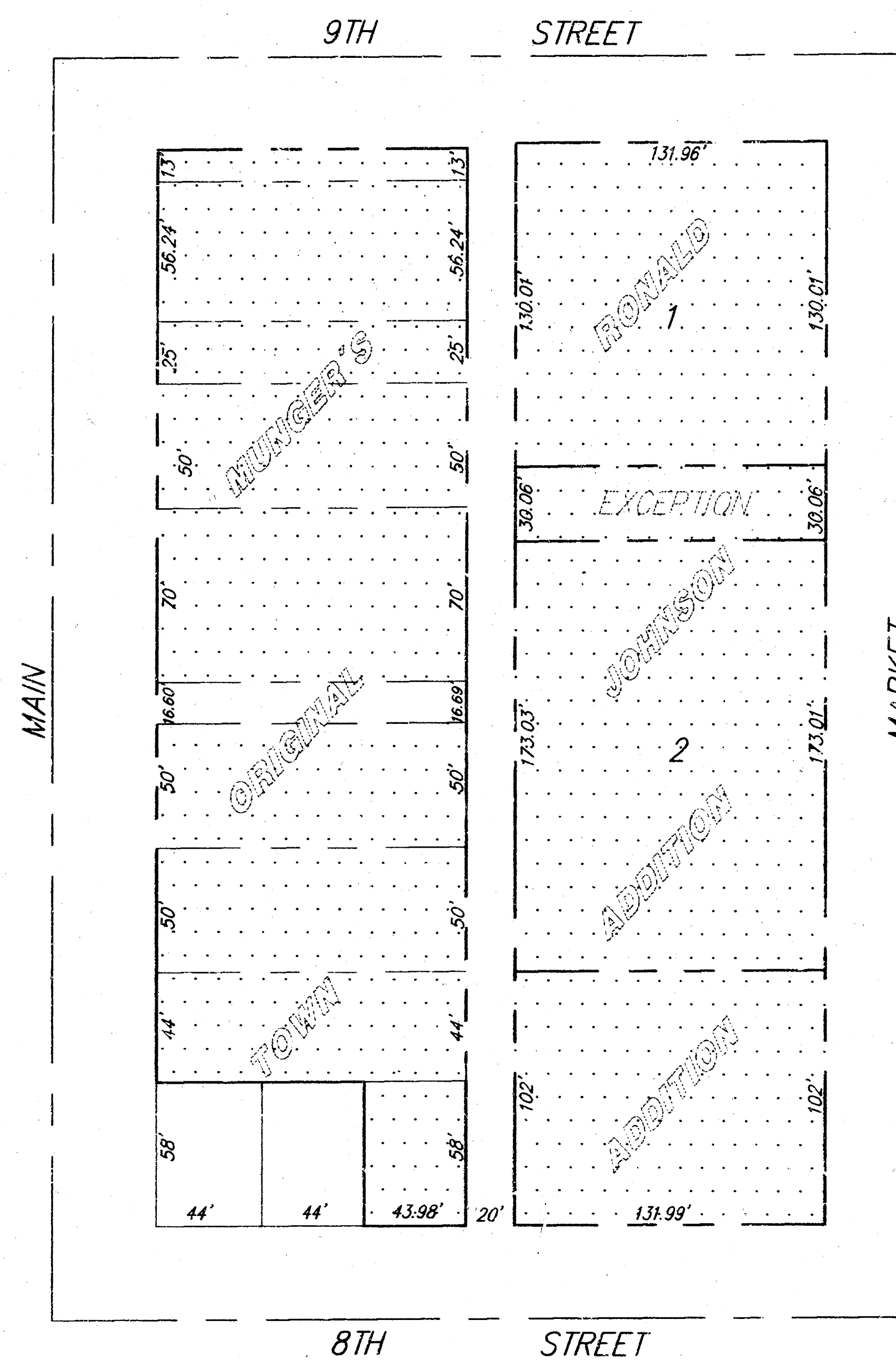
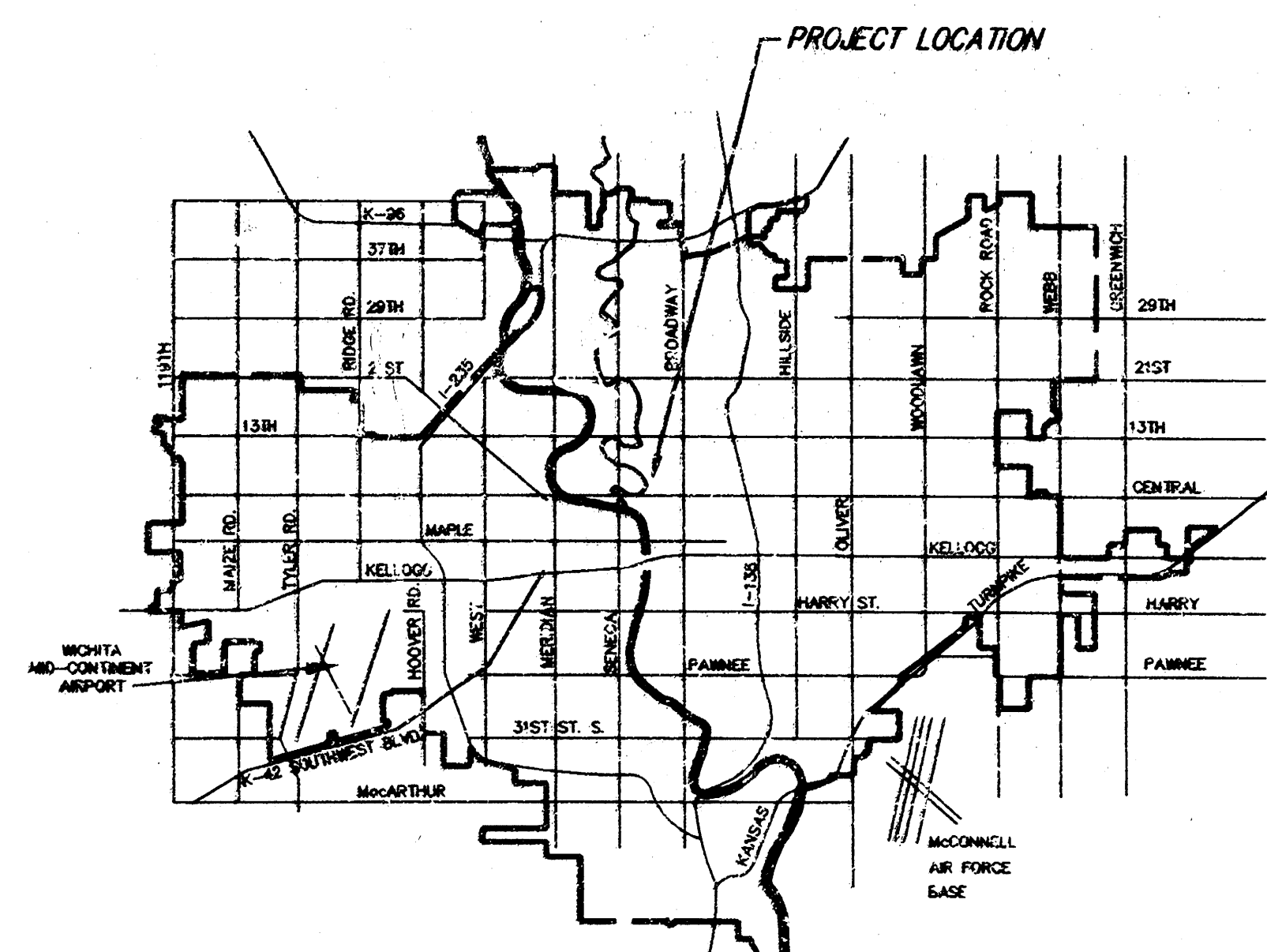


ALLEY IMPROVEMENTS BETWEEN MAIN AND MARKET FROM N. LINE 8TH STREET TO S. LINE OF 9TH STREET

PROJECT NO. 472-82913
INDEX CODE 764803

GENERAL NOTES

1. Interurban traffic generated outside the project area and local business or apartment traffic generated within the project area are not to be carried through construction.
2. Utility service lines, poles, valve boxes, meters, and et cetera 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 specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
3. A saw cut of at least one-half the depth of existing surface courses or one-fourth the depth of existing total pavement thickness shall be provided at locations where proposed construction abuts an existing surface course or pavement for which partial removal of that surface or pavement is required, except when such saw cuts are within three (3) feet of an existing joint the limits of removal shall be extended to the existing joint. Such saw cuts will not be paid for directly and this cost shall be considered as subsidiary to the removal of the surface or pavement.
4. Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved.
5. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps permitting regulations. Any material buried or stockpiled beyond approved of Engineers construction limits would require additional archeological investigations unless buried in a previously approved borrow location.
6. 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 licensed land surveyor in accordance with state laws.
7. Removal of existing concrete parking lot pavements, asphalt parking lot pavements, asphalt driveway pavement and/or asphalt sidewalk pavements will be paid for us square feet of walk and drive removed.
8. Construction of concrete parking lot pavement will be paid as square feet of drive for the thickness indicated.
9. The Contractor shall give all property owners and/or tenants of developed property directly abutting the construction of this project a minimum of ten (10) days advance notice prior to start of construction.
9. Portions of the existing sanitary sewer located within this project are to be reconstructed during construction of this project.



