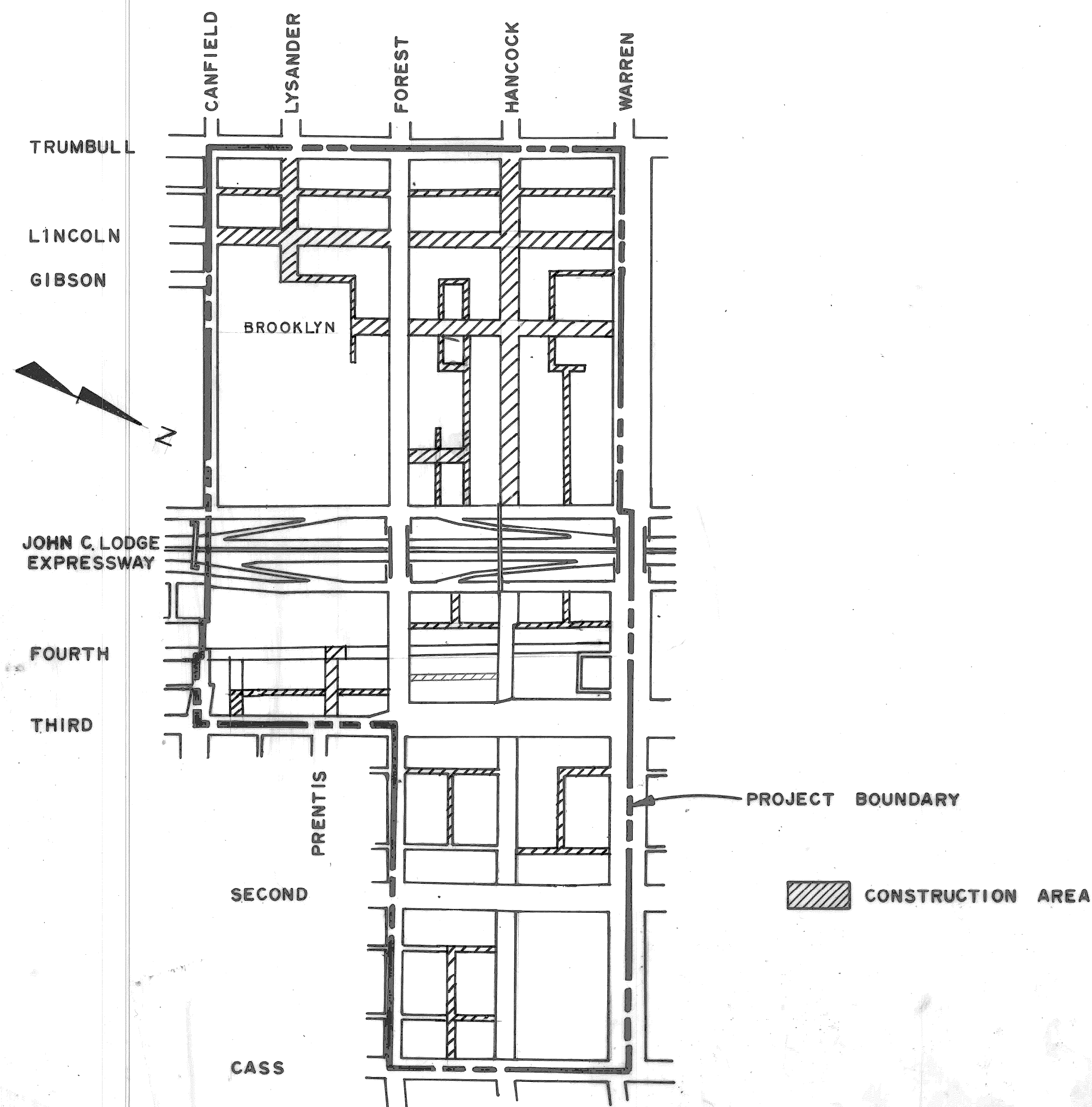


CITY OF DETROIT  
 CITY ENGINEERING DIVISION (E.P.M.D.)  
 PLANS FOR PROPOSED  
 ALLEY PAVEMENT, PAVEMENT REMOVAL  
 AND MISCELLANEOUS CONSTRUCTION  
 UNIVERSITY CITY REHABILITATION PROJECT NO. 2 MICH. R-III  
 FOR  
 COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

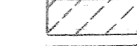
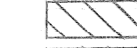




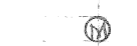


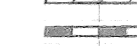

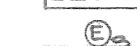








INDEX OF SHEETS

- 1. TITLE SHEET
- 2-6. REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET
- 7. REMOVAL SHEET
- 8-9. REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET
- 10-12. PAVING PLAN
- 13. QUANTITY SHEET
- 14-15. SEWER ALTERATIONS

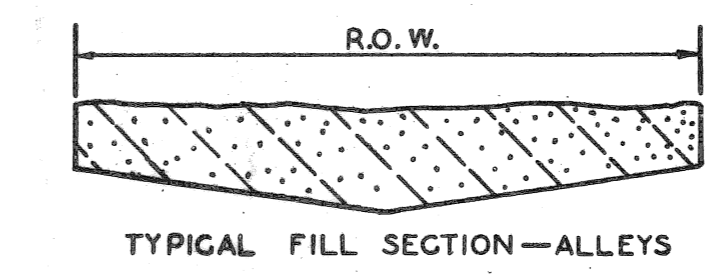
<b>PROJECT:</b> ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO. 2 MICH. R-III	<b>CONTRACT NO.</b> <p style="text-align: center; font-size: 1.2em;">PW 6584</p>	
<b>PLANS PREPARED BY</b> CITY ENGINEERING DIVISION (E.P.M.D.)		
RECOMMENDED FOR APPROVAL _____ <small>ENGINEER OF INSPECTION</small>	<i>R.C. Moulton</i> _____ <small>ENGINEER OF INSPECTION</small>	1-18-77 <small>DATE</small>
RECOMMENDED FOR APPROVAL _____ <small>ENGINEER OF STREETS</small>	<i>Waim O'Kawees</i> _____ <small>ENGINEER OF STREETS</small>	1/18/77 <small>DATE</small>
APPROVED _____ <small>ASSISTANT CITY ENGINEER</small>	<i>John J. Carl</i> _____ <small>ASSISTANT CITY ENGINEER</small>	1/24/77 <small>DATE</small>
APPROVED _____ <small>CITY ENGINEER</small>	<i>W. M. Apple</i> _____ <small>CITY ENGINEER</small>	3-35-77 <small>DATE</small>
<b>DATE</b> 1-17-77		<b>DRWG. NO.</b> 1 OF 15

LEGEND

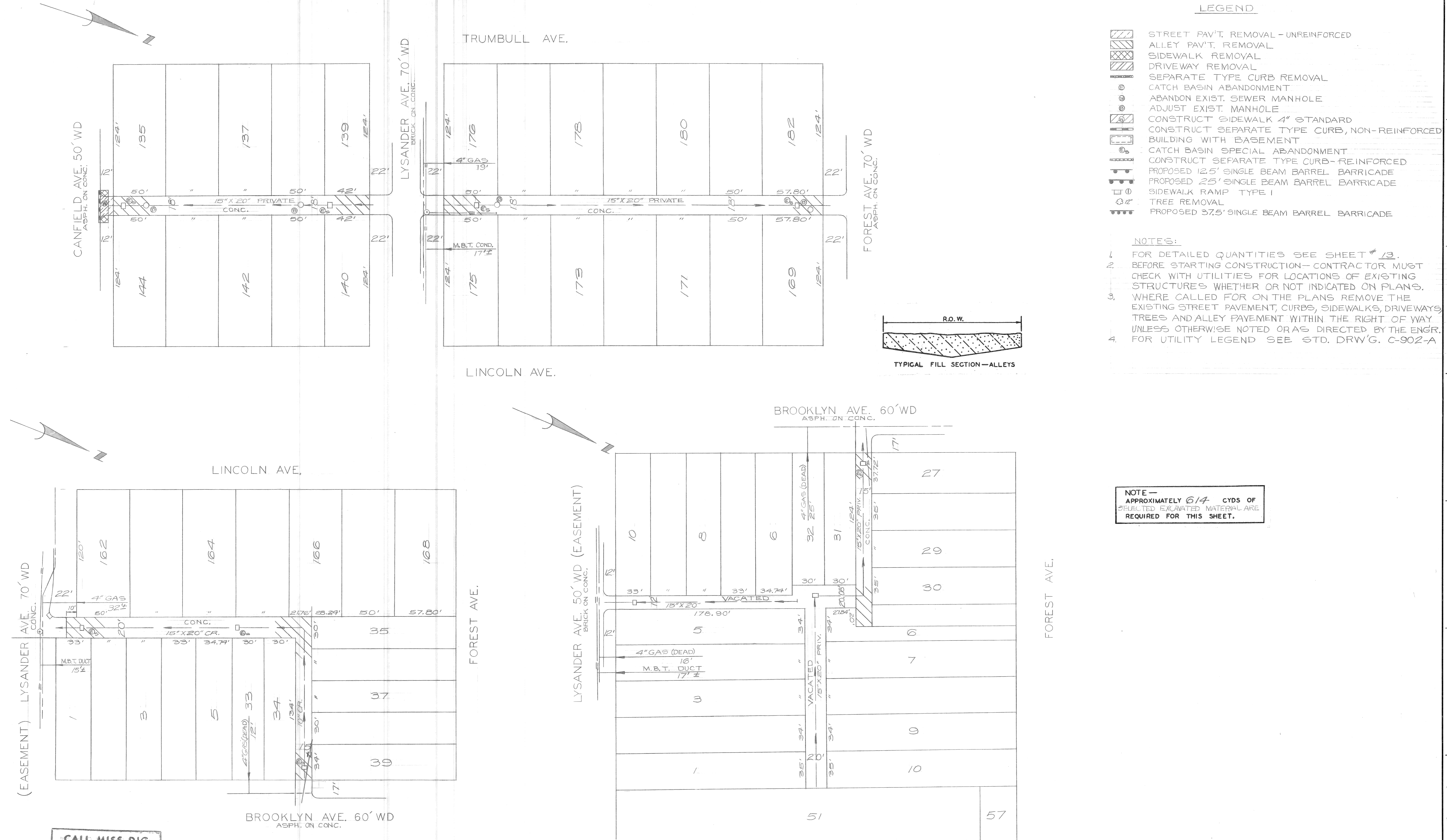
-  STREET PAV'T. REMOVAL - UNREINFORCED
-  ALLEY PAV'T. REMOVAL
-  SIDEWALK REMOVAL
-  DRIVEWAY REMOVAL
-  SEPARATE TYPE CURB REMOVAL
-  CATCH BASIN ABANDONMENT
-  ABANDON EXIST. SEWER MANHOLE
-  ADJUST EXIST. MANHOLE
-  CONSTRUCT SIDEWALK 4" STANDARD
-  CONSTRUCT SEPARATE TYPE CURB, NON-REINFORCED
-  BUILDING WITH BASEMENT
-  CATCH BASIN SPECIAL ABANDONMENT
-  CONSTRUCT SEPARATE TYPE CURB - REINFORCED
-  PROPOSED 12.5' SINGLE BEAM BARREL BARRICADE
-  PROPOSED 25' SINGLE BEAM BARREL BARRICADE
-  SIDEWALK RAMP TYPE I
-  TREE REMOVAL
-  PROPOSED 37.5' SINGLE BEAM BARREL BARRICADE

NOTES:

1. FOR DETAILED QUANTITIES SEE SHEET # 13.
2. BEFORE STARTING CONSTRUCTION - CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.
3. WHERE CALLED FOR ON THE PLANS REMOVE THE EXISTING STREET PAVEMENT, CURBS, SIDEWALKS, DRIVEWAYS, TREES AND ALLEY PAVEMENT WITHIN THE RIGHT OF WAY UNLESS OTHERWISE NOTED OR AS DIRECTED BY THE ENGR.
4. FOR UTILITY LEGEND SEE STD. DRW'G. C-902-A



NOTE - APPROXIMATELY 614 CYDS OF SELECTED EXCAVATED MATERIAL ARE REQUIRED FOR THIS SHEET.



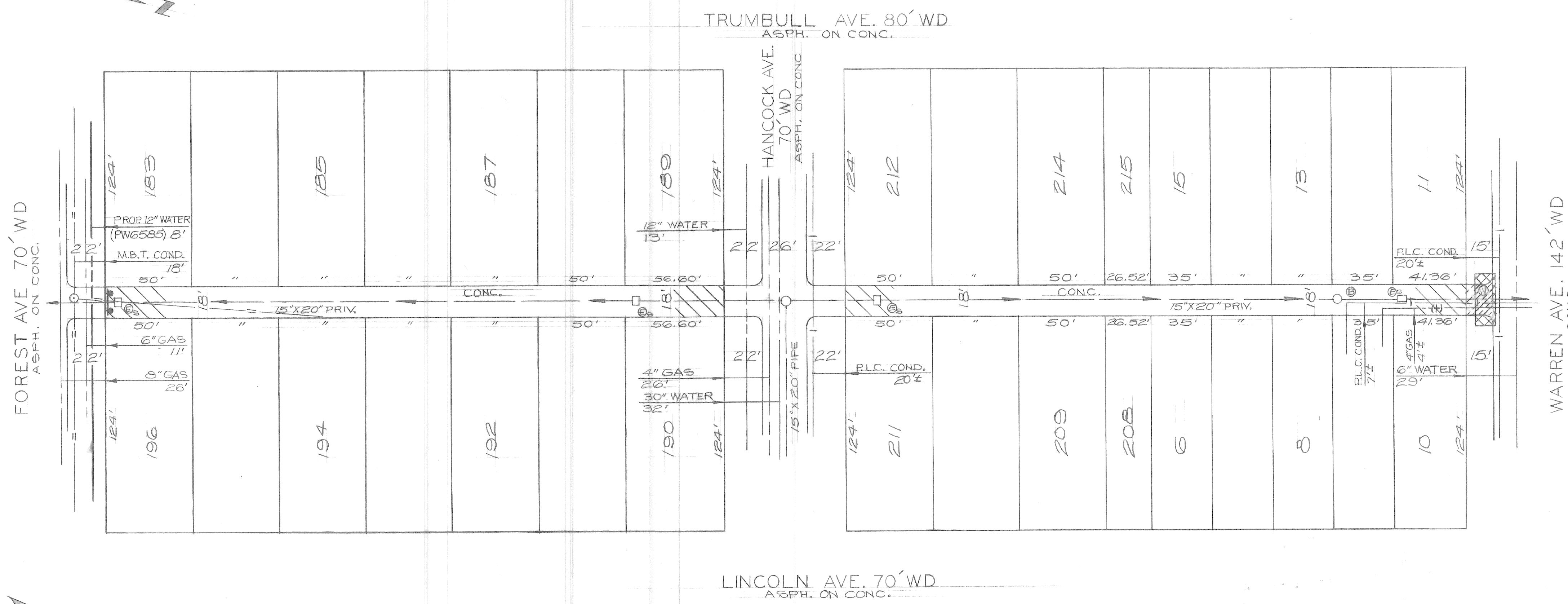
PLAN  
SCALE 1"=40'

