HYDROLOGY E21/D7 EISENHOWER MIDDLE SCHOOL ADDITION

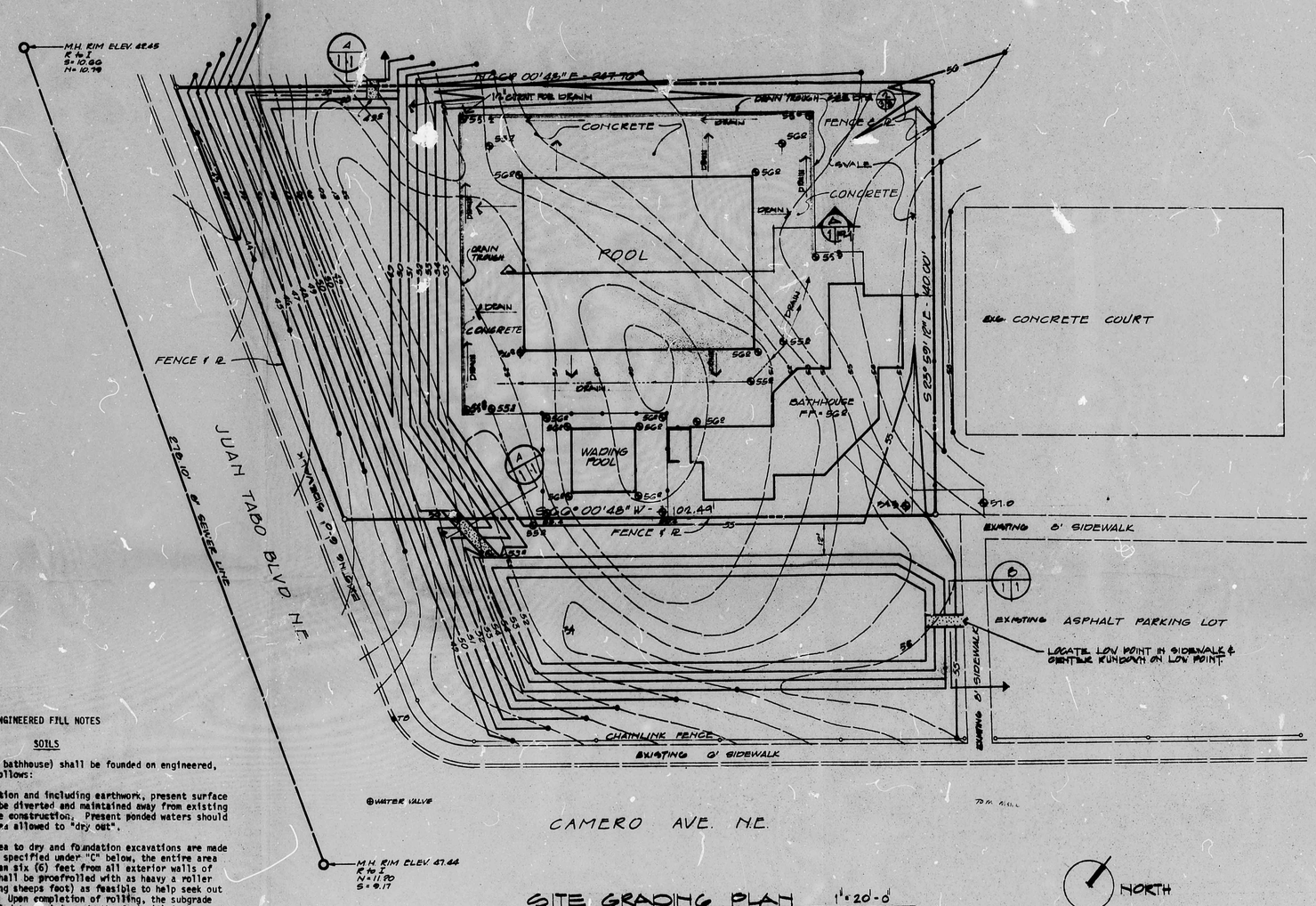
E21/D7

EISENHOWER MIDDLE

SCHOOL ADDITION

2 PLANS

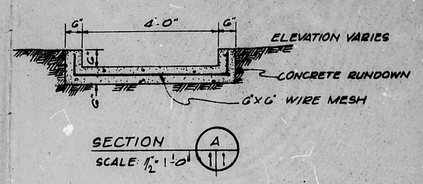
EISENHOWER MIDDLE SCHOOL



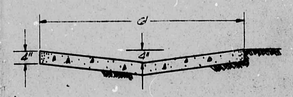
SITE GRADING PLAN 1"=20'-0"

NOTES:
1. SEE ATTACHED DRAINAGE STUDY FOR SITE DRAINAGE ANALYSIS.

