GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)

1 inch = 30 ft.

6' DIA MH
INV=5305.83
RIM=5315.34
HGL=5310.37

DOUBLE TYPE "A" INLET
HGL=5310.44

NEW 24" RCP SD

EDGE OF EXISTING PAVEMENT

EXIST. 36" RCP STORM DRAIN

EXIST. 30" RCP STORM DRAIN

EXIST. 30" RCP STORM DRAIN

S 83°45'15" E (GRID)
4447.64 (GROUND)

ACS STA. 7-C19
X = 410171.36
Y = 1522006.02
C-G .999647055
Δc= -0°10'06.5"
ELEV. 5483.076

RETENTION POND
100 YR., 10-DAY VOLUME = 5.96 AC-FT.
BOTTOM OF POND ELEV. = 5292.50
100 YR WSEL = 5302.50

EXISTING POND
TO BE DEEPENED BY 2'-0"

EMERGENCY OVERFLOW WEIR
ELEV. = 5304.00

TOP OF POND
ELEV.=13.00

3:1

95 94 93

15-P1 FP=~~18.45~~ 16.05
14-P1 FP=~~18.45~~ 16.17
13-P1 FP=~~18.35~~ 16.21
12-P1 FP=~~18.65~~ 16.36
11-P1 FP=~~18.75~~ 16.67
10-P1 FP=~~17.40~~ 17.48
9-P1 FP=~~18.80~~ 18.80
8-P1 FP=~~20.40~~ 20.34
7-P1 FP=~~21.80~~ 21.69
6-P1 FP=~~23.40~~ 23.50
16-P1 FP=~~17.60~~ 16.91
17-P1 FP=~~19.80~~ 18.38
18-P1 FP=~~20.60~~ 19.99
19-P1 FP=~~21.80~~ 21.43
20-P1 FP=~~23.60~~ 22.93
1-P1 FP=~~24.40~~ 24.25
2-P1 FP=~~24.40~~ 24.24
3-P1 FP=~~24.20~~ 24.42
4-P1 FP=~~24.20~~ 24.68
5-P1 FP=~~25.65~~ 25.67

CALLE ALLEGRIA

CALLE CALMA

40' R/W
28' F-F

34' R/W
28' F-F

30' R/W
28' F-F

TC=12.51
FL=11.84
TW=15.70
BW=14.00

TC=15.20
FL=~~14.40~~ 14.27

TC=17.78
FL=17.11

TC=20.32
FL=19.65

TC=25.38
FL=24.71
TW=27.00
BW=24.75

TW=16.00
BW=13.30

TW=15.80
BW=13.00

TW=16.00
BW=13.00

TW=16.20
BW=13.00

TW=16.20
BW=13.00

TW=16.60
BW=13.00

TW=27.80
BW=24.75

TW=28.00
BW=25.10

TW=26.50
BW=24.75

TW=27.30
BW=25.10

TW=27.70
BW=25.70

TW=28.30
BW=26.30

TW 31.20
BW 26.43

TW 31.20
BW 27.50

TW 30.90
BW 26.00

TW 29.80
BW 27.00

TW 29.30
BW 27.70

TW 29.60
BW 28.50

EXISTING CONCRETE BLOCK WALL

DOUBLE "C" INLET
HGL=5310.52

TW 18.34
BW 15.10

TW 18.69
BW 13.50

TW 18.16
BW 16.50

TW 17.93
BW 17.80

NOTE:
ALL ELEVATIONS ARE FLOWLINE
UNLESS OTHERWISE NOTED

RECORD DRAWING

APPROVED FOR ROUGH GRADING

SIGNATURE DATE

LEGAL DESCRIPTION

LOTS 3,4, & 5 BLOCK 4, TRACT 2,
UNIT 3, NORTH ALBUQUERQUE ACRES
BERNALILLO COUNTY, NEW MEXICO

4" CAP BLOCK
2"
K.O.B.B. W/ (1)- #4 BAR
#4 BARS @ 4' o.c. EMBEDDED 4' INTO RETAINING WALL
K.O.B.B. W/ (1)- #4 BAR
FINISHED GRADE
K.O.B.B. W/ (1)- #4 BAR
#4 BARS @ 16" o.c.
8" CONC. BLOCK
3" WEEPHOLES @ 6' o.c. CENTERED THIS COURSE
1 CU. FT 3/4" AGGREGATE GRAVEL
FINISHED GRADE
FILTER FABRIC
20" VERT. REINF. OVERLAP
#5 BARS @ 16" o.c.
K.O.B.B. W/ (1) - #4 BAR
#5 BARS @ 16" o.c.
3" CLR. (MIN.)
(1) - #4 BAR
(3) - #4 BARS
14"
10"
10"
3'-6"
4'-0" GARDEN WALL
VARIES RETAINING WALL 4'-0" MAX.
12"
10"
10"