CALL MISS DIG  
48 HOURS PRIOR TO  
CONSTRUCTION 647-7344

DESIGNED BY <i>D. E. U.</i>		APPROVED: <i>Haim D. Kawwas</i> ENGINEER OF STREETS		CITY OF DETROIT CITY ENGINEERING DIVISION E. P. M. D. FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT	ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET	SHEET <u>2</u> OF <u>15</u> SHEETS	
DRAWN BY <i>D. E. U.</i>		CHECKED BY <i>D. E. U.</i>				CONTRACT No. PW 6584	ASSIGN. No. 76-14-12
TRACED BY		DATE				DATE 1-17-77	
COORD.	DESCRIPTION	DR'N	CHK'D	AP'VD	DATE		
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							

NOTES:

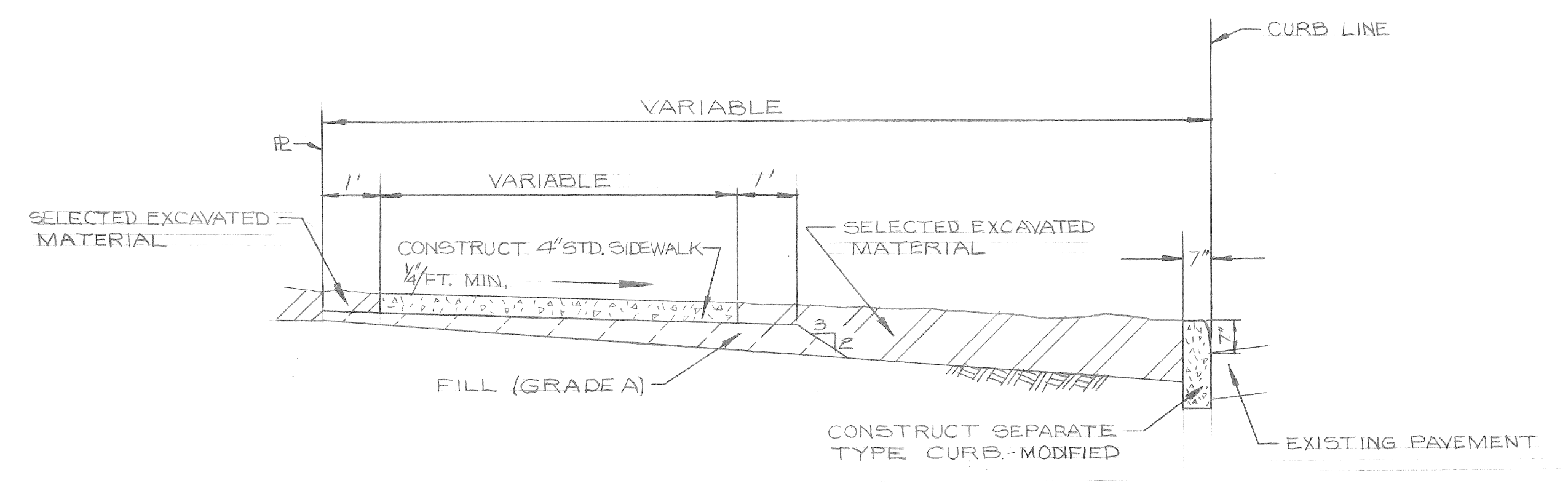
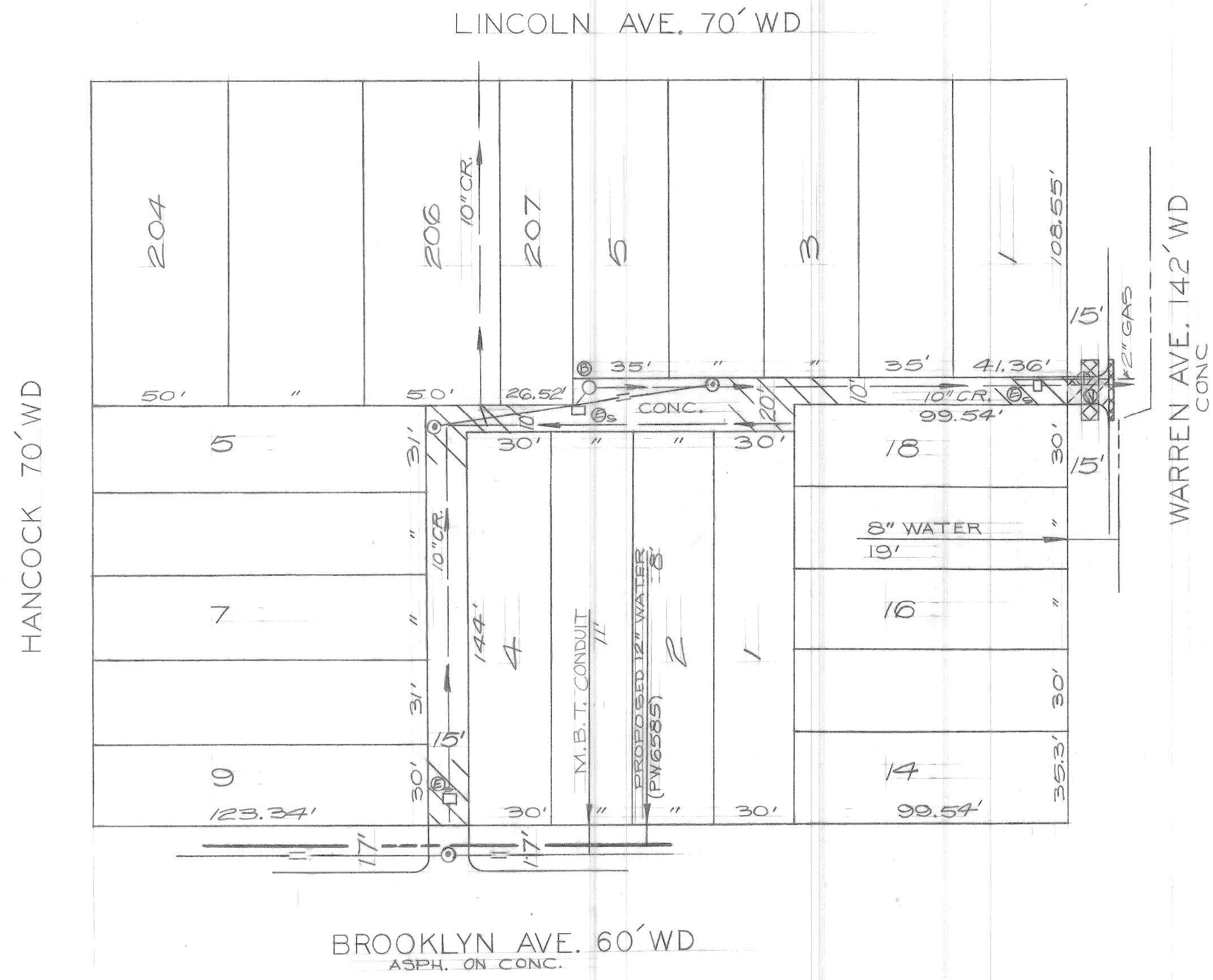
1. FOR LEGEND SEE SHEET # 2
2. FOR DETAILED QUANTITIES SEE SHEET # 13
3. FOR NOTES SEE SHEET # 2



NOTE -  
APPROXIMATELY 562 CYDS OF  
SELECTED EXCAVATED MATERIAL ARE  
REQUIRED FOR THIS SHEET.

LINCOLN AVE. 70' WD  
ASPH. ON CONC.

CALL MISS DIG  
48 HOURS PRIOR TO  
CONSTRUCTION 647-7344

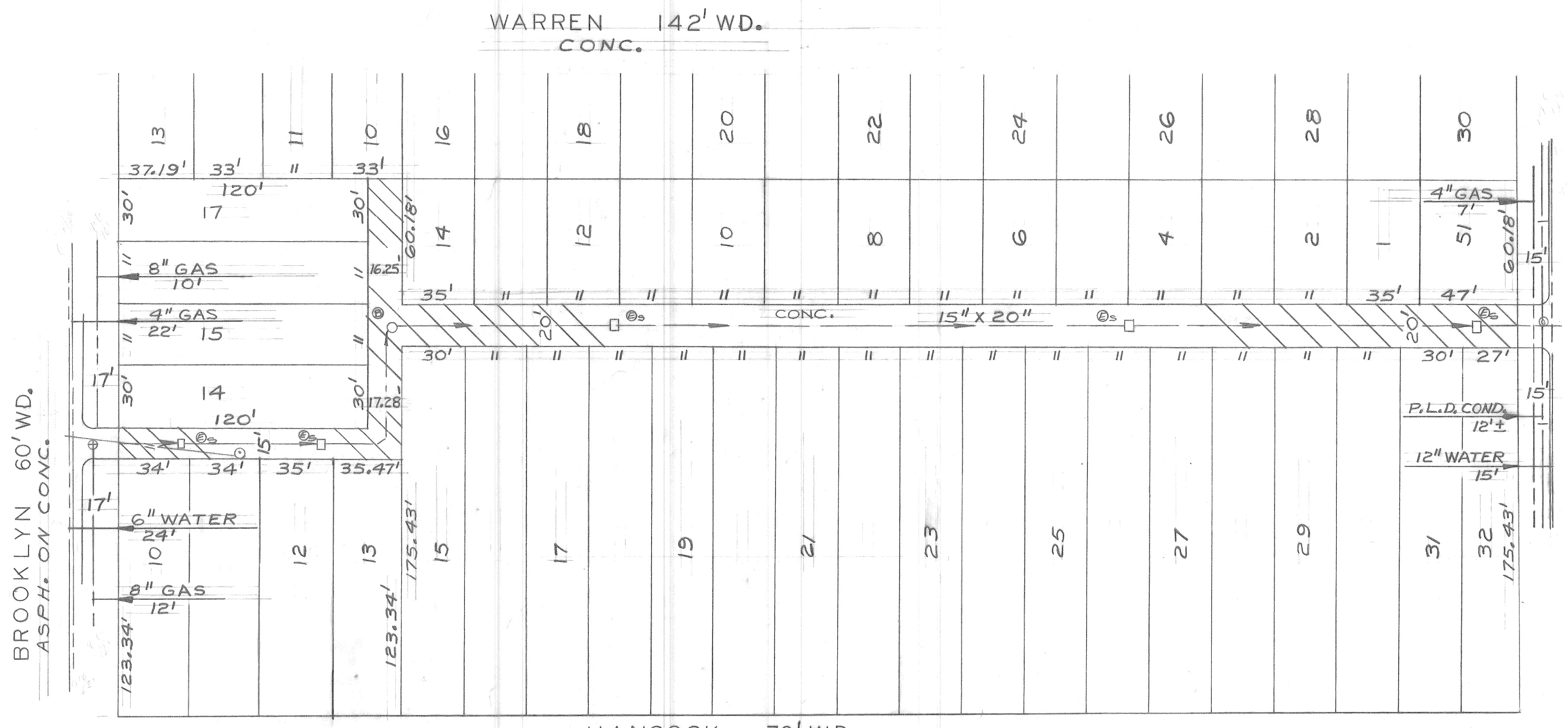


TYPICAL ALLEY RETURN SECTION  
NO SCALE

PLAN  
SCALE 1"=40'

<p>DESIGNED BY: <i>D. C. U.</i></p> <p>DRAWN BY: <i>D. C. U.</i></p> <p>TRACED BY:</p> <p>CHECKED BY: <i>D. C. U.</i></p>				<p>APPROVED: <i>Norm D. Hawkins</i></p> <p>ENGINEER OF STREETS</p>		<p>CITY OF DETROIT CITY ENGINEERING DIVISION E. P. M. D. FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT</p>			<p>ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET</p>			<p>SHEET 3 OF 15 SHEETS</p> <p>CONTRACT NO. PW 6584</p> <p>ASSIGN. NO. 76-14-12</p> <p>DATE 1-17-77</p>	
<p>REVISIONS LOCATED BY COORDINATES ON SHEET</p>													

- NOTES:
1. FOR LEGEND SEE SHEET # 2
  2. FOR DETAILED QUANTITIES SEE SHEET # 13
  3. FOR NOTES SEE SHEET # 2
  4. ALLEY RETURNS AT SERVICE DRIVE REMOVED AND CURB AND SIDEWALK CONSTRUCTION WILL BE DONE UNDER CONTRACT PW 6580



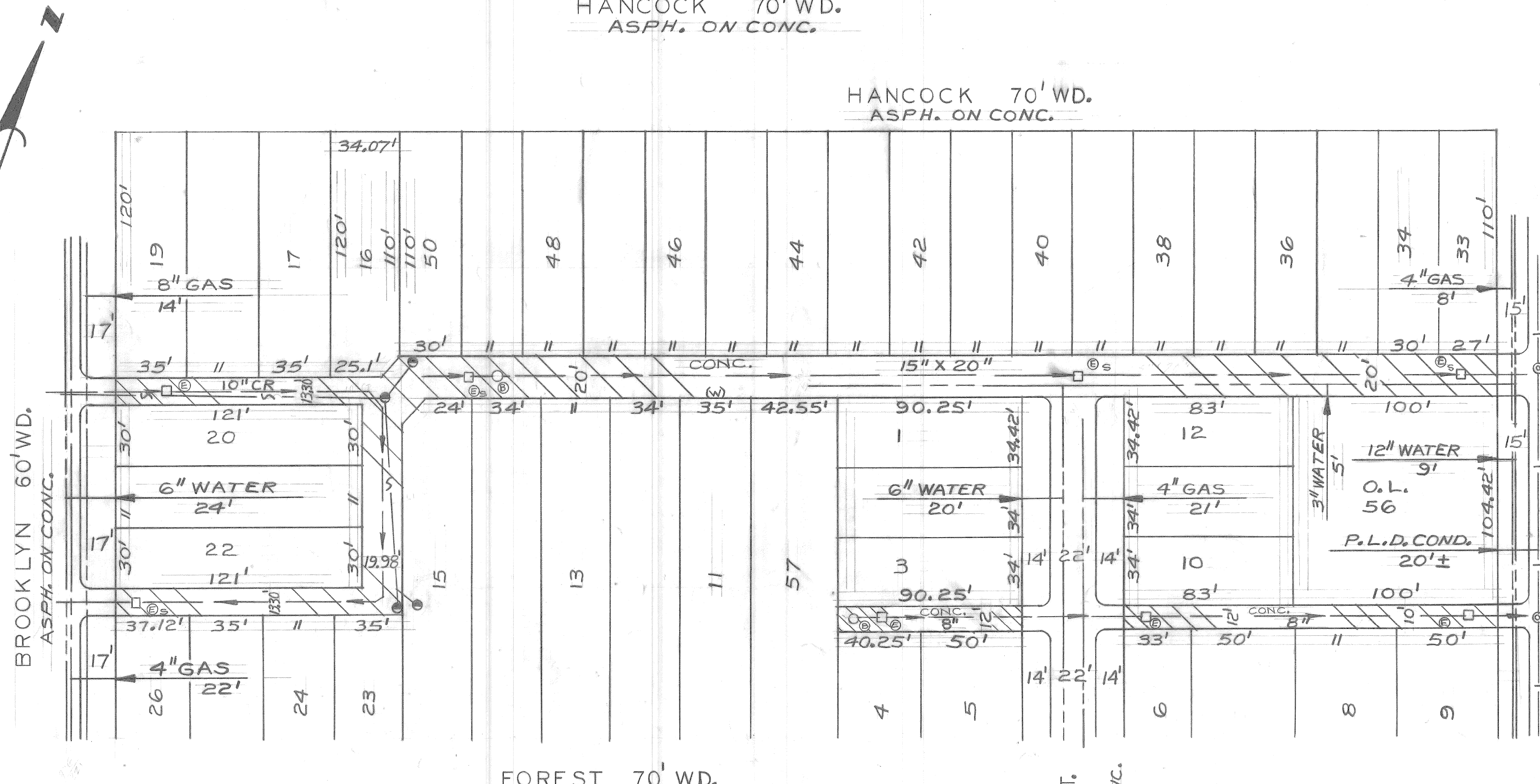
BROOKLYN 60' WD.  
ASPH. ON CONC.

