

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 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.
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 OF A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
6. 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

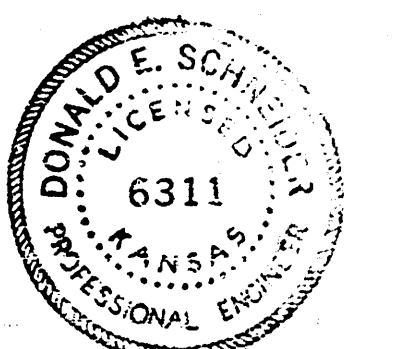
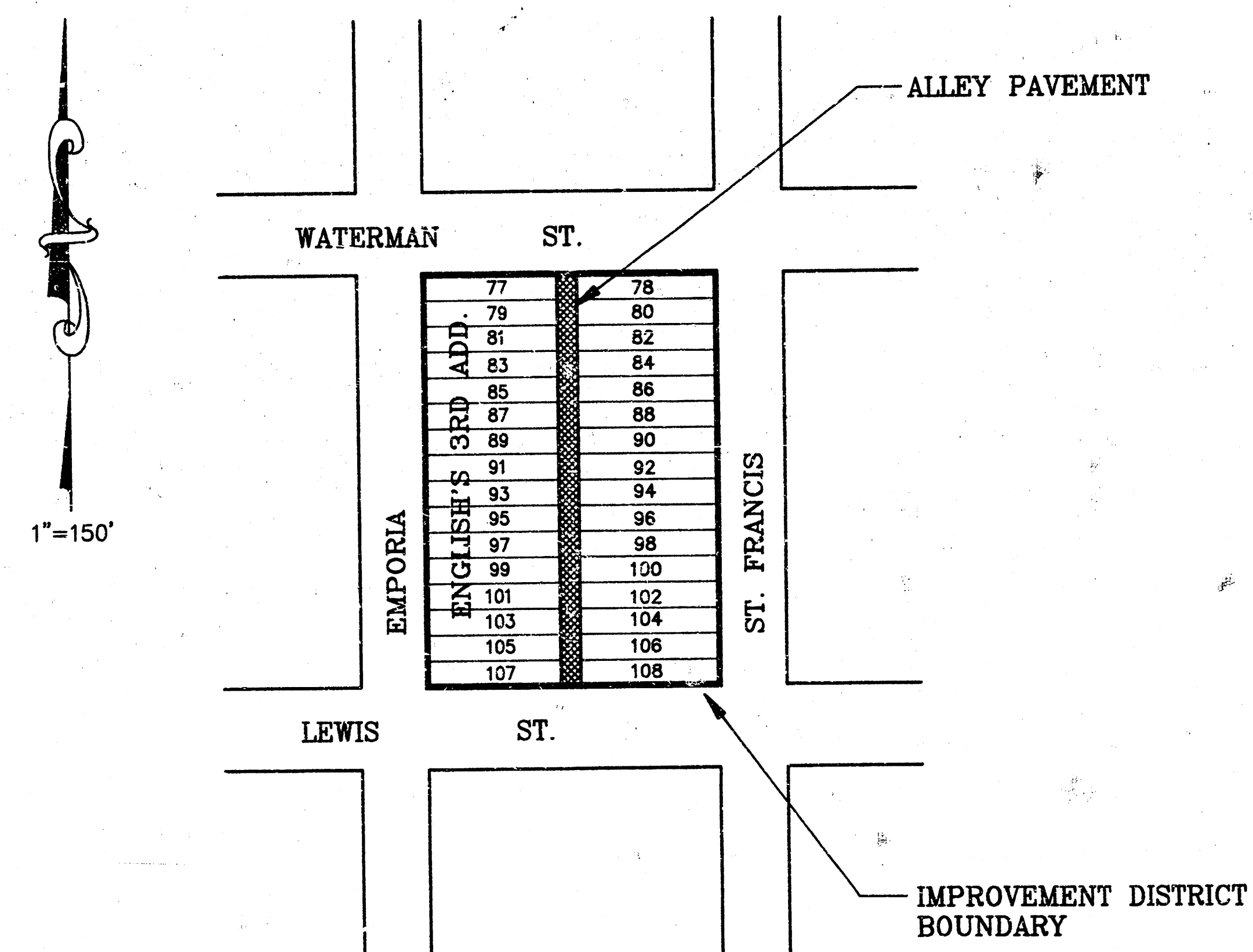
PROJ. NO. 472-82141

INDEX NO. 761056

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

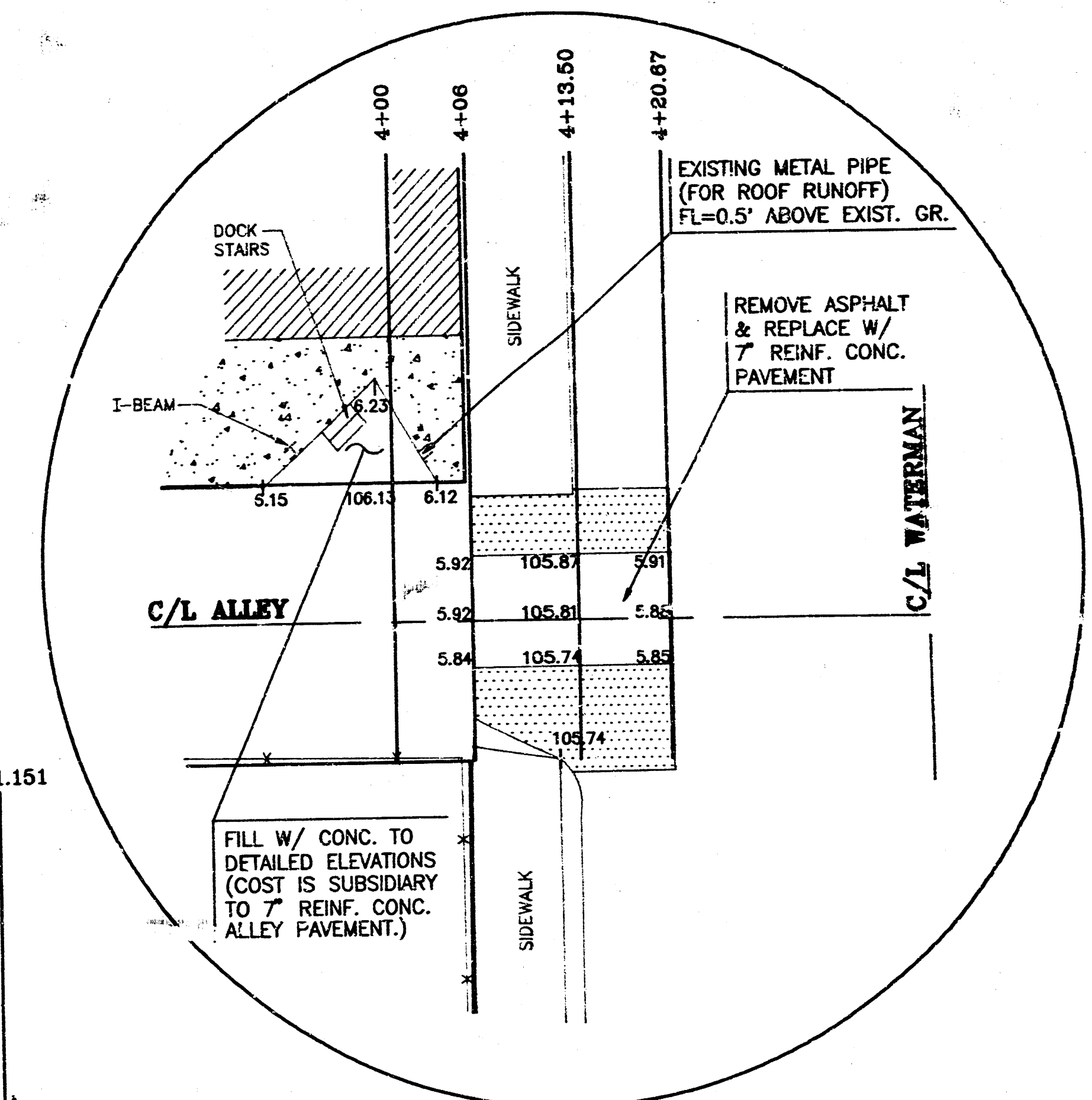
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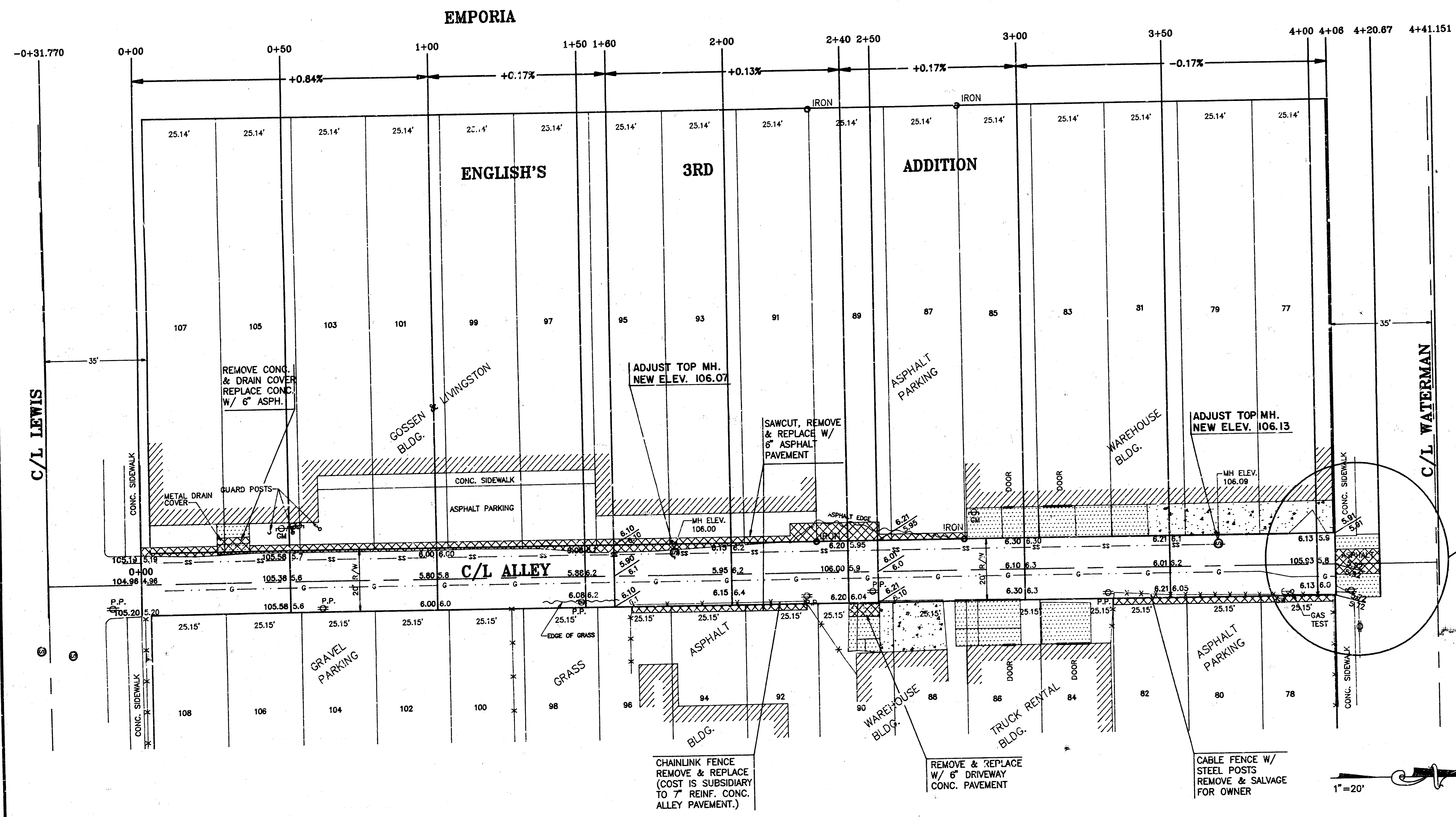