LEGEND
- EXISTING CONTOURS
- PROPOSED CONTOURS
- SPOT ELEVATIONS
- FLOW LINE



SECTION A
SCALE: 1/2" = 1'-0"



SECTION B
SCALE: 1/4" = 1'-0"

ENGINEERED FILL NOTES

SOILS

1. All structures (pools and bathhouse) shall be founded on engineered, compacted fill soils as follows:

A. Prior to any construction and including earthwork, present surface water drainage shall be diverted and maintained away from existing ponding and all future construction. Present ponded waters should be removed and the area allowed to "dry out".

B. After allowing the area to dry and foundation excavations are made where required and as specified under "C" below, the entire area extending not less than six (6) feet from all exterior walls of pools and bathhouse shall be proofrolled with as heavy a roller (preferably a vibrating sheeps foot) as feasible to help seek out any loose soil zones. Upon completion of rolling, the subgrade soils shall be scarified to a minimum depth of six (6) inches and compacted at optimum moisture content to not less than 90% of Modified Proctor Density (ASTM D-1557).

C. Approved "on-site" soils or imported soils may be used as compacted fill. Such soils shall be mixed and processed thoroughly with optimum moisture content outside of fill areas. Place in fill areas with thin horizontal lifts (8" maximum loose depth) and compact to a minimum of 90% of Modified Proctor Density. Bring to the desired elevations below the pool and bathhouse, on-grade deck and/or floor slab.

D. Excavations for all building foundations and the main pool may be made in the completed compacted fill soils such that the following minimum depths of compacted fill beneath pools and building foundations are maintained:

1. One (1) foot for bottom pool slab, deck slabs and bathhouse "on-grade" floor slabs.

2. Two (2) feet for all continuous, reinforced concrete bathhouse footing.

3. In addition, compacted fill soils shall extend horizontally from perimeters of all bathhouse footings not less than two (2) feet.

E. Existing ground contours with respect to desired finished grades indicates that undercutting of some areas beneath the main pool deck slabs, bathhouse slabs, and footings will be required to ensure that pools, slabs, and foundations are based as noted above. The wading pool structure may be founded in the apparent native ground soils, provided that soils beneath pool bottom are treated as noted.

F. Properly compact all backfill soils around foundations and in utility trenches to a minimum of 90% of Modified Proctor Density.

11001 CAMERO N.E

Architect

Engineer

EISENHOWER MIDDLE SCHOOL FOR: CITY OF ALBUQUERQUE

SITE GRADING DETAILS

78-39

PROJECT

THE BURNS/PETERS GROUP
Architects & Planners

Date

C-1

8217

PROPERTY MAP E-21

SCALE 1" = 800'

• LEGEND •

- EXISTING SPOT ELEVATION
- PROPOSED SPOT ELEVATION
- 5824 — EXISTING CONTOUR
- 25 — PROPOSED CONTOUR
- SWALE
- T.C. 2823 — EXISTING TOP OF CURB
- FL 54.90 — EXISTING FLOW LINE
- CONCRETE
- BASIN BOUNDARY
- PROPOSED ASPHALT
- PROPERTY LINE
- CHAIN LINK FENCE

PROPOSED ADDITION

WATERSHED MAP

SCALE 1" = 800'

• PROJECT BENCH MARK •

BENCH MARK #8-F21 LOCATED AT THE INTERSECTION OF MONTANO NE AND EDDAMO CT NE IN THE NORTH [illegible] OF THE INTERSECTION. A "D" CUT ON THE [illegible] OF THE NW CURB RETURN.