WARREN 142' WD.  
CONC.

HANCOCK 70' WD.  
ASPH. ON CONC.

JOHN C. LODGE WEST  
SERVICE DRIVE 50' WD.  
CONC.

RESURFACING CONTRACT PW 6580



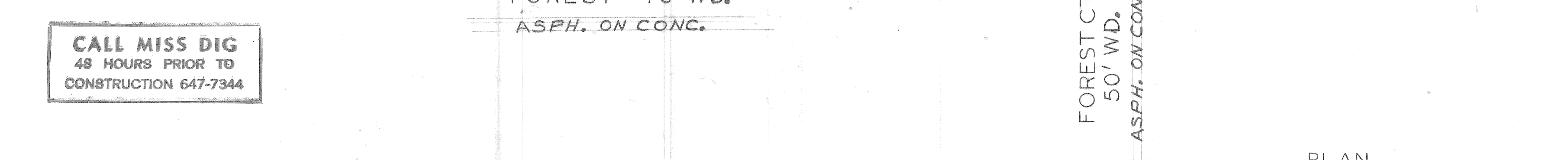
BROOKLYN 60' WD.  
ASPH. ON CONC.

HANCOCK 70' WD.  
ASPH. ON CONC.

JOHN C. LODGE WEST  
SERVICE DRIVE 50' WD.  
CONC.

RESURFACING CONTRACT PW 6580

NOTE -  
APPROXIMATELY 1026 CYDS OF  
SELECTED EXCAVATED MATERIAL ARE  
REQUIRED FOR THIS SHEET.



**CALL MISS DIG**  
48 HOURS PRIOR TO  
CONSTRUCTION 647-7344

PLAN  
SCALE 1"=40'

COORD	DESCRIPTION	DRN	CHKD	APVD	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	D. E. U.
DRAWN BY	D. E. U.
TRACED BY	
CHECKED BY	D. E. U.

APPROVED:  
*Haim D. Xouras*  
ENGINEER OF STREETS

**CITY OF DETROIT**  
CITY ENGINEERING DIVISION (E.P.M.D.)  
FOR  
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

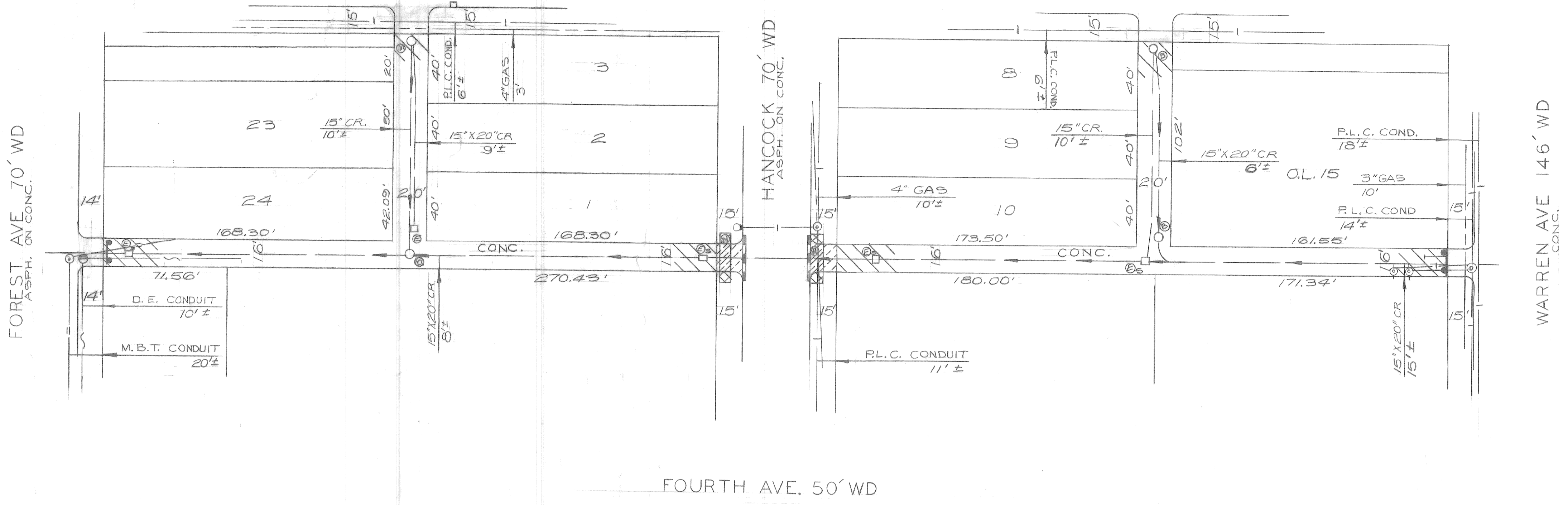
ALLEY PAVEMENT, PAVEMENT REMOVAL AND  
MISCELLANEOUS CONSTRUCTION UNIVERSITY  
CITY REHABILITATION PROJECT NO.2 MICH. R-III

REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET

SHEET 4 OF 15 SHEETS
CONTRACT No. PW 6584
ASSIGN. NO. 76-14-12
DATE 1-17-77

NOTES:  
 1. FOR LEGEND SEE SHEET # 2  
 2. FOR DETAILED QUANTITIES SEE SHEET # 13  
 3. FOR NOTES SEE SHEET # 2

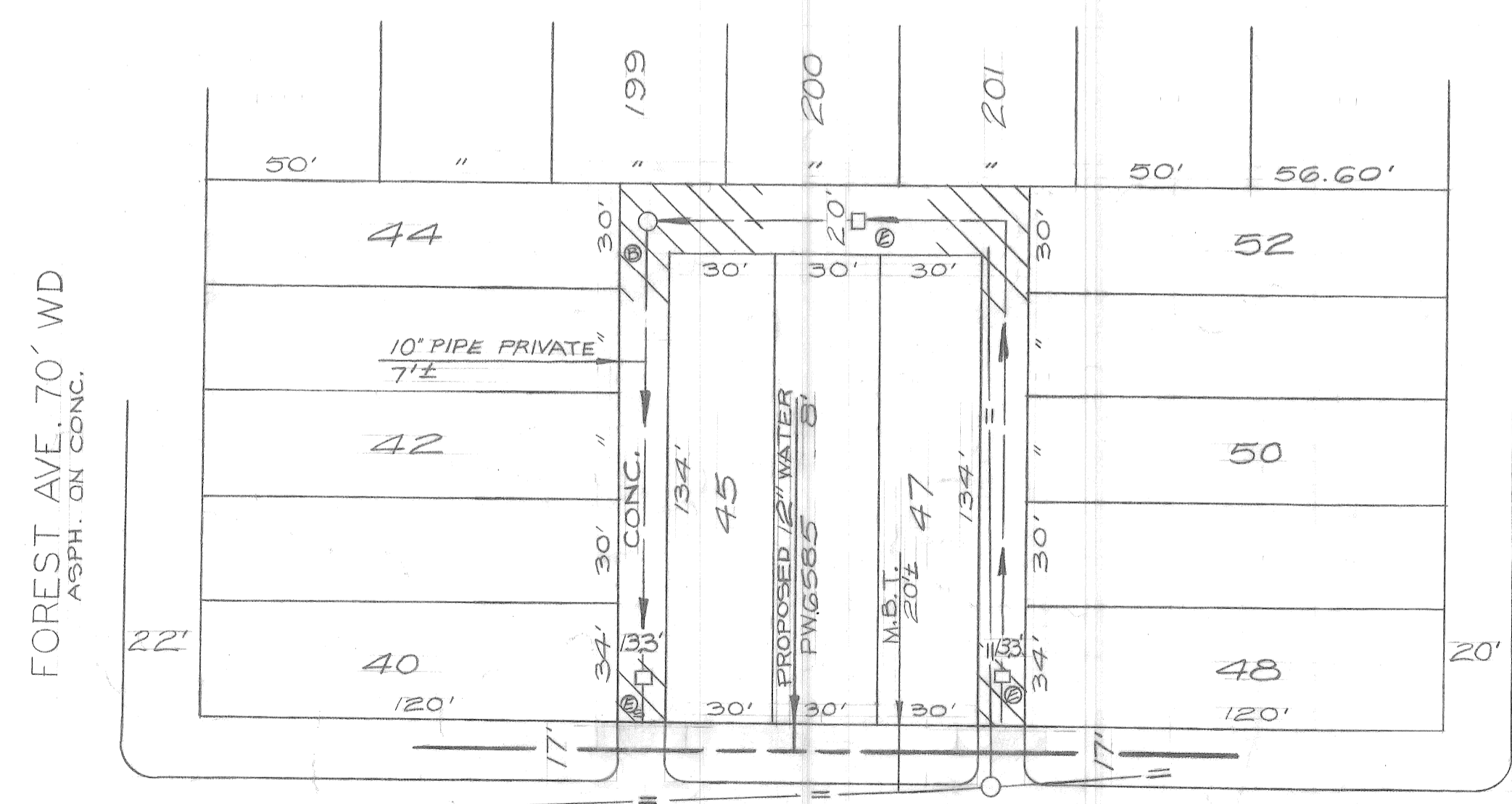
RESURFACING CONTRACT PW 6580  
 J.C. LODGE SERVICE DRIVE 45' WD  
 ASPH. ON CONC.



FOURTH AVE. 50' WD

NOTE -  
 APPROXIMATELY 1818 CYDS OF  
 SELECTED EXCAVATED MATERIAL ARE  
 REQUIRED FOR THIS SHEET.

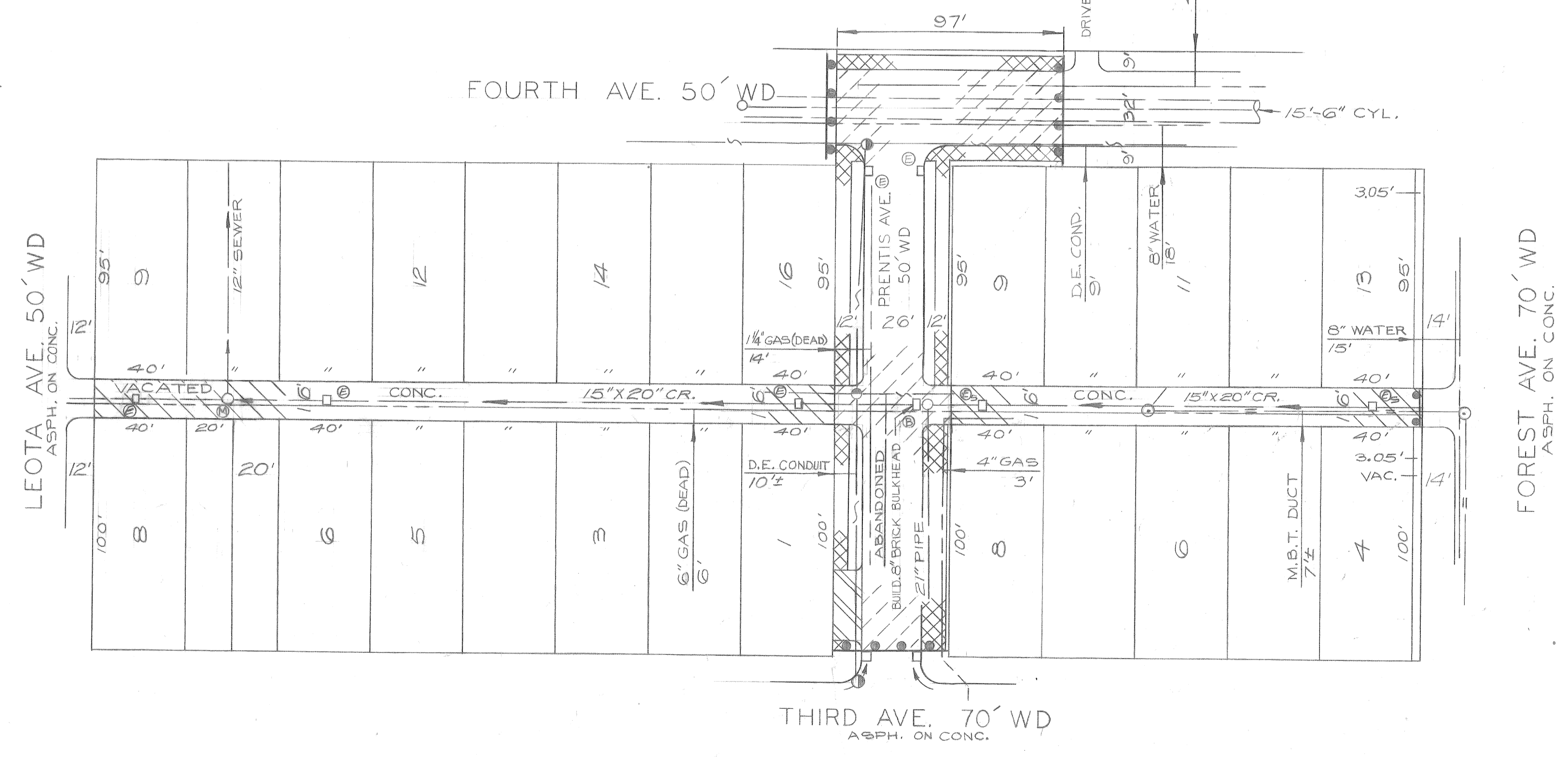
LINCOLN AVE. 70' WD



BROOKLYN AVE. 60' WD  
 ASPH. ON CONC.

