

STA. 10+00.00, & ROSS CT.
R.P. CUL-DE-SAC

51.1 CFS
(19.1+12)

STA. 11+18.00, & ROSS CT.
STA. 12+28.50, & ASH STREET

S 86° 40' 48" E

STA. 13+79.00, & ROSS CT.
R.P. CUL-DE-SAC

TRACT X
LANDS OF N.P. LTD.
(C-34/L-7)

BASIN A

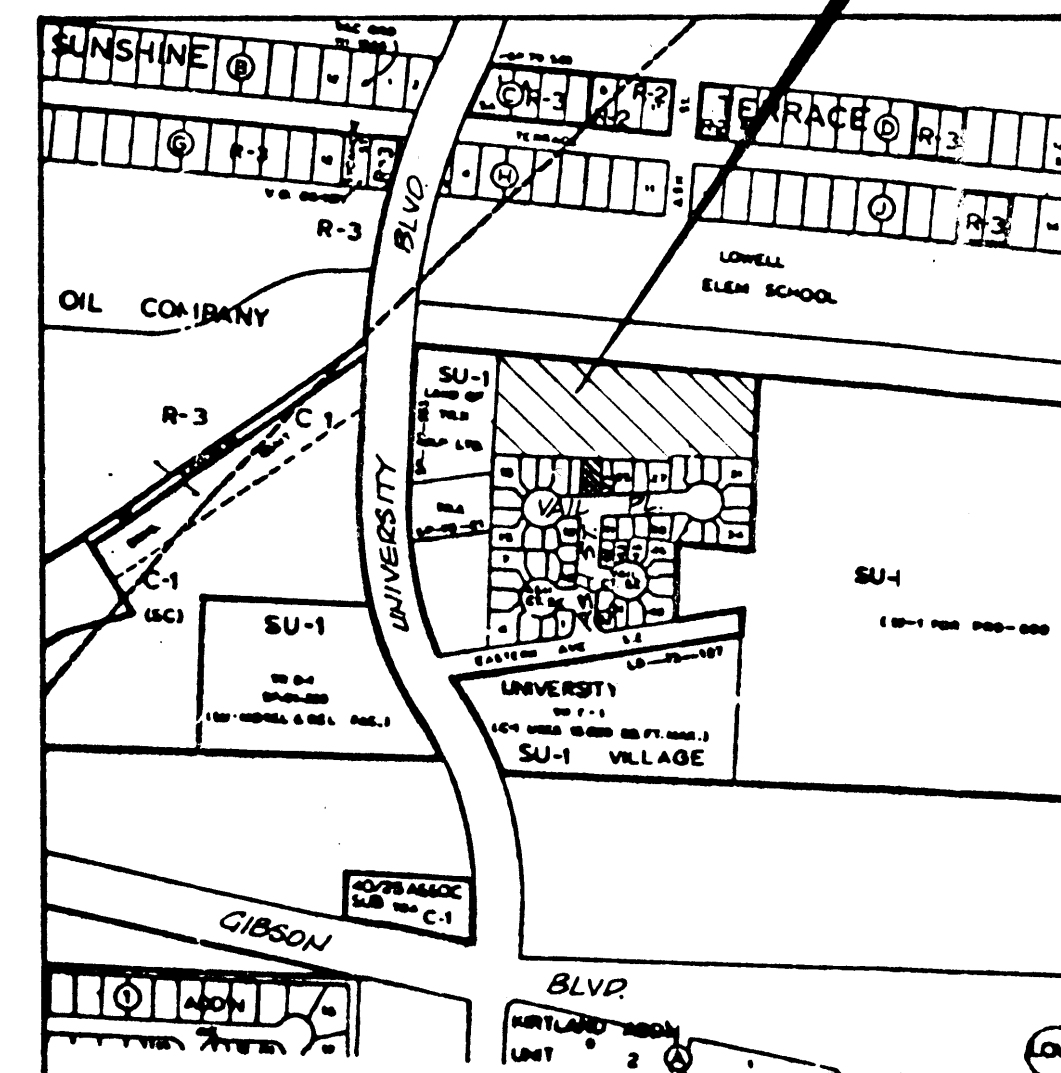
BASIN B

GENERAL NOTES

- THE GRADING PLAN SHOWS THE FOLLOWING:
 - EXISTING GRADES INDICATED BY CONTOURS AT 1-FOOT INTERVALS AS OBTAINED FROM A TOPOGRAPHIC SURVEY PERFORMED BY THE CITY OF ALBUQUERQUE PUBLIC WORKS/SURVEY DEPARTMENT IN MARCH 1990.
 - THE GENERAL CONCEPT OF THE DRAINAGE PATTERN FOR THE FINAL GRADING AND DRAINAGE IS INDICATED BY THE PROPOSED CONTOUR INTERVALS, SPOT ELEVATIONS, AND FLOW ARROWS.
- THE GENERAL CONCEPT OF THIS PLAN IS TO DIRECT THE RUNOFF (12 CFS) FROM THE PROPOSED IMPROVEMENTS TO THE EXISTING 30-INCH STORM DRAIN SYSTEM WHICH HAS A CAPACITY OF 53 CFS. THE EXISTING FLOW FROM THE LOMAS DEL CIELO SUBDIVISION TO THE SOUTH IS 19.1 CFS WHICH PRESENTLY DRAINS INTO THE EXISTING 24-INCH STORM DRAIN WITH A CAPACITY OF 18 CFS.
- SEE DRAINAGE REPORT FOR RUNOFF CALCULATIONS AND OTHER PERTINENT INFORMATION.

GRADING & DRAINAGE PLAN

SCALE: 1"=30'



LOCATION MAP

NOT TO SCALE

L-15

LEGEND

- 05 — EXISTING CONTOUR
- 85.50 — NEW SPOT ELEVATION
- 95 — NEW CONTOUR
- F.P. FINISHED FLOOR
- DIRECTION OF FLOW
- TBM TEMPORARY BENCH MARK
- G' — W — EXISTING WATER LINE
- G — EXISTING GAS LINE
- EXISTING CATCH BASIN
- NEW CATCH BASIN
- — — EXISTING SIDEWALK
- — — NEW SIDEWALK
