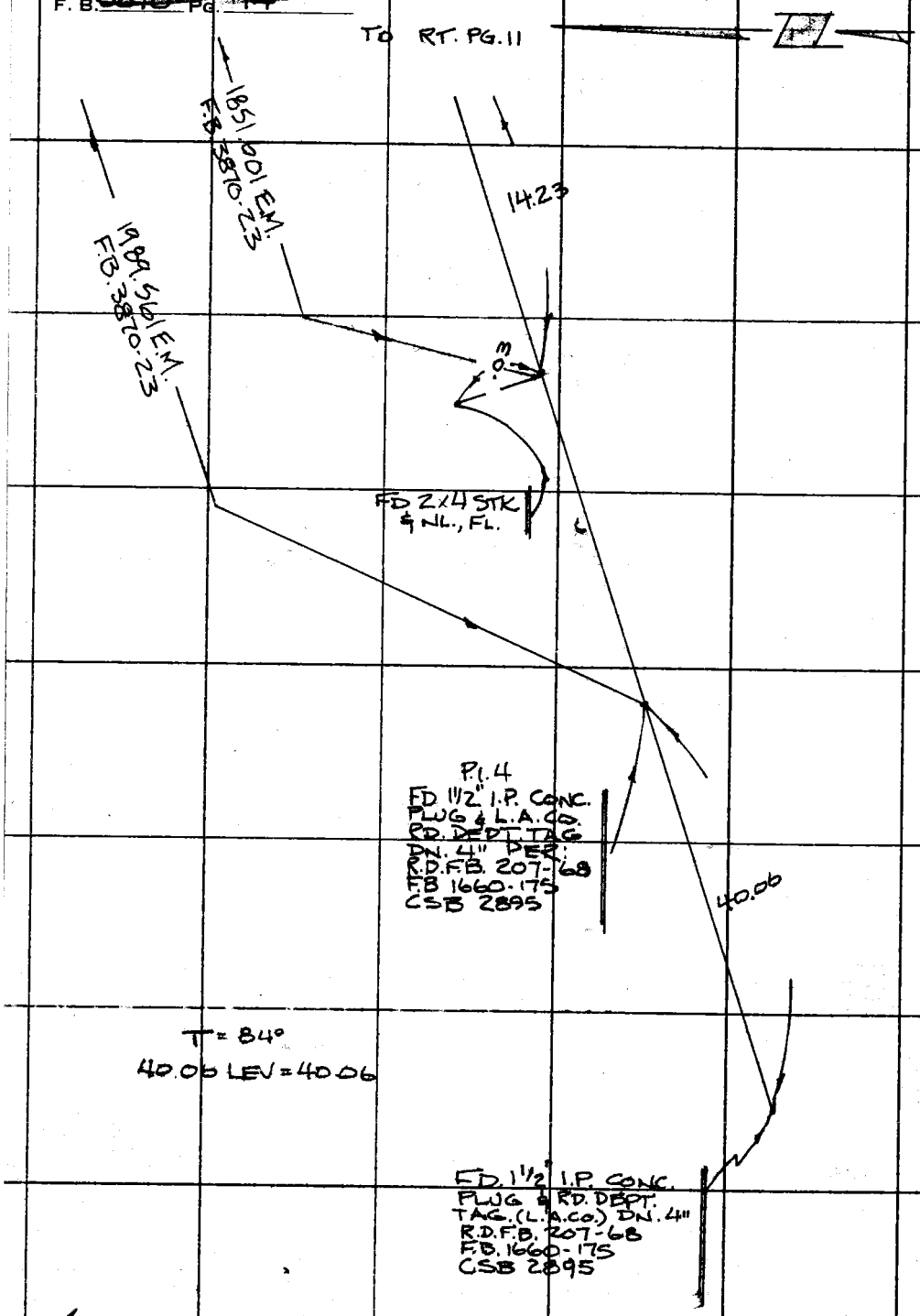
PWFB 0318

623

F. B. 3870 Pg. 14

TO RT. PG. 11



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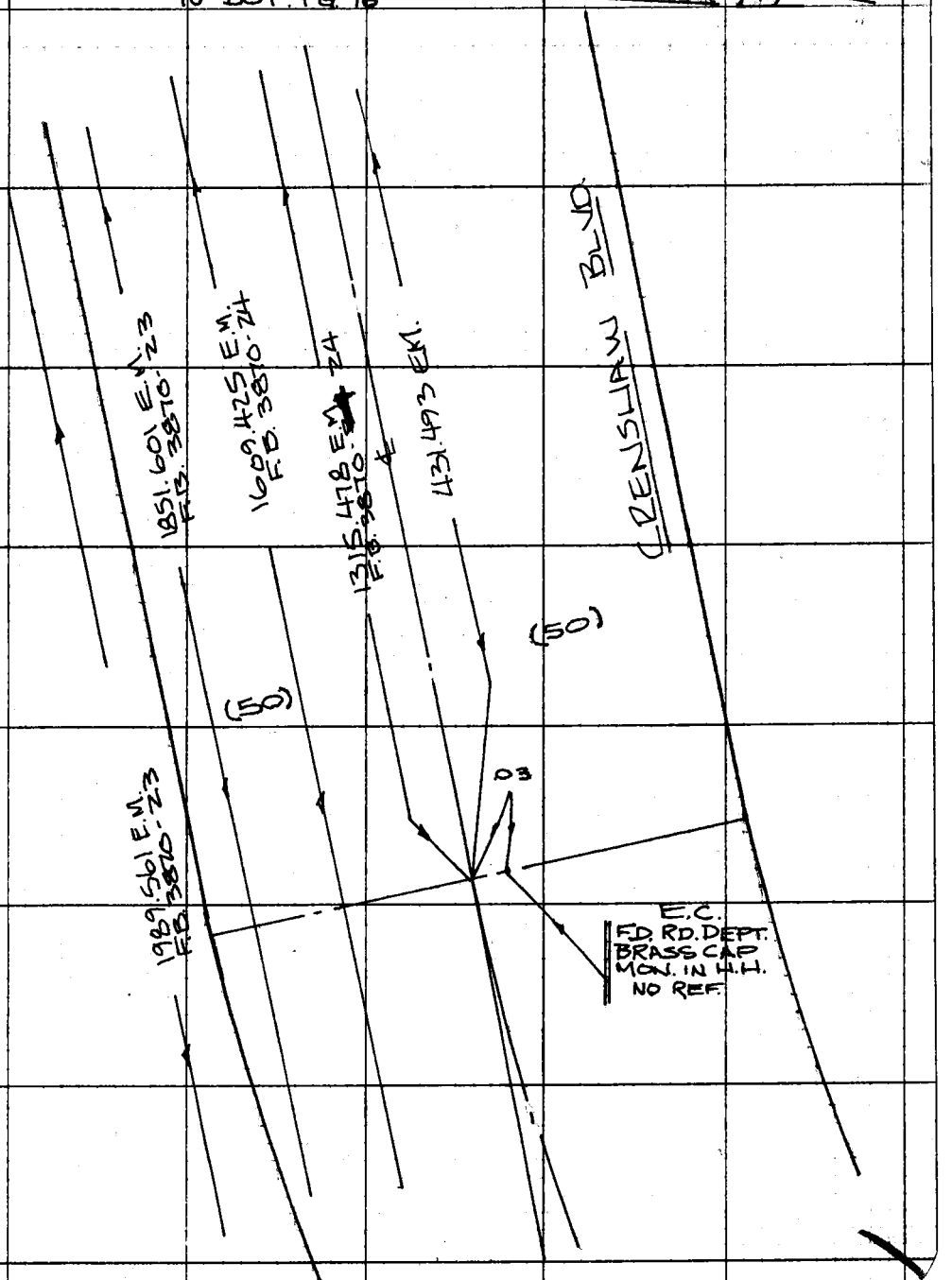
PWFB 0318

624

Notes Ck'd by R. MANOR	Survey of SOUTH COAST BOTANIC GARDENS
Map No.	JN 0021.16 Tape — Std — °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J Date 8-3-74
Date SEP 26 1974	Indexed T.M. PALMERI SEP 19 1974

F. B. 3870 PG. 15

TO BOT. PG. 16



TO TOP PG. 13

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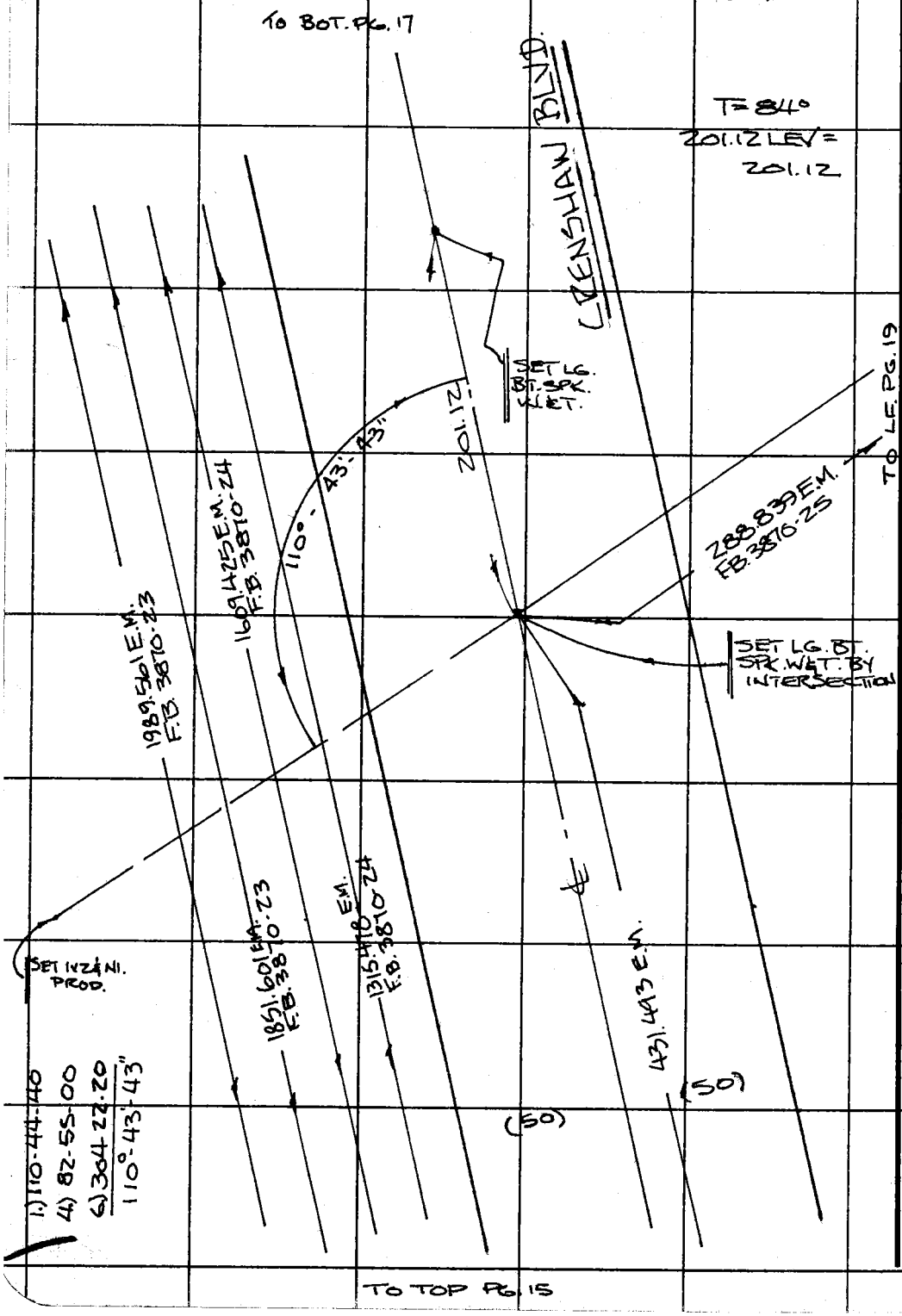
76F309s CE#310 3-69