ELEVATION = 5787.0 FEET (NGVD)

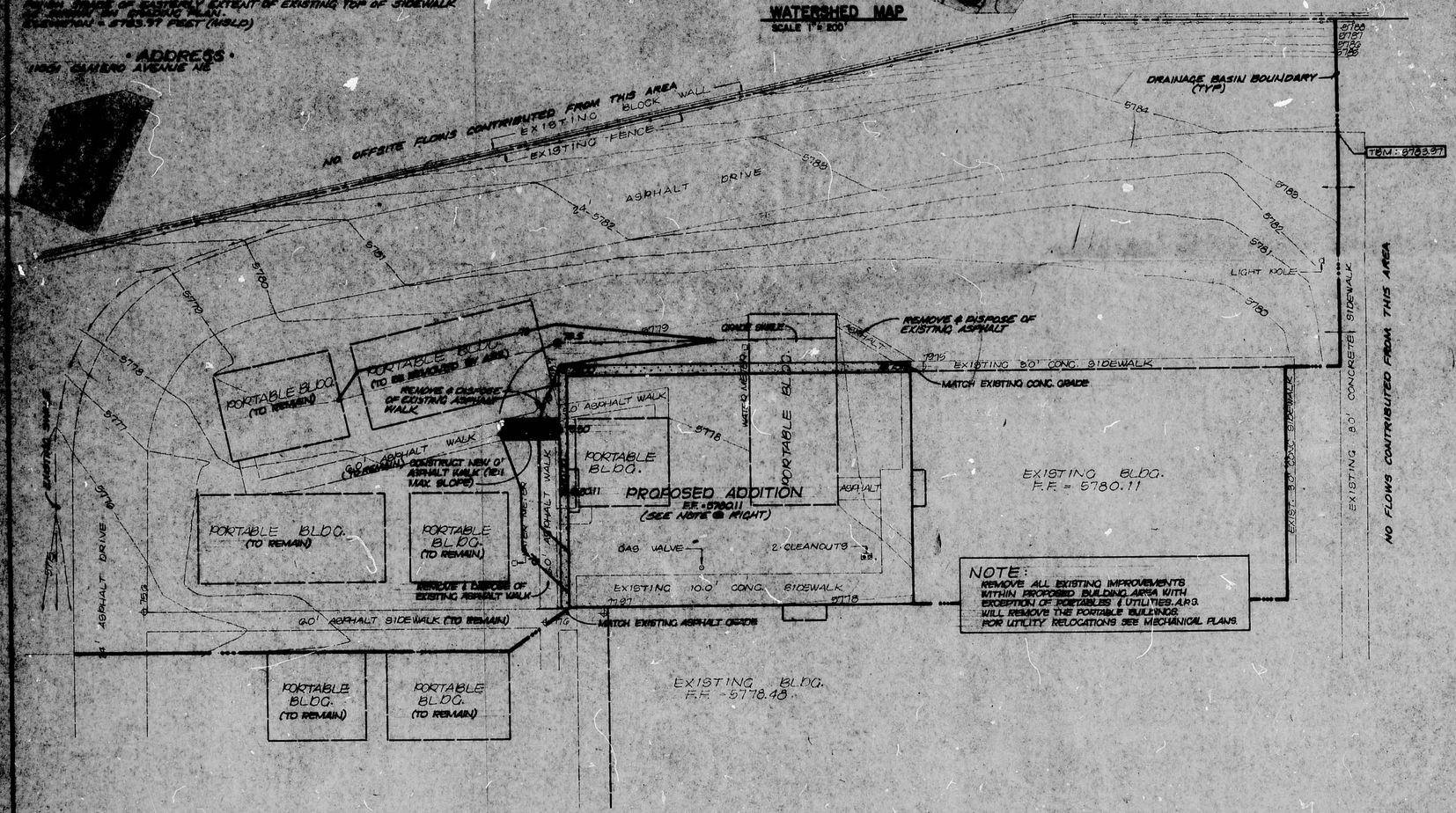
• TBM •

[illegible] SPIKE ON EASTERLY EXTENT OF EXISTING TOP OF SIDEWALK [illegible] ON GRADING PLAN.

ELEVATION = 5783.97 FEET (NGVD)

• ADDRESS •

11051 CAMINO AVENUE NE



RECEIVED AUG 1 9 1983 ENGINEERING

[redacted]

NO.	DATE	BY	REVISIONS

CONLEY-WOODWORTH

811 DALLAS N.E. · ALBUQUERQUE · NEW MEXICO · 87110

ENGINEERS

DESIGNED BY: J.G.M.

DRAWN BY: J.M.C.

APPROVED: T.T.M.

