

- L E G E N D -

MATERIALS

CONCRETE
RIP-RAP

LINES

RIGHT-OF-WAY
PROPERTY LINE (PLAN)
RIGHT-OF-WAY (SECTION)
CENTERLINE
EASEMENT LINE
MATCH LINE
SECTION CUT LINE

EARTHWORK

EXISTING NEW
CONTOUR LINE
SPOT ELEVATION
PROJECT/ PHASE BOUNDARY
SWALE
DIRECTION OF FLOW

MISCELLANEOUS UTILITIES

GAS LINE
UNDERGROUND TELEPHONE
UNDERGROUND ELECTRICAL
STORM DRAIN
STORM DRAIN MANHOLE
ELECTRICAL MANHOLE

SANITARY SEWER

SANITARY SEWER LINE
SANITARY SEWER MANHOLE
SAS SERVICE CONNECTIONS
SAS CAP OR PLUG
ENCASEMENT

WATER

WATER LINE WITH CAP
WATER SERVICE CONNECTIONS
GATE VALVE
FIRE HYDRANT
BUTTERFLY VALVE
REDUCER
WATER PRESSURE ZONE BOUNDARY

WATER FITTINGS

CAPS AND PLUGS
ELBOW
CROSS
TEE

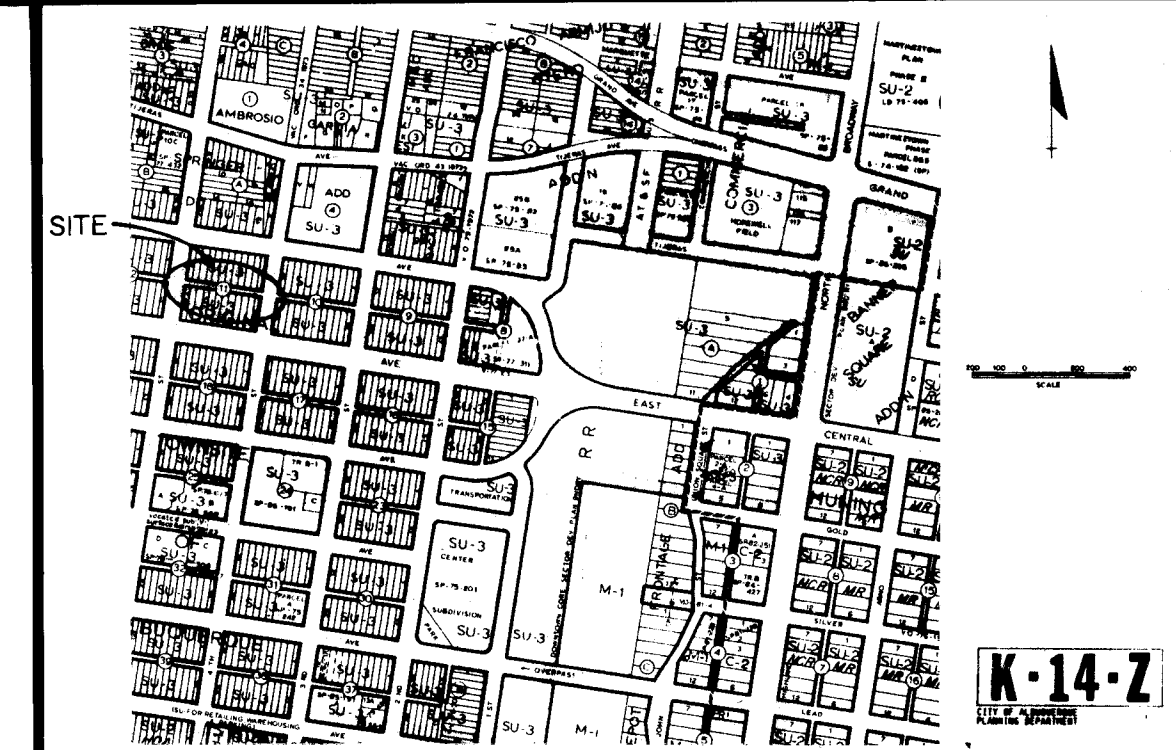
MISCELLANEOUS

EDGE OF ASPHALT
FIELD FENCE/CHAINLINK FENCE
COMMON YARD WALL/BLOCK WALL
RETAINING WALL
POWER OR TELEPHONE POLE
TREE

" KIMO ALLEY IMPROVEMENTS "
4TH ST. TO 5TH ST.
N/O CENTRAL

INDEX

SHT. 1 TITLE SHEET
SHT. 2 PLAN & PROFILE
SHT. 3 TYPICAL SECTION & DETAILS
SHT. 4 SIGN ELEVATION, FOUNDATION
& STRUCTURAL DETAILS
SHT. 5 CROSS SECTIONS



LOCATION MAP

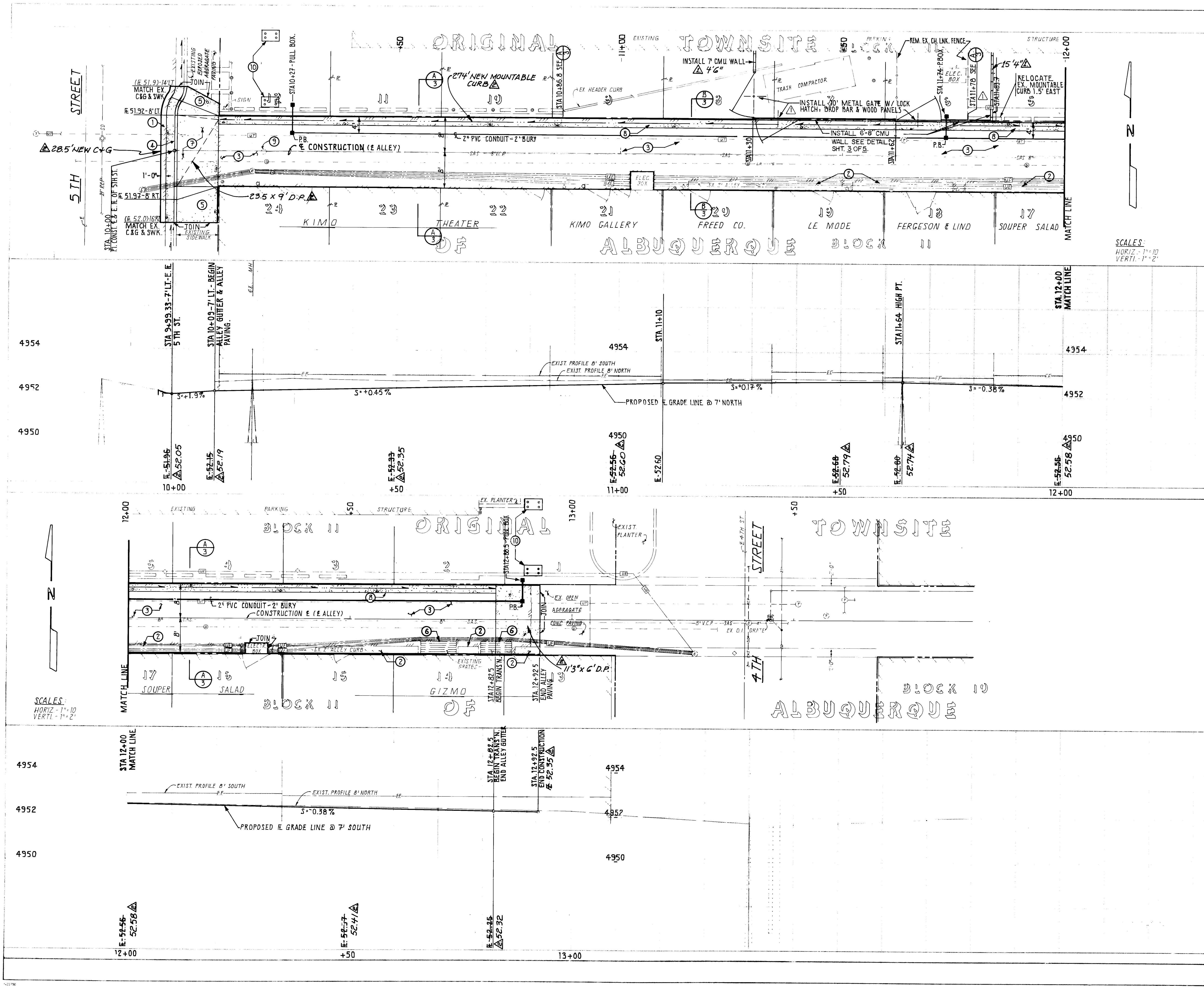
GENERAL NOTES:

1. 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 STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986.
2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
4. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
5. 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.
6. THE CONTRACTOR MUST SUBMIT A CONSTRUCTION SIGNING AND BARRICADING PLAN TO TRAFFIC ENGINEERING TO RECEIVE A BARRICADING PERMIT 48 HOURS PRIOR TO CONSTRUCTION.
7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
9. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
10. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
11. IF CURB IS DERESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
12. ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
13. ALL STATIONING SHALL BE BASED ON SURVEY BASELINE.
14. PAINTING FOR TRAFFIC STRIPING SHALL BE CONDUCTED BY OWNER.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							

APPROVAL OF AS-BUILT DRAWINGS
CHIEF ENGINEER
7-28-89

CITY OF ALBUQUERQUE	APPROVED FOR CONSTRUCTION
	PRINCIPAL ENGINEER DESIGN
DRAWING NO.	SHEET
3195	1 OF 5



CONSTRUCTION NOTES

- REMOVE AND REPLACE EXISTING ARTERIAL PAVING.
- REMOVE EXISTING PCC ALLEY CURB.
- REMOVE EXISTING ALLEY PAVING AND CONSTRUCT NEW ALLEY PAVING PER DETAILS ON SHEET 3.
- REMOVE AND REPLACE STANDARD CURB AND GUTTER.
- REMOVE AND REPLACE PCC SIDEWALK.
- REMOVE EXISTING ABANDONED SKYLIGHT GRATES. BACKFILL AND COMPACT TO FINISHED SUBGRADE.
- CONSTRUCT STANDARD ALLEY INTERSECTION PER COA STANDARD DRAWING 2428.
- CONSTRUCT STANDARD ALLEY GUTTER PER COA STANDARD DRAWING 2415.
- ADJUST EXISTING SAS MANHOLE TO FINISHED GRADE.
- INSTALL FOUNDATION & SIGN STRUCTURE PER ELEVATION & DETAILS ON SHEET 5. EXACT LOCATION TO BE APPROVED BY CITY CONSTRUCTION ENGINEER. NOT IN CONTRACT (N.I.C.)

AS BUILT INFORMATION

DATE: 4/15/88
BY: P. AQUAR
NO. DS-59

BENCH MARKS

ACS. BENCH MARK - 2-K14 - LOCATED IN DOWNTOWN ALBUQUERQUE AT 3RD ST & COPPER AVE. NW. IN N.W. QUADRANT OF THE INTERSECTION. STD. C.O.A. DICK SET IN A DRILLED HOLE IN THE SIDEWALK. UNDERGROUND MARK IS ABOUT 3' BELOW GROUND. "2-K14 ACS"