IMPROVEMENT DISTRICT

BENCH MARKS:

*" CUT IN" CENTER OF CONCRETE DRIVE
AT EAST R/W LINE OF MAIN, 202+ NORTH OF
SOUTH R/W LINE OF 8TH STREET.
ELEV. = 114.83

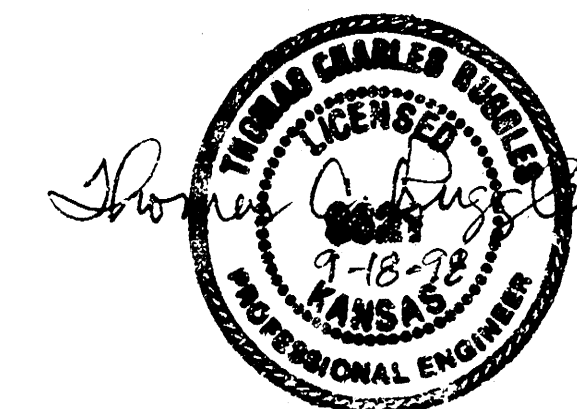
SHEET INDEX

1. TITLE / GENERAL NOTES
2. PAVEMENT DETAILS
3. PLAN SHEET
4. MANHOLE ADJUSTMENT DETAILS
- 5-6. EARTHWORK CROSS SECTIONS

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Paving _____

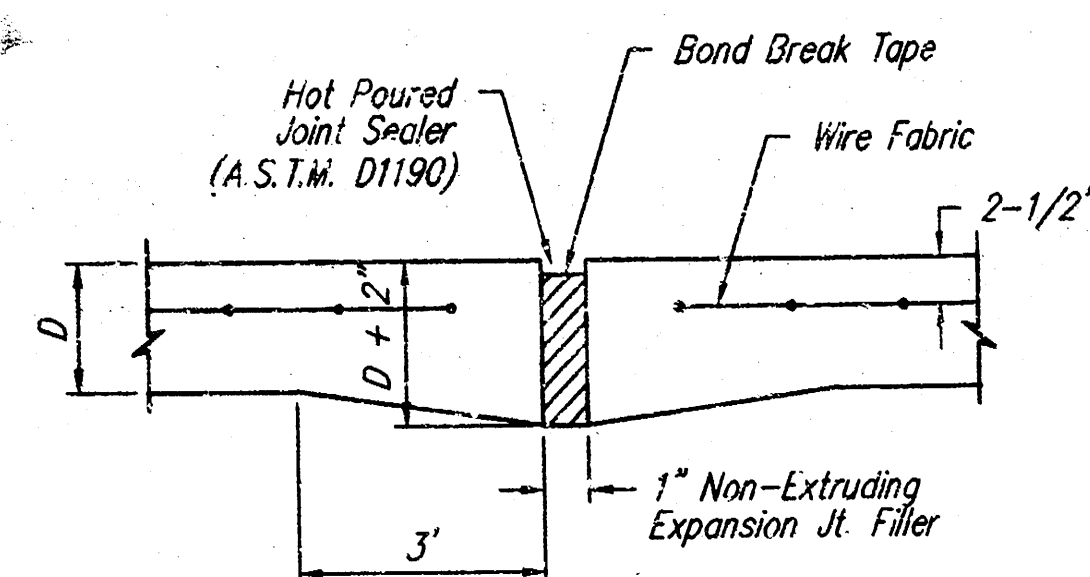
NOTE TO CONTRACTORS
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.



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

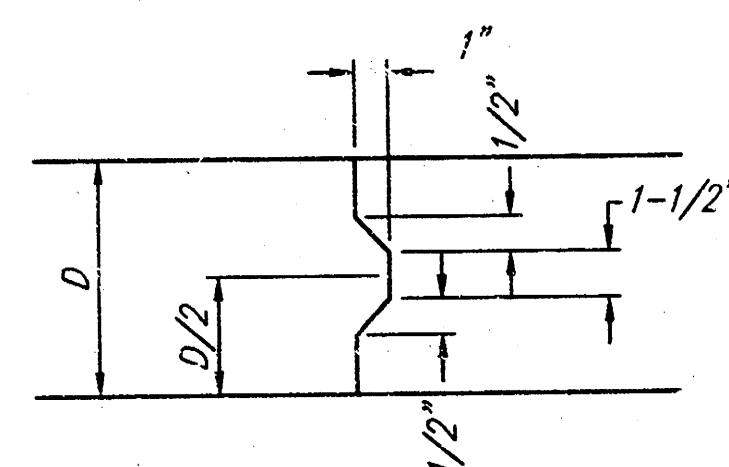
SRB 924 NORTH MAIN 315-264-8008
WICHITA, KANSAS 67203 FAX 264-4621
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

8047

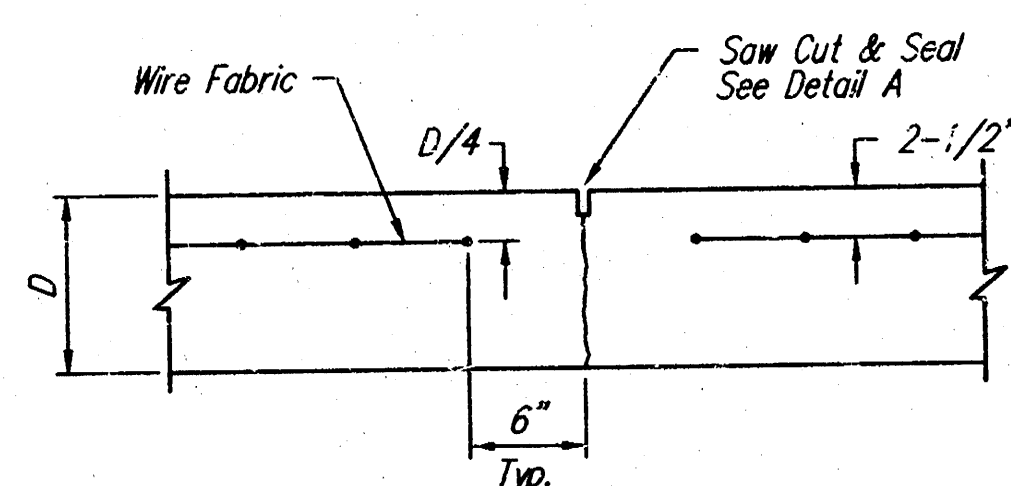


EXPANSION JOINT

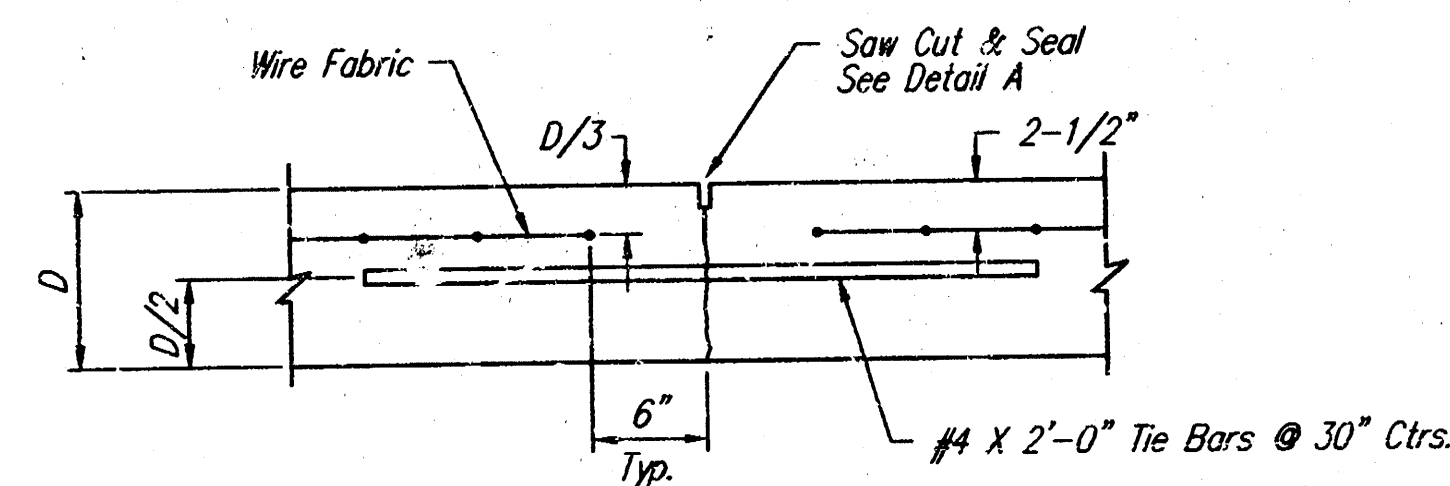
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