JOB NO. 30691

DATE 6·83

GRADING & DRAINAGE PLAN

EISENHOWER MIDDLE SCHOOL ADDITION

821/07

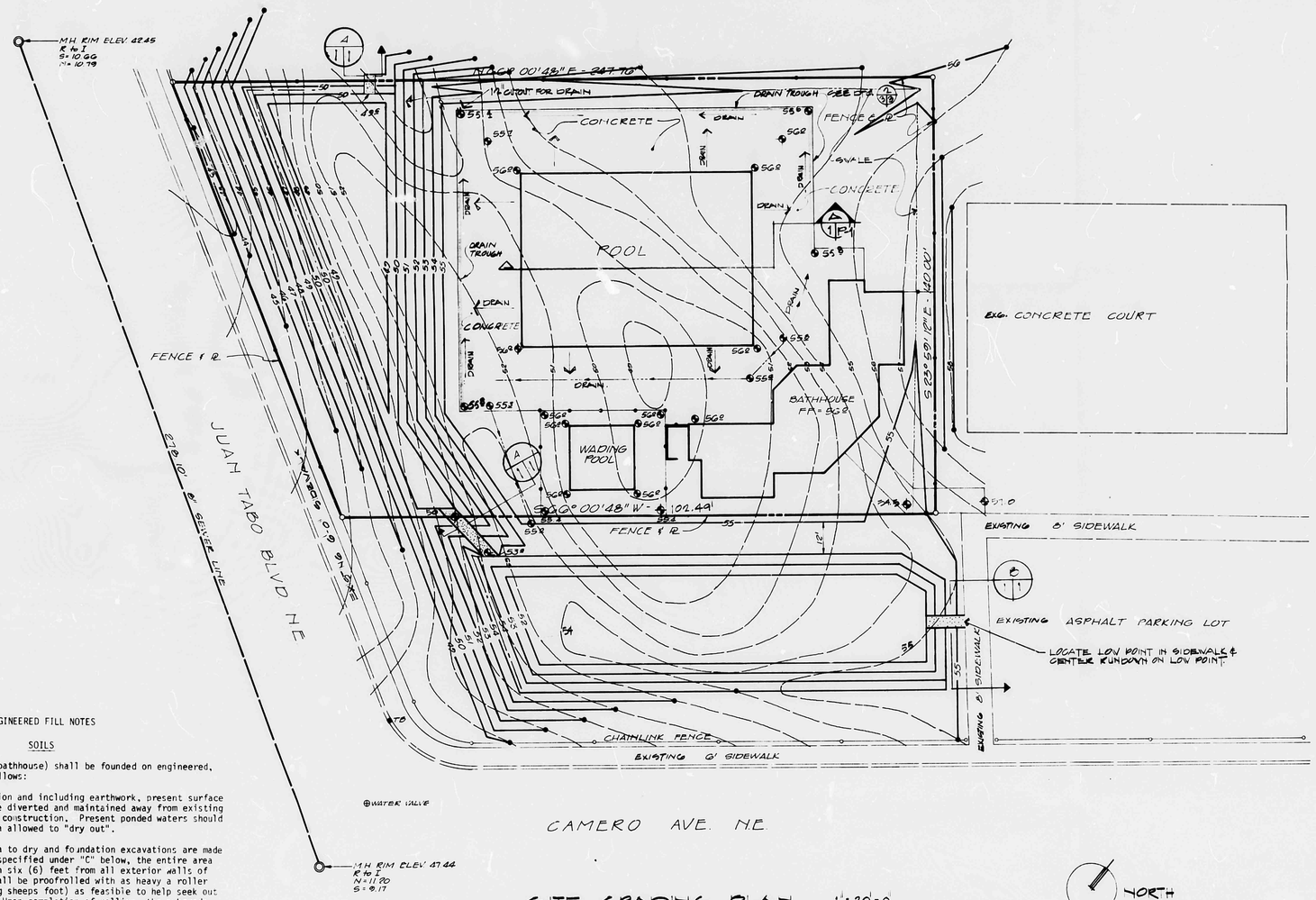
HYDROLOGY

E21/D7
THREE PLANS

E21/D7

3 Plans

EISENHOWER MIDDLE SCHOOL

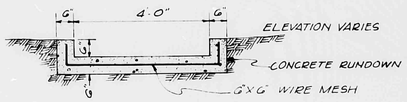


SITE GRADING PLAN 1"=20'-0"

NOTES:
1. SEE ATTACHED DRAINAGE STUDY FOR SITE DRAINAGE ANALYSIS.

