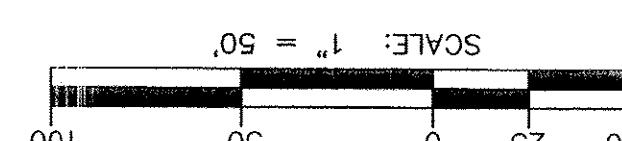
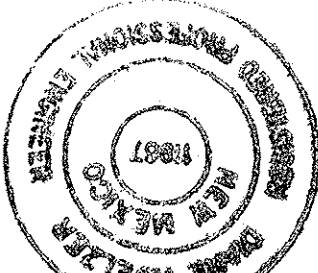


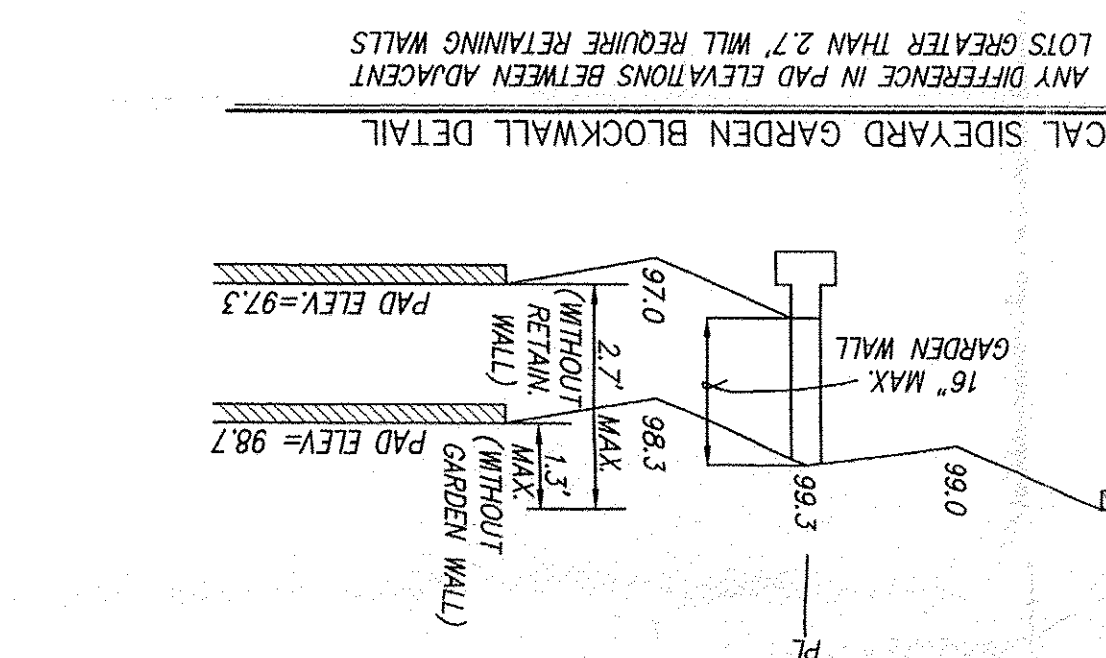
1. Diane Hoelzer, NMPE 11967, of the firm, Mark Goodwin & Associates, hereby certify that this project has been graded and will drain in substantial compliance with and in accordance with the design intent of the approved plan dated 1-31-03. The record information edited onto the original design document has been obtained by Tim Aldrich, NMPE 2719, of the firm Aldrich Land Surveying. I further certify that I have personally visited the project site on March 5, 2003, 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 Release of Financial Guarantees.

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 this project before using it for any other purpose.