BM. "T" IN TROY ON FIRE HYDRANT AT
NW. CORNER ST. FRANCIS AND WATERMAN
ELEV. 109.48

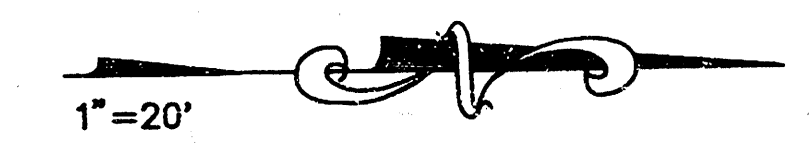
BM. "X" CUT ON WEST ALLEY RETURN AT SIDEWALK
ON NORTH SIDE WATERMAN BETWEEN EMPORIA AND ST. FRANCIS
ELEV. 109.06



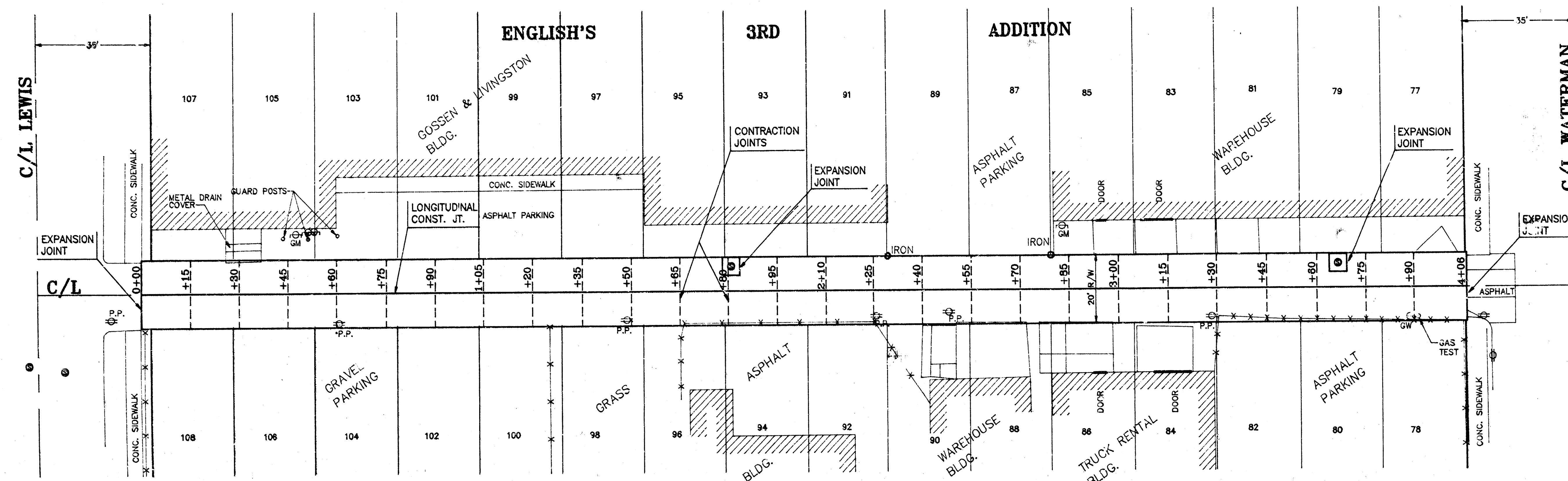
DETAIL "A"
1"=10'
(FINISHED GRADE ELEVATIONS)



