PUBLIC WORKS/HYDROLOGY

L11/D13

REMODELING & ADDITION TO GABALDON MORTUARY FACILITIES

1000 COORS BOULEVARD S.W. ALBUQUERQUE, NEW MEXICO 87105

A. MIGUEL TRUJILLO AIA ARCHITECT

ARCHITECTURE LANDSCAPE ARCHITECTURE

PROJECT DATA

EXISTING ZONING _____ C-3

GROUP OCCUPANCY:
EXISTING/NEW GARAGE ADDITION _____ B -
REMODELING - ADMIN. OFFICES _____ B - C

TYPE OF CONSTRUCTION:
EXISTING/NEW GARAGE _____ TYPE V-N
ADMIN. OFFICES _____ TYPE V-N

SEISMIC ZONE - 1988 UBC _____ 0.P.

BASIC WIND SPEED _____ 71 M.P.H.
EXPOSURE METHOD NO. 1
P = Cs Cq Pq I (REF. TABLE 23-H)
= 1.2 x 1.0 x (2.4 x 1) TABLE 23-F
= 29.72 PSF _____ 29.72 PSF

ROOF LOADS: LIVE LOAD _____ 20 PSF
DEAD LOAD _____ 15 PSF

BUILDING AREAS FOR CONSTRUCTION:
NEW CONSTRUCTION - 1-CAR GARAGE _____ 682 SF
REMODELING - ADMIN. OFFICES _____ 022 SF
NEW CONSTRUCTION INTERIOR/EXTERIOR STAIRS _____ 410 SF

LEGAL DESCRIPTION TOTAL AREA 21174 SF

LOTS 24, 25, 26 LAS LOMAS SUBDIVISION
BLOCK NO. 1 BERNALILLO COUNTY, N.M.
ZONE ATLAS NO. L-11

NOTE: EXISTING BLDG. & NEW GARAGE MEETS ALL SETBACK REQ'D.

PARKING REQUIREMENTS RC = REGULAR CAR
SC = SMALL CAR

EXISTING LARGE CHAPEL SEATS 126 ÷ 4/SPACE = 32 SPACES
EXISTING SMALL CHAPEL SEATS 90 ÷ 4/SPACE = 23 "
TOTAL OF OFFICES, LAB, DRESSING AREAS:
10 (412 ÷ 1000 SF = 14 SPACES REQ'D) - _____ 14 SPACES
TOTAL PARKING REQ'D TO-DATE _____ 69 SPACES
REDUCTION DUE TO PUBLIC TRANSPORTATION
AT THE RATE OF 10% OF 69 SPACES = _____ - 7 SPACE
NET NO. OF PARKING REQUIRED _____ 62 SPACE
NO. OF SPACES AVAILABLE _____ 75 TOTAL

LANDSCAPING REQUIREMENTS

EXISTING PAVED PARKING AREAS _____ ± 26,928 SF
EXISTING LANDSCAPED AREAS _____ ± 3,175 SF

NOTE: NEW REQUIREMENTS ARE TO PLANT STREET TREES; 8 NEW STREET TREES ARE SCHEDULED TO BE PLANTED AS SHOWN IN SITE PLAN & NOTED BELOW.

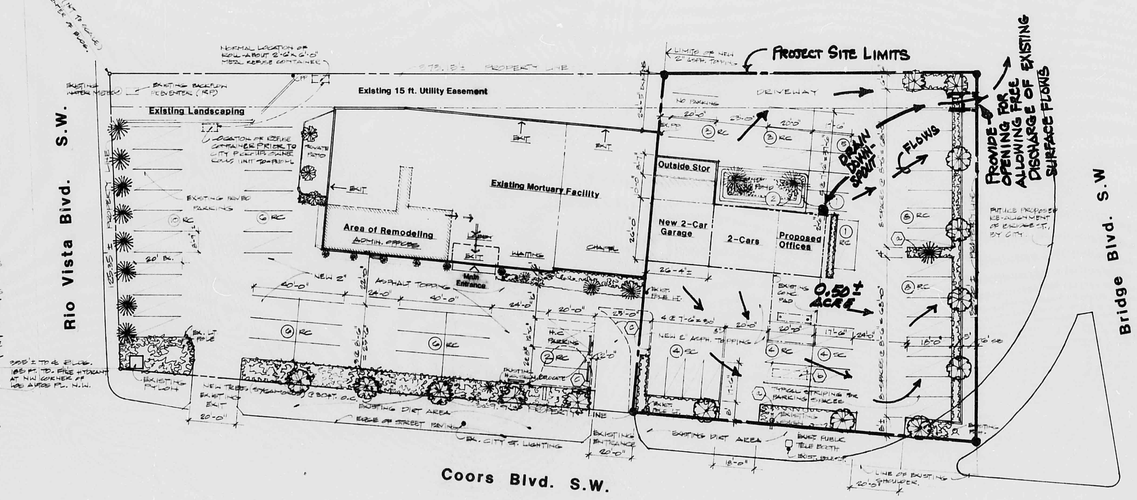
NEW STREET TREES ARE TO BE:
5 @ GALTER, 8 FT - 10 FT TALL
3 @ GAMBEL OAK 30" MAX. CANOPY

