

GENERAL NOTES:

1. UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS, AND ETCETERA 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 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.
2. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE 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. SAWED JOINT 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 SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.
3. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES AND 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 AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER, WILL LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

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 OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.
4. LIMITS OF EARTHWORK SHALL MATCH EXISTING GROUND ELEVATIONS AT THE RIGHT-OF-WAY LINE UNLESS OTHERWISE NOTED ON THE PLANS WITH A NEW FINISHED GRADE ELEVATION. WHEN A NEW FINISHED GRADE ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND THE RIGHT-OF-WAY LINE AND THEN SLOPED UP OR DOWN USING PERMISSIBLE SLOPES TO MATCH THE EXISTING GROUND SURFACE.
5. 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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
3. DRIVEWAY WIDTHS AND LOCATIONS SHOWN ON THE PLAN ARE TENTATIVE. CONTRACTOR WILL BE REQUIRED TO OBTAIN PROPERLY EXECUTED DRIVEWAY REQUEST FORM SIGNED BY PROPERTY OWNER OR HIS AUTHORIZED REPRESENTATIVE VERIFYING SUCH DRIVEWAY WIDTHS AND LOCATIONS. SUCH FORMS SHALL BE SUBMITTED TO THE ENGINEER FOR HIS REVIEW AND APPROVAL.
7. THE CONTRACTOR SHALL GIVE ALL PROPERTY OWNERS AND/OR TENANTS OF DEVELOPED PROPERTY ADJUTING THE PROJECT LIMITS A MINIMUM OF TEN (10) DAYS ADVANCE NOTICE PRIOR TO START OF CONSTRUCTION.
8. THE CONTRACTOR SHALL MAINTAIN TRAFFIC EASTBOUND AND WESTBOUND ON BOTH LEWIS AND WATERMAN AT ALL TIMES.
9. ANY FENCE REMOVED FOR CONSTRUCTION SHALL BE REPAIRED IN A CONDITION EQUAL TO, OR BETTER THAN ORIGINAL, AT NO ADDITIONAL COST TO THE OWNER.
10. THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR OF THE NATURE OF THE WORK TO BE COMPLETED.
11. ALL CONSTRUCTION AND MATERIALS, UNLESS OTHERWISE NOTED, TO COMPLY WITH CITY OF WICHITA SPECIFICATIONS AND STANDARDS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACQUISITION OF ANY ADDITIONAL RIGHT-OF-WAYS OR EASEMENTS NECESSARY TO COMPLETE THE WORK.

