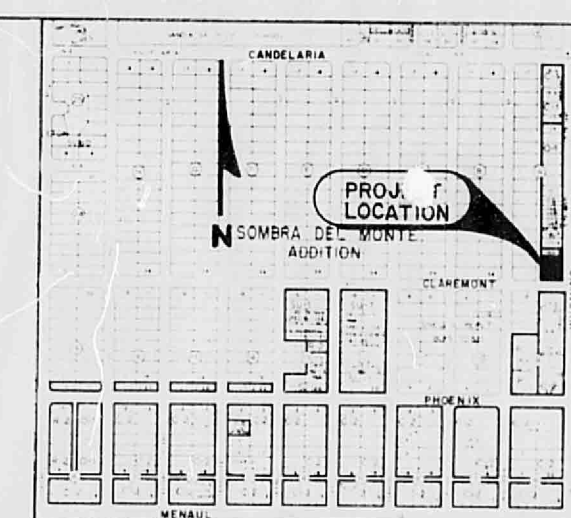


SCALE: 1" = 20'

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # UNDEVELOPED
(DR. AREA) A = 0.44 AC
Tc 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 80 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. (Rounded to even minute)
qp = 45.4A = 2 C.F.S./INCH OF RUNOFF
Tp
(R x Qp) = Qpeak = 1.6 C.F.S.
t(COLUMN) = (t/Tp) t = Tp(t/Tp)
y = Q Q = y(Qpeak)
Qpeak
VOLUME = 1757 Cu. Ft.

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # UNDEVELOPED
(DR. AREA) A = 0.44 AC
Tc 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 85 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. (Rounded to even minute)
qp = 45.4A = 2 C.F.S./INCH OF RUNOFF
Tp
(R x Qp) = Qpeak = 2.2 C.F.S.
t(COLUMN) = (t/Tp) t = Tp(t/Tp)
y = Q Q = y(Qpeak)
Qpeak
VOLUME = 1757 Cu. Ft.

LEGEND
EXISTING CONTOURS
PROPOSED CONTOURS
FLOW ARROWS
ASPHALT PAVING
EXISTING CURB & GUTTER
OVERHEAD UTILITY LINE
CONCRETE
ROOF LEADER
EXISTING ELEVATION
PROPOSED ELEVATION



VICINITY MAP H-15

LEGAL DESCRIPTION
LOTS 37-A & 38, BLOCK "A"
SOMBRA DEL MONTE

BENCHMARK
ALL ELEVATIONS ARE REFERENCED TO A.G.S.
STATION "3-220", AN A.G.S. BRASS CAP IN
THE TOP OF THE CURB IN THE MEDIAN OF
WYOMING BLVD. N.E. JUST NORTH OF
CANDELARIA RD. N.E.
ELEVATION = 5401.00 M.S.L.

T.B.M.
T.B.M. IS A "4" CHISELED IN SIDEWALK
ON NORTHEAST PROPERTY CORNER.
ELEVATION = 5401.00 M.S.L.

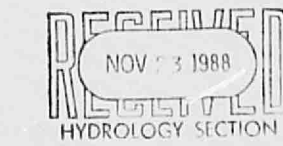
- GENERAL NOTES
1. TOPOGRAPHIC SURVEY PERFORMED BY
VERLON E. HALL, L.S.
 2. ALL ELEVATIONS ARE M.S.L. (Mean
Sea Level)
 3. ADD 5400 TO ALL SPOT ELEVATIONS.
 4. CONTOUR INTERVAL = 1'
 5. SITE IS NOT LOCATED IN A FLOOD
PLAIN.
 6. NO OFF-SITE FLOWS ENTER THIS SITE.
 7. CONTRACTOR IS TO CONSTRUCT
TEMPORARY EARTHEN BERM ALONG
SOUTH & WEST PROPERTY LINE FOR
EROSION AND SEDIMENTATION CONTROL.
BERM IS TO BE 2'-HIGH.
 8. FOR DEMOLITION & REMOVALS, SEE
SURVEY BY HALL.