PWFB 0318

625

F. B. ~~3870~~ PG ~~16~~



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SOUTH COAST 626

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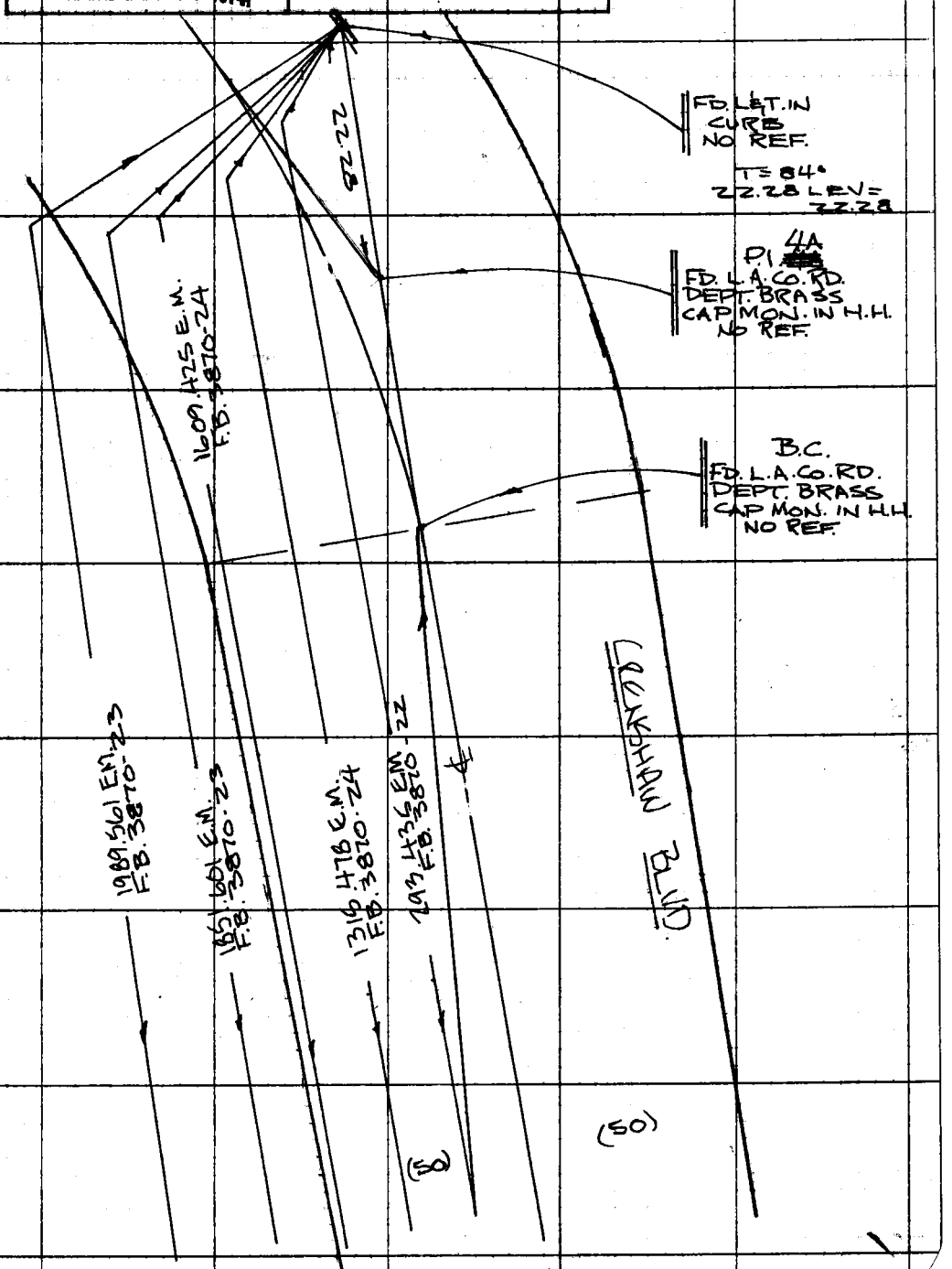
Map No.	JN 0021.16 Tape H.P. Std °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 8-13-74
Date SEP 26 1974	Indexed T. M. PALMER SEP 19 1974

F. B. 3870 PG. 17



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TO TOP PG. 16

76F309S CE#310 3-69

PWFB 0318

627

F. B. ~~3870~~ PG. ~~19~~

"D"

SET 2" I.P. CONC. PLUG & L.A.CO. ENG'R TAG. FL. 2" YELLOW MARK. PIPE ± 2' N.W.

T=84°
165.00 LEV. = 165.00

165.00

1) 90-00-00
4) 360-00-00
6) 180-00-00
90°-00'-00"

90°-00'-00"

144.61

"B"

T=84°
76.00 LEV = 76.00
95.00 " = 95.00
144.61 LEV = 144.61

95.00

SET 1/2" REIN. FL.

SET 2" I.P. CONC PLUG & L.A.Co. ENG'R TAG. FL.

2) 180-00-00
90°-00'-00"

90°-00'-00"

1.) 90-00-00
4.) 360-00-00
6.) 180-00-00
90°-00'-00"

76.00

90°-00'-00"

"C"

"A"

SET 2" I.P. CONC PLUG & L.A.CO. ENG'R TAG. FL. 2" YELLOW MARK. PIPE ± 2' N.W.

SET STD. BRASS CAP BUTTON TOP MON. MK'D R.E. 7078. 2" YELLOW MK. PIPE ± 2' N.W.

302.000 E.M.
F.B. 3870-21

904.182 E.M.
F.B. 3870-22

126.39

T=84°
126.39 LEV. = 126.39

TO LF. PG. 8

TO TOP RT. PG. 13

TO BOT. RT. PG. 19

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SOUTH COAST 628

Notes Ck'd by R. MANOR	Survey of BOTANIC GARDENS
Map No.	JN 0021.16 Tape 2/1 Std 84 °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 8-13-74
Date SEP 26 1974	Indexed T. M. PALMER SEP 19 1974

F. B. ~~3870~~ Pg. ~~42~~

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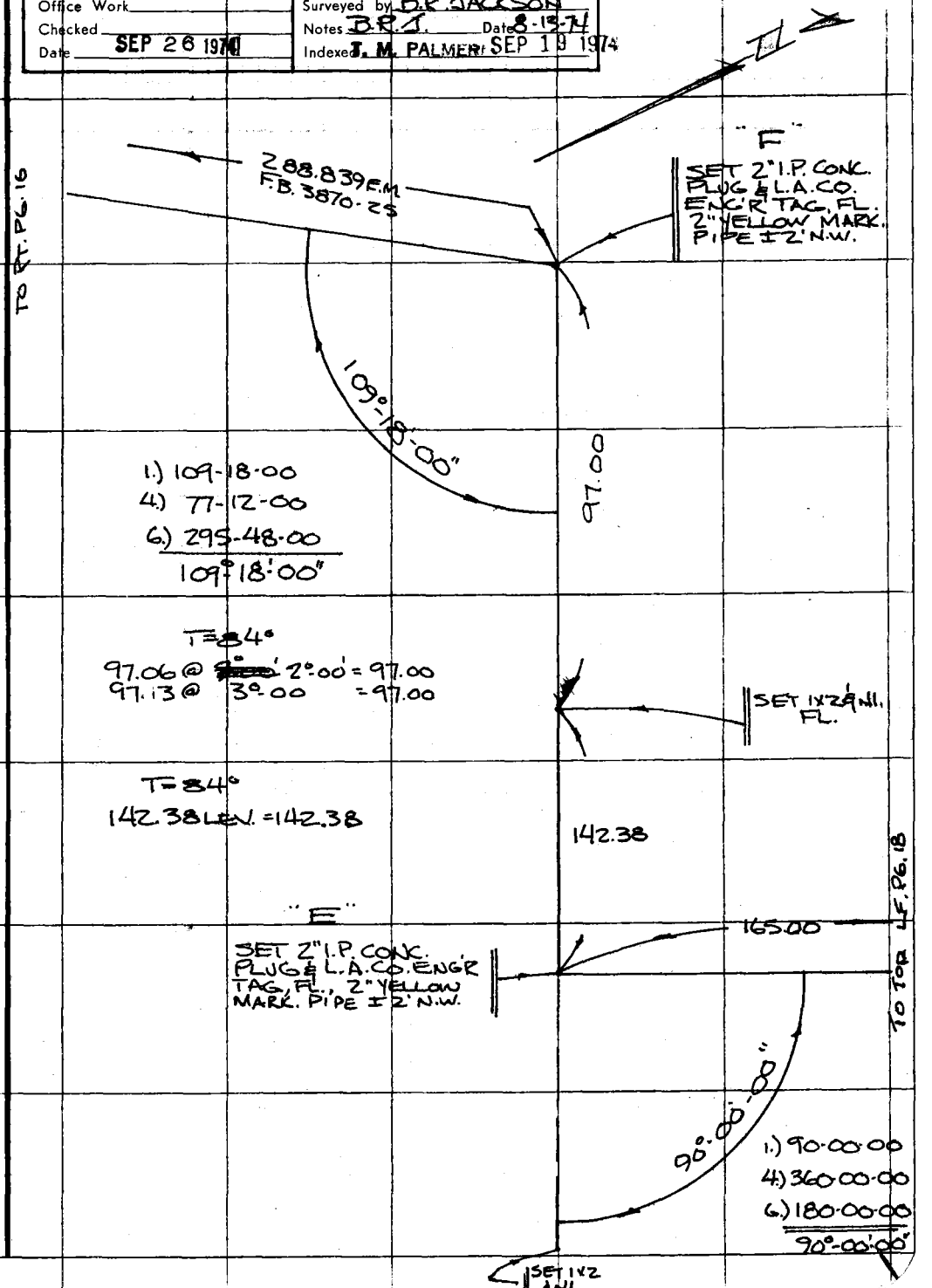

76F309S CE#310 3-69

PWFB 0318

613

Notes Ck'd by R. MANOR	Survey of SOCOAST BOT. GAR.
Map No.	JN 0021.16 Tape 24 Std 84 °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 8-19-74
Date SEP 26 1974	Indexed T. M. PALMERI SEP 19 1974