MICRO-FILM INFORMATION

DATE: 4/15/88
RECORDED BY: ALBUQUERQUE, NEW MEXICO
NO. AERIALLO COUNTY

ENGINEER'S SEAL

R.P. *[Signature]*
E.M. *[Signature]*

REVISIONS

NO.	DATE	REMARKS
1	2/10/88	DESIGN
2	4/15/88	REVISION

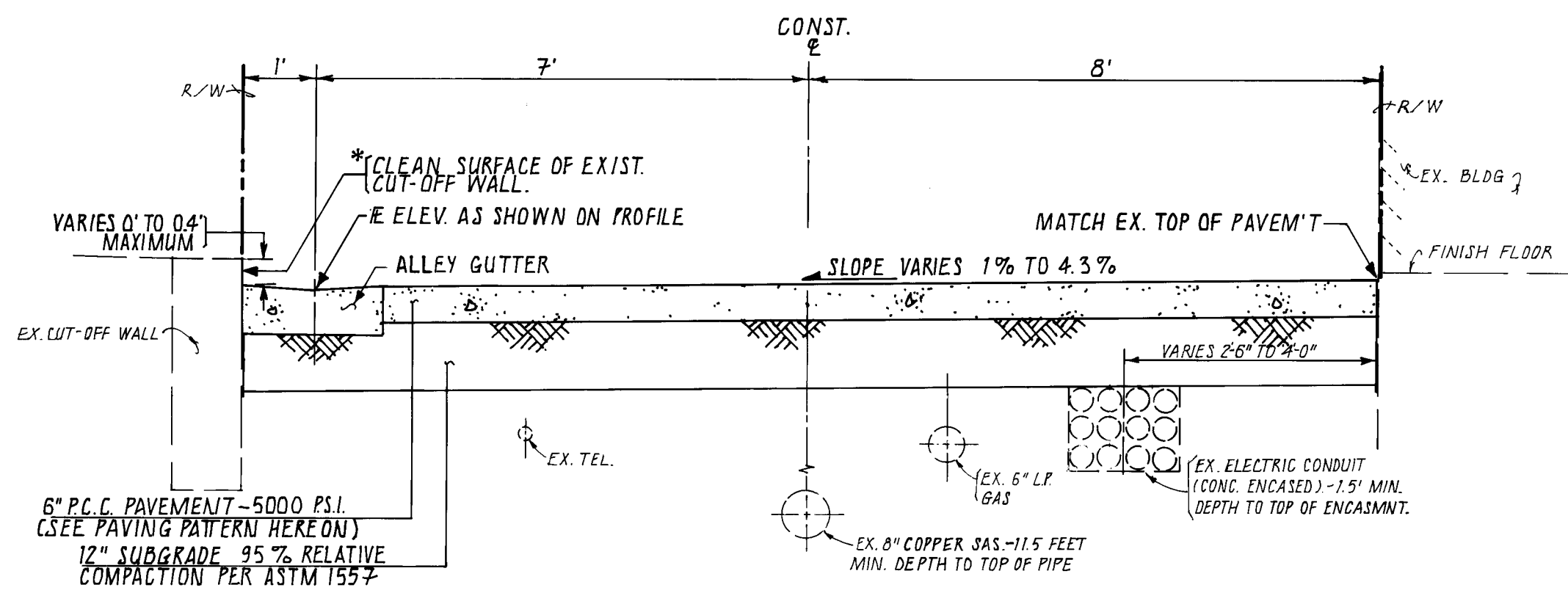
DESIGNED BY: R. PANG
DRAWN BY: M. J. ZAMORA
CHECKED BY: R. PANG

CITY OF ALBUQUERQUE
ENGINEERING DIVISION

TITLE
KIMO ALLEY IMPROVEMENTS
PLAN & PROFILE - STA. 10+00 TO STA. 12+92.5

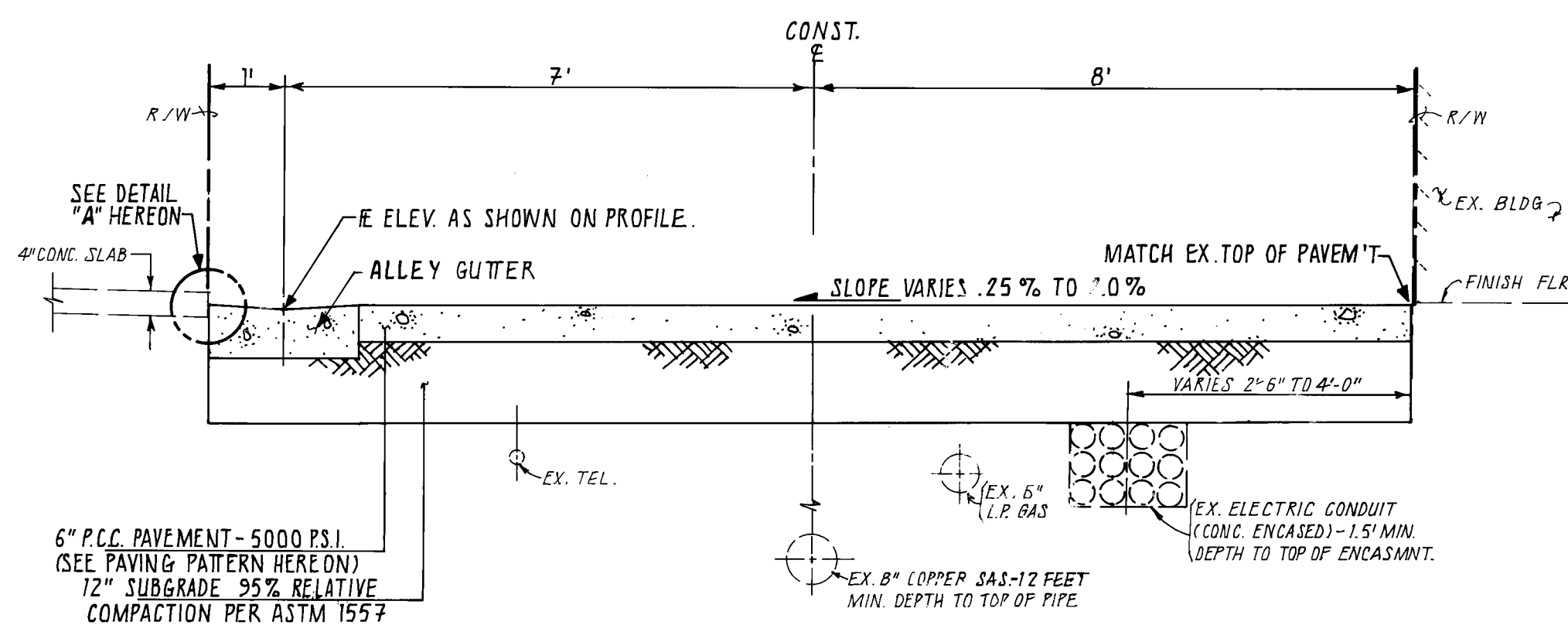
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	04/10/88	Trans. Dev.	<i>[Signature]</i>	4/14/88
Utility Dev.	PEGO	2/10/88			

DRAWING NO. 3195 **MAP NO.** K-14 **SHEET** 2 **OF** 5

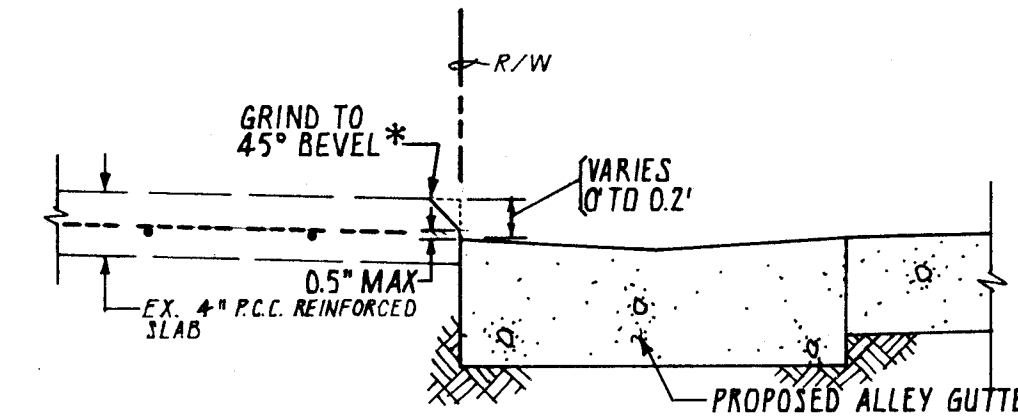


* COST FOR THIS WORK SHALL BE INCIDENTAL TO THE VARIOUS ITEMS OF WORK IN THIS CONTRACT.

A TYPICAL SECTION
STA. 10+09.0 TO STA. 10+86.8
STA. 11+78.0 TO STA. 13+05.0
Scale: 1" = 2'-0"



B TYPICAL SECTION
STA. 10+86.8 TO STA. 11+78.0
Scale: 1" = 2'-0"



* COST FOR THIS WORK SHALL BE INCIDENTAL TO THE VARIOUS ITEMS OF WORK IN THIS CONTRACT.

DETAIL 'A'
N.T.S.