- LEGEND**
- DOCK AREA
 - EXISTING CONCRETE
 - REMOVAL
 - KPL GAS LINE
 - SAN. SEW. LINE

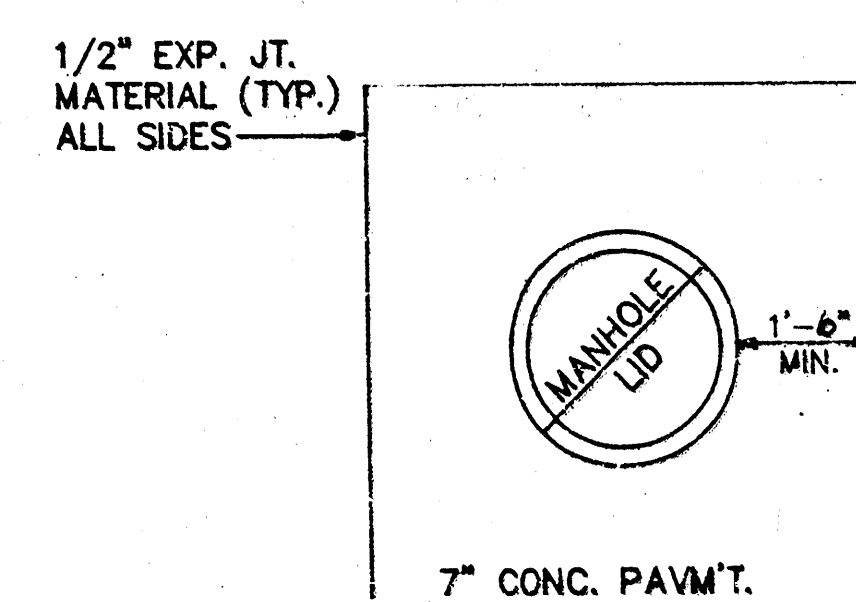


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INDEX NO. 781056
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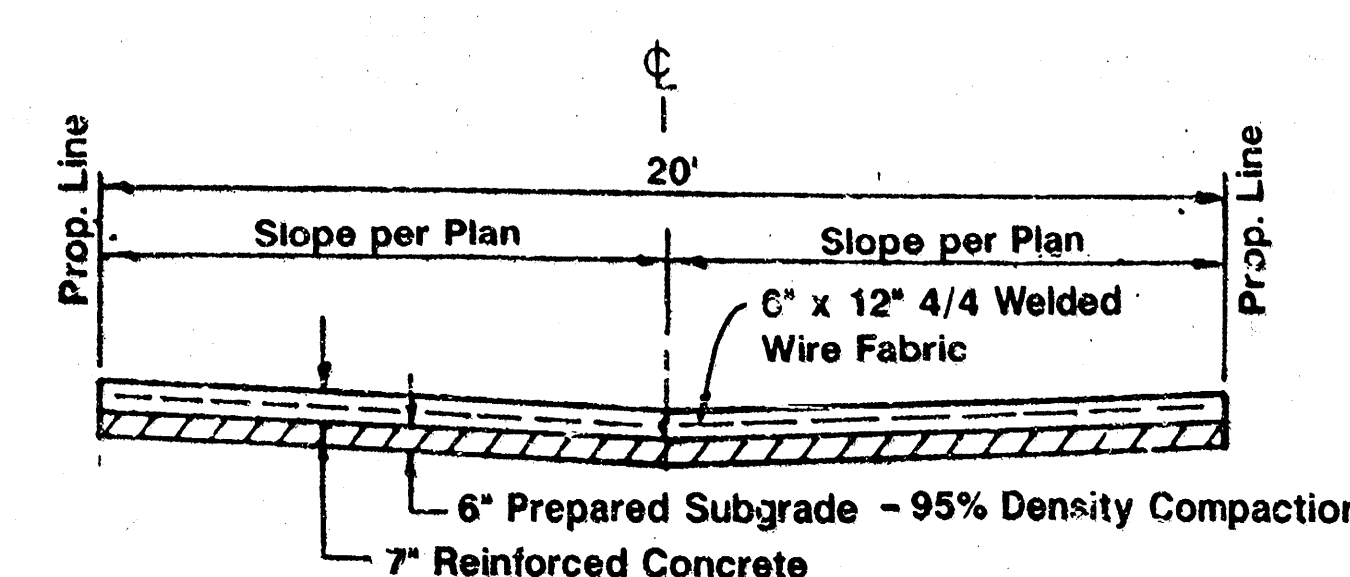
NOTE: ALL COSTS OF REINFORCING STEEL ARE TO BE INCLUDED IN BID PRICE FOR S.Y. 7" REINFORCED CONCRETE ALLEY PAVEMENT.

1"=20'

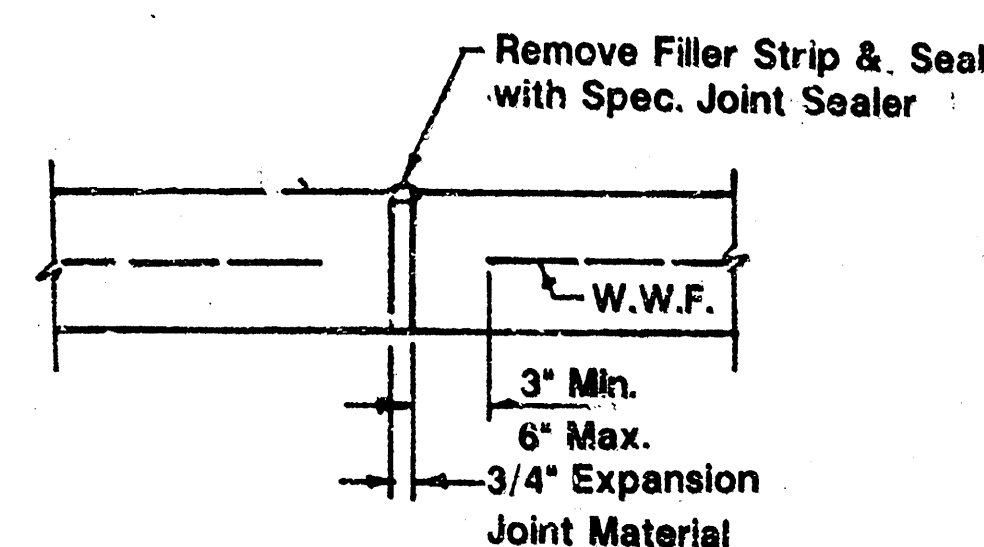


TYPICAL MANHOLE BLOCKOUT (CONCRETE PAVEMENT) NOT TO SCALE

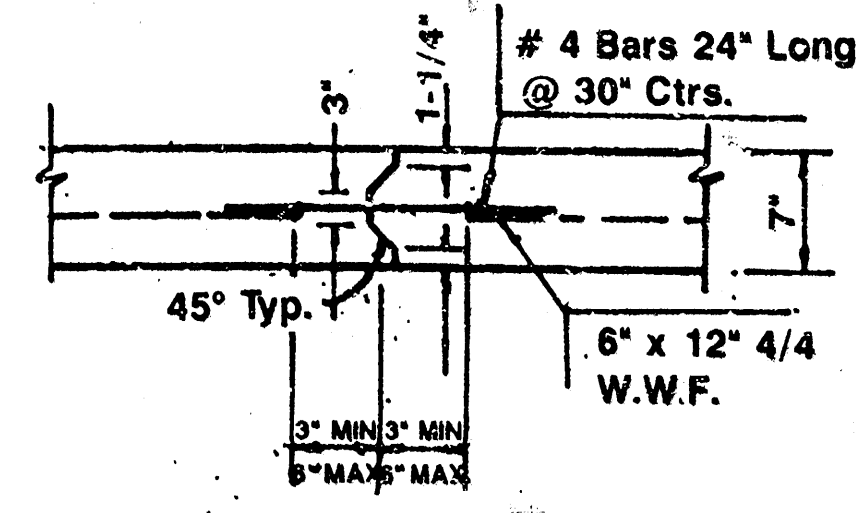
NOTE: REINFORCE W/ 2-#4 BARS ON ALL FOUR SIDES.