F. B. 3976 PG. 5

SOUTH COAST BOTANIC GARDENS

J.N. 0021.16

SURVEY TO ESTABLISH CONSTRUCTION CONTROL AT WESTERLY EXTREMITY OF SOUTH COAST BOTANIC GARDENS

REF
F.B. 1660
C.S.B. 2895

19 AUG. 74

PARTY
JACKSON
MCCALL
RODRIGUEZ
HOLLISON
DIETZ

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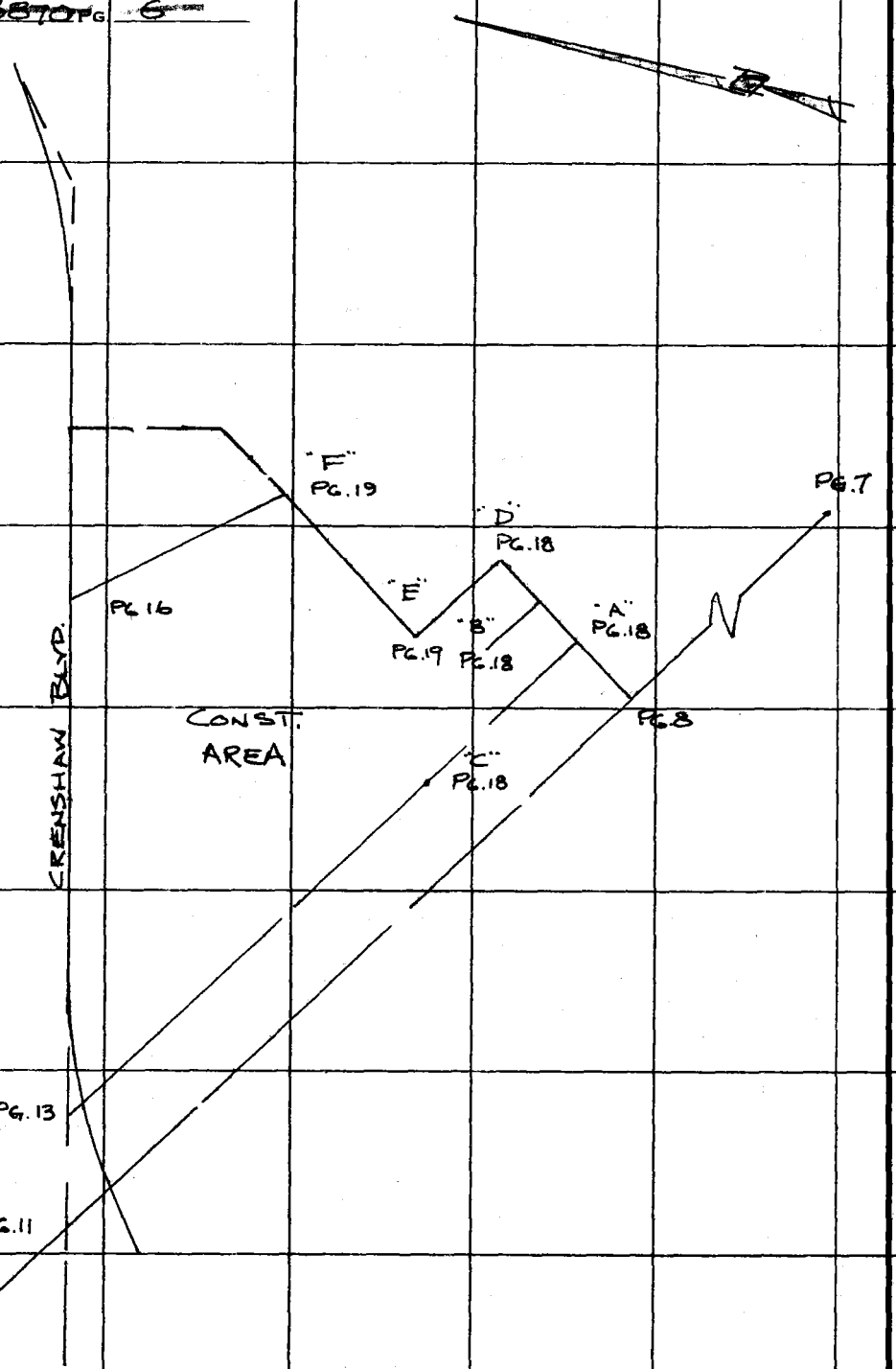
76F309s CE#310 3-69

1

PWFB 0318 614, 615

F. B. 3870 PG 6



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...s Ck'd by	Survey c... SOUTH CO. BOT. GAR.
Map No.	JN 002-61 Tape H.P. Std °F
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 19 AUG. 74
Date	Indexed T. M. PALMERI SEP 19 1974

F.B. 38 3870 PG. 21

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD −BACK	ELEV.
3800A	C.E.MON.	3870-18	MC CALL	5.40		
REFLECTOR	2".I.P.	3870-18	DIETZ			

VERTICAL ANGLE

D	90-15-40
R	269-44-40
S	360-00-20
M	− 00°-15'-30"

METEOROLOGICAL DATA

TEMP. °F	PRESS. IN H.G	P.P.M. COR.
68°	129.5	+10

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET): 3 0 2 0 0 0

HORIZONTAL DISTANCE: 3 0 2 0 0 0

CORRECT HORIZ. DIST.: 3 0 2 0 0 0

SLOPE DISTANCE (FEET):

HORIZONTAL DISTANCE:

CORRECT HORIZ. DIST.:

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD. −BACK	ELEV.
3800A	INTER.	3870-16	McCALL			
REFLECTOR	E.C.	3870-15	DIETZ			

VERTICAL ANGLE

D	87-45-15
R	272-15-50
S	360-01-0~~8~~5
M	+02°-15'-12"

METEOROLOGICAL DATA

TEMP. °F	PRESS. IN H.G.	P.P.M. COR.
76°	29.7	+15

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET): 4 3~~2~~ 1 8 2 7~~2~~

HORIZONTAL DISTANCE: 4 3 1 4 9 3

CORRECT HORIZ. DIST.: 4 3 1 4 9 3

SLOPE DISTANCE (FEET):

HORIZONTAL DISTANCE:

CORRECT HORIZ. DIST.:

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CENTERLINE NOTES
CE 310
76F3095-4/73

Notes Ck'd by	Survey of COAST L.A.CO. BOTANIC GAR F.B. 3870 PG. 22
Map No.	JN 0021.16 Tape H.P. Std °F 3870
Office Work	Surveyed by B.R. JACKSON
Checked	Notes B.R.J. Date 13AUG.74
Date	Indexed T. M. PALMER SEP 19 1974

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD −BACK	ELEV.
3800A	LT CURB (P.I. PROD)	3870-17	TOLLISON	5.23		
REFLECTOR	B.C	3870-17	DIETZ			

VERTICAL ANGLE

D	89-26-00
R	270-35-00
S	360-01-00
M	00°-34'-30"

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
74°	29.8	+10

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET): 2934504

HORIZONTAL DISTANCE: 2934345

CORRECT HORIZ. DIST.: 2934345

SLOPE DISTANCE (FEET):

HORIZONTAL DISTANCE:

CORRECT HORIZ. DIST.:

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD. −BACK	ELEV.
3800A	C.E. MON.	3870-18	TOLLISON	5.40		
REFLECTOR	L. & T. CURB P.O.S.T.	3870-13	DIETZ			

VERTICAL ANGLE

D	~~90-16-40~~
R	~~269-44-20~~
S	~~360-01-00~~
M	~~00°-43'-50"~~

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
74°	29.8	+10

VERTICAL ANGLE

D	90-14-30
R	269-45-40
S	360-00-10
M	00° 14' 25"

SLOPE DISTANCE (FEET): ~~8704250~~

HORIZONTAL DISTANCE: ~~8703054~~

+.05

CORRECT HORIZ. DIST.: ~~8703054~~

SLOPE DISTANCE (FEET): 9041900

HORIZONTAL DISTANCE: 9041822

CORRECT HORIZ. DIST.: 9041822

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CENTERLINE NOTES
CE 310
76F3095-4/73

Notes Ck'd by _____
Map No. _____
Office Work _____
Checked _____
Date _____

Survey of S. COAST BOTANIC GARDENS
JN 0021.6 Tape H.P. Std _____ °F
Surveyed by B.R. JACKSON
Notes B.R.J. Date 13 AUG. 74
Indexed T. M. PALMERI SEP 19 1974

F.B. 3870 PG. 23
3870

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD −BACK	ELEV.
3800A	L&T CURB (P.I. PROD)	3870-17	TOLLISON	5.23		
REFLECTOR	P.I. 4	3870-14	DIETZ			

VERTICAL ANGLE

D	88-09-40
R	271-51-20
S	360-01-00
M	+ 01°-50'-50"

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
74°	29.8	+10

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET): 1990595

HORIZONTAL DISTANCE: 1989561

CORRECT HORIZ. DIST.: 1989561

SLOPE DISTANCE (FEET):

HORIZONTAL DISTANCE:

CORRECT HORIZ. DIST.:

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD. −BACK	ELEV.
3800A	L&T CURB (P.I. PROD)		TOLLISON	5.23		
REFLECTOR	2"x4" & NI.		DIETZ			

VERTICAL ANGLE

~~D~~	~~88-06-40~~
~~R~~	~~271-54-20~~
~~S~~	~~01°-53'-50"~~
~~M~~	

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
74°	29.8	+10

VERTICAL ANGLE

D	88-06-40
R	271-54-20
S	360-01-00
M	+ 01° 53'-50"

SLOPE DISTANCE (FEET): 1852617

HORIZONTAL DISTANCE: 1851601

CORRECT HORIZ. DIST.: 1851601

SLOPE DISTANCE (FEET):

HORIZONTAL DISTANCE:

CORRECT HORIZ. DIST.:

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403 LOS ANGELES COUNTY ENGINEERING BLDG.

CENTERLINE NOTES
CE 310
76F3095-4/73

Notes Ck'd by	Survey of COAST L.A.Co.BOT.GAR.	F.B. 3870	PG. 24
Map No.	JN0021.16 Tape H.P. Std °F	3870	
Office Work	Surveyed by B.R. JACKSON		
Checked	Notes B.R.J Date 13 AUG 74		
Date	Indexed T. M. PALMERI SEP 19 1974		

	STATION	F.B.	OBSERVER	H.T.	ECCENTRICITY +AHD −BACK	ELEV.
3800A	LT CURB (P.I. PROD)	3870-17	TOLLISON	5.23		
REFLECTOR	LT. CURB [redacted] P.O.S.T	3870-13	DIETZ			

VERTICAL ANGLE

D	88-19-20
R	271-41-40
S	360-01-00
M	+01° 41'-10"

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
74°	29.8	+10

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET) 1610122

HORIZONTAL DISTANCE 1609425

CORRECT HORIZ. DIST. 1609425

SLOPE DISTANCE (FEET)

HORIZONTAL DISTANCE

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD. −BACK	ELEV.
3800A	LT CURB (P.I. PROD)	3870-17	TOLLISON	5.23		
REFLECTOR	E.C.	3870-15	DIETZ			

VERTICAL ANGLE

D	88-49-20
R	271-11-40
S	360-01-00
M	+01°-11'-10"

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
74°	29.8	+10

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET) 1315760

HORIZONTAL DISTANCE 1315478

CORRECT HORIZ. DIST. 1315478

SLOPE DISTANCE (FEET)

HORIZONTAL DISTANCE

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CENTERLINE NOTES
CE 310
76F3095-4/73

Notes Ck'd by _____
Map No. _____
Office Work _____
Checked _____
Date _____

Survey of: ~~SD.~~ COAST BOTANIC GAR
JN 00216 Tape H.P. Std _____ °F
Surveyed by B.R. JACKSON
Notes B.R.J. Date 19AUG.74
Indexed T. M. PALMERI SEP 19 1974

F.B. 387 PG. 25

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD −BACK	ELEV.
3800A	INTER.	3870-16	MC CALL			
REFLECTOR	2" I.P.	3870-19	RODRIG.			