NOTICE TO CONTRACTOR

1. An excavation/construction permit will be required before
beginning any work within City right of way. An approved copy of
these plans must be submitted at the time of application for this
permit.
2. All work detailed on these plans to be performed, except as
otherwise stated or provided herein, shall be constructed in
accordance with City of Albuquerque Standard Specifications for
Public Works Construction (1986 Edition).
3. Two working days prior to any excavation, Contractor must
contact the Line Locating Service, 765-1234, for location of
existing utilities.
4. Prior to construction, the Contractor shall excavate and
verify the horizontal and vertical locations of all obstructions.
Should a conflict exist, the Contractor shall notify the Engineer
so that the conflict can be resolved with a minimum of delay.
5. Backfill compaction of fill be according to residential street
use.
6. Maintenance of these facilities shall be the responsibility of
the Owner of the property served.
7. Contractor is responsible for obtaining excavation permit for
the S.O. 19 and provide proof of acceptance by the City prior to
hydrology sign-off for Certificate of Occupancy.

DRAINAGE FACILITIES WITHIN CITY RIGHT OF WAY

Design Approval *Verlon E. Hall* 11-23-88 Date
Hydrology Section
Inspection Approval _____ Date
Construction Section
Acceptance _____ Date
Construction Section/Permits



H19/D49

GRADING & DRAINAGE PLAN

PHILLIPS 66 - WYOMING

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 21307
ALBUQUERQUE, NEW MEXICO 87154
(505) 265-0905
Designed: D.M.G. Drawn: M.E.C. Checked: D.M.G. Sheet C1 of 1
Scale: 1" = 20' Date: 8/88

21 DATE 2/24/89

CITY OF ALBUQUERQUE

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Standards of the National
Micrographics Association
(ANSI Z39.18-1977).

Karin Arnesen

CITY CLERK RECORDER



THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

CITY OF ALBUQUERQUE
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ORIGINAL DOCUMENT.

PLANS/PLATS ON FILE

FILE DESC:

H-19/D049

PLANS/PLATS 2

F 30

D 24

C 20

B 16

A 12

CITY OF ALBUQUERQUE

C

D

F

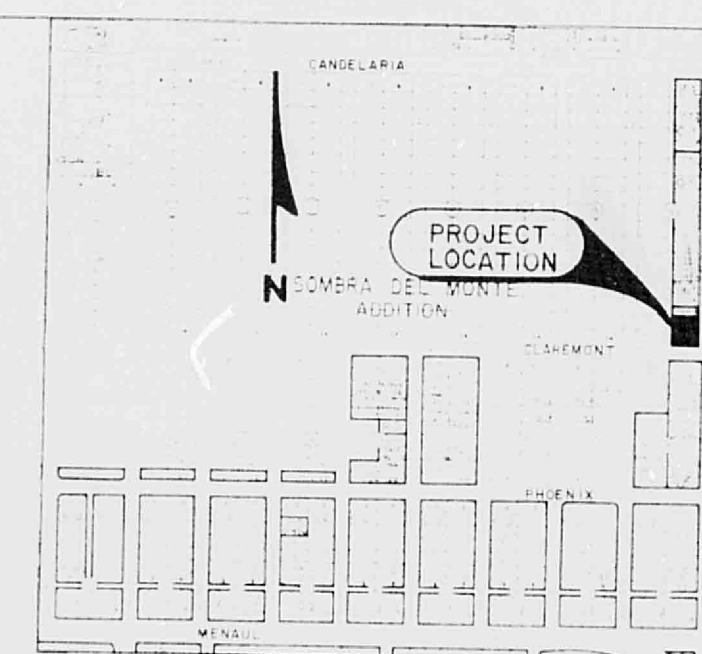
SCALE: 1" = 20'

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # UNDEVELOPED
(DR. AREA) A = 0.44 Ac
Tc 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 80 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 11 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. (Rounded to even minute)
qp = 45.4A = 2 C.F.S./INCH OF RUNOFF
(R x qp) = Qpeak = 1.6 C.F.S.
t(COLUMN) = (t/Tp) (=Tp(t/Tp))
y = Q Q = x(Qpeak)
VOLUME = 1757 Cu. Ft.

