

GRAPHIC SCALE

FIRM MAP

358 of 825

[illegible]

VICINITY MAP ZM 1-20

VICINITY MAP ZM I-20

```

START                                TIME=0.00 CODE 0 LINES 80
**S COMPUTE 100 YR. HYDROGRAPHS FOR THE LINES L.L.C.
**S                                SOL .TXT      -    AHYMO PER JAN 1997 DPM REVISIONS

RAINFALL                            TYPE=1.1  RAIN QUAR=0.0  RAIN ONE= 2.14
                                RAIN SIX= 2.60  RAIN DAY=3.10  DT=0.0333
*****
**S COMPUTE ONSITE AREA DEVELOPED

COMPUTE NM HYD                     ID=1    HYD NO= 101.1  DA=0.00005 SQ MI
                                PER A 0 PER B 0 PER C 0 PER D 100 TP=-0.13
                                RAIN=1.1  DT=0.0
                                ID=1      CODE=10

PRINT HYD

**S COMPUTE ONSITE AREA HISTORIC
COMPUTE NM HYD                     ID=2    HYD NO= 102.1  DA=0.00005 SQ MI
                                PER A 100 PER B 0 PER C 0 PER D 0 TP=-0.13
                                RAIN=1.1  DT=0.0
                                ID=6      CODE=10

PRINT HYD

*****+++++*****

```

AHYMO PROGRAM SUMMARY TABLE (AHYMO_97) -				- VERSION: 1997.02a		RUN DATE (MON/DAY/YR) = 05/12/2006					
INPUT FILE = G:\ahymo\SQL.txt				USER NO. = AHYMO-I-9702a0100007G-SH							
COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID NO.	TO ID NO.	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE = 1	NOTATION
START										TIME=	.00
*S COMPUTE 100 YR. HYDROGRAPHS FOR THE SOL L.L.C.											
*S CAND.TXT - AHYMO PER JAN 1997 DPM REVISIONS											
RAINFALL TYPE= 1											
*S COMPUTE ONSITE AREA DEVELOPED											
*S COMPUTE NM HYD 101.10 - 1 .00005 .17 .006 2.35524 1.500 5.374 PER IMP= 100.00											
*S COMPUTE ONSITE AREA HISTORIC											
*S COMPUTE NM HYD 102.10 - 2 .00005 .07 .002 .65520 1.500 2.195 PER IMP= .00											

THIS LOT IS NOT IN A FLOOD PLAIN. THE PROJECT IS THE CONSTRUCTION OF A 75' X 75' METAL BLDG. ON A CONCRETE FOUNDATION/FLOOR SLAB. INITIALLY, THE EXTERIOR AREA IS TO SURFACED WITH GRAVEL, LATER TO BE PAVED. DIRECT DISCHARGE WILL BE EFFECTED IN THIS CASE. DRAINAGE BASIN IS THE WHOLE LOT.

I, WALLACE L. BINGHAM NMPE 7281, 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 11/21/2002. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST ON MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR RELEASE OF CERTIFICATE OCCUPANCY.

AS-BUILT DESIGNATION 92.10
~~92.08~~
OR
92.50

Prismoidal Volume Results	
Original Surface Model:	exist
Final Surface Model:	prop
Cut Compaction Factor:	0.00 %
Fill Compaction Factor:	20.00 %
Raw Cut Volume:	17.79 cu yd
Compacted Cut Volume:	0.00 cu yd
Total Cut Volume:	17.79 cu yd
Raw Fill Volume:	94.67 cu yd
Compacted Fill Volume:	18.93 cu yd
Total Fill Volume:	113.60 cu yd

SURVEY BY
ROSS HOWARD COMPANY
Legend

- Found #4 Rebar
- Found #5 rebar w/ Cap L.S. 8686
- Set #5 rebar w/ Cap L.S. 4577
- Found 1-1/4" Iron Pipe