ALLEY IMPROVEMENT
BETWEEN EMPORIA AND ST. FRANCIS
FROM THE N.L. LEWIS TO THE S.L. WATERMAN

PROJ. NO. 472-82141

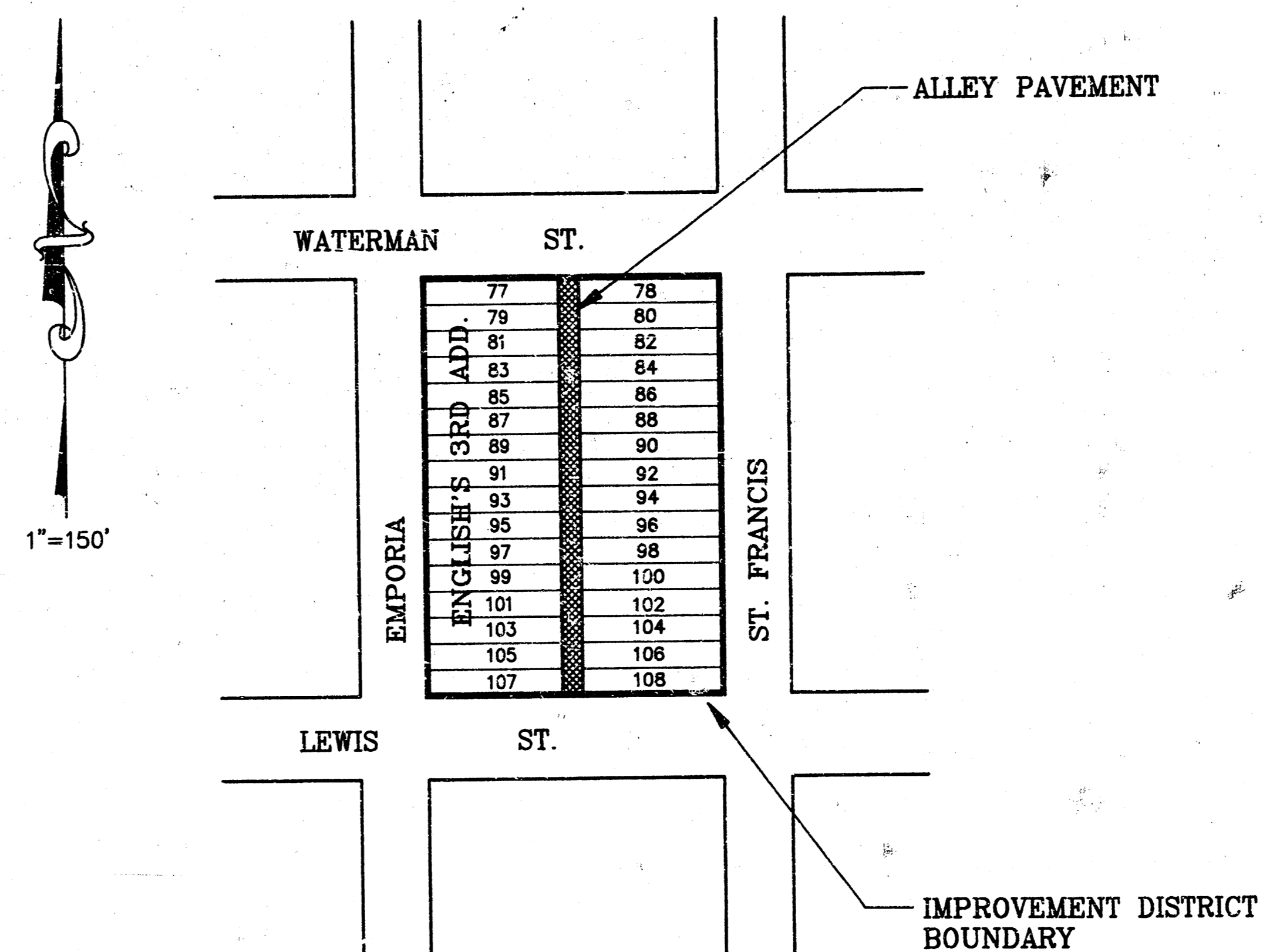
INDEX NO. 761056

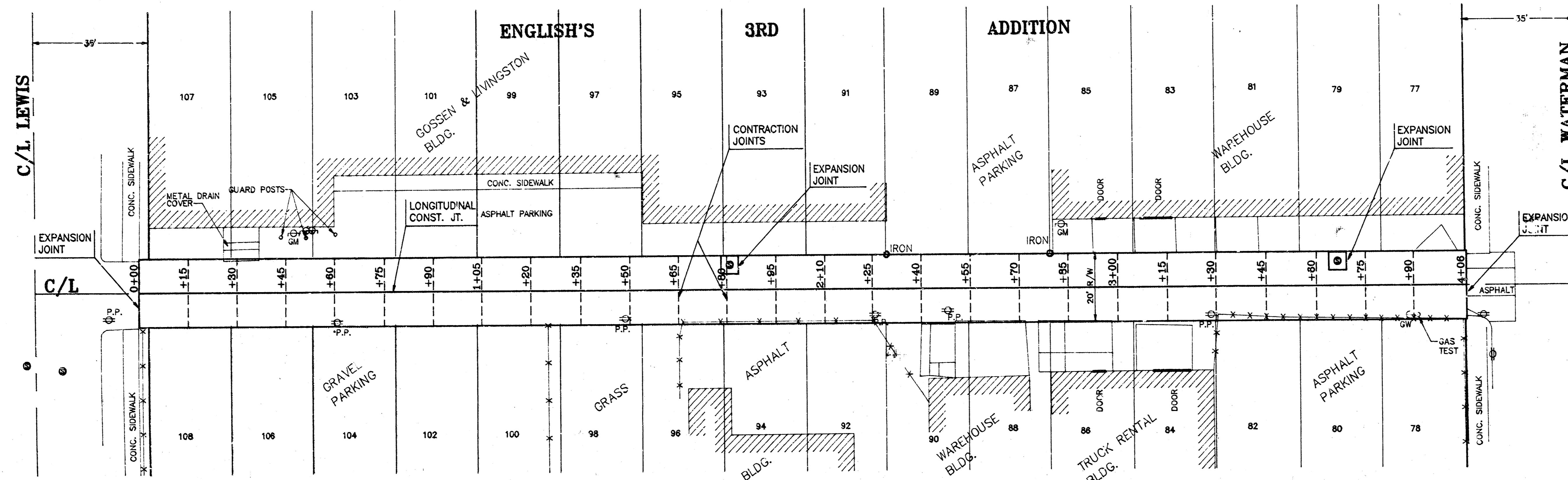
CITY OF WICHITA, KANSAS

M. E. LINDEBAK - CITY ENGINEER

INDEX OF SHEETS

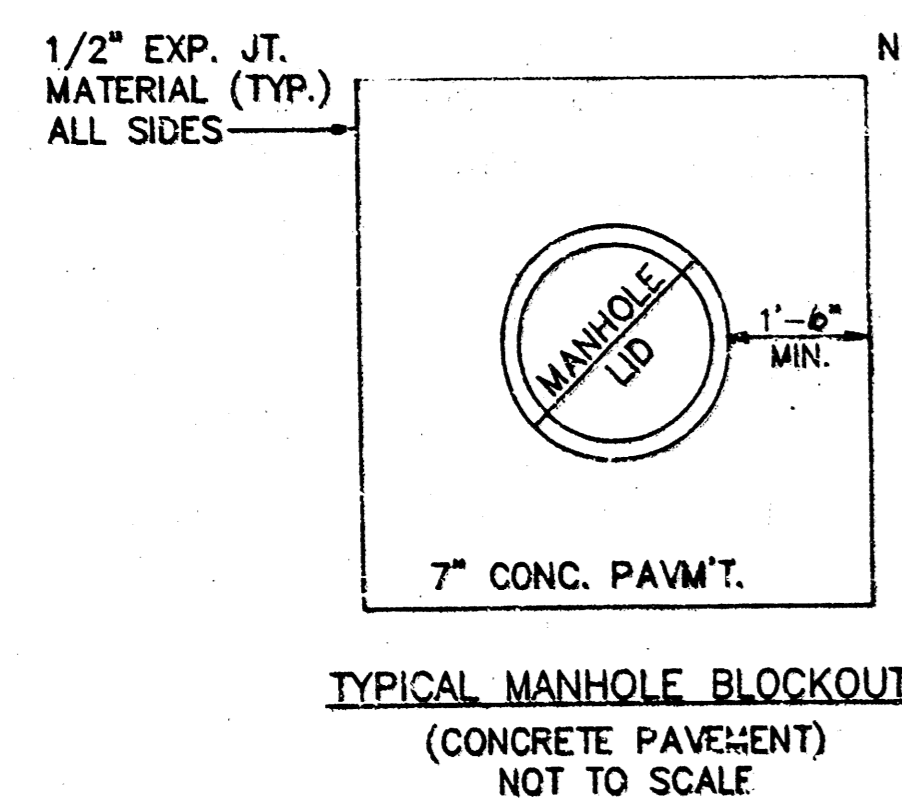
- SHEET 1 - TITLE SHEET
 SHEET 2 - PLAN SHEET
 SHEET 3 - PAVING DETAILS
 SHEET 4 - MH ADJUSTMENT DETAILS
 SHEET 5 - EARTHWORK SECTIONS



