

PAVING PLANS FOR
ALLEY BETWEEN BROADWAY AND TOPEKA
FROM ENGLISH TO WILLIAM
 IMPROVEMENTS

PROJECT NO.
472-82404

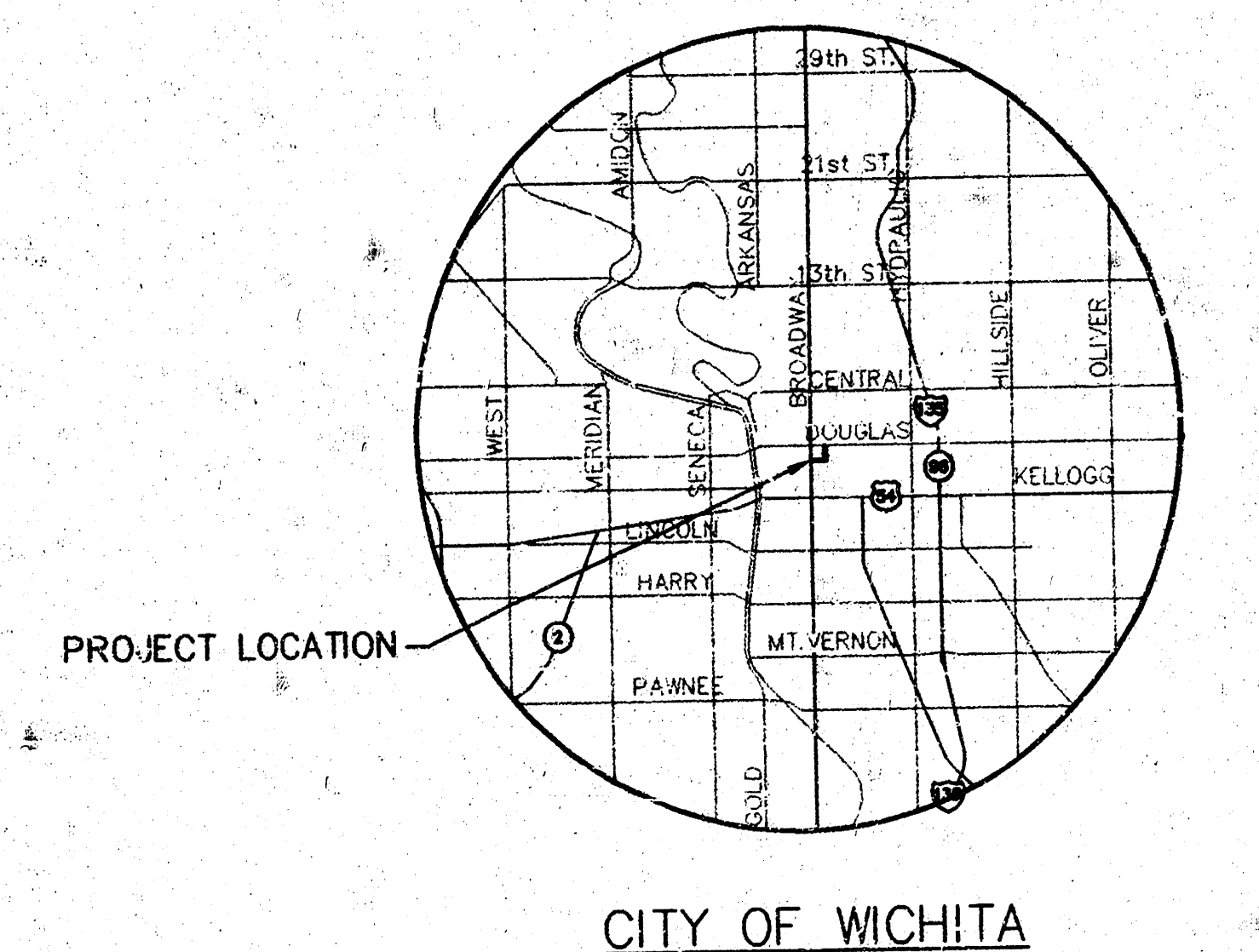
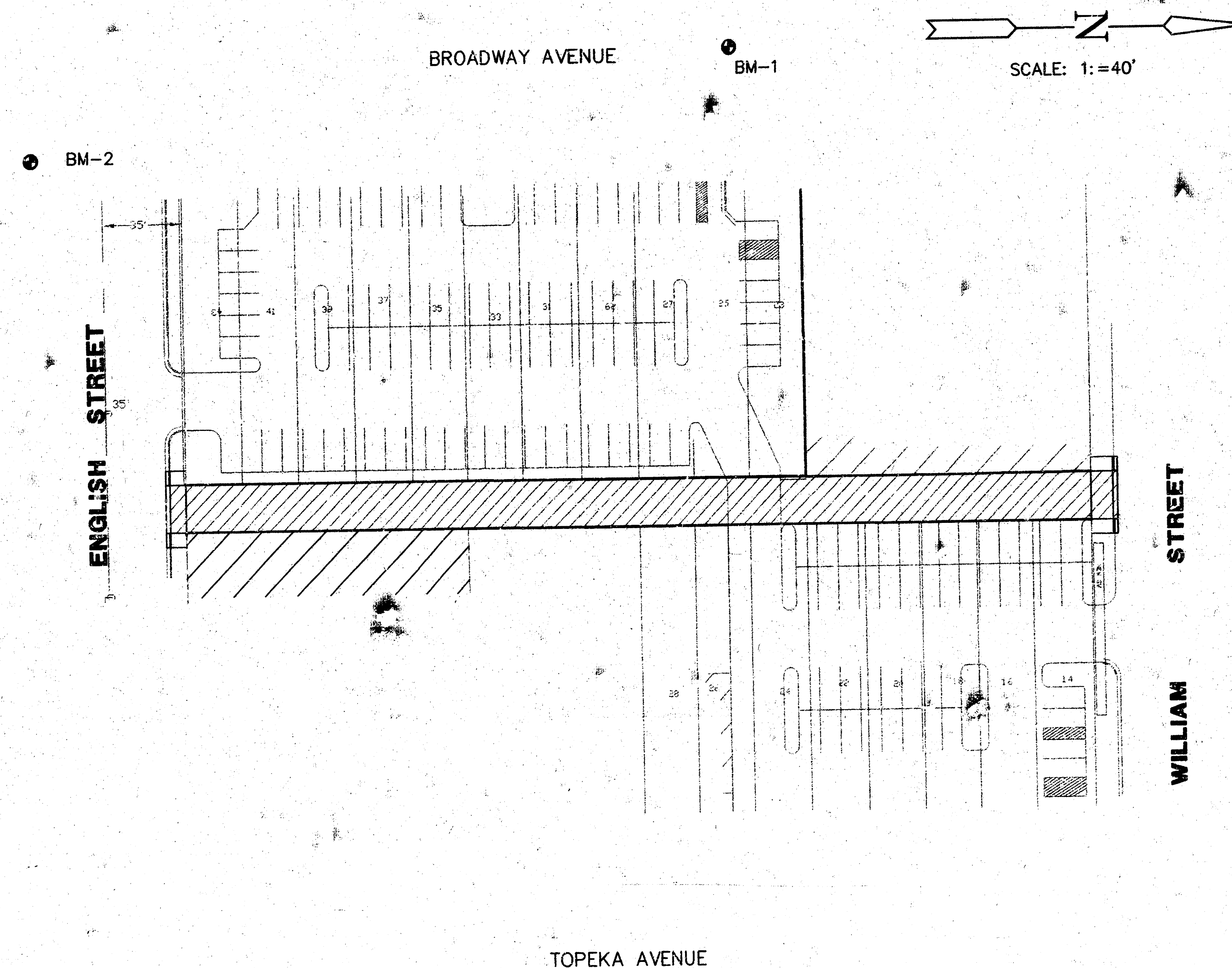
CITY OF WICHITA, KANSAS
 MICHAEL E. LINDEBAK, CITY ENGINEER

INDEX NO.
 762252

INDEX TO DRAWINGS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES AND JOINT DETAIL
	TYPICAL SECTION, PAVING &
	INTERSECTION DETAILS
3	ALLEY PAVING PLAN
4	TRAFFIC CONTROL PLAN
5-6	CROSS-SECTIONS