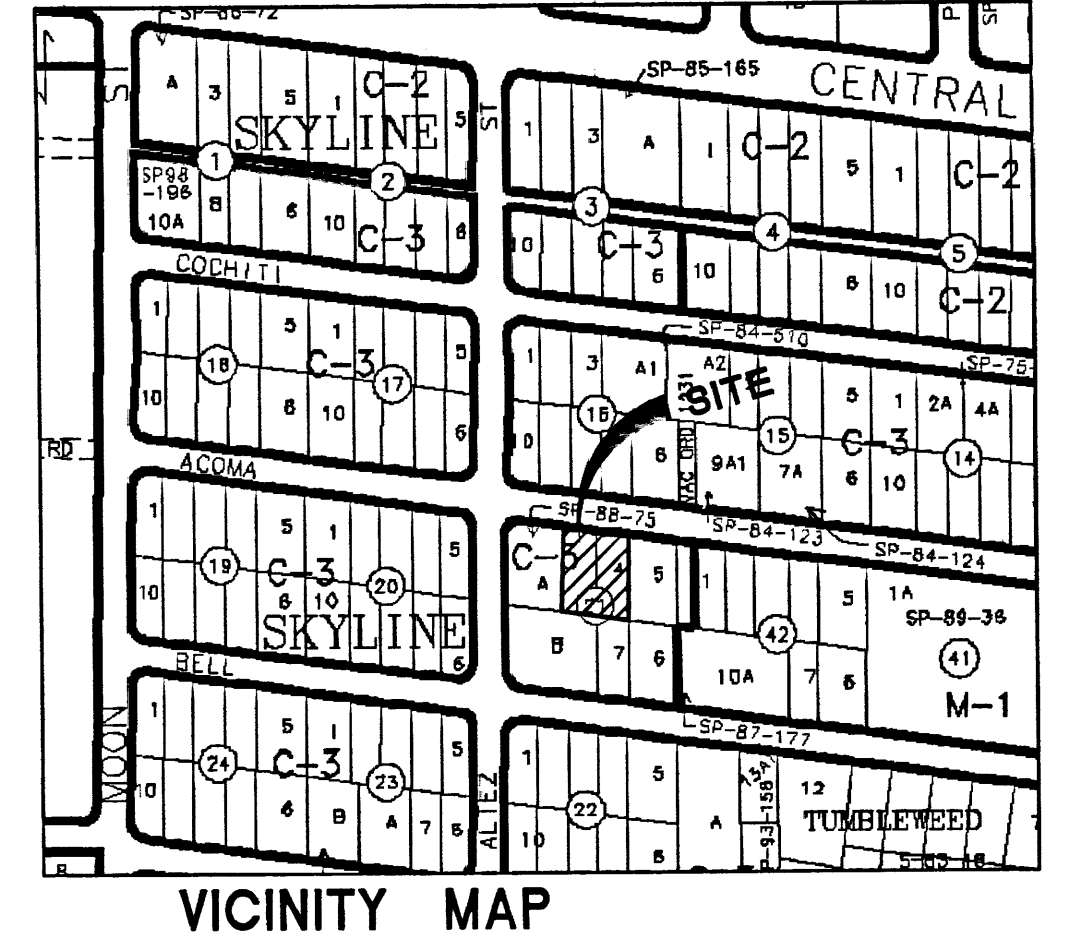
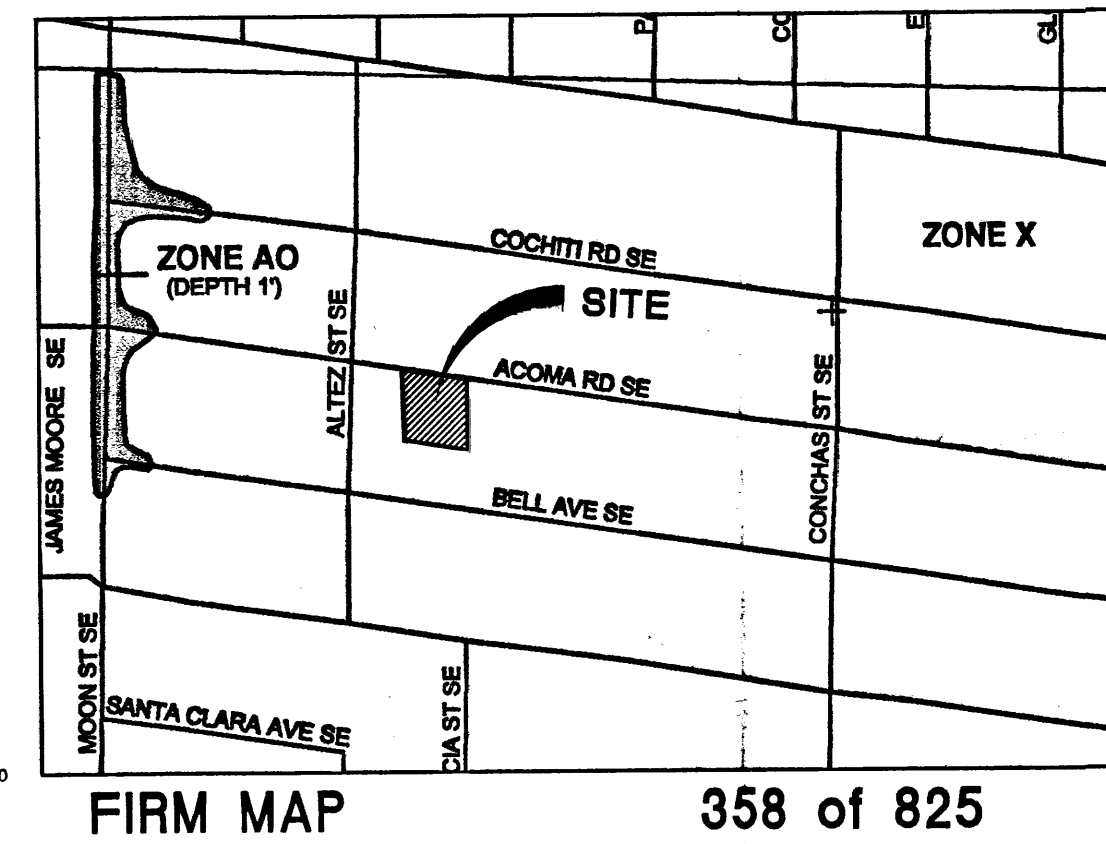
BINGHAM ENGINEERING
6344 Belcher NE
Albuquerque, New Mexico 87109
505 797 4699