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # DEVELOPED
(DR. AREA) A = 0.44 Ac
Tc 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 45 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 11 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. (Rounded to even minute)
qp = 45.4A = 2 C.F.S./INCH OF RUNOFF
(R x qp) = Qpeak = 2.2 C.F.S.
t(COLUMN) = (t/Tp) (=Tp(t/Tp))
y = Q Q = x(Qpeak)
VOLUME = 1757 Cu. Ft.

LEGEND

EXISTING CONTOURS
PROPOSED CONTOURS
FLOW ARROWS
ASPHALT PAVING
EXISTING CURB & GUTTER
OVERHEAD UTILITY LINE
CONCRETE
ROOF LEADER
EXISTING ELEVATION
PROPOSED ELEVATION



VICINITY MAP H-19

LEGAL DESCRIPTION

LOTS 37-4 & 38, BLOCK "A"
SOMBRA DEL MONTE

BENCHMARK

ALL ELEVATIONS ARE REFERENCED TO A.G.S.
STATION "3-620", AN A.G.S. BRASS CAP IN
THE TOP OF THE CURB IN THE MEDIAN OF
WYOMING BLVD. N.E. JUST NORTH OF
DANIELA RD. N.E.
ELEVATION = 5401.00 M.S.L.

T.B.M.

T.B.M. IS A "1" CHISELLED IN SIDEWALK
ON NORTHEAST PROPERTY CORNER.
ELEVATION = 5401.00 M.S.L.

GENERAL NOTES

1. TOPOGRAPHIC SURVEY PERFORMED BY
VERLON E. HALL, L.S.
2. ALL ELEVATIONS ARE M.S.L. (Mean
Sea Level)
3. ADD 5.00' TO ALL ELEVATIONS
4. CONTOUR INTERVAL = 1'
5. SITE IS NOT LOCATED IN A FLOOD
PLAIN.
6. NO OFF-SITE FLOWS ENTER THIS SITE.
7. CONTRACTOR IS TO CONSTRUCT
TEMPORARY EARTHEN BERM ALONG
SOUTH & WEST PROPERTY LINE FOR
EROSION AND SEDIMENTATION CONTROL.
BERM IS TO BE 2' HIGH.
8. FOR DEMOLITION & REMOVALS, SEE
SURVEY BY HALL

NOTICE TO CONTRACTOR

1. An excavation construction permit will be required before
beginning any work within city right of way. An approved copy of
these plans must be submitted at the time of application for this
permit.
2. All work detailed on these plans to be performed, except as
otherwise stated or provided herein, shall be constructed in
accordance with "City of Albuquerque Standard Specifications for
Public Works Construction" (1986 Edition).
3. Two working days prior to any excavation, Contractor must
contact the Line Locating Service, 165-1234, for location of
existing utilities.
4. Prior to construction, the Contractor shall excavate and
verify the horizontal and vertical locations of all obstructions.
Should a conflict exist, the Contractor shall notify the Engineer
so that the conflict can be resolved with a minimum of delay.
5. Backfill compaction shall be according to residential street
use.
6. Maintenance of these facilities shall be the responsibility
of the Owner of the property served.
7. Contractor is responsible for obtaining excavation permit for
the 1, 2, 19 and provide proof of acceptance by the City prior to
hydrology sign-off for Certificate of Occupancy.