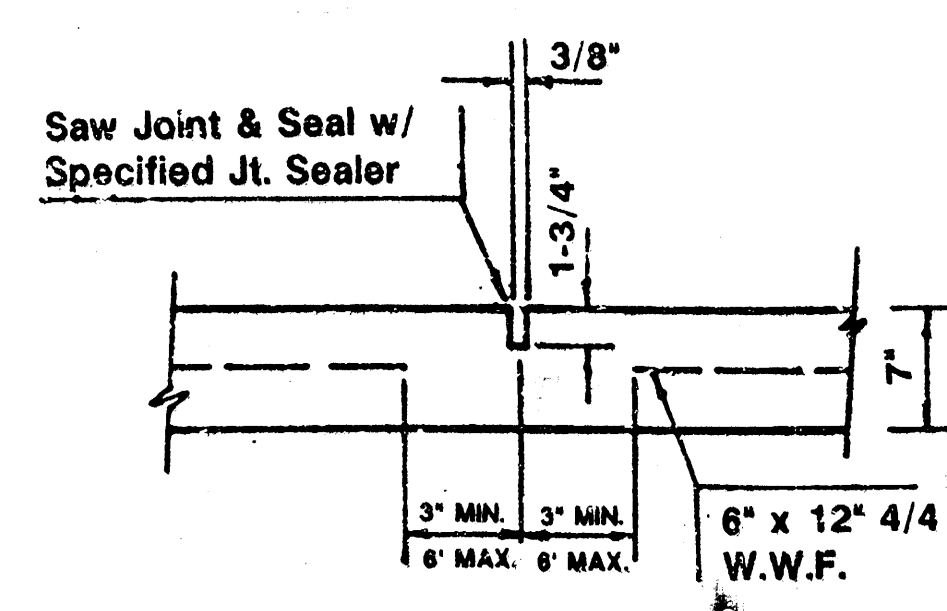
TYPICAL PAVEMENT SECTION



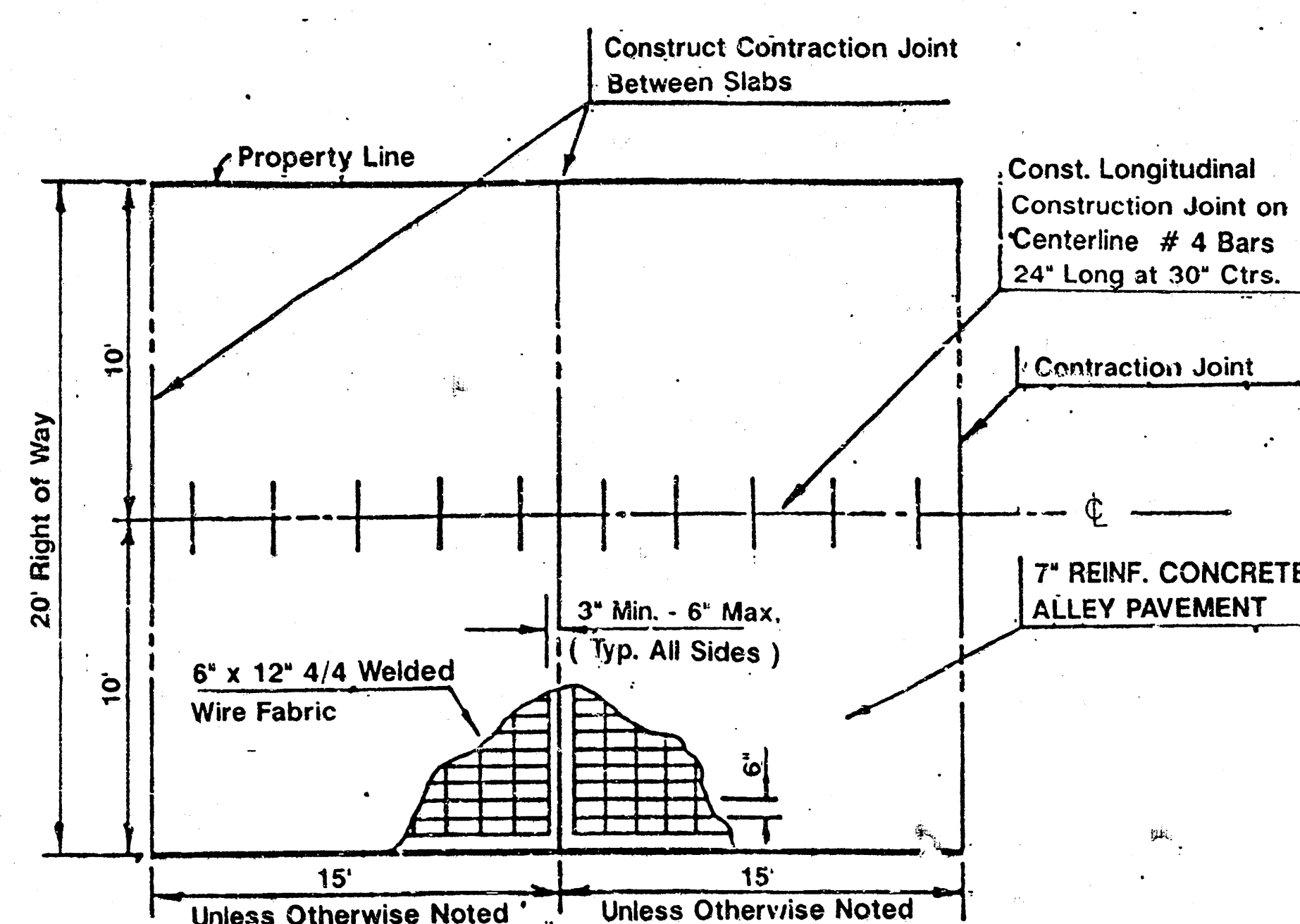
EXPANSION JOINT



LONGITUDINAL CONSTRUCTION JOINT