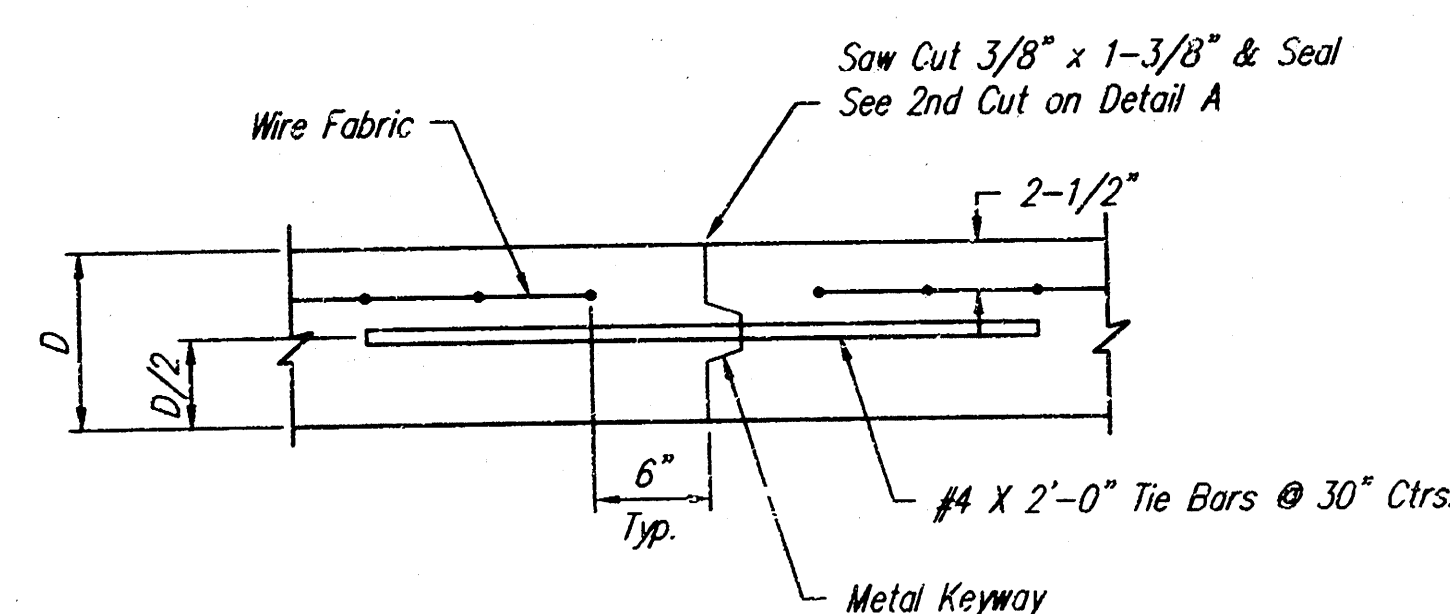
KEYWAY DETAIL



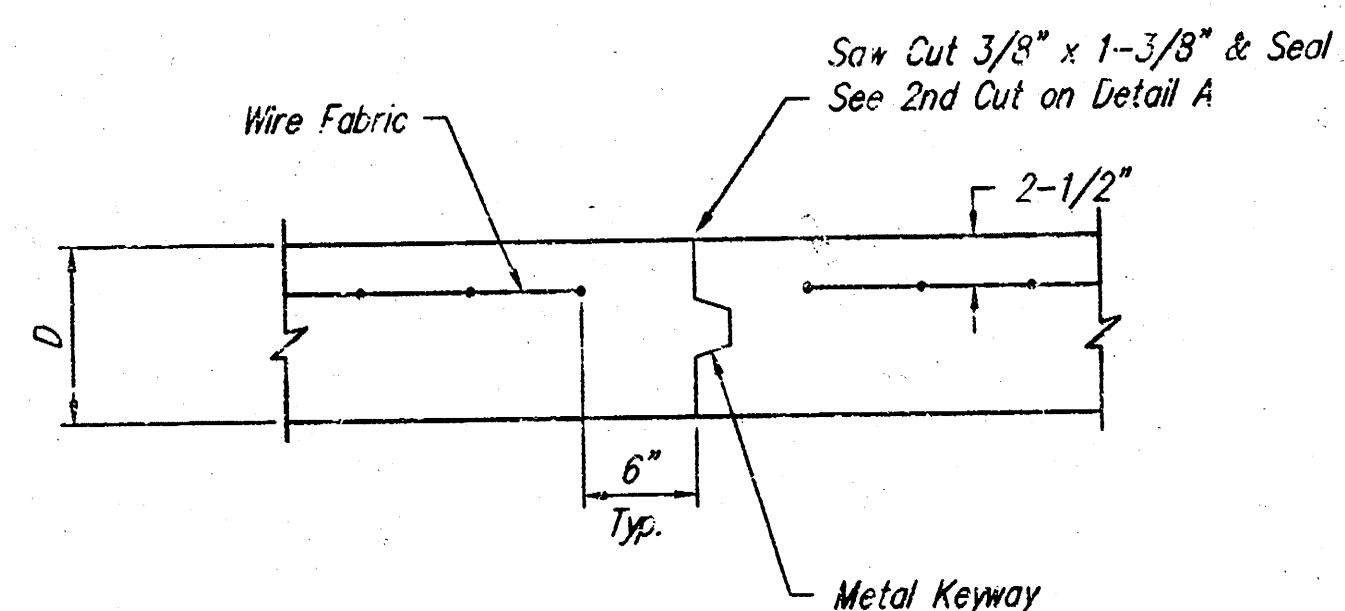
CONTRACTION JOINT DETAIL (C.J.)



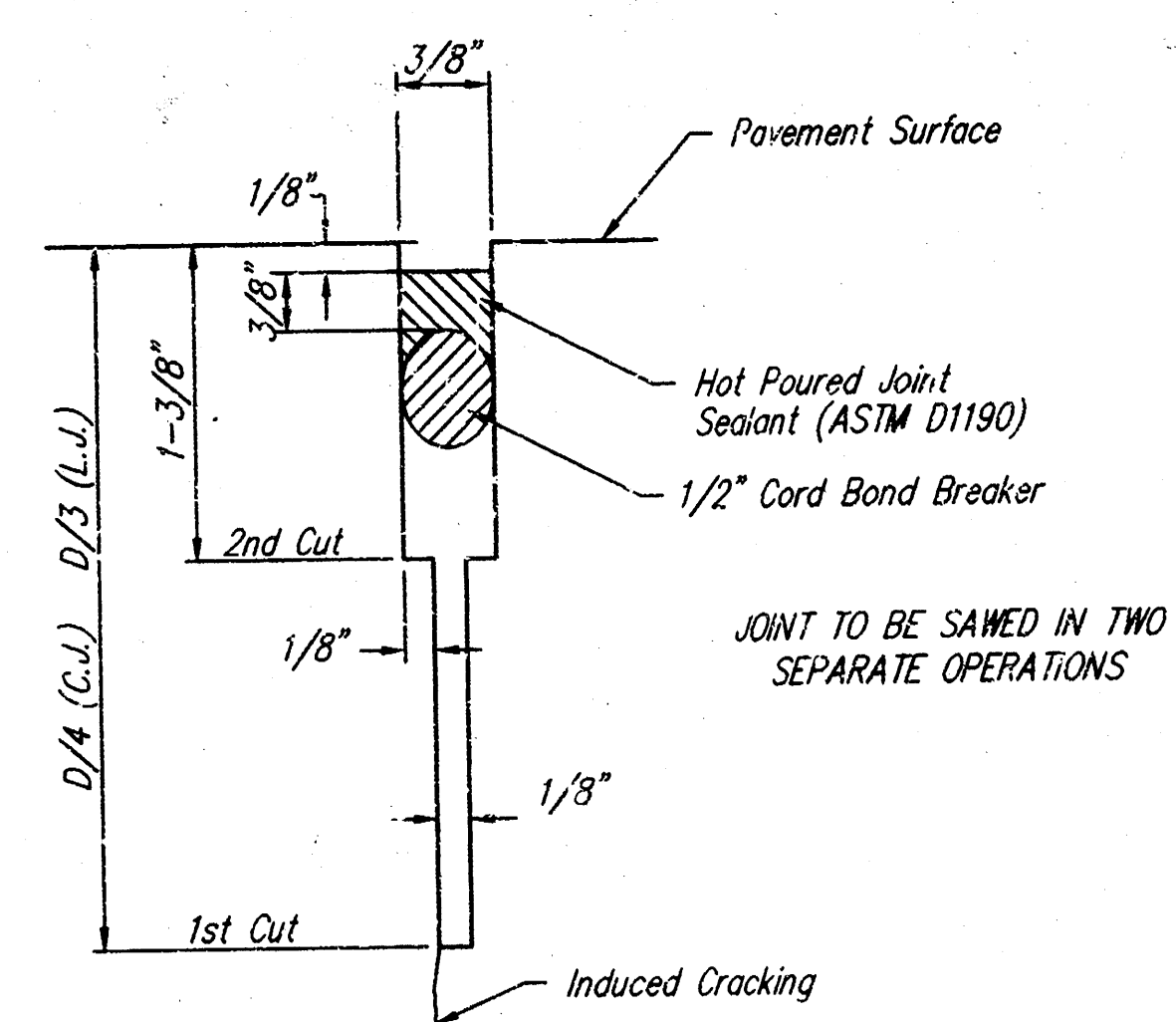
LONGITUDINAL JOINT DETAIL (L.J.)



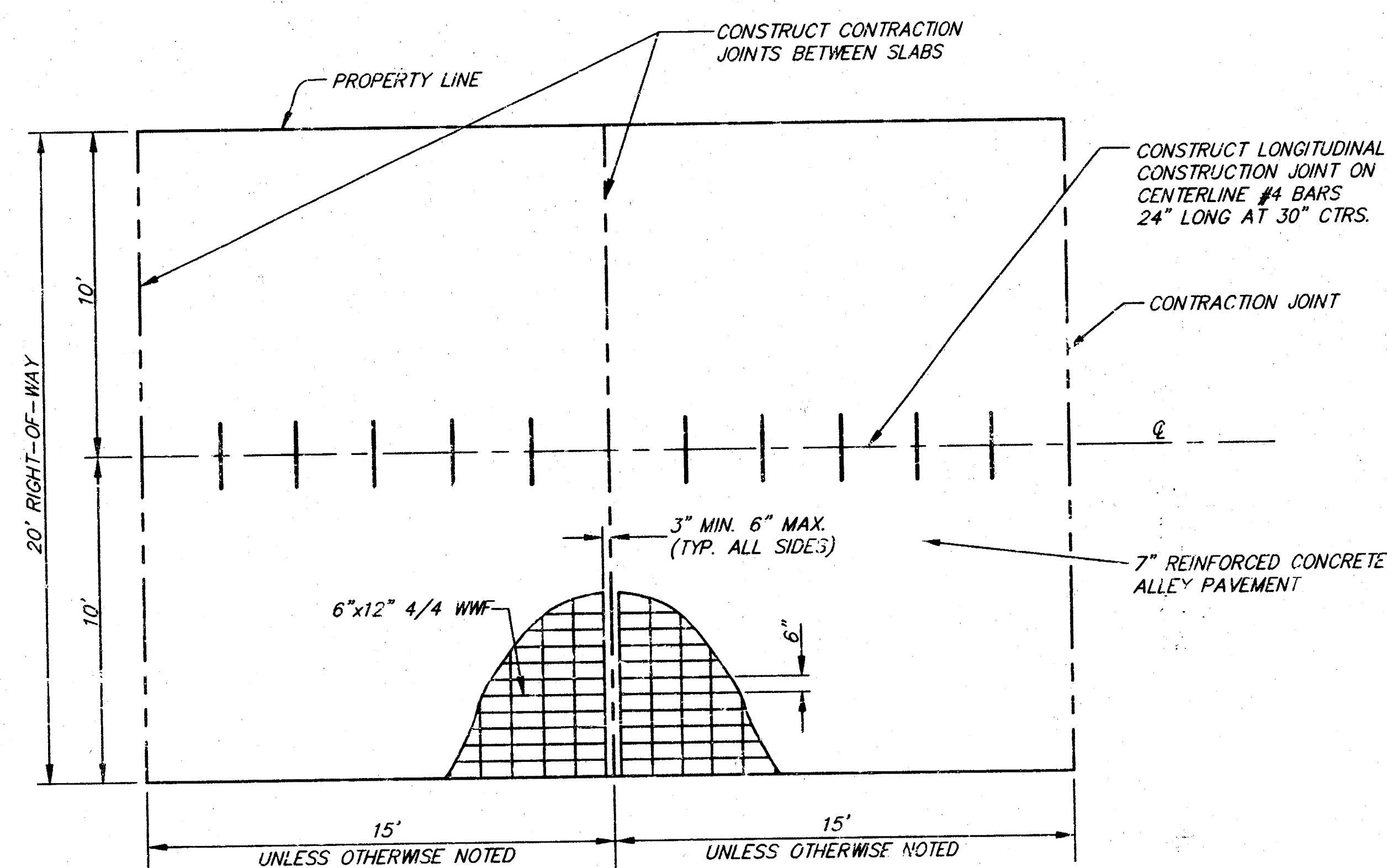
OPTIONAL LONGITUDINAL JOINT DETAIL (L.J.)