DRAINAGE FACILITIES WITHIN CITY RIGHT OF WAY

Design Approval *John Moten* 11-23-88
Hydrology Section Date
Inspection Approval _____ Date
Construction Section
Acceptance _____ Date
Construction Section/Permits



H19/D49

GRADING & DRAINAGE PLAN

PHILLIPS 66 - WYOMING

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 21307
ALBUQUERQUE, NEW MEXICO 87154
(505) 265-0305

Designed: D.M.G. Drawn: M.E.G. Checked: D.M.G. Sheet 01 of 1
Scale: 1" = 20' Date: 8/88

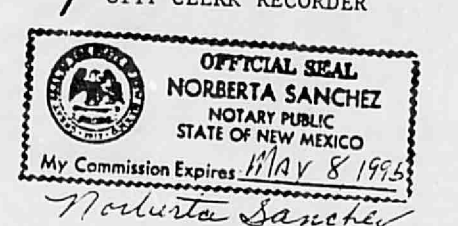
THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

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21 DATE 12-4-88
CITY OF ALBUQUERQUE

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The photographic processes
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Micrographics Association
(NS115-1977).

Kara Arnes
CITY CLERK RECORDER



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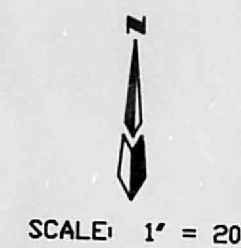
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16

A
12

CITY OF ALBUQUERQUE

C

D

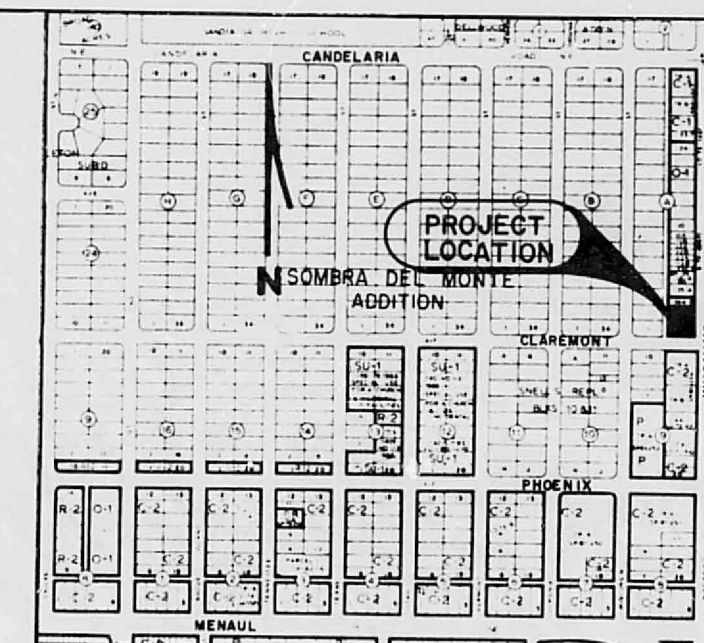


PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # UNDEVELOPED
(DR. AREA) A = 0.44 Ac.
Tc 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 80 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. (Rounded to even minute)
Tp = Tc
qp = 45.44 = 2 C.F.S./INCH OF RUNOFF
(R x qp) = Qpeak = 1.6 C.F.S.
t(COLUMN) = (t/Tp) t = Tp(t/Tp)
y = Q Q = y(Qpeak)
Qpeak
VOLUME = 1757 Cu. Ft.

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # DEVELOPED
(DR. AREA) A = 0.44 Ac.
Tc 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 85 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. (Rounded to even minute)
Tp = Tc
qp = 45.44 = 2 C.F.S./INCH OF RUNOFF
(R x qp) = Qpeak = 2.2 C.F.S.
t(COLUMN) = (t/Tp) t = Tp(t/Tp)
y = Q Q = y(Qpeak)
Qpeak
VOLUME = 1757 Cu. Ft.

LEGEND

EXISTING CONTOURS ---101---
PROPOSED CONTOURS ---100---
FLOW ARROWS
ASPHALT PAVING
EXISTING CURB & GUTTER
OVERHEAD UTILITY LINE
CONCRETE
ROOF LEADER
EXISTING ELEVATION x 99.75
99.25
PROPOSED ELEVATION 99.85
99.35



VICINITY MAP H-19

LEGAL DESCRIPTION

LOTS 37-A & 38, BLOCK "A"
SOMBRA DEL MONTE

BENCHMARK

ALL ELEVATIONS ARE REFERENCED TO A.C.S.
STATION 5-620, AN A.C.S. BRASS CAP IN
THE TOP OF THE CURB IN THE MEDIAN OF
WYOMING BLVD. N.E. JUST NORTH OF
CANDELARIA RD. N.E.
ELEVATION = 5404.78 M.S.L.