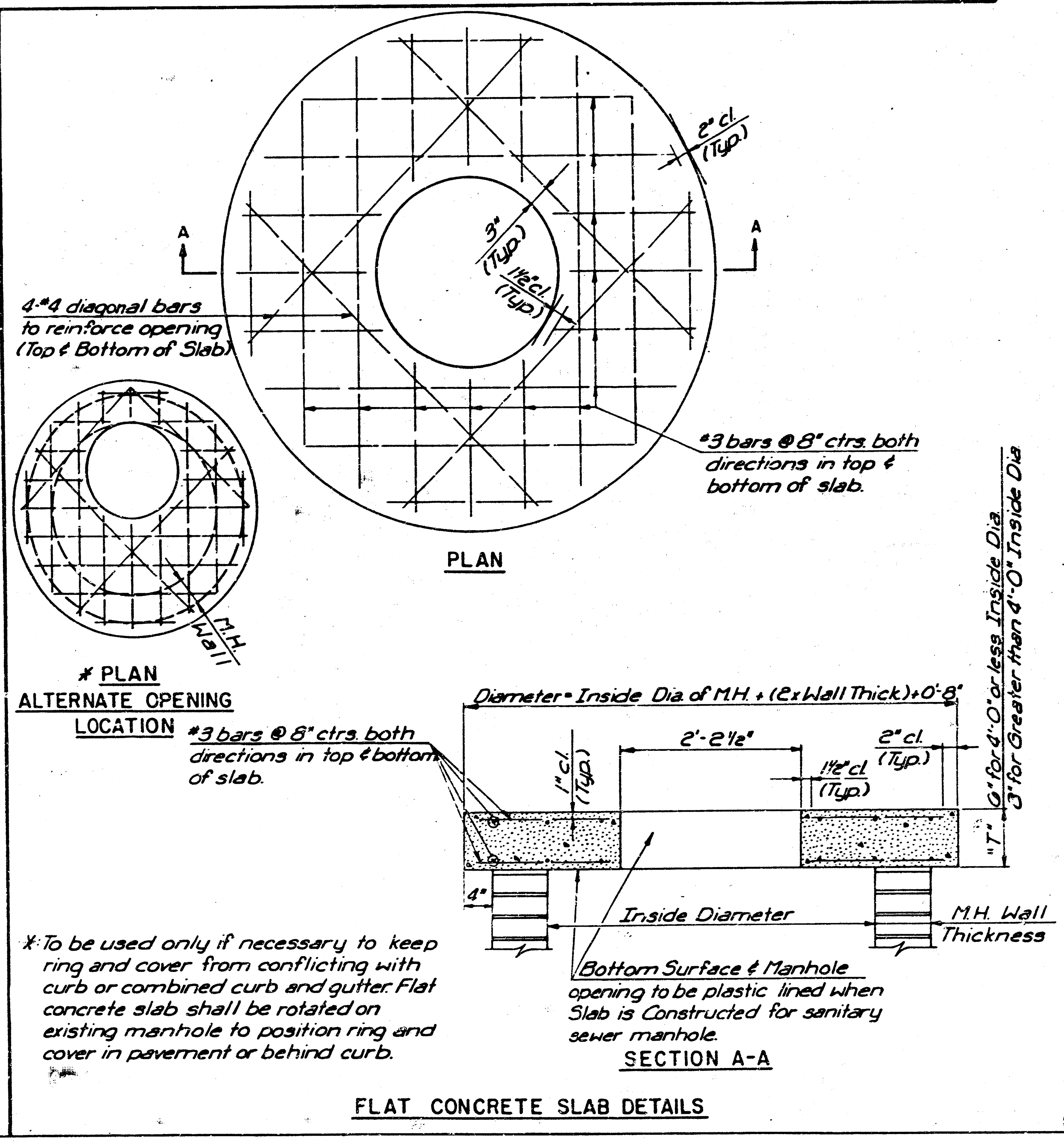
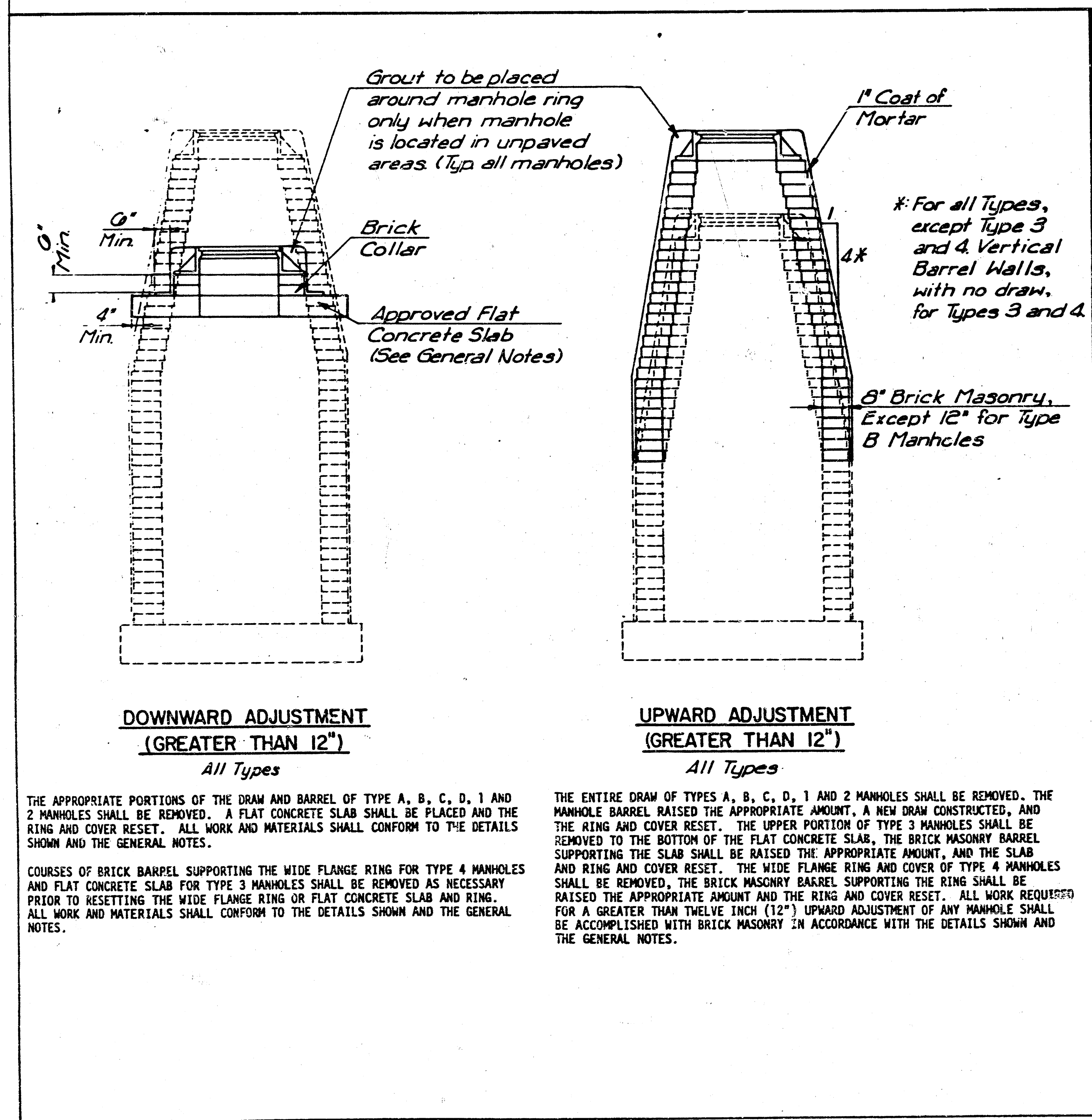
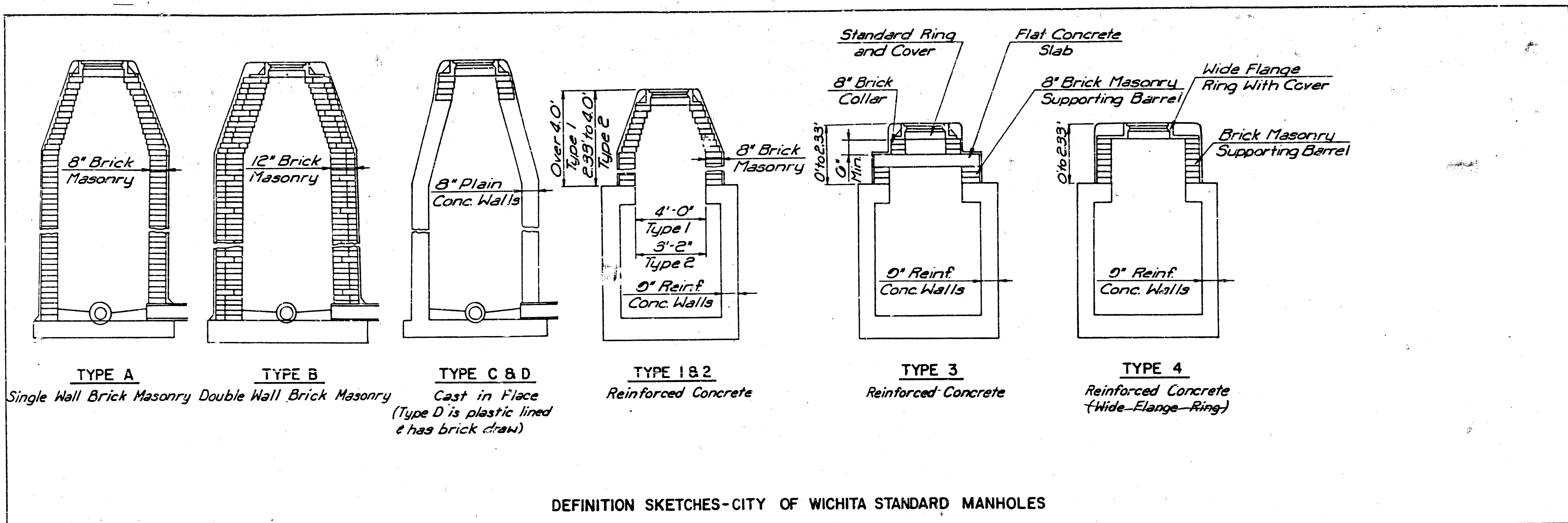
CONTRACTION JOINT



