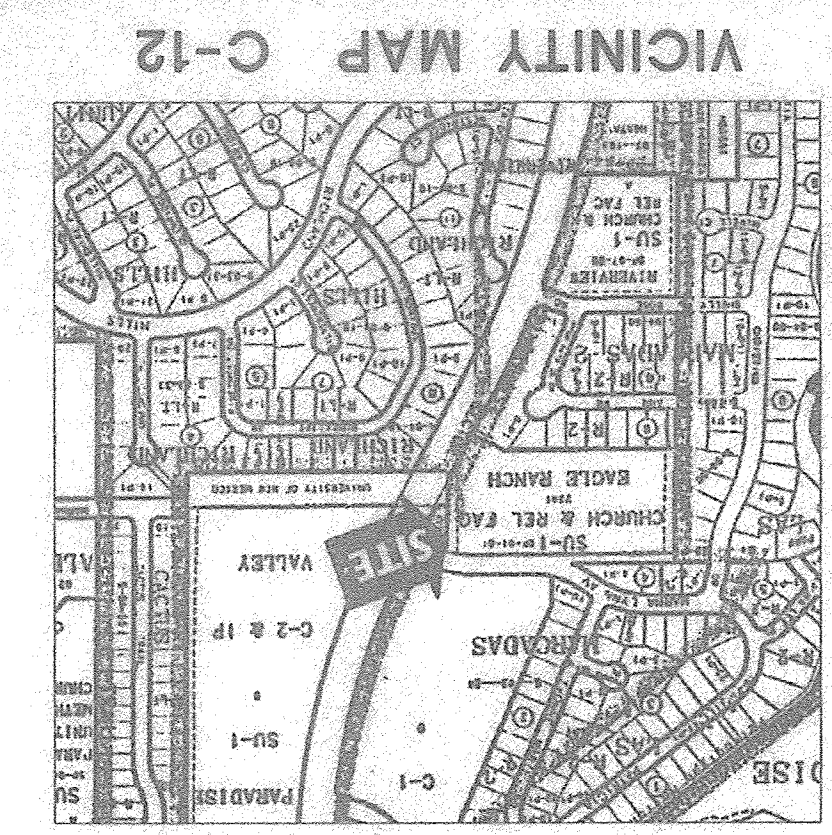
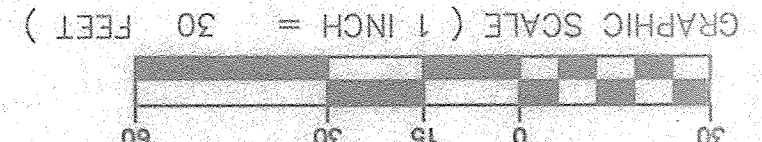


SURVEY
FIELD SURVEY BY:
HARRIS SURVEYING, INC.
2412-D MONROE STREET NE
ALBUQUERQUE, NM 87110
SURVEY DATE: OCT. 12, 1999
PHONE: (505) 889-8086
FAX: (505) 889-8645

CONTOUR INTERVALS ARE ONE (1) FOOT.
ELEVATIONS SHOWN HEREON ARE BASED ON THE EXISTING FINISHED FLOOR OF THE CHURCH HAYMAN AN ELEVATION OF 128.5 ABOVE MEAN SEA LEVEL.
LOCATION OF ALL UTILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION SUPPLIED TO THE SURVEYOR BY THE APPROPRIATE UTILITY COMPANIES. SURVEYOR DOES NOT GUARANTEE THESE LOCATIONS NOR THE FACT THAT SOME UTILITIES MIGHT BE LEFT OUT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION.
THIS IS NOT A BOUNDARY SURVEY AND SHOULD NOT BE USED BY THE OWNER AS SUCH.