VERTICAL ANGLE

D	83-40-40
R	276-20-10
S	360-00-50
M	+06-19-45"

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.
76°	29.7	+15

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET) 2906.10

HORIZONTAL DISTANCE 2888.39

CORRECT HORIZ. DIST. 2888.39

SLOPE DISTANCE (FEET)

HORIZONTAL DISTANCE

CORRECT HORIZ. DIST.

	STATION	F.B.	OBSERVER	H.I.	ECCENTRICITY +AHD. −BACK	ELEV.
3800A						
REFLECTOR						

VERTICAL ANGLE

D	
R	
S	
M	

METEOROLOGICAL DATA

TEMP. °F.	PRESS. IN H.G.	P.P.M. COR.

VERTICAL ANGLE

D	
R	
S	
M	

SLOPE DISTANCE (FEET)

HORIZONTAL DISTANCE

CORRECT HORIZ. DIST.

SLOPE DISTANCE (FEET)

HORIZONTAL DISTANCE

CORRECT HORIZ. DIST.

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CENTERLINE NOTES
CE 310
76F3095-4/73

Profile No. ____ X-Sec. No. ____ | Notes Red ____ Date ____ | Plotted ____ Date ____ | Job No. 9861.14 Division No. 11 | F.B. 3870 Pg. 27

Notes Chkd. ____ Date ____ | Checked ____ Date ____ | Survey of South Coast Botanic Gardens | Survey by R.L. Strader Notes R.L.S. Date 8-8-74 | Map No. ____ Indexed M. PALMER Date SEP 19 1974

SOUTH COAST BOTANIC GARDENS

J.N. 9861.14

Vertical control in area Southerly of Crenshaw Blvd. @ Westerly extremity of South Coast Botanic Gardens property for plane table sheets H-75-3 and H-75-4

AUGUST 8, 1974

STATION	B.S.	H.I.	F.S.	ELEV.

REF.
F.B. 1660
F.B. 3421

SURVEY PARTY
R. STRADER
R. DOUER
K. CROWE
H. JACKSON

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76-1299 CE 307 3-61

76-L298 CE 307 3-61

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F.B. 3870 Pg. 28 | Job No. 984.14 | Division No. 11 | Notes Red | Plotted | Profile
Survey of South Coast Botanic Gardens | Date | Date | No.
Survey by R.L. Strader | Notes | Notes Chkd. | Checked | X-Sec.
Indexed M. PALMERI | Date SEP 19 1974 | Date | Date | No.

STATION	B.S.	H.I.	F.S.	ELEV.	
BM 49-5	6345	428 171		421 826	BM 49-5 Elev. = 421.826 1970 ADJ. Palo Verde Area @ N.E. Corner of Crenshaw Blvd. and Palo Verde Drive North, 48.8 feet S.E. of approx ℄ of Crenshaw Blvd., 101.5 feet N.E. of Palo Verde Drive North, 4.5 feet SE'ly of P.P. (No Number). A standard C.S. Brass cap stamped BM 49-5, 1955, R.E. 5869 Flush with dirt surface per F.B. 3700-21, F.B. 1660-238 F.B. 3421-184
TP	6131	428 748	5554	422617	
TP	2380	425 046	6082	422666	
TP	3971	421 537	7480	417566	
TP	6017	416 567	10987	410550	1x1
2" I.P.	10750	421 396	5921	410646	Fd. 2" I.P. cem. plug & R.E. 122 tag, dn. 24". Per F.B. 1660-190 — Held on nail
TP	4254	422 811	2839	418557	1x1
TP	7068	426 428	3451	419360	
TP	1221	415 919	11730	414698	1x1
TP	4337	415 094	5162	410757	
TP	1099	404 842	11351	403743	
Co. Engineer Monument	10555	406 222	9175	395667	Fd. Co. Eng'r. mon., dn. 20", @ angle point of Southerly boundary of South Coast Botanic Gardens Property per F.B. 1660-191, F.B. 3421-184
TP	11097	407 170	10149	396073	1x1
TP	5921	411 035	2056	405114	1x1
T.B.M. S-1	7108	414 313	3830	467205	T.B.M. S-1 Set small boat spike in lead in SE'ly corner of conc. pad on S'ly side of Comfort Station
Co. Eng'r. Mon. 10K 11K	10L 11L		3167	411146	See F.B. 1660-260 for description

76-L298 CE 307 3-61

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STATION	B. S.	H. I.	F. S.	ELEV.	
Co. Eng'r. 10L 11L Mon. 10K 11K	4928	416074		411146	Rd. Co. Eng'r. Grid System Monument, dn. 2", per F.B. 1660-260
Co. Eng'r. 10O 11O Mon. 10N 11N	4149	414514	5709	410365	F.B. 1660-259
Co. Eng'r. 10P 11P Mon. 10O 11O	0854	409284	6084	408430	F.B. 1660-259
TP	0780	398838	11226	398058	1x1
TP	0522	387596	11764	387074	1x1
TP	1248	377443	11401	376195	1x1
TP	6039	377066	6416	371027	Sq. head spike in pavement
T.B.M. S-2	9781	382157	4690	372376	T.B.M. S-2 @ Crenshaw Blvd. entrance to Botanic Gardens, 99° feet S'ly of approx. Crenshaw Blvd. ℄, 125° feet SW'ly of a fire hydrant in S.E. Cor., 58° feet SW'ly of catch basin manhole on S'ly side of Crenshaw Blvd. Set small boat spike in lead at E'ly end of catch basin curb on N'ly side of entrance road.
Lead & tack	9861	385188	6830	375327	On Crenshaw Blvd., Southerly curb, 200° feet ± Westerly of entrance to Botanic Gardens, 550° feet ± Easterly of Equestrian underpass. Fd. lead & tack in chiseled-out square of curb.
TP	6415	390754	0849	384339	
Lead & tack	11317	398250	3821	386933	On Crenshaw Blvd., Southerly curb, 295° feet ± Easterly of Equestrian underpass, 35° feet ± Westerly of curb E.C. lead & tack. Fd. lead & tack in chiseled-out square of curb
Lead & tack	11990	409600	0640	397610	On Crenshaw Blvd., Southerly curb, 150° feet ± Easterly of Equestrian underpass, 180° feet ± Westerly of curb E.C. lead & tack. Fd. lead & tack in chiseled-out square @ Westerly end of catch basin curb. No ref.
TP	11964	420335	1229	408371	
TP			0381	419954	

Profile No. ____ Notes Red ____ Plotted ____ Job No. 8861.14 Division No. 11 F.B. 3870 Pg. 29
Date ____ Date ____ Survey of South Coast Botanic Gardens
X-Sec. No. ____ Notes Chkd. ____ Checked ____ Survey by R.L. Strader Notes R.L.S. Date 8-8-74
Date ____ Date ____ Map No. ____ Indexed M. PALMER Date SEP 19 1974

76-L298 CE 307 3-61

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STATION	B.S.	H.I.	F.S.	ELEV.		
	7541	427 495		419954		
	5831	427 765	5561	421934		
BM 49-5			5915	421850	BM 49-5 For description see F.B. 3870-28	
	ADDITIONAL ELEVS. FOR CONST.					9-19-74
(FD) T.B.M. S-1	7.710	414.915		407.205	(FD) T.B.M. S-1 EL = 407.205 (SEE PG. 28)	
CO. ENGR 10L 11L MON 10K 11K	4.571	415.716	3.770	411.145	(FD.) EL = 411.146 (SEE PG. 28)	
(SET) PT. "A"	5.254	415.320	5.650	410.066	(SET) PT. "A" (SEE PG. 18)	
PT. "B"	6.008	415.830	5.498	409.822	PT "B" " " "	
PT. "C"	6.060	415.215	6.675	409.155	PT. "C" " " "	
PT. "E"	3.013	413.681	4.547	410.668	PT. "E" (SEE PG. 19)	
T.P.	3.578	407.611	9.648	404.033		
PT. "F"	11.775	412.682	6.704	400.907	PT. "F" (SEE PG. 19)	
PT. "D"	5.103	415.765	2.020	410.662	PT. "D" (SEE PG. 18)	
CO. ENGR 10L 11L MON 10K 11K			4.632	411.133	EL = 411.146 (SEE ABOVE)	

F.B. 3870 PG. 30

Job No. 9861.14 Division No. 11 Notes Red Plotted Profile

Survey of South Coast Botanic Gardens Date Date No. X-Sec.

Survey by R.L. Strader Notes R.L.S. Notes Chkd. Checked

Indexed T. M. PALMERI Date SEP 19 1974 Date Date No.

76-L298 CE 307 3-61

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ADDITIONAL ELEV. FOR P.T. SHEET

STATION	B. S.	H. I.	F. S.	ELEV.	
B.M. 49-5	5.121	426.947		421.826	BM 49-5 EL = 421.826 1970 ADJ. PALO VERDE AREA @ N.E. CORNER OF CRENSHAW BLVD. AND PALOVERDE DRIVE NORTH, 48.8 FEET SO. EAST OF APROX ℄ OF CRENSHAW BLVD., 101.5 FEET N.E. OF PALOVERDE DR. NORTH, 45 FEET S.E. ly OF P.P. (NO #) A STD. C.S. BRASS CAP STAMPED "BM. 49-5, 1955, R.E. 5869" FLUSH WITH DIRT SURFACE PER F.B. 3760-21, F.B. 1660-238, F.B. 3421-184
T.P.	6.959	432.094	1.812	425.135	
T.P.	7.641	436.352	3.383	428.711	
T.P.	6.867	442.829	0.390	435.962	
T.P.	3.206	442.265	3.770	439.059	
T.P.	0.520	432.885	9.900	432.365	SET T.B.M S-0 EL =
T.B.M. S-0			10.060	422.825	PALO VERDE AREA @ CUL-DE-SAC OF BRANDING IRON LANE, IN THE WEST CURB LINE, N.E. OF THE N.E. COR TO HSE# 11 36± FT ON THE PROD LINE OF NORTH SIDE OF HSE# 11 @ NORTH EDGE OF DRIVEWAY. 34± FT. FROM RADIUS POINT OF SAID CUL-DE-SAC, 54° FROM THE N.W. COR. OF CATCH BASIN. APROX COORD N 182,155 E 033,228 (THIS T.B.M. SET FOR P.T. SHEET H-75-4)
	1.328	424.151			
T.P.	5.790	423.543	6.398	417.753	
T.P.	0.820	422.071	2.292	421.251	
T.P.	3.958	416.512	9.517	412.554	
T.P.	0.458	410.383	6.587	409.925	FOUND EL = 395.667 F.B. 3870-28
T.P.	1.881	401.005	11.259	399.124	CO. ENGR'S MON, DN 20° @ ANGLE POINT OF SOUTHERLY
COUNTY ENGR'S MON.			5.350	395.655	BOUNDARY OF SOUTH COAST BOTANIC GARDENS PROPERTY PER F.B. 1660-191 F.B. 3421-184
	5.322	400.977			

Profile Notes Red Plotted Job No. 3861.14 Division No. 11
No. X-Sec. Date Date Survey of SOUTH COAST BOTANIC GARDENS
No. Notes Chkd. Date Checked Survey by STRAZER Notes K. CROWE Date AUG 19 1974
Date Map No. Index M. PALMER Date SEP 19 1974

F.B. 3870 Pg. 31

76-L298 CE 307 3-61

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F.B. 3870 Pg. 32 | Job No. 9861.14 Division No. 11 Notes Red Plotted Profile
Survey of SOUTH COAST BOTANIC GARDENS Date Date No. X-Sec.
Survey by STRADER Notes K. CROWE Notes Chkd. Checked
Indexed J. M. PALMER Date SEP 19 1974 Date Date No.

