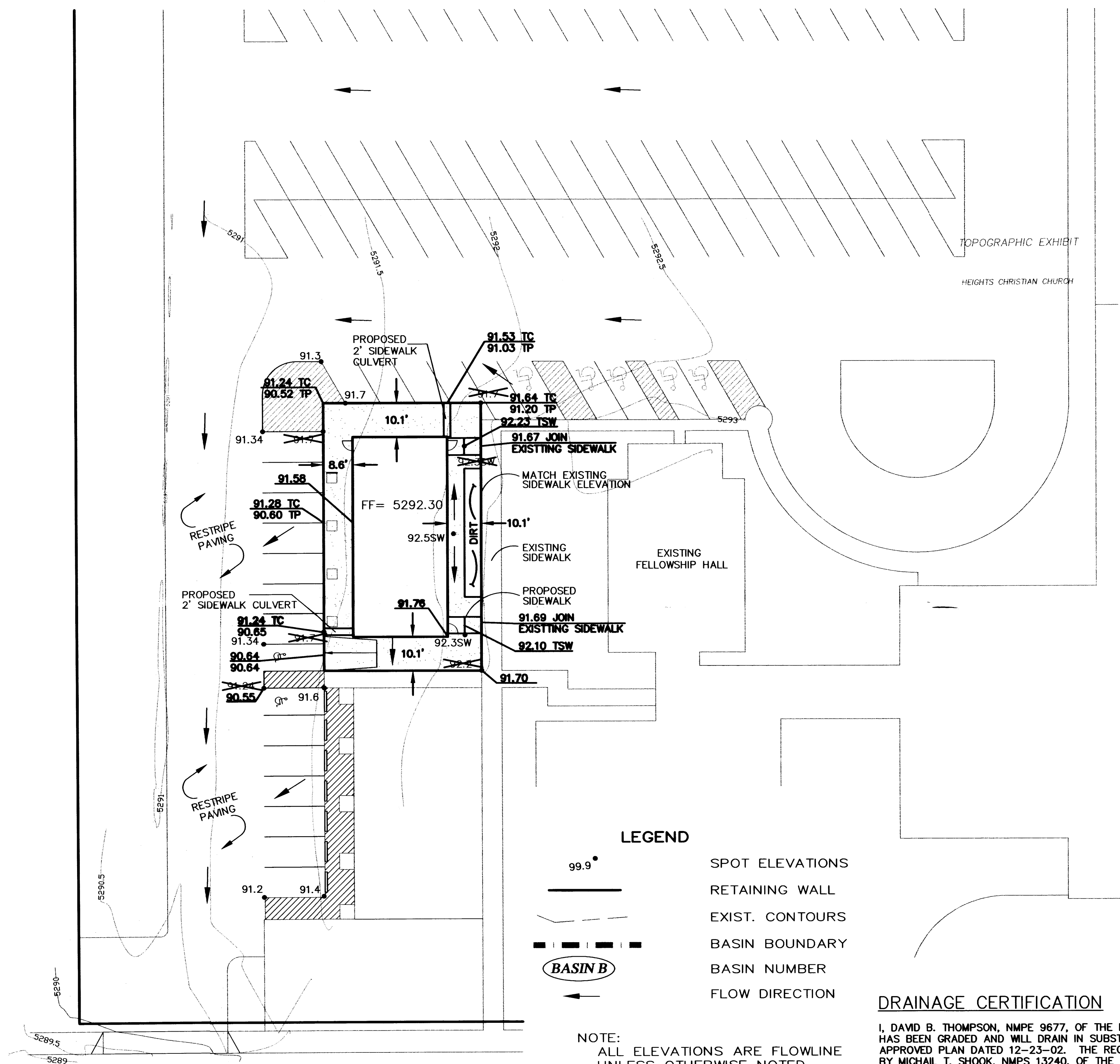




ARCHITECTURE



COMANCHE ROAD NE

100-YEAR HYDROLOGIC CALCULATIONS

BASIN ID	AREA (ac.)	LAND TREATMENT				V (24-hr ac.-ft.	Q (cfs)
		A	B	C	D		
EXISTING CONDITIONS							
PROPOSED	0.158				0.158	0.036	0.79
EXISTING	0.158				0.158	0.158	0.79

DRAINAGE PLAN:

LEGAL DESCRIPTION: LOT A, BLOCK 38, HEIGHTS CHRISTIAN CHURCH PROPERTY

SITE AREA: 0.16 ACRES (AREA TO BE DEVELOPED)

BENCHMARK: ACS STATION "16-C18"
ELEVATION = 5299.66
(TOPOGRAPHIC SURVEY PERFORMED BY A & M SURVEYING)

FLOOD HAZARD STATEMENT: F.E.M.A. FLOODWAY BOUNDARY AND FLOODWAY MAP DATED SEPTEMBER 20, 1996 (PANEL NO. 35001C0352D) INDICATES A FLOOD HAZARD ZONE X WHICH IS AN AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.

EXISTING DRAINAGE CONDITIONS:

THIS PROJECT WILL ADD A NEW DAYCARE CENTER BUILDING TO THE HEIGHTS CHRISTIAN CHURCH SITE. THE AREA WHERE THE NEW BUILDING WILL BE CONSTRUCTED IS CURRENTLY A PAVED PARKING AREA, THEREFORE THERE WILL BE NO INCREASE IN RUNOFF. THE HEIGHTS CHRISTIAN CHURCH SITE DRAINS FROM NORTHEAST TO SOUTHWEST.

THE DRAINAGE ANALYSIS FOR THIS SITE IS IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL SECTION 22.2, HYDROLOGY. THE PROPERTY IS LOCATED IN ZONE 3. THE 100-YEAR, 6-HOUR STORM IS 2.60 INCHES. UNDER EXISTING CONDITIONS THE SITE IS CONSIDERED TO BE LAND TREATMENT C BECAUSE OF ITS SLOPE. THE PEAK RUNOFF DURING A 100-YEAR, 6-HOUR STORM UNDER EXISTING CONDITIONS IS 0.79 CFS.