LEGAL DESCRIPTION
TRACT 22A-1, EAGLE RANCH
DATE SEPT. 20, 1998
THE PROPERTY SHOWN HEREON LIES WITHIN ZONE X PER THE FLOOD INSURANCE RATE MAP OF THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, COMMUNITY-PAYEE NO. 350010010 BY EFFECTIVE
X=369,484.87, Y=1,524,394.87, Z= 5277.263
1986", SET FLUSH WITH THE LAVA ROCK.
THE STATION IS A 3 1/4" ALUMINUM CAP AND IS STAMPED "ACS 3-B12."
ACS BENCHMARK



APPROVALS	ENGINEERS DATE
A.C.E./DESIGN	
INSPECTOR	
A.C.E./FIELD	

PROJECT
9824
C101
SHEET 1
GRADING AND DRAINAGE PLAN
ISSUE DATE: 22 May 00
REVISIONS:

West Mesa Christian Church
Education and Kitchen Addition
8821 Golf Course Rd. NW
Albuquerque, New Mexico

1620
Central Ave SE
Albuquerque, NM 87106
(505) 247-1430
(505) 243-6101 FAX
larry@larryread.com
LARRY READ & ASSOCIATES
CONSULTANT

HYDROLOGY SECTION
FEB 08 2001
LARRY READ & ASSOCIATES
CONSULTANT

HYDROLOGY SECTION
FEB 08 2001

HYDROLOGY SECTION
FEB 08 2001

NOTICE TO CONTRACTOR
THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
1. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
2. BACKFILL COMP ACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
3. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
4. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURN SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
5. IF CURB IS DEEPER FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
6. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED, INSPECTED AND APPROVED PRIOR TO FINAL ACCEPTANCE.

NOTICE TO CONTRACTOR
1. ANY EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. RIGHT-OF-WAY SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH C.O.A. STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1988.
3. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 280-1990, 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 OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMP ACTION SHALL BE ACCORDING TO ARTERIAL STREET USE. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER SERVED.

NOTICE TO CONTRACTOR
1. PRIOR TO START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE STATEWIDE SERVICE FOR LOCATION OF EXISTING UTILITIES. THIS SERVICE REQUIRES AT LEAST TWO WORKING DAYS.
2. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES, SHOWN OR NOT SHOWN ON THESE PLANS. ANY DAMAGE TO UTILITIES BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. ALL EXISTING AND PROPOSED WATER VALVES AND MANHOLES WITHIN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE. IF WITHIN A PAVED AREA, ADJUSTMENT SHALL BE MADE BEFORE PAVEMENT IS INSTALLED.
4. WHEN REMOVAL OF EXISTING ASPHALT PAVEMENT IS CALLED OUT, REMOVE USING A CLEAN SOUND ASPHALT SAW CUT EDGE.
5. LARRY READ & ASSOCIATES

PROJECT
9824
C101
SHEET 1
GRADING AND DRAINAGE PLAN
ISSUE DATE: 22 May 00
REVISIONS:

HYDROLOGY SECTION
FEB 08 2001

New Alignment

MARNA LYNN (CONSTRUCTED)
FUTURE MUNIZIO ROAD (UNDER CONSTRUCTION)

$Q(\text{off-site}) = 0.3 \text{ cfs}$

DRAINAGE SWALE FOR
ROOF DRAINAGE
ON-SITE D.A. 1
2' CURB OPENING

ON-SITE D.A. 2

AREA OUTSIDE OF DRAINAGE
SWALE IS TO REMAIN IN A
NATURAL CONDITION.