BENCHMARKS	
BM #1	"□" CUT ON TOP OF CURB ON WEST SIDE OF BROADWAY, 33.8' N. & 10.7' E. OF THE N.E. COR. PETROLEUM BUILDING, 221 S. BROADWAY. ELEV. = 110.485
BM #2	"□" CUT ON S.E. CORNER OF CONCRETE TRAFFIC SIGNAL POLE BASE ON S.E. CORNER OF BROADWAY AND ENGLISH. ELEV. = 110.53



REVISED BY CITY OF WICHITA 6/99

	ALLEY BETWEEN BROADWAY AND TOPEKA		Design by PAF
	PAVING PLANS		Drawn by PAF
			Checked by
			Date
MID-KANSAS ENGINEERING CONSULTANTS, INC. 3500 N. ROCK ROAD #800 WICHITA, KANSAS 67226			PH 638-5568
			Sheet 1 of 6

GENERAL NOTES

1. CONTRACTOR SHALL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:
KANSAS ONE-CALL 1-800-344-7235

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-571-2115
CABLEVISION	262-4270 OR 263-2081
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER & SEWER	268-4963
APRCA	942-8350
WESTERN UNION-ACCESS TRANSMISSION SERVICE (BARRY DILLINGTON)	214-816-6757
CITY OF WICHITA TRAFFIC MAINTENANCE (BILL LOVELAND)	268-4033

2. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND /OR TENANTS OF DEVELOPED PROPERTY ADJACENT THE PROJECT LIMITS A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.
- UTILITY SERVICE LINES FOR VALVE BOXES, METERS, AND EXTERIOR ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS OR CONTRACT DOCUMENTS SPECIFICALLY IDENTIFY UTILITY LOCATIONS AND DEPT. OF PUBLIC WORKS HAS LOCATED ALL EXISTING UTILITIES AND THEIR LOCATION. AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR THE RIGHT. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

4. ALL ADJACENT BUILDINGS, STRUCTURES, PARKING LOTS, DRIVES, STREET PAVEMENTS, UTILITY LINES, UTILITY STRUCTURES AND APPURTENANCES OTHER THAN SHOWN FOR REPLACEMENT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION OF THE PROJECT. DAMAGED ITEMS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. SHEETING AND SHORING MAY BE REQUIRED TO PROTECT THE ITEMS MENTIONED ABOVE.

5. A FULL DEPTH SAW CUT OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ADJACENT AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL DEPTH REPAIRS OF THAT COURSE OR PAVEMENT IS REQUIRED. SAID Joints TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINTS WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO THE EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED AS SUPPLEMENTARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

6. RIBBLE FROM REMOVAL OF PAVEMENT, MISCELLANEOUS STRUCTURES AND EXCESS EXCAVATION WASTE IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT ARE NOT APPROVED BY THE ENGINEER WILL BE REJECTED. SITES NOT APPROVED BY THE ENGINEER WILL BE REMOVED. ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A PLANT PLUM OR DRAINAGE DITCH SHALL BE SUBJECT TO THE FOLLOWING RESTRICTIONS: MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND THE PERMITTED CONSTRUCTION LIMITS SHALL BE SUBJECT TO GEOLOGICAL INVESTIGATION (UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION).

7. THE CITY OF MONTANA'S SENIOR MAINTENANCE DIVISION OF THE DEPARTMENT OF WATER AND WASTE POLLUTION CONTROL HAS TELEPHONED SENIORS WITHIN THE LIMITS OF THE PROJECT. THE DIVISION SHALL BE NOTIFIED AND AFFORDED THE OPPORTUNITY TO RE-TELEPHONE SENIOR LINES AFTER SUBGRADE WORK HAS BEEN COMPLETED AND PRIOR TO PAYMENT CONSTRUCTION TO DETERMINE IF SUCH SENIOR LINES HAVE BEEN DAMAGED BY THE CONTRACTOR'S OPERATIONS. DAMAGED SENIOR LINES WILL BE REPAIRED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER. A CONTRACTOR'S REPAIR, TELEPHONE LOGS ARE AVAILABLE FOR INSPECTION, BY THE CONTRACTOR DURING NORMAL OFFICE HOURS AT THE SENIOR MAINTENANCE DIVISION'S OFFICE AT CITY HALL.

8. PROPERTIES WITHIN THE PROJECT LIMITS MAY HAVE PRIVATE IMPROVIZATIONS, I.E., SPRINKLER SYSTEMS, FIXTURES, PLANTERS, SIGNS, ETC., IN PUBLIC RIGHT-OF-WAY WHICH COMPLY WITH NEW CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REMOVE SUCH IMPROVIZATIONS SHOULD THEY NOT BE REMOVED BY THEIR OWNER AT THE TIME OF CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO SALVAGE ALL SPRINKLER HEADS, VALVES AND OTHER REUSABLE MATERIALS AND HAVE THEM REPAIRED OR REBUILT AND RETURNED TO THE OWNER. WHEN NEW CONSTRUCTION SHALL BE PROTECTED FROM DAMAGE AND SHALL REMAIN IN PLACE. ALL WORK IN CONNECTION WITH REMOVAL OF THESE ITEMS SHALL BE CONSIDERED AS SUBSIDIARY TO "CLEARING RIGHT-OF-WAY AND SITE PREPARATION".

9. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A REGISTERED SURVEYOR IN ACCORDANCE WITH STATE LAWS.