NORTH

LEGEND
- EXISTING CONTOURS
- PROPOSED CONTOURS
- SPOT ELEVATIONS
- FLOW LINE



SECTION A
SCALE 1/2"=1'-0"

SECTION B
SCALE 1/2"=1'-0"

ENGINEERED FILL NOTES

SOILS

1. All structures (pools and bathhouse) shall be founded on engineered, compacted fill soils as follows:

   A. Prior to any construction and including earthwork, present surface water drainage shall be diverted and maintained away from existing ponding and all future construction. Present ponded waters should be removed and the area allowed to "dry out".

   B. After allowing the area to dry and foundation excavations are made where required and as specified under "C" below, the entire area extending not less than six (6) feet from all exterior walls of pools and bathhouse shall be proofrolled with as heavy a roller (preferably a vibrating sheeps foot) as feasible to help seek out any loose soil zones. Upon completion of rolling, the subgrade soils shall be scarified to a minimum depth of six (6) inches and compacted at optimum moisture content to not less than 90% of Modified Proctor Density (ASTM D-1557).

   C. Approved "on-site" soils or imported soils may be used as compacted fill. Such soils shall be mixed and processed thoroughly with optimum moisture content outside of fill areas. Place in fill areas with thin horizontal lifts (8" maximum loose depth) and compact to a minimum of 90% of Modified Proctor Density. Bring to the desired elevations below the pool and bathhouse, on-grade deck and/or floor slab.

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      3. In addition, compacted fill soils shall extend horizontally from perimeters of all bathhouse footings not less than two (2) feet.

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   F. Properly compact all backfill soils around foundations and in utility trenches to a minimum of 90% of Modified Proctor Density.