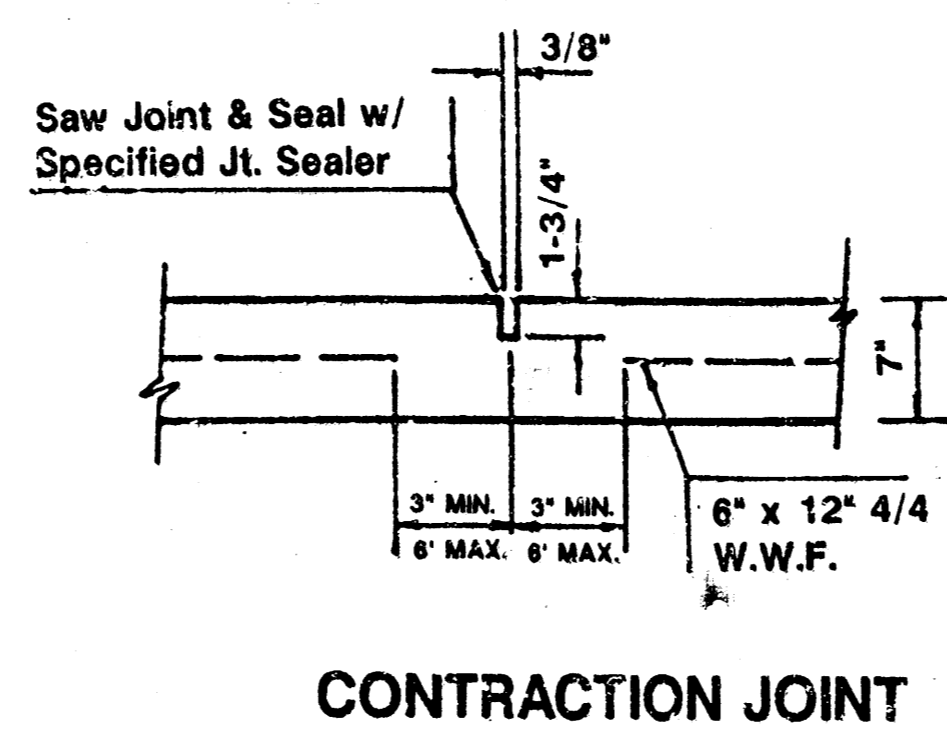
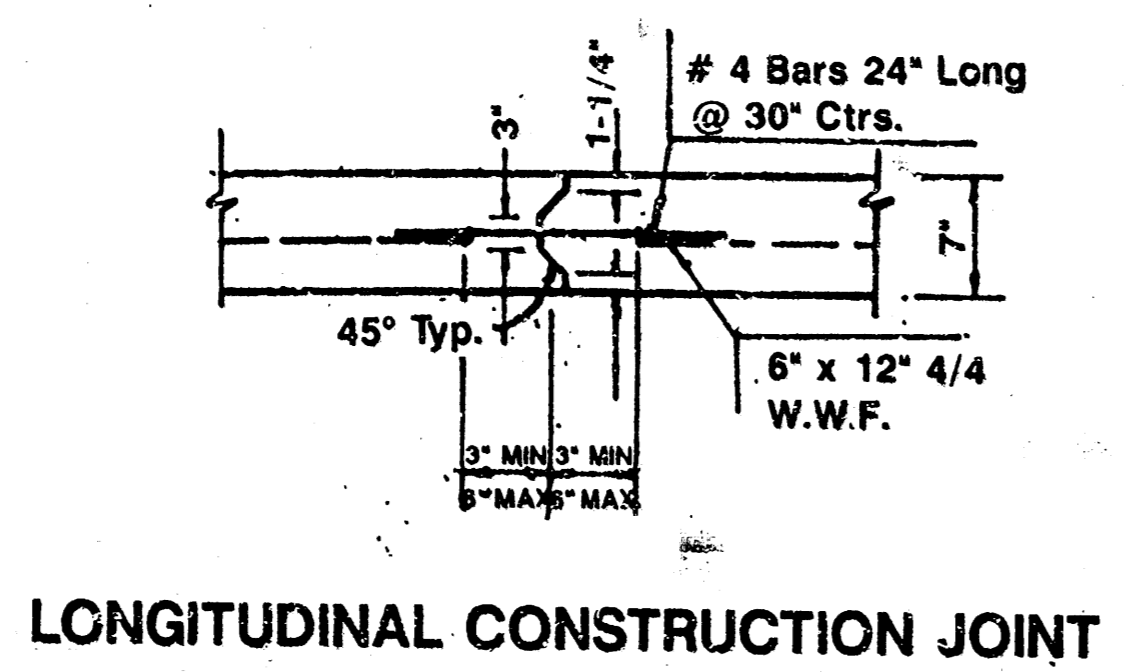
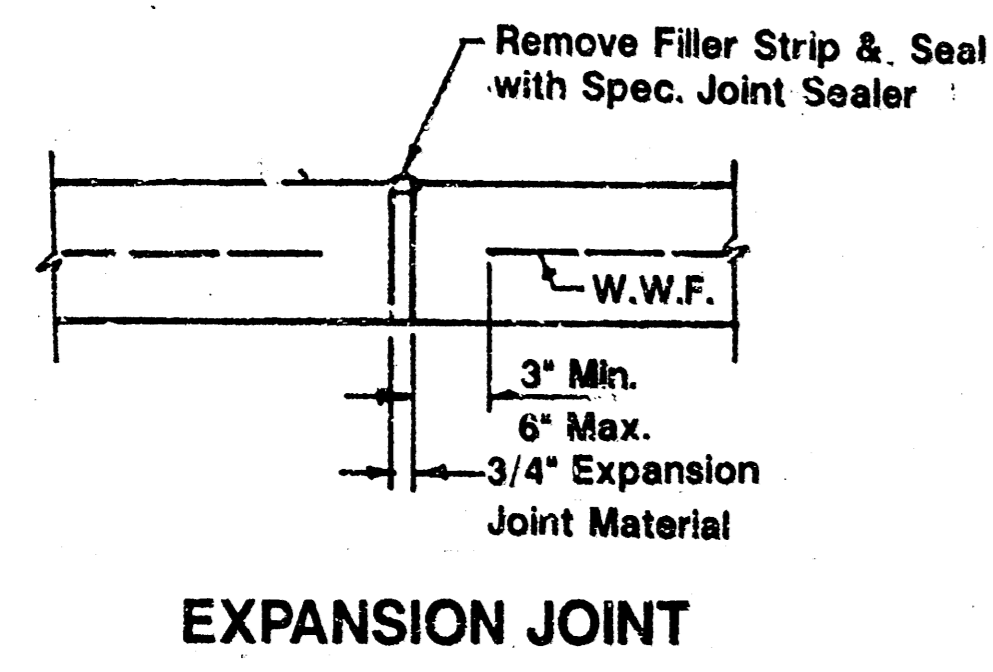
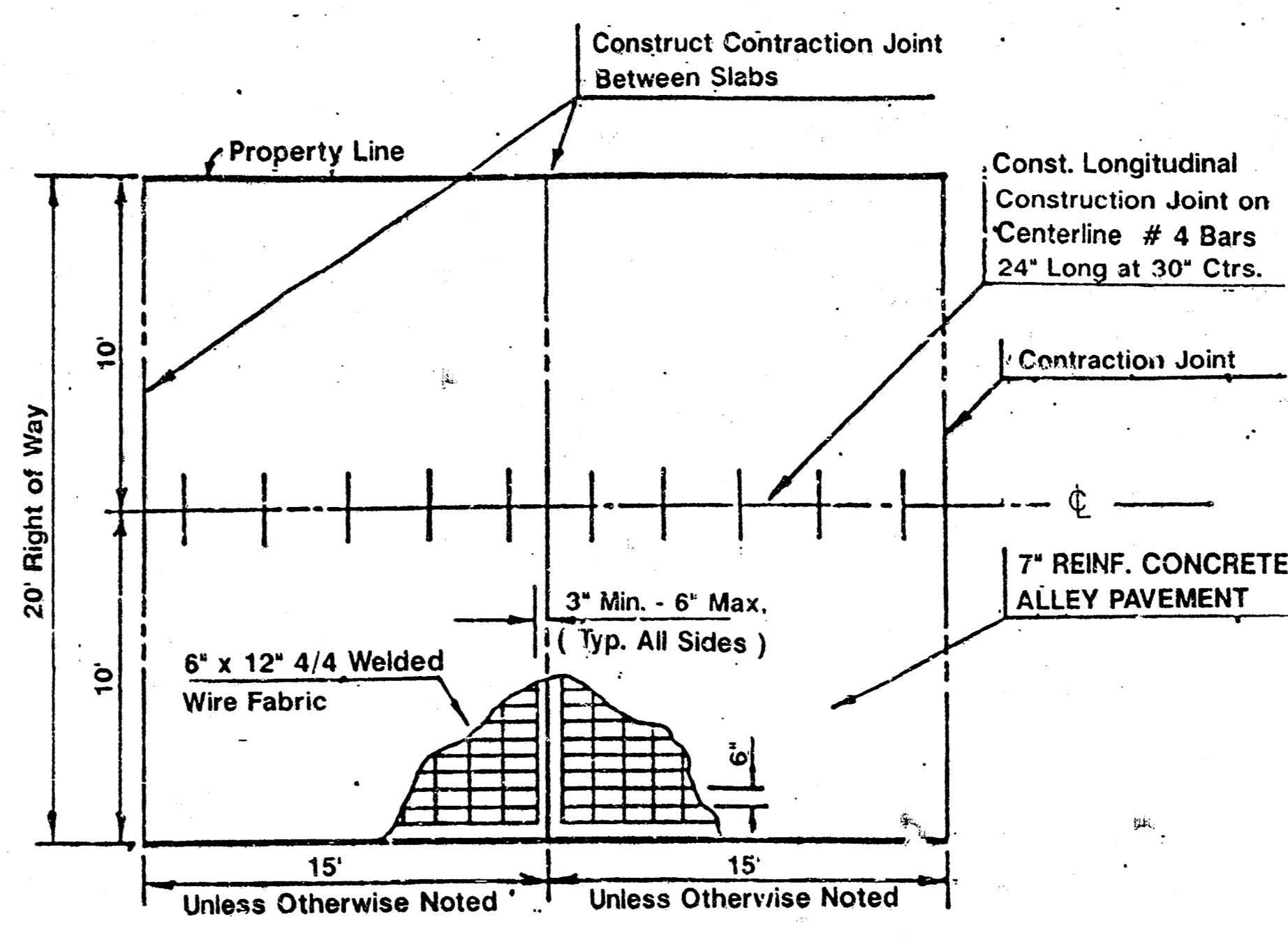
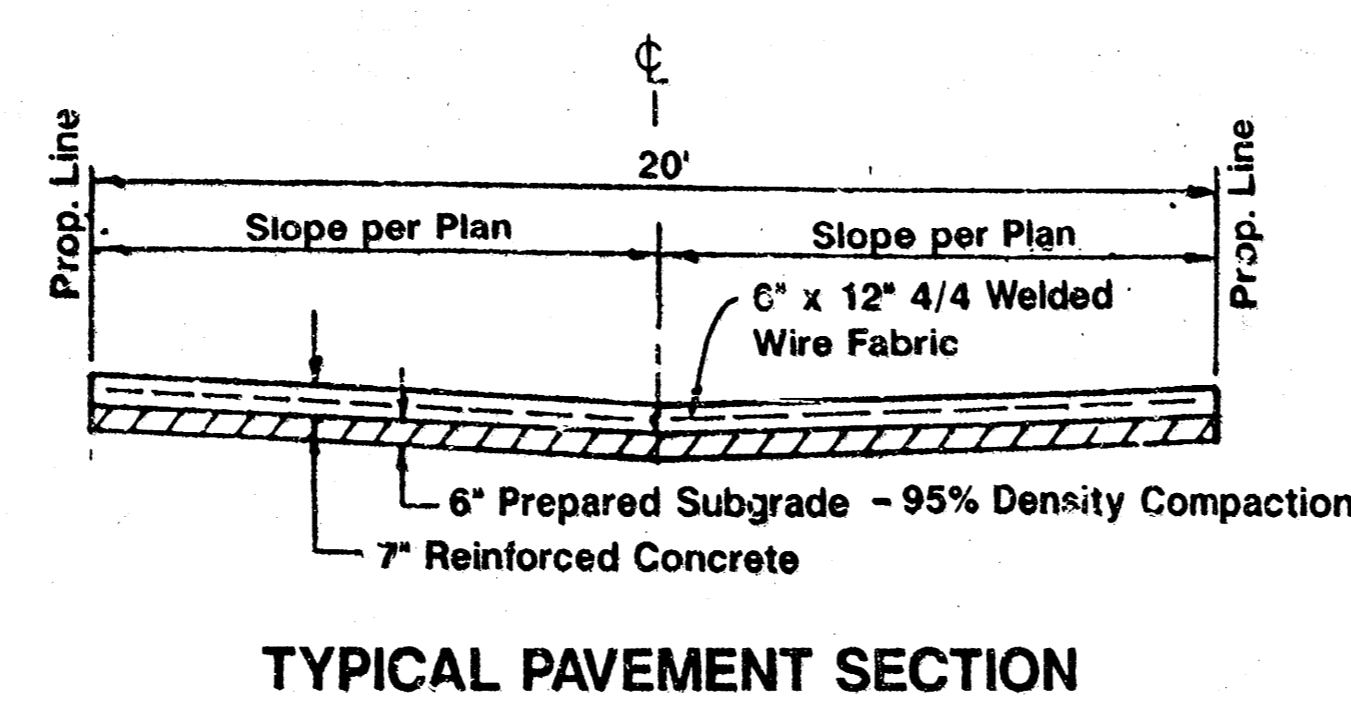


NOTE: ALL COSTS OF REINFORCING STEEL ARE TO BE INCLUDED IN BID PRICE FOR S.Y.
7" REINFORCED CONCRETE ALLEY PAVEMENT.