OPTIONAL CONTRACTION JOINT

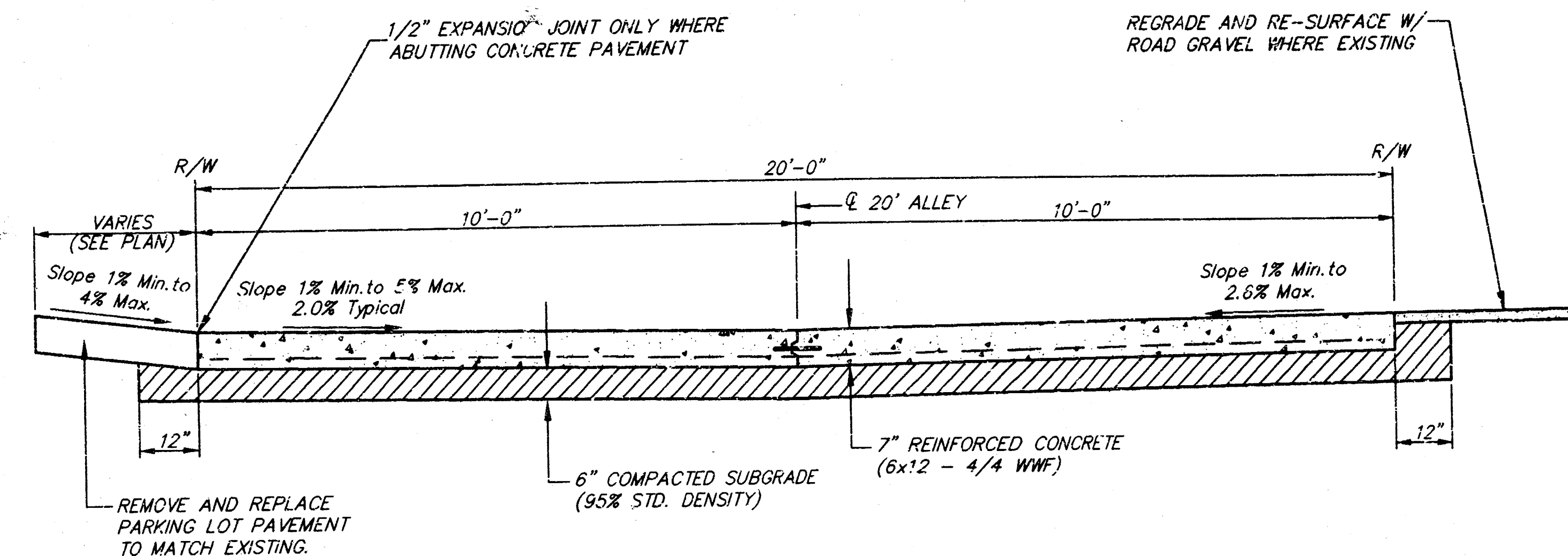


SAW JOINT DETAIL

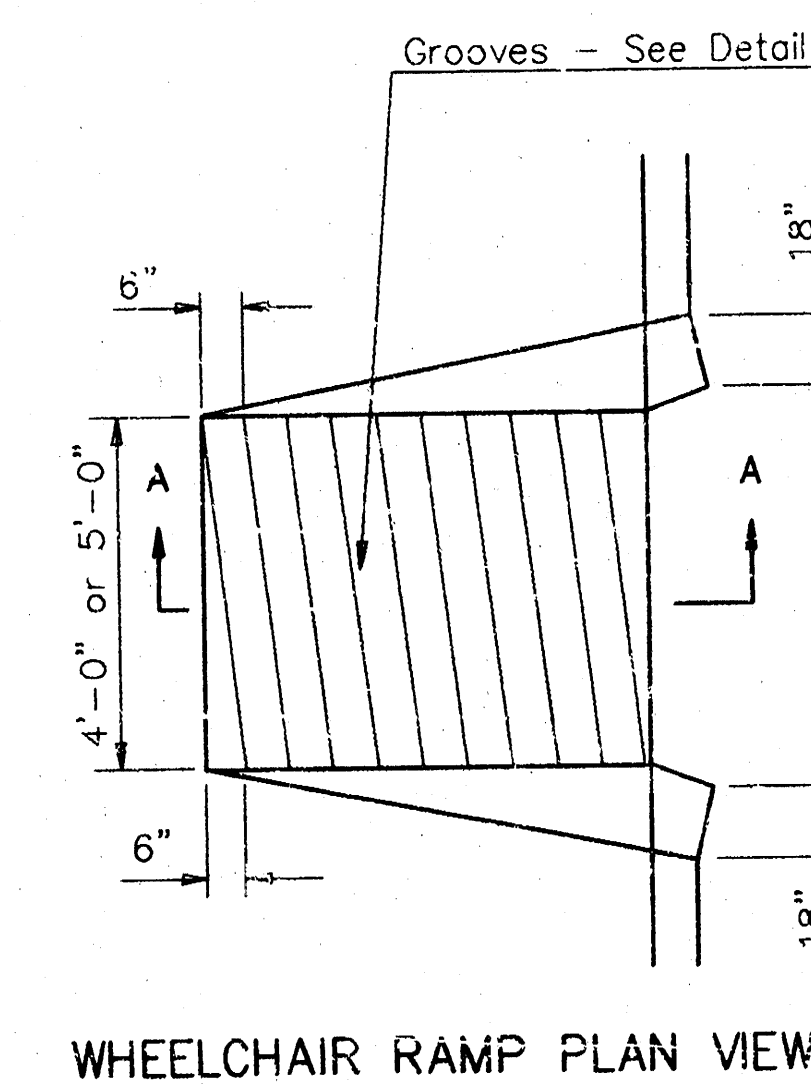


SLAB REINFORCEMENT DETAIL

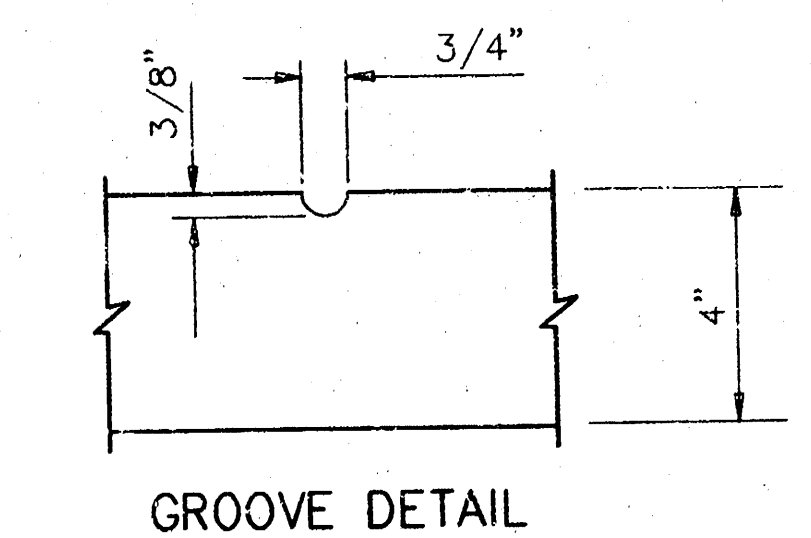
NOTE: EXPANSION JOINTS ARE TO BE AT THE FOLLOWING BASELINE STATIONS.
STA. 0+34.74
STA. 2+56.14
STA. 4+74.48



