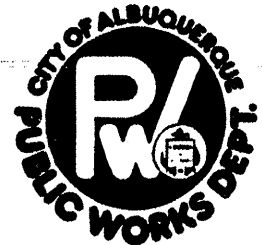


FILE COPY

MEMORANDUM:



November 8, 1988

ENGINEERING GROUP

TO: Jacob Baca, Transportation System Division

FROM: Fred J. Aguirre, Hydrologist; Engineering Group/PWD *FJA*

SUBJECT: PRIVATE DRAINAGE FACILITIES WITHIN PUBLIC RIGHTS-OF-WAY/EASEMENT
BAHA'I CENTER - YALE BOULEVARD, SE (K-16/D32)

Transmitted herewith, is a copy of the approved drainage plan for the referenced project incorporating the S.O. #19 design.

In accordance with the new process, this plan is being submitted to you for permitting and inspection. Please provide this section with a signed-off copy per the signature block upon construction and acceptance by your office.

As you are aware, the signed-off S.O. #19 is required by this office for Certificate of Occupancy release; hence your expeditious processing of this plan would be greatly appreciated and would avoid any unnecessary delay in the release of the Certificate of Occupancy.

Thank you for your cooperation, and if you should have any questions and/or comments regarding the process, please feel free to call me at 768-2650.

FJA/bsj

Attachment

DRAINAGE INFORMATION SHEET

PROJECT TITLE: Bahai Center ZONE ATLAS/DRNG. FILE #: K-16/032

LEGAL DESCRIPTION: Lot 12, Block 2, University Heights Addition

CITY ADDRESS: Lead & Yale S.E.

ENGINEERING FIRM: Mark Goodwin & Associates CONTACT: Mark Goodwin

ADDRESS: P.O. Box 21307, Albq. 87154 PHONE: 265-0905

OWNER: Bahai Center CONTACT: Mitra Kanaani

ADDRESS: 2155 Louisiana, Albuquerque 87110 PHONE: 293-2015

ARCHITECT: Mitra Kanaani CONTACT: Same

ADDRESS: 2155 Louisiana, Albuquerque 87110 PHONE: 293-2015

SURVEYOR: Technical Management Services CONTACT: Phil Turner

ADDRESS: P. O. Box 367, Moriarity PHONE: 281-4366

CONTRACTOR: N/A CONTACT: _____

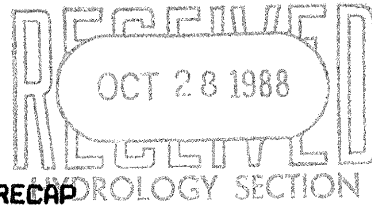
ADDRESS: _____ PHONE: _____

PRE-DESIGN MEETING:

☒ YES

☐ NO

☒ COPY OF CONFERENCE RECAP SHEET PROVIDED



DRB NO. _____

EPC NO. _____

PROJ. NO. _____

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT

☒ DRAINAGE PLAN

☐ CONCEPTUAL GRADING & DRAINAGE PLAN

☒ GRADING PLAN

☐ EROSION CONTROL PLAN

☐ ENGINEER'S CERTIFICATION

CHECK TYPE OF APPROVAL SOUGHT:

☐ SKETCH PLAT APPROVAL

☐ PRELIMINARY PLAT APPROVAL

☐ SITE DEVELOPMENT PLAN APPROVAL

☐ FINAL PLAT APPROVAL

☒ BUILDING PERMIT APPROVAL

☐ FOUNDATION PERMIT APPROVAL

☐ CERTIFICATE OF OCCUPANCY APPROVAL

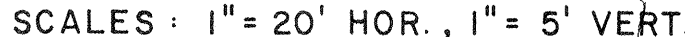
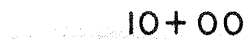
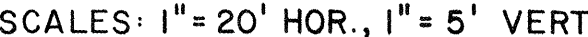
☐ ROUGH GRADING PERMIT APPROVAL

☐ GRADING/PAVING PERMIT APPROVAL

☐ OTHER _____ (SPECIFY)

DATE SUBMITTED: Mark Goodwin 10/28/88

BY: Mark Goodwin, P.E.