STATION	B. S.	H. I.	F. S.	ELEV.		
		400.977				
T.P.	11.066	408.761	3.282	397.695		
T.P.	3.564	411.357	0.968	407.739		
T.B.M. S-1			4.163	407.194	TBM S-1 EL = 407.205 Fd. SMALL BT. SPK. IN LEAD IN S.E. 1/4 CORNER OF CONC. PAD. ON S'LY SIDE OF COMFORT STATION	F.B. 3870-28

Specs. # 2838-R1

F. B. 3870	PG. 33

Profile No. ______ Notes Red ______ Date ______ Plotted ______ Date ______ Job No 9861.14 Division No. 11

Survey of So. Coast Botanic Gardens

X-Sec. No. ______ Notes Chk'd. ______ Date ______ Checked ______ Date ______ Survey by English Notes E.L. Date 5-29-75

Map No. ______ Indexed ______ Date ______

So. Coast Botanic Gardens

J.N. 9861.14

X-sections to determine the quantity of excess spoil now stockpiled just E'ly. of the proposed Auditorium & Administration Buildings.

Requested by Tony Woodward,
L.A. Co. Facilities Dept.

May 29, 1975

English
Caro
Stroud
Bradley

ELEV. F. S. H. I. B. S. STATION

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76-L-298 CE 307 5-66

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
Pt. "A" = 1+00			π-line			Pt. "D" = 3+20.61
			F.B. 3870-18.			
Pt. "A"	9 67	419 74		410 07	Pt. A, el. = 410.066, F.B. 3870-30.	
0+20			7 1	412 6	T.S.	
			6 9	412 8	" Begin Stockpile	50' R.
			7 3	412 4	"	100' R.
0+50			7 5	412 2	T.S.	π-line
			5 0	414 7	brk.	18' R.
			4 7	415 0	"	50' "
			4 9	414 8	"	83' "
			7 9	411 8	T.S.	100' "
Pt. "A" 1+00			9 7	410 0		π-line
			9 6	410 1	T.S.	13 R.
		+	4 3	424 0	T.S.	38 "
		+	1 6	421 3	"	55 "
			0 6	419 1	"	68 "
			6 6	413 1	brk.	81 "
			6 6	413 1	"	94 "
			8 6	411 1	T.S.	100 "
T.P.	5 38	415 45	9 67	410 07		
1+50			5 1	410 3		π-line

F. B. 3870 Pg. 34 | Specs. # 2838-R1 | Job No. 9861.14 | Division No. 11 | Notes Red | Plotted | Profile
Survey of So. Coast Botanic Gardens | Date | Date | No. | X-Sec.
Survey by English | Notes Ed. | Notes Chk'd. | Checked | No.
Indexed | Date | Date | Date | No.

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		
						π-line
1+50		415 45	5 1	410 3	T.S.	13 R.
		+	10 8	426 2	T.B.	38 "
		+	9 2	424 6	brk.	55 "
			2 2	413 2	"	82 R
			2 2	413 2	"	96 "
			4 1	411 3	T.S.	100 "
T.P. 1+62	5 95	416 40	5 00	410 45		
			6 1	410 3		π-line
			6 1	410 3	T.S.	13 R.
		+	10 1	426 5	T.B.	35 "
		+	9 3	425 7	"	53 "
			3 8	412 6	"	83 "
			3 2	413 2	brk.	95 "
			5 0	411 4	T.S.	100 R
T.P. 2+00	5 00	415 45	5 95	410 45		
			4 7	410 7		π-line
		+	3 0	418 4	T.B.	26 R
		+	2 8	418 2	"	60 "
			3 5	411 9	brk.	80 "
			3 9	411 5	"	90 "
			4 7	410 7	T.S.	95' R.
			4 7	410 7		100' R

Profile Notes Red ____ Plotted ____ Job No. 9861.14 Division No. 11 F. B. 3870 PG. 35
No. ____ Date ____ Date ____ Survey of So. Coast Botanic Gardens
X-Sec. Notes Chk'd. ____ Checked ____ Survey by English Notes Ed Date 5-29-75
No. ____ Date ____ Date ____ Map No. ____ Indexed ____ Date ____

Specs. #2838-R1

76-L-298 CE 307 5-66

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STATION	B. S.	H. I.	F. S.	ELEV.		T-line
2+24		415 45	5 0	410 4	T.S.	T-line
			4 8	410 6	" end stockpile	50 R.
			4 8	410 6	"	100 R.
Pt. "D."			4 79	410 66	Pt. "D", el=410.662, F.B. 3870-30.	

F. B. 3870 Pg. 36

Job No. 9861.14 Division No. 11 Notes Red ____ Plotted ____ Profile ____

Survey of So. Coast Botanic Gardens Date ____ Date ____ No. ____

Survey by English Notes Ed. Notes Chk'd. ____ Checked ____ X-Sec. ____

Indexed ____ Date ____ Date ____ Date ____ No. ____

Specs. # 2838-R1

Notes Grid by	Survey of So. Coast Botanic Garden F.B. 3870
Map No.	JN 7861.14 Tape Std °F
Office Work	Surveyed by English
Checked	Notes English Date 4-28-75
Date	Indexed E. M. PALMER MAR 15 1976

Pg. 37
Specs. No. 2838-R1

Const. Staking Notes

Vertical & Horizontal Control
for Bldg's. as shown.
Fills are to Fin. Fl. Elev.
Used Lenker Rod.

Staking at
Request of
"John Paulos"
Arboret. Co.
Superintendent.

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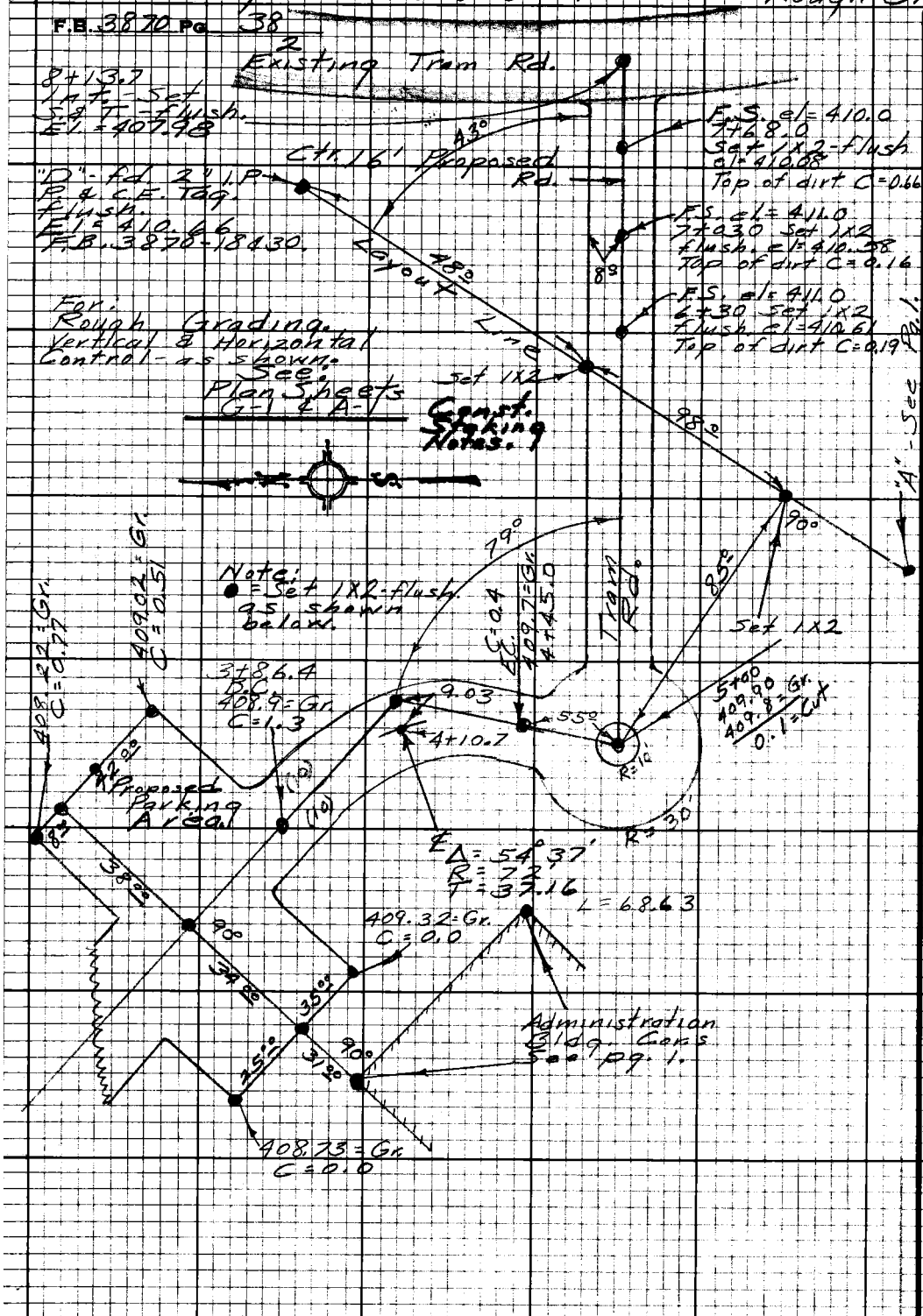
76F3098 CE#310 9/67

Specs. #2838-R1 5-6-75 "Rough Grade Stak."