GENERAL SITE NOTES

1) EXISTING WATER LOCATION, ACCESSIBLE FOR WATER CONNECTION TO HOSE BIBS OR SPRINKLERS.
2) EXISTING SAN. SEWER PROJECT ABOVE GRADE AND CAP-OFF AS PER CODE REQUIREMENTS.
3) EXCEPT FOR NEW TREES, ALL LANDSCAPING SHOWN IS EXISTING MATURE LANDSCAPE PLANT MATERIAL.

Site Demolition Notes

a) REMOVE EXISTING PAVED AREA OF ASPHALT PAVING TO CREATE PROPOSED PLANTING AREAS & EXISTING PRC WALL
b) REMOVE EXISTING CONC. RAISED ISLAND TO BELOW PAVING.
c) REMOVE EXISTING PLANTING IN PREPARATION FOR CONC. CONTRACTOR AND REPAVING



SITE PLAN SCALE: 1" = 20'-0"

CONCEPTUAL DRAINAGE PLAN
FOR PROPOSED ADDITION TO
GABALDON MORTUARY
ALBUQUERQUE, NEW MEXICO
DECEMBER, 1989

RECEIVED DEC 0 8 1989 HYDROLOGY SECTION

R# 27 DATE 3-27-02 DP EGP

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the **Public Works Department** and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS115-1977)

DIRECTOR 11-15-92

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

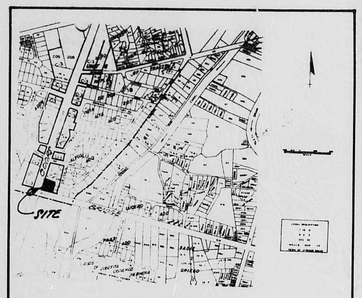
NOTARY PUBLIC
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 8/8/92

PLANS/PLATS ON FILE

FILE DESC: L11/D13

PLANS/PLATS 2

E 30 D 24 C 20 B 16 A 12 CITY OF ALBUQERQUE C D F



L-11-Z

VICINITY MAP

LEGAL DESCRIPTION:
REMAINING 0.53 ACRE SOUTHERLY PORTION OF "COMMERCIAL AREA LOT", BLOCK THREE (3), LOT ALTON SUBDIVISION, (PLAT: 12-15-83).

GENERAL NOTES:

1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.

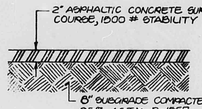
2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.

3.) REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED IMPROVEMENTS.

4.) TOPOGRAPHY SURVEY OBTAINED BY "TRANSIT-STADIA" METHOD.

LEGEND:

- T.C. = H/L = TOP OF CURB ELEVATION
- F.L. = H/L = CURB FLOW LINE ELEVATION
- = EXISTING OR PROPOSED CONCRETE
- 01 = EXISTING CONTOUR
- 05 = PROPOSED CONTOUR
- = EXISTING FENCE
- 03.50 = PROPOSED SPOT ELEVATION
- = PROPOSED LIMIT OF NEW PAVING



TYPICAL PAVEMENT SECTION
SCALE: 1" = 1'-0"

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHEAST INTERSECTION OF COORS BLVD. S.W. AND BRIDGE STREET S.W., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS MAP "L-11-Z").

THE PROJECT SITE, (1.) DOES PARTIALLY LIE WITHIN A FLOODPLAIN (F.E.M.A. FLOODWAY PANEL MAP 33 OF 50), (2.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE, (3.) HAS NO DRAINAGE EASEMENTS ON THE PROPERTY AT THE PRESENT TIME; HOWEVER, A DRAINAGE COVENANT IS BEING PREPARED AT THE PRESENT TIME FOR ACCEPTING RUNOFF FROM THE ADJACENT IMPROVEMENTS TO THE NORTH OF THE SUBJECT PROPERTY.