BOMANITE/BOMACRON SPECIFICATIONS

Project Requirements:

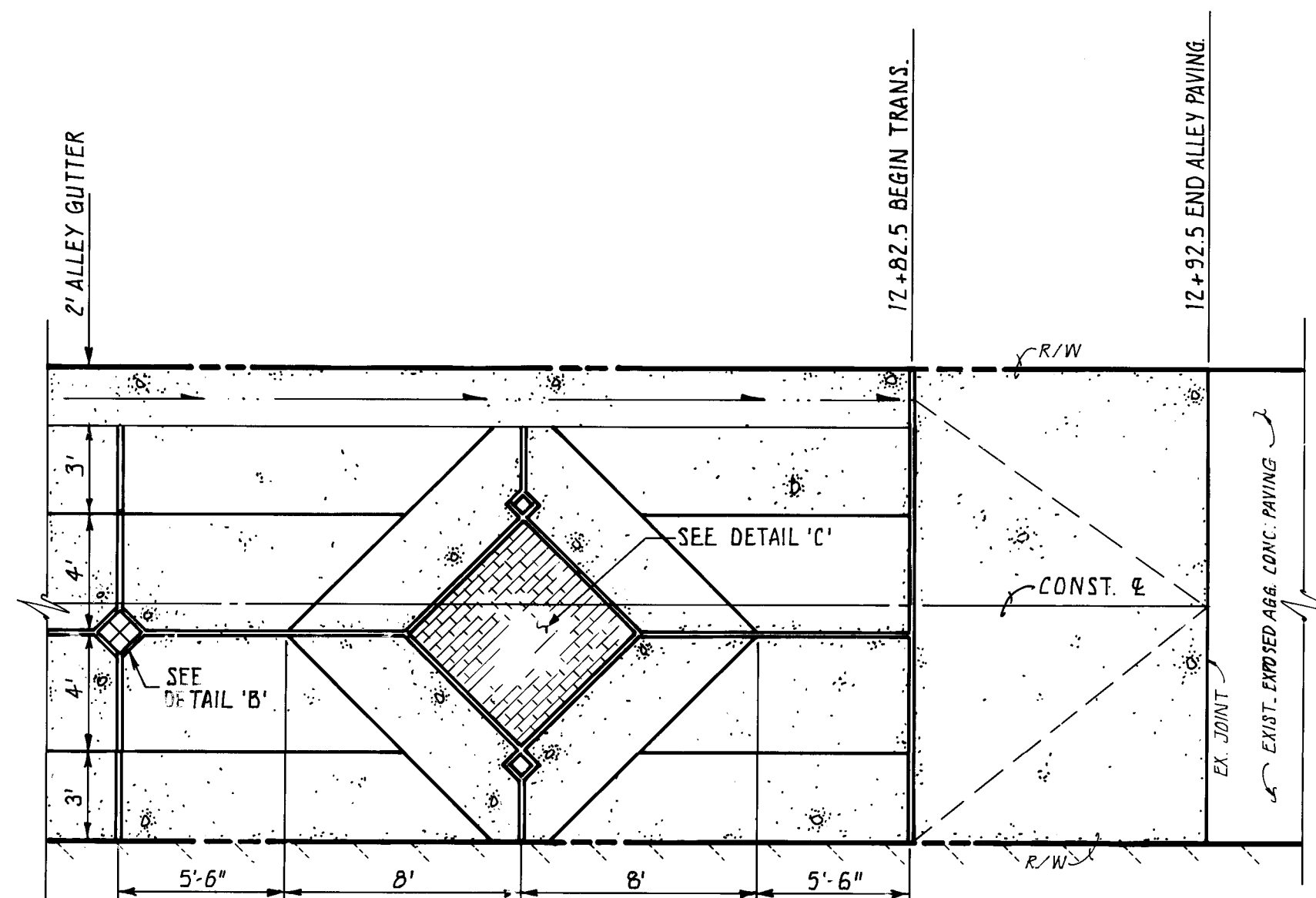
- Concrete textured paving shall be installed by a licensed Bomanite Contractor, tooled and trained by Bomanite.
- The pattern and texture shall be as shown on details stamped with elastomeric tools to a depth of 1/2" as approved by the engineer.
- The color shall match existing 4th Street Mall pavers and shall be Lithochrome color hardener manufactured by the L.M. Scofield Co. and clearly labeled "Bomanite Approved".
- The colored curing compound shall be Lithochrome color wax to match existing 4th Street Mall pavers as manufactured by L.M. Scofield Co. and clearly labeled "Bomanite Approved".

Installation Requirements:

- The concrete mix shall be placed and screeded to the proper grade and wood floated to a uniform surface in the normal manner.
- Color hardener shall be applied evenly to the plastic surface by the dry-shake method using a minimum of 60 pounds per 100 square feet. It shall be applied in two shakes, wood floated after each, and troweled only after the final floating.
- While the concrete is still in the plastic stage of set, the imprinting tools shall be applied to make the desired patterned surface.
- Colorwax in compliance with ASTM C309 and in the color specified hereon thinned in the proportion of 4 parts wax to 3 parts mineral spirits (Paint Thinner), shall then be applied uniformly with a roller or motor driven power sprayer for curing. The coverage shall be approximately 600 to 650 square feet per gallon of unthinned colorwax.

Payment and Measurement:

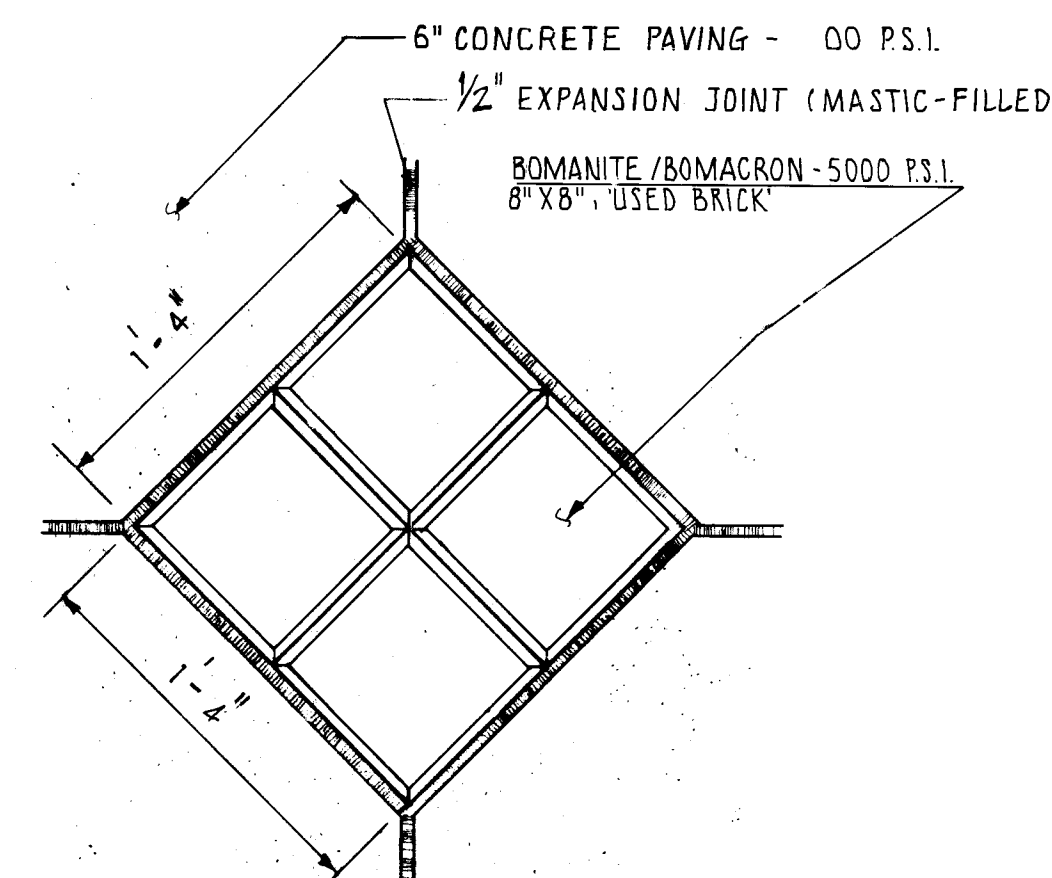
- Payment shall be per square foot of patterned concrete installed.