DEVELOPED DRAINAGE CONDITIONS:

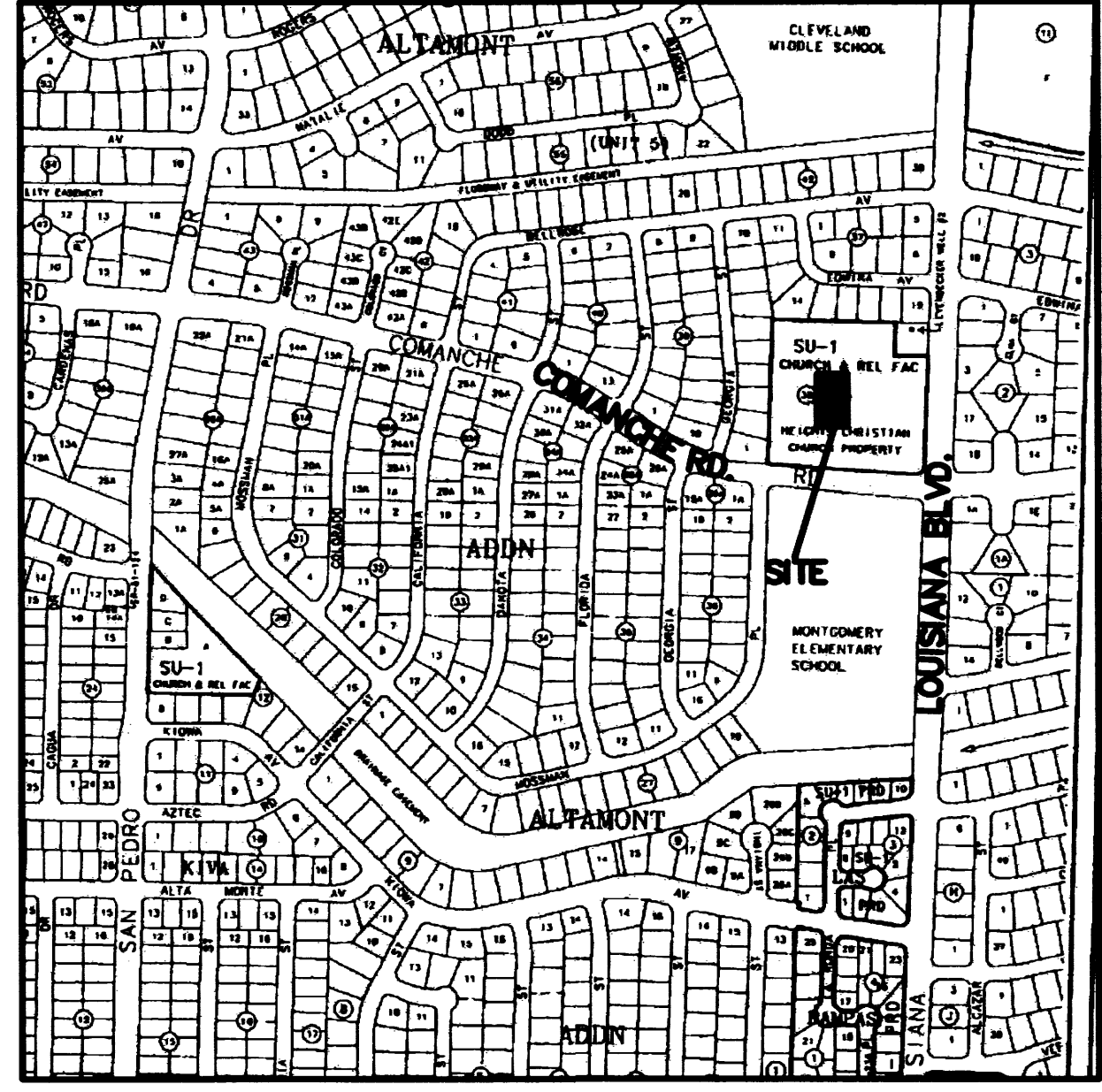
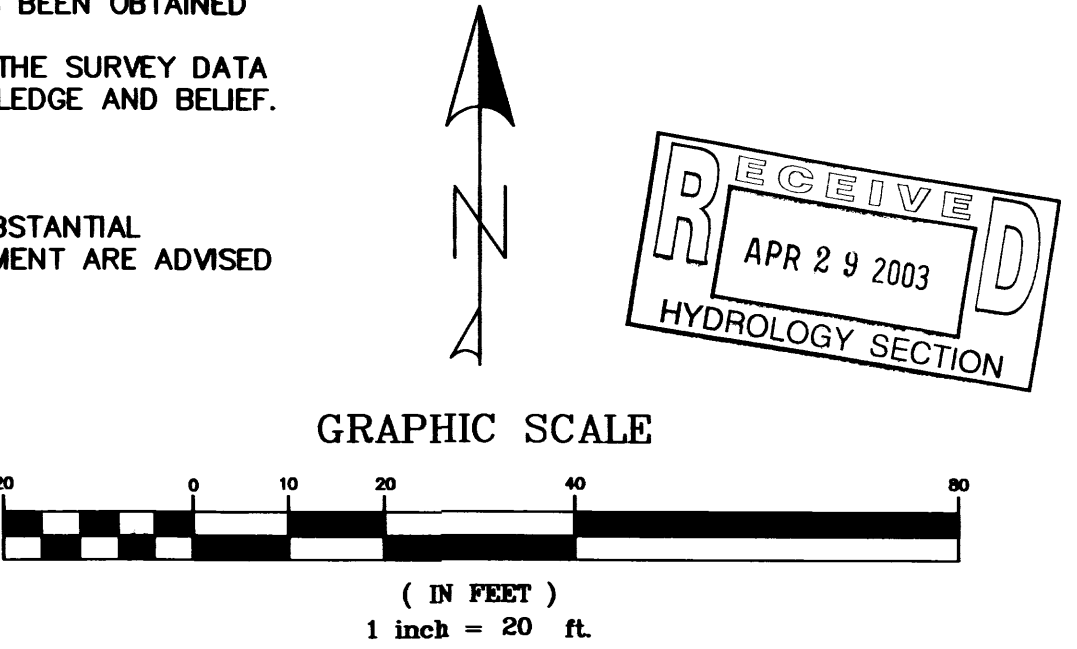
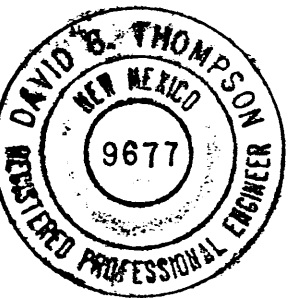
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DRAINAGE CERTIFICATION