BASED ON A SITE INVESTIGATION, IT HAS BEEN DETERMINED THAT THE FREE DISCHARGE OF THE SURFACE FLOWS OF THE EXISTING AND PROPOSED IMPROVEMENTS HAVE NO ADVERSE AFFECT ON DOWNSTREAM PROPERTIES.

DRAINAGE CALCULATIONS:

SITE AREA = 22,950.0 SQ. FT. = (0.53 ACRE)

RAINFALL, R_6 (100 YR., 6-HR.) = 2.2 INCHES

TIME OF CONCENTRATION, T_c = TEN (10) MINUTES FOR A SITE THIS SIZE

RAINFALL INTENSITY, "I" = $2.2 \times 6.84 \times (10)^{-0.51}$ = 4.65 IN./HR.

EXISTING DEVELOPED SITE:

ROOF AREA = 1,248.0 SQ. FT.
LANDSCAPED AREA = 4,225.0 SQ. FT.
PAVED/CONCRETE AREA = 17,477.0 SQ. FT.

$C_r = \frac{(1248.0)(0.90)}{22,950.0} = 0.05$

$C_l = \frac{(4225.0)(0.25)}{22,950.0} = 0.05$

$C_p = \frac{(17,477.0)(0.95)}{22,950.0} = 0.72$ "C" = 0.82

Q_{100} = (0.82) (4.65) (0.53) = 2.02 cfs

V_{100} = (0.82) (2.2) (22,950.0)/12 = 3,450.2 cu. ft.

PROPOSED DEVELOPED SITE:

ROOF AREA = 2,440.0 SQ. FT.
LANDSCAPED AREA = 3,603.0 SQ. FT.
PAVED/CONCRETE AREA = 16,907.0 SQ. FT.

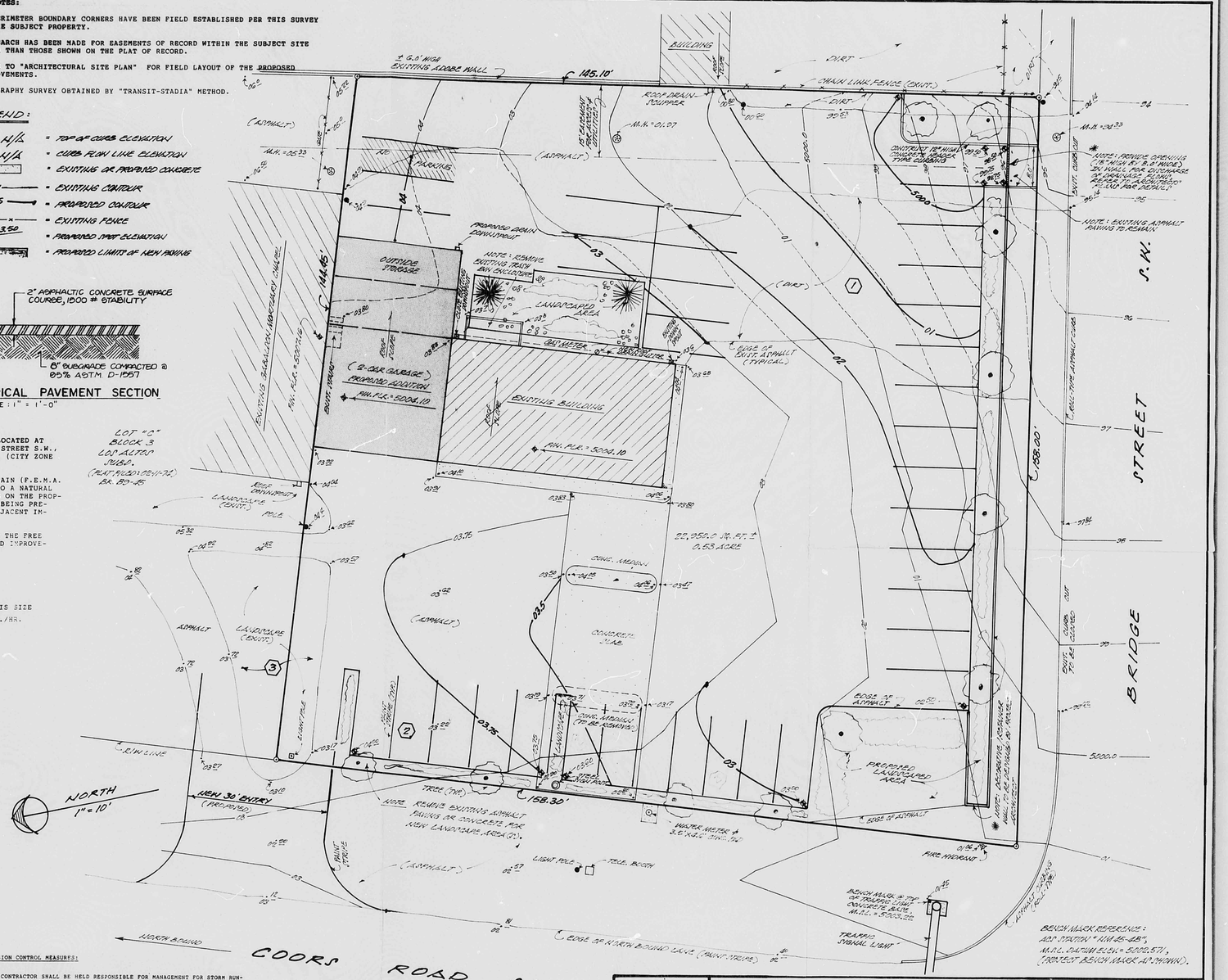
$C_r = \frac{(2440.0)(0.90)}{22,950.0} = 0.10$