EXISTING 30' TEMPORARY
DRAINAGE EASEMENT

PROPOSED CHURCH
F.F. = 5162.50 - M.S.L.
62.48

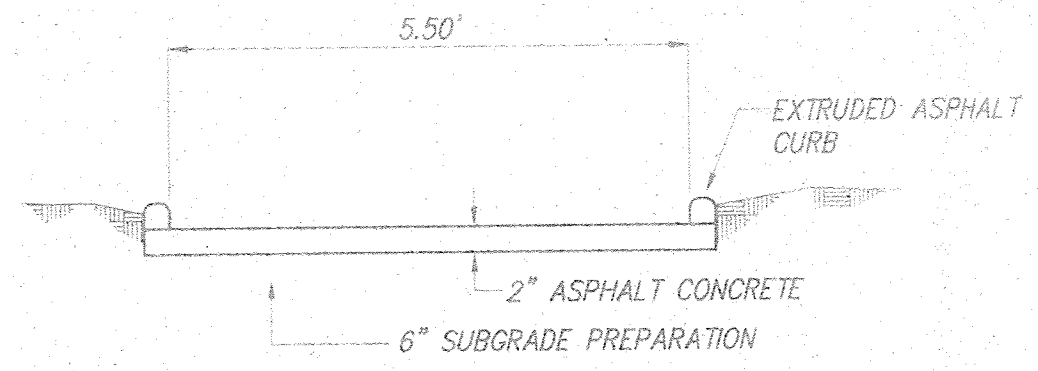
CITY OF ALBUQUERQUE
TYPE "D" INLET
CRATE = 60.00
INV. = 57.00

36' COMMON ACCESS UTILITY
& DRAINAGE EASEMENT

BUILD NEW 6' VALLEY GUTTER
PER CITY STD. DWG. NO. 2420

EXISTING GOLF COURSE ROAD
PROJECT NO. 3875.90

PROPOSED PIEDRAS
MARCADAS STORM DRAIN



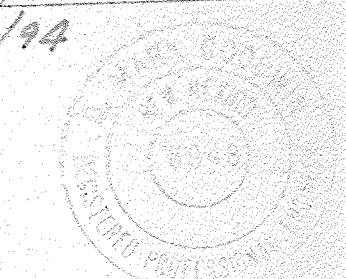
NOTE: AT TIME OF SD CONNECTION IN GOLF COURSE
RUNDOWN ENTRANCE SHALL BE BLOCKED WITH
6" ASPHALT CURB.

ASPHALT RUNDOWN DETAIL

RECORD DRAWING

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the Contractor, Cambro Construction, and by the Surveyor, Walker Surveying, Inc., and reflects the construction as actually accomplished. This plan as constructed is in substantial compliance with the Approved Plan.

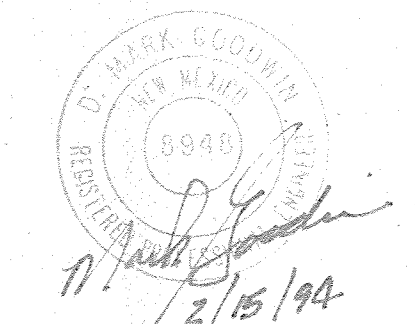
Mark Goodwin 10/17/94
Mark Goodwin, NMPE 8948