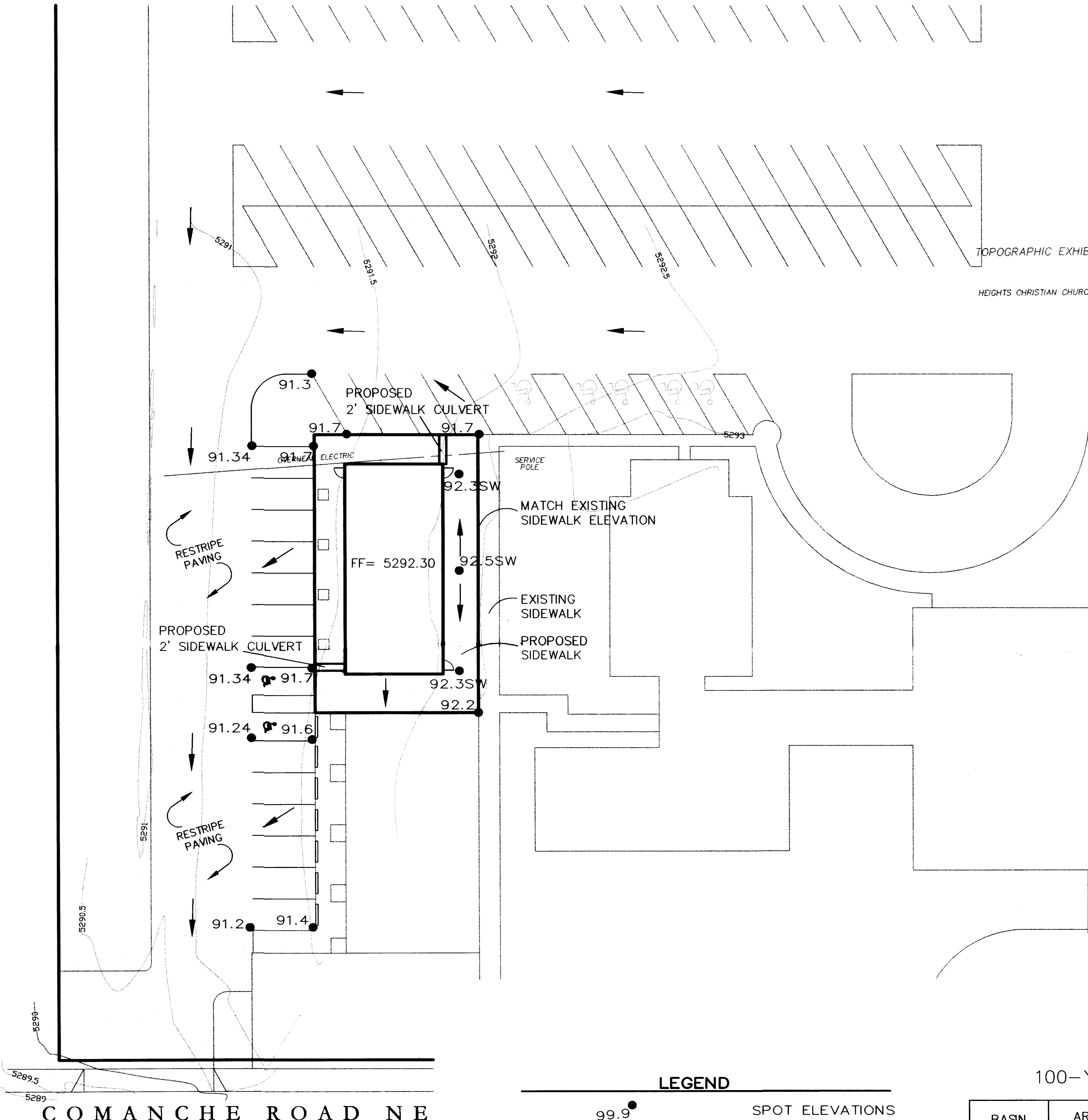
I, DAVID B. THOMPSON, NMPE 9677, OF THE FIRM THOMPSON ENGINEERING CONSULTANTS, INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 12-23-02. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY MICHAEL T. SHOOK, NMPS 13240, OF THE FIRM AM SURVEYING COMPANY. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 04-28-03 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.

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
DATE 4-28-03



THOMPSON ENGINEERING CONSULTANTS CIVIL ENGINEERING SERVICES PHONE-(505)896-7996 FAX-(505)896-6112			
NO.	REVISION	BY	DATE
PROJECT: DRAWN BY: BLN			
DATE: CHECKED BY:			
HORIZ. SCALE: APPROVED BY:			
VERT. SCALE: FILE:			
HEIGHTS CHRISTIAN CHURCH		GRADING & DRAINAGE	
CITY/COUNTY REVIEW		FOR CITY/COUNTY USE ONLY	
DEPARTMENT	SIGN-OFF	DATE	
WASTEWATER MGMT. DIV.			
WATER SERVICES			
SUBDIVISION ENG.			
STREETS			
TRAFFIC			
SHEET No. 1 of 1			



NOTE:
ALL ELEVATIONS ARE FLOWLINE
UNLESS OTHERWISE NOTED.

DRAINAGE PLAN:

LEGAL DESCRIPTION: LOT A, BLOCK 38, HEIGHTS CHRISTIAN CHURCH PROPERTY

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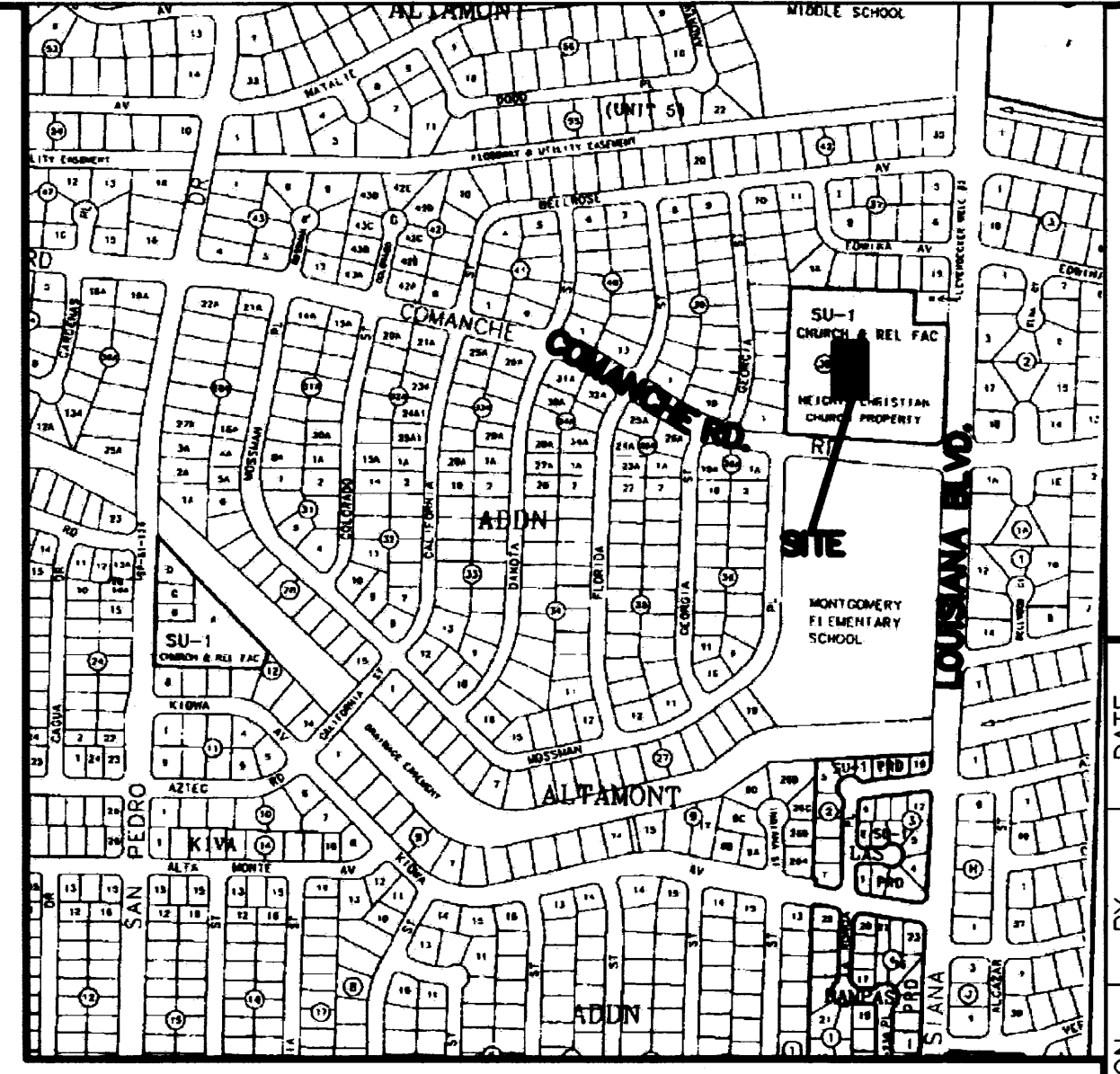
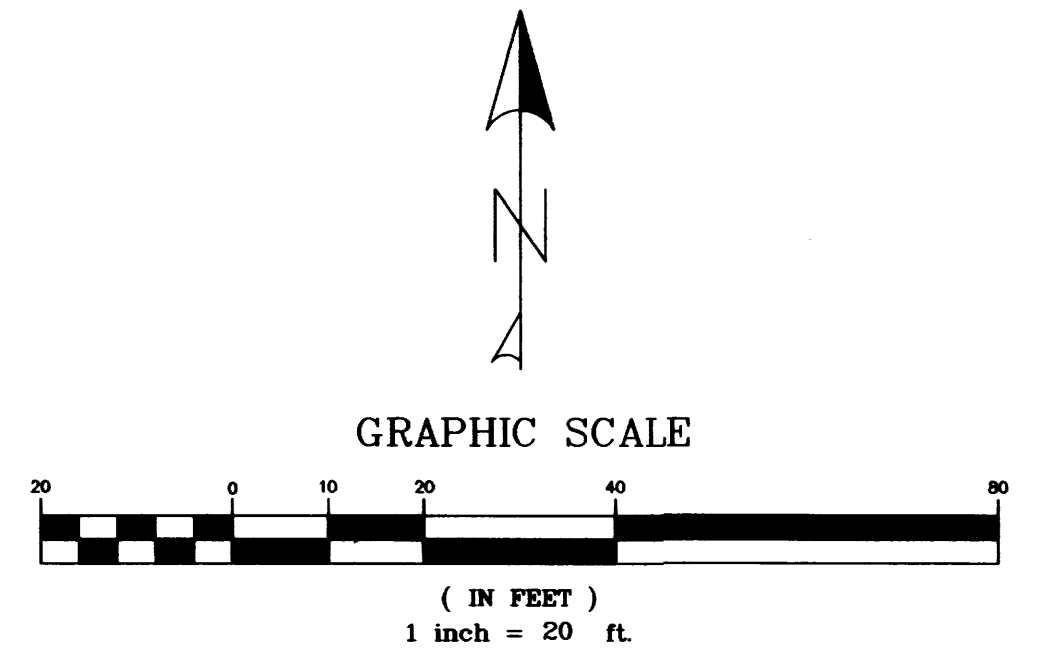
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100-YEAR HYDROLOGIC CALCULATIONS

BASIN ID	AREA (ac.)	LAND TREATMENT				V (24-hr) ac.-ft.	Q (cfs)
		A	B	C	D		
EXISTING CONDITIONS							
PROPOSED	0.158				0.158	0.036	0.79
EXISTING	0.158				0.158	0.158	0.79



VICINITY MAP
G-18-Z

NO.	REVISION	BY	DATE
PROJECT:	DRAWN BY: BLN		
DATE:	CHECKED BY:		
HORIZ. SCALE:	APPROVED BY:		
VERT. SCALE:	FILE:		



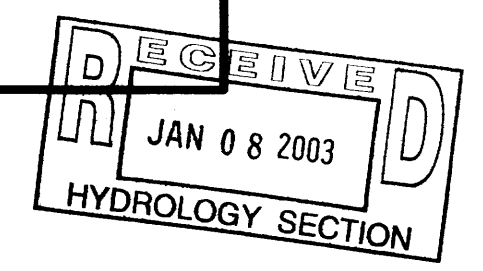
HEIGHTS CHRISTIAN CHURCH

GRADING & DRAINAGE

CITY/COUNTY REVIEW		SIGN-OFF	DATE
DEPARTMENT	WASTEWATER MGMT. DIV.		
WATER SERVICES			
SUBDIVISION ENG.			
STREETS			
TRAFFIC			

SHEET No.