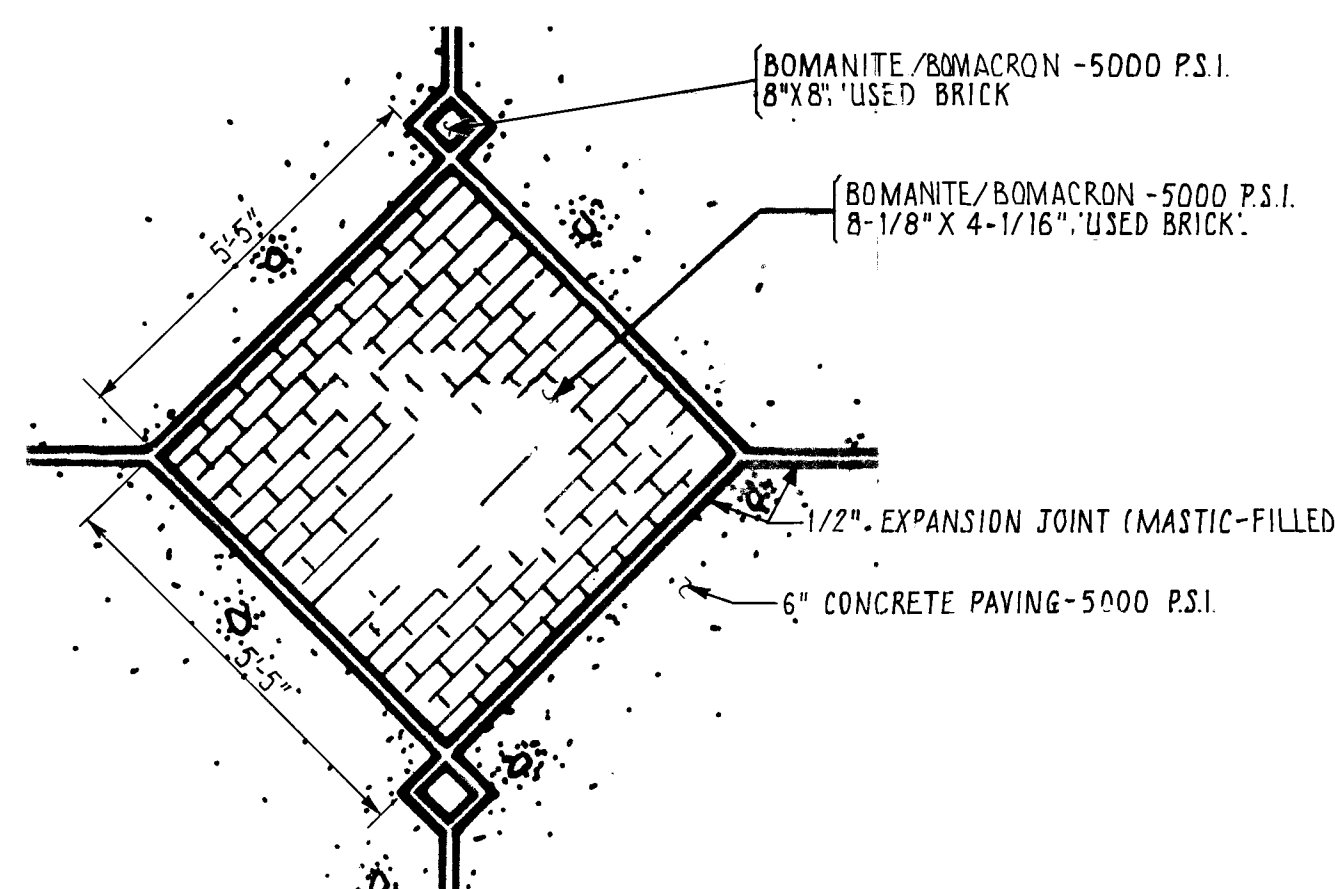
LEGEND:

- Control Joint
- Expansion Joint
- Bomanite Bomanite Per Details & Requirements Hereon

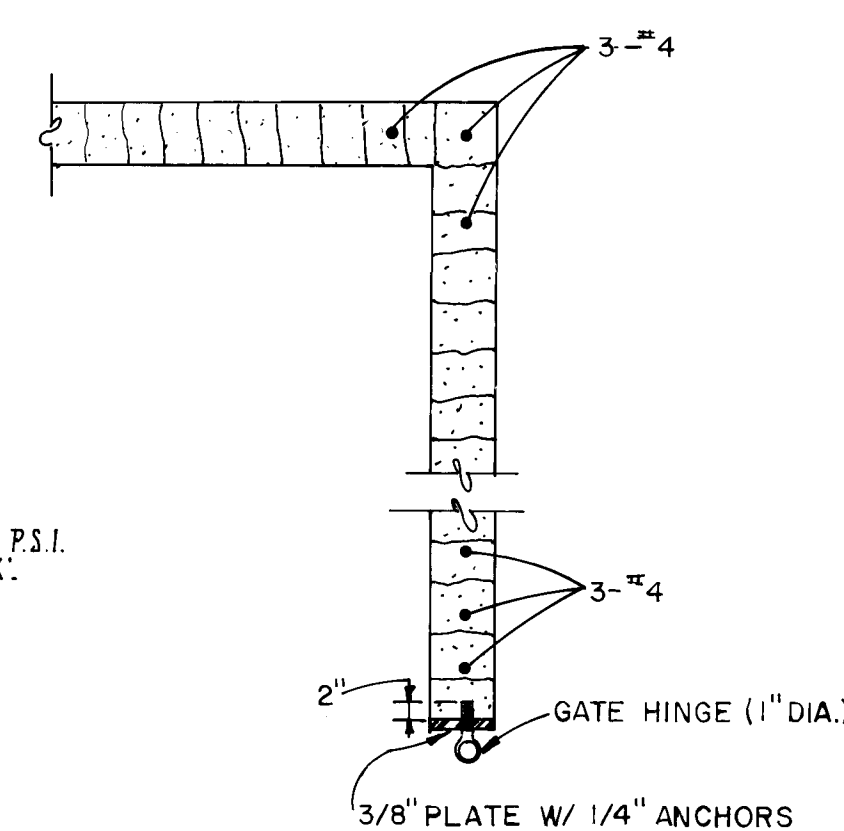
PAVING PATTERN (TYPICAL)
SCALE: 1" = 5'