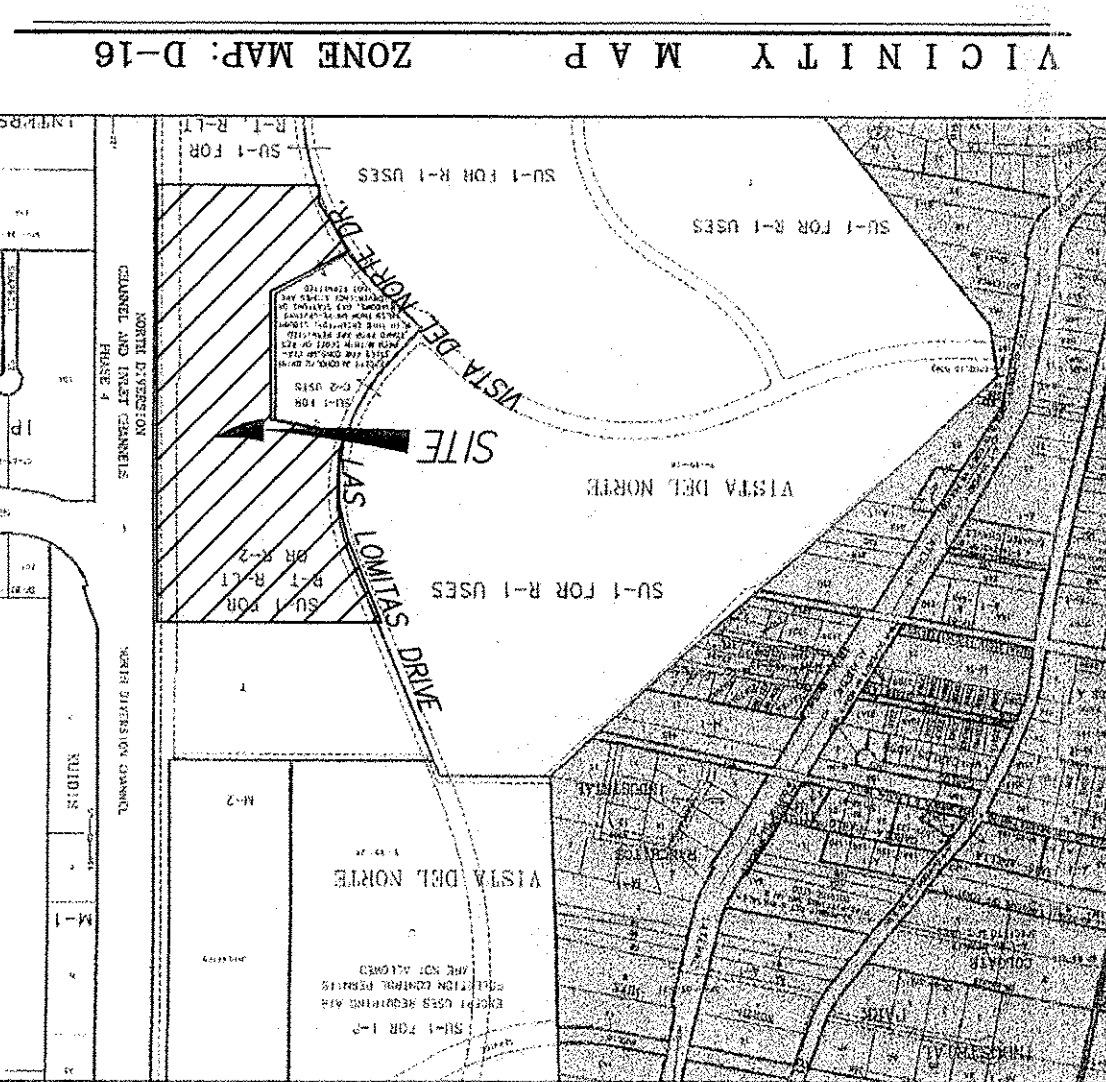
Diane Hoelzer, PE
NMPE 11967
Date 3-20-03



- NOTES**
1. A BLOCK WALL WILL BE CONSTRUCTED ALONG THE ENTIRE PERIMETER PROPERTY BOUNDARY.
 2. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 1.3' AND LESS THAN 2.2' A GARDEN WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.
 3. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 2.2' A RETAINING WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.



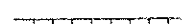
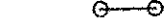
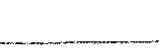
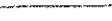
- LEGEND**
- FP = 30.38 FINISHED PAD ELEVATION
 - STANDARD 8" CURB & GUTTER
 - PROPOSED SPOT ELEVATION
 - EXISTING SPOT ELEVATION
 - EXISTING CONTOUR
 - EXISTING OVERHEAD ELECTRIC LINE
 - EXISTING POWER POLE
 - TRACT/LOT BOUNDARY
 - EASEMENTS
 - CENTERLINE OF ROAD
 - NEW RETAINING WALL
 - 50' PAVEMENT TRANSITION
 - FLOW DIRECTION
 - SWALE
 - EXISTING SANITARY SEWER MANHOLE
 - PROPOSED CATCH BASIN
 - WATER BLOCK
 - UNIT BOUNDARY
 - 3:1 SLOPE
 - PROPOSED SPOT ELEVATION
 - EXISTING WATER VALVE
 - EXISTING SANITARY SEWER MANHOLE