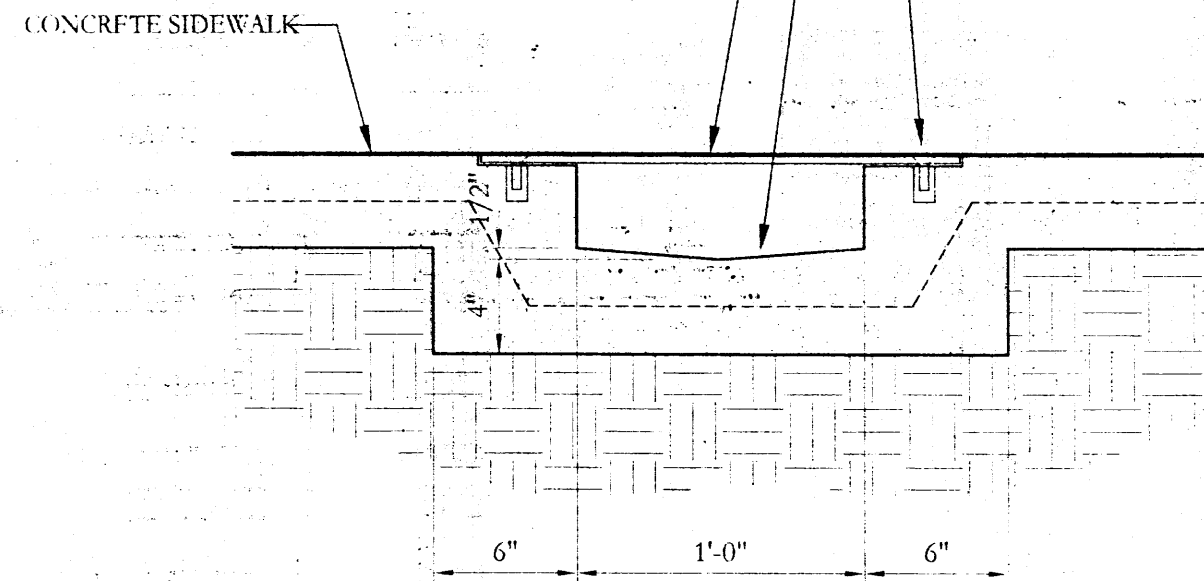
1 of 1



3/8" x 16 x 1-1/4" COUNTERSUNK FLAT HEAD S.S. MACHINE SCREW IN RED-HEAD MULTI-SET IT S.R.M.-38 ANCHOR, 24" O.C. MINIMUM, 6" MAXIMUM FROM EACH END

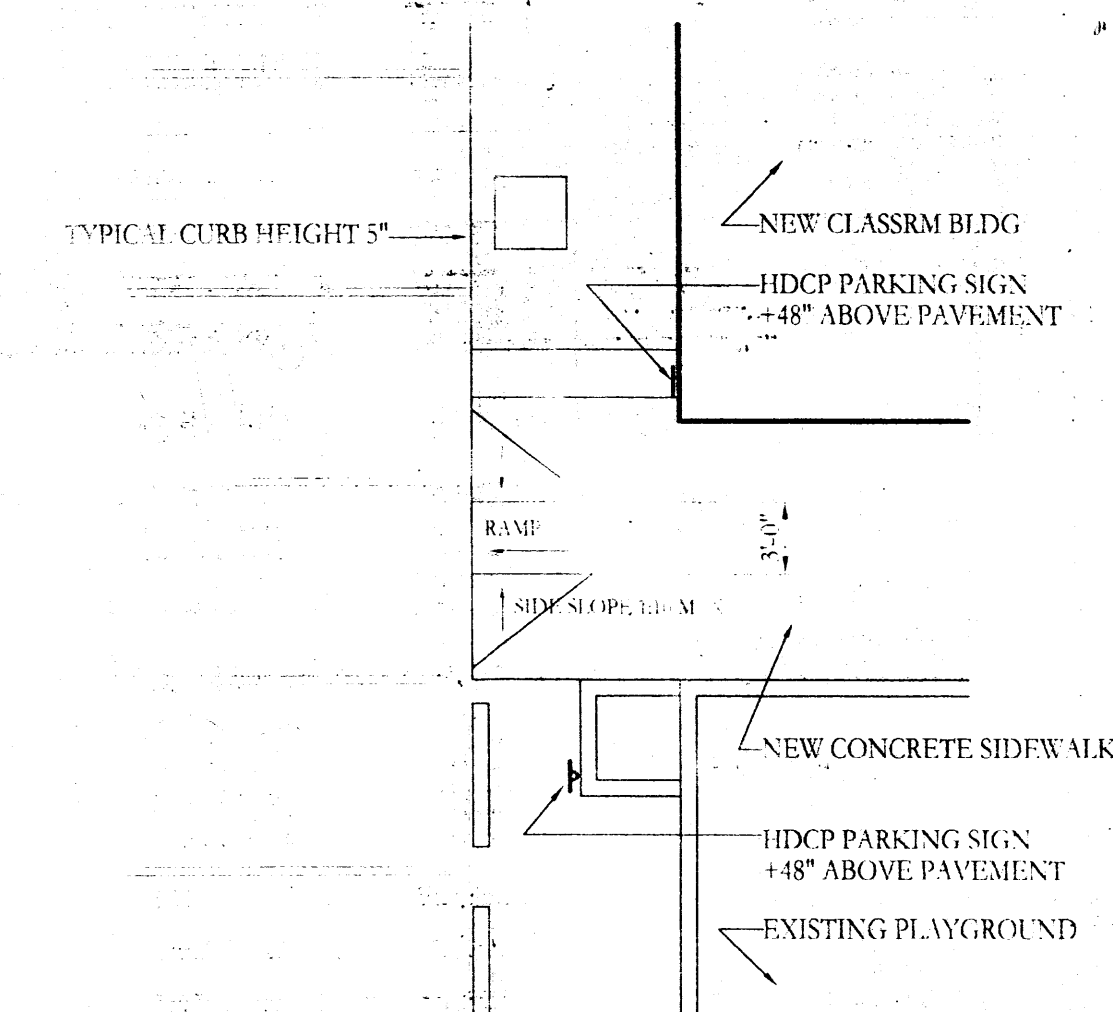
SLOPE BOTTOM OF CULVERT DOWN 1/4" PER FT TO A POINT 1/2" ABOVE FLOWLINE AT FACE OF CURB