$C_l = \frac{(3603.0)(0.25)}{22,950.0} = 0.04$

$C_p = \frac{(16,907.0)(0.95)}{22,950.0} = 0.70$ "C" = 0.84

Q_{100} = (0.84) (4.65) (0.53) = 2.07 cfs

V_{100} = (0.84) (2.2) (22,950.0)/12 = 3,534.3 cu. ft.



CONSTRUCTION NOTES:

1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES.

2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.

3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUNOFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.

2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.

3.) THE CONTRACTOR SHALL IMMEDIATELY AND THROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

COMMENTS:

1. REMOVE EXISTING ASPHALT, PLACE REQUIRED FILL MATERIAL, RE-GRADE AND COMPACT, FOR PROPOSED NEW ASPHALT SURFACE.
2. PLACE NEW ASPHALT OVERLAY TO RE-DIRECT DRAIN(S) AS SHOWN.
3. REMOVE EXISTING LANDSCAPED AREA AND RE-PAVE TO ALLOW VEHICULAR FLOW TO BE DIRECTED TOWARDS COORS ROAD S.W.

2-6-90

REGISTERED PROFESSIONAL ENGINEER

GRADING AND DRAINAGE PLAN
FOR
GABALDON MORTUARY FACILITIES
(1000 COORS BOULEVARD S.W.)
ALBUQUERQUE, NEW MEXICO
JANUARY, 1990

RECEIVED FEB 06 1990 HYDROLOGY SECTION

PLAN SHOT TWICE ONCE ON LIGHT ONCE ON DARK

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

R# 27 DATE 3-27-02 DP EGP

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the Public Works Department and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS115-1977)

DIRECTOR

NOTARY PUBLIC
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D

GENERAL NOTES:

1.) NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.

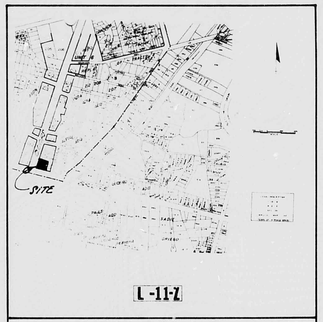
2.) NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.

3.) REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED IMPROVEMENTS.

4.) TOPOGRAPHY SURVEY OBTAINED BY "TRANSIT-STADIA" METHOD.

LEGEND:

T.C. = 4/2 = TOP OF CURB ELEVATION
R = 4/2 = CURB R/W LINE ELEVATION
= EXISTING OR PROPOSED CONCRETE
— 01 — = EXISTING CONTOUR
— 05 — = PROPOSED CONTOUR
—·—×— = EXISTING FENCE
03.50 = PROPOSED SPOT ELEVATION
= PROPOSED LIMITS OF NEW PAVING



VICINITY MAP

LEGAL DESCRIPTION:
REMAINING PORTIONS OF THE NORTHERN PORTION OF "MONTGOMERY HEIGHTS UNIT 2" BLOCK THREE (3), LOS ALTOS SUBDIVISION, (ZONE 11-Z).

TYPICAL PAVEMENT SECTION
SCALE: 1" = 1'-0"

DRAINAGE COMMENTS:

AS SHOWN ON THE VICINITY MAP HEREON, THE SUBJECT SITE IS LOCATED AT THE NORTHEAST INTERSECTION OF COORS BLVD. S.W. AND BRIDGE STREET S.W., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (CITY ZONE ATLAS MAP "L-11-Z").