CITY PROJECT NO.		ZONE MAP NO. D-16		SHEET 1 OF 2	
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	
TITLE: BERNARDO TRAILS - UNIT 3 POND RECLAMATION GRADING AND DRAINAGE PLAN					
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT P.O. BOX 90606 ALBUQUERQUE, NEW MEXICO 87199 (505) 828-2200, FAX (505) 797-9539					
MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS					
DESIGNED BY: DLH CHECKED BY: DMG DATE: 05/01 DATE: 05/01					
REVISIONS DATE: 05/01 BY: [Signature]					
ENGINEER'S SEAL [Signature]					
SURVEY INFORMATION NO. BY DATE AS BRASS CAP STAKED MAY-97 LOCATED IN SOUTHEAST QUADRANT OF PASO DEL NORTE & NORTH DIVISION CHANNEL INTERSECTION GEOGRAPHIC POSITION (NAD 1923) IN FEET N.M. STATE PLANE COORDINATES (CENTRAL ZONE) X = 394134.18 Y = 1516271.30 ELEVATION = 5069.27 (NGD 1929) IN FEET					
BENCH MARKS CONTRACTOR DATE INSPECTOR'S DATE FIELD DATE VERIFICATION BY DATE MICRO-FILM INFORMATION RECORDED BY DATE					



LEGEND

- | | | | |
|---|---------------------------------|---|---------------------------------|
| FP= 30.38 | FINISHED PAD ELEVATION | -- 5135 -- | EXISTING CONTOUR |
|  | MOUNTABLE CURB & GUTTER | x 00.00 | EXISTING SPOT ELEVATION |
|  | STANDARD 8" CURB & GUTTER |  | EXISTING OVERHEAD ELECTRIC LINE |
| 28.53 * | PROPOSED SPOT ELEVATION |  | EXISTING POWER POLE |
|  | 3:1 SLOPE |  | TRACT/LOT BOUNDARY |
| 20 | LOT 20 |  | RIGHT OF WAY |
|  | UNIT BOUNDARY |  | EASEMENTS |
|  | WATER BLOCK |  | CENTERLINE OF ROAD |
|  | PROPOSED STORM DRAIN MH |  | NEW RETAINING WALL |
|  | PROPOSED CATCH BASIN |  | 50' PAVEMENT TRANSITION |
|  | EXISTING WATER VALVE |  | FLOW DIRECTION |
|  | EXISTING SANITARY SEWER MANHOLE |  | SWALE |



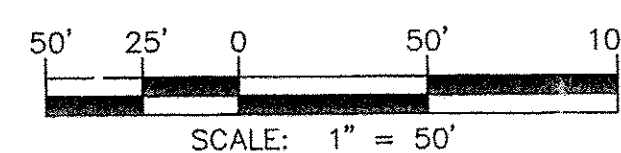
ANY DIFFERENCE IN PAD ELEVATIONS BETWEEN ADJACENT LOTS GREATER THAN 2.7' WILL REQUIRE RETAINING WALLS.

NOTES

1. A BLOCK WALL WILL BE CONSTRUCTED ALONG THE ENTIRE PERIMETER PROPERTY BOUNDARY.
2. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 1.3' AND LESS THAN 2.7' A GARDEN WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.
3. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 2.7' A RETAINING WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.

Diane Hoelzer
Diane L. Hoelzer, PE NMPE 11967

Date 1-20-03

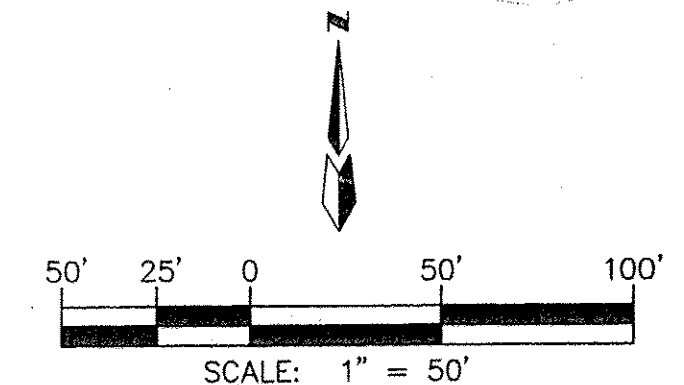
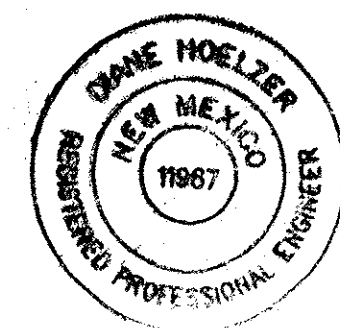