CALL MISS DIG  
 48 HOURS PRIOR TO  
 CONSTRUCTION 647-7344

FOURTH AVE. 50' WD

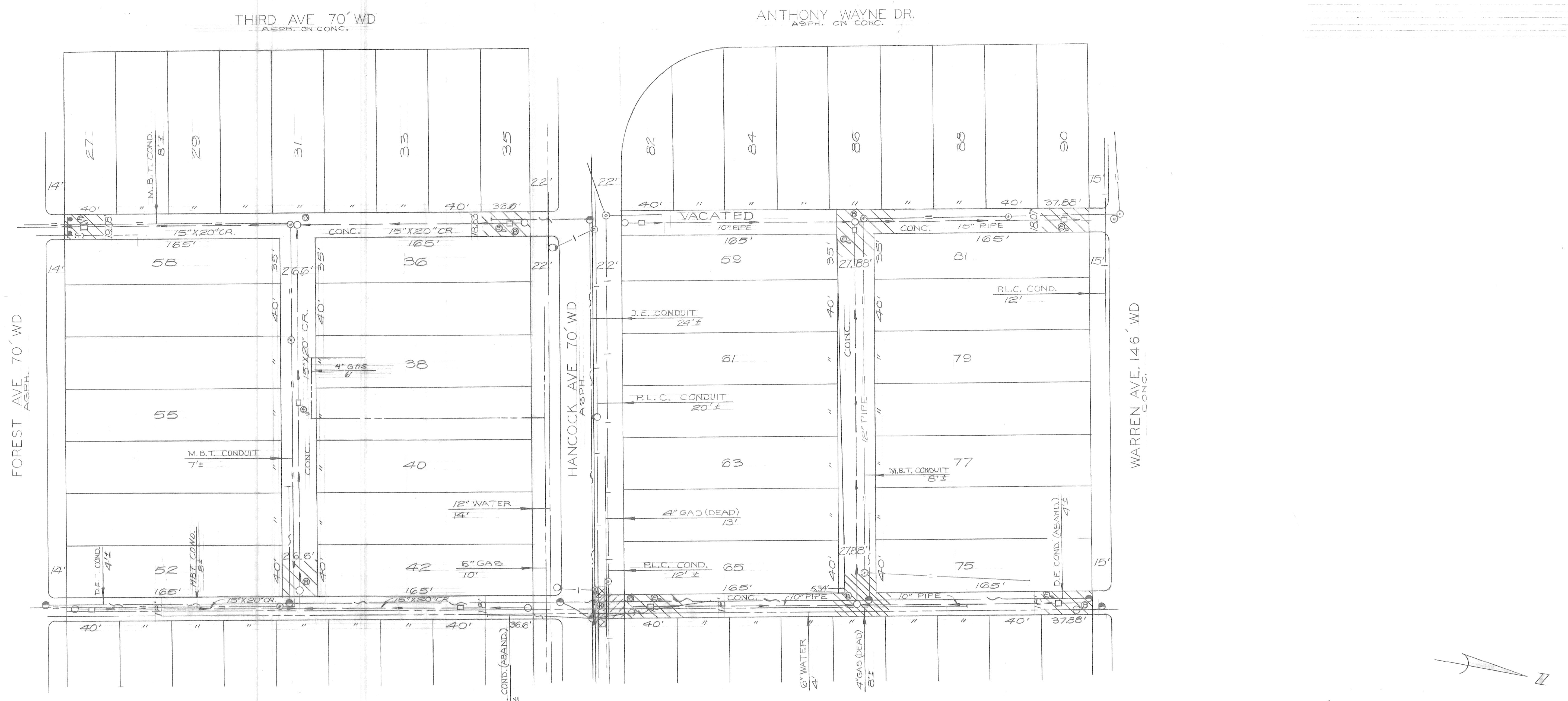


THIRD AVE. 70' WD  
 ASPH. ON CONC.

PLAN  
 SCALE 1"=40'

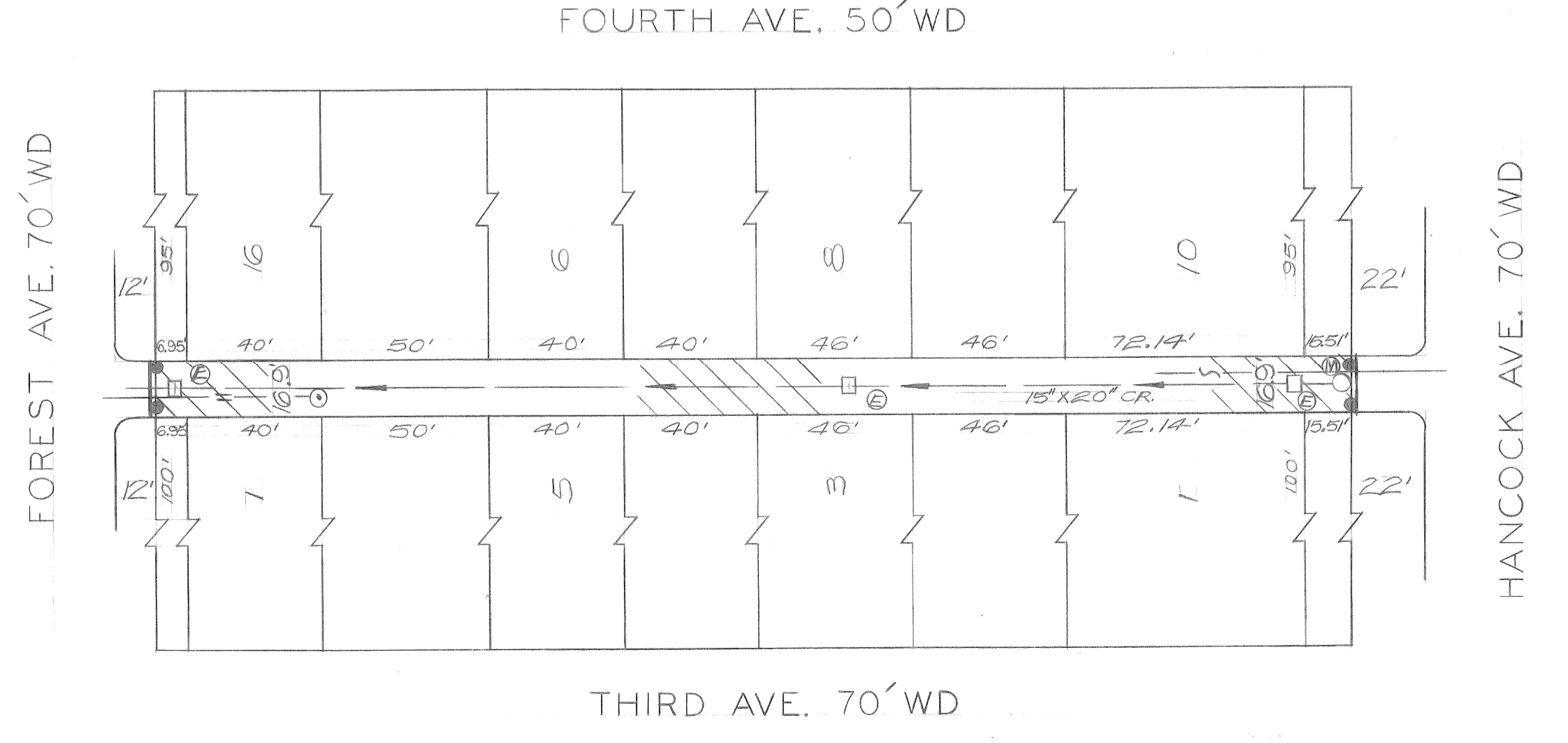
REVISIONS LOCATED BY COORDINATES ON SHEET COORD. DESCRIPTION 1 2 3 4 5 6 7 8 9 10 11		REFERENCE DRAWINGS DESIGNED BY DRAWN BY TRACED BY CHECKED BY	APPROVED: E. P. M. D. ENGINEER OF STREETS	CITY OF DETROIT CITY ENGINEERING DIVISION E. P. M. D. FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT	ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET	SHEET 5 OF 15 SHEETS CONTRACT No. PW 6584 ASSIGN. NO. 76-14-12 DATE 1-17-77
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NOTES:  
 1. FOR LEGEND SEE SHEET # 2  
 2. FOR DETAILED QUANTITIES SEE SHEET # 13  
 3. FOR NOTES SEE SHEET # 2



CALL MISS DIG  
 48 HOURS PRIOR TO  
 CONSTRUCTION 647-7344

NOTE -  
 APPROXIMATELY 278 CYDS OF  
 SELECTED EXCAVATED MATERIAL ARE  
 REQUIRED FOR THIS SHEET.

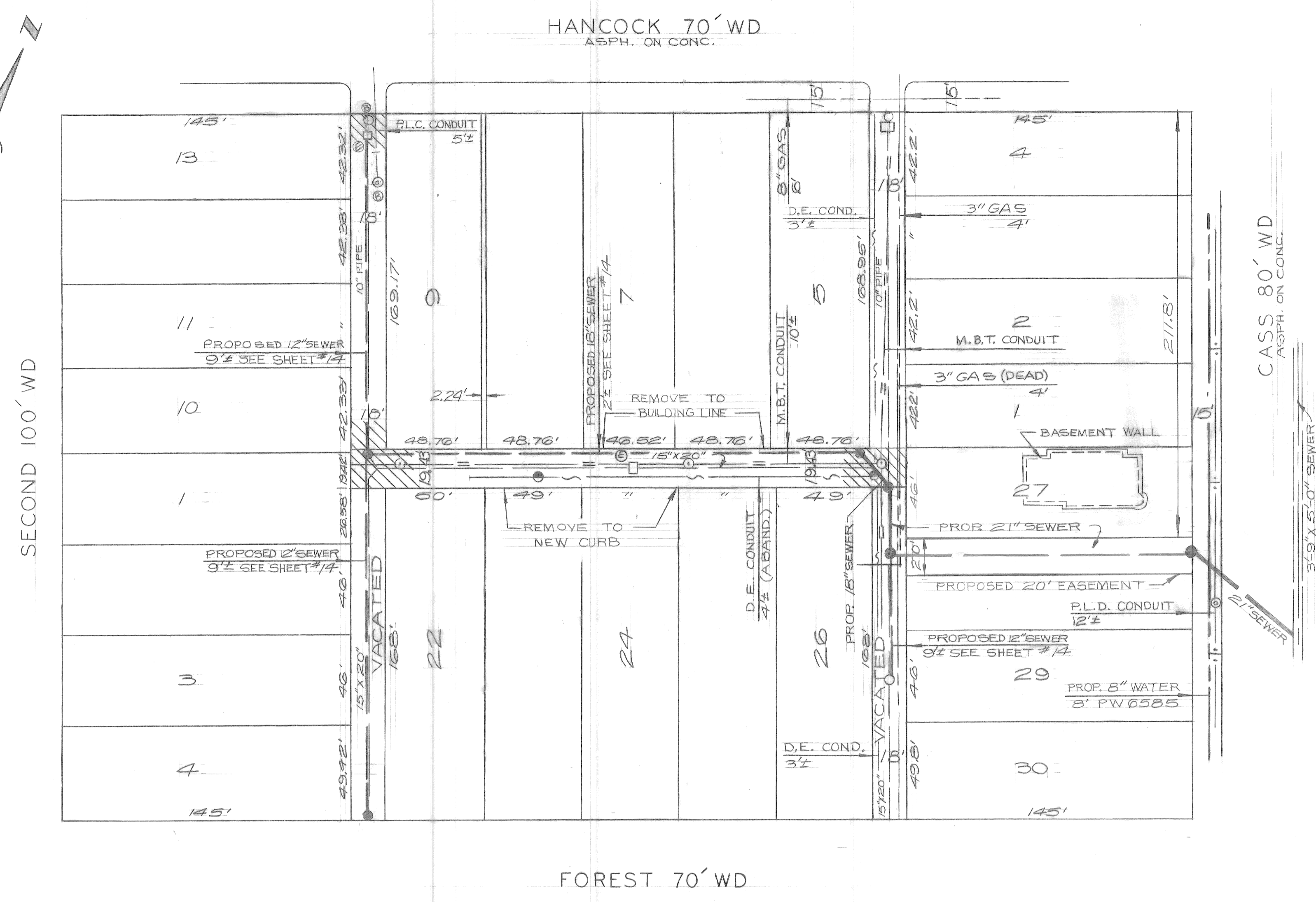
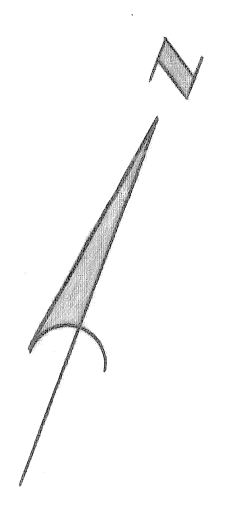


PLAN  
 SCALE 1"=40'

DESIGNED BY DRAWN BY <i>D.G.U.</i> TRACED BY CHECKED BY <i>W.E.U.</i>		APPROVED: <i>Haim Dawwas</i> ENGINEER OF STREETS		CITY OF DETROIT CITY ENGINEERING DIVISION E.P.M.D. FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT			ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET			SHEET 6 OF 15 SHEETS CONTRACT NO. PW6584 ASSIGN. NO. 76-14-12 DATE 1-17-77	
REVISIONS LOCATED BY COORDINATES ON SHEET											

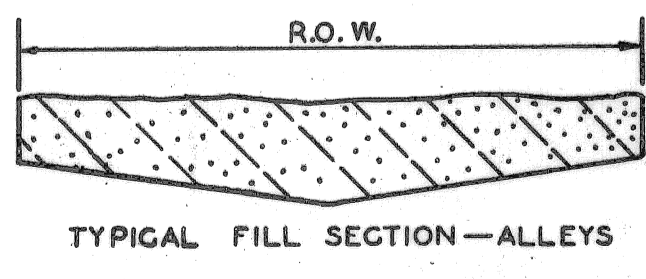
NOTES:

1. FOR LEGEND SEE SHEET # 2
2. FOR DETAILED QUANTITIES SEE SHEET # 13
3. FOR NOTES SEE SHEET # 2



PLAN  
SCALE 1"=40'