1"=20'

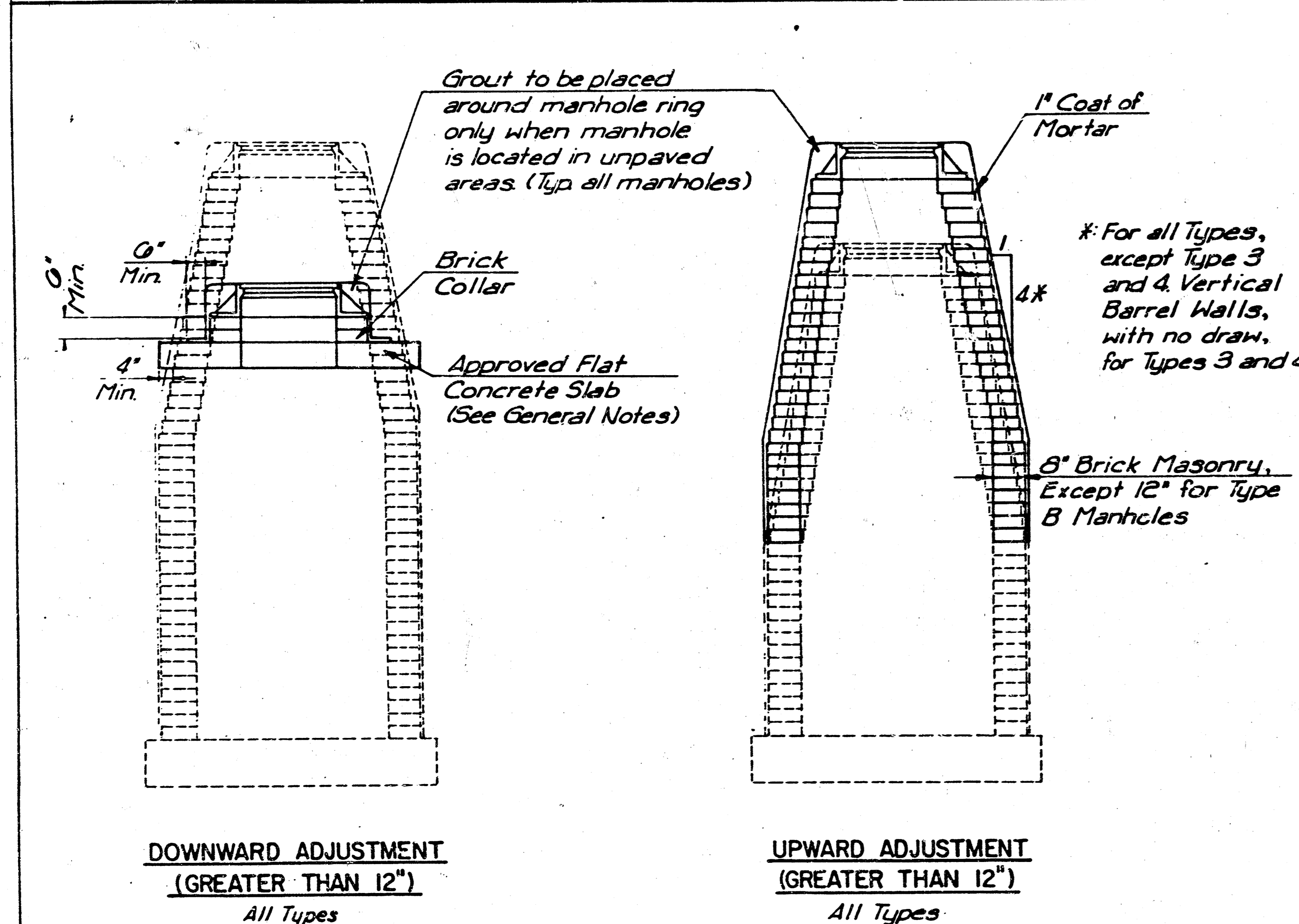
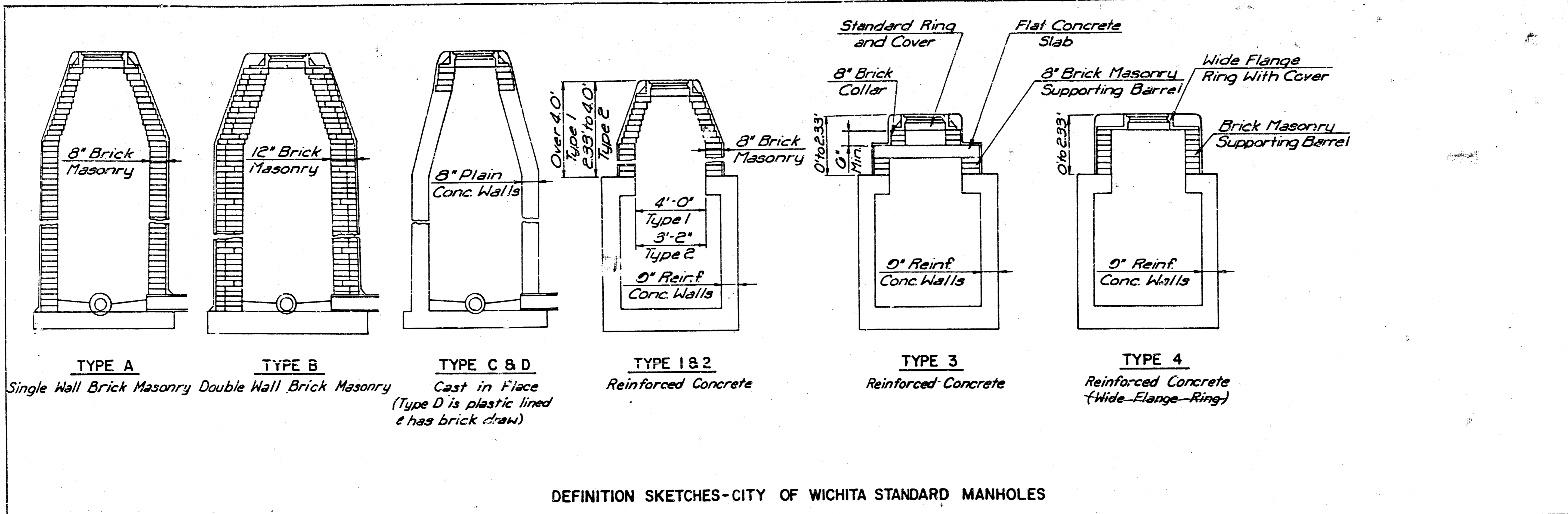


NOTE: REINFORCE W/ 2-#4 BARS ON ALL FOUR SIDES.



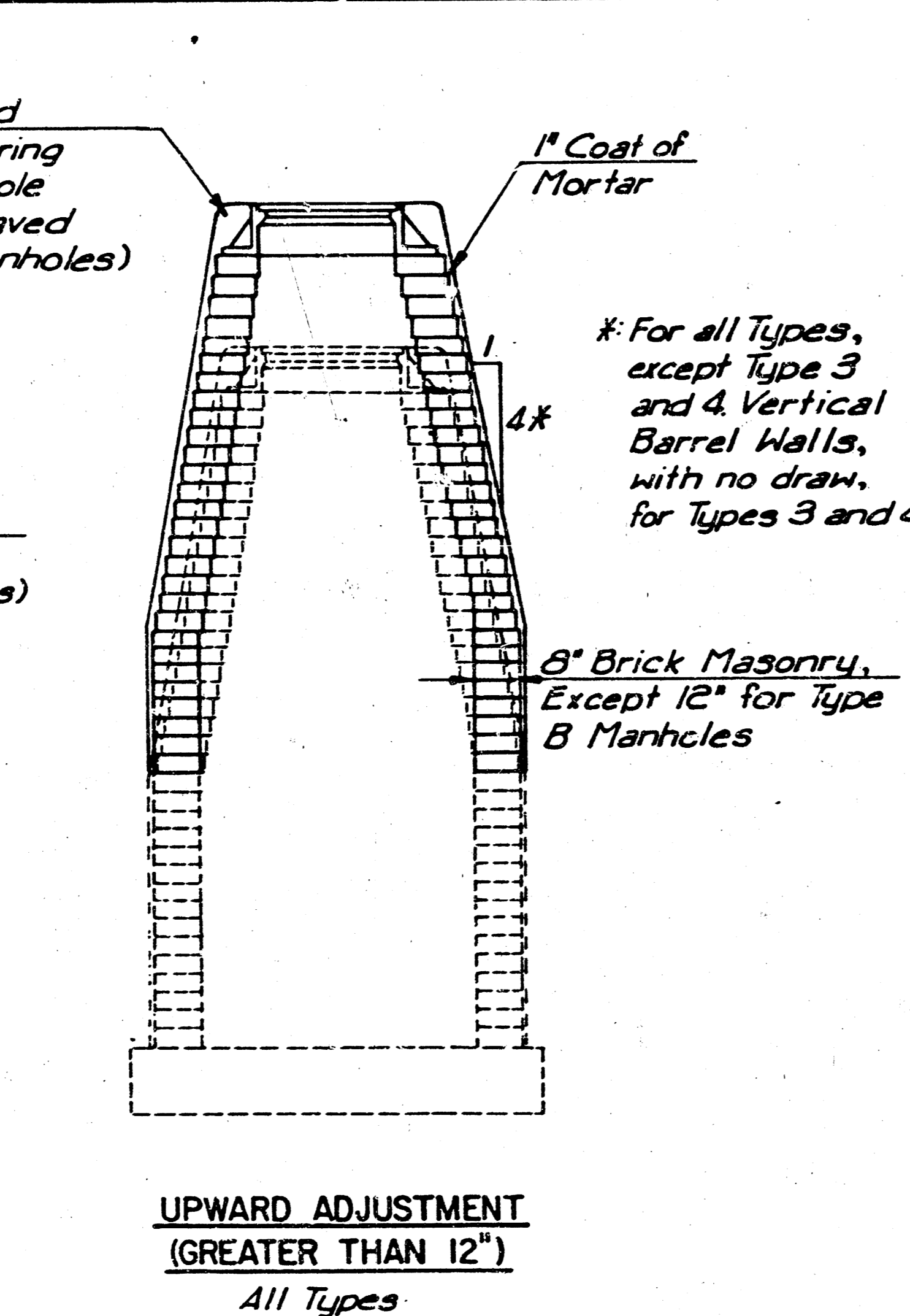
PROJECT DESCRIPTION
PROJ. NO. 472-82141
INDEX NO. 781086