A1020BDN/A01020GD1/07-26-01 DER KJS RDQ ACH

[illegible]



Diane L. Hoelzer, PE
 NMPE 11967
 Date 1-20-03



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **BERNARDO TRAILS
GRADING AND DRAINAGE PLAN**

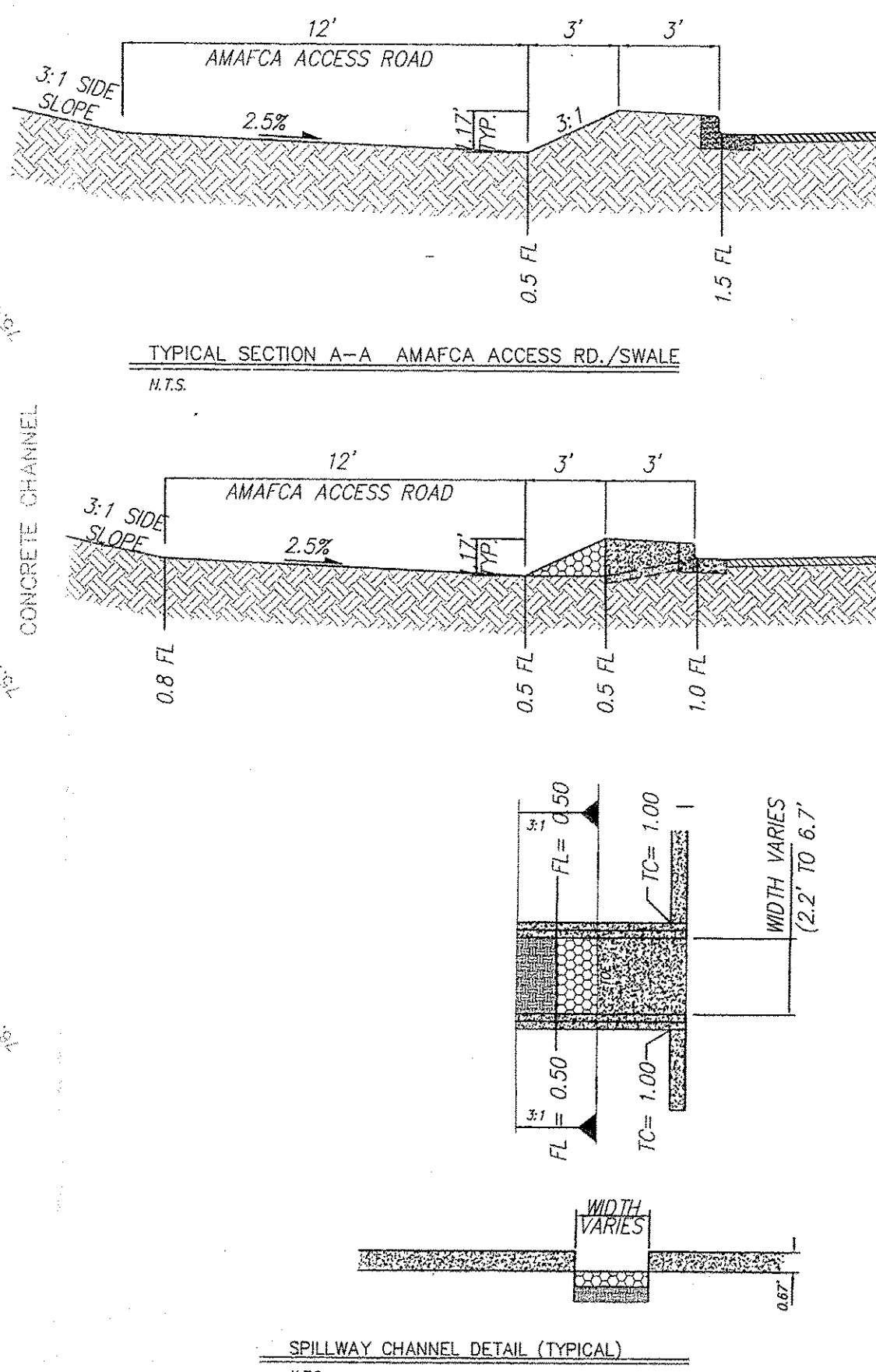
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.	SHEET OF		
	<i>D-16</i>	<i>2</i> OF <i>2</i>		