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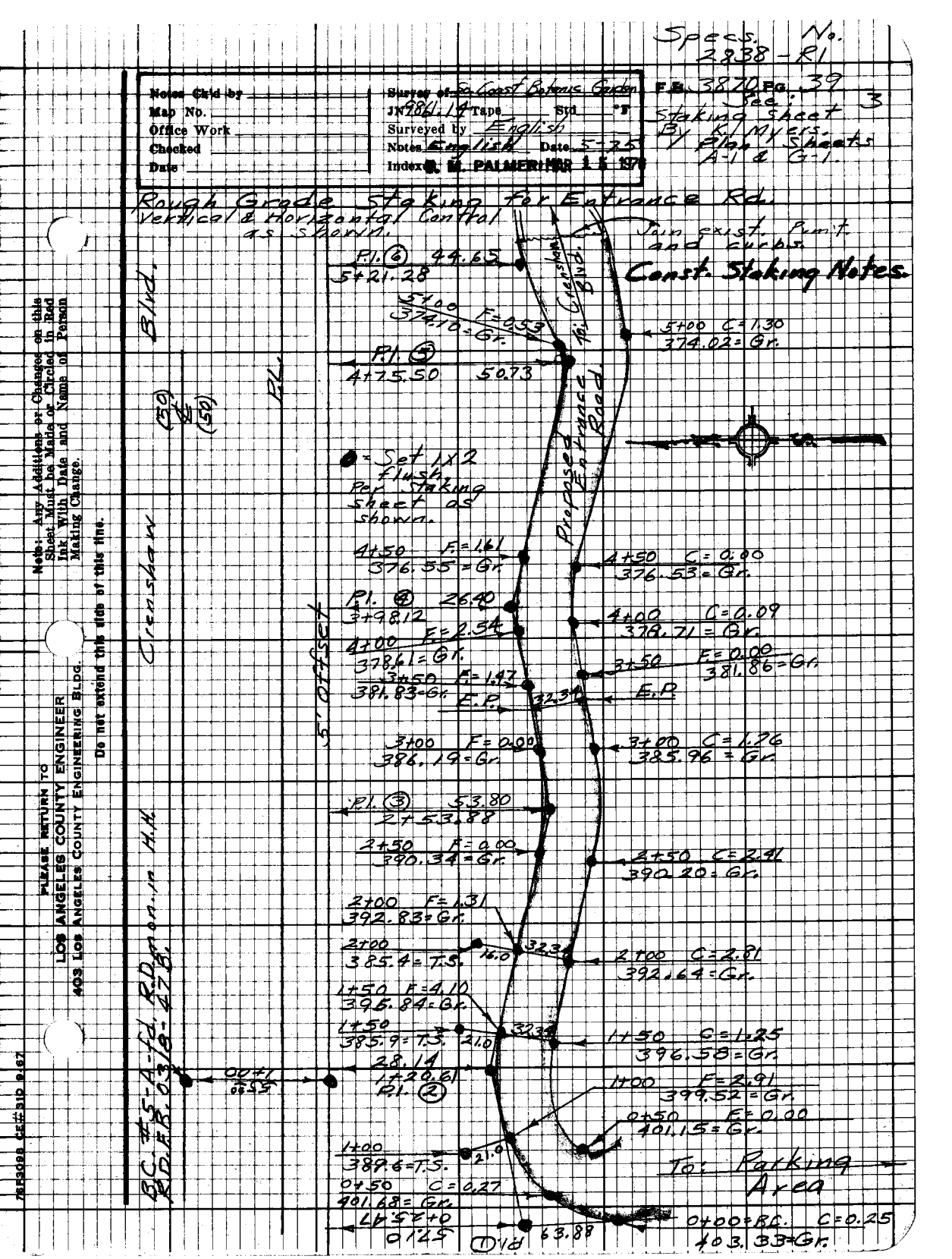
Specs. No. 2938-81
Notes Ckd by
Map No.
Office Work
Checked
Date
Survey of So. Coast Botanic Garden
JN 286.14 Tape Std °F
Surveyed by English
Notes Completed Date 5-25
Index B. M. PALMER HWY 1.5 1976
F.B. 3870 Pg. 39
See Staking Sheet 3 By K. Myers.
Also Plan Sheets A-1 & G-1.
Rough Grade Staking for Entrance Rd.
Vertical & Horizontal Control as Shown.
Sta. exist. Pvmt. and curbs.
Const. Staking Notes.
Blvd.
Crenshaw
P.L.
(50)
(150)
Proposed Entrance Road
16' Curb Line
5' Offset
● = Set 1x2 flush Per Staking Sheet as shown.
P.I. ① 44.65
5+21.28
5+00 F=1.53
374.10=Gr.
5+00 C=1.30
374.02=Gr.
P.I. ②
4+75.50 50.73
4+50 F=1.61
376.55=Gr.
4+50 C=0.00
376.53=Gr.
P.I. ③ 26.40
3+98.12
4+00 F=2.54
378.61=Gr.
4+00 C=0.09
378.71=Gr.
3+50 F=0.00
381.86=Gr.
3+50 F=1.47
381.83=Gr.
E.P.
32.34
E.P.
3+00 F=0.00
386.19=Gr.
3+00 C=1.76
385.96=Gr.
P.I. ④ 53.80
2+53.88
2+50 F=0.00
390.34=Gr.
2+50 C=2.41
390.20=Gr.
2+00 F=1.31
392.83=Gr.
2+00
385.4=T.S.
16.0
32.34
2+00 C=2.81
392.64=Gr.
1+50 F=4.10
396.84=Gr.
1+50
385.9=T.S.
21.0
32.34
1+50 C=1.25
396.58=Gr.
28.14
1+20.61
P.I. ⑤
1+00 F=2.91
399.52=Gr.
0+50 F=0.00
401.15=Gr.
To: Parking Area
1+00
389.6=T.S.
21.0
0+50 C=0.27
401.68=Gr.
0+00=BC. C=0.25
403.33=Gr.
63.88
BC #5-A-1d. R.D. on m.m. H.H.
R.D.E.B. 0+10.42
00+41
00.55
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7R3088 CE#310 9.67

4

Specs. # 2838-R1 5-1-75

F.B. 3870 PG 40

Set 50' Stas

Set 1 x 2 s= ●

Vertical & Horizontal Control as shown — Set Parking Area rough grade = 7"(0.58) below F.S. elevs per Staking Sheet by K. Myers.

Pt. "C", See Pg. 1.

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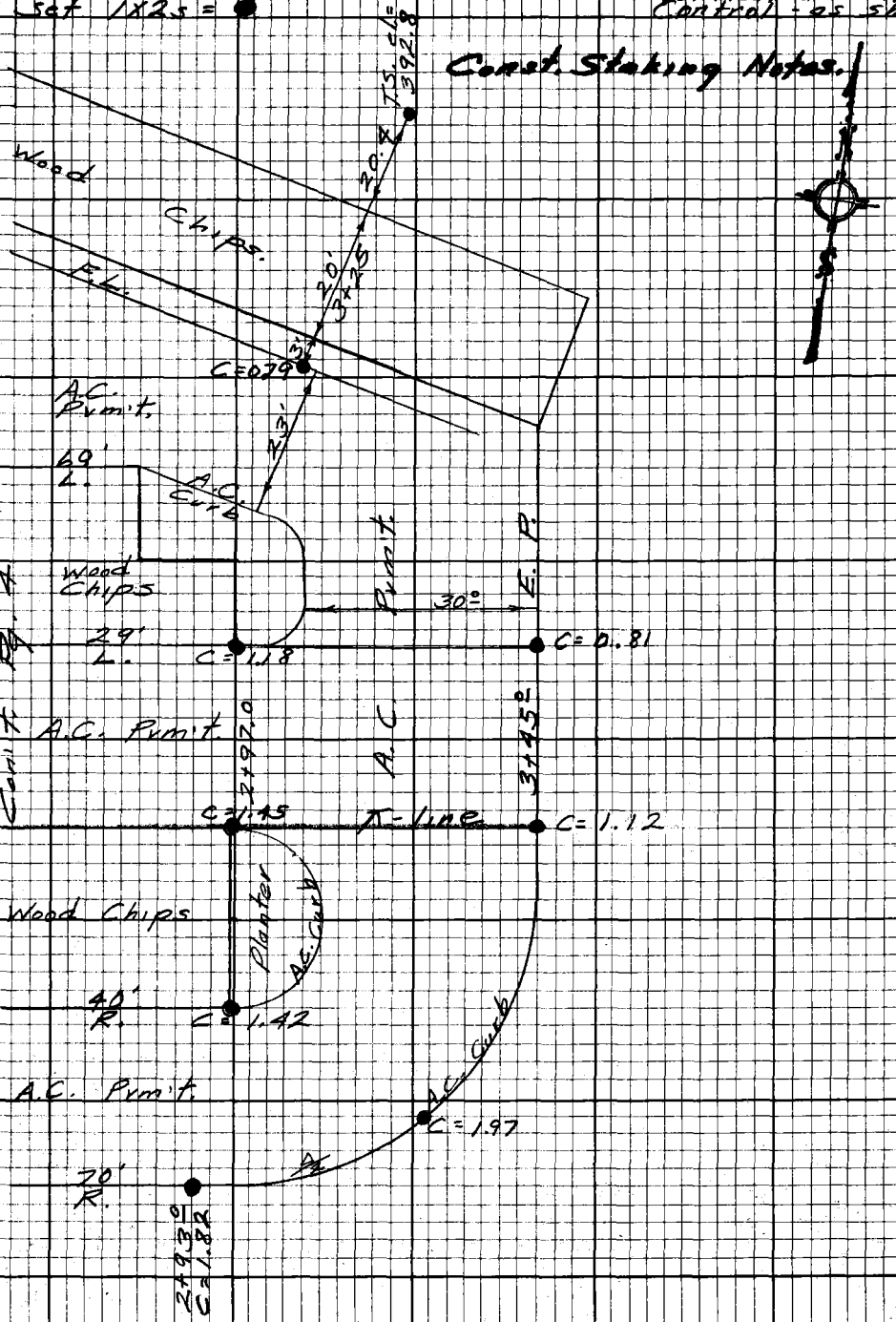
Specs. # 2838-R1

Notes Ck'd by	Survey of So. Coast Botanic Garden
Map No.	JN 9861.14 Tape Std °F
Office Work	Surveyed by English
Checked	Notes English Date 5-1-25
Date	Indexed J. M. PALMERI MAR 15 1976

F.B. 3870 Pg. 41/5

Set Parking Area rough grade = 7" (0.58) below A.S. elevs. per Staking Sheet by K. Myers. Vertical & Horizontal Control - as shown.