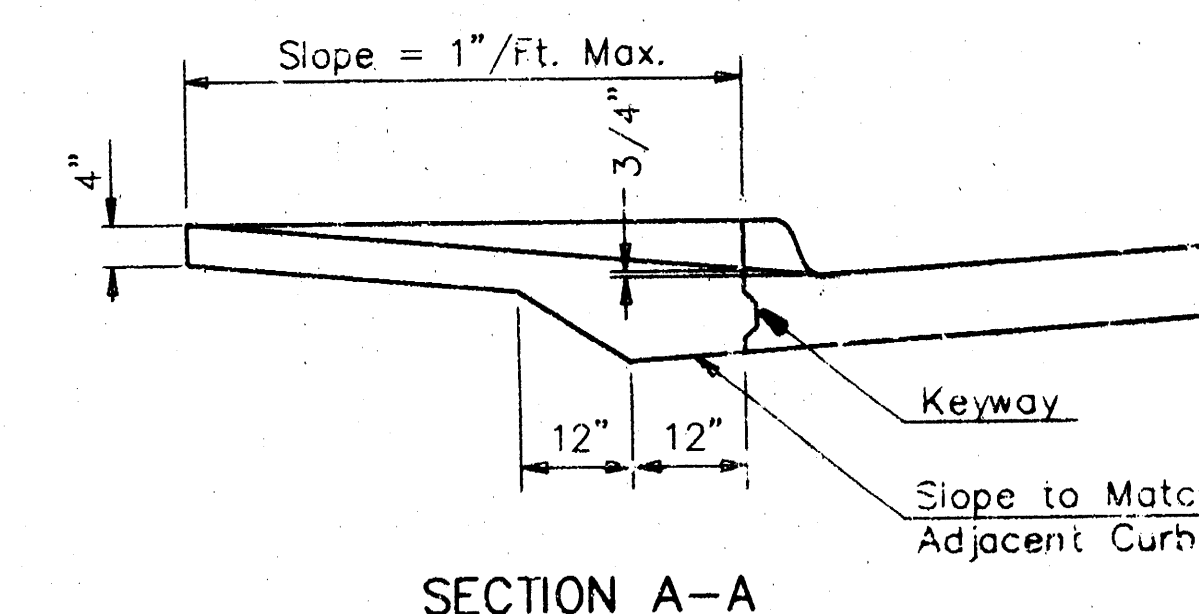
TYPICAL PAVEMENT SECTION



WHEELCHAIR RAMP PLAN VIEW



GROOVE DETAIL



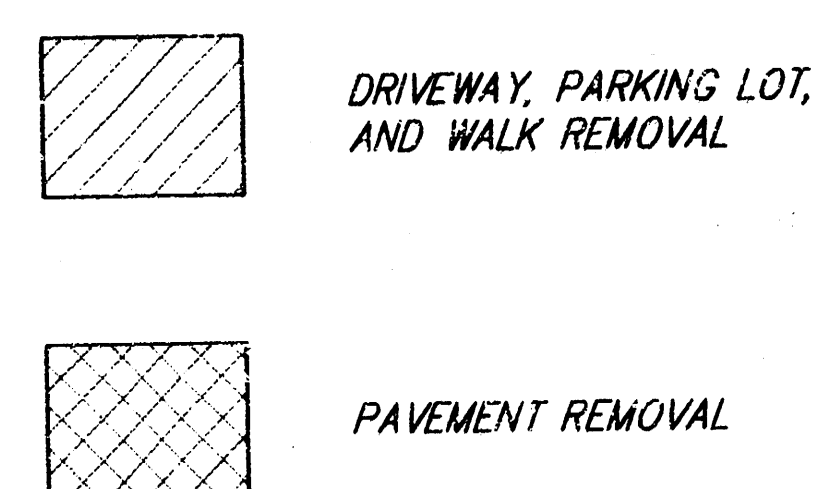
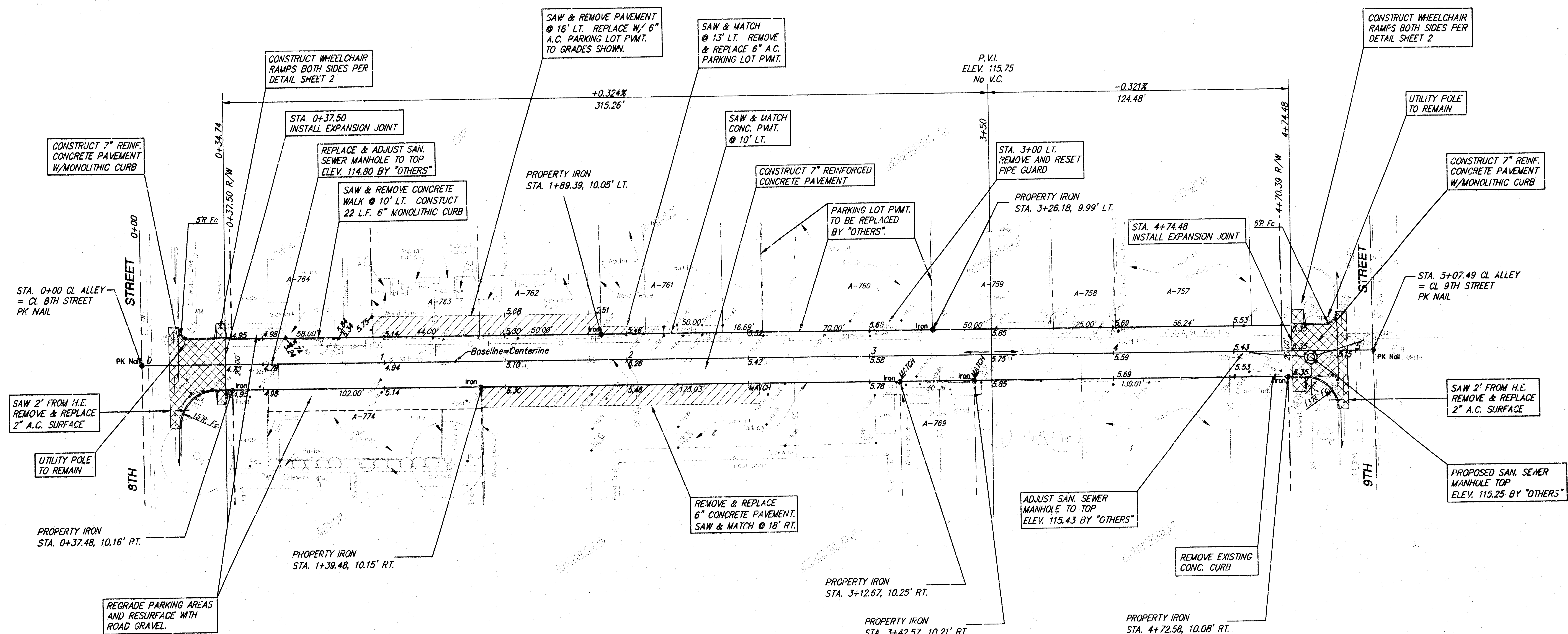
SECTION A-A

WHEELCHAIR RAMP DETAIL

PAVEMENT DETAILS			
ALLEY BETWEEN MAIN & MARKET, 8th to 9th			
WICHITA, KANSAS			
SRB	924 NORTH MAIN WICHITA, KANSAS 67203 http://www.srb.com/~srb	316-264-8008 FAX 264-4621 E-mail: srb@earthlink.net	DATE 10/13/98
SAVOY, RUGGLES & BOHM, P.C.			
ENGINEERING & SURVEYING			
PROJECT NUMBER 472-82913 (764803)			
DESIGN TCR	DRAWN TEB/JDS	UTILITY TCR	REVIEW DATE Sept. 18, 1998
SHEET 2 OF 6			DATE 10/13/98

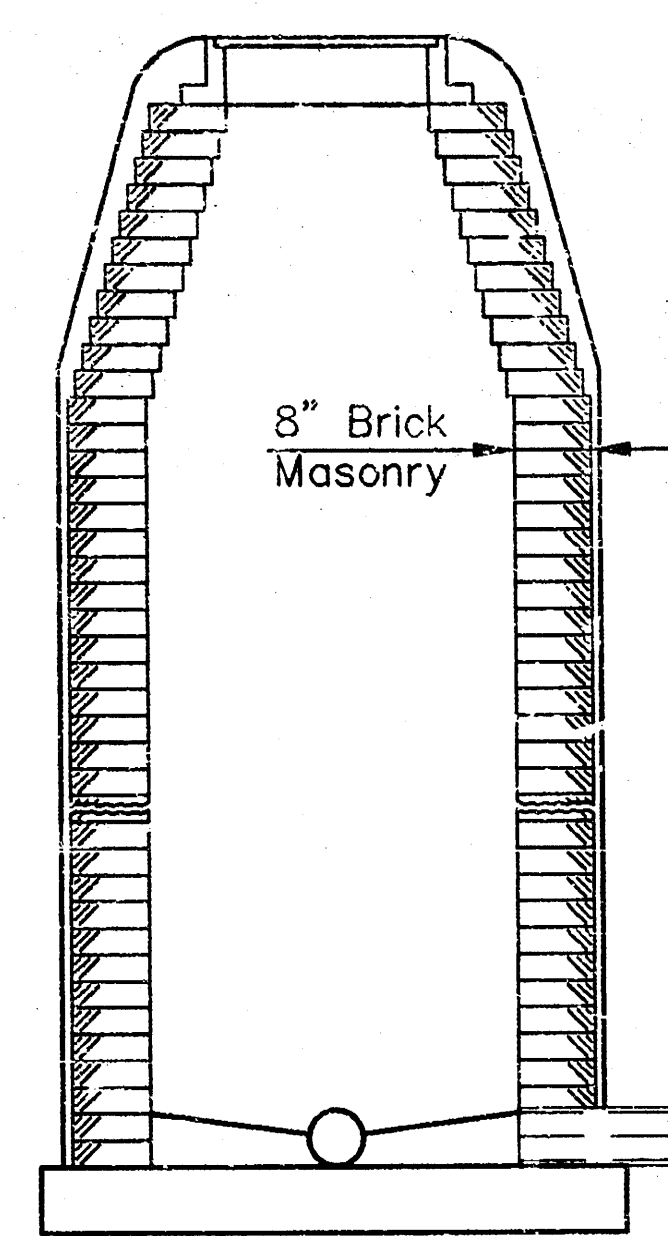
SRB

SCALE: 1"=20'