A010020BDN/A01020GD2/04/13/01 DER KJS

C:\DATA\OWES\A01\OWES\A1020bdn\A01020qd2.dwg Mon Jul 30 14:12:45 2001 by acn

SEE SHEET 1

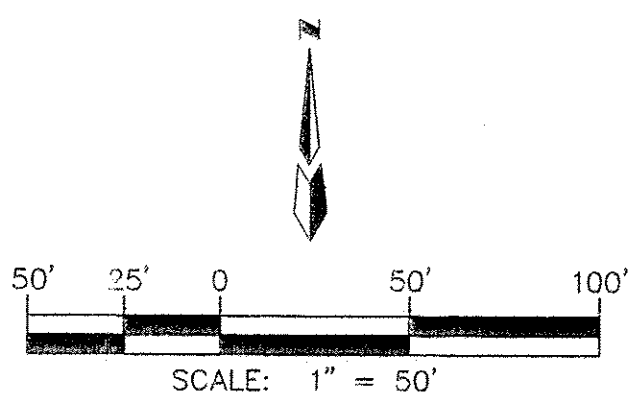
NOTES



RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's Earthmoving, Inc. and by the surveyor, Aldrich Land Surveying, Inc. and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

Diane Hoelzer 7-23-02
Diane Hoelzer, PE NMPE 11967

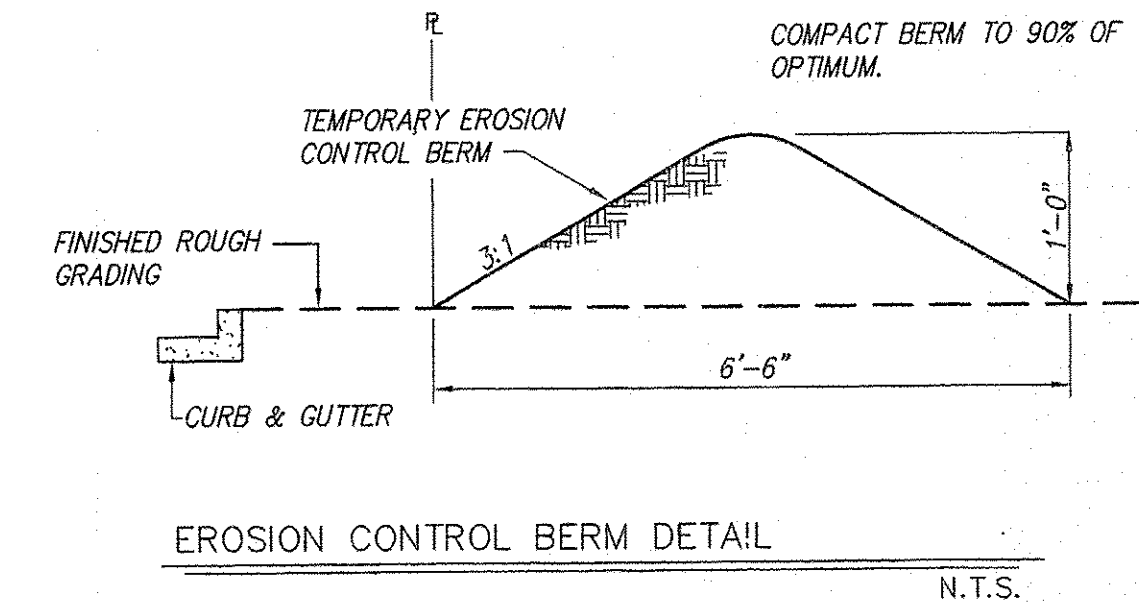
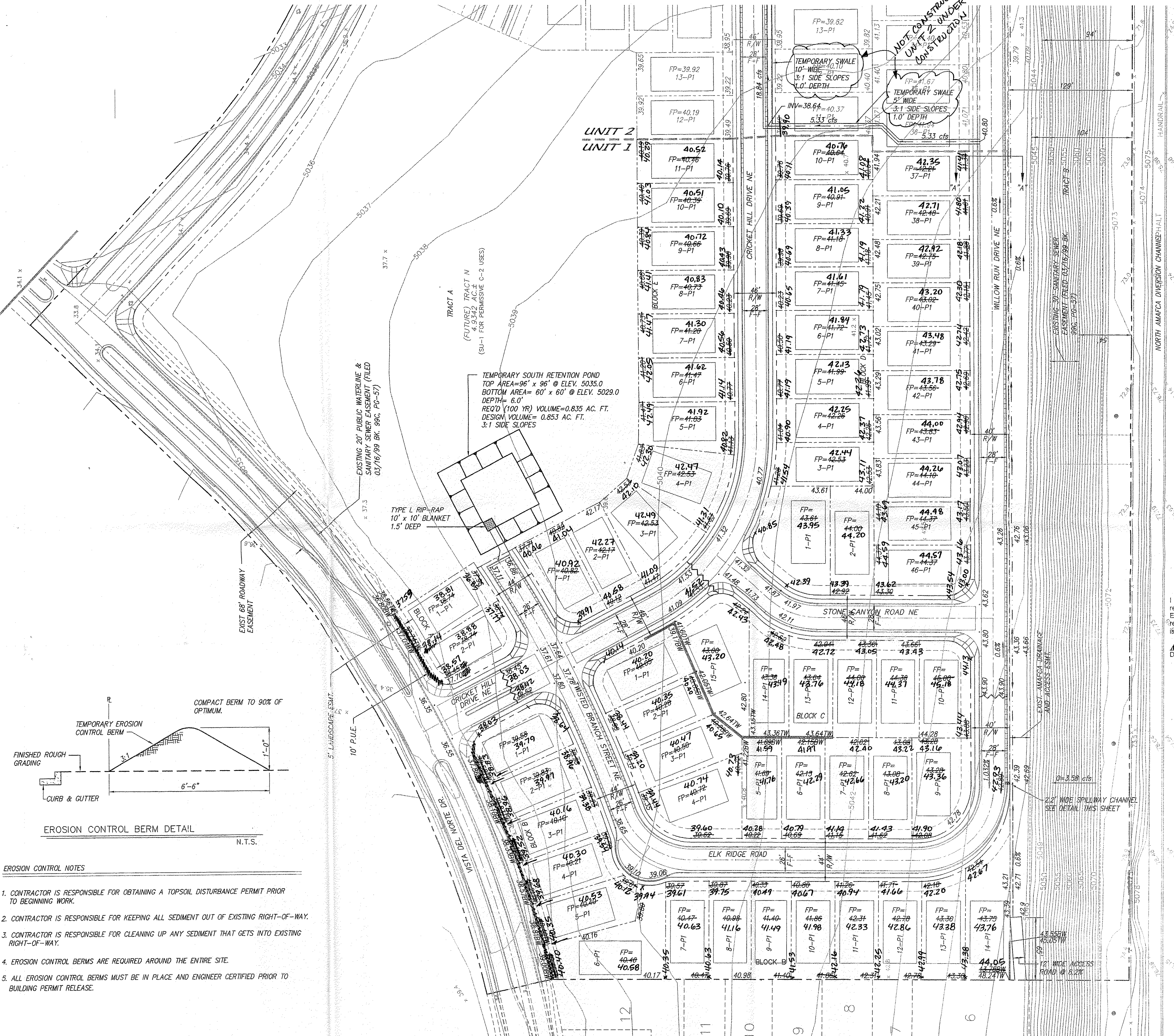


MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: **BERNARDO TRAILS - UNIT 1
GRADING AND DRAINAGE PLAN**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE			
CITY PROJECT NO. 668681	ZONE MAP NO. D-16	SHEET 8	OF 28



EROSION CONTROL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL SEDIMENT OUT OF EXISTING RIGHT-OF-WAY.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING UP ANY SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. EROSION CONTROL BERMS ARE REQUIRED AROUND THE ENTIRE SITE.