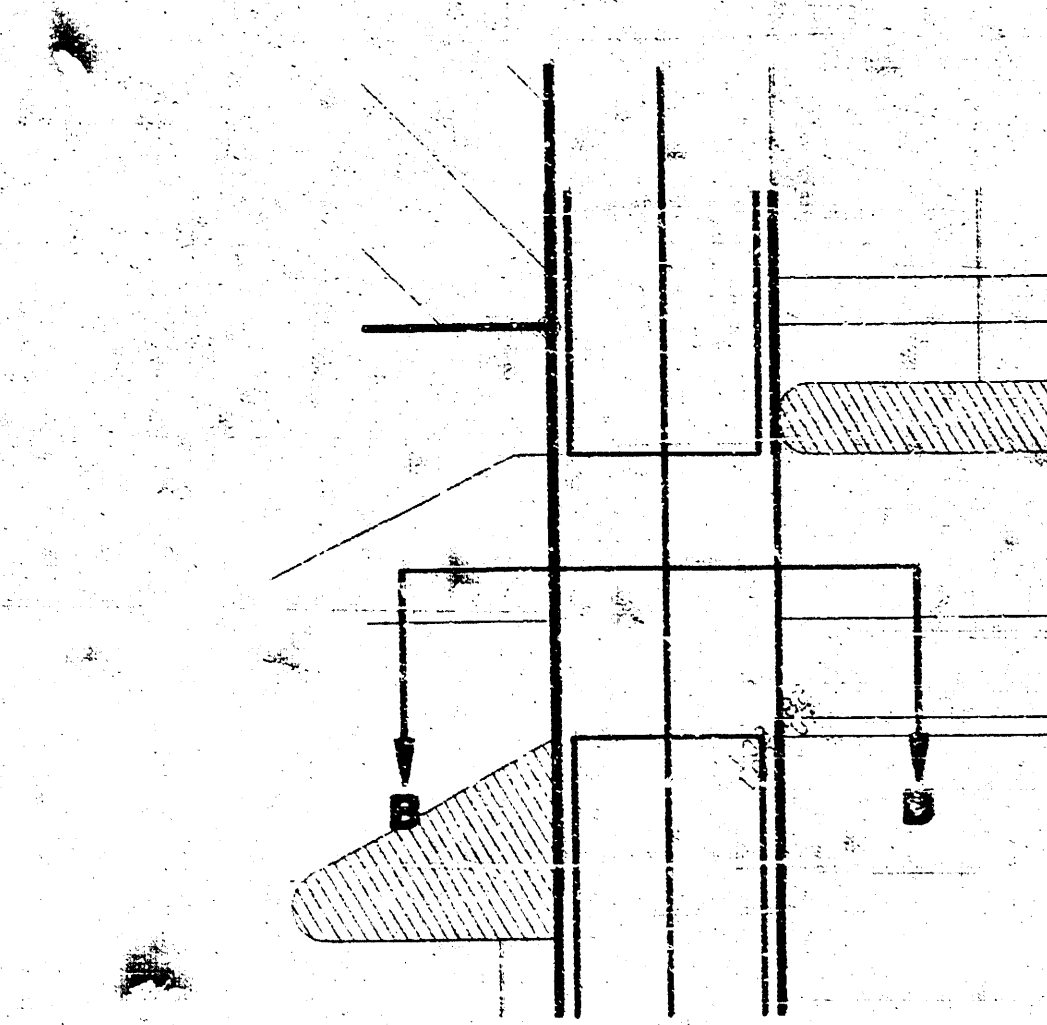
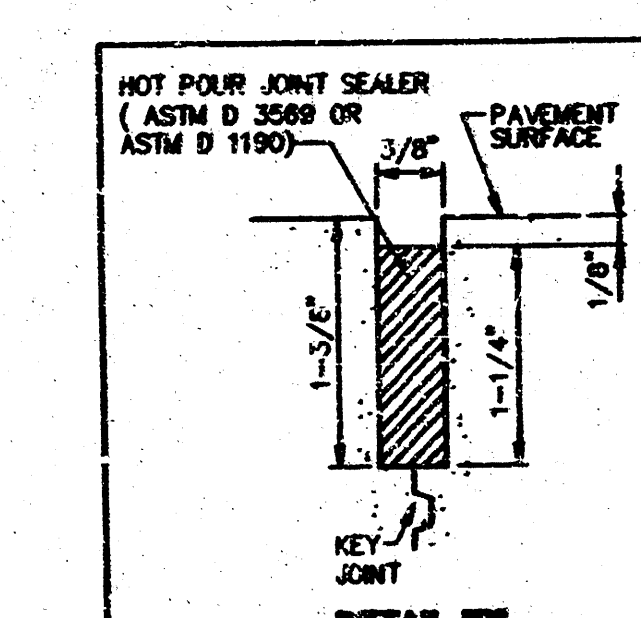
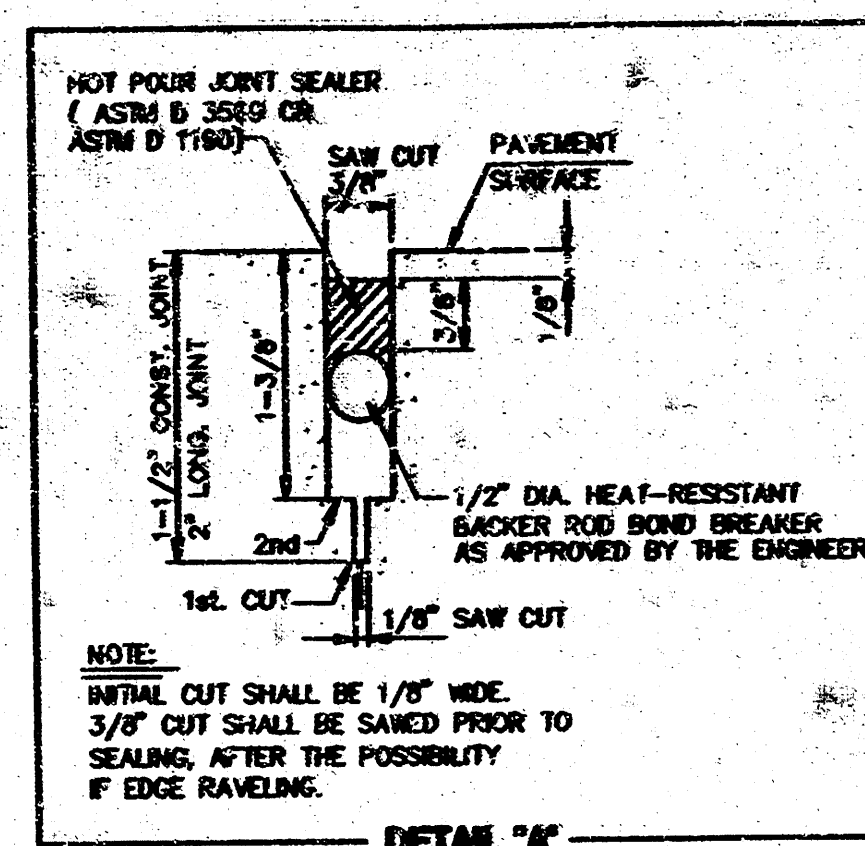
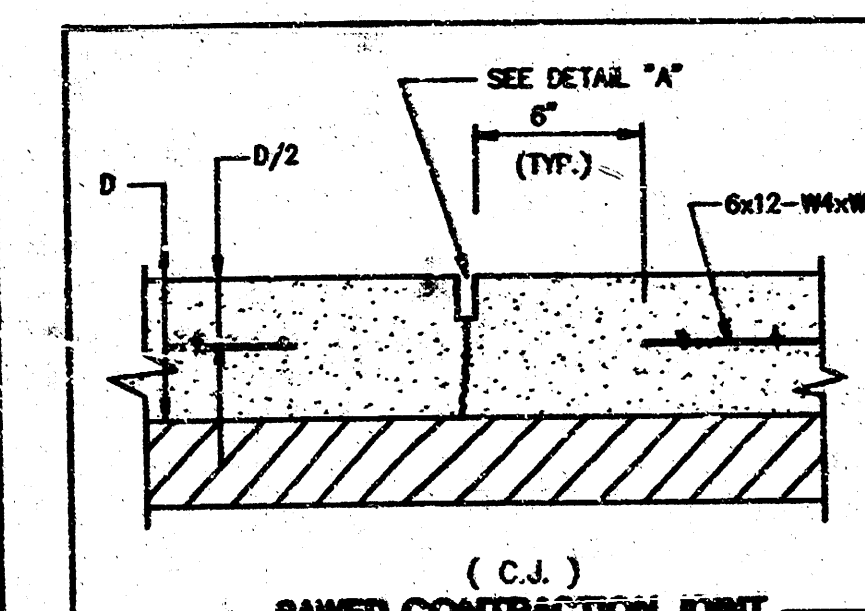
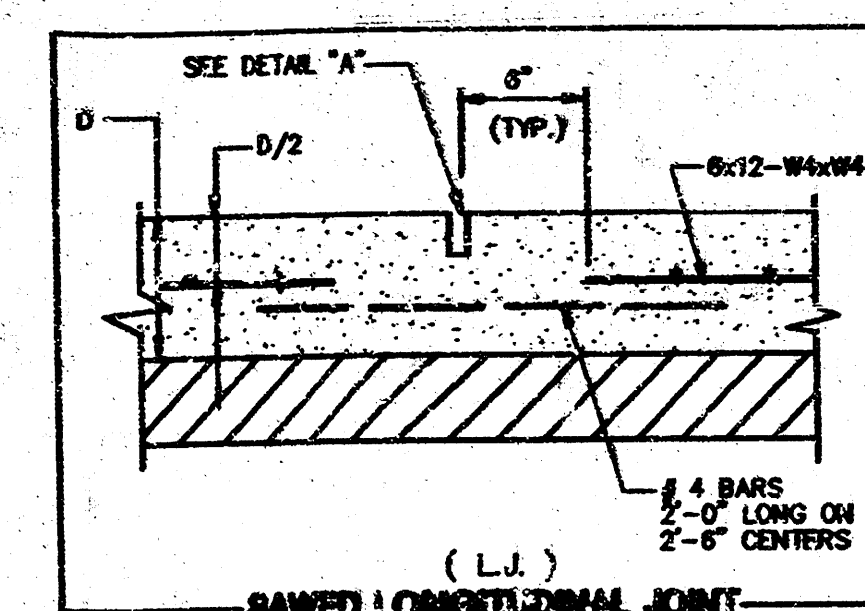
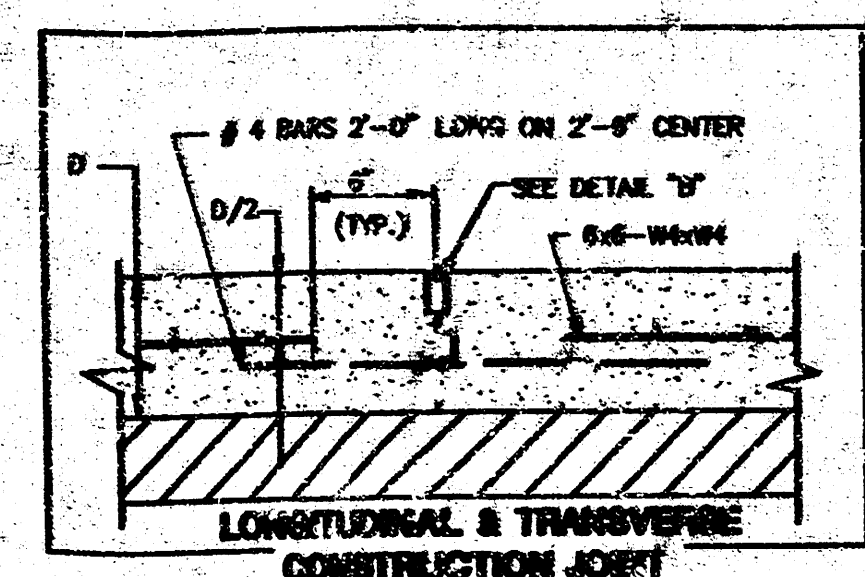
11. THE CONTRACTOR SHALL ADJUST WATER VALVE AND FIRE HYDRANTS AS DIRECTED BY THE ENGINEER. THE WATER DEPARTMENT SHALL FIELD LOCATE WATER VALVES ONE TIME DURING CONSTRUCTION AS REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES OR FIRE HYDRANTS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT HIS OWN EXPENSE.