GENERAL NOTES







NOTICE TO CONTRACTORS

1. CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1986 EDITION WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS."
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1234) FOR LOCATION OF EXISTING UTILITIES.
3. PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- | | |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAYING. |
| <input checked="" type="checkbox"/> | BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE. |
| <input type="checkbox"/> | TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER. |
| <input type="checkbox"/> | SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED. |
| <input type="checkbox"/> | IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER. |
| <input type="checkbox"/> | ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE. |
| <input checked="" type="checkbox"/> | THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OR WORK COMPLETED BY THE CONTRACTOR. |

LEGEND

- | | |
|---------------------------------------------------------------------------------------|-------------------------|
|  | EXISTING SPOT ELEVATION |
|  | EXISTING ASPHALT PAVING |
|  | EXISTING CURB |
|  | EXISTING MANHOLE |
|  | EXISTING WATERLINE |
|  | EXISTING FENCE |

RECEIVED
OCT 28 1988
HYDROLOGY SECTION

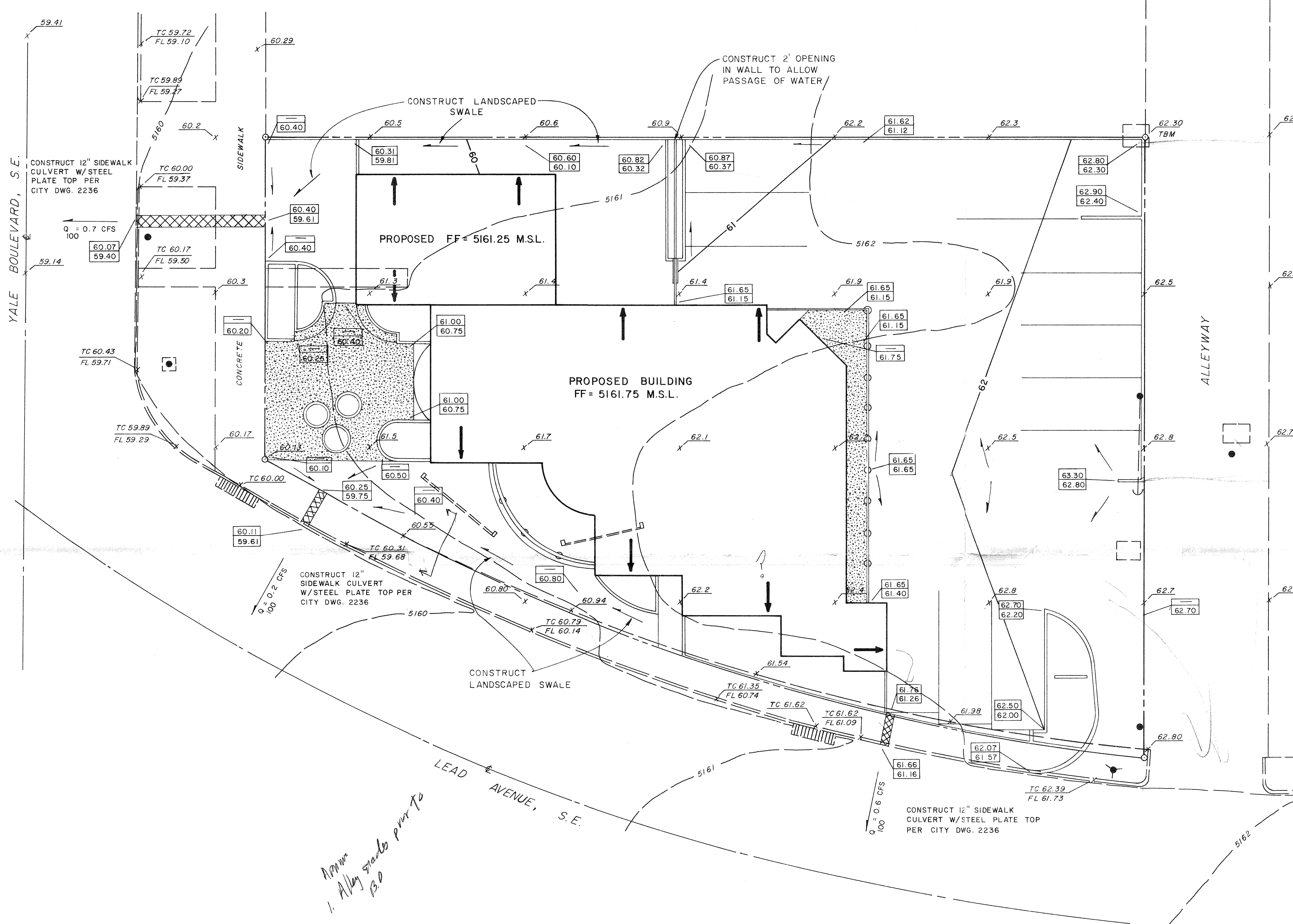
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ALLEYWAY
BLOCK 2 - UNIVERSITY HEIGHTS ADDITION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO.	MAP NO. K-16	SHEET 1	OF 1
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dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 21307
ALBUQUERQUE, NEW MEXICO 87154
(505) 294 - 9961