5. ALL EROSION CONTROL BERMS MUST BE IN PLACE AND ENGINEER CERTIFIED PRIOR TO BUILDING PERMIT RELEASE.

(Constructed w/ Unit 1)
TEMPORARY NORTH RETENTION POND
TOP AREA= 300' x 90' @ ELEV=5032.00'
BOTTOM AREA= 18' x 228' @ ELEV=5020.00'
DEPTH= 12.0' - 3.80 AC. FT.
DESIGN VOLUME= 3.82 AC. FT.
3:1 SIDE SLOPES

EXISTING 20" PUBLIC WATERLINE &
SANITARY SEWER EASEMENT (FILED)

TRACT T-2
VISTA DEL NORTE
FILED: 12/10/99 VOL. 99C FOLIO 331
(R-1 USES)

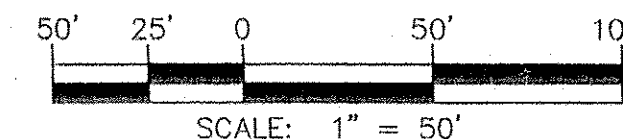
UNIT 2
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UNIT 98
UNIT 99
UNIT 100

SEE SHEET 2

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Franklin's, and that the construction as shown on this drawing is a substantial compliance with the Approved Plan.