PROJECT NUMBER
SHEET 3 OF 5

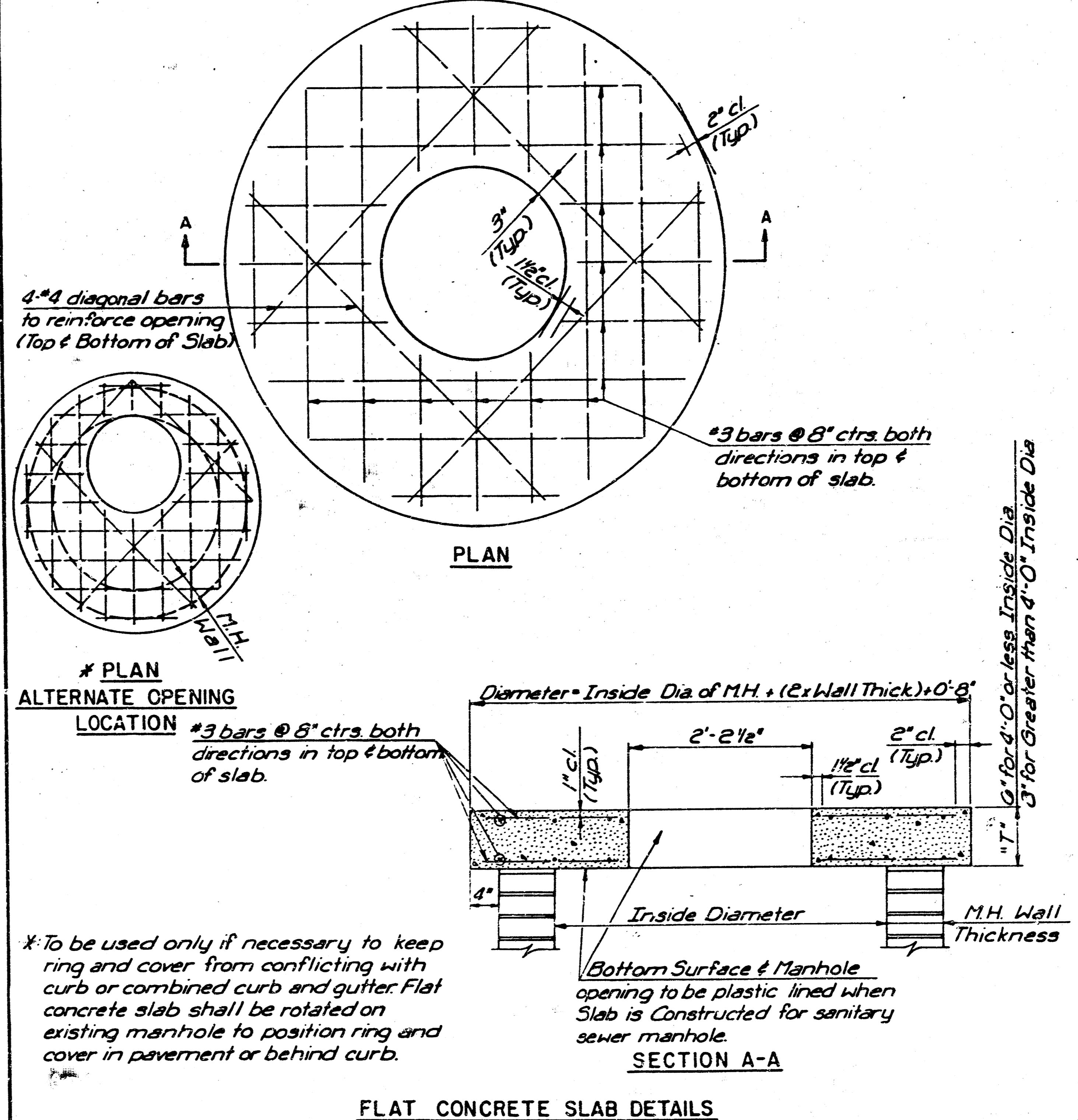


THE APPROPRIATE PORTIONS OF THE DRAW AND BARREL OF TYPE A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED. A FLAT CONCRETE SLAB SHALL BE PLACED AND THE RING AND COVER RESET. ALL WORK AND MATERIALS SHALL CONFORM TO THE DETAILS SHOWN AND THE GENERAL NOTES.

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.

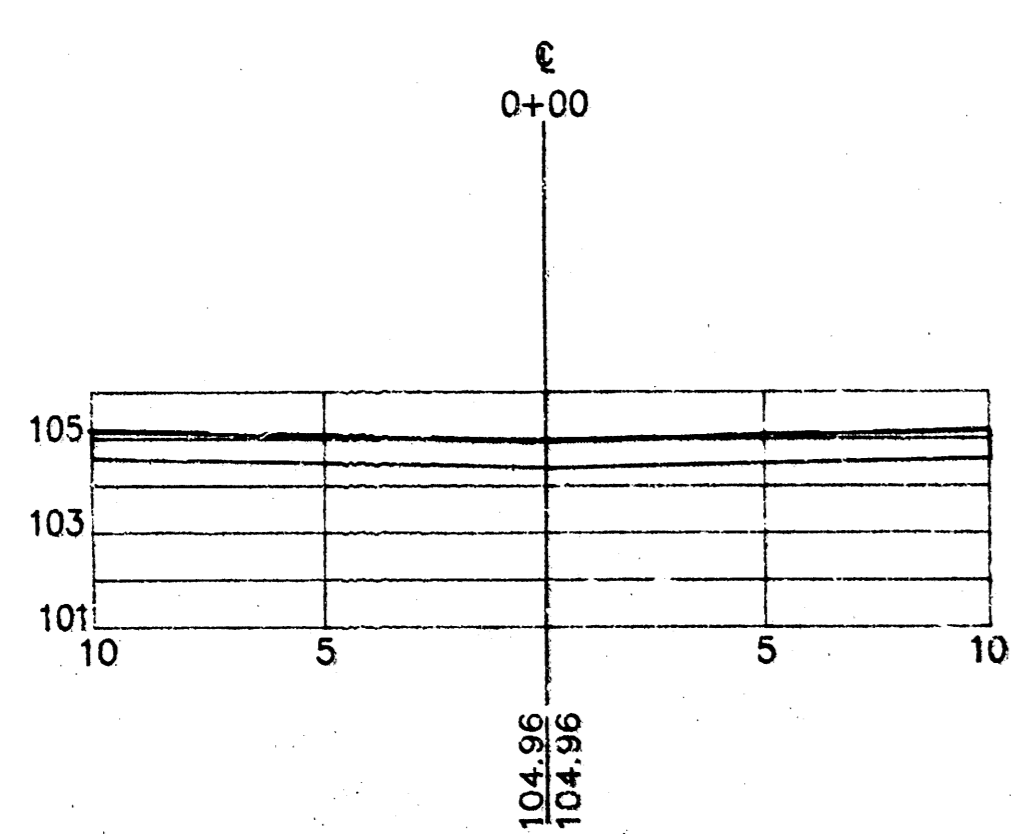


THE ENTIRE DRAW OF TYPES A, B, C, D, 1 AND 2 MANHOLES SHALL BE REMOVED. THE MANHOLE BARREL RAISED THE APPROPRIATE AMOUNT, A NEW DRAW CONSTRUCTED, AND THE RING AND COVER RESET. THE UPPER PORTION OF TYPE 3 MANHOLES SHALL BE REMOVED TO THE BOTTOM OF THE FLAT CONCRETE SLAB, THE BRICK MASONRY BARREL SUPPORTING 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.