3/8" CHICKERED STEEL PLATE, 3/8" PRIMED AND PAINTED WITH 2 FINISH COATS ASHTO M69 ALUMINUM PAINT, FLUSH WITH SURFACE OF SIDEWALK



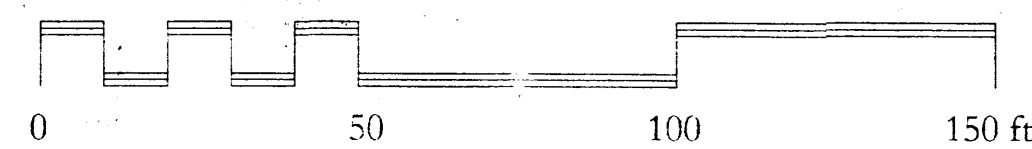
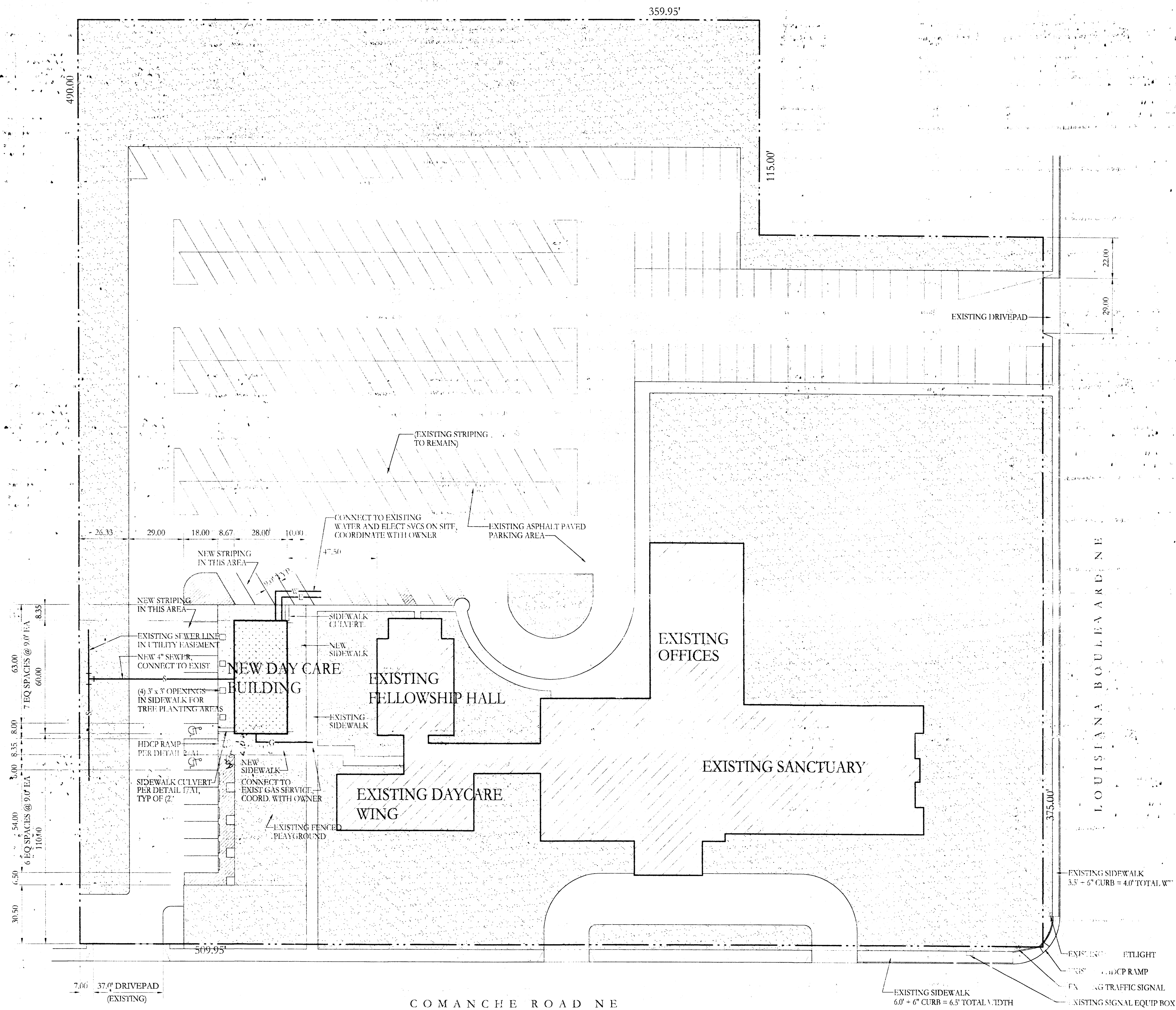
1 SIDEWALK CULVERT

A1 1-1/2" = 1'-0"



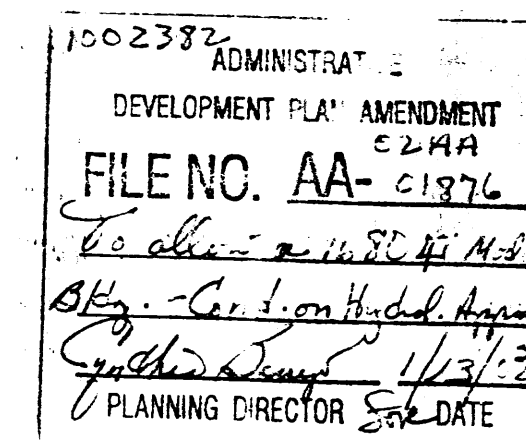
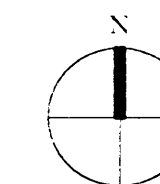
2 HDCP RAMP

A1 1/8" = 1'-0"



SITE PLAN

1" = 30'-0"



INDEX TO DRAWINGS

- A1 SITE PLAN AND DETAILS, PROJECT DATA
- E1 GRADING AND DRAINAGE PLAN
- A2 FLOOR PLAN, CEILING/LIGHTING PLAN, INTERIOR ELEVATIONS, NOTES
- A3 EXTERIOR ELEVATIONS, WALL SECTIONS, DOOR SCHEDULE
- S1 STRUCTURAL DRAWINGS AND NOTES
- M1 MECHANICAL AND PLUMBING PLANS

PROJECT DATA

PROJECT DESCRIPTION

NEW DAYCARE CLASSROOM BUILDING FOR EXISTING CHURCH; DETACHED MANUFACTURED BUILDING ON REINFORCED CONCRETE FOOTINGS, INCLUDING CONSTRUCTION OF INTERIOR PARTITIONS, FIXTURES AND FINISHES. THIS PROJECT INCLUDES MINOR SITE IMPROVEMENTS AS NECESSARY TO ACCOMMODATE NEW BUILDING.