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76-L-298 CE 307 2-63

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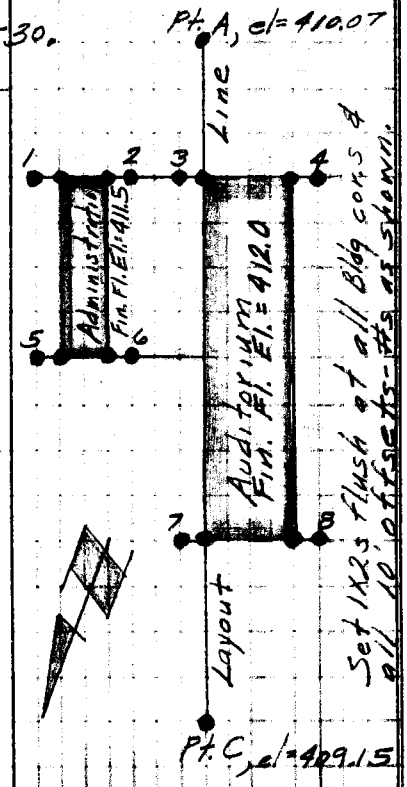
STATION	B. S.	H. I.	F. S.	ELEV.		
2nd Staking of corners & 10' offsets for Auditorium & Administration Buildings - See Pg. 1 for 1st Staking.						
Pt. "A"		Const. Staking Notes.		410 07	Pt. A, el= 410.07, F.B. 3870-30.	
					Grade	Fill
10' Off. # 1				41005	411.50	1.45
" " 2				41044	411.50	1.06
" " 3				41079	412.00	1.21
" " 4				41136	412.00	0.64
" " 5				41010	411.50	1.40
" " 6				41055	411.50	0.95
" " 7				41122	412.00	0.78
" " 8				41119	412.00	0.81



Set 1x2s flush at all Bldg cors & all 10' offsets - #s as shown.

Specs. # 2838-R1

F.B. 3870 Pg. 43

Profile No. X-Sec. No. Notes Red Date Notes Chkd. Date Plotted Date Checked Date Job No. 9861.14 Division No. 11 Survey of So. Coast Botanic Garden Survey by English Notes English Date 6-4-75 Map No. Indexed PALMERI Date MAR 15 1978

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F.B. 3870 Pg. 44 | Specs. # 2838-R1
Survey of So. Coast Botanic Gardens Job No. 2864.14 Division No. 11 Notes Red ____ Plotted ____ Profile
Survey by English Date ____ Date ____ No. ____ X-Sec.
Indexed L. E. PALMER Notes English Notes Chkd. ____ Checked ____ No. ____
Date 6-26-75 Date MAR 15 1976 Date ____

STATION	B.S.	H.I.	F.S.	ELEV.			
Staking Radial Pts. for Parking Lot A.C. curbs - Pg. 11 for Horiz. control. See							
Pt. "C"				409.15	Pt. "C", el = 409.15, F.B. 3870-30.		
					Grade = FS	F. or C.	
Pt. # 1		Const. Staking Notes		408.19	408.42	F = 0.23	Set 1X2 & N.-flush.
2				407.90	407.85	C = 0.05	
3				407.05	406.98	C = 0.07	
4				406.33	406.34	F = 0.01	
5				405.23	405.42	F = 0.19	
6				404.75	404.77	F = 0.02	
7				403.58	404.17	F = 0.59	
8				403.37	403.65	F = 0.28	
9				403.19	403.59	F = 0.40	
10				402.87	403.40	F = 0.53	
11				403.51	403.72	F = 0.21	
12				403.18	403.50	F = 0.32	
13				404.27	403.72	C = 0.55	
14				404.58	404.15	C = 0.43	
15				406.15	405.76	C = 0.39	Note: Grades are mean elev. between B.C. & E.C. elev.s.
~~16~~				~~409.50 T.C.~~	~~409.50 T.C.~~	~~F = 0.65~~	

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Profile Notes Red. ____ Plotted ____ Job No. 9355.14 Division No. 11
No. ____ Date ____ Date ____ Survey of So. Coast Bch. Cities Date 6-17-75
X-Sec. Notes Chk'd. ____ Checked ____ Survey by Carr Notes Art
No. ____ Date ____ Date ____ Map No. ____ Index No. ____ Final M. PALMIERI Date MAR 15 1976

Spec. # 2838-R1 F. B. 3870 Pg. 45

STATION	B. S.	H. I.	F. S.	ELEV.		
Staking of Conc. Swale & Splash Wall 6' offset R.						
		Per	Sheet	2-L		
Pt. "C"				409.15	Pt. "C" Elev. = 409.15, F.B. 3870-30.	
6' offset R.					Grade	C or F
1+00	Begin S. Wall Ft. In. Exist. 24" C.M.P.			395 80	395.3	———
1+24.2	P.O.C.			401 74	398.60	C.=3.14
1+48.4	"			404 42	401.40	C.=3.02
1+72.6	End S. Wall P.C.C.			407 48	404.20	C.=3.28
1+79.6	———			———	405.0	———
2+16.5	P.O.C.			409 00	405.36	C.=3.64
2+60.5	"			409 29	405.79	C.=3.50
2+81	———			———	406.0	———
3+04.5	P.O.C.			408 88	406.23	C.=2.65
3+48.5	"			408 78	406.67	C.=2.11
3+81	———			———	407.0	———
4+12.5	E.C.			408 46	407.11	C.=1.35

Const. Staking Notes.
1. 15" to 18" R.C.P. = 1+72.6 to 2+16.5 = 43.9'
2. 18" to 21" R.C.P. = 2+16.5 to 3+04.5 = 88.0'
3. 21" to 24" R.C.P. = 3+04.5 to 3+81 = 76.5'

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F.B. 3870 Pg. 46 10

Survey of So. Coast Botanic Gardens Division No. 11 Notes Red Plotted Profile
Survey by English Notes English Date Notes Chk'd. Date Checked No. X-Sec.
Indexed PALMER Date MAR 15 1976 Date Date No.
Job No. 986.14

STATION	B. S.	H. I.	F. S.	ELEV.	Grade	C. or F.	
4+31.5				40393	401.5	C. = 1.48	
4+81.				40915	408.0	C. = 1.15	
5+31.0				40922	408.5	C. = 0.72	
5+91.				41058	409.0	C. = 1.88	
6+24.5				41269	410.50	C. = 2.15	
6+63.0				———	412.0	———	

Const. Staking Notes.

(Oct. 29-75)

Construction Staking for 3- Swales, per staking sheet #1

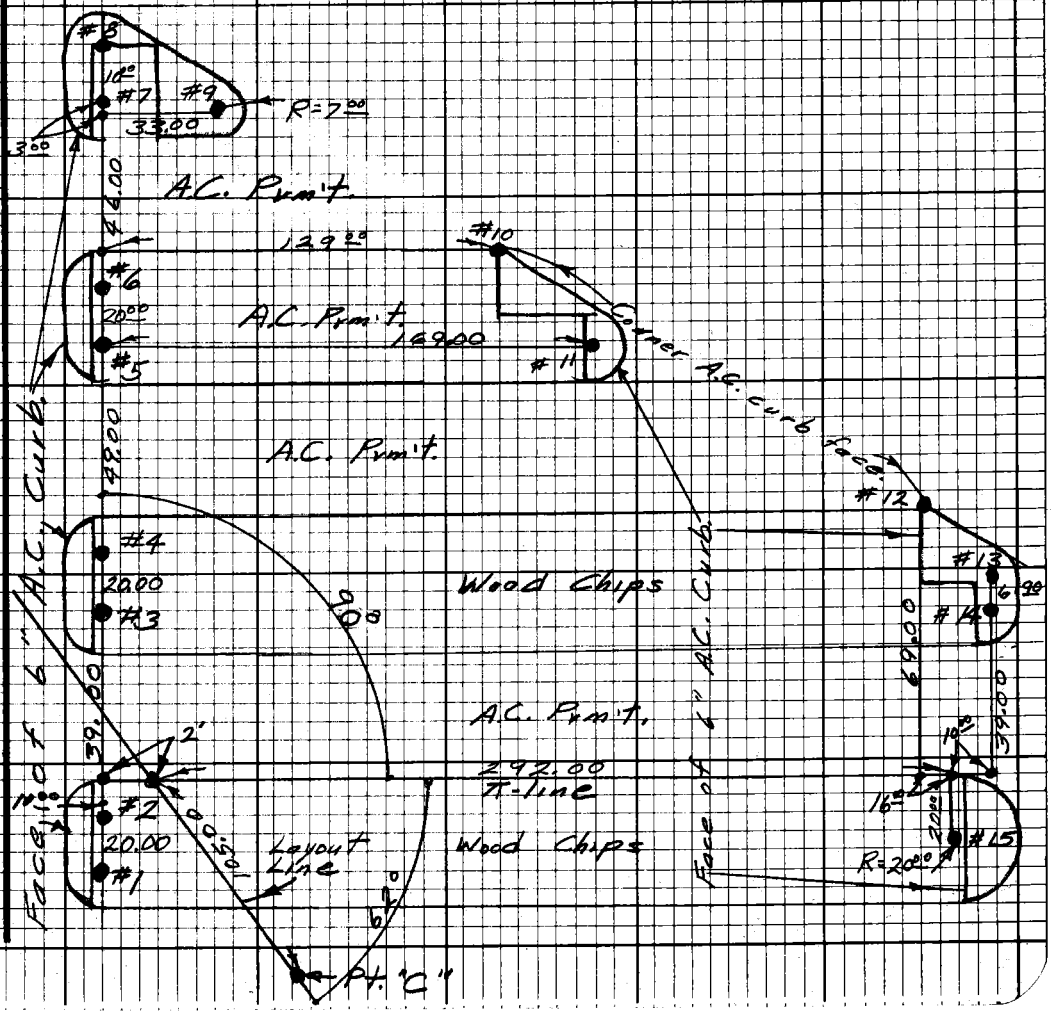
1+16 E.	40194	402.00	F. = 0.06	Inlet - ℄ & F.L.	
	39054	391.00	F = 0.46	Outlet - ℄ & F.L.	
2+37 E.	40214	402.00	C. = 0.14	Inlet " "	
	38087	381.20	F. = 0.33	Outlet " "	
3+58 E.	40244	402.00	C. = 0.44	Inlet " "	
	37460	374.20	C = 0.40	Outlet " "	

Specs. #2838-R1

Notes Ck'd by	Survey of Sq Coast Botanic Gar F.B. 3270 Pg. 47
Map No.	JN 9861.14 Tape Std. °F
Office Work	Surveyed by English
Checked	Notes English Date 6-26-78
Date	Indexed E. M. PALMERI MAR 15 1978

Set Control for Parking Lot Curbs.
See pg. 8 for Fill or cuts.
Note: Set 1X2 & N.s - flush - At red dots ● = Radius 10' except as shown.

Const. Staking Notes.