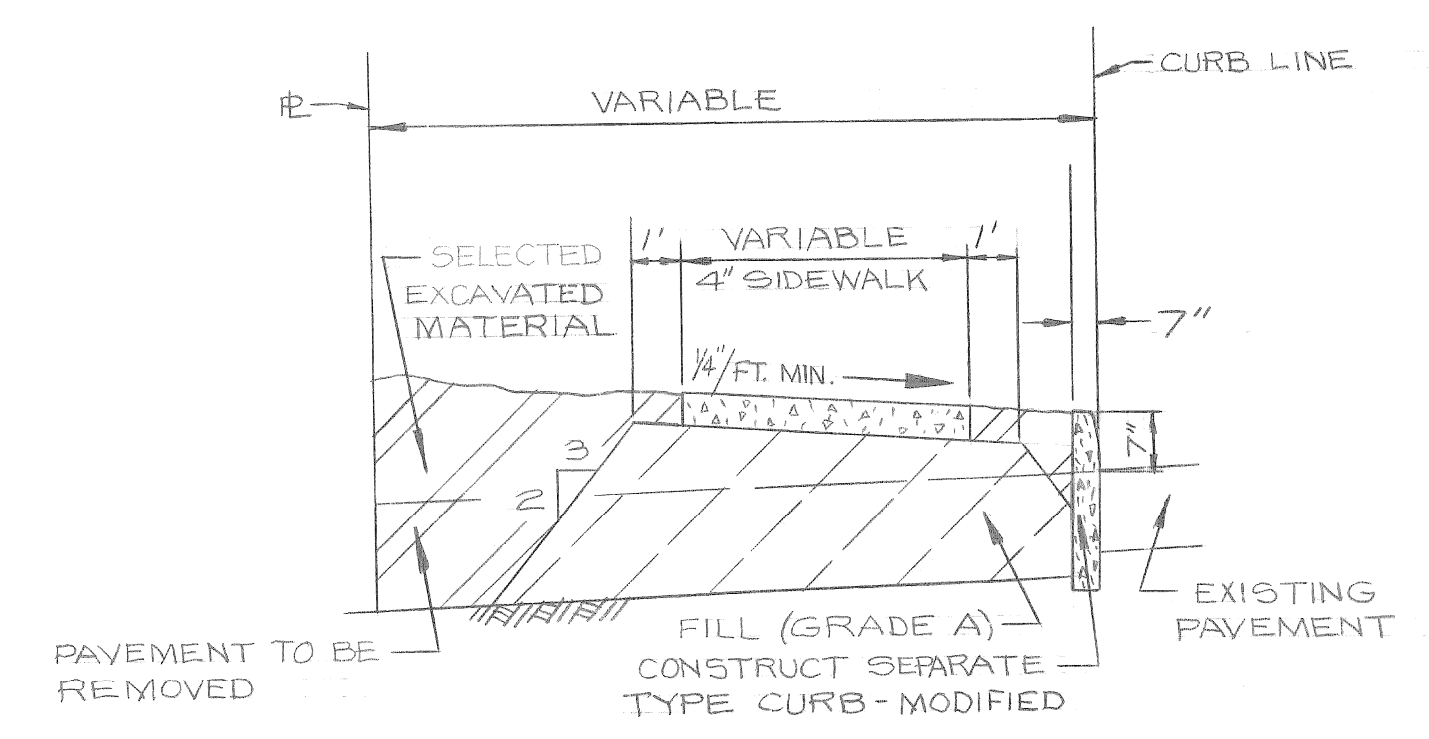
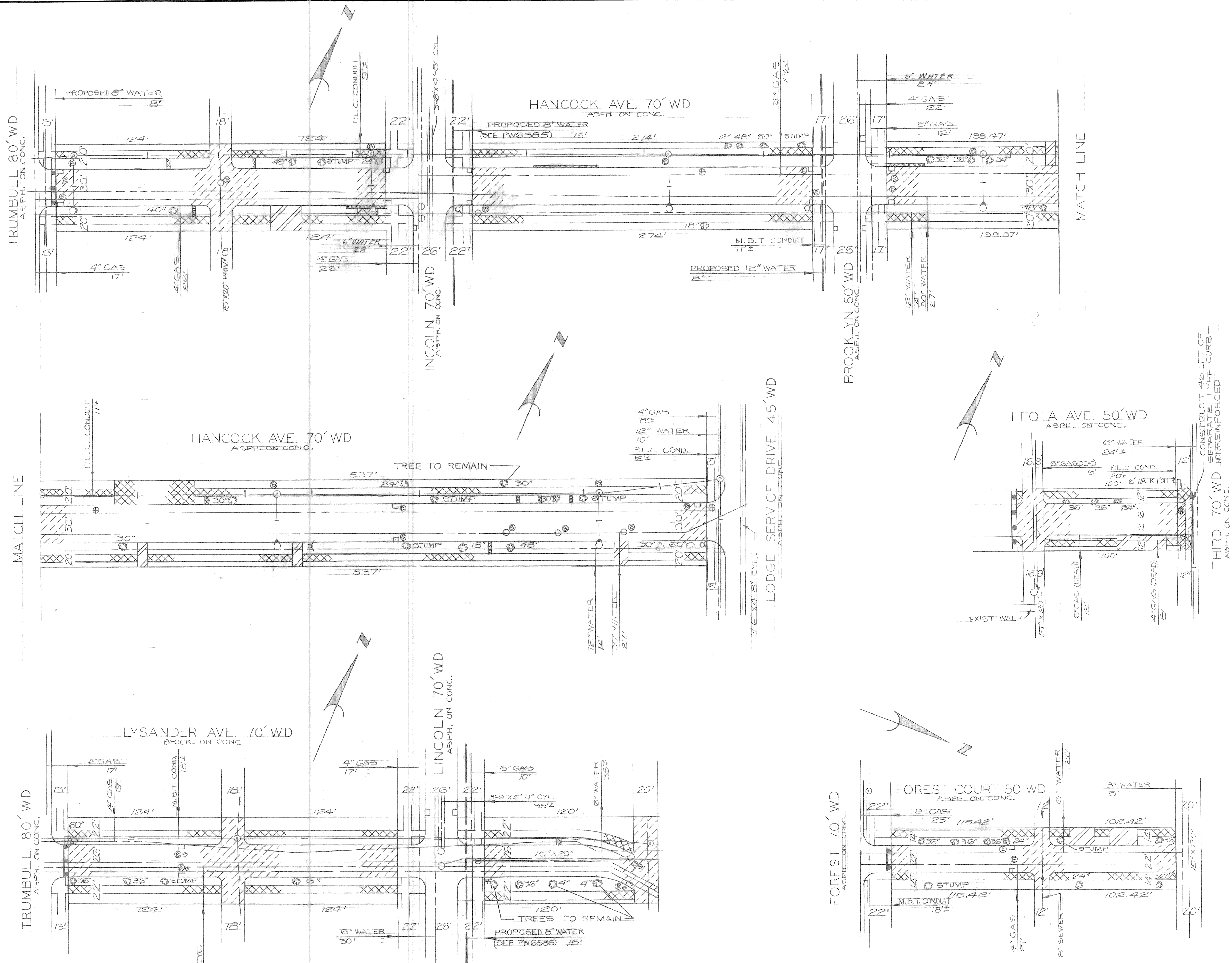
CALL MISS DIG  
48 HOURS PRIOR TO  
CONSTRUCTION 647-7344



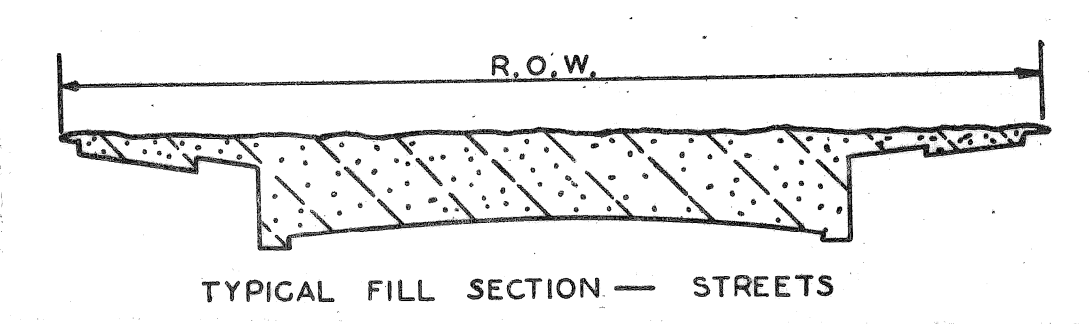
NOTE -  
APPROXIMATELY 71 CYDS OF  
SELECTED EXCAVATED MATERIAL ARE  
REQUIRED FOR THIS SHEET.

REVISIONS LOCATED BY COORDINATES ON SHEET 1      2      3      4      5      6      7      8      9      10      11		REFERENCE DRAWINGS DESIGNED BY DRAWN BY <i>D. Po. U.</i> TRACED BY CHECKED BY <i>W. Po. U.</i>	APPROVED: <i>William O'Kawara</i> ENGINEER OF STREETS	CITY OF DETROIT CITY ENGINEERING DIVISION E. P. M. D. FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT	ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO. 2 MICH. R - III REMOVAL SHEET	SHEET 7 OF 15 SHEETS CONTRACT NO. PW6584 ASSIGN. NO. 76-14-12 DATE 1-17-77
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- NOTES:  
 1. FOR LEGEND SEE SHEET # 2  
 2. FOR DETAILED QUANTITIES SEE SHEET # 12  
 3. FOR NOTES SEE SHEET # 2



NOTE -  
 APPROXIMATELY 5859 CYDS OF  
 SELECTED EXCAVATED MATERIAL ARE  
 REQUIRED FOR THIS SHEET.

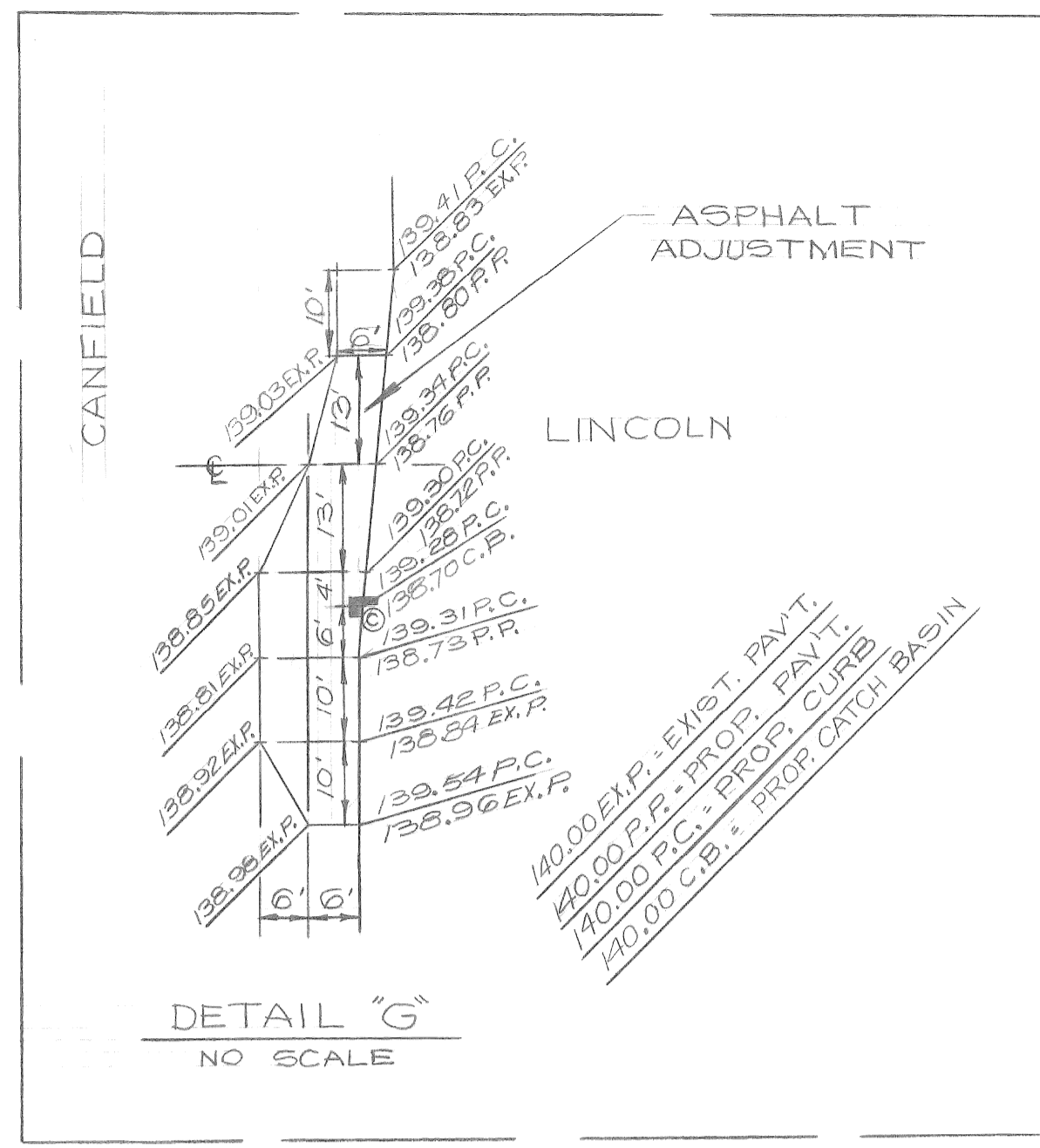
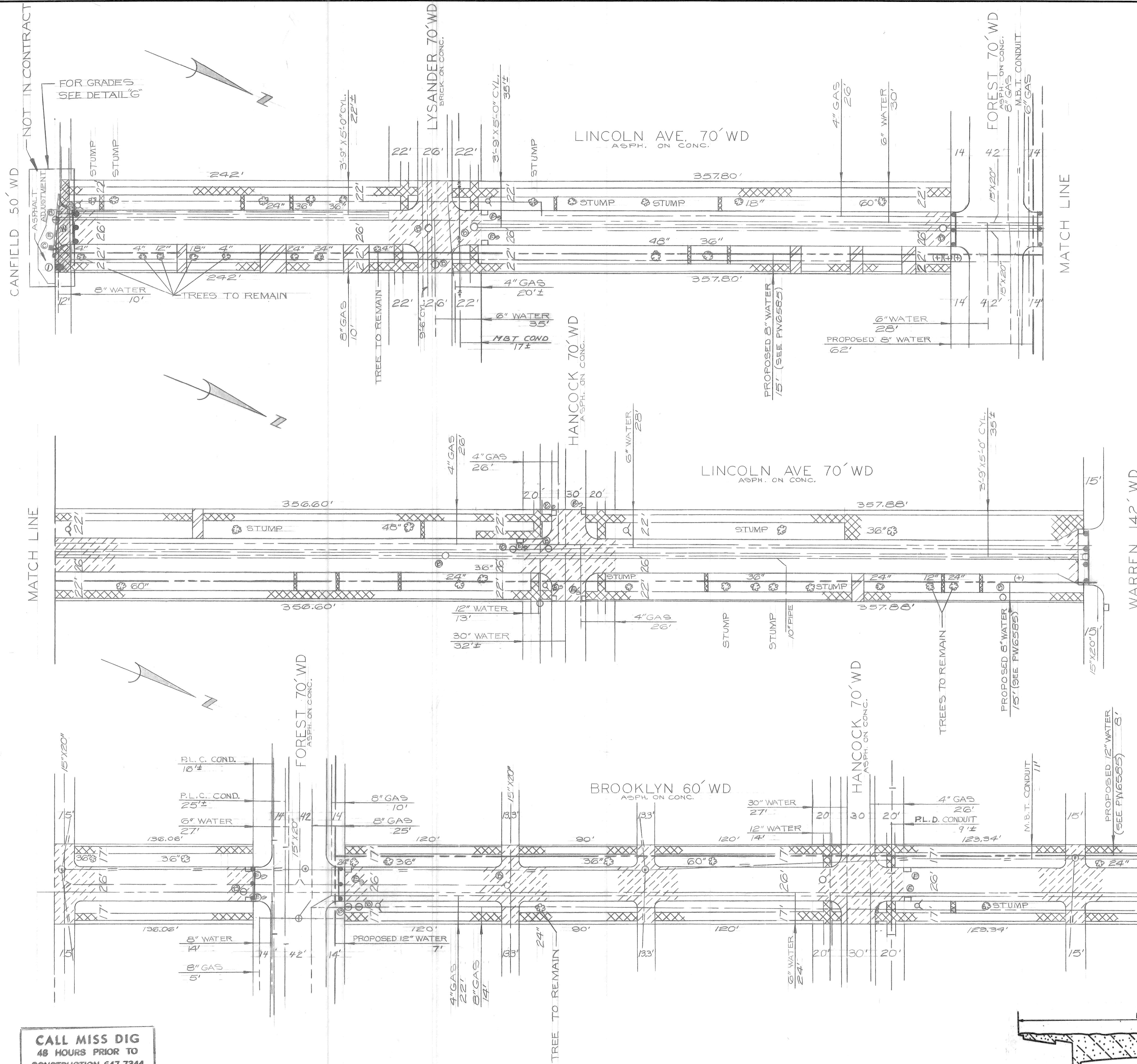