Architect

Engineer

EISENHOWER POOL
FOR:
CITY OF:
ALBUQUERQUE

SITE GRADING PLAN DETAILS

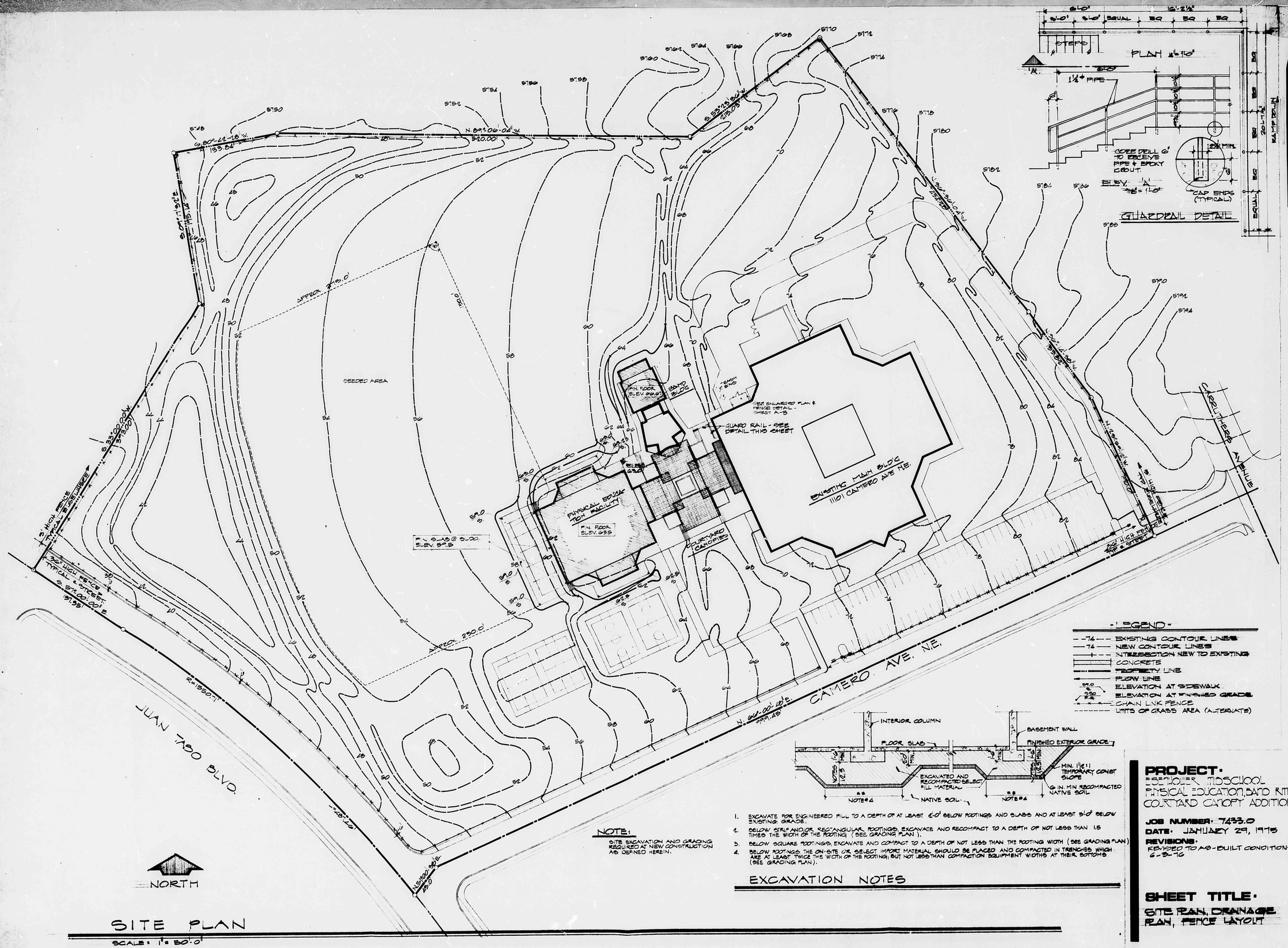
78-33
PROJECT

THE BURNS/PETERS GROUP
Architects & Planners
8000 Pennsylvania Circle NE
Albuquerque, New Mexico
87110 505 265 3645

Date 10-23-78

C-1

1 OF 20
Sheet No.



- LEGEND -

- EXISTING CONTOUR LINES
- NEW CONTOUR LINES
- INTERSECTION NEW TO EXISTING
- CONCRETE
- PROPERTY LINE
- FLOW LINE
- ELEVATION AT SIDEWALK
- ELEVATION AT FINISHED GRADE
- CHAIN LINK FENCE
- LIMITS OF GRASS AREA (ALTERNATE)

1. EXCAVATE FOR ENGINEERED FILL TO A DEPTH OF AT LEAST 2'-0" BELOW FOOTINGS AND SLABS AND AT LEAST 5'-0" BELOW EXISTING GRADE.
2. BELOW STRIP AND/OR RECTANGULAR FOOTINGS, EXCAVATE AND RECOMPACT TO A DEPTH OF NOT LESS THAN 1.5 TIMES THE WIDTH OF THE FOOTING (SEE GRADING PLAN).
3. BELOW SQUARE FOOTINGS, EXCAVATE AND COMPACT TO A DEPTH OF NOT LESS THAN THE FOOTING WIDTH (SEE GRADING PLAN)
4. BELOW FOOTINGS, THE ON-SITE OR SELECT IMPORT MATERIAL SHOULD BE PLACED AND COMPACTED IN TRENCHES WHICH ARE AT LEAST TWICE THE WIDTH OF THE FOOTING, BUT NOT LESS THAN COMPACTION EQUIPMENT WIDTHS AT THEIR BOTTOMS (SEE GRADING PLAN).

EXCAVATION NOTES

NOTE:

SITE EXCAVATION AND GRADING REQUIRED AT NEW CONSTRUCTION AS DEFINED HEREIN.

SITE PLAN

SCALE: 1" = 50'-0"