12. THE CONTRACTOR SHALL INSTALL TYPE II BARRICADES AT THE ENTRANCES TO THE ALLEY FROM ENGLISH AND MILIAM STREETS. ALL TYPE II BARRICADES PLACED AROUND THE ALLEY SHALL BE SUITABLY DISTRIBUTED ACROSS THE ALLEY AND PROTECTED AT NIGHT BY APPROVED YELLOW FLAS LIGHTS. THE LIGHTS SHALL BE KEPT BURNING FROM SUNSET TO SUNRISE. COST OF TYPE II BARRICADES SHALL BE SUBSIDIARY TO THE BID ITEM FOR TRAFFIC CONTROL. NOTIFY THE CITY'S TRAFFIC MAINTENANCE DEPARTMENT 14 DAYS PRIOR TO THE START OF CONSTRUCTION. ALSO, SIGN BARRICADES, AND TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE CURRENT M.U.T.C.D.

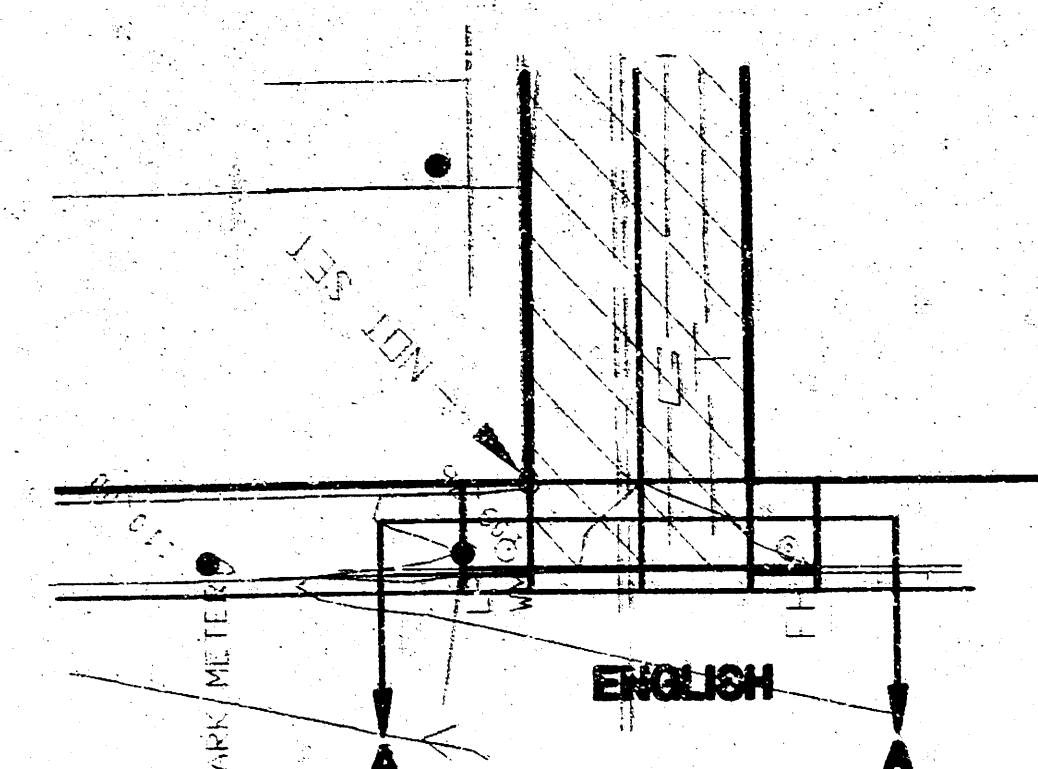
13. STREET SIGNS, STREET FURNITURE, ETCETERA REMOVED BY THE CONTRACTOR SHALL BE TAKEN TO THE CITY YARD FOR STORAGE.

14. INSTALL NEW STANDARD MANHOLE FRAMES AND COVERS ON ALL EXISTING STORM WATER AND SEWER MANHOLES LOCATED IN NEW PAVEMENT. OLD FRAMES AND COVERS SHALL BE TAKEN TO CITY YARD FOR SALVAGE.
15. ALL ELEVATIONS SHOWN ARE CITY DATUM. CITY DATUM = USGS MSL - 1187.40

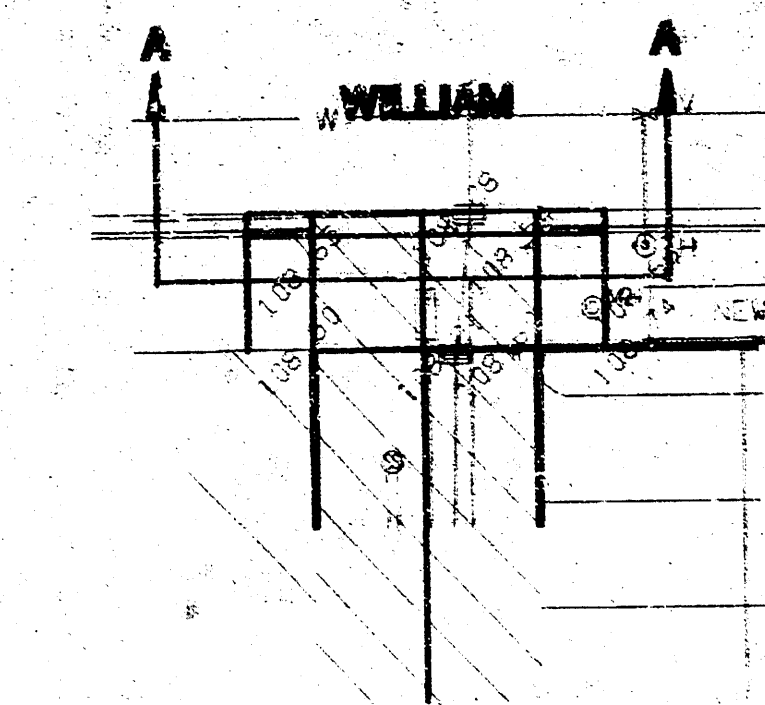
16. NOTIFY KG&E (BUDDY WARD, 261-8771 OR JAMES SCHMIDT, 261-6248) 48 HOURS PRIOR TO ANY WORK REQUIRING ACCESS TO KG&E VAULTS, MANHOLES, AND POWER SUPPLY LOCATIONS.