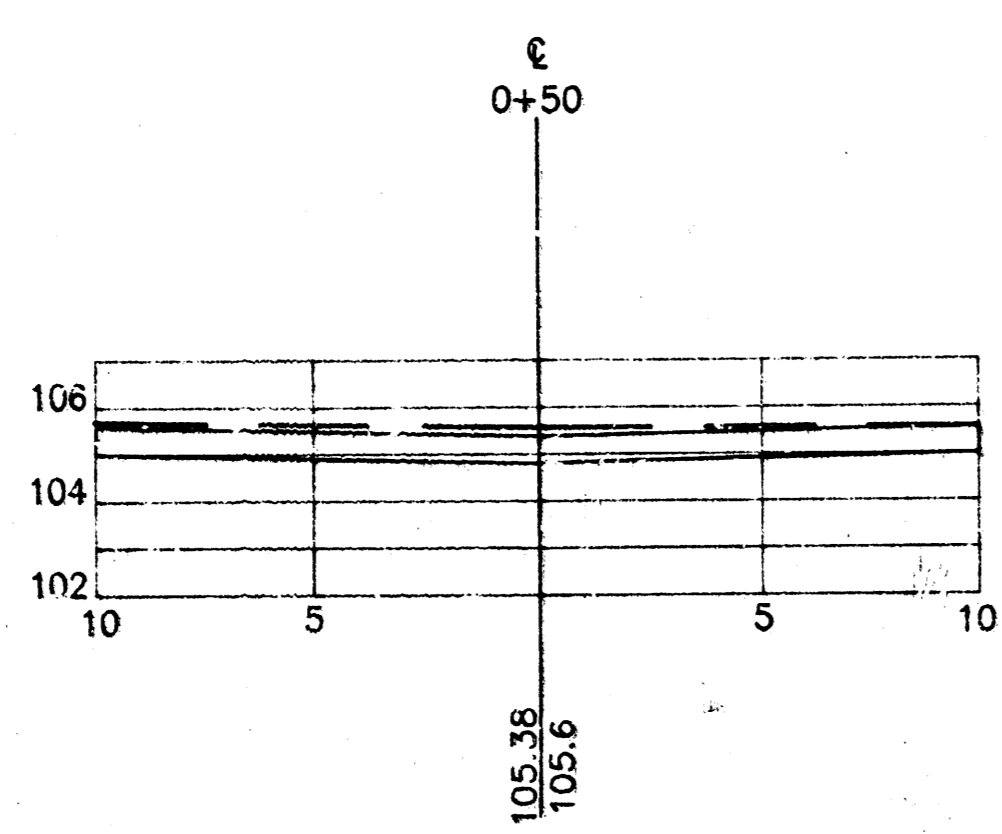


* To be used only if necessary to keep ring and cover from conflicting with curb or combined curb and gutter. Flat concrete slab shall be rotated on existing manhole to position ring and cover in pavement or behind curb.

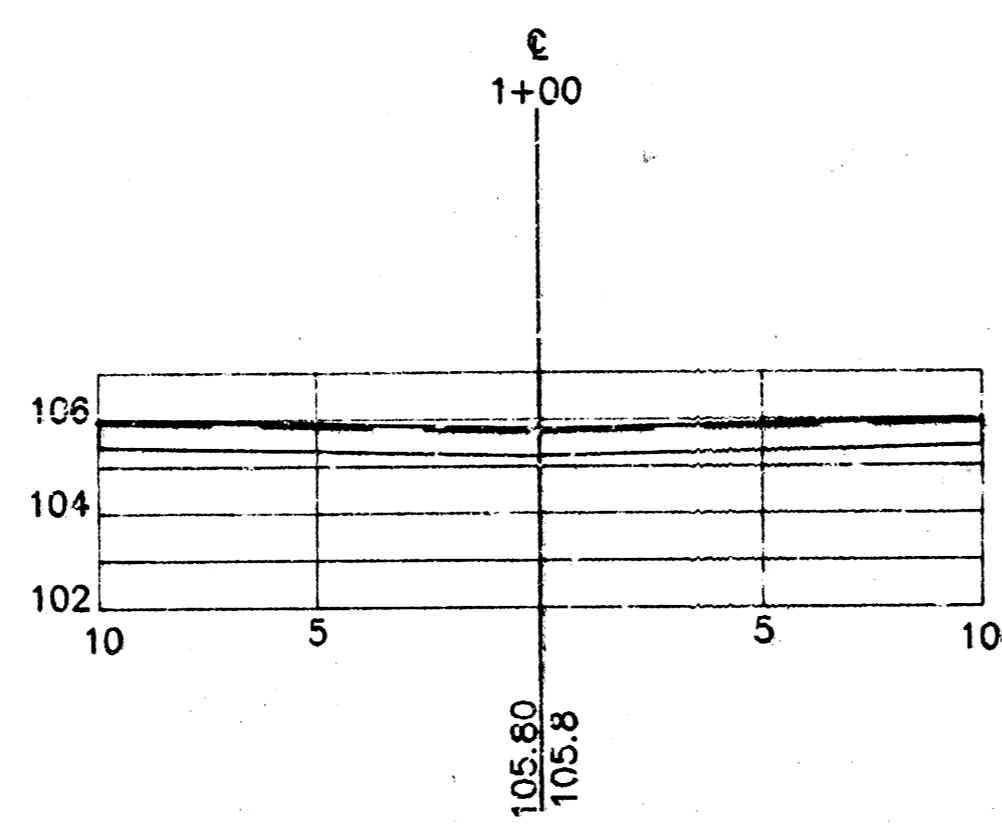
MANHOLE ADJUSTMENT DETAILS			
CITY OF WICHITA, KANSAS			
M. E. LINDEBAK - CITY ENGINEER			
Designed by	Checked by	Date	JOB No.
Drawn by			



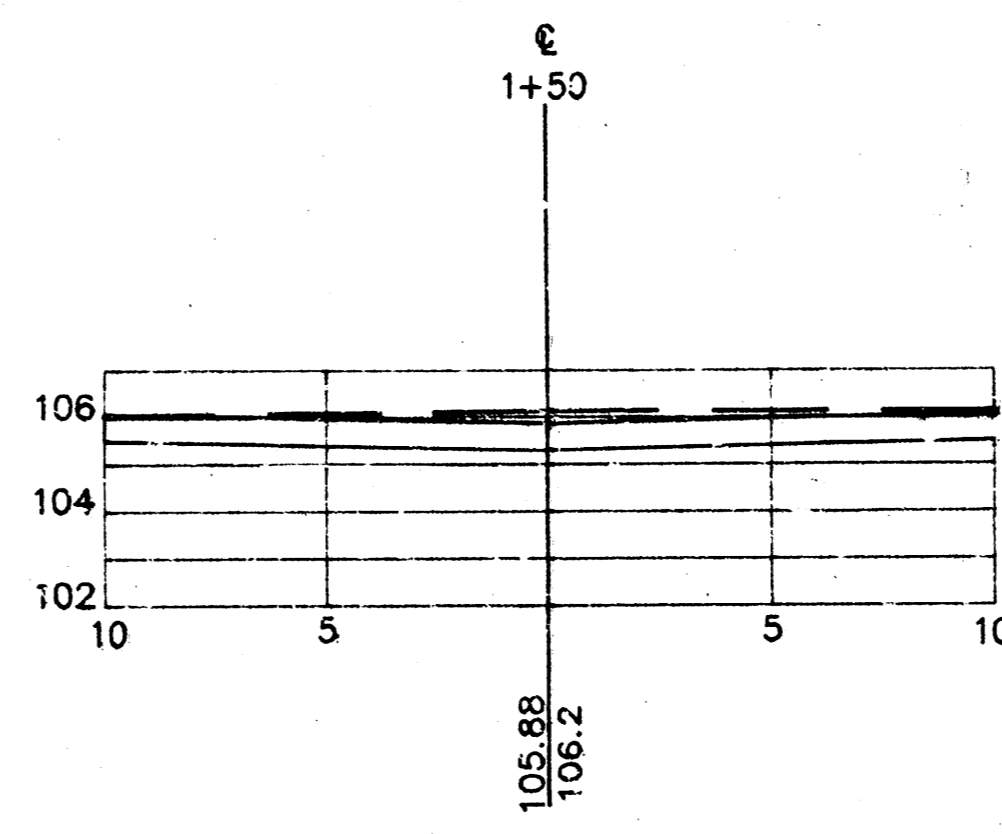
STA 0+00
FILL AREA = .0 sq ft
CUT AREA = 11.7 sq ft