- EXISTING MANHOLE
- NEW MANHOLE
- — — EXISTING ASPHALT PAVEMENT
- — — EXISTING WALL
- — — NEW RETAINING WALL
- — — PROPERTY LINE
- — — RIGHT-OF-WAY LINE
- T.C. TOP OF CURB
- T.G. TOP OF GRATE
- INV. INVERT
- T.W. TOP OF NEW WALL
- 24" — SD — EXISTING STORM DRAIN
- — — NEW STORM DRAIN
- — — GRADE BREAK
- — — NEW GARDEN WALL
- — — DRAINAGE BASIN BOUNDARY
- F.G. FINISHED GRADE
- 30" — SD — NEW STORM DRAIN TO BE CONSTRUCTED UNDER COA PROJECT # 3404

KEYED NOTES

- CONSTRUCT SINGLE "C" C.B.
T.C. = 82.57
18" INV. = 79.00
- CONSTRUCT SINGLE "C" C.B.
T.C. = 85.80
18" INV. = 79.00
- REMOVE TYPE "C" C.B.
CONSTRUCT TYPE "D" C.B.
MATCH INV. IN AND OUT
- CONNECT TO EXISTING 24-INCH STUB-OUT AT INV. 76.10±
- CONSTRUCT KEYSTONE RETAINING WALL. SEE DETAIL A/6.
- CONSTRUCT GARDEN WALL. SEE DETAIL B/6.
- CONSTRUCT GRAVEL ROAD. SEE DETAIL C/6.
- CONSTRUCT 12" PIPE GATE W/BREAKAWAY LOCKING DEVICE. COA DWG. 2451.

S-SEC Smith-Scheuch
Engineering Company
Albuquerque, New Mexico

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LOMAS DEL CIELO SUBDIVISION - UNIT 2

GRADING AND DRAINAGE PLAN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTEWATER		
HYDROLOGY					

PROJECT NO.	4163	MAP NO.	L-15	SHEET	2	OF	6
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AS BUILT INFORMATION			
CONTRACTOR	DATE	INSPECTOR'S	DATE
STAKE BY		FIELD	
VERIFICATION BY		CORRECTED BY	
MICRO-FILM INFORMATION			
RECORDED BY	NO.		

BENCH MARKS			
TBM-1	DATE	BY	DATE
VAIL PLACE	3/90	CITY OF ALBUQ.	

