Hydrology M16/D13c Saic Bldg.

M 16/D 13c

Saic Bldg.

1 Plan

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

April 30, 1986

Jeff Mortensen, P.E.
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: ENGINEER'S CERTIFICATION OF UNDERGROUND STORM DRAIN FACILITIES FOR SAIC BUILDING RECEIVED APRIL 14, 1986 (M-16/D13C)

Dear Jeff:

The above referenced submittal, dated April 14, 1986, is accepted for Certification of underground storm drain facilities. A field inspection of completed project will be required of surface features prior to release of Certificate of Occupancy.

If you have any questions, call this office at 766-7644.

Cordially,

Roger A. Green, PE

Roger A. Green, P.E.
C.E./Hydrology

cc: Westman Enterprises
Post Office Box 6445

RAG/bsj

[redacted]

[redacted] **ENGINEERING DIVISION** Telephone (505) 766-7437

AN EQUAL OPPORTUNITY EMPLOYER

DRAINAGE INFORMATION SHEET

PROJECT TITLE: SAIC BUILDING ZONE ATLAS/DRNG. FILE #: M-16/D13C

LEGAL DESCRIPTION: LOT 6A AIRPORT BUSINESS PARK

CITY ADDRESS: 2109 AIR PARK RD. SE.

ENGINEERING FIRM: TOM MANN + ASSOC CONTACT: LEONARD P. UTTER

ADDRESS: 811 DALLAS N.E. PHONE: 265-5611

OWNER: WESTMAN ENTERPRISES CONTACT: JACK WESTMAN

ADDRESS: P.O. BOX 6445 PHONE: 883-5221

ARCHITECT: FANNING / BARD CONTACT: BILL FANNING

ADDRESS: 110 AMHERST DR. SE. PHONE: 266-5874

SURVEYOR: CONTACT:

ADDRESS: PHONE:

CONTRACTOR: SPARLING CONSTRUCTION CONTACT: PAT WYLIE

ADDRESS: PHONE: 345-5378

RECEIVED
APR 14 1986
HYDROLOGY SECTION

PRE-DESIGN MEETING:

___ YES

___ NO

___ COPY OF CONFERENCE RECAP SHEET PROVIDED

DRB NO. ___

EPC NO. ___

PROJ. NO. M-16/D13C

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 INFORMATION (SPECIFY)
for YOUR RECORDS

DATE SUBMITTED: 4-14-86

BY: [signature]

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

DESIGN HYDROLOGY SECTION
123 Central NW, Albuquerque, NM 87102
(505) 766-7644

February 5, 1986

Jeff Mortensen, P.E.
Tom Mann & Associates, Inc.
811 Dallas, NE
Albuquerque, New Mexico 87110

RE: DRAINAGE PLAN FOR SAIC BUILDING; AIRPORT BUSINESS PARK
LOT 6A RECEIVED JANUARY 22, 1986 (M-16/D13C)

Dear Jeff:

The referenced plan dated January 14, 1986, is approved for Building Permit sign-off.

Please be advised that any underground systems that are constructed within the private portion of the site must be inspected by our inspector to assure compliance.

Please attach a copy of this approved drainage plan along with the appropriately approved "Drainage Facilities Within City Right-of-Way" document to the construction sets before Hydrology signs-off.

If you have any questions regarding this project, call me at 766-7644.

Cordially,

Carlos A. Montoya, P.E.
City/County Floodplain Administrator

BJM:CAM/bsj

DRAINAGE INFORMATION SHEET

51501

PROJECT TITLE: SAIC BUILDING ZONE MAPS/DRNG. FILE #: M-16

LEGAL DESCRIPTION: LOT 6A AIRPORT BUSINESS PARK

CITY ADDRESS: ?

ENGINEERING FIRM: TOM MANN + ASSOC CONTACT: LEONARD P. UTTER

ADDRESS: 811 DALLAS NE PHONE: 265-5611

OWNER: CONTACT:

ADDRESS: PHONE:

ARCHITECT: FANNING / BARD CONTACT: BILL FANNING

ADDRESS: 110 AMHERST DR SE. PHONE: 266-5874

SURVEYOR: TOM MANN + ASSOC. CONTACT: LEONARD P. UTTER

ADDRESS: 811 DALLAS N.E. PHONE: 265-5611

CONTRACTOR: CONTACT:

ADDRESS: PHONE:

PRE-DESIGN MEETING:

✓ YES

___ NO

✓ COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED FEB 04 1986 HYDROLOGY SECTION

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: 02-03-86

BY: [signature]

DRAINAGE INFORMATION SHEET

51501

PROJECT TITLE: SAIC BUILDING ZONE ATLAS/DRNG. FILE #: M-16/D13C

LEGAL DESCRIPTION: LOT 6A AIRPORT BUSINESS PARK

CITY ADDRESS: ?