T.B.M.

T.B.M. IS A "4" CHISELLED IN SIDEWALK
ON NORTHEAST PROPERTY CORNER.
ELEVATION = 5401.00 M.S.L.

GENERAL NOTES

1. TOPOGRAPHIC SURVEY PERFORMED BY
VERLON E. HALL, L.S.
2. ALL ELEVATIONS ARE M.S.L. (Mean
Sea Level)
3. ADD 5400 TO ALL SPOT ELEVATIONS.
4. CONTOUR INTERVAL = 1'
5. SITE IS NOT LOCATED IN A FLOOD
PLAIN.
6. NO OFF-SITE FLOWS ENTER THIS SITE.
7. CONTRACTOR IS TO CONSTRUCT
TEMPORARY EARTHEN BERM ALONG
SOUTH & WEST PROPERTY LINE FOR
EROSION AND SEDIMENTATION CONTROL.
BERM IS TO BE 2' HIGH.
8. FOR DEMOLITION & REMOVALS, SEE
SURVEY BY HALL.

THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

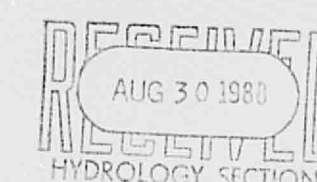
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R# 21 DATE 2-24-82
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Kara Auer
CITY CLERK RECORDER

OFFICIAL SEAL
NOBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires MAY 8 1994
Noberta Sanchez



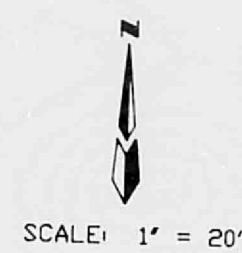
GRADING & DRAINAGE PLAN

PHILLIPS 66 - WYOMING

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 21307
ALBUQUERQUE, NEW MEXICO 87154
(505) 265-0905

Designed: D.M.G. Drawn: M.E.C. Checked: D.M.G. Sheet 01 of 1
Scale: 1" = 20" Date: 8/88

CITY OF ALBUQUERQUE



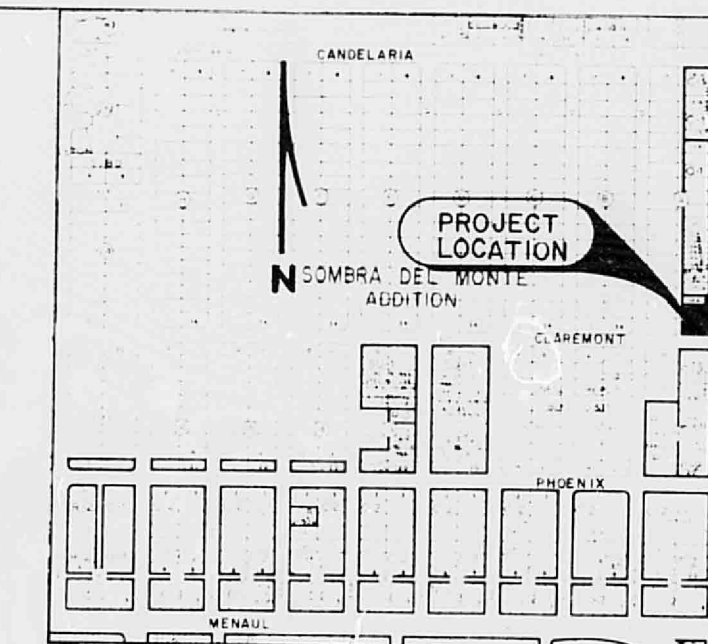
SCALE: 1" = 20'

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # UNDEVELOPED
(DR. AREA) A = 0.44 Ac.
Tc = 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 80 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. Tp = Tc
qp = 45.4A = 2 C.F.S./INCH OF RUNOFF
(Rounded to even minute)
 $(R \times qp) = Q_{peak} = 1.6$ C.F.S.
 $t(COLUMN) = (t/Tp)$ $t = Tp(t/Tp)$
 $y = \frac{Q}{Q_{peak}} Q = y(Q_{peak})$
VOLUME = 1757 Cu. Ft.