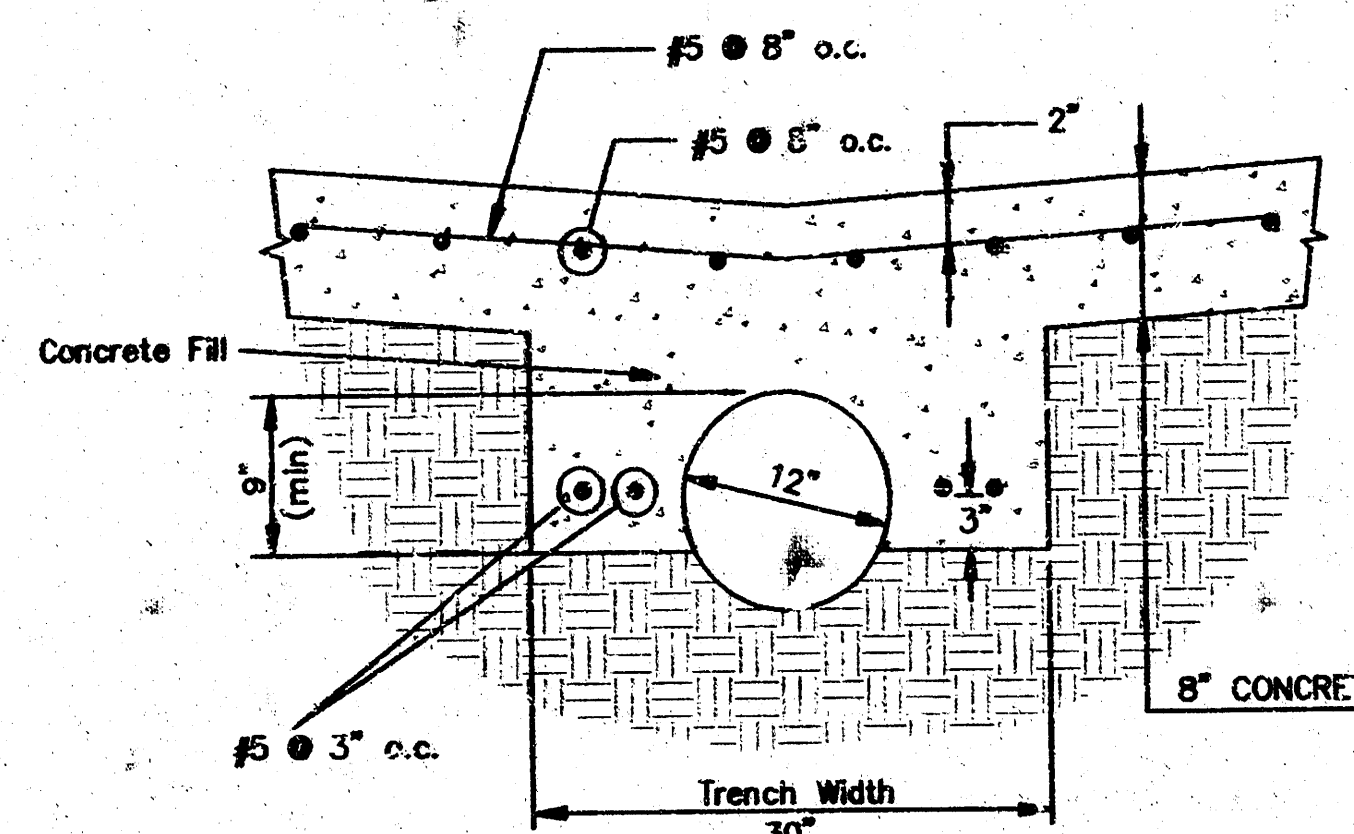
PAVING DETAIL FOR
ALLEY & LONG DRIVE
BETWEEN PARKING LOTS



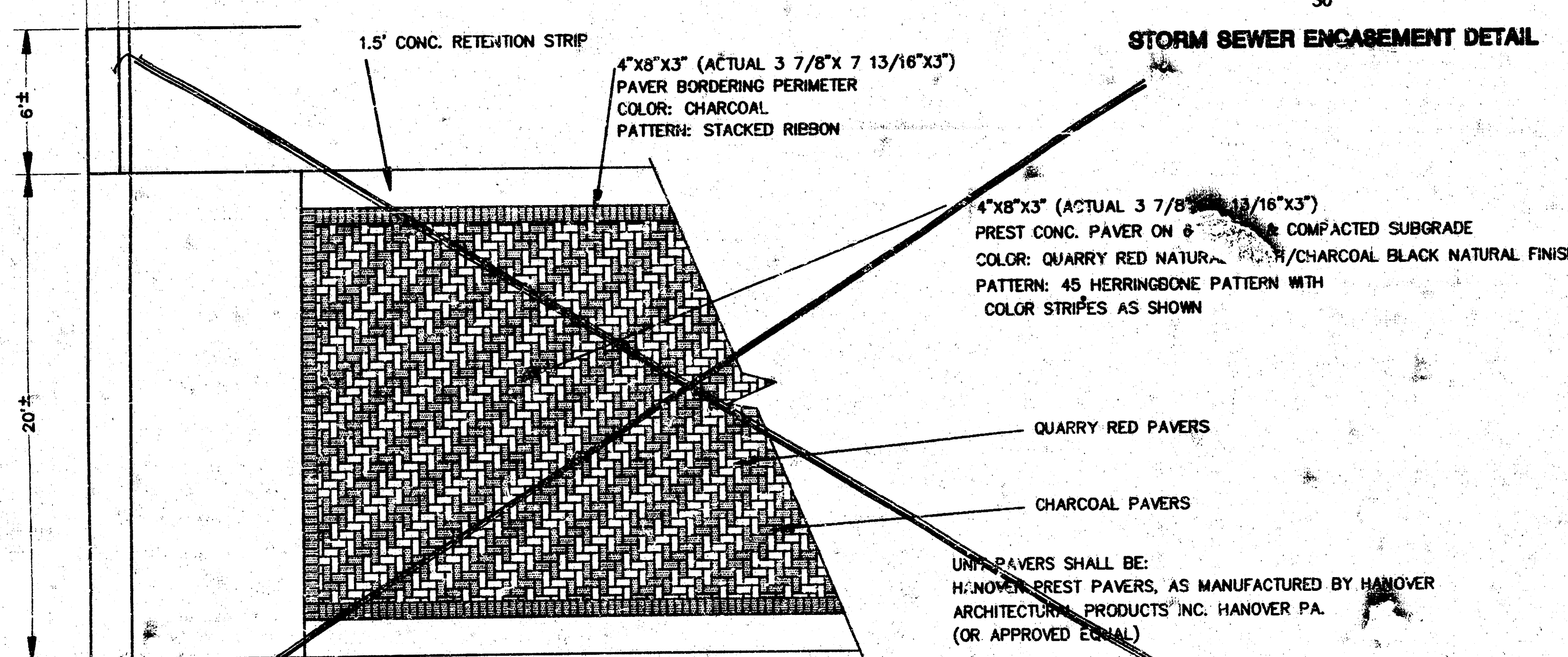
**PAYING DETAIL FOR
ALLEY • SOUTH INTERSECTION
WITH ENGLISH STREET**



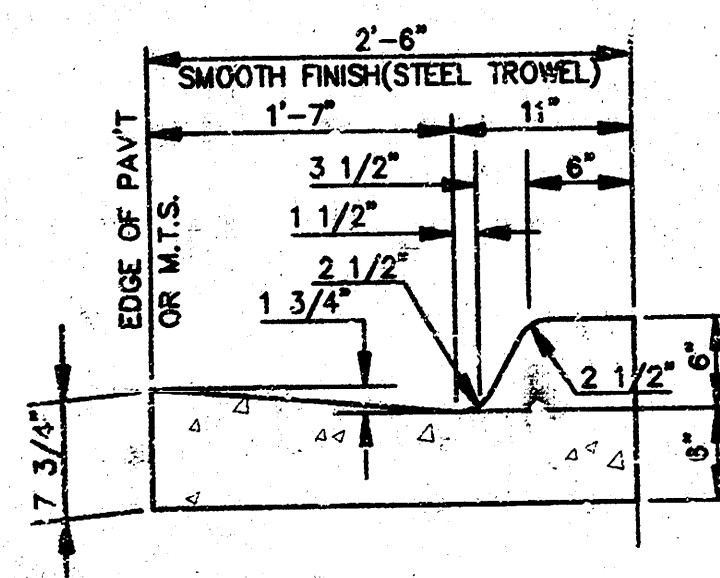
**PAYING DETAIL FOR
ALLEY • NORTH INTERSECTION
WITH WILLIAM STREET**



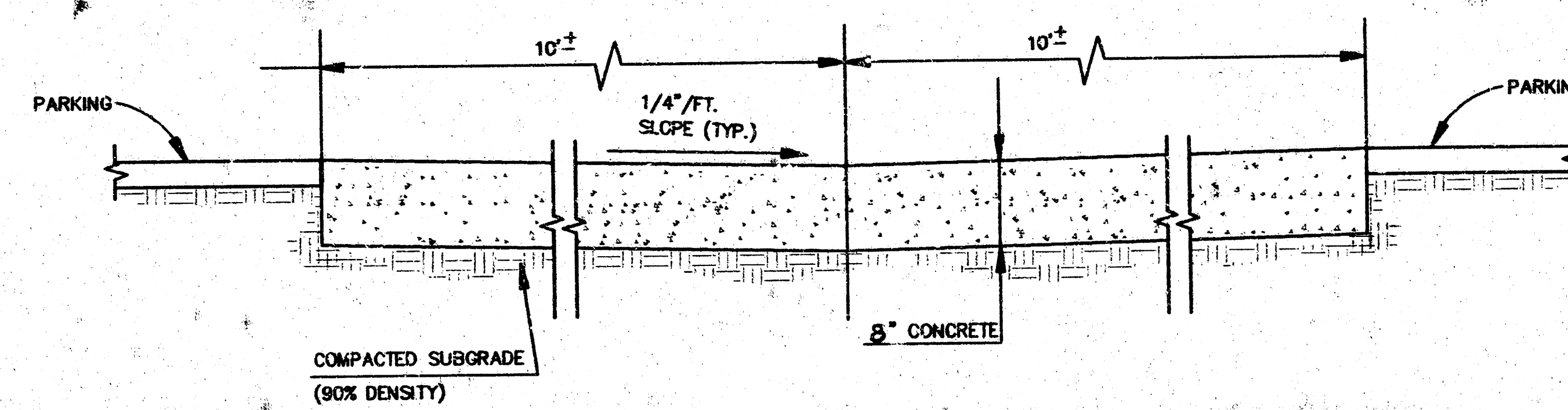
STORM SEWER ENCASEMENT DETAIL



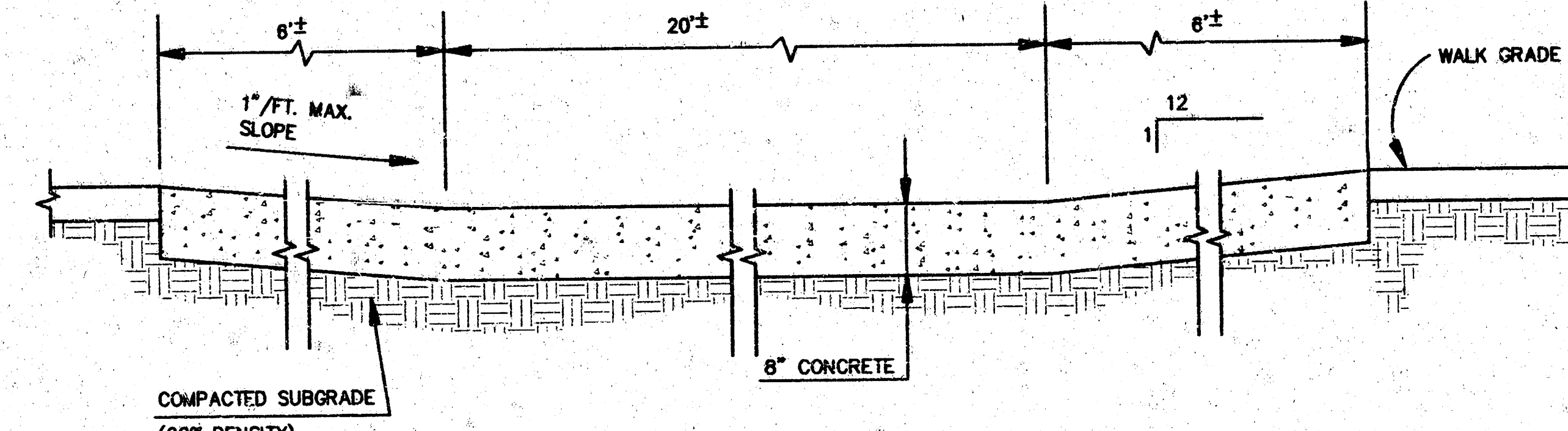
PAVER LAY-OUT DETAIL
SCALE: 1" = 5'



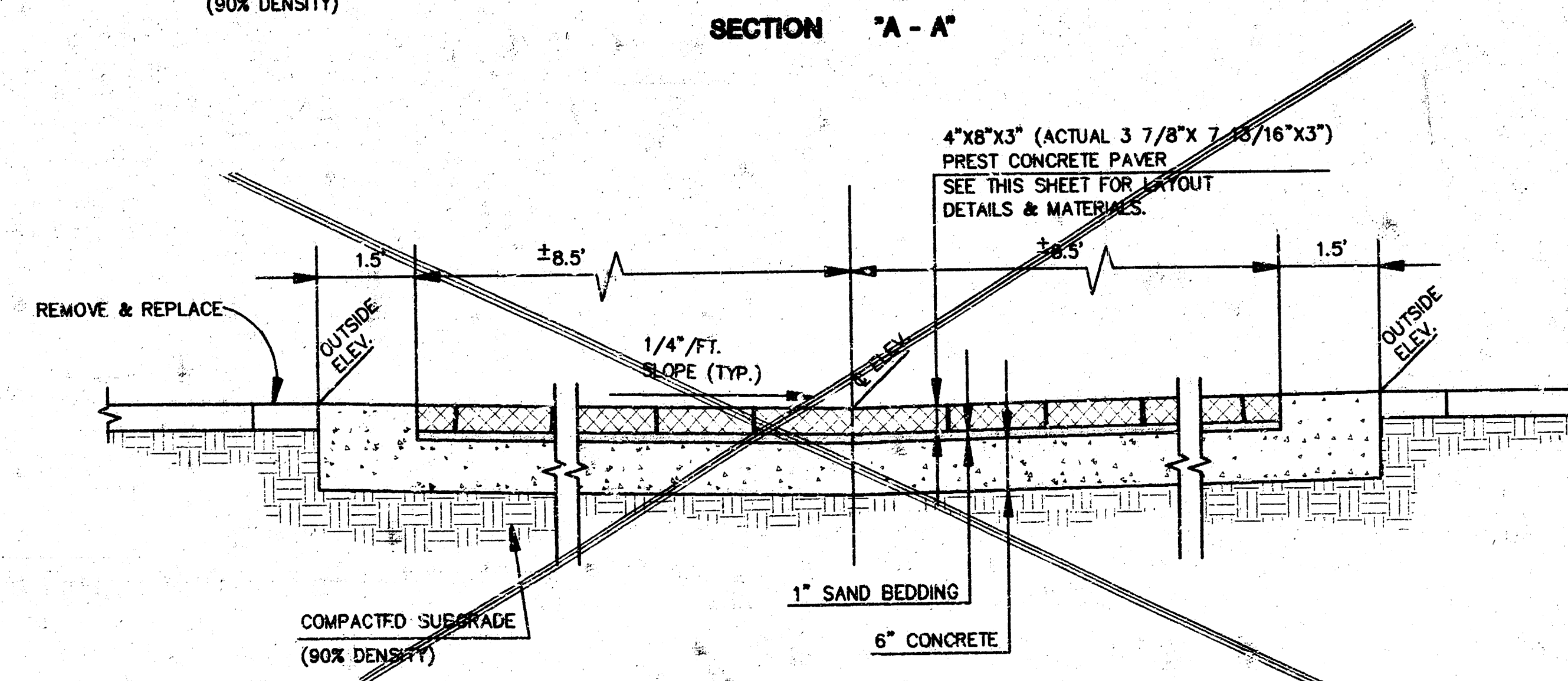
COMBINED CURB & GUTTER-TYPE 1
(2'-6" WIDE)



SECTION B - B



SECTION "A - A"



TYPICAL SECTION

NOTE: THE ALTERNATE SHALL BE IF CONCRETE PAVEMENT ON COMPACTED SUBGRADE



ALLIS HOTEL ALLEY

**GENERAL NOTES
&
DETAILS**

MID-KANSAS ENGINEERING CONSULTANTS INC.
3500 NORTH ROCK ROAD