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Profile Notes Red. Plotted Job No. 4602.50 Division No. 11
No. Date Date Survey of So. Coast Botanic Garden
X-Sec. Notes Chk'd. Checked Survey by English Notes Date 12-15-75
No. Date Date Map No. Ind. R. M. PALMERI Date MAR 15 1976

F. B. 3870 Pg. 47

STATION	B. S.	H. I.	F. S.	ELEV.	Grade F.S.	C. or F.	
0+00 37	R.			408.18	408.50	F=0.32	Parking Lot F.S. grades
0+25 "				408.32	408.35	F=0.03	set 1X2s flush.
+50 "				408.31	408.27	C=0.04	3' offset from E.P.
+75 "				408.17	408.18	F=0.01	see pg. 40 & 41
0+95 33 "				407.90	408.11	F=0.21	for parking lot
1+25 "				407.74	407.95	F=0.21	layout.
1+50 "				407.67	407.82	F=0.15	
1+75 "				407.51	407.67	F=0.16	
2+00 "				407.68	407.47	C=0.21	
+25 "				407.54	407.24	C=0.30	
+50 "				407.52	407.06	C=0.46	
+75 "				407.18	406.81	C=0.37	
2+97 "				406.58	406.57	C=0.01	
0+00 3	R.	Mon. Pt. "C" El. = 409.15, Pg. 37. Construction Staking Notes.		407.71	407.70	F=0.23	
+25 "				407.67	407.55	C=0.12	
+50 "				407.52	407.40	C=0.12	
+75 "				407.31	407.26	C=0.05	
0+95 33 "				407.23	407.11	C=0.12	
1+25 "				407.08	406.92	C=0.16	
1+50 "				406.91	406.71	C=0.20	

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STATION	~~B.C.~~	H. I.	F. S.	ELEV.	F.S. Grade	C. or F.	
1+75	3' R.	Construction Staking Notes.		406 76	406.49	C.=0.27	
2+00	"			406 54	406.25	C.=0.29	
+25	"			406 20	406.00	C.=0.20	
+50	"			405 98	405.77	C.=0.21	
+75	"			405 89	405.56	C.=0.33	
2+97	"			405 76	405.36	C.=0.40	B.C.
0+00	32' L.			407 08	407.05	C.=0.03	←
+25	"			407 04	406.87	C.=0.17	←
+50	"			407 01	406.68	C.=0.33	←
+75	"			406 78	406.50	C.=0.28	←
0+95.33	"			406 66	406.33	C.=0.33	←
1+25	"			406 42	406.08	C.=0.34	←
+50	"			406 03	405.90	C.=0.13	←
+75	"			405 80	405.69	C.=0.11	←
2+00	"			405 51	405.47	C.=0.04	←
+25	"			405 25	405.24	C.=0.01	←
+50	"			405 00	405.00	C.=0.00	←
+75	"			405 01	404.76	C.=0.25	←
2+97.0	"			404 88	404.40	C.=0.48	E.C. ←

F. B. 3870 PG. 50 Job No. CE 02-50 Division No. 11 Notes Red Plotted Profile
Survey of So. Coast Botanic Gardens Date Date No.
Survey by English Notes English Notes Chk'd. Checked X-Sec.
Indexed L. M. PALMER Date MAR 15 1976 Date Date No.

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STATION	B. S.	H. I.	F. S.	ELEV.	F.S. Grade	C. or F.		
0+00	66' L.	Construction Staking Notes.		40625	406.18	C.=0.07	✓	Parking lot F.S. grades
+25	"			40607	405.95	C.=0.12	✓	Set 1x2s flush.
+50	"			40588	405.76	C.=0.12	✓	3' from E.P.
+75	"			40584	405.55	C.=0.29	✓	See pg. 40 & 41
0+95 33	"			40572	405.38	C.=0.34	✓	for parking lot
1+25	"			40556	405.15	C.=0.41	✓	layout.
+50	"			40538	404.92	C.=0.46	✓	
+75	"			40492	404.67	C.=0.25	✓	
2+00	"			40458	404.40	C.=0.18	✓	
+25	"			40431	404.11	C.=0.20	✓	
+50	"			40399	403.79	C.=0.20	✓	
2 +79.0	"			40366	403.50	C.=0.16	✓	Pt. at 6" A.C. cb.
0+00	101' L.			40544	405.50	F.=0.01	✓	
0+25	101' L.			40538	405.29	C.=0.09	✓	
+50	"			40521	405.07	C.=0.14	✓	
+75	"			40495	404.88	C.=0.07	✓	
1+00	"			40462	404.65	F.=0.03	✓	
+25	"			40440	404.42	F.=0.02	✓	
+50	"			40405	404.17	F.=0.12	✓	
1+66.0	"			40388	404.00	F.=0.12	✓	E.P. & cb. face.

Profile No. ____ Notes Red ____ Plotted ____ Job No. ____ Division No. ____ F. B. 870 Pg. 51
X-Sec. No. ____ Date ____ Date ____ Survey of Lo. Coast Botanic Garden
Notes Chk'd. ____ Checked ____ Survey by [illegible] Notes ____ Date 12-11-75
Date ____ Date ____ Map No. ____ Indexed E. PALMERI Date MAR 15 1976

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STATION	B. S.	H. I.	F. S.	ELEV.	F.S. Grade	C. or F.	Set 3' Off. from F.P.
0+00	135' L.	Notes.		40457	404.64	F. = 0.07	✓
+25	"			40436	404.45	F. = 0.09	✓
+50	"			40426	404.23	C. = 0.03	✓
+75	"			40396	403.94	C. = 0.02	✓
1+00	"			40368	403.67	C. = 0.01	✓
~~+25~~				—	—	—	
1+30	"			40334	403.40	F. = 0.06	✓
Along N'ly. edge of Parking Lot - Set 6' L. Off. from F.L.							
0+00 E.	6' L.	Construction Staking		40180	F.L. Grade 402.00	F. = 0.20	✓
0+28 E.	"			40202	402.25	F. = 0.23	✓
0+56 E.	"			40194	402.50	F. = 0.56	✓
0+86 E.	"			40194	402.25	F. = 0.31	✓
1+16 E.	"			— —	402.00	— . —	Existing Conc. SWALE
1+46 E.	"			40250	402.25	C. = 0.25	✓
1+76 E.	"			40215	402.50	F. = 0.35	✓
2+06 E.	"			40210	402.25	F. = 0.15	✓
2+37 E.	"			— —	402.00	— . —	Exist. conc. swale
2+65 E.	"			40220	402.25	F. = 0.05	✓
2+92 E.	"			40226	402.50	F. = 0.24	✓
3+25 E.	"			40249	402.25	C. = 0.24	✓
3+58 E.	"			— —	402.00	— . —	Exist. conc. swale

F. B. 38[illegible] Pg. 52
Job No. 6602.50 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of So. Coast Botanic Gardens Date ____ Date ____ No. ____
Survey by English Notes English Notes Chk'd. ____ Checked ____ X-Sec. ____
Indexed L. M. PALMERI Date MAR 15 1970 Date ____ Date ____ No. ____

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STATION	Off.	H.I.	F.S.	ELEV.	F.S. Grade	C. or F.	
Along W'ly. edge of Parking Lot - Set 3' off. E.P. - See Pg. 40							
0+00 N.	3' L.	Construction		40864	409.00	F. = 0.36	✓
0+40 N.	"			40809	408.11	F. = 0.02	✓
0+69 N.	"			40742	407.50	F. = 0.08	✓
1+09 N.	"			40691	406.58	C. = 0.33	✓
1+38 N.	"			40626	405.90	C. = 0.36	✓
1+78 N.	"			40534	405.06	C. = 0.28	✓
2+07 N.	"			40497	404.65	C. = 0.32	✓
2+37 N.	"			40424	404.26	F. = 0.02	✓
2+60 N.	"			40405	403.91	C. = 0.14	✓
Along E'ly. edge of Parking Lot - Set 3' off. E.P. - See Pg. 41							
2+43	71.17 R.	Staking		40795	408.00	F. = 0.05	✓ E.C.
2+75	71.17 R.			40789	407.65	C. = 0.24	✓
2+90	71.17 R			40832	407.43	C. = 0.89	✓ B.C.
				40765	406.75	C. = 0.90	✓ P.O.C.
				40555	405.95	F. = 0.40	✓ E.C. less 3° = end 6" cb.
3+48	π-line	Notes		40480	404.90	F. = 0.10	✓
3+48	29' L.			40384	403.94	F. = 0.10	✓
3+49.17	50' L.			40300	403.21	F. = 0.21	✓ Begin 6" A.C. cb.

Profile No. ____ Notes Red ____ Plotted ____ Job No. 6602.58 Division No. 11 F.B. 3870 Pg. 53
X-Sec. No. ____ Date ____ Date ____ Survey of So. Coast Botanic Garden
Notes Chkd. ____ Checked ____ Survey by English Notes English Date 12-17-75
Date ____ Date ____ Map No. ____ Indexed M. PALMERI Date MAR 15 1978

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STATION	B.S.	H.I.	F.S.	ELEV.	F.S. Grade	C. or F.	Set 3' Off. from E.P.
Tram Rd. - From: 3+86.4=B.C.					To: 8+13.7=exist. Tram Rd. - See pg. 38		
3+86.4=B.C.				—	409.00	—	℄
4+10.7 P.O.C.				40904	409.50 ✓	F. = 0.46	13' R.
4+10.7 P.O.C.				40890	409.50 ✓	F. = 0.60	13' L.
4+45° E.C.				40949	409.70 ✓	F. = 0.21	13' R
"				40924	409.70 ✓	F. = 0.46	13' L.
4+67				41004	410.00 ✓	C. = 0.04	13' L.
5+00				—	—	—	Ctr. of Circle
5+33				40987	410.40 ✓	F. = 0.53	11' R.
"				40976	410.40 ✓	F. = 0.64	11' L.
5+65.3				40980	410.60 ✓	F. = 0.80	11' R.
"				40963	410.60 ✓	F. = 0.97	11' L.
5+97.6				41009	410.80 ✓	F. = 0.71	11' R
"				40999	410.80 ✓	F. = 0.81	11' L.
6+30.0				41012	411.00 ✓	F. = 0.88	11' R.
"				41022	411.00 ✓	F. = 0.78	11' L.
6+66.5				41037	411.00 ✓	F. = 0.63	11' R.
"				41043	411.00 ✓	F. = 0.57	11' L.
7+03.0				41052	411.00 ✓	F. = 0.48	11' R.
"				41035	411.00 ✓	F. = 0.65	11' L.

Pt. "D", 2" I.P., el = 410.66, Pg. 38
Construction Staking Notes.

F.B. 3870 Pg. 54 Job No. 6602.50 Division No. 11 Notes Red ____ Plotted ____ Profile ____
Survey of So. Coast Botanic Gardens Date ____ Date ____ No. ____
Survey by English Notes English Notes Chkd. ____ Checked ____ X-Sec. ____
Indexed L. M. PALMERI Date MAR 15 1976 Date ____ Date ____ No. ____

Profile No.	Notes Red	Plotted	Job No. 6602.58	Division No. 11	F.B. 3870	Pg. 55
	Date	Date	Survey of So. Coast Botanic Garden			
X-Sec. No.	Notes Chkd.	Checked	Survey by English	Notes English	Date 12-19-75	
	Date	Date	Map No.	Indexed V. M. PALMERI	Date MAR 15 1976	

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Do not extend notes this side of this line.

Tram Rd.

STATION	B.S.	H.I.	F.S.	ELEV.	F.S. Grade	C. or F.	Set 3' Off. from E.P.
7+35.5				410.17	410.50 L	F = 0.33	11' R.
"				410.01	410.50 L	F = 0.49	11' L.
7+68.0				409.55	410.00 L	F = 0.45	11' R
"				409.57	410.00 L	F = 0.43	11' L.
7+87.0				408.90	409.20 L	F = 0.21	11' R
"				409.07	409.20 L	F = 0.13	11' L edge existing E.P.
8+03.7				408.40	408.40 L	F = 0.00	℄
8+13.7			S&T =	407.98	407.98 L	—	℄ Int. (Existing Train Rd. Pg. 38

Construction Staking Notes.

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