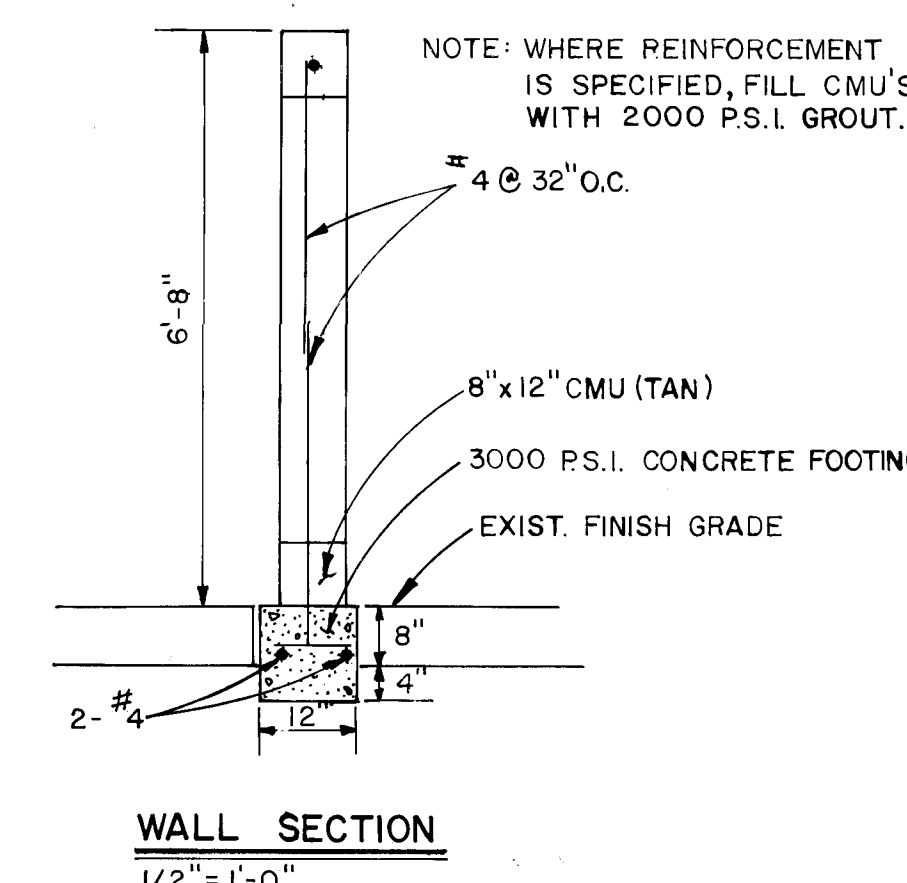
DETAIL 'B' (TYP.)
N.T.S.



DETAIL 'C' (TYP.)
N.T.S.



PLAN (CMU WALL)
TYPICAL



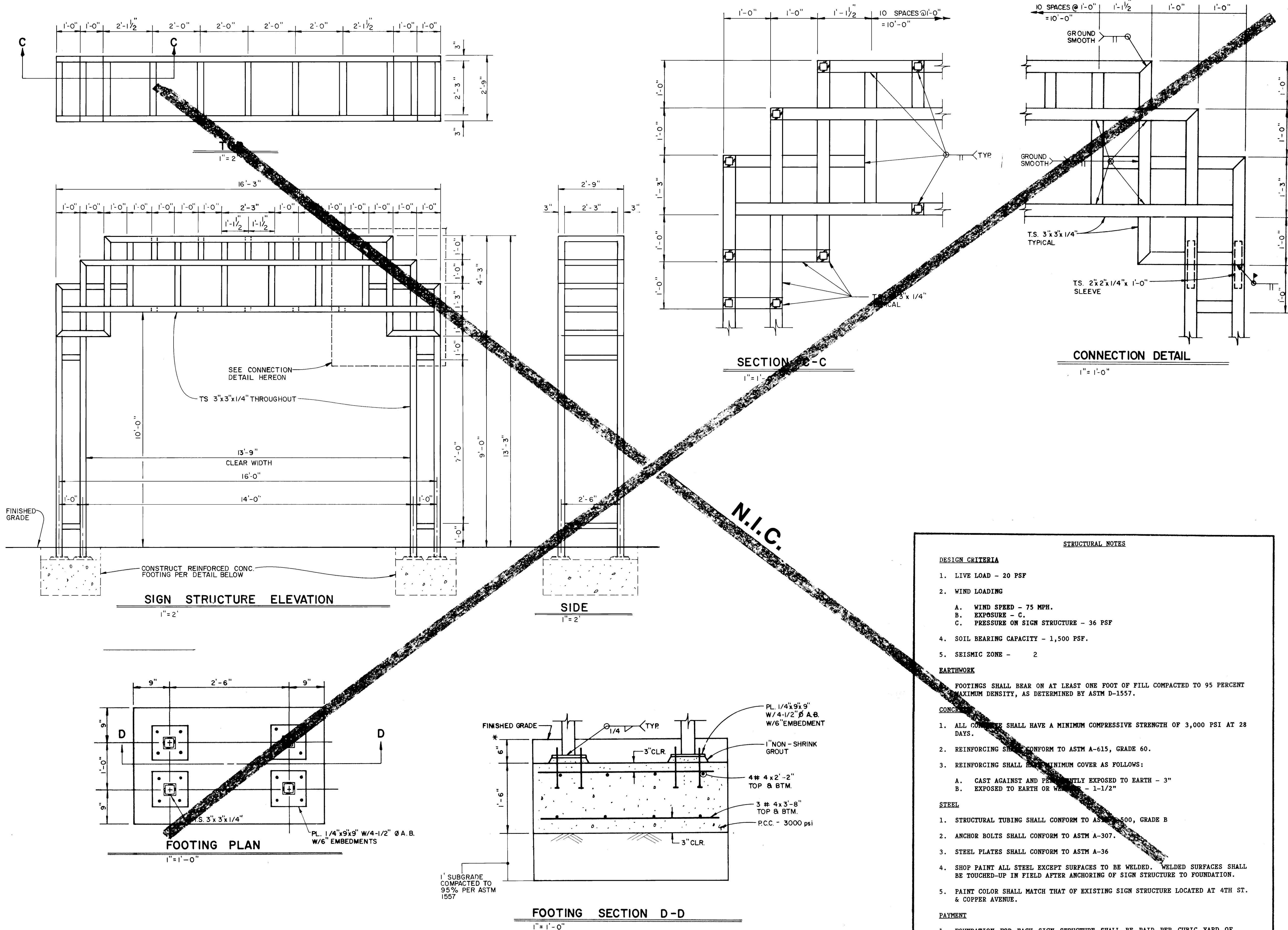
WALL SECTION
1/2" = 1'-0"

AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	WORKS BY	DATE	CONTRACTOR	WORKS BY	DATE	NO.	BY	DATE	NO.	BY	DATE
INSPECTOR'S	ACCEPTANCE BY	DATE	INSPECTOR'S	ACCEPTANCE BY	DATE						
FIELD	FIELD	DATE	FIELD	FIELD	DATE						
DRAWINGS	DRAWINGS	DATE	DRAWINGS	DRAWINGS	DATE						
COMPILED BY	COMPILED BY	DATE	COMPILED BY	COMPILED BY	DATE						
RECORDED BY	RECORDED BY	DATE	RECORDED BY	RECORDED BY	DATE						

Raymond Pang
N.M.P.E. NO. 9889
RAYMOND PANG

REVISIONS			DESIGN		
NO.	DATE	REMARKS	NO.	DATE	REMARKS
1	1/86		1	1/86	
2	1/88		2	1/88	
3	1/88		3	1/88	

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: KIMO ALLEY IMPROVEMENTS TYPICAL SECTION & DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	02/10/88			
Trans. Dev.	<i>[Signature]</i>	2/10/88			
Utility Dev.	<i>[Signature]</i>	2/10/88			
DRAWING NO. 3195		MAP NO. K-14		SHEET 3 OF 5	



DESIGN CRITERIA

1. LIVE LOAD - 20 PSF
2. WIND LOADING
 - A. WIND SPEED - 75 MPH.
 - B. EXPOSURE - C.
 - C. PRESSURE ON SIGN STRUCTURE - 36 PSF
4. SOIL BEARING CAPACITY - 1,500 PSF.
5. SEISMIC ZONE - 2

EARTHWORK

FOOTINGS SHALL BEAR ON AT LEAST ONE FOOT OF FILL COMPACTED TO 95 PERCENT MAXIMUM DENSITY, AS DETERMINED BY ASTM D-1557.

CONCRETE

1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.
3. REINFORCING SHALL HAVE MINIMUM COVER AS FOLLOWS:
 - A. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH - 3"
 - B. EXPOSED TO EARTH OR WEATHER - 1-1/2"

STEEL

1. STRUCTURAL TUBING SHALL CONFORM TO ASTM A-500, GRADE B
2. ANCHOR BOLTS SHALL CONFORM TO ASTM A-307.
3. STEEL PLATES SHALL CONFORM TO ASTM A-36
4. SHOP PAINT ALL STEEL EXCEPT SURFACES TO BE WELDED. WELDED SURFACES SHALL BE TOUCHED-UP IN FIELD AFTER ANCHORING OF SIGN STRUCTURE TO FOUNDATION.
5. PAINT COLOR SHALL MATCH THAT OF EXISTING SIGN STRUCTURE LOCATED AT 4TH ST. & COPPER AVENUE.

PAYMENT

1. FOUNDATION FOR EACH SIGN STRUCTURE SHALL BE PAID PER CUBIC YARD OF REINFORCED CONCRETE COMPLETE IN PLACE, INCLUDING SUBGRADE COMPACTION.
2. SIGN STRUCTURE SHALL BE PAID PER EACH AS SHOWN ON THESE DRAWINGS AND SHALL INCLUDE ALL INCIDENTALS NEEDED TO ERECT SIGN STRUCTURE COMPLETE IN PLACE.