LEGEND

- 5162--- EXISTING CONTOURS
- 62--- PROPOSED CONTOURS
- 61.2 EXISTING ELEVATION
- 61.65 / 61.45 PROPOSED ELEVATION
- FLOW ARROWS
- CONCRETE
- ROOF LEADERS
- DROP INLET
- BILLBOARDS
- WATER METER
- FIRE HYDRANT
- POWER POLE

NOTICE TO CONTRACTOR

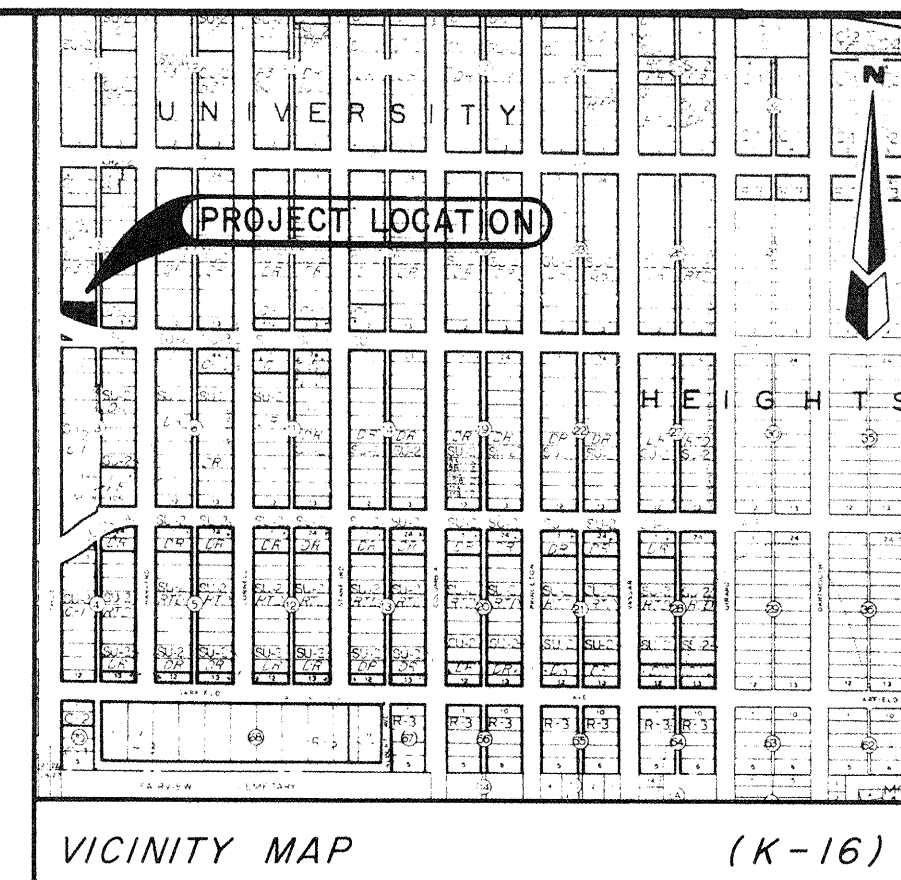
1. An excavation/construction permit will be required before beginning any work within City right of way. An approved copy of these plans must be submitted at the time of application for this permit.
2. All work detailed on these plans to be performed, except as otherwise stated or provided hereon, shall be constructed in accordance with "City of Albuquerque Standard Specifications for Public Works Construction" (1986 Edition).
3. Two working days prior to any excavation, Contractor must contact the Line Locating Service, 765-1234, 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 so that the conflict can be resolved with a minimum of delay.
5. Backfill compaction shall be according to residential street use.
6. Maintenance of these facilities shall be the responsibility of the Owner of the property served.
7. Contractor is responsible for obtaining excavation permit for the S.O. 19 and provide proof of acceptance by the City prior to Hydrology sign-off for Certificate of Occupancy.