THE PROJECT SITE, (1.) DOES PARTIALLY LIE WITHIN A FLOODPLAIN (F.E.M.A. FLOODWAY PANEL MAP 33 OF 50). (2.) DOES NOT LIE ADJACENT TO A NATURAL OR ARTIFICIAL WATER COURSE. (3.) HAS NO DRAINAGE EASEMENTS ON THE PROPERTY AT THE PRESENT TIME; HOWEVER, A DRAINAGE COVENANT IS BEING PREPARED AT THE PRESENT TIME FOR ACCEPTING RUNOFF FROM THE ADJACENT IMPROVEMENTS TO THE NORTH OF THE SUBJECT PROPERTY.

BASED ON A SITE INVESTIGATION, IT HAS BEEN DETERMINED THAT THE FREE DISCHARGE OF THE SURFACE FLOWS OF THE EXISTING AND PROPOSED IMPROVEMENTS HAVE NO ADVERSE AFFECT ON DOWNSTREAM PROPERTIES.

DRAINAGE CALCULATIONS:

SITE AREA = 22,950.0 SQ. FT. = ± 0.53 ACRES

RAINFALL, R_6 (100 YR., 6-HR.) = 2.2 IN./HR.

TIME OF CONCENTRATION, T_c = TEN (10) MINUTES FOR A SITE THIS SIZE

RAINFALL INTENSITY, "I" = $2.2 \times 6.84 \times (10)^{-0.6}$ = 4.65 IN./HR.

EXISTING DEVELOPED SITE:

ROOF AREA = 1,248.0 SQ. FT.
LANDSCAPED AREA = 4,225.0 SQ. FT.
PAVED/CONCRETE AREA = 17,477.0 SQ. FT.

$C_r = \frac{(1248.0)(0.90)}{22,950.0} = 0.05$

$C_l = \frac{(4225.0)(0.25)}{22,950.0} = 0.05$

$C_p = \frac{(17,477.0)(0.95)}{22,950.0} = 0.72$ "C" = 0.82

Q_{100} = (0.82) (4.65) (0.53) = 2.02 cfs

V_{100} = (0.82) (2.2) (22,950.0)/12 = 3,450.2 cu. ft.

PROPOSED DEVELOPED SITE:

ROOF AREA = 2,440.0 SQ. FT.
LANDSCAPED AREA = 3,603.0 SQ. FT.
PAVED/CONCRETE AREA = 16,907.0 SQ. FT.