CALL MISS DIG  
 48 HOURS PRIOR TO  
 CONSTRUCTION 647-7344

PLAN  
 SCALE 1" = 40'

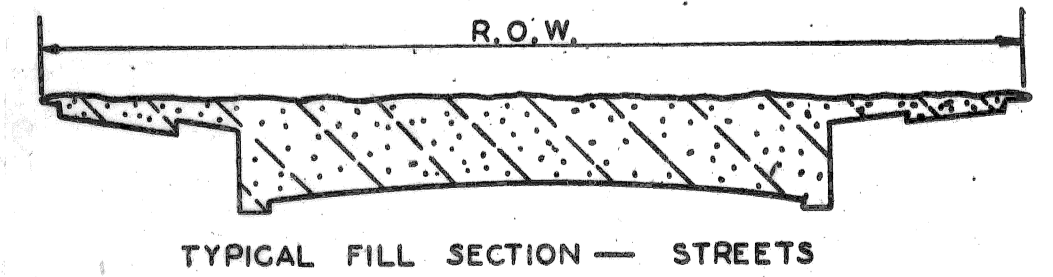
DESIGNED BY DRAWN BY TRACED BY CHECKED BY		APPROVED: ENGINEER OF STREETS		CITY OF DETROIT CITY ENGINEERING DIVISION E. P. M. D. FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT		ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET		SHEET 8 OF 15 SHEETS CONTRACT NO. PW 6584 ASSIGN. NO. 76-14-12 DATE 1-17-77	
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- NOTES:
1. FOR LEGEND SEE SHEET # 2
  2. FOR DETAILED QUANTITIES SEE SHEET # 13
  3. FOR NOTES SEE SHEET # 2

NOTE - APPROXIMATELY 6874 CYDS OF SELECTED EXCAVATED MATERIAL ARE REQUIRED FOR THIS SHEET.



PLAN SCALE 1"=40'

CALL MISS DIG 48 HOURS PRIOR TO CONSTRUCTION 647-7344

COORD	DESCRIPTION	DWN	CHK	APVD	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	
DRAWN BY	D.P.A.
TRACED BY	
CHECKED BY	D.E.U.

APPROVED:  
*William D. Lawrence*  
 ENGINEER OF STREETS

CITY OF DETROIT  
 CITY ENGINEERING DIVISION  
 E. P. M. D.  
 FOR  
 COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III  
 REMOVAL AND MISCELLANEOUS CONSTRUCTION SHEET

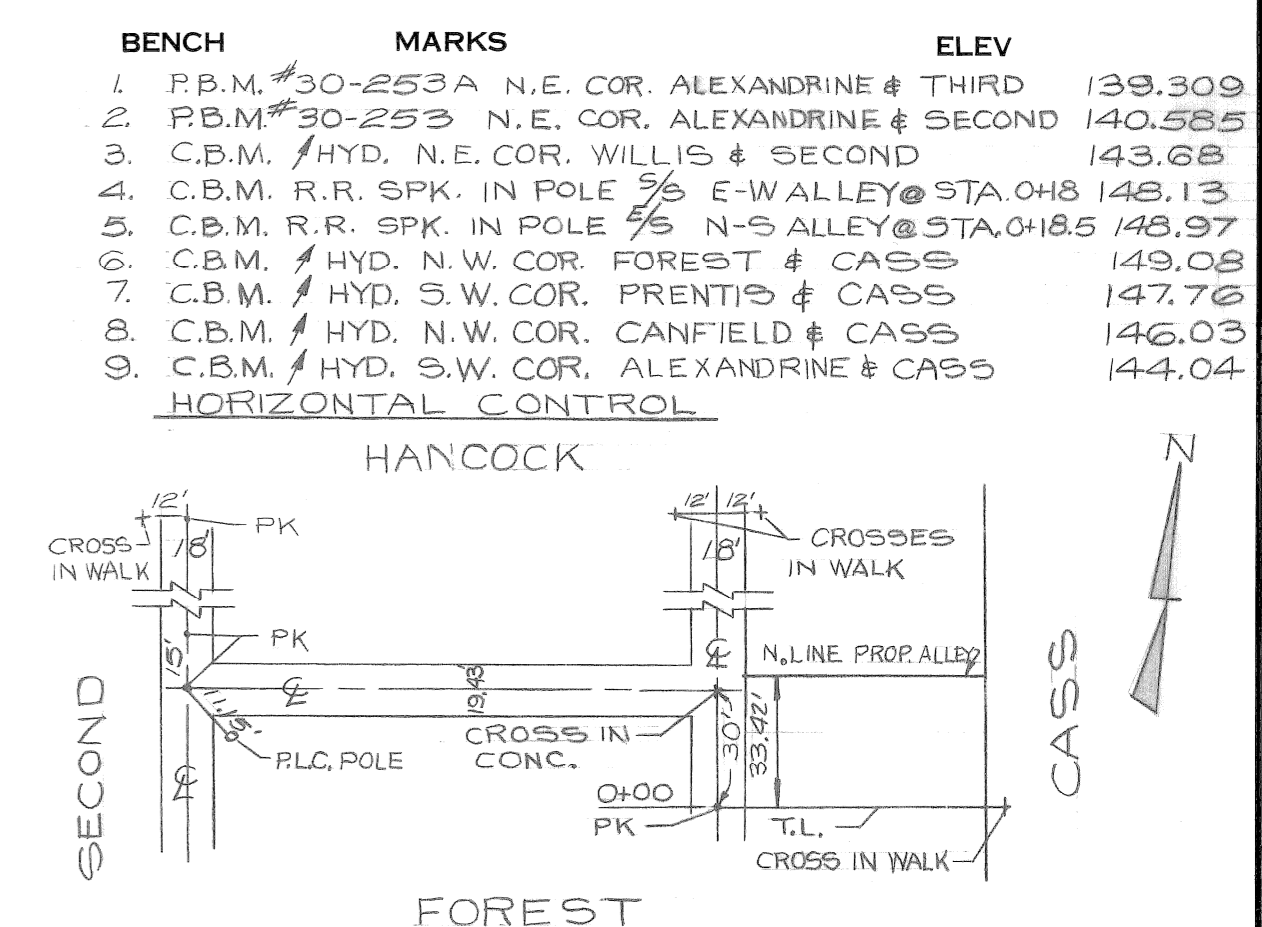
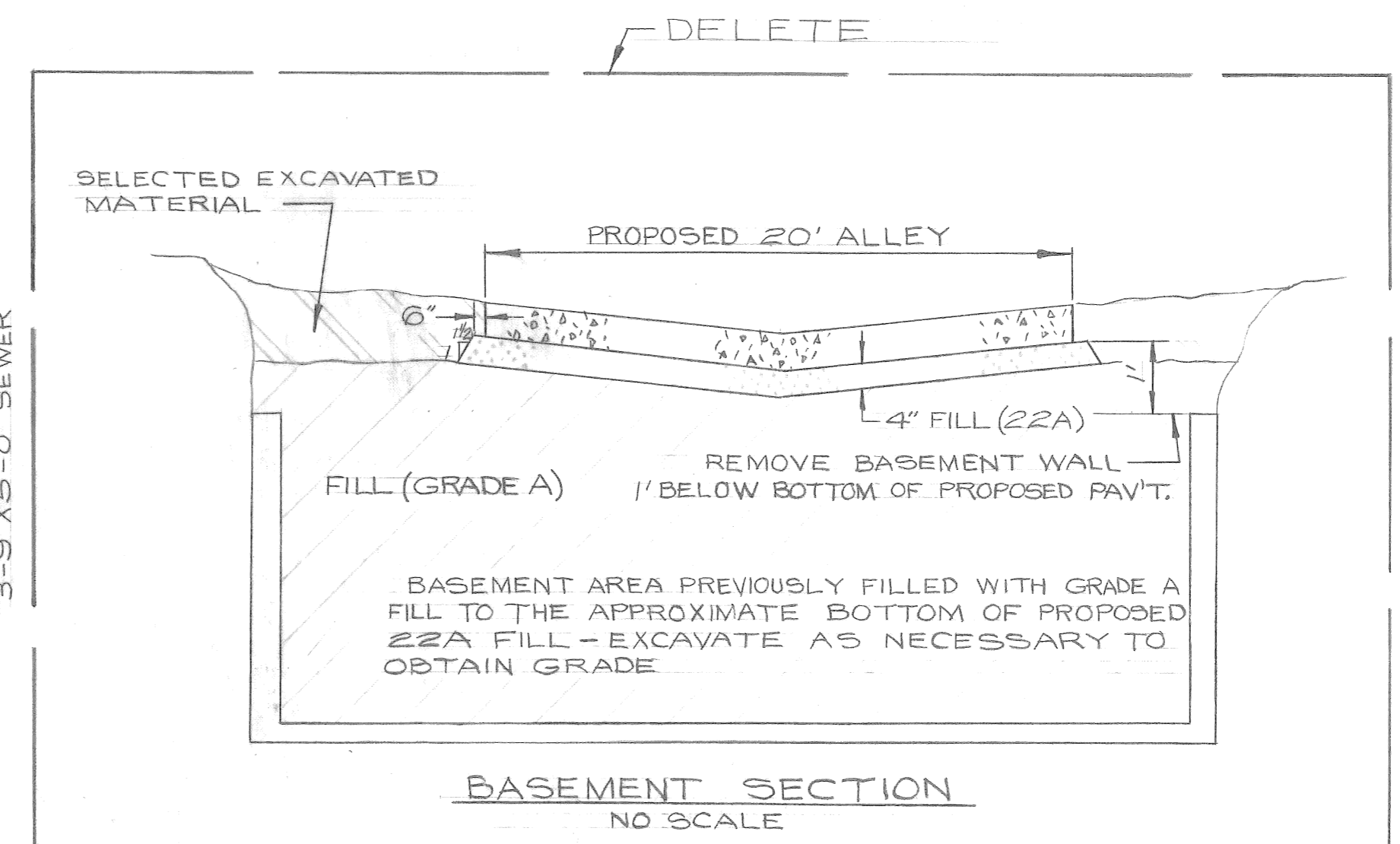
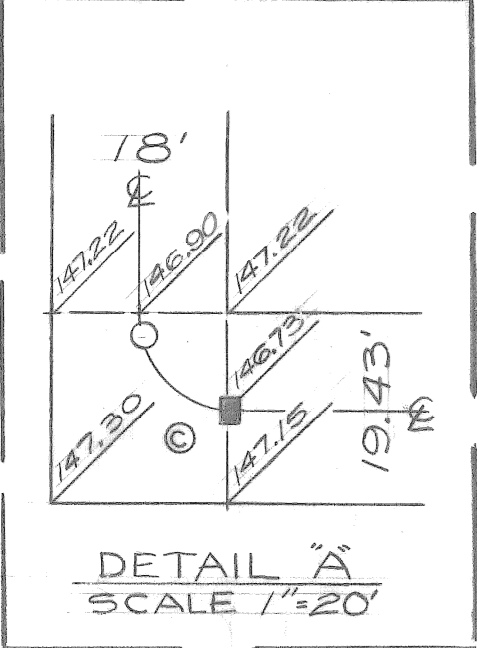
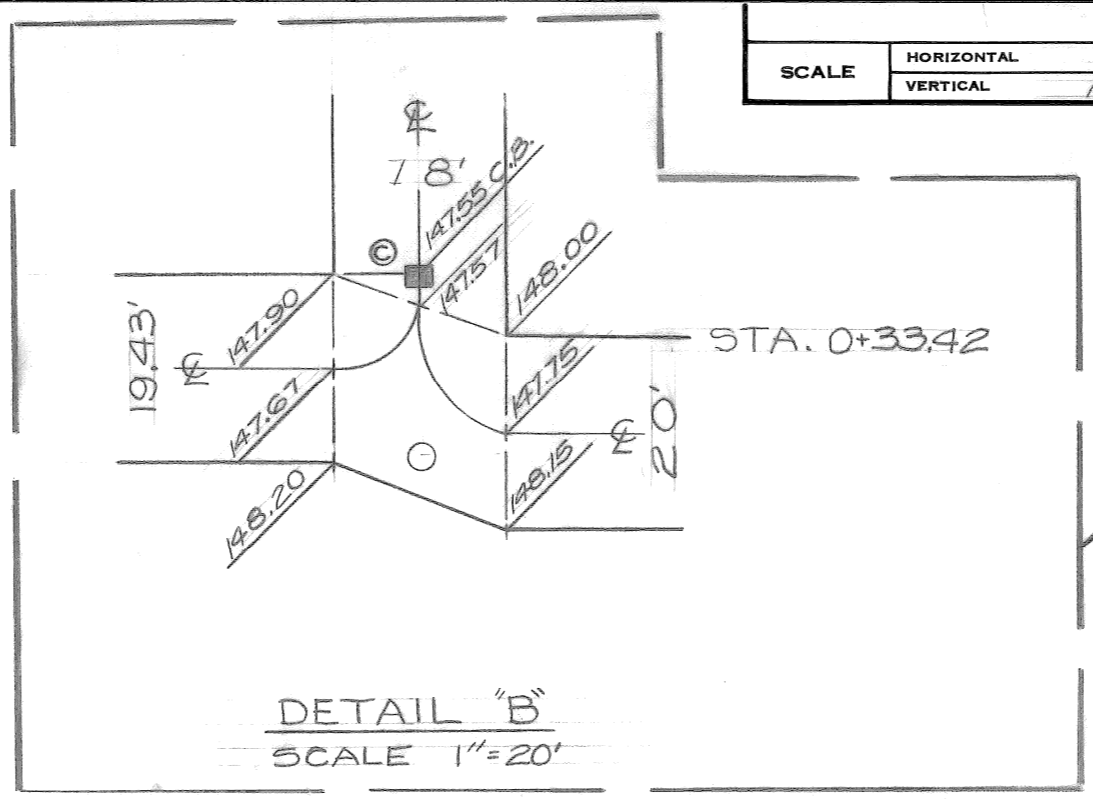
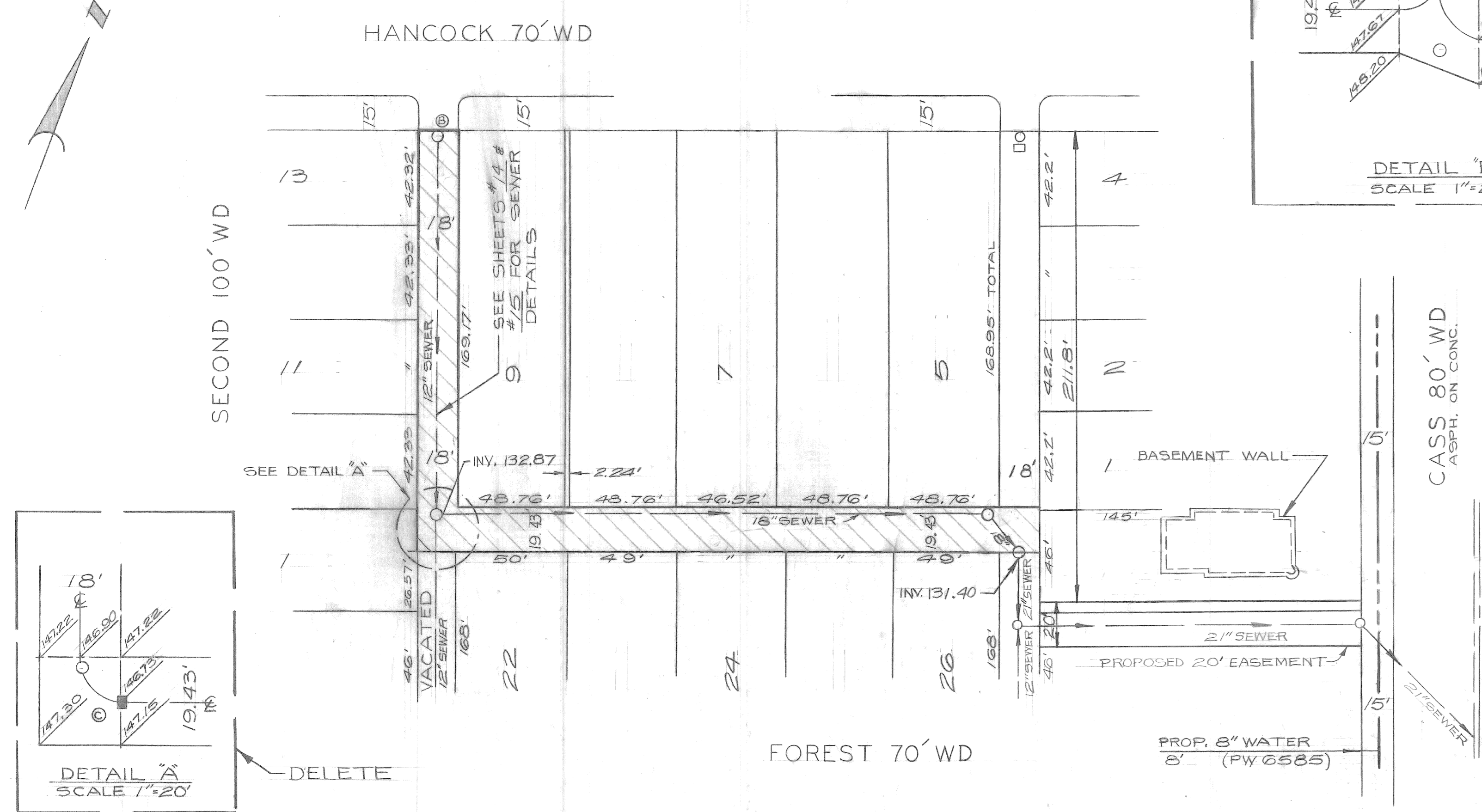
SHEET	9	OF	15	SHEETS
CONTRACT NO.	PW6584			
ASSIGN. NO.	76-14-12			
DATE	1-17-77			