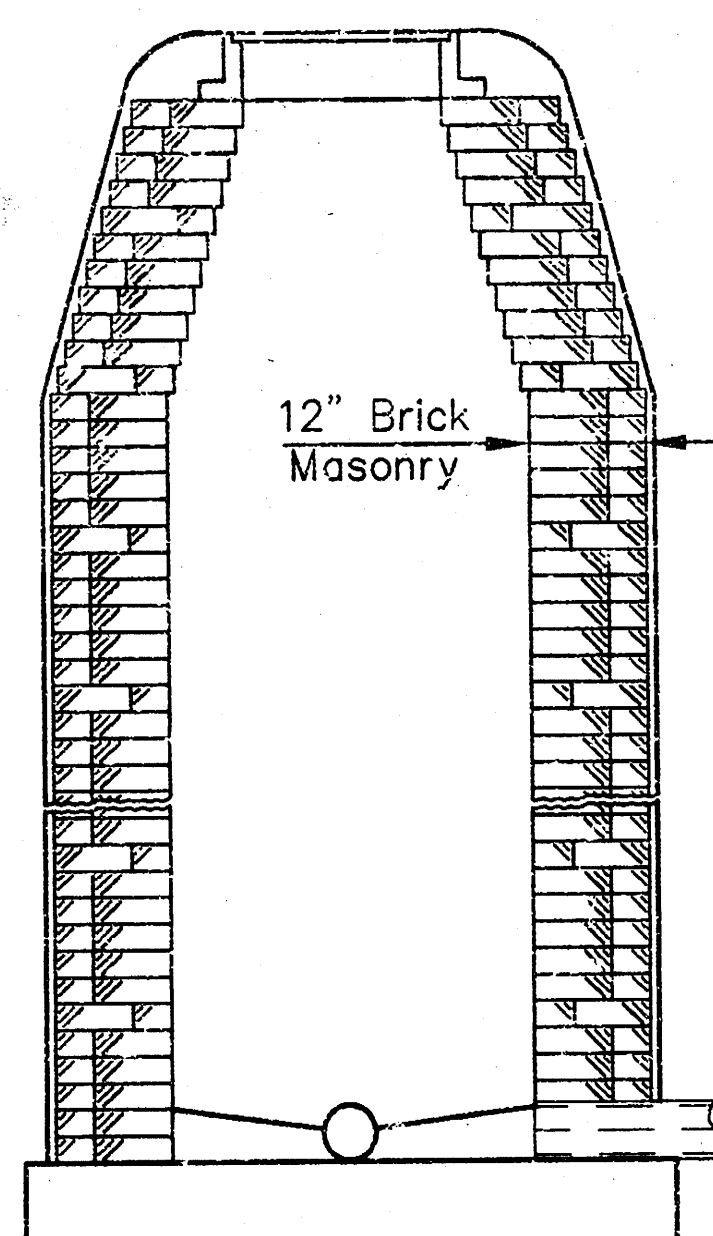


**PAVEMENT PLAN
ALLEY BETWEEN MAIN & MARKET, 8th to 9th
WICHITA, KANSAS**

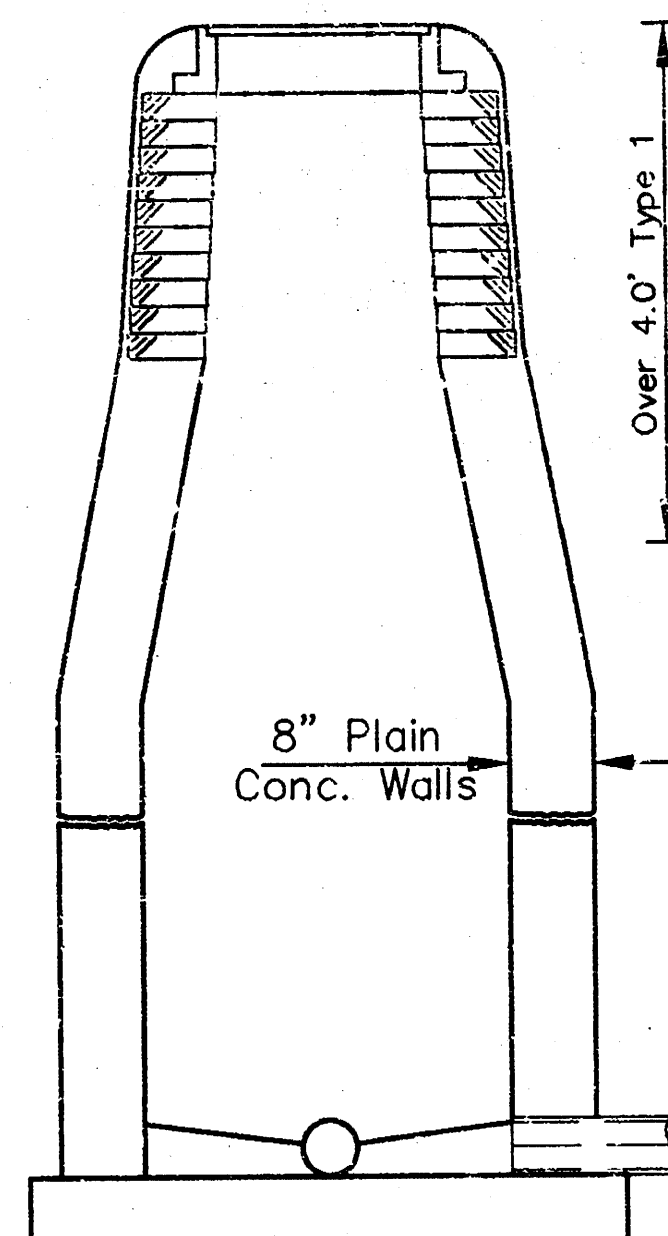
SRB		924 NORTH MAIN WICHITA, KANSAS 67203 http://www.srb.com/~srb		316-264-8008 FAX 264-4821 E-mail: srb@earthlink.net	
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING					
PROJECT NUMBER 472-82913 (764803)					
DESIGN TCR	DRAWN TEB/JDS	UTILITY TCR	REVIEW TCR	DATE Sept. 18, 1998	REVISIONS
					SHEET 3 OF 6