SURVEY INFORMATION			
FIELD NOTES	DATE	BY	DATE
NO.		CITY OF ALBUQ.	

ENGINEER'S SEAL			
NO.	DATE	BY	DATE
		REVISIONS	
		DESIGN	
		DRAWN BY RA	
		CHECKED BY R/C	

REVISIONS			
NO.	DATE	BY	DATE
		DESIGN	
		DRAWN BY RA	
		CHECKED BY R/C	

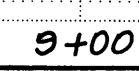
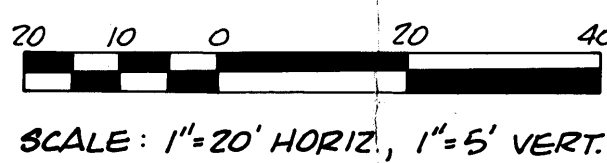
DATE 4/91	DATE 4/91
DATE 4/91	DATE 4/91

DATE 4/91	DATE 4/91
DATE 4/91	DATE 4/91

CURVE NO. (3) (R.C.)

T/C	F/L
86.67	86.00
86.67	86.00
86.67	86.00
86.00	85.33

$\Delta = 90^\circ 54' 05''$
 $Z = 29.375'$
 $T = 29.84'$
 $L = 46.60'$



- 1 INSTALL ¾-INCH DOUBLE METER AND METER BOX, COA DWG. 2361.
- 2 CONSTRUCT 12" DRIVEPAD COA DWG. 2425.
- 3 INSTALL ¾-INCH SINGLE METER AND METER BOX, COA DWG. 2361.
- 4 CONSTRUCT WHEELCHAIR RAMP COA DWG. 2441.
- 5 CONSTRUCT KEYSTONE RETAINING WALL. SEE DETAIL A/6.
- 6 INSTALL 4-INCH SAS SERVICE LINE, COA DWG. 2125.
- 7 INSTALL WOODEN BOLLARD, 5 TYP AT 3' O.C., SEE DETAIL D/6.

[illegible]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP
MAY 20 1991
TITLE: LOMAS DEL CIELO SUBDIVISION - UNIT 2
HYDROLOGIC DIVISION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D R C CHAIRMAN			WATER		
TRANSPORTATION			WASTEWATER		
HYDROLOGY					

PROJECT NO.	4163	MAP NO.	L-15	SHEET	4	OF	6
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PLAN VIEW OF PROPOSED 8' WATERWAY AND 8' SEWER LINE CROSSING ROAD.

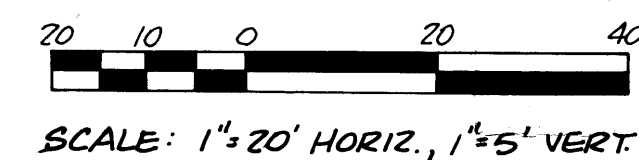
STATIONING: STA. 13+00.00, STA. 13+20.24, STA. 14+00.00, STA. 14+09.00, STA. 14+19.00.

KEY FEATURES:

- NEW 8" WATER
- NEW 8" SAS
- EXIST. FENCE
- PROPOSED ROAD ALIGNMENT
- SEWER LINE ALIGNMENT
- WATERWAY ALIGNMENT

NOTES:

- CONSTRUCT 4" Ø TYPE "E" M.H.
- RIM = 90.00
- B' INV. W. = 89.50
- STA. 13+19.00, 6'
- STA. 14+19.00, 6'
- STA. 14+09.00, 10' LT. CAP 1 BLOCK AS REQD.
- STA. 13+09.00, 10' LT. CAP 1 BLOCK AS REQD.