GRADING AND DRAINAGE PLAN
SOL L.L.C.

9808 ACOMA RD. SE

LEGEND	
	PROPOSED TOP OF CURB ELEVATION
	EXISTING STOP ELEVATION
	PROPOSED STOP ELEVATION (GRND & TC)
	TEMPORARY PAVING
	PROPOSED CURB & GUTTER
	EXISTING CURB AND GUTTER
	EXISTING CONTOUR 1/4" INDEX ELEVATION
	PROPOSED CONTOUR 1/4" INDEX ELEVATION
	FLOW ARROW
	STORM DRAIN WITH MANHOLE & INLETS
	PROPOSED STORM DRAIN
	PROPOSED STORM SEWER CATCH BASIN
	PROPOSED WATER BLOCK
	BASIN BOUNDARY
	SUB BASIN BOUNDARY
	PHASE LINE
	RETAINING WALL
	PROPERTY LINE

LOT "4-A", BLOCK 21
SKYLINE HEIGHTS SUBDIVISION
SITUATE WITHIN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO



ACOMA

ROAD

S.E.

GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.

FIRM MAP

358 of 825

VICINITY MAP

HYDROLOGY

START TIME=0.0 CODE 0 LINES 80
*S COMPUTE 100 YR. HYDROGRAPHS FOR THE SOL L.L.C.
*S SOL .TXT - AHYMO PER JAN 1997 DPM REVISIONS

RAINFALL TYPE=-1 RAIN QUAR=0.0 RAIN ONE= 2.14
RAIN SIX= 2.50 RAIN DAY=3.10 DT=0.0333

*S COMPUTE ONSITE AREA DEVELOPED

COMPUTE NM HYD ID=1 HYD NO= 101.1 DA=0.00005 SQ MI
PER A 0 PER B 0 PER C 0 PER D 100 TP=-0.13
RAIN=-1 DT=0.0
ID=1 CODE=10

PRINT HYD

*S COMPUTE ONSITE AREA HISTORIC
COMPUTE NM HYD ID=2 HYD NO= 102.1 DA=0.00005 SQ MI
PER A 100 PER B 0 PER C 0 PER D 0 TP=-0.13
RAIN=-1 DT=0.0
ID=2 CODE=10