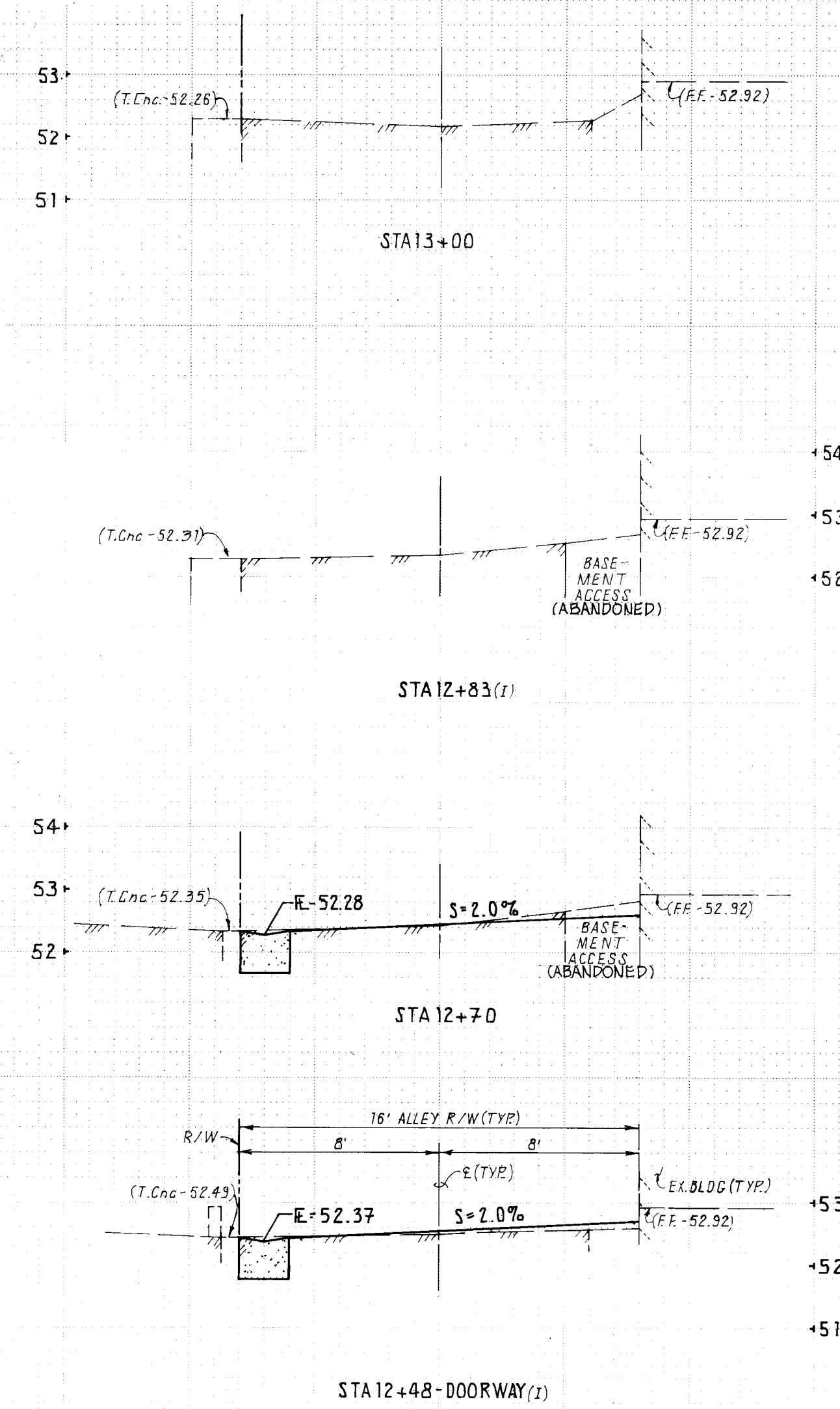
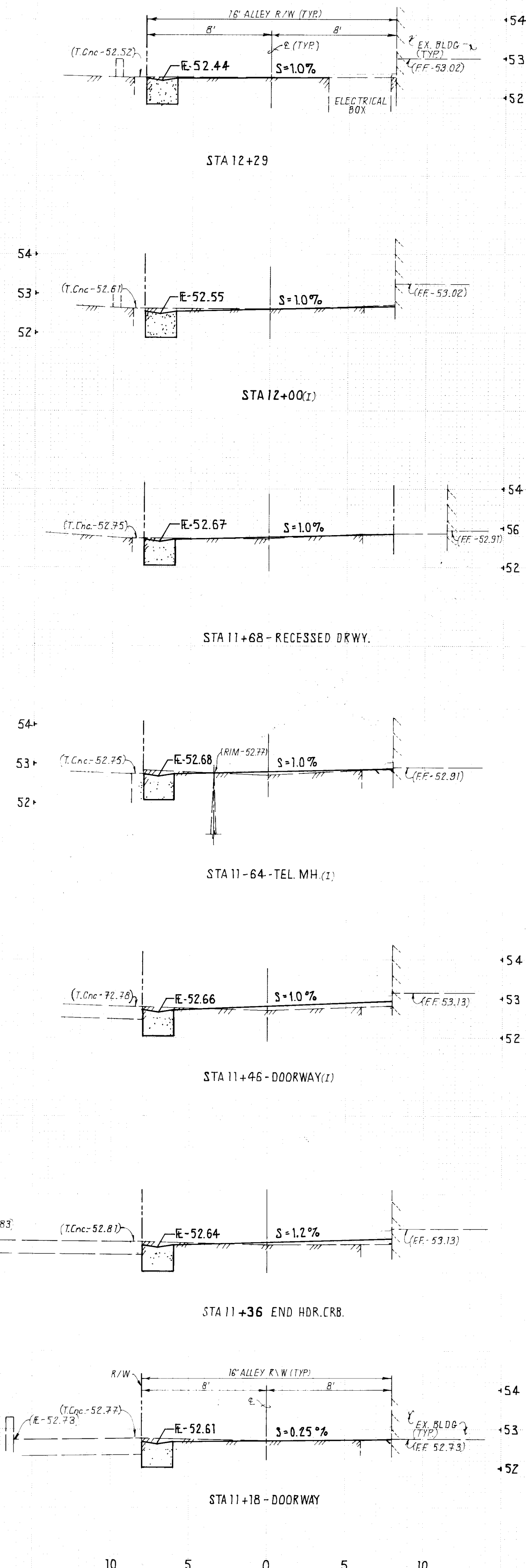
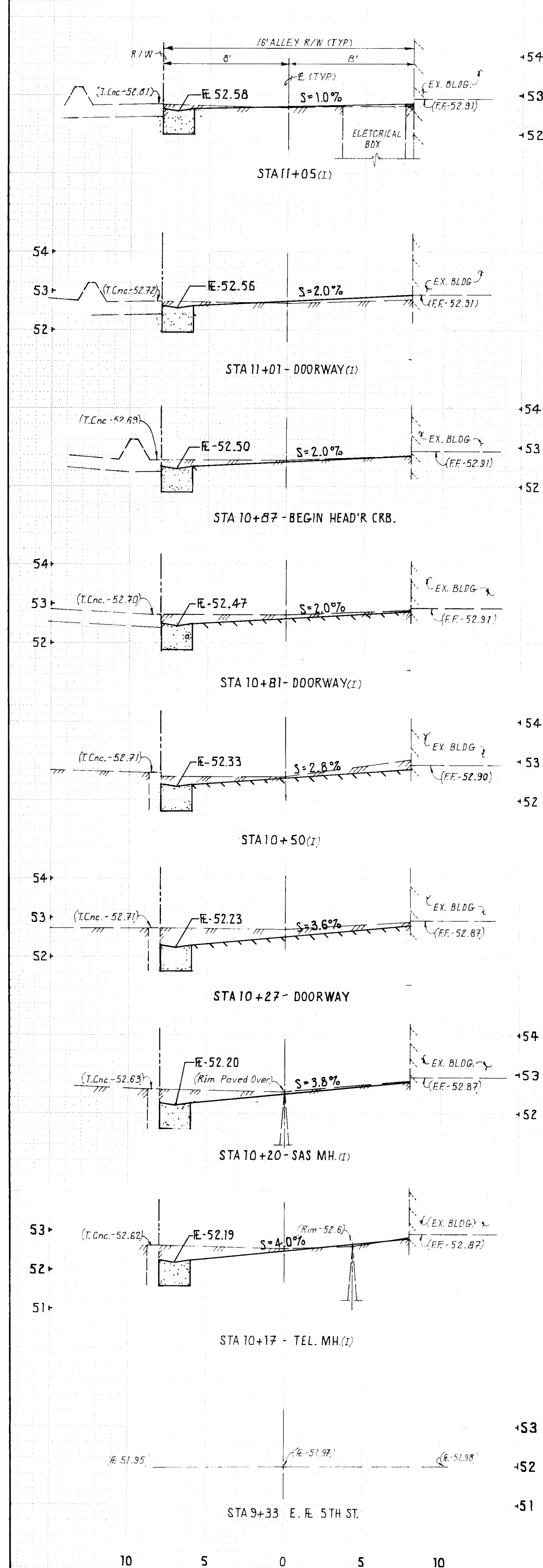
AS BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE		24-14 Station is located downtown Albuquerque at 3rd St. and Copper Ave. N.W. in the N.W. quadrant of the intersection, 7.5 ft. west of the back of curb on 3rd St. and 7.5 ft. north of the curb on Copper Ave.			NO.	BY	DATE			
WORKED BY	DATE					10-28-87	Pete Aguilar	10-28-87			
INSPECTED BY	DATE										
ACCEPTANCE BY	DATE										
DRAWINGS BY	DATE										
VERIFICATION BY	DATE										
CONTRAINED BY	DATE										
MICRO-FILM INFORMATION	DATE										
RECORDED BY	NO.										

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: KIMO ALLEY IMPROVEMENTS
SIGN ELEVATION, FOUNDATION & STRUCTURAL DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair		02/10/88			
Trans. Dev.		2/10/88			
Utility Dev.		2/10/88			

DRAWING NO. 3195 MAP NO. K-14 SHEET 4 OF 4



SCALE: HORIZ. = 1" = 10'
VERT. = 1" = 2'

CITY OF ALBUQUERQUE					
ENGINEERING DIVISION					
TITLE:					
KIMO ALLEY IMPROVEMENTS					
CROSS SECTIONS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	01/10/88	Trans. Dev.	<i>[Signature]</i>	4/14/81
Utility Dev.	<i>[Signature]</i>	2/10/88			
DRAWING NO.		3195	MAP NO.	K-14	SHEET 5 OF 5