SLAB REINFORCEMENT DETAIL

PROJECT DESCRIPTION
PROJ. NO. 472-82141
INDEX NO. 761086

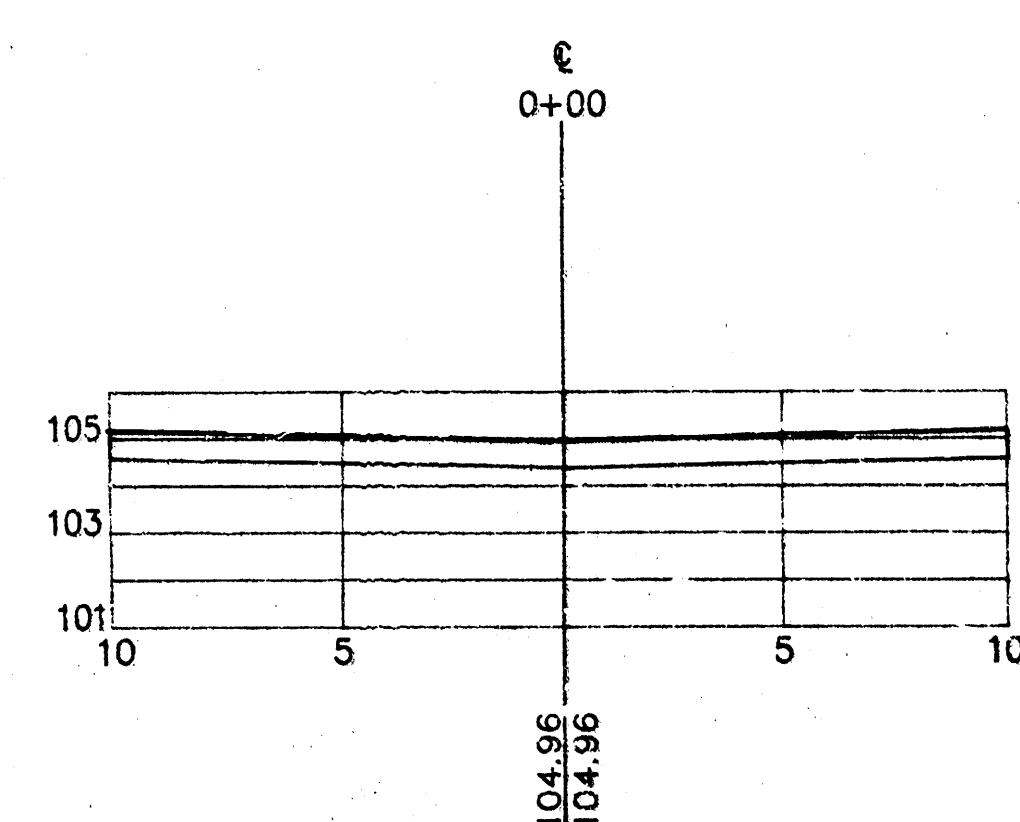
PROJECT NUMBER
SHEET 3 OF 5



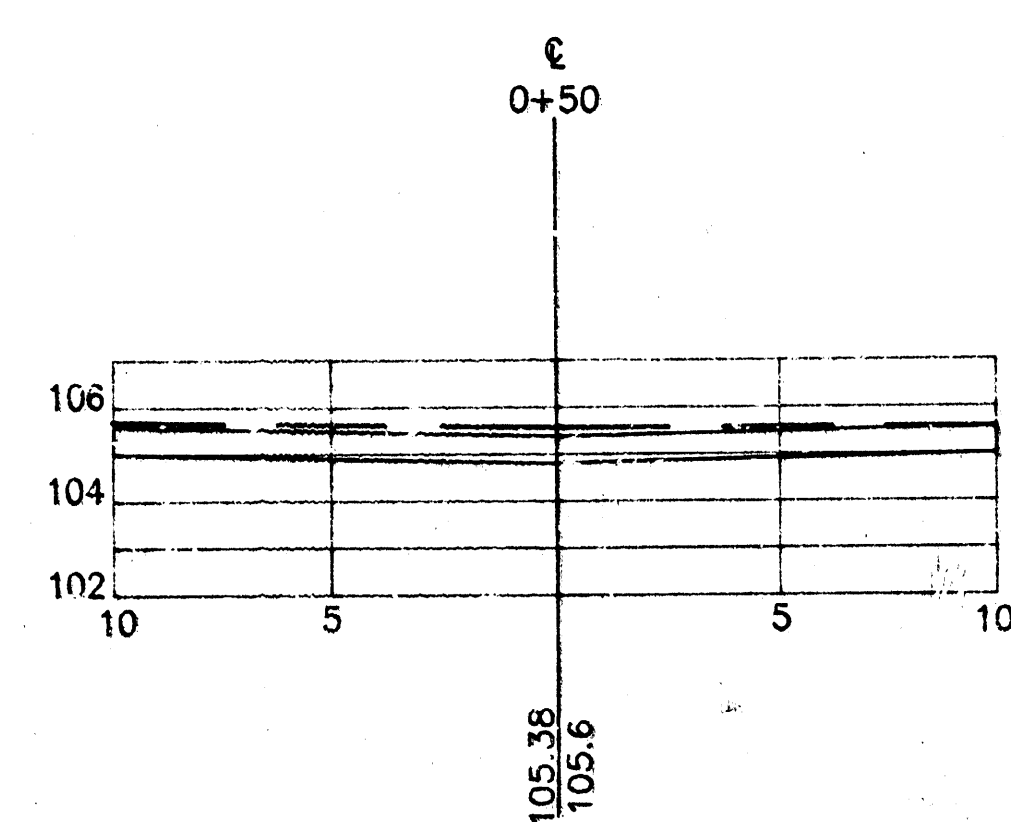
MANHOLE ADJUSTMENT DETAILS

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

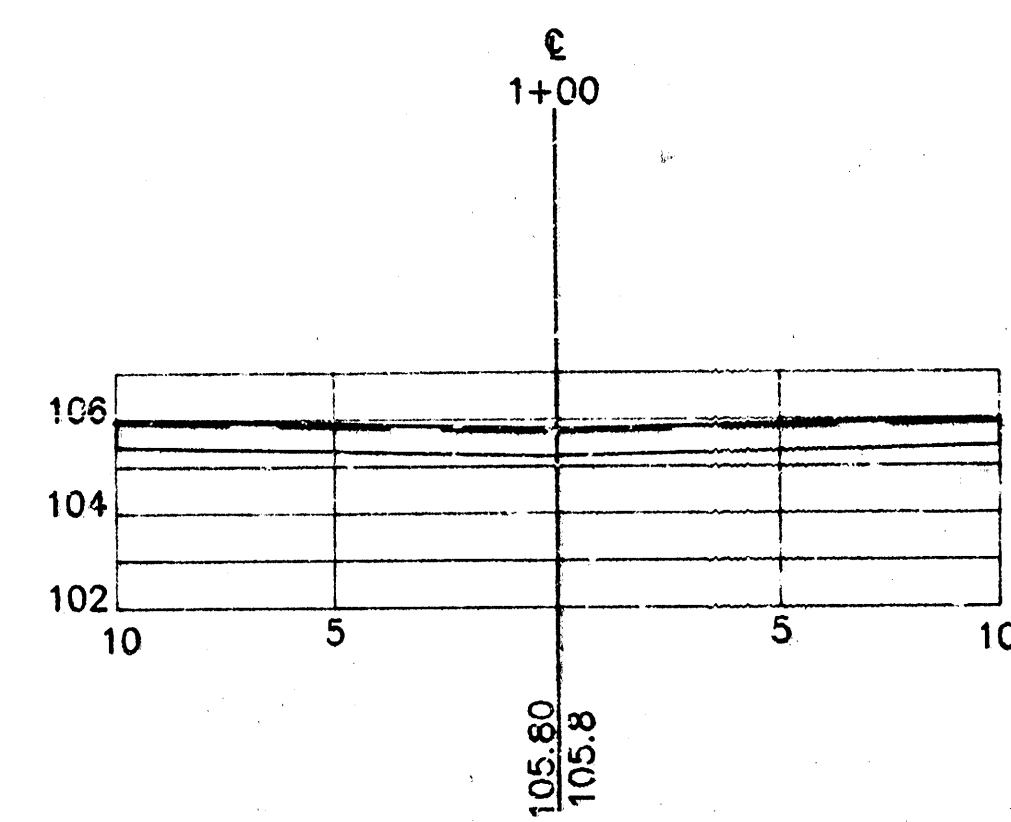
Designed by	Checked by
Drawn by	Date
	JOB No.



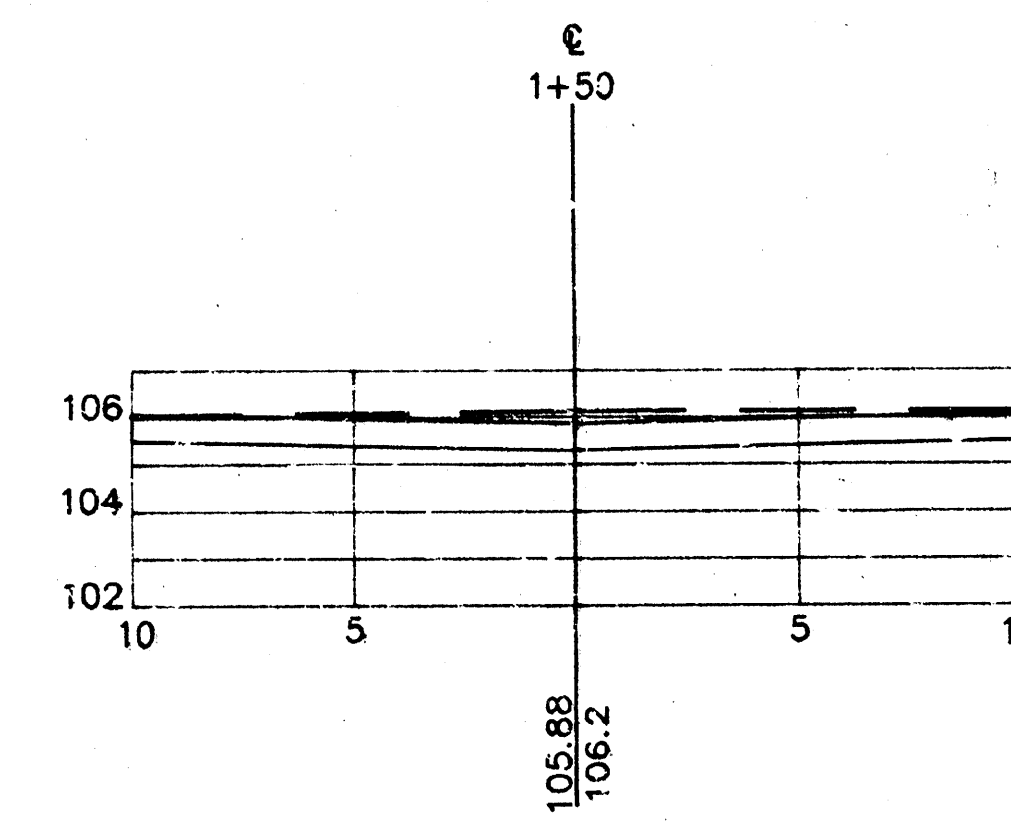
STA 0+00
FILL AREA = .0 sq ft
CUT AREA = 11.7 sq ft