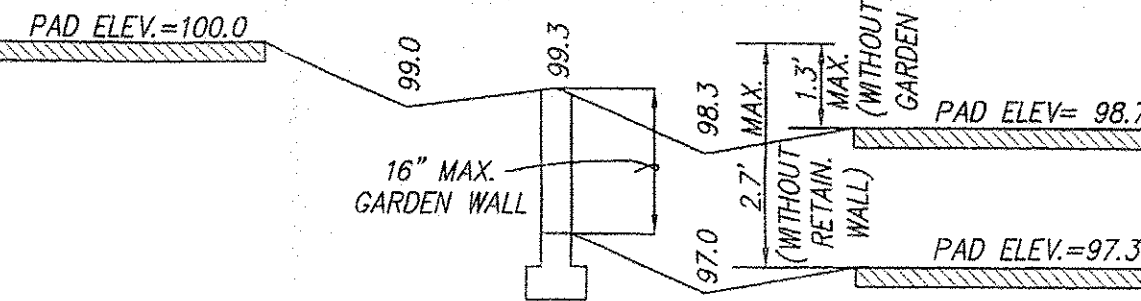
Diane Holzer, PE
7-23-02
NIMPE 11967

RECORD DRAWING



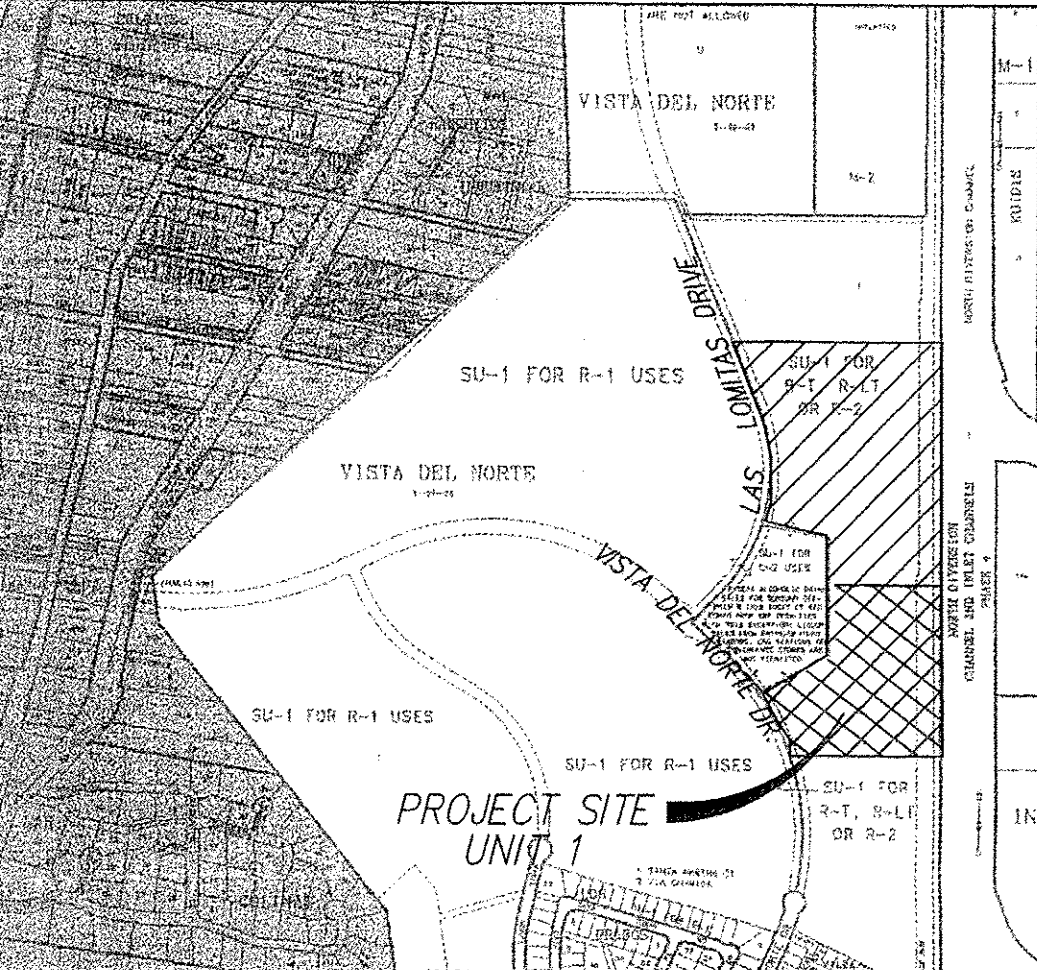
NOTES

1. A BLOCK WALL WILL BE CONSTRUCTED ALONG THE ENTIRE PERIMETER PROPERTY BOUNDARY.
2. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 1.3' AND LESS THAN 2.7' A GARDEN WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.
3. WHERE THE DIFFERENCE IN ADJACENT PAD ELEVATIONS IS GREATER THAN 2.7' A RETAINING WALL SHALL BE CONSTRUCTED TO ACCOMMODATE PROPER SIDEYARD LOT DRAINAGE AS SHOWN ON THE SIDEYARD LOT DETAIL.



N.T.S. ANY DIFFERENCE IN PAD ELEVATIONS BETWEEN ADJACENT LOTS GREATER THAN 2.7' WILL REQUIRE RETAINING WALLS

VICINITY MAP



LEGEND

- | | | | |
|-----------|---------------------------------|---------|---------------------------------|
| FP= 30.38 | FINISHED PAD ELEVATION | -S135- | EXISTING CONTOUR |
| ===== | MOUNTABLE CURB & GUTTER | x 00.00 | EXISTING SPOT ELEVATION |
| ===== | STANDARD 8" CURB & GUTTER | -E- | EXISTING OVERHEAD ELECTRIC LINE |
| 28.53* | PROPOSED SPOT ELEVATION | o-o | EXISTING POWER POLE |
| 3:1 SLOPE | | --- | TRACT/LOT BOUNDARY |