BUILDING #800
WICHITA KANSAS 67226 (316) 636-5

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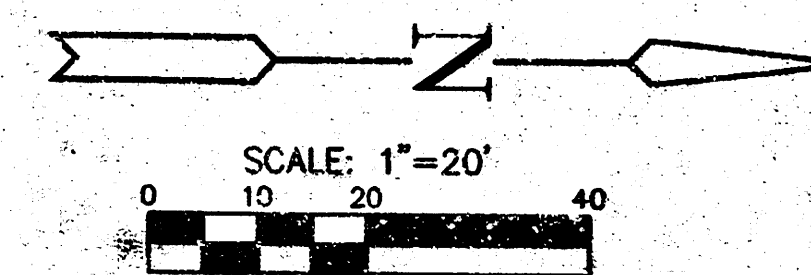
Sheet 2
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LEGEND



EXISTING BUILDING

BM-2



SCALE: 1"=20'

STA. 10+29.26
ADJUST WATER METER
EXIST. TOP = 109.65
PROP. TOP = 109.44

TRANSITION TYPE 1 CURB
& GUTTER TO RAMP FROM
NEAREST JOINT, SEE
(SHEET 2) FOR TYPE 1
CURB & GUTTER, RAMP DETAILS

BEGIN PROJECT
STA. 10+25.68

SSMH
RIM ELEV. -109.06
FL N. -103.1
FL N.E. & N.W. -103.3

SAWCUT & MATCH EXIST.
SEE INTERSECTION DETAIL
SHEET 2

CONST. 8" CONC. RAMP
ON COMPACTED SUBGRADE
SEE SHEET 2 FOR DETAIL

STA. 10+39.16
ADJUST RISER
EXIST. TOP = 109.20
PROP. TOP = 109.07

REMOVE EXIST. PAVEMENT
CONSTRUCT 8" CONCRETE
PAVEMENT ON COMPACTED
SUBGRADE.