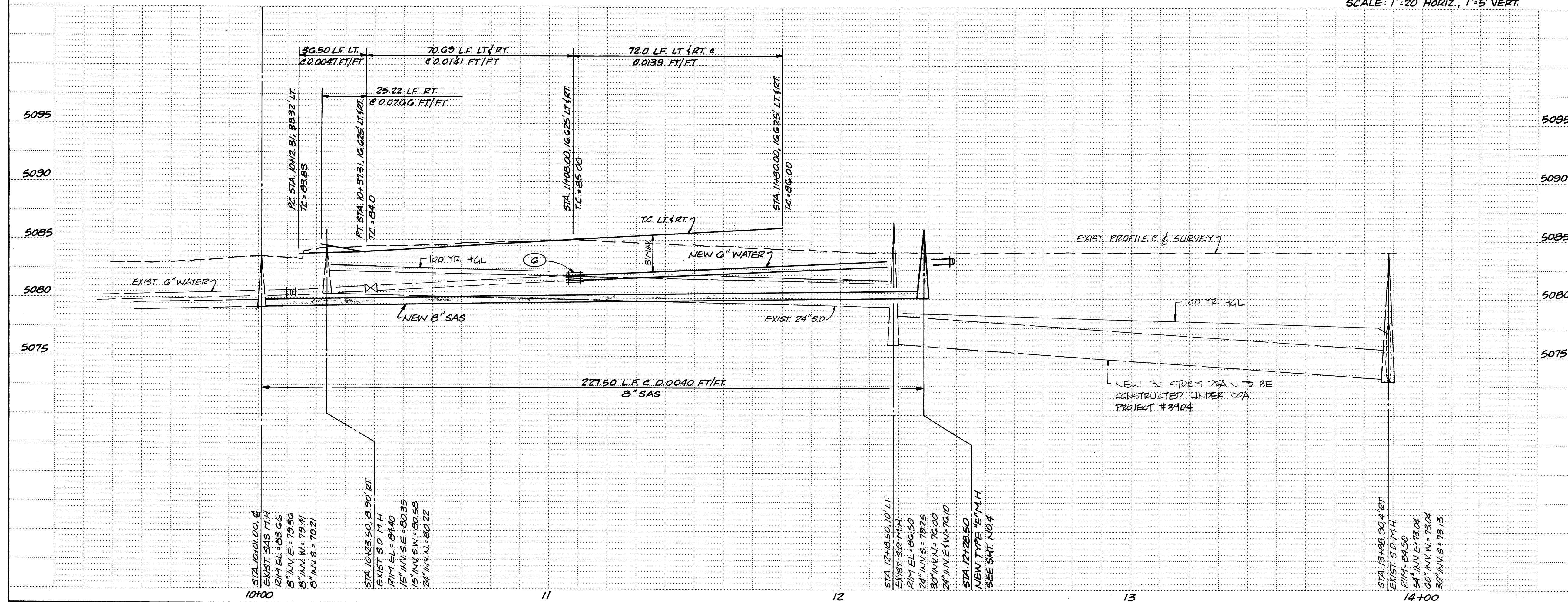
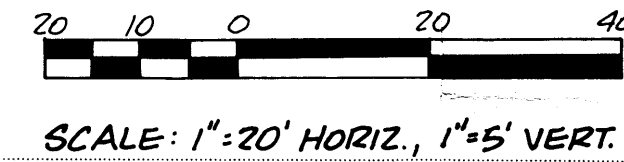
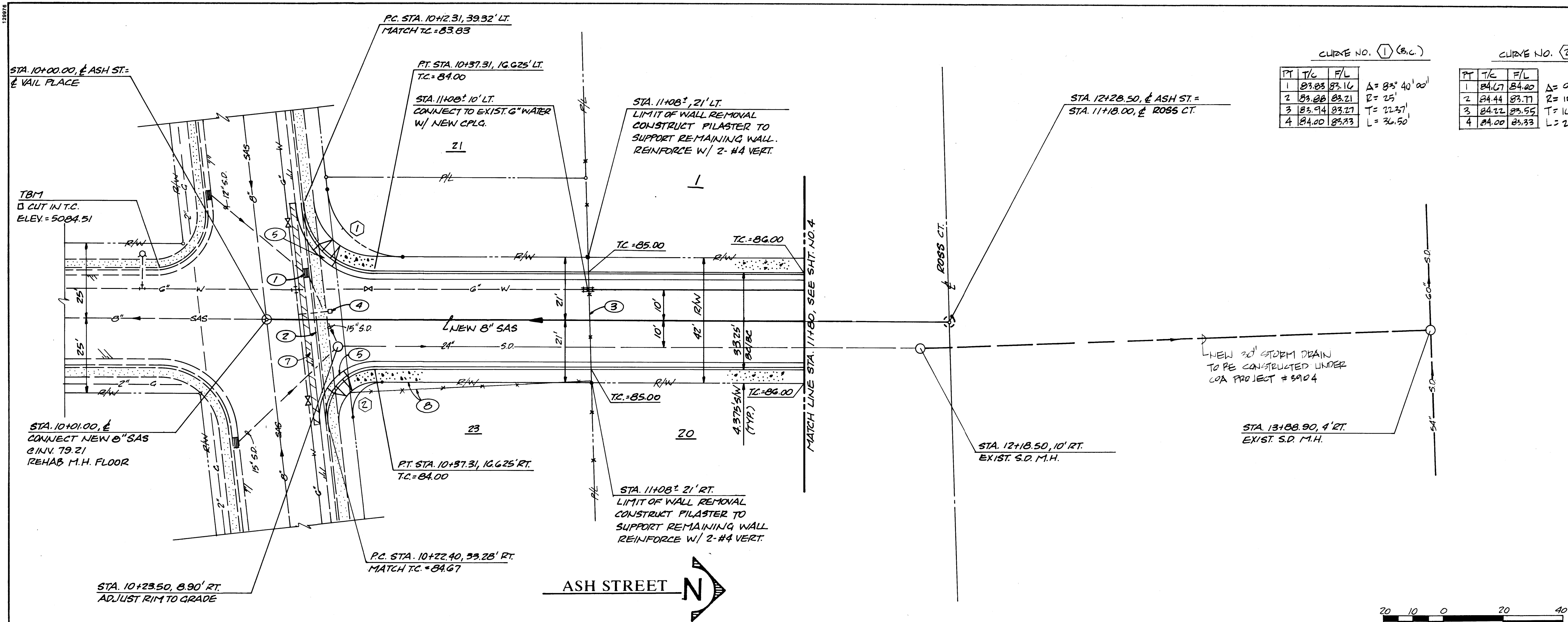
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- 2 CONSTRUCT 12' DRIVEPAD, COA DWG.
 2425.
- 3 CONSTRUCT KEYSTONE RETAINING
 WALL. SEE A/6.
- 4 INSTALL ¾-INCH SINGLE METER AND
 METER BOX, COA DWG. 2361.
- 5 INSTALL 4-INCH SAS SERVICE LINE, COA
 DWG. 2125.