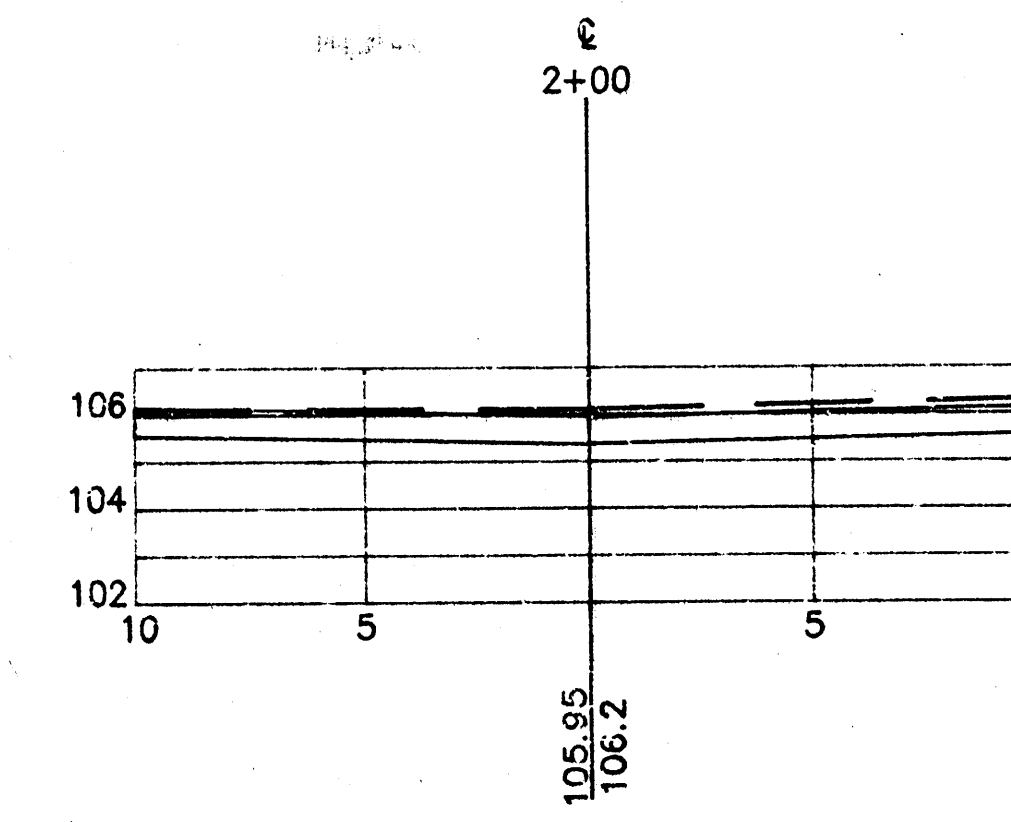
STA 0+50
FILL AREA = .0 sq ft
CUT AREA = 14.6 sq ft



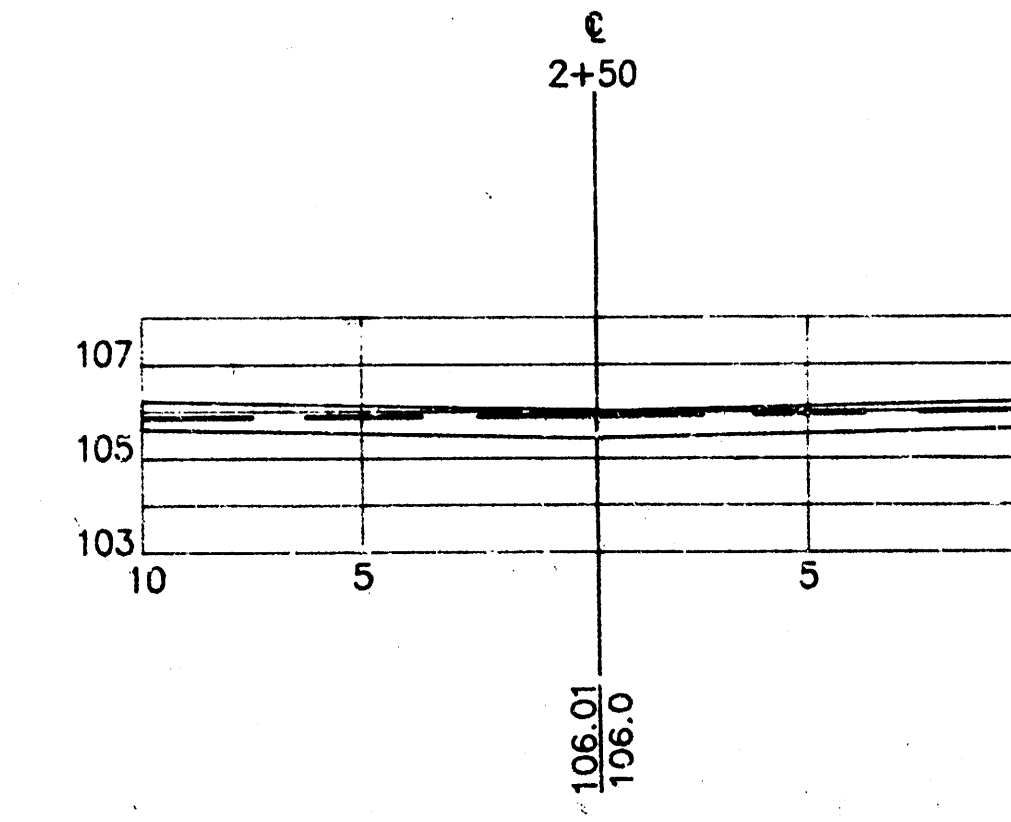
STA 1+00
FILL AREA = .0 sq ft
CUT AREA = 11.7 sq ft



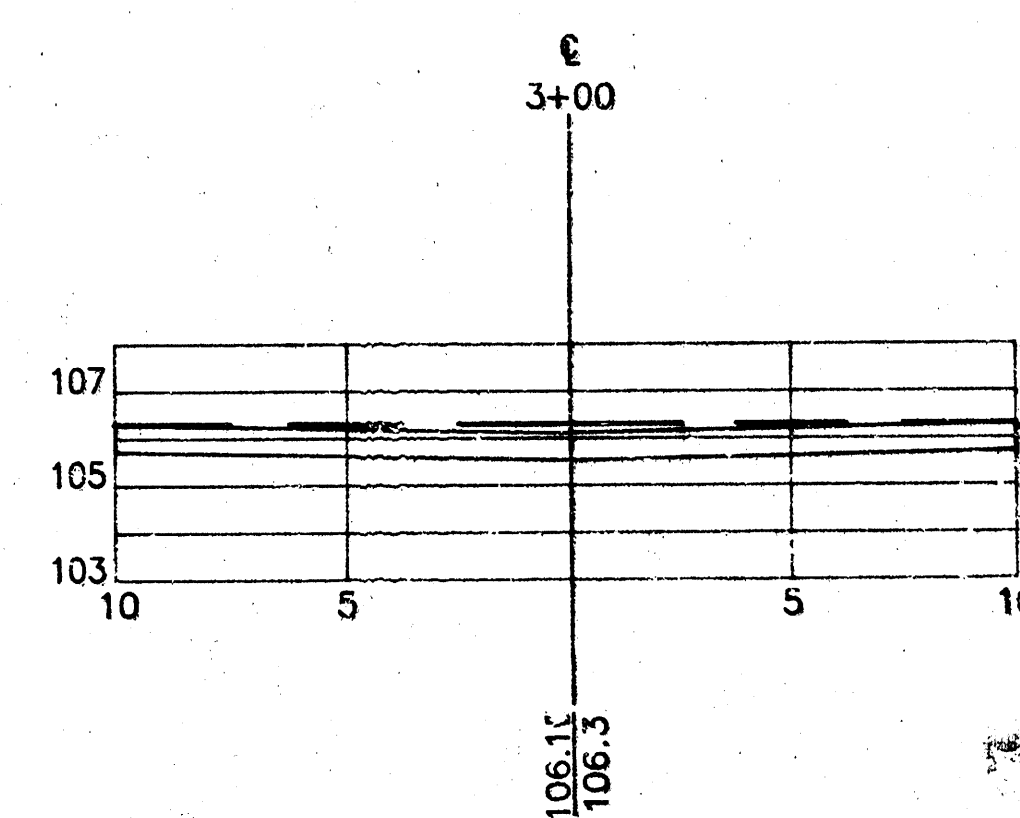
STA 1+50
FILL AREA = .0 sq ft
CUT AREA = 15.6 sq ft