PRINT HYD

FINISH

HYMO PROGRAM SUMMARY TABLE (AHYMO_97) -
INPUT FILE = G:\ahymo\SOL.txt

VERSION: 1997.02a RUN DATE (MON/DAY/YR) = 05/12/2006
USER NO. = AHYMO-1-9702a01000076-SH

COMMAND	HYDROGRAPH IDENTIFICATION	FROM ID	TO ID	AREA (SQ MI)	PEAK DISCHARGE (CFS)	RUNOFF VOLUME (AC-FT)	RUNOFF (INCHES)	TIME TO PEAK (HOURS)	CFS PER ACRE	PAGE
START	*S COMPUTE 100 YR. HYDROGRAPHS FOR THE SOL L.L.C.									1
*S	CAND .TXT - AHYMO PER JAN 1997 DPM REVISIONS									
RAINFALL	TYPE= 1									
*S	COMPUTE ONSITE AREA DEVELOPED									
COMPUTE NM HYD	101.10	1		.00005	.17	.006	2.35524	1.500	5.374 PER IMP= 100.00	
*S	COMPUTE ONSITE AREA HISTORIC									
COMPUTE NM HYD	102.10	2		.00005	.07	.002	.65520	1.500	2.195 PER IMP= .00	

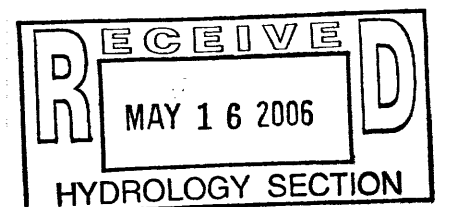
TIME= .00
RAIN6= 2.600

NARRATIVE

THIS LOT IS NOT IN A FLOOD PLAIN. THE PROJECT IS THE CONSTRUCTION OF A 75' X 75' METAL BLDG. ON A CONCRETE FOUNDATION/FLOOR SLAB. INITIALLY, THE EXTERIOR AREA IS TO SURFACED WITH GRAVEL, LATER TO BE PAVED. DIRECT DISCHARGE WILL BE EFFECTED IN THIS CASE. DRAINAGE BASIN IS THE WHOLE LOT.

LEGEND

✕ 86.43	PROPOSED TOP OF CURB ELEVATION
✕ 86.5	EXISTING SPOT ELEVATION
✕ 86.0	PROPOSED SPOT ELEVATION (GRID & TO)
---	TEMPORARY PAVING
---	PROPOSED CURB & GUTTER
---	EXISTING CURB AND GUTTER
---	EXISTING CONTOUR W/ INDEX ELEVATION
---	PROPOSED CONTOUR W/ INDEX ELEVATION
---	FLOW ARROW
---	STORM DRAIN WITH MANHOLE & INLETS
---	PROPOSED STORM DRAIN
---	PROPOSED STORM SEWER CATCH BASIN
---	PROPOSED WATER BLOCK
---	BASIN BOUNDARY
---	SUB BASIN BOUNDARY
---	PHASE LINE
---	RETAINING WALL
---	PROPERTY LINE



Prismoidal Volume Results

Original Surface Model: exist
Final Surface Model: prop.
Cut Compaction Factor: 0.00 %
Fill Compaction Factor: 20.00 %

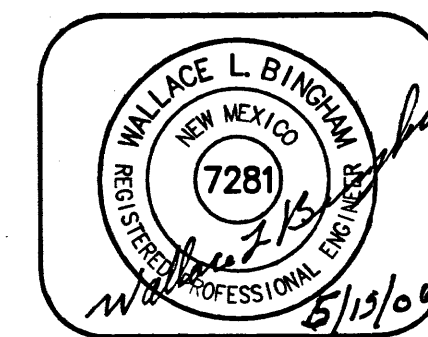
Raw Cut Volume: 17.79 cu yd
Compacted Cut Volume: 0.00 cu yd
Total Cut Volume: 17.79 cu yd

Raw Fill Volume: 94.67 cu yd
Compacted Fill Volume: 18.93 cu yd
Total Fill Volume: 113.60 cu yd

SURVEY BY
ROSS HOWARD COMPANY
Legend

- Found #4 Rebar
- Found #5 rebar w/ Cap L.S. 8686
- Set #5 rebar w/ Cap L.S. 4577
- Found 1-1/4" Iron Pipe

BINGHAM ENGINEERING
6344 Belcher NE
Albuquerque, New Mexico 87109
505 797 4699



GRADING AND DRAINAGE PLAN

SOL L.L.C.