ENGINEERING FIRM: TOM MANN + ASSOC CONTACT: LEONARD P. UTTER

ADDRESS: 811 DALLAS NE PHONE: 265-5611

OWNER: CONTACT: BILL FANNING

ADDRESS: PHONE:

ARCHITECT: FANNING / BARD CONTACT: BILL FANNING

ADDRESS: 110 AMHERST DR SE. PHONE: 266-5874

SURVEYOR: TOM MANN + ASSOC. CONTACT: LEONARD P. UTTER

ADDRESS: 811 DALLAS N.E. PHONE: 265-5611

CONTRACTOR: NOT KNOWN CONTACT:

ADDRESS: PHONE:

PRE-DESIGN MEETING:

✓ YES

___ NO

✓ COPY OF CONFERENCE RECAP SHEET PROVIDED

RECEIVED JAN 22 1986 HYDROLOGY SECTION

DRB NO. ~~84-29x~~ 85-824 12/10/85 5/1/84

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: 01-21-86

BY: Tom H. [illegible]

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION/DESIGN HYDROLOGY SECTION

51501

CONFERENCE RECAP

DRAINAGE FILE/ZONE ATLAS PAGE NO.: M-16 DATE: 11/25/85

PLANNING DIVISION NOS: EPC: _____ DRB: _____

SUBJECT: SAIC Building

STREET ADDRESS (IF KNOWN): _____

SUBDIVISION NAME: Lots 6, 7 & 8 of Airport Business Park

APPROVAL REQUESTED:

____	PRELIMINARY PLAT	X	FINAL PLAT
____	SITE DEVELOPMENT PLAN	X	BUILDING PERMIT
____	OTHER	____	ROUGH GRADING

ATTENDANCE:	WHO	REPRESENTING
	Jeff Mortensen	Tom Mann & Assoc.
	Billy J. Goolsby	City/Design Hydrology

FINDINGS:

① Drainage Plan must comply with previously approved Master Plan or provide an acceptable alternate.

② An erosion control plan for the period of construction is required to ensure that sediments remain on-site.

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JAN 22 1986
HYDROLOGY SECTION

The undersigned agrees that the above findings are summarized accurately and are only subject to change if further investigation reveals that they are not reasonable or that they are based on inaccurate information.

SIGNED: Billy J Goolsby SIGNED: Jeffrey G [illegible]

TITLE: CE/Design Hydrology TITLE: _____

DATE: 11/25/85 DATE: 11/25/85

Speed Letter

To CARLOS MONTOYA Date 4-14-86
HYDROLOGY SECTION.

From LEONARD UTTER Date 4-14-86
TOM MANN & ASSOC.

Subject SAIC BLDG. (M-16 (DISC) AS BUILTS

Message Transmitted herewith is one up-dated print along with the daily inspection reports on the above subject project - Should you have any questions or comments, please do not hesitate to call.

Signed L. Utter

Reply

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APR 14 1986
HYDROLOGY SECTION

Signed

WilsonJones
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884

RECIPIENT—RETAIN WHITE COPY, RETURN PINK COPY.

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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APR 14 1986
HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: APRIL 2, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 60's Cool / CLOUDY

Construction Activity:

Contractor completed backfill to underground RCP pipes.
Used plenty of water - compacted properly

Leon P. Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: April 1, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 50's COOL/CLOUDY

Construction Activity:

Contractor constructed double 4' storm drain inlet also installed 4" & 6" drain line pipes per drawing.

Contractor installed 8" pvc drain line pipe to existing storm drain inlet located in Columbia DR S.E.

Contractor backfilled 10" RCP + 8" drain line pipes

Contractor constructed concrete walls located at the end of the 60" and 48" RCP pipes.

Leonard P. Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: March 31, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 60's Warm/Clear

Construction Activity:

Contractor backfilled around 60" RCP pipe used potable water.

Leonard P. Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: MARCH 28, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 70's WARM / CLEAR

Construction Activity:

Contractor backfilled around 60" RCP pipe. Did not see any problems with backfill procedures using plenty of water.

Leonard P. Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: MARCH 27, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 40-70°F

Construction Activity:

Contractor excavating for west run of 60" RCP storage pipes. Placed 105 linear feet of 60" RCP.