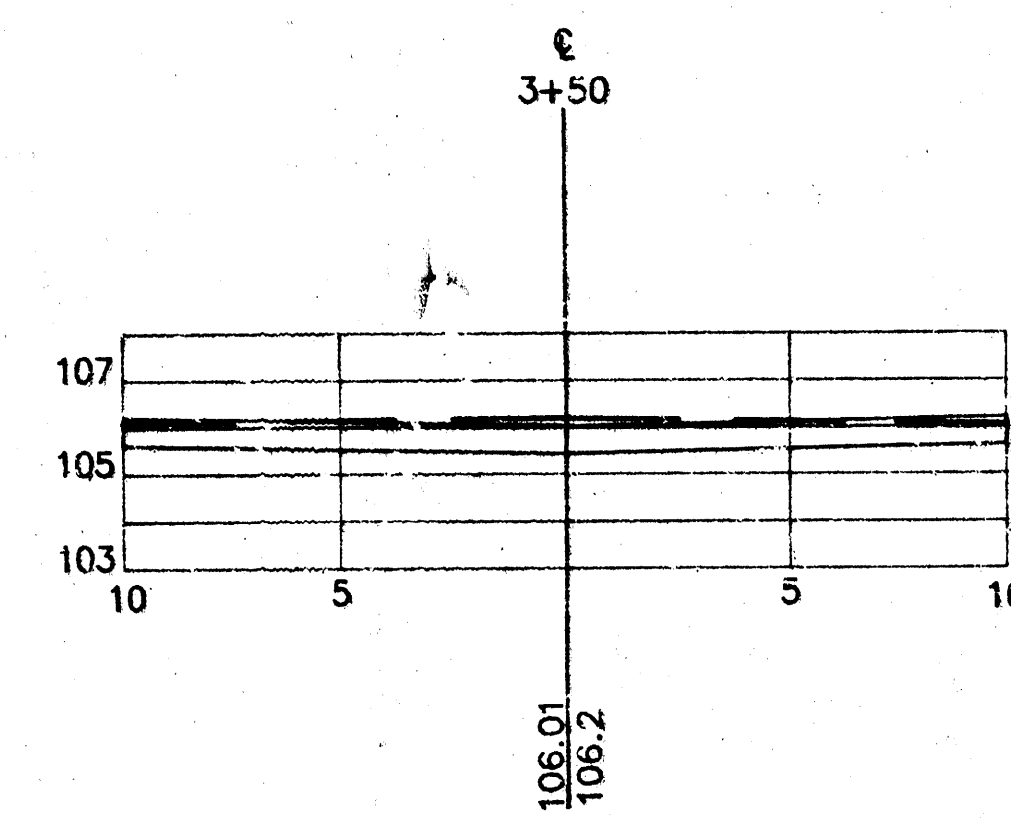
STA 2+00
FILL AREA = .0 sq ft
CUT AREA = 15.7 sq ft



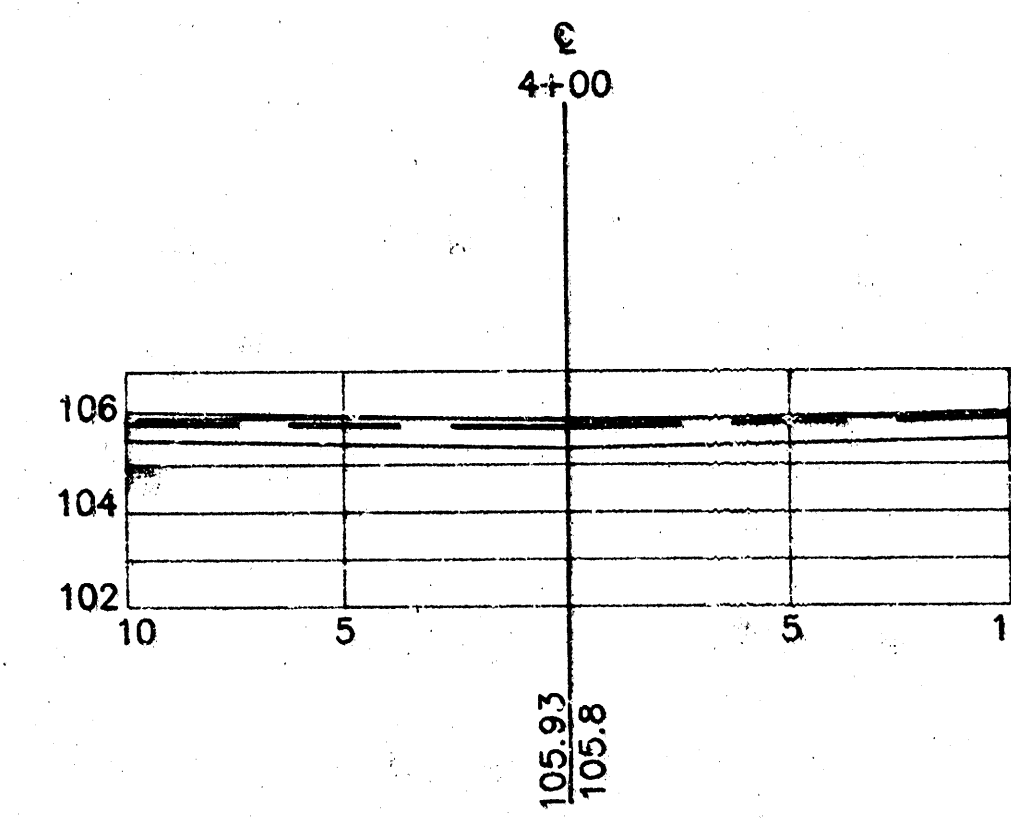
STA 2+50
FILL AREA = .0 sq ft
CUT AREA = 7.8 sq ft



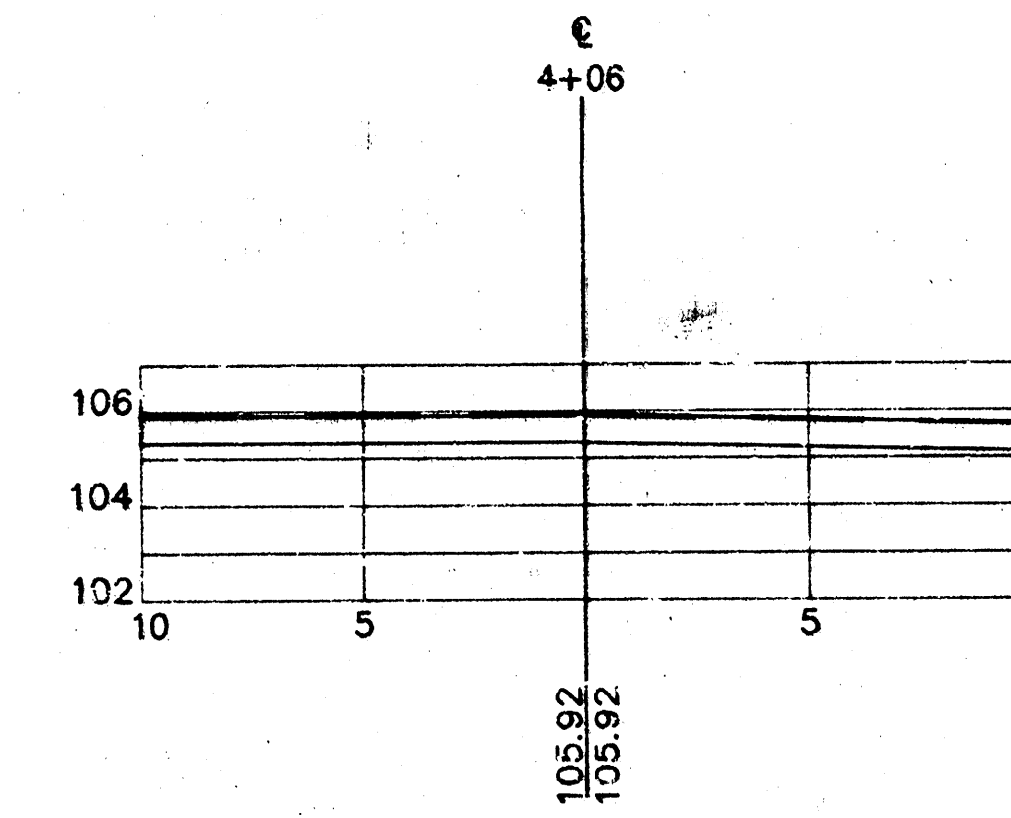
STA 3+00
FILL AREA = .0 sq ft
CUT AREA = 13.7 sq ft



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'

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SHEET 5 OF 5

18-13-5-2