9808 ACOMA RD. SE

Sta. "5-K20"
Elev.=5430.00 (Adjusted NAVD88)
Y=1,491,938.56
X=413,013.85

FOUND REBAR
W/ALUM. CAP
(TAGGED)

FACE OF EXISTING CURB
TO PUBLIC ROAD EASEMENT

ADDITIONAL 4.0' PUBLIC ROAD
EASEMENT GRANTED BY THIS PLAT
(CONTAINING 402.4 SQ. FT.)

F.F. = 43.50

LOT "A"
BLOCK 21
SKYLINE HEIGHTS SUBDIVISION
FILED MARCH 10, 1988
VOL. C36, FOLIO 15
DOC. # 8820865

LOT "4-A", BLOCK 21
0.3090 ACRES

LOT 1, BLOCK 42
SKYLINE HEIGHTS SUBD.
FILED 11-18-46
BK. B1, PG. 112

EAST ONE-HALF (E. 1/2) GARCIA STREET SE.
SKYLINE HEIGHTS SUBD.
COMMISSION ORDINANCE NO. 1231
(RECORDED JUNE 4, 1957)

WEST ONE-HALF (W. 1/2) GARCIA STREET SE.
SKYLINE HEIGHTS SUBD.
COMMISSION ORDINANCE NO. 1231
(RECORDED JUNE 4, 1957)

LOT 7, BLOCK 21
SKYLINE HEIGHTS SUBD.
FILED 11-18-46
BK. B1, PG. 112

LOT "B"
BLOCK 21
SKYLINE HEIGHTS SUBDIVISION
FILED MARCH 10, 1988
VOL. C36, FOLIO 15
DOC. # 8820865

LOT 6, BLOCK 21
SKYLINE HEIGHTS SUBD.
FILED 11-18-46
BK. B1, PG. 112

LOT "A-A", BLOCK 21
SKYLINE HEIGHTS SUBDIVISION
SITUATE WITHIN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO

ACOMA

ROAD

S.E.

ADDITIONAL 4.0' PUBLIC ROAD
EASEMENT GRANTED BY THIS PLAT
(CONTAINING 402.4 SQ. FT.)

"EXIT ONLY" SIGN

"ENTRANCE ONLY" SIGN

B.M. ELEV 5442.88
Found 1-1/4" Iron Pipe
(TAGGED)

1" = 10'

GRAPHIC SCALE

(IN FEET)
1 inch = 10 ft.



VICINITY MAP

DRIVEPAD PER COA STD. # 2425

135.03'

ONE WAY

GATE

EXISTING FENCE

(N 0°25' E, 135')

EXISTING FENCE

12.50'

40.00'

FOUND REBAR
W/ALUM. CAP
(TAGGED)

EXISTING 5' EASEMENT
FOR UTILITY LINES

(S 82°47' W)

(N 82°47' W)

(50.35')

P/L

SET #5 REBAR
W/CAP "RHC LS 4577"

ONE WAY

GATE

EXISTING FENCE

(S 0°25' W, 135')

EXISTING FENCE

(N 0°25' E, 135')

EXISTING FENCE

12.50'

40.00'

FOUND REBAR
W/ALUM. CAP
(TAGGED)

EXISTING 5' EASEMENT
FOR UTILITY LINES

(S 82°47' W)

(N 82°47' W)

(50.35')

P/L

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W/CAP "RHC LS 4577"

EXISTING FENCE

(N 0°25' E, 135')

EXISTING FENCE

12.50'

40.00'

FOUND REBAR
W/ALUM. CAP
(TAGGED)

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(N 82°47' W)

(50.35')

P/L

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W/CAP "RHC LS 4577"

EXISTING FENCE

(N 0°25' E, 135')

EXISTING FENCE

12.50'

40.00'

FOUND REBAR
W/ALUM. CAP
(TAGGED)

EXISTING 5' EASEMENT
FOR UTILITY LINES

(S 82°47' W)

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(50.35')