Contractor grouted interior and exterior joints of 60" RCP.

Leonard Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: March 26, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 70's

Construction Activity:

Contractor backfilled around 66" RCP pipe. Appeared that contractor was not properly compacting fill material. Had Fox technician also representative tests indicating density failures. Had contractor remove 1.5' depth of fill material and recompact.

Also had contractor remove excess spoil material away from trench.

Leonard Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: - Date: MARCH 25, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present:

Weather: 70's WARM/CLEAR

Construction Activity:

Contractor constructed end wall to 66" RCP pipe -

Contractor grouted interior and exterior joints to 66" RCP

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 87110
505-265-5611

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APR 14 1986
HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: MARCH 24, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 70's WARM / CLEAR

Construction Activity:

Contractor grouted the interior and exterior joints to the 66" RCP. ALSO constructed the headwall to the 66" RCP end.

Contractor backfill portion of the 66" RCP pipe.

L. Utter

Tom Mann & Associates, Inc.
811 Dallas Street N.E.
Albuquerque, New Mexico 8711
505-265-5611

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APR 14 1986
HYDROLOGY SECTION

CONSTRUCTION INSPECTION REPORT

Sheet 1 of 1

Project No.: _____ Date: MARCH 21, 1986

Project: SAIC BUILDING TMA No.: 51501

Client: WESTMAN ENTERPRISES

Contractor: SPARLING CONSTRUCTION CO.

Observer: LEONARD P. UTTER

Others present: _____

Weather: 40-65°F WARM / CLEAR

Construction Activity:

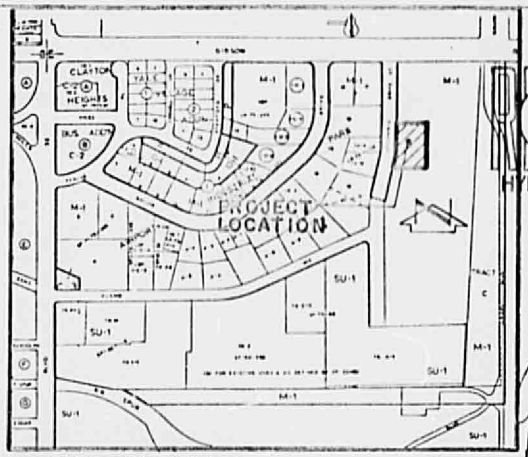
1) Contractor installed 105 LF of 66" SALVAGED RCP PIPE. Grouted interior & exterior joints to pipes.

2) Contractor began backfilling 66" RCP pipe. advised contractor to place fill material in 8" lifts, appeared lifts were 1'±. Had contractor remove 6" of fill material.

Leonard Utter

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



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APR 08 1986
HYDROLOGY SECTION

JEFFREY G. MORTENSEN
NEW MEXICO
8547
02-26-86
REGISTERED PROFESSIONAL ENGINEER

VICINITY MAP **M 16**

SCALE: 1" = 800'

PROJECT BENCHMARK
THE STATION IS A 3½" ALUMINUM TABLET SET FLUSH IN THE CONCRETE PAVEMENT. STATION IS STAMPED "ACS, G-8A, 1984." THE STATION IS LOCATED 3 MILES SOUTHEAST OF DOWNTOWN ALBUQUERQUE, IN THE INTERSECTION OF GIBSON BLVD. & GIRARD BLVD.
ELEVATION = 5296.421 FEET (M.S.L.D.)
T.B.M.
S.W. CORNER OF THE 4'-0"x5'-5" CONCRETE PAD LOCATED APPROXIMATELY 82 FEET FROM THE P.T. OF THE SE PROPERTY CORNER, AS SHOWN ON THE DRAWING.
ELEVATION = 5288.84 FEET (M.S.L.D.)
LEGAL DESCRIPTION
LOTS 6, 7 & 8, AIRPORT BUSINESS PARK REPLATTED INTO LOT 6A.

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 under contract shall, except as otherwise stated or provided for hereon, be constructed in accordance with the City of Albuquerque Interim Standard Specifications - Public Works Construction - 1985.

3. Two (2) working days prior to any excavation, contractor must contact 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 or surveyor so that the conflict can be resolved with a minimum amount of delay.