| 20 | LOT 20 | --- | RIGHT OF WAY |
| ===== | UNIT BOUNDARY | --- | EASEMENTS |
| ===== | WATER BLOCK | --- | CENTERLINE OF ROAD |
| o | PROPOSED STORM DRAIN MH | --- | NEW RETAINING WALL |
| o | PROPOSED CATCH BASIN | --- | 50' PAVEMENT TRANSITION |
| o | EXISTING WATER VALVE | --- | FLOW DIRECTION |
| o | EXISTING SANITARY SEWER MANHOLE | --- | SWALE |

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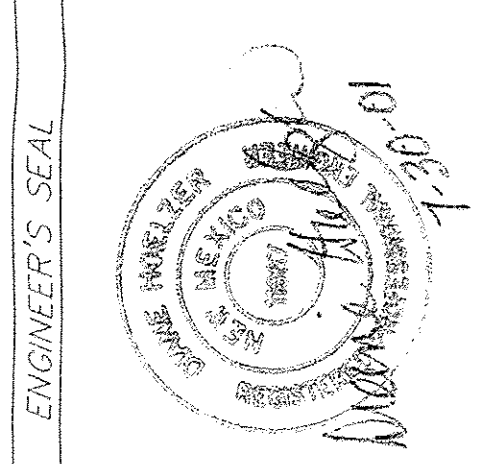


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

BERNARDO TRAILS - UNIT 1 GRADING AND DRAINAGE PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE			
CITY PROJECT NO.	668682	ZONE MAP NO.	D-16
		SHEET	7A 18

AS BUILT INFORMATION			
CONTRACTOR	STATION MARK IS A STANDARD BRASS TABLET (AMAFCA RIGHT-OF-WAY MARKER) STAMPED "MA-8" SET IN CONCRETE LOCATED ON THE WEST SIDE OF THE NORTH DIVERSION CHANNEL 0.5 MILE SOUTH OF OSUNA ROAD. ELEVATION = 5075.6	DATE	
WORK STAGED BY		DATE	
FIELD LOCATION BY		DATE	
DRAWINGS CORRECTED BY		DATE	
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			



NO.	DATE	REVISIONS	BY
DESIGNED BY	DLH	DATE	05/01
DRAWN BY	RQJ	DATE	05/01
CHECKED BY	DMG	DATE	05/01