Professional Engineer Seal for J. Conly, No. 12345, State of New York, Registered Professional Engineer.

S-SEC Smith-Scheuch
Engineering Company
Albuquerque, New Mexico

ROSS COURT PLAN & PROFILE

PROJECT NO.	4163	MAP NO.	L-15	SHEET	5	OF	6
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KEYED NOTES

- 1 REMOVE EXIST. TYPE "C" C.B. AND CONSTRUCT TYPE DOUBLE "D" C.B. MATCH EXIST. INV. IN AND OUT T.G. = 83.00 COA DWG. 2206.
- 2 REMOVE APPROX. 75 L.F. EXIST. SIDEWALK AND C&G.
- 3 REMOVE APPROX. 42 L.F. EXIST. BLOCK WALL AND CONC. FOUNDATION.
- 4 REMOVE EXIST. WATER METER AND SERVICE LINE TO CORP STOP. RETURN TO CITY.
- 5 CONSTRUCT WHEELCHAIR RAMP COA DWG. 2441.
- 6 CONNECT TO EXIST. WATERLINE WITH NEW COUPLING.
- 7 REMOVE & DISPOSE OF EXIST. ASPH. PVM.
- 8 REMOVE & RE-INSTALL EXIST. CHAIN-LINK ON NEW P/W

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	BM-1, 2 CUT IN T.C. AT SE CORNER OF VAIL PLACE & ASH ST. ELEV. 5084.51	NO.	BY	FIELD NOTES	NO.	BY
WORK BY	DATE						
INSPECTORS	DATE						
ACCEPTANCE BY	DATE						
VERIFICATION BY	DATE						
DRAWINGS	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION	DATE						
RECORDED BY	DATE						
NO.							

PROJECT NO. 90-08-02

DESIGNED BY RA 1/22 DATE 4/91

DRAWN BY RA DATE 4/91

CHECKED BY RL DATE 4/91

S-SEC Smith-Scheuch Engineering Company
Albuquerque, New Mexico

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: LOMAS DEL CIELO SUBDIVISION - UNIT 2 HYDROLOGY DIVISION

ASH STREET PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN			WATER		
TRANSPORTATION			WASTEWATER		
HYDROLOGY					

PROJECT NO.	MAP NO.	SHEET	OF
4163	L-15	3	6