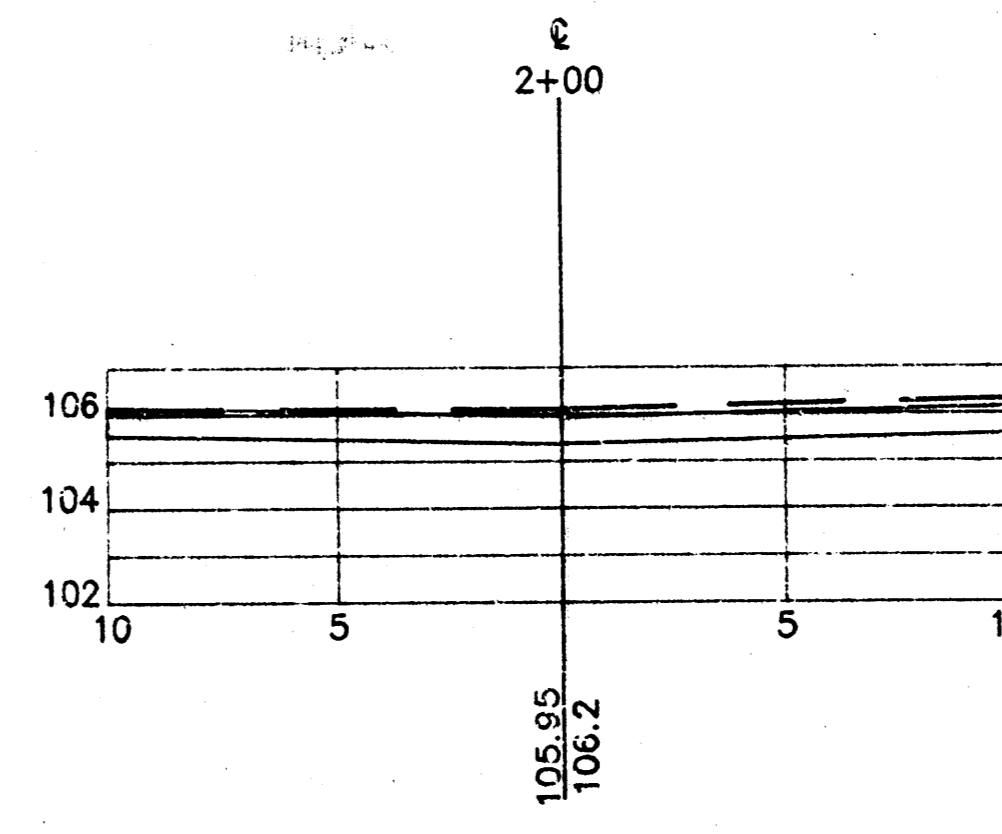
STA 0+50
FILL AREA = .0 sq ft
CUT AREA = 14.6 sq ft



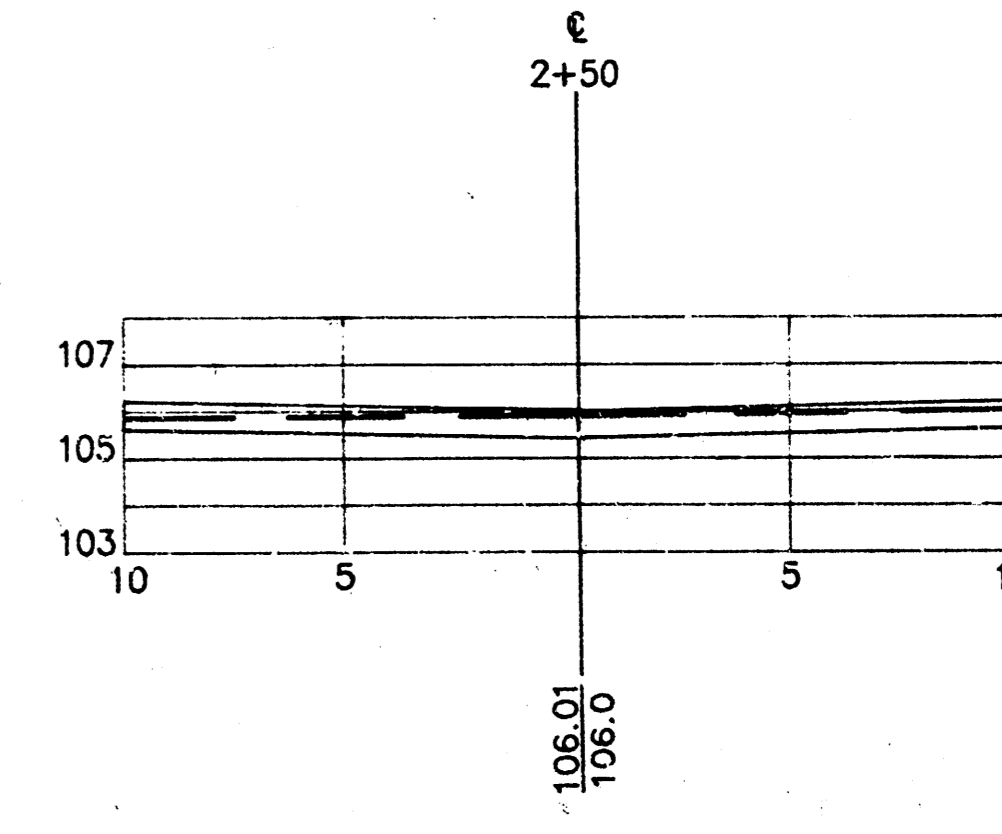
STA 1+00
FILL AREA = .0 sq ft
CUT AREA = 11.7 sq ft



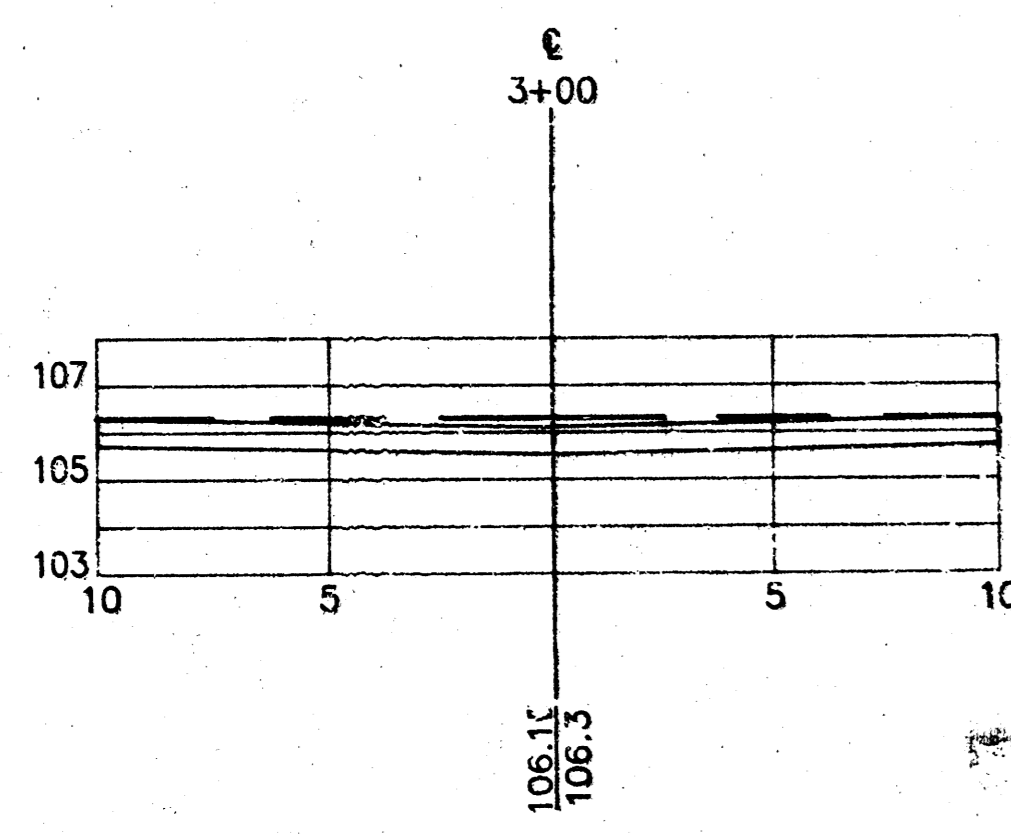
STA 1+50
FILL AREA = .0 sq ft
CUT AREA = 15.6 sq ft