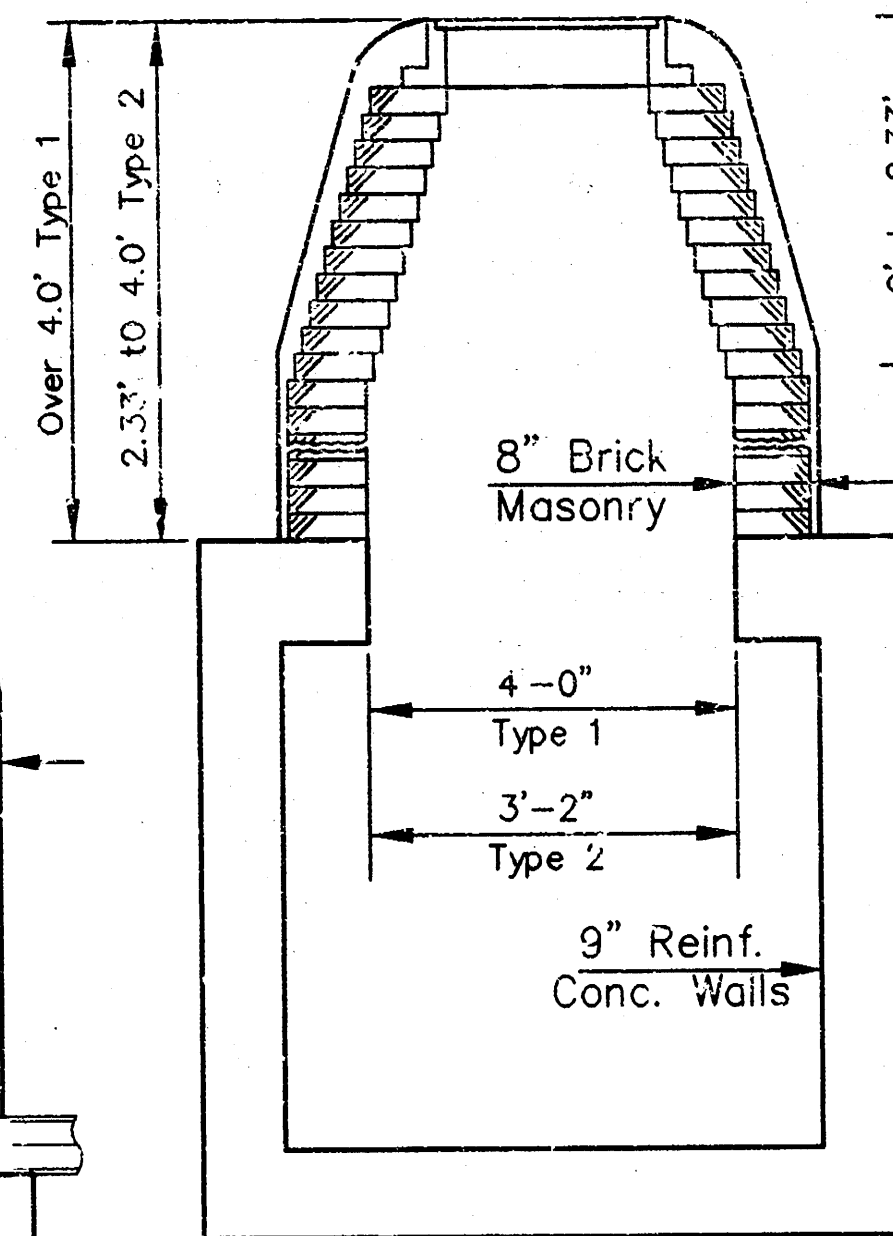
TYPE A
Single Wall Masonry



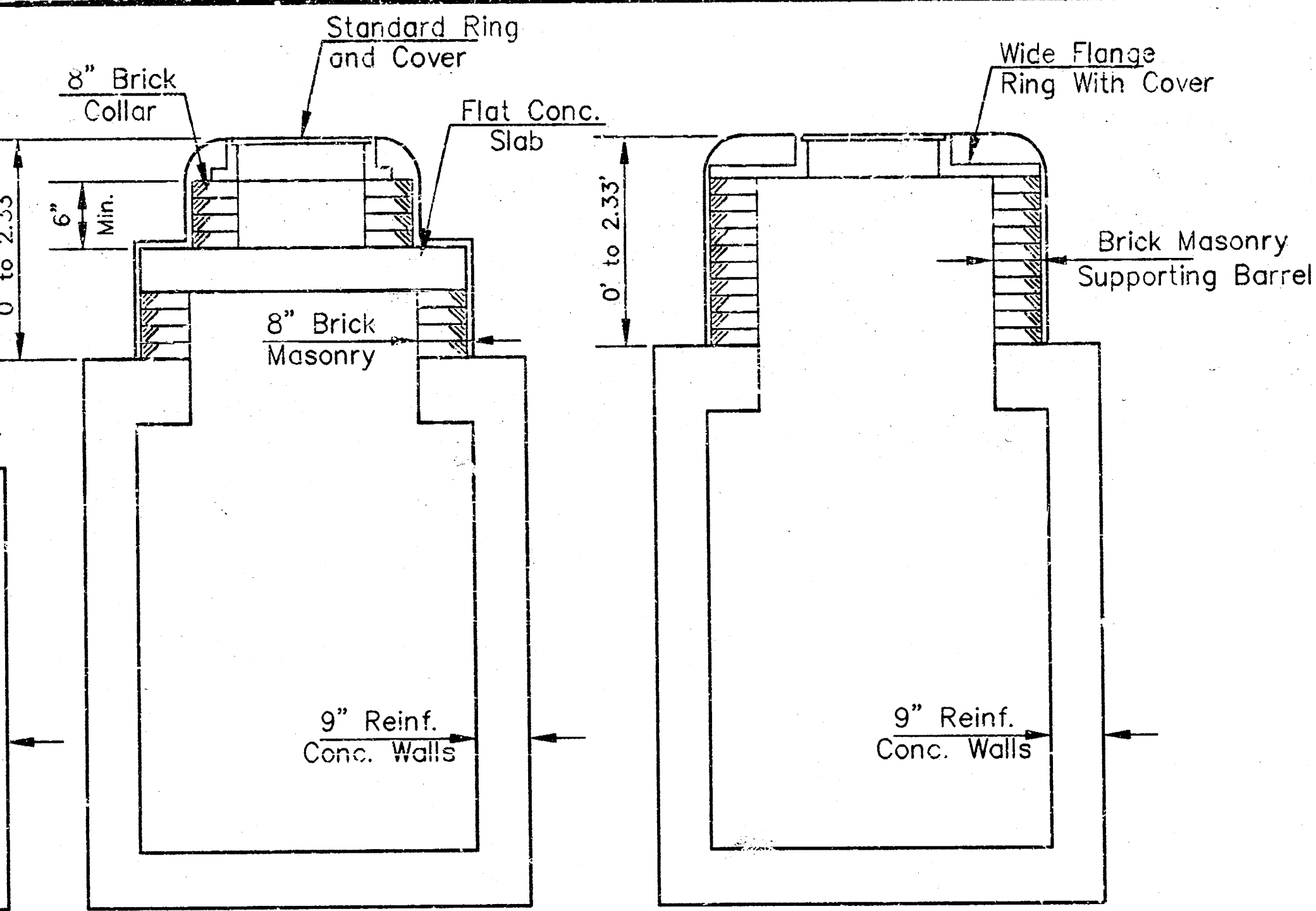
TYPE B
Double Wall Masonry



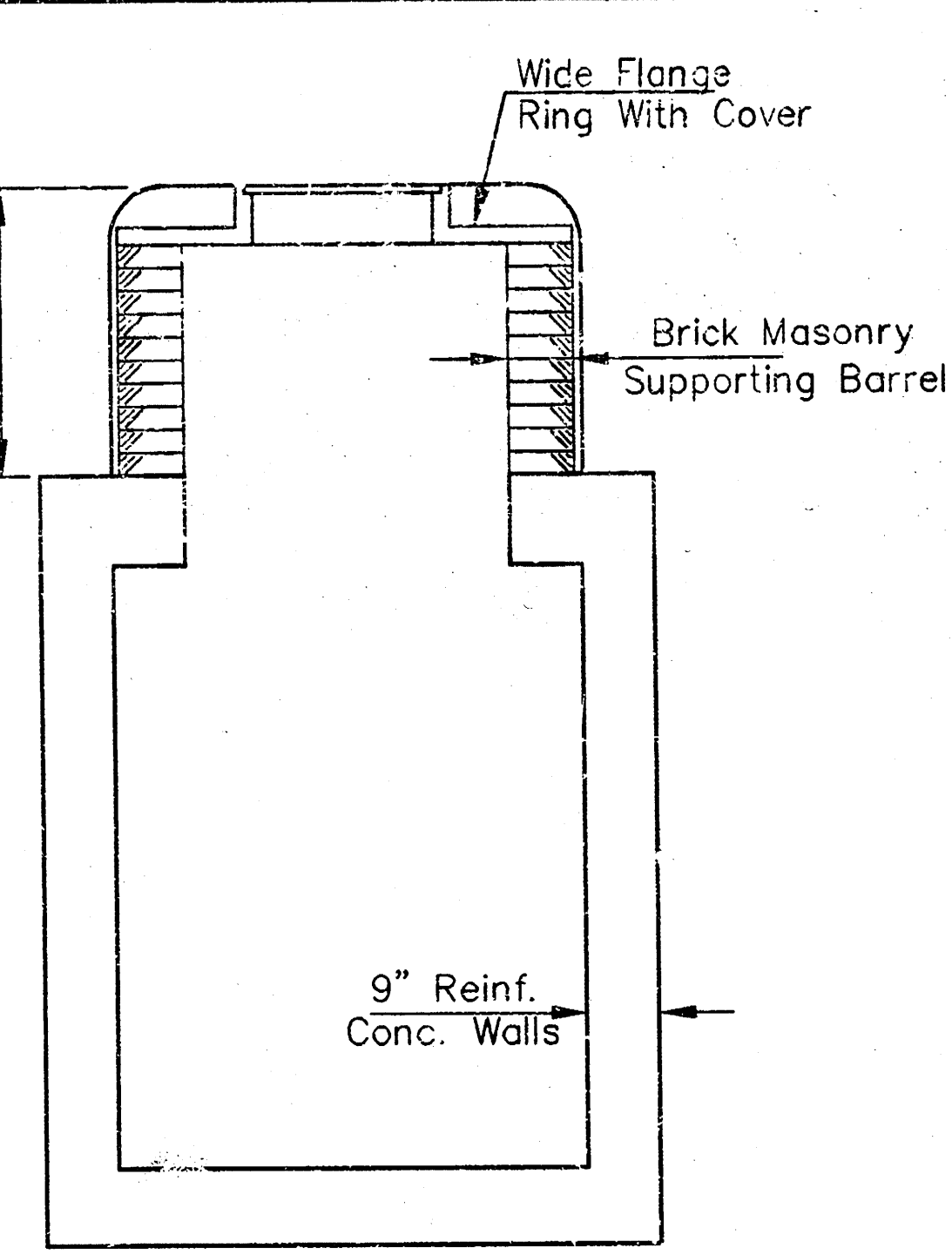
TYPE C & D
Cast in Place
(Type D is plastic lined
& has brick draw)



TYPE 1 & 2
Reinforced Concrete

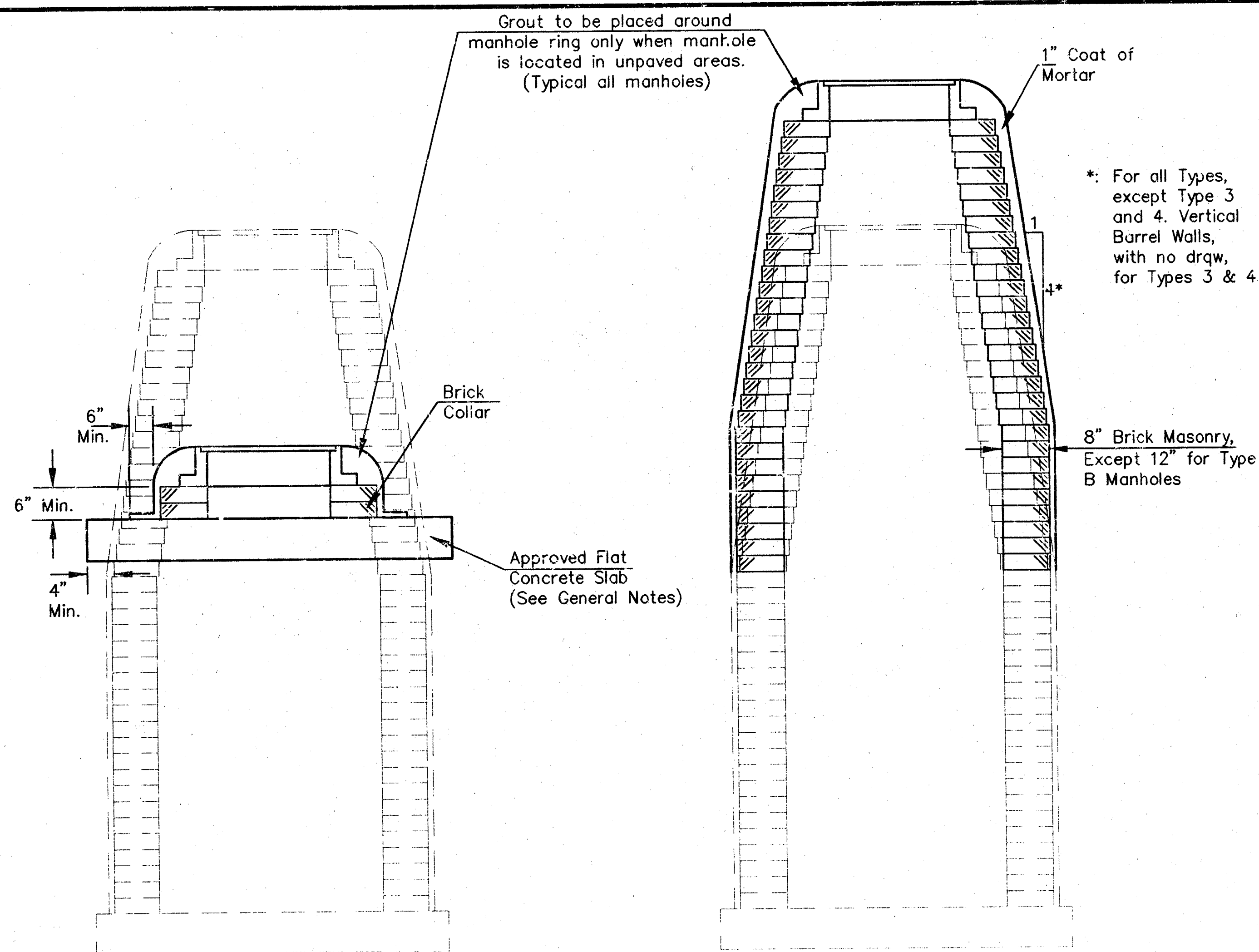


TYPE 3
Reinforced Concrete



TYPE 4
Reinforced Concrete
(Wide Flange Ring)

DEFINITION SKETCHES - CITY OF WICHITA STANDARD MANHOLES



DOWNWARD ADJUSTMENT
(GREATER THAN 12")

All Types

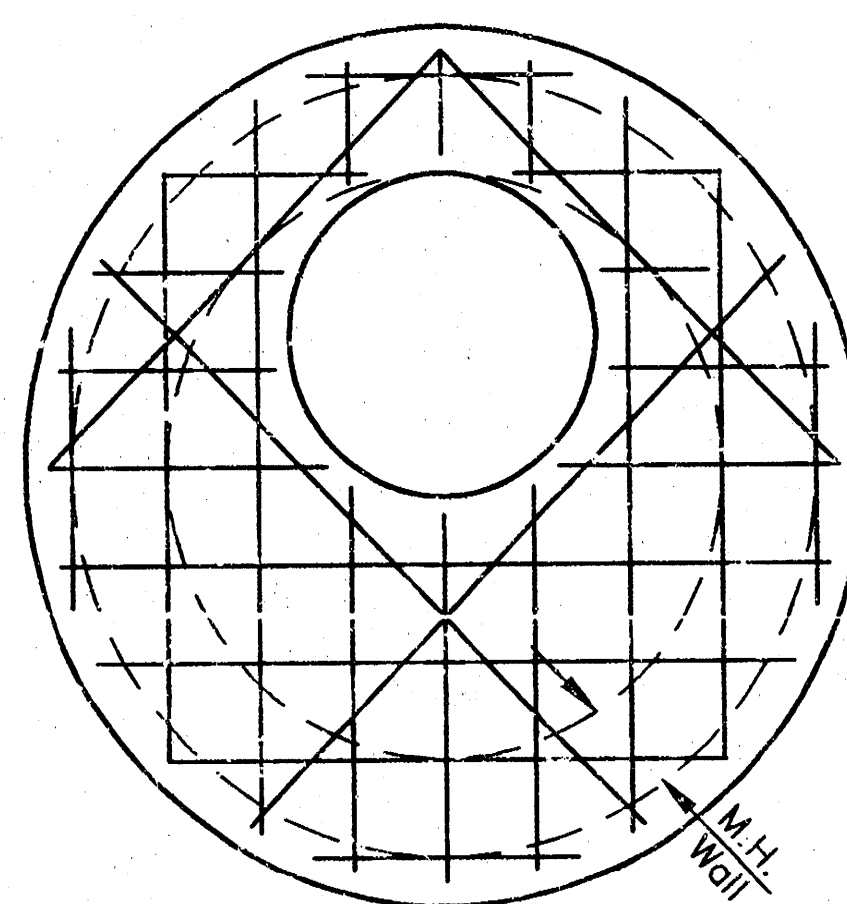
UPWARD ADJUSTMENT
(GREATER THAN 12")

All Types

THE APPROPRIATE PORTIONS OF THE DRAW AND BARREL OF TYPE A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED. A FLAT CONCRETE SLAB SHALL BE PLACED AND THE RING AND COVER RESET. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.