STATE OF NEW MEXICO
JAMES W. MILLER
No. 495
REGISTERED ARCHITECT

COTTRELL - VAUGHAN - ASSOCIATES, INC.
ENGINEERS · ARCHITECTS · PLANNERS
ALBUQUERQUE, NEW MEXICO

CVA

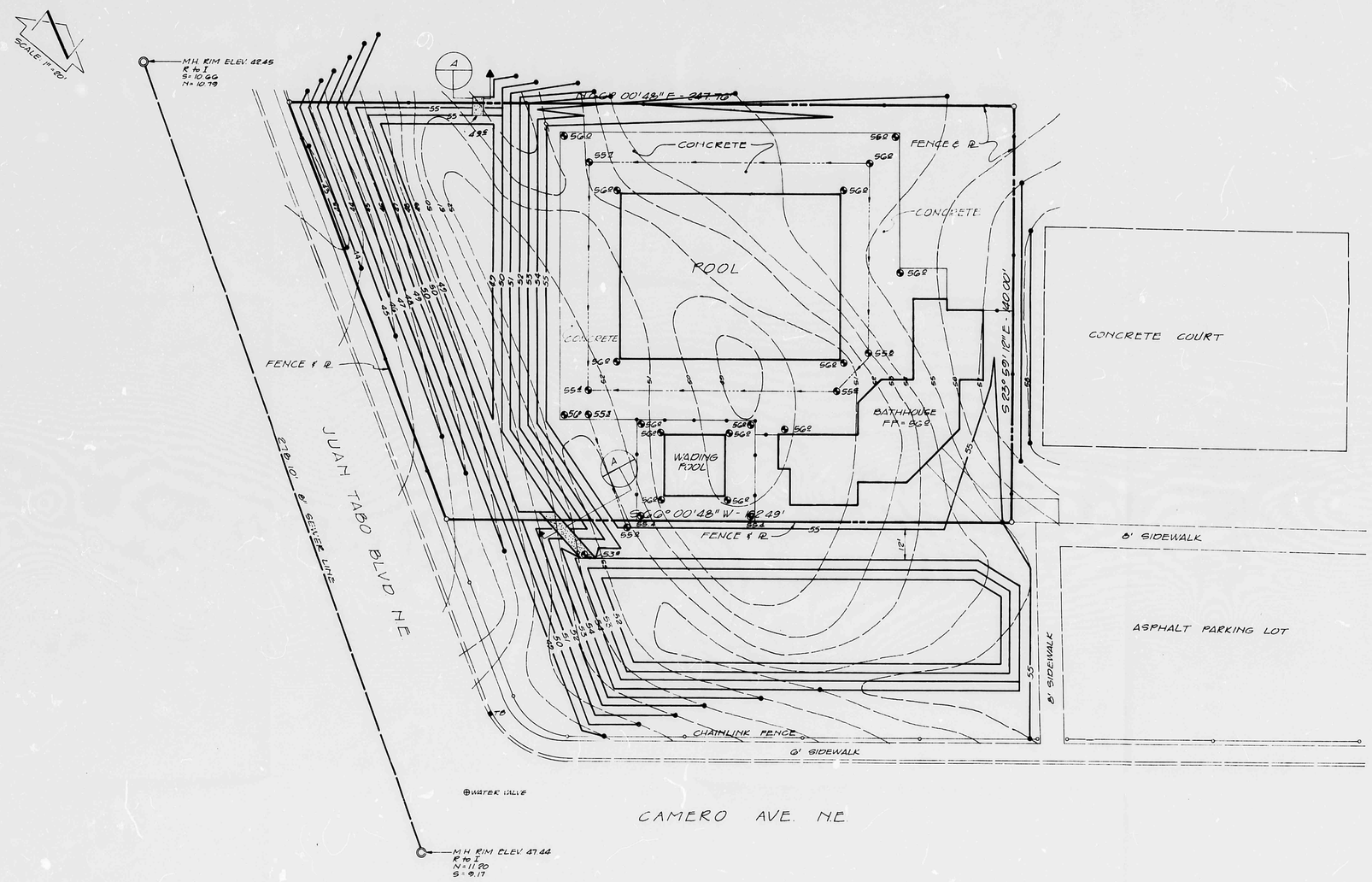
PROJECT:
ESPANOLA MIDSCHOOL
PHYSICAL EDUCATION, BAND RM. & COURTYARD CANOPY ADDITIONS

JOB NUMBER: 7433.0
DATE: JANUARY 29, 1975
REVISIONS:
REVISED TO AS-BUILT CONDITIONS 6-3-76

SHEET TITLE:
SITE PLAN, DRAINAGE PLAN, FENCE LAYOUT

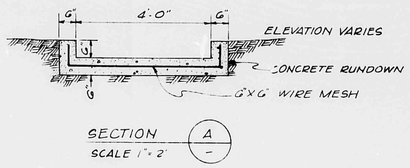
SHEET C-1 OF 1

EISENHOWER MIDDLE SCHOOL



LEGEND

- EXISTING CONTOURS
- PROPOSED CONTOURS
- SPOT ELEVATIONS
- FLOW LINE



SECTION A
SCALE 1"=2'

Goldberg · Mann & Associates
Engineers-Planners
911 Pennsylvania N.E. Albuquerque, New Mexico 87110

NO	DATE	BY	REVISIONS

DESIGNED BY: T.M.
DRAWN BY: J.T.
APPROVED: T.M.

JOB NO. 8-59
DATE 7-78

EISENHOWER MIDDLE SCHOOL
SWIMMING POOL

FIGURE 3
DRAINAGE PLAN

FILE NO.

SHEET ____ OF ____