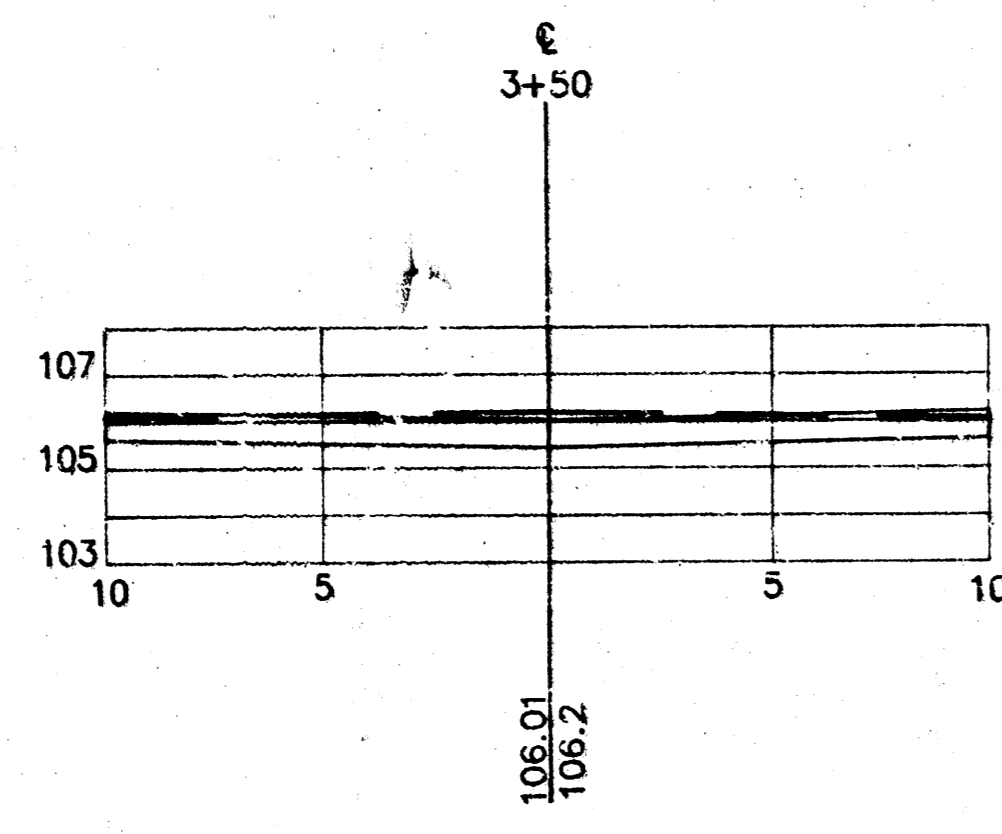
STA 2+00
FILL AREA = .0 sq ft
CUT AREA = 15.7 sq ft



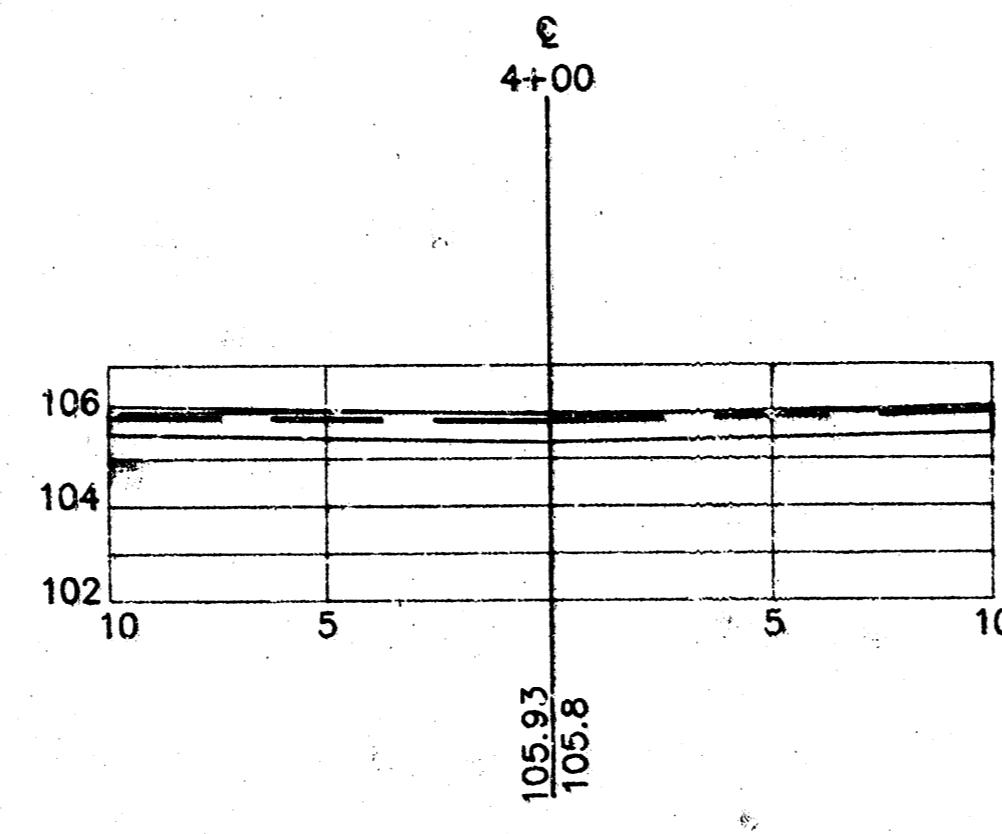
STA 2+50
FILL AREA = .0 sq ft
CUT AREA = 7.8 sq ft



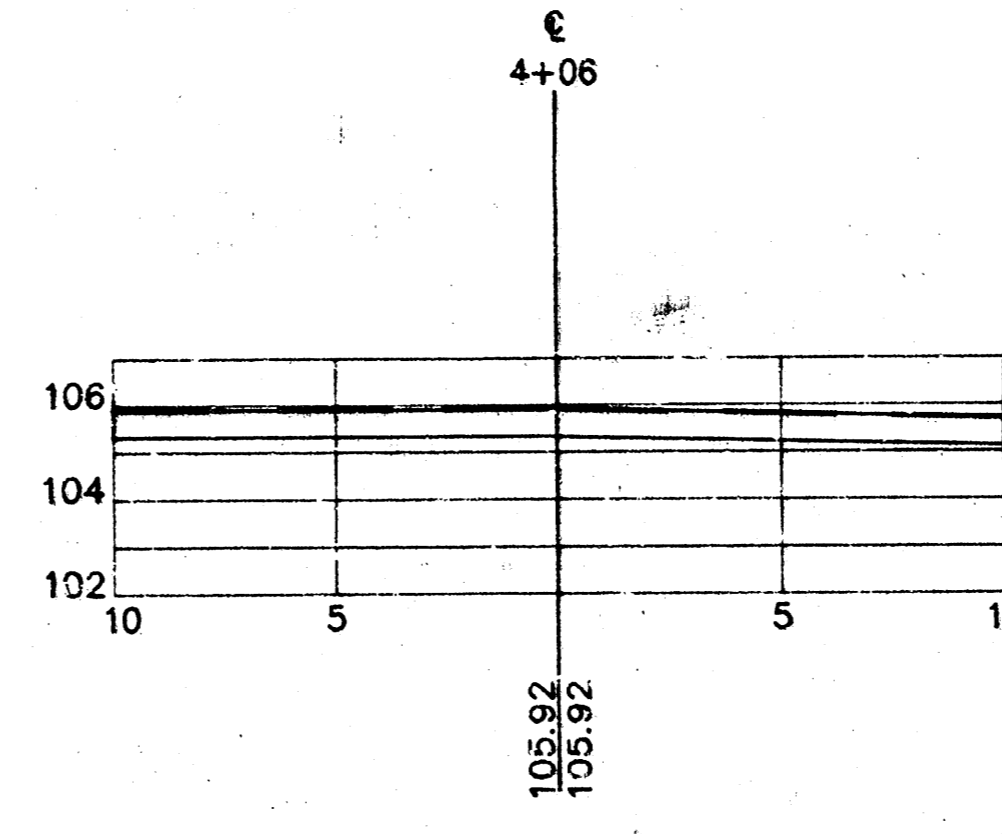
STA 3+00
FILL AREA = .0 sq ft
CUT AREA = 13.7 sq ft



STA 3+50
FILL AREA = .0 sq ft
CUT AREA = 12.2 sq ft



STA 4+00
FILL AREA = .0 sq ft
CUT AREA = 8.6 sq ft



STA 4+06
FILL AREA = .0 sq ft
CUT AREA = 11.7 sq ft

STATION	AREAS in SQ FT		VOLUMES in CU YDS	
	CUT	FILL	CUT	FILL
0+00	12.01	.00	24.61	.00
0+50	14.56	.00	24.28	.00
1+00	11.66	.00	25.21	.00
1+50	15.56	.00	28.91	.00
2+00	15.66	.00	21.74	.00
2+50	7.81	.00	19.88	.00
3+00	13.66	.00	23.96	.00
3+50	12.21	.00	19.24	.00
4+00	8.56	.00	2.25	.00
4+06	11.66	.00	190.07	.00

EARTHWORK SECTIONS
SCALE 1"=5'

PROJ. NO. 472-82141
INDEX NO. 761056
DRAWN BY L. POWERS

SHEET 5 OF 5