SCALE	HORIZONTAL	1" = 40'	VERTICAL	1" = 2'	
BOOK	1130E (3)	NO.	1-B	LEVEL	8-24-76
DATE	PAVING COMPLETED				

BEFORE STARTING CONSTRUCTION, CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.

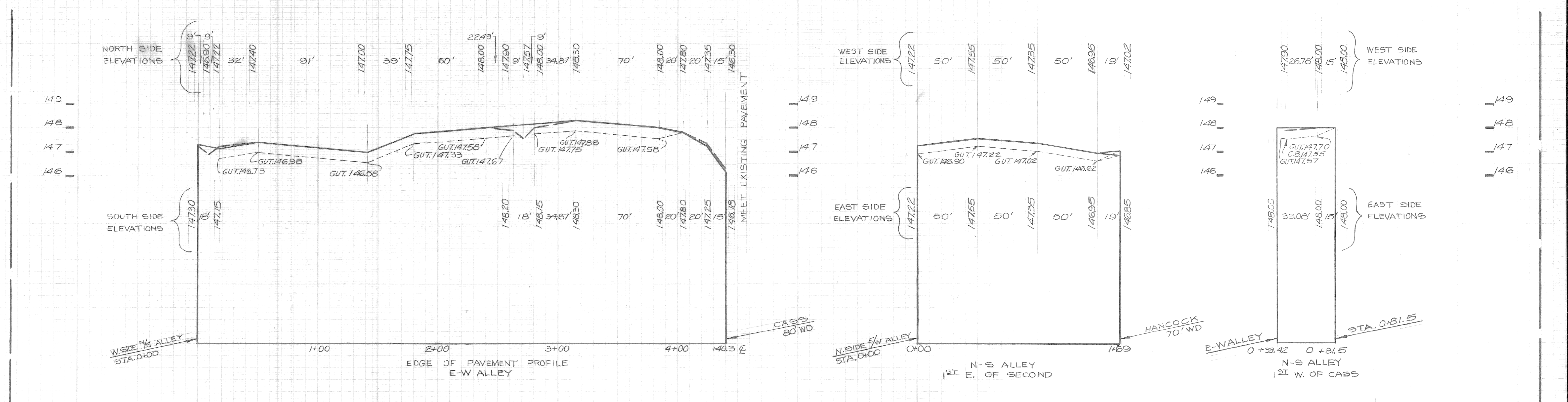
NOTE - FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING NO. C-4376

BENCH MARKS	ELEV
1. P.B.M. #30-253A N.E. COR. ALEXANDRINE & THIRD	139.309
2. P.B.M. #30-253 N.E. COR. ALEXANDRINE & SECOND	140.585
3. C.B.M. #HYD. N.E. COR. WILLIS & SECOND	143.68
4. C.B.M. R.R. SPK. IN POLE 3/8 E-W ALLEY @ STA. 0+81.5	148.13
5. C.B.M. R.R. SPK. IN POLE 3/8 N-S ALLEY @ STA. 0+18.5	148.97
6. C.B.M. #HYD. N.W. COR. FOREST & CASS	149.08
7. C.B.M. #HYD. S.W. COR. PRENTISS & CASS	147.70
8. C.B.M. #HYD. N.W. COR. CANFIELD & CASS	146.03
9. C.B.M. #HYD. S.W. COR. ALEXANDRINE & CASS	144.04



- LEGEND
- CONSTRUCT 4" STANDARD SIDEWALK
  - CONSTRUCT SEPARATE TYPE CURB
  - CONSTRUCT 18"X12" SPECIAL "Y" CATCH BASIN
  - PROPOSED 12" SEWER PIPE
  - ADJUST EXISTING MANHOLE
  - BUILDING WITH BASEMENT
  - STONING AND GRADING

- NOTES:
- FOR DETAILED QUANTITIES SEE SHEET # 13
  - THE CONST. OF THE TEMPORARY SIDEWALK IS INCIDENTAL TO THE COST OF THE TEMPORARY PAVEMENT - 6" AGGREGATE BASE + 2" ASPHALT - SYDS.
  - AT THE TIME THAT THE CONTRACTOR IS READY, EITHER TO STONE AND GRADE OR PAVE THIS PORTION OF THE ALLEY, THE CONTRACTOR SHALL NOTIFY THE ENGR. SECTION OF THE COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT (C.E.D.) BY CALLING 224-2373. C.E.D. THEN WILL ISSUE A WRITTEN ORDER TO EITHER STONE AND GRADE OR PAVE THIS PORTION OF THE ALLEY.



Sewer Approved 2/2/77 C. J. ...

PLAN	BY: G. U.	CHECKED BY:	APPROVED: <i>Neil J. ...</i>
GRADE	G. U.		ENGINEER OF STREETS
ESTIMATE	G. U.		
FINAL	W. L. T.		

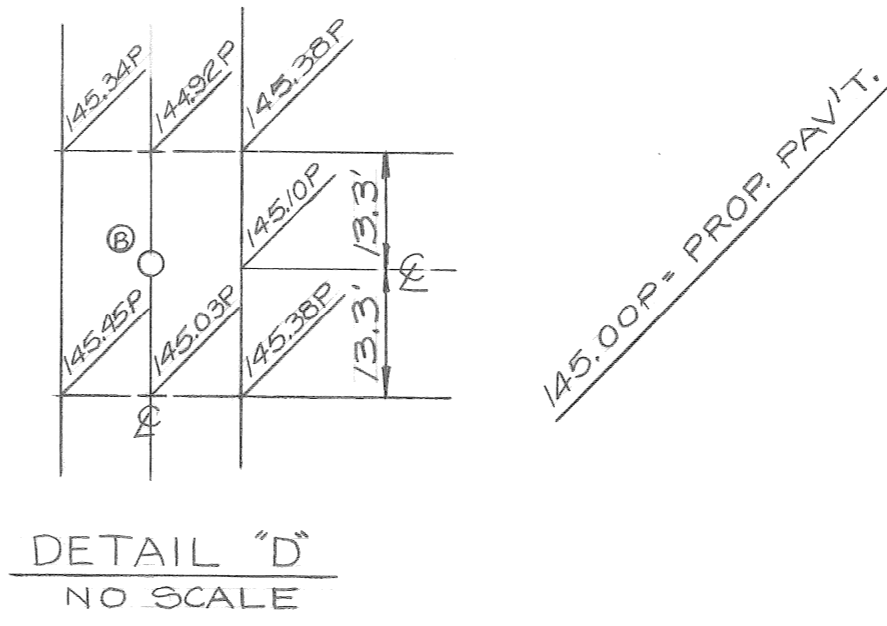
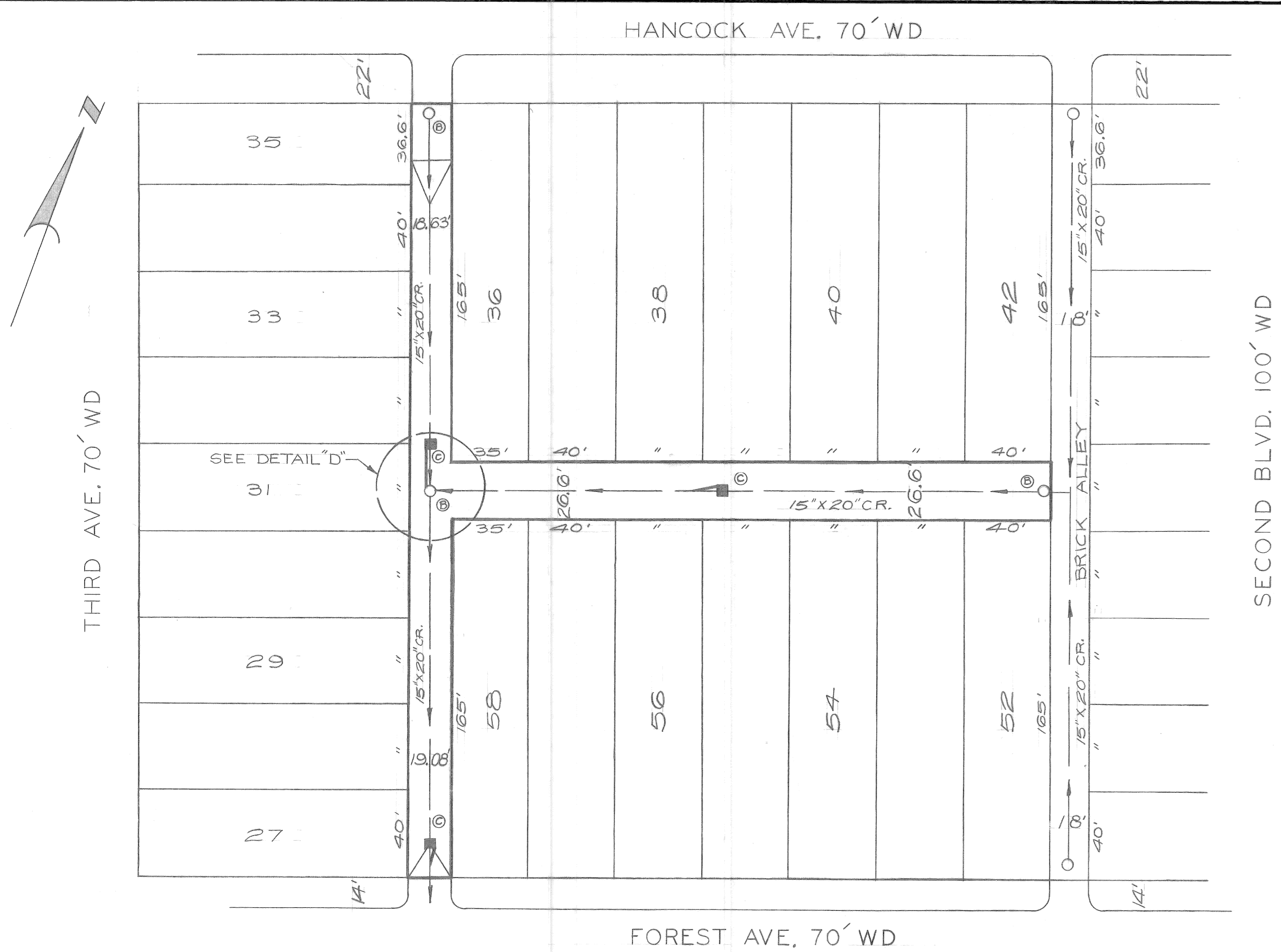
CITY OF DETROIT  
CITY ENGINEERING DIVISION  
E. P. M. D.  
FOR  
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