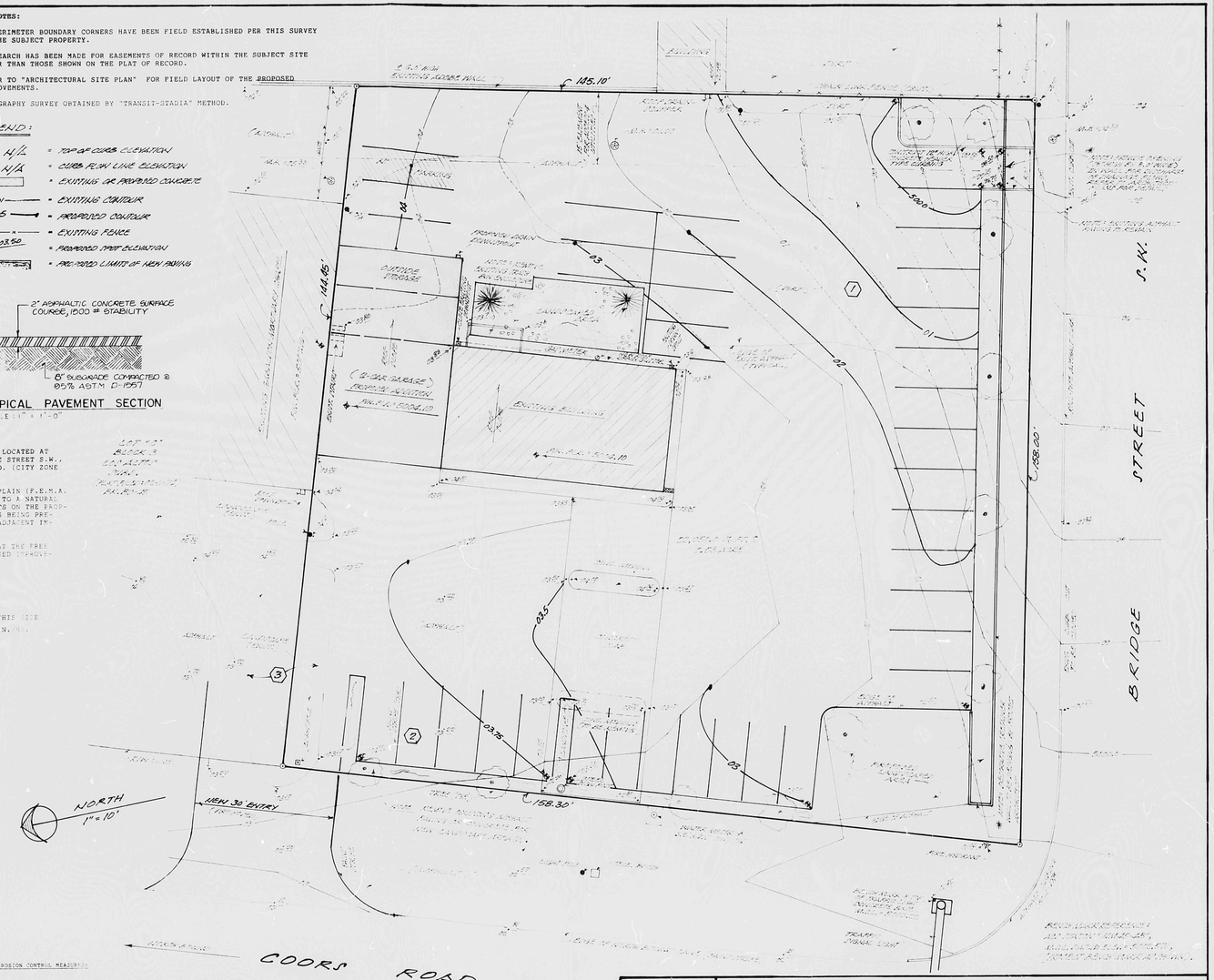
$C_r = \frac{(2440.0)(0.90)}{22,950.0} = 0.10$

$C_l = \frac{(3603.0)(0.25)}{22,950.0} = 0.04$

$C_p = \frac{(16,907.0)(0.95)}{22,950.0} = 0.70$ "C" = 0.84

Q_{100} = (0.84) (4.65) (0.53) = 2.07 cfs

V_{100} = (0.84) (2.2) (22,950.0)/12 = 3,534.3 cu. ft.



CONSTRUCTION NOTES:

1.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE AT 765-1234 FOR LOCATION OF EXISTING UTILITIES.

2.) PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.

3.) ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

4.) ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUNOFF DURING CONSTRUCTION. HE SHALL ENSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

1.) ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.

2.) ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.

3.) THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.

CONVENTIONS:

1. REMOVE EXISTING ASPHALT, PLACE REMOVED MATERIAL ON MONTGOMERY HEIGHTS PROPERTY, NEW ALBUQUERQUE, NEW MEXICO.
2. PLACE NEW ASPHALT TAPERS TO EXISTING PAVING ELEVATIONS.
3. REMOVE EXISTING LANDSCAPING AREA AND REPLACE TO MATCH MONTGOMERY HEIGHTS PROPERTY, NEW ALBUQUERQUE, NEW MEXICO.

2-6-90

GRADING AND DRAINAGE PLAN FOR SABALDON MORTUARY FACILITIES (1000 COORS BOULEVARD S.W.) ALBUQUERQUE, NEW MEXICO JANUARY, 1990

RECEIVED FEB 06 1990 HYDROLOGY SECTION

PLAN SHOT TWICE
ONCE ON LIGHT
ONCE ON DARK

CITY OF ALBUQUERQUE
THIS MICROIMAGE IS THE BEST POSSIBLE REPRODUCTION DUE TO THE POOR QUALITY OF THE ORIGINAL DOCUMENT.

R# 27 DATE 3-27-02 DP EJP

CITY OF ALBUQUERQUE

This microimage is certified to be a complete and accurate copy of the original as it appears in the files of the Public Works Department and was created in the normal course of business.

The photographic process used meets the Basic Microfilm Standards of the National Micrographics Association (MS115-1977)

DIRECTOR 11/5/02

NOTARY PUBLIC
OFFICIAL SEAL
Roberta Duran
NOTARY PUBLIC
STATE OF NEW MEXICO
My Commission Expires 4/24/02

D 24 C 20 B 16 A 12 CITY OF ALBUQUERQUE C D