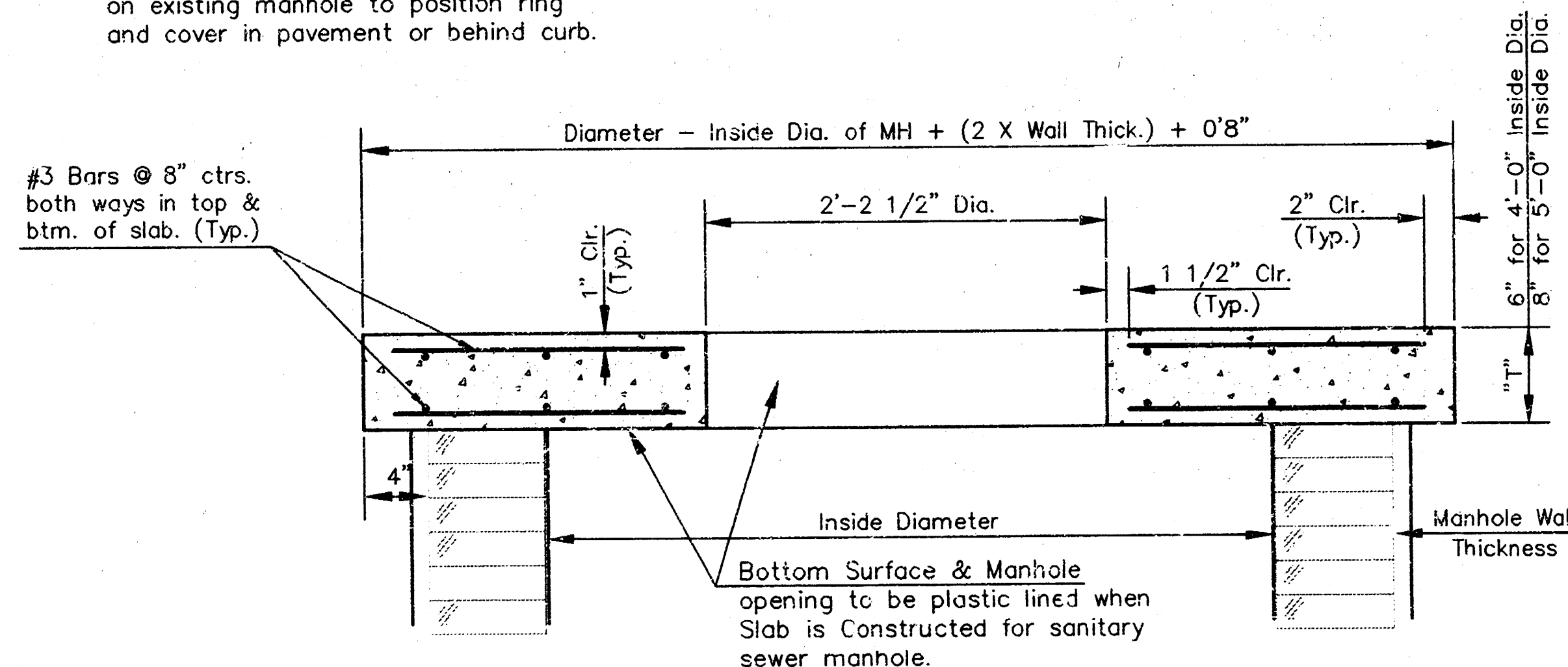
COURSES OF BRICK BARREL SUPPORTING THE WIDE FLANGE RING FOR TYPE 4 MANHOLES AND FLAT CONCRETE SLAB FOR TYPE 3 MANHOLES SHALL BE REMOVED AS NECESSARY PRIOR TO RESETTING THE WIDE FLANGE RING OR FLAT CONCRETE SLAB AND RING. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.

THE ENTIRE DRAW OF TYPES A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED, THE MANHOLE BARREL RAISED THE APPROPRIATE AMOUNT, A NEW DRAW CONSTRUCTED, AND THE RING AND COVER RESET. THE UPPER PORTION OF TYPE 3 MANHOLES SHALL BE REMOVED TO THE BOTTOM OF THE FLAT CONCRETE SLAB, THE BRICK MASONRY BARREL SUPPORTING THE SLAB SHALL BE RAISED THE APPROPRIATE AMOUNT, AND THE SLAB AND RING AND COVER RESET. THE WIDE FLANGE RING AND COVER OF TYPE 4 MANHOLES SHALL BE REMOVED, THE BRICK MASONRY BARREL SUPPORTING THE RING SHALL BE RAISED THE APPROPRIATE AMOUNT AND THE RING AND COVER RESET. ALL WORK REQUIRED FOR A GREATER THAN TWELVE INCH (12") UPWARD ADJUSTMENT OF ANY MANHOLE SHALL BE ACCOMPLISHED WITH BRICK MASONRY IN ACCORDANCE WITH THE DETAILS SHOWN AND THE GENERAL NOTES.

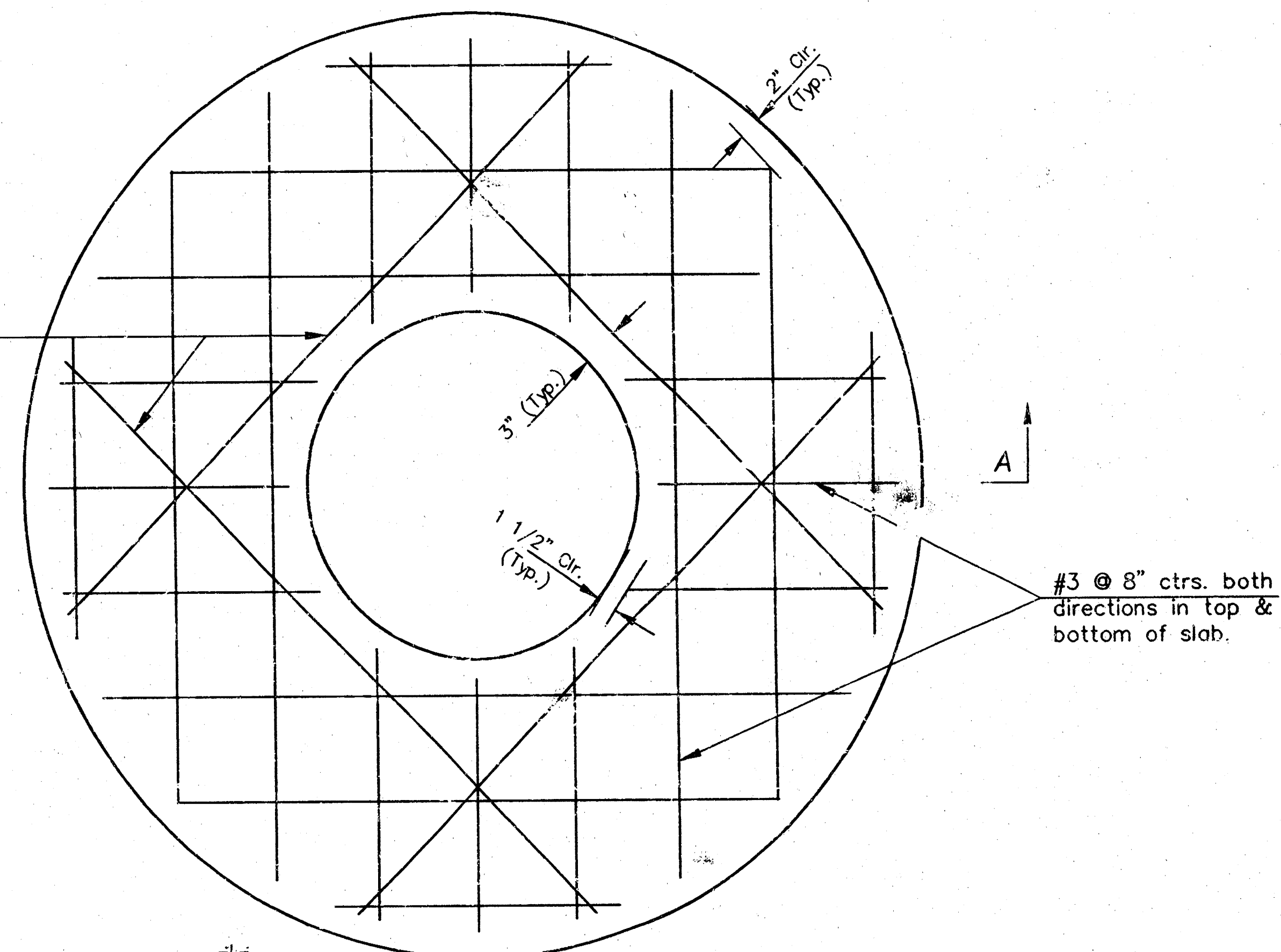


* PLAN
ALTERNATE OPENING
LOCATION

*: To be used only if necessary to keep ring and cover from conflicting with curb or combined curb and gutter. Flat concrete slab shall be rotated on existing manhole to position ring and cover in pavement or behind curb.



SECTION A-A
FLAT CONCRETE SLAB DETAILS



PLAN

THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 455 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-4501 (316) 268-4114 FAX	MANHOLE ADJUSTMENT DETAILS	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER 472-82913	INDEX CODE 764803
	DATE MAR 96	SHEET 4 OF 6