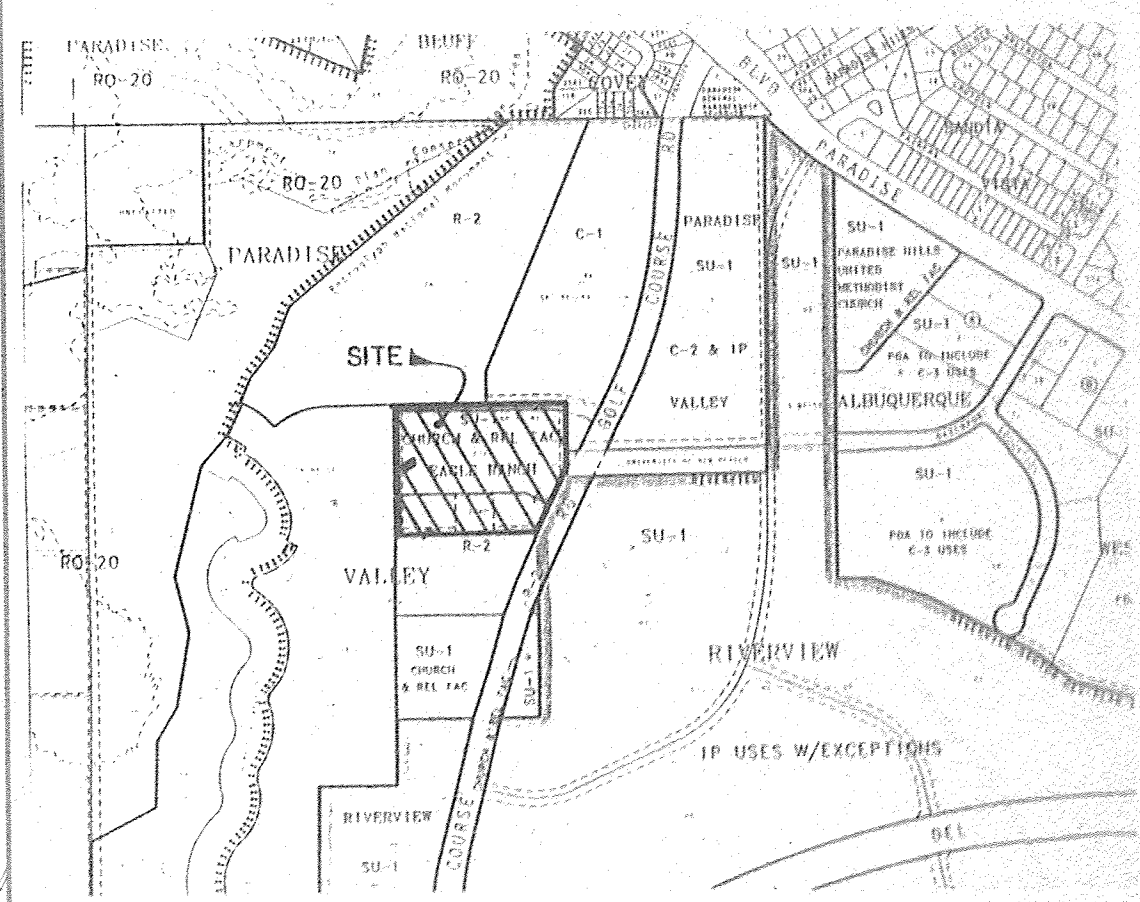
EXISTING
ASPHALT PAVING
EXISTING
STD. CURB
AND GUTTER

EXISTING TYPE "A"
AND DOUBLE "C" INLETS

RIM = 55.2
INVERT = 46.2



SCALE: 1"=30'



VICINITY MAP ZONE MAP: C-12

TBM (TEMPORARY BENCHMARK)
REBAR & CAP AT N.W. CORNER
ELEVATION = 5172.95
ACS BENCHMARK
THE STATION IS A 3 1/4" ALUMINUM CAP AND IS STAMPED "ACS
3-B12, 1986", SET FLUSH WITH THE LAVA ROCK.
X=369,484.87, Y=1,524,345.87, Z=5277.263

LEGAL DESCRIPTION
TRACT 22A-1, EAGLE RANCH

- GENERAL NOTES
1. SITE DOES NOT LIE IN A 100 YEAR FLOOD ZONE.
 2. TOPOGRAPHIC SURVEY PERFORMED 9/91 BY M.G.A.
 3. CONTOUR INTERVAL=1'. ALL ELEVATIONS ARE MEAN SEA LEVEL(M.S.L.)
 4. CONTRACTOR WILL BE REQUIRED TO CONSTRUCT 2' HIGH BERM ALONG SOUTH AND EAST BOUNDARY TO PREVENT DOWNSTREAM EROSION AND SEDIMENTATION.
 5. UPON COMPLETION OF MUNIZ RD. CURRENTLY BEING BUILT, THERE WILL BE NO OFF-SITE FLOWS FROM THE NORTH AND NORTHWEST.
- Marna Lynn*

LEGEND	
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	PROPERTY LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SANITARY SEWER MANHOLE
	STORM SEWER MANHOLE
	FINISHED FLOOR
	PROPOSED SPOT ELEVATION
	DRAINAGE BOUNDARY
	DRAINAGE SWALE
	FLOWLINE

WEST MESA CHRISTIAN CHURCH
GRADING & DRAINAGE PLAN

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS & SURVEYORS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200

Designed: **DMG** Drawn: **STAFF** Checked: **DMG** Sheet **C1** of **1**
Scale: 1"=30' Date: 2/94 Job: 93131

OCT 17 1994