P/L

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FOUND REBAR
W/ALUM. CAP
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40.00'

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40.00'

FOUND REBAR
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FOR UTILITY LINES

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40.00'

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(TAGGED)

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(50.35')

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(TAGGED)

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40.00'

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(TAGGED)

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EXISTING FENCE

12.50'

40.00'

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W/ALUM. CAP
(TAGGED)

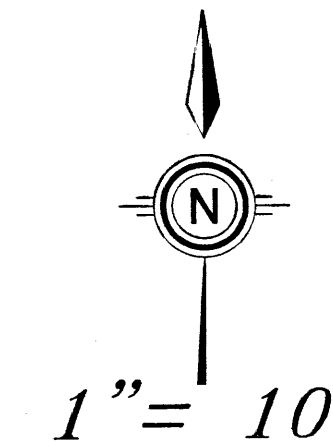
EXISTING 5' EASEMENT
FOR UTILITY LINES

(S 82°47' W)

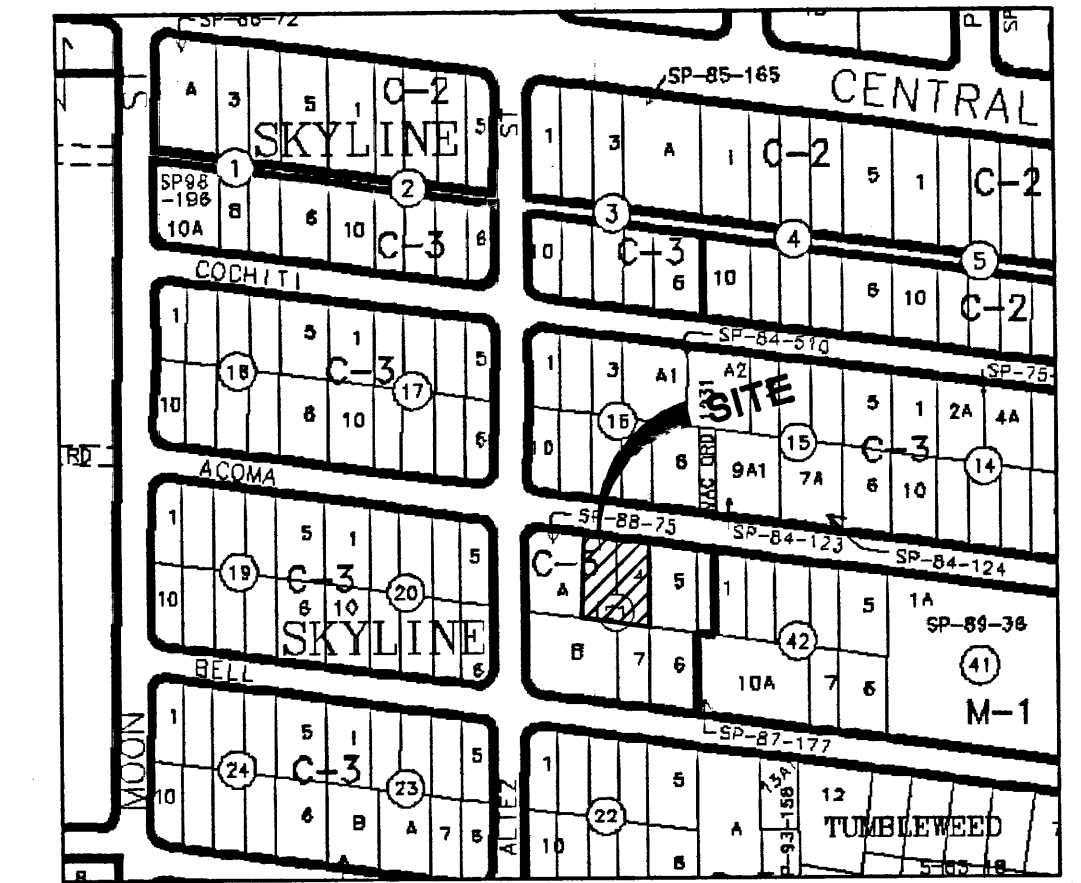
(N 82°47' W)

(50.35')