DRAINAGE FACILITIES WITHIN CITY RIGHT OF WAY

Design Approval *Barney Montoya* 11/4/84
Hydrology Section Date

Inspection Approval _____ Date
Construction Section

Acceptance _____ Date
Construction Section/Permits



LEGAL DESCRIPTION

LOT 12, BLOCK 2, UNIVERSITY HEIGHTS ADDITION

ACS 6-K16

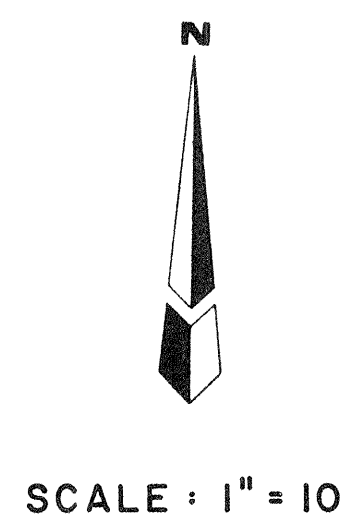
LOCATED AT NOSE OF E. MEDIAN OF INTERSECTION OF CENTRAL AVE. AND YALE ST.
ELEVATION = 5161.699

T.B.M.

TOP OF WATER METER BOX AT N.E. PROPERTY CORNER
ELEVATION = 5162.30 M.S.L.

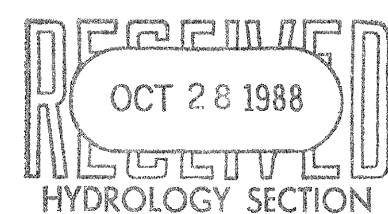
GENERAL NOTES

1. TOPOGRAPHIC SURVEY PROVIDED BY TECHNICAL MANAGEMENT SERVICES, INC.
2. ALL ELEVATIONS ARE MEAN SEA LEVEL, M.S.L.
3. ADD 5100 TO ALL SPOT ELEVATIONS.
4. CONTOUR INTERVAL = 1'
5. SITE IS NOT LOCATED IN A FLOOD PLAIN.
6. NO OFF-SITE FLOWS ENTER THIS SITE.
7. CONTRACTOR IS TO CONSTRUCT TEMPORARY EARTHEN BERM ALONG NORTH & WEST PROPERTY LINE FOR EROSION AND SEDIMENTATION CONTROL. BERM IS TO BE 2' HIGH.



PROJECT BAHA'I CENTER
LOCATION UNDEVELOPED
ANALYSIS POINT # _____
(DR. AREA) A = 0.242
Tc 10 MIN.
POINT RAINFALL 2.2 IN. FROM PLATE 22.2 D-1
CN = 69 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 0.4 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. Tp = Tc
(Rounded to even minute)
qp = 45.4A = 1.1 C.F.S./INCH OF RUNOFF
tp
(R x qp) = Qpeak = .5 C.F.S.
t(COLUMN) = (t/Tp) t = Tp(t/Tp)
y = Q Q = y(Qpeak)
Qpeak
VOL. = 351 Cu. Ft.

PROJECT BAHA'I CENTER
LOCATION DEVELOPED
ANALYSIS POINT # _____
(DR. AREA) A = 0.242
Tc 10 MIN.
POINT RAINFALL 2.2 IN. FROM PLATE 22.2 D-1
CN = 92 FROM PLATE 22.2 C-2, 22.2 C-3
RUNOFF VOLUME R = 1.4 IN. FROM PLATE 22.2 C-4
COMPUTED Tp = 10 MIN. Tp = Tc
(Rounded to even minute)
qp = 45.4A = 1.1 C.F.S./INCH OF RUNOFF
tp
(R x qp) = Qpeak = 1.5 C.F.S.
t(COLUMN) = (t/Tp) t = Tp(t/Tp)
y = Q Q = y(Qpeak)
Qpeak
VOL. = 1230 Cu. Ft.



GRADING & DRAINAGE PLAN

BAHA'I CENTER

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 21307
ALBUQUERQUE, NEW MEXICO 87154
(505) 265-0905

Designed: M.G. Drawn: DMR Checked: _____
Scale: 1" = 10' Date: 10/88 Sheet C1 of 1