STA. 10+91.97
SWB MANHOLE
EXIST. TOP = 109.20
PROP. TOP = 109.21

REMOVE EXIST. PAVEMENT
CONSTRUCT 8" CONCRETE
PAVEMENT ON COMPACTED
SUBGRADE.

SAWCUT EXIST. ASPHALT
1 FT. OFFSET FROM
PROPERTY LINE
AND REPLACE TO MATCH
NEW ALLEY

PROPOSED PARKING LOT

STA. 12+50.94
ADJUST RISER
EXIST. TOP = 108.95
PROP. TOP = 108.70

STA. 12+66.84
REMOVE MONITOR WELL

STA. 13+12.88
ADJUST RISER
EXIST. TOP = 108.73
PROP. TOP = 108.54

STA. 13+30.44
REMOVE MONITOR WELL

CAUTION:
SHALLOW STORM SEWER
SEE (SHEET 2) FOR
STORM SEWER ENCASEMENT
DETAIL

STA. 14+25.61
ADJUST MANHOLE TOP
EXIST. TOP = 108.29
PROP. TOP = 108.22

TRANSITION TYPE 1 CURB
& GUTTER TO RAMP FROM
NEAREST JOINT, SEE
(SHEET 2) FOR TYPE 1
CURB & GUTTER, RAMP DETAILS

TRANSITION VALLEY LOW
POINT FROM C. @ STA.
14+00 TO INLET GRATE
@ STA. 14+34

STA. 14+34.67
ADJUST EXIST. INLET
EXIST. TOP = 108.21
PROP. TOP = 108.12
PLUG PIPE OPENINGS
TO S. & SW. W/MASONRY PLUG

END PROJECT
STA. 14+46.89

STA. 14+46.89
DROP INLET
EXIST. TOP = 108.28
PROP. TOP = 108.28

SAWCUT & MATCH EXIST.
SEE INTERSECTION DETAIL
SHEET 2

REMOVE 50' FT.
EXIST. PIPE
14" DIA.

CONST. 8" CONC. RAMP
ON COMPACTED SUBGRADE
SEE SHEET 2 FOR DETAIL

STA. 13+71.33
RISER
EXIST. TOP = 108.36
PROP. TOP = 108.35

STA. 13+76.89
SWB MANHOLE
EXIST. TOP = 108.35
PROP. TOP = 108.33
ADJ. DURING CONST.
ADJ. BY OTHERS

STA. 14+12.69
REMOVE EXIST. INLET

BM-1 "X" CUT ON TOP OF CURB ON WEST SIDE OF
BROADWAY, 33.8' N. & 10.7' E. OF THE N.E. COR.
PETROLEUM BUILDING, 221 S. BROADWAY, ELEV. = 110.405

BM-2 "X" CUT ON S.E. CORNER OF CONCRETE TRAFFIC
SIGNAL POLE BASE ON S.E. CORNER OF BROADWAY
AND ENGLISH, ELEV. = 110.53

MANHOLE ADJUSTMENTS

STATION	OFFSET	EXIST. ELEV.	PROP. ELEV.
14+25.61	2.9 LT.	108.29	108.22

WATER METER ADJUSTMENTS

STATION	OFFSET	EXIST. ELEV.	PROP. ELEV.
10+29.26	12.0 LT.	109.65	109.44

RISER ADJUSTMENTS

STATION	OFFSET	EXIST. ELEV.	PROP. ELEV.
10+39.16	6.6 RT.	109.20	109.07
12+50.94	4.6 LT.	108.95	108.70
13+12.88	7.3 LT.	108.73	108.54
13+53.71	7.9 RT.	108.78	108.61