PROJECT ADDRESS

HEIGHTS CHRISTIAN CHURCH
6935 COMANCHE RD NE
ALBUQUERQUE, NEW MEXICO

LEGAL DESCRIPTION

BLOCK 38, ALAMONT ADDITION, CITY OF ALBUQUERQUE, BERNALILLO COUNTY, STATE OF NEW MEXICO

ZONING CLASSIFICATION

SU-1 FOR CHURCH/REL.FAC.

CONSTRUCTION TYPE

V-N (type V, non-rated)

OCCUPANCY CLASSIFICATION (UBC)

E-3

FLOOR AREA

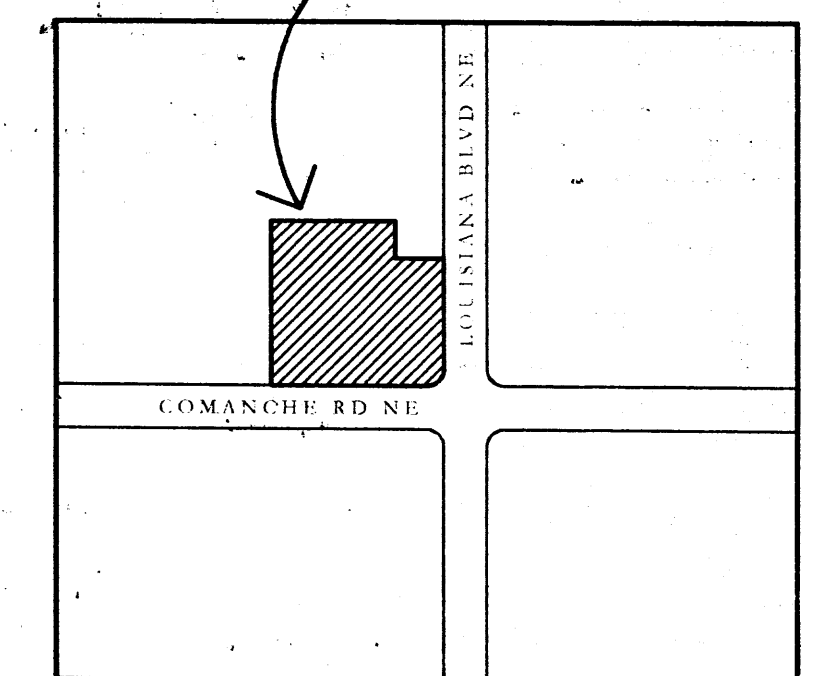
1680 sq. TOTAL ADDED BUILDING AREA

PARKING ANALYSIS

SANCTUARY SEATING @ 30' OF PEW = 456 SEATS
PARKING AT ONE SPACE PER 4 SANCTUARY SEATS = 114 SPACES
PARKING FOR DAYCARE OCCUPANCY (TOTAL 16223 sq ft)
2 SPACES + 1 SPACE PER 500 SF = 23 SPACES REQUIRED
TOTAL PARKING REQUIREMENT = 137 SPACES
PARKING PROVIDED ON SITE = 218 SPACES (incl 7 hdep spaces)

PROJECT LOCATION

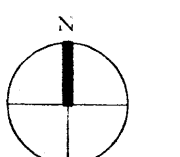
6935 COMANCHE RD NE



VICINITY MAP

(NOT TO SCALE)

ZONE ATLAS PAGE G-18

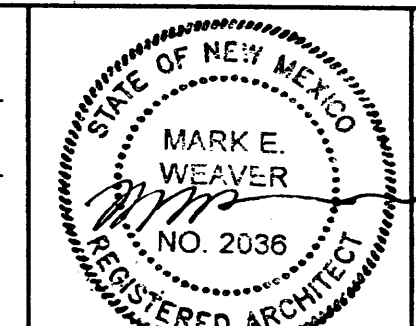


THE ARCHITECT AND HIS CONSULTANT'S RETAIN OWNERSHIP OF THESE DRAWINGS AND THE DESIGNS DOCUMENTED HEREIN. THE CLIENT IS GRANTED A NON-EXCLUSIVE LICENSE TO USE THESE DOCUMENTS FOR THE PURPOSE OF CONSTRUCTING, USING, AND MAINTAINING THE PROJECT. COPYING OR USING THESE DRAWINGS WITHOUT THE PERMISSION OF THE ARCHITECT IS AN INFRINGEMENT OF COPYRIGHT.