PROJECT PHILLIPS 66
LOCATION WYOMING
ANALYSIS POINT # DEVELOPED
(DR. AREA) A = 0.44 Ac.
Tc = 10 MIN.
POINT RAINFALL 2.35 IN. FROM PLATE 22.2 D-1
CN = 85 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.1 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. Tp = Tc
qp = 45.4A = 2 C.F.S./INCH OF RUNOFF
(Rounded to even minute)
 $(R \times qp) = Q_{peak} = 2.2$ C.F.S.
 $t(COLUMN) = (t/Tp)$ $t = Tp(t/Tp)$
 $y = \frac{Q}{Q_{peak}} Q = y(Q_{peak})$
VOLUME = 1757 Cu. Ft.

LEGEND

EXISTING CONTOURS --- (0.1) ---
PROPOSED CONTOURS --- 100 ---
FLOW ARROWS --->---
ASPHALT PAVING ---
EXISTING CURB & GUTTER ---
OVERHEAD UTILITY LINE ---
CONCRETE ---
ROOF LEADER --->---
EXISTING ELEVATION x 99.75
99.25
99.55
99.35
PROPOSED ELEVATION



VICINITY MAP H-19

LEGAL DESCRIPTION

LOTS 37-A & 38, BLOCK "A"
SOMBRA DEL MONTE

BENCHMARK

ALL ELEVATIONS ARE REFERENCED TO A.C.S.
STATION "3-620", AN A.C.S. BRASS CAP IN
THE TOP OF THE CURB IN THE MEDIAN OF
WYOMING BLVD. N.E., JUST NORTH OF
CANDELARIA RD. N.E.
ELEVATION = 5404.78 M.S.L.

T.B.M.

T.B.M. IS A "4" CHISELED IN SIDEWALK
ON NORTHEAST PROPERTY CORNER.
ELEVATION = 5401.00 M.S.L.

GENERAL NOTES

1. TOPOGRAPHIC SURVEY PERFORMED BY
VERLON E. HALL, L.S.
2. ALL ELEVATIONS ARE M.S.L. (Mean
Sea Level)
3. ADD 5400 TO ALL SPOT ELEVATIONS.
4. CONTOUR INTERVAL = 1'
5. SITE IS NOT LOCATED IN A FLOOD
PLAIN.
6. NO OFF-SITE FLOWS ENTER THIS SITE.
7. CONTRACTOR IS TO CONSTRUCT
TEMPORARY EARTHEN BERM ALONG
SOUTH & WEST PROPERTY LINE FOR
EROSION AND SEDIMENTATION CONTROL.
BERM IS TO BE 2' HIGH.
8. FOR DEMOLITION & REMOVALS, SEE
SURVEY BY HALL.

THIS PLAN SHOT TWICE
ONCE ON LIGHT AND
ONCE ON DARK.

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Ref 21 DATE 12/29/82
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(NS115-1977).

Klaus Ammer
CITY CLERK RECORDER

OFFICIAL SEAL
NOBERTA SANCHEZ
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires MAY 8 1983
Noberta Sanchez

GRADING & DRAINAGE PLAN	
PHILLIPS 66 - WYOMING	
dmg D. MARK GOODWIN & ASSOCIATES, P.A. CONSULTING ENGINEERS P.O. BOX 21307 ALBUQUERQUE, NEW MEXICO 87154 (505) 265-0905	
Designed: D.M.G.	Drawn: M.E.C.
Scale: 1" = 20'	Checked: D.M.G.
	Date: 5/78
	Sheet C/1 of 1

D
24

C
20

B
16

A
12

CITY OF ALBUQUERQUE

C

D