TYPICAL RETAINING WALL W/GARDEN WALL EXTENSION
NOT TO SCALE

VARIES (81" MIN.)
5'
0.5'MIN
3-P1 FP= 48.15
45.00'
35' TYP.
VARIES
20'
15'
0.5'MIN
S=0.5' (MIN)
VARIES (45' TYP.)
D3
SLOPE VARIES
(FL ELEV)
5'

TYPICAL LOT GRADING PLAN
NO SCALE

TO SET SPOT ① – SUBTRACT 0.25' FROM THE PAD ELEV.
TO SET SPOT ② – SUBTRACT 0.2' FROM SPOT ①
TO SET SPOTS ③ & ④ – SUBTRACT 0.4' FROM SPOTS ② & ① RESPECTIVELY
TO SET SPOT ⑤ – MULTIPLY D1 BY 2.0%, ADD CURB HEIGHT, AND ADD TO SPOT

LEGEND

FP=16.30	FINISHED PAD SITE ELEVATION	●	PROPOSED SD MANHOLE
TW=16.30 BW=13.00	PROPOSED TOP AND BOTTOM RETAINING WALL ELEVATIONS		PROPOSED 24" RCP STORM DRAIN
TW=16.30 BW=13.00	EXISTING TOP AND BOTTOM RETAINING WALL ELEVATIONS		PROPOSED STANDARD CURB AND GUTTER
			PROPOSED MOUNTABLE CURB AND GUTTER
15.90	PROPOSED SPOT ELEVATION		PROPOSED WHEEL CHAIR RAMPS
TC=12.51 FL=11.84	TOP OF CURB AND FLOWLINE ELEVATIONS		EXISTING RETAINING WALL
	EXISTING MAJOR CONTOUR		PROPOSED RETAINING WALL
	EXISTING MINOR CONTOUR		PROPOSED BASIN BOUNDARY
		321b	PROPOSED BASIN NUMBER

DRAINAGE CERTIFICATION

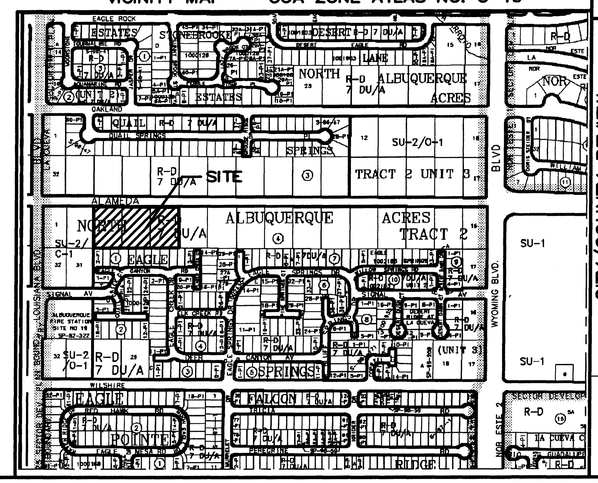
I, DAVID B. THOMPSON, NMPE 9677, OF THE FIRM THOMPSON ENGINEERING CONSULTANTS, INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 01-20-04. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY RICK FENCL, NMPS 10202, OF THE FIRM BLUE SKY CONSTRUCTION SERVICES, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 12-28-04 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR ~~CERTIFICATE OF OCCUPANCY.~~ Release of Financial Guarantee.

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

DAVID B. THOMPSON, NMPE 9677 — 1-11-05 DATE

DAVID B. THOMPSON — NEW MEXICO — 9677 — REGISTERED PROFESSIONAL ENGINEER

VICINITY MAP – COA ZONE ATLAS NO. C-19



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tecnm@yahoo.com
4800 JUAN TABO NE, SUITE C
ALBUQUERQUE, NEW MEXICO 87111
PHONE (505) 271-0799
FAX (505) 237-5422

NO.	REVISION	BY	DATE

PROJECT: Trementina Oeste
DATE: 12-5-03
HORIZ. SCALE: 1"=30'
VERT. SCALE: n/a
DRAWN BY: BLN
CHECKED BY: DBT
APPROVED BY: DBT

DAVID B. THOMPSON — NEW MEXICO — 9677 — REGISTERED PROFESSIONAL ENGINEER

CITY/COUNTY REVIEW

DEPARTMENT	SIGN-OFF	DATE
WASTEWATER MGMT. DIV.		
WATER SERVICES		
SUBDIVISION ENG.		
STREETS		
TRAFFIC		

FOR CITY/COUNTY USE ONLY

TREMENTINA OESTE

GRADING & DRAINAGE PLAN

SHEET No.

3 of 16

RECEIVED
JAN 11 2005
HYDROLOGY SECTION

Z:\PROJECTS\LINDBORG-HAHN\ALAMEDA-20 LOT SUB\PLANSET\03-GD-PLAN.DWG 1-10-05 3:06:29 pm EST