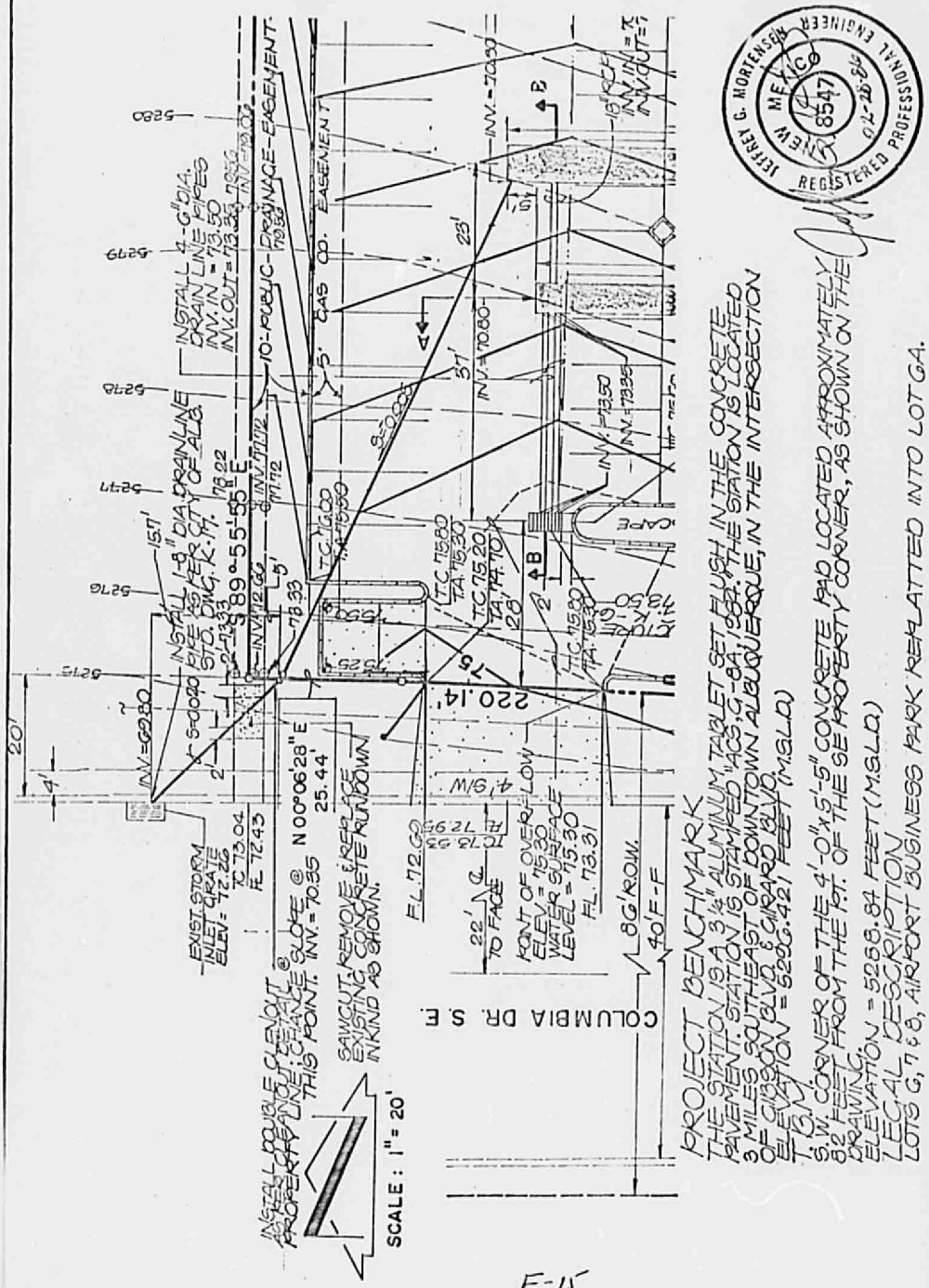
5. Backfill compaction shall be according to ARTERIAL street use.

SPARLING CONSTRUCTION M16-DBC F-15 JOB NO. 51501

APPROVALS	NAME	DATE	TITLE: STORM DRAIN CONNECTION SAIC BUILDING 2109 AIR PARK RD. S.E.
A.C.E./DESIGN		03/04/86	
INSPECTOR			PERMIT NO. 26566

CITY OF ALBUQUERQUE

DRAINAGE FACILITIES WITHIN CITY RIGHT-OF-WAY



F-15

SPARLING CONSTRUCTION

JOB NO. 51501

APPROVALS	NAME	DATE	TITLE: STORM DRAIN CONNECTION SAIC BUILDING 2109 AIR PARK RD. S.E.
A.C.E./DESIGN		08/01/86	
INSPECTOR			
A.C.E./FIELD			PERMIT NO. 26566 MAP