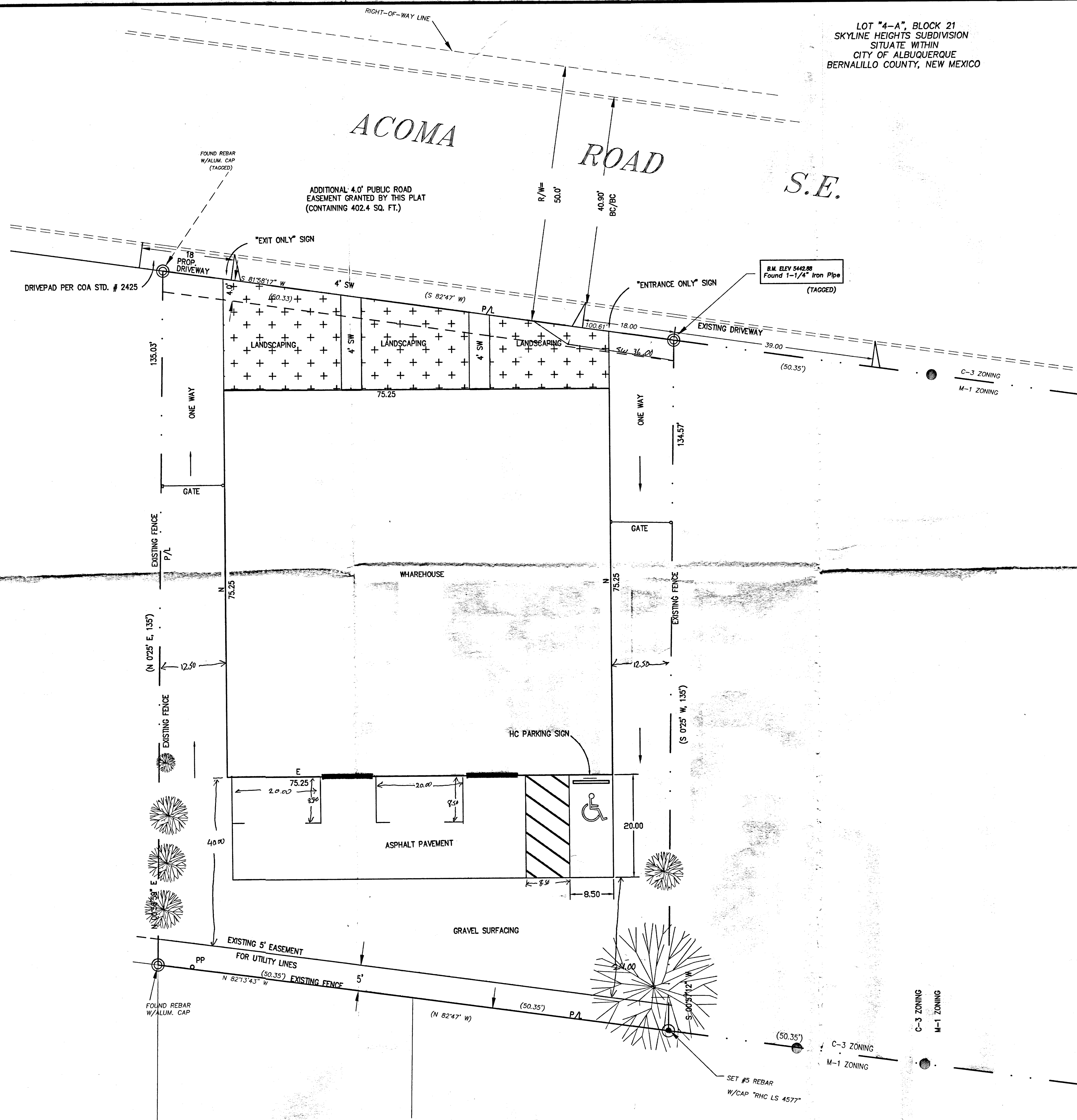
LOT "4-A", BLOCK 21
SKYLINE HEIGHTS SUBDIVISION
SITUATE WITHIN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO



GRAPHIC SCALE
(IN FEET)
1 inch = 10 ft.



VICINITY MAP



TRAFFIC CIRCULATION LAYOUT
APPROVED
4/5/06
Signed _____
Date _____



SITE PLAN
SOL L.L.C.

9808 ACOMA RD. SE