INLET TOP ADJUSTMENTS

STATION	OFFSET	EXIST. ELEV.	PROP. ELEV.
14+34.67	2.9 RT.	108.21	108.12

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ALLIS HOTEL ALLEY

PAVING PLAN

STA. 10+00 TO 14+46.89

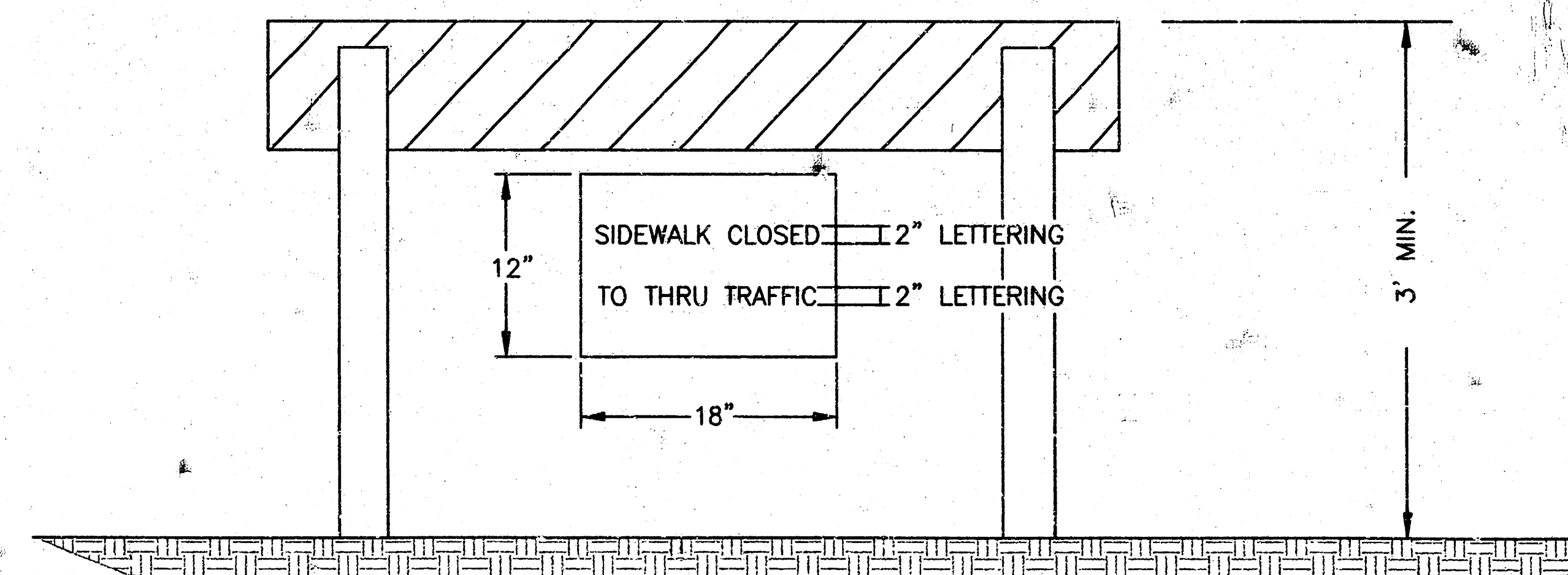
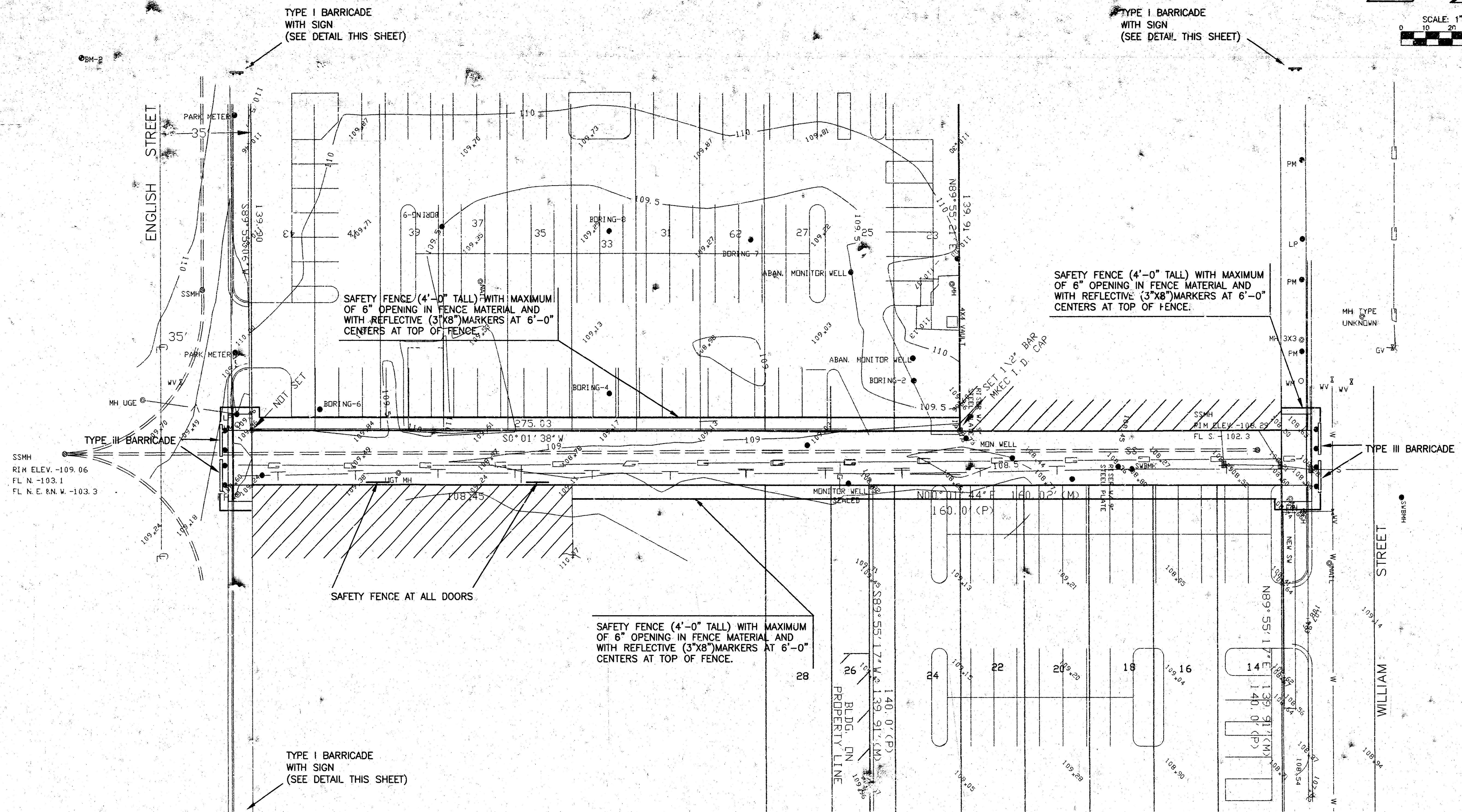
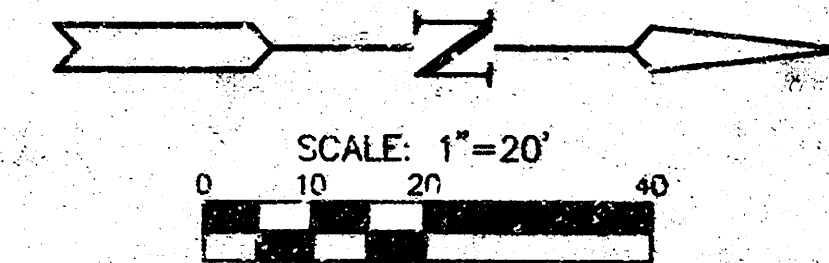


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3500 NORTH ROCK ROAD
BUILDING #800
WICHITA, KANSAS 67226

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Sheet 3
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TYPE I BARRICADE SIGN DETAIL NOT TO SCALE

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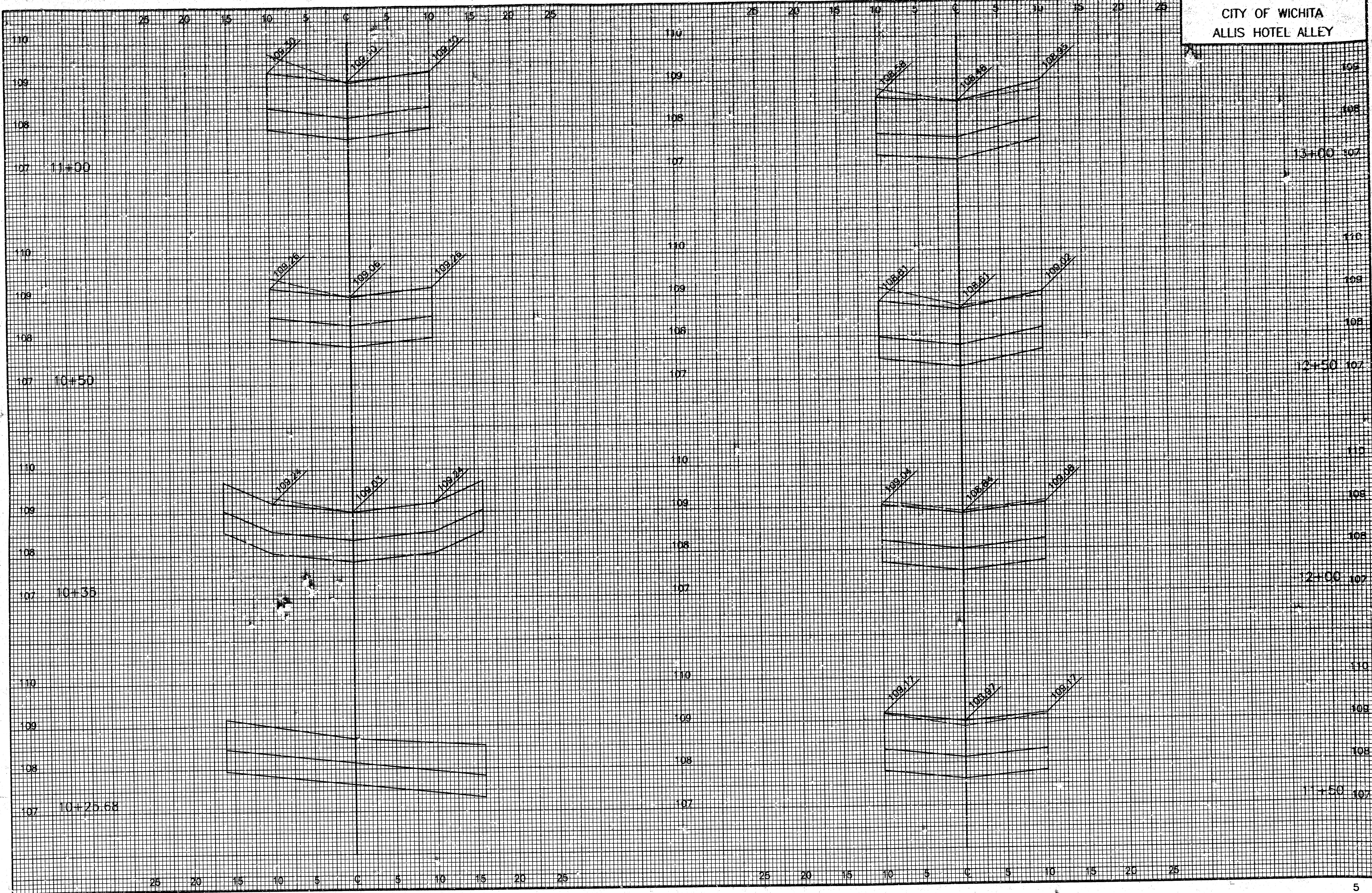


ALLIS HOTEL ALLEY
TRAFFIC CONTROL

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BUILDING #800
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Sheet	4
of	6

CITY OF WICHITA
ALLIS HOTEL ALLEY



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ALLIS HOTEL ALLEY