DAYCARE CLASSROOM BUILDING
HEIGHTS CHRISTIAN CHURCH
ALBUQUERQUE, NEW MEXICO

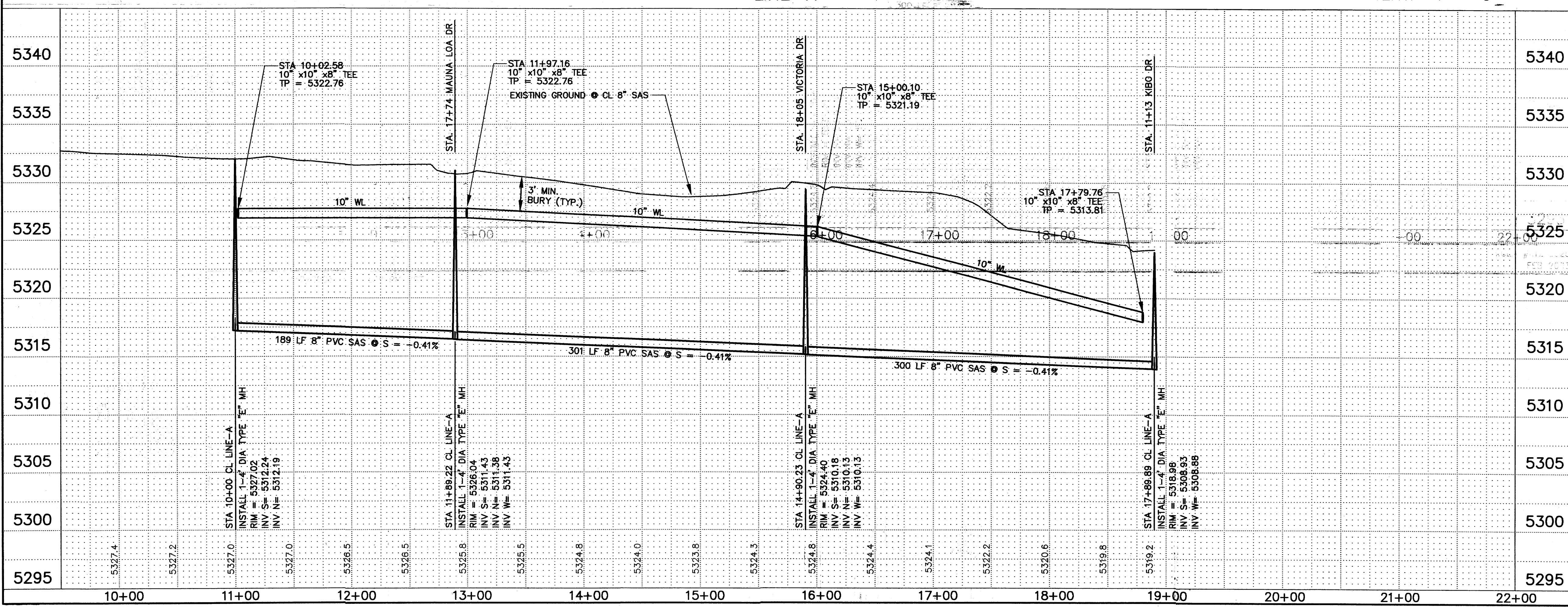
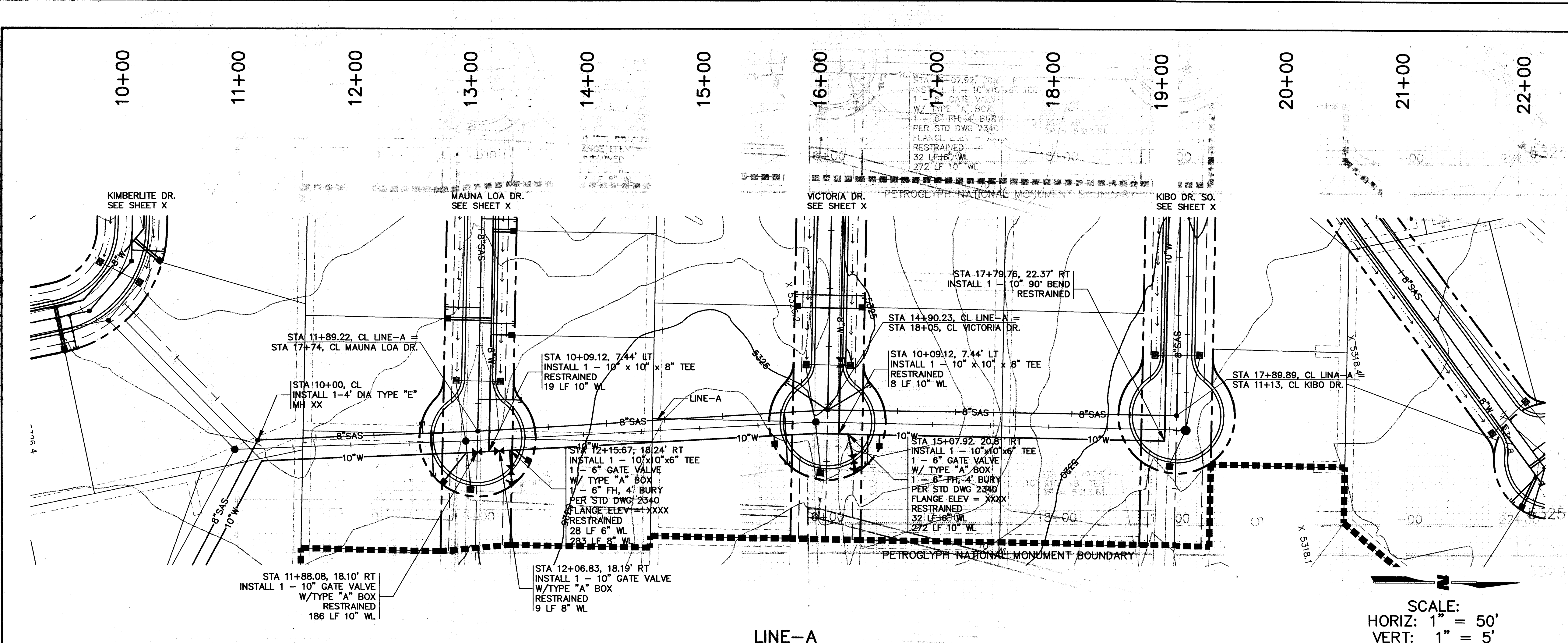
1245 PROJECTIONS DR. NE
ALBUQUERQUE, NM 87110
1-505-241-5000

DATE
23 DEC 2002
REVISIONS



SHEET NUMBER
A1
NO. 1 OF 6





AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS BRASS CAP, STAMPED "3-E10 1969"	SET IN TOP OF CONCRETE POST PROJECTING 0.50 FT. ABOVE GROUND. LOCATED APPROX. 45' NE. OF THE INTERSECTION OF RIM ROCK DR. NW AND MARIGOLD DR. NW (NAD 1927), X 358813.84, Y 1512565.54	NO.	DATE		
WORKED BY	DATE			BY	DATE		
ACCEPTED BY	DATE			REMARKS	DATE		
VERIFIED BY	DATE			REVISIONS	DATE		
DESIGNED BY	DATE			WILSON & COMPANY, ENGINEERS & ARCHITECTS	DATE		
DRAWN BY	DATE			DESIGNED BY	DATE		
CHECKED BY	DATE			DRAWN BY	DATE		
NO.	DATE			CHECKED BY	DATE		
ELEVATION = 5316.12 FT. (SLD 1929)							

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SPECIAL ASSESSMENT DISTRICT 227
UTILITY EASEMENT PLAN & PROFILE
LINE - A

Design Review Committee

City Engineer Approval

Mo./Day/Yr.

Mo./Day/Yr.

City Project No. XXXX.XX

Zone Map No. D-10, E-10

Sheet 77

Of XX