ALLEY PAVEMENT, PAVEMENT REMOVAL AND  
MISCELLANEOUS CONSTRUCTION UNIVERSITY  
CITY REHABILITATION PROJECT NO. 2 MICH. R-III  
PAVING PLAN

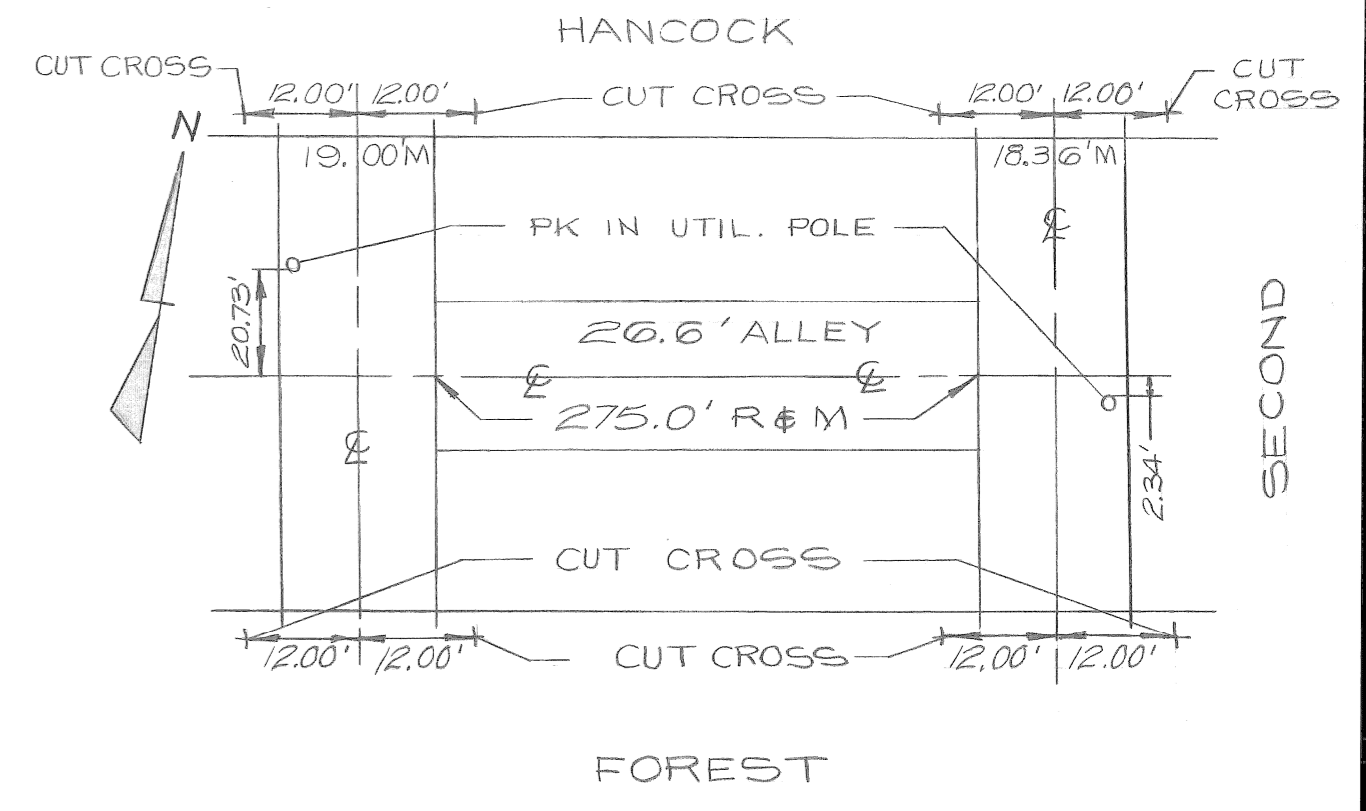
INDEX NO.	5	SHEET	10	OF	15	SHEETS
CONTRACT NO.	PW 6584					
ASSIGNMENT NO.	76-14-12					
DATE	1-17-77					

SCALE	HORIZONTAL: 1" = 40'	VERTICAL: 1" = 2'	BOOK: 4-30 E (2)	NO.:	PG.:	DATE: 11-30-76	LEVEL: 11-30-76	CONTRACTOR: [blank]
BEFORE STARTING CONSTRUCTION, CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.								

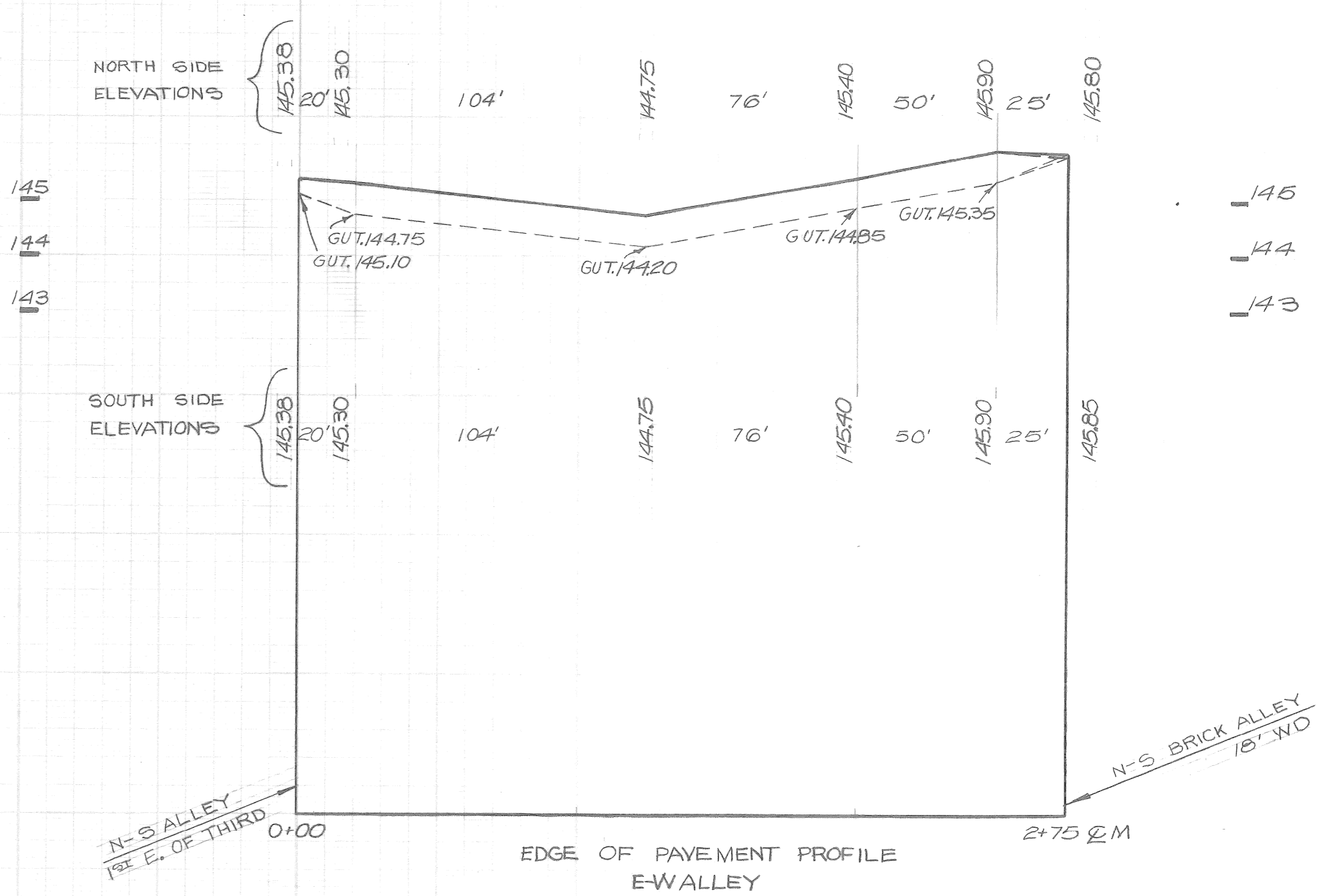
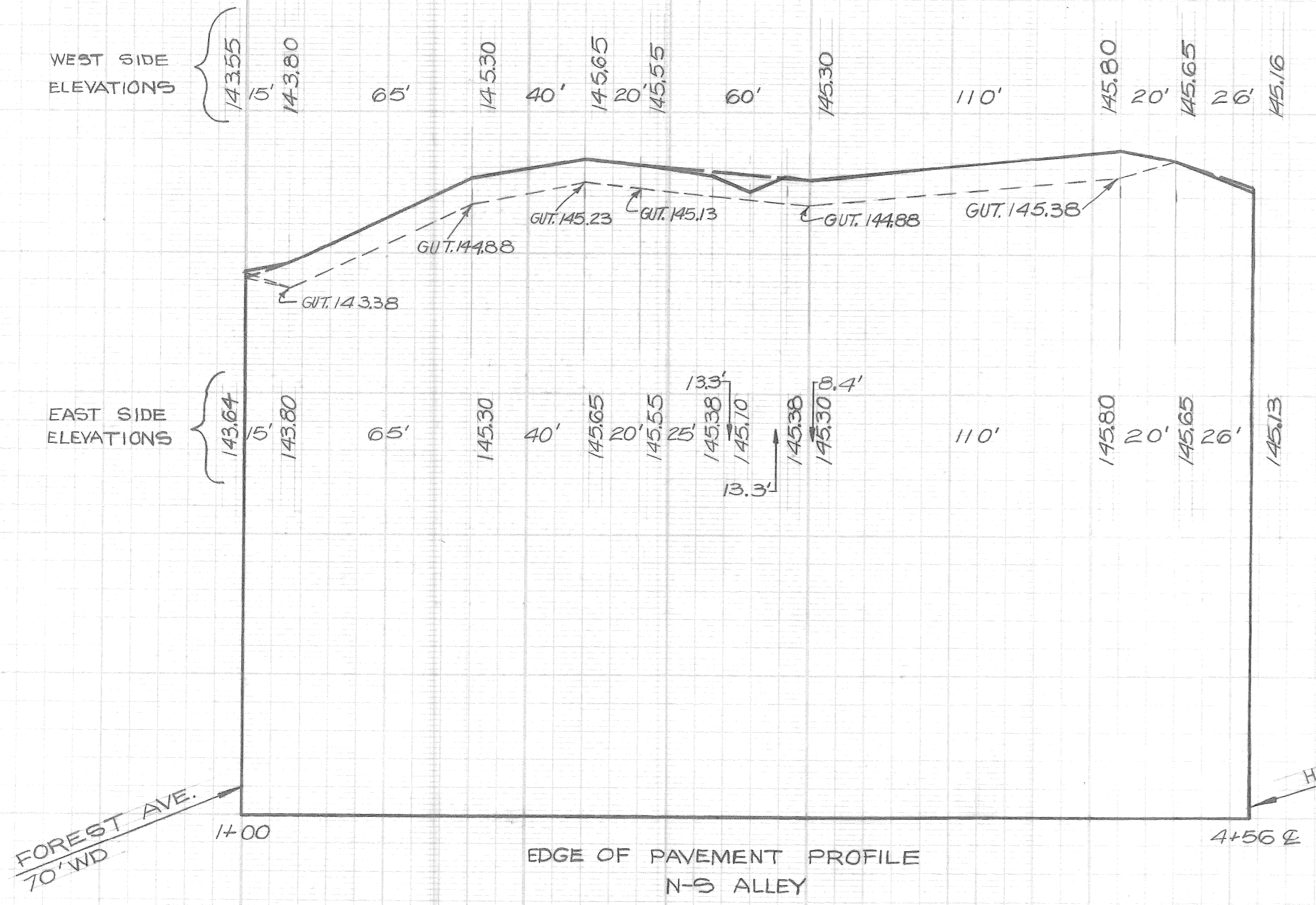
NOTE - FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING NO. C-473



BENCH MARKS	ELEV
R.B.M. #30-253A N.E. COR. ALEXANDRINE & THIRD	139.308
R.B.M. #30-253 N.E. COR. ALEXANDRINE & SECOND	140.585
C.B.M. R.R. SPK. IN UTIL. POLE 1/2 ALLEY STA.	
2+76 1 <sup>ST</sup> ALLEY W. OF 2 <sup>ND</sup> & N. OF FOREST	146.69
# 1 <sup>ST</sup> ALLEY E. OF 3 <sup>RD</sup>	143.96
C.B.M. R.R. SPK. M.B.T. POLE N.E. COR. ALLEY INTERSECTION 1 <sup>ST</sup> ALLEY EAST OF 3 <sup>RD</sup> & ALLEY N. OF HANCOCK	147.45



- NOTES:
- FOR LEGEND SEE SHEET #10
  - FOR DETAILED QUANTITIES SEE SHEET #12



Sewer Approved  
2/19/77  
C. Wright

PLAN	BY: D.C.U.	CHECKED BY:	APPROVED: <i>Wain D. Rawwas</i> ENGINEER OF STREETS
GRADE	D.C.U.		
ESTIMATE	D.C.U.		
DESCRIPTION	DR N	CK'D	AP'VD
REVISIONS	CHEK	REVIEW	
	W.L.T.		

CITY OF DETROIT  
CITY ENGINEERING DIVISION  
E. P. M. D.  
FOR  
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III  
PAVING PLAN

INDEX NO.	5	SHEET 11 OF 15 SHEETS
CONTRACT NO.	PW 6584	
ASSIGNMENT NO.	76-14-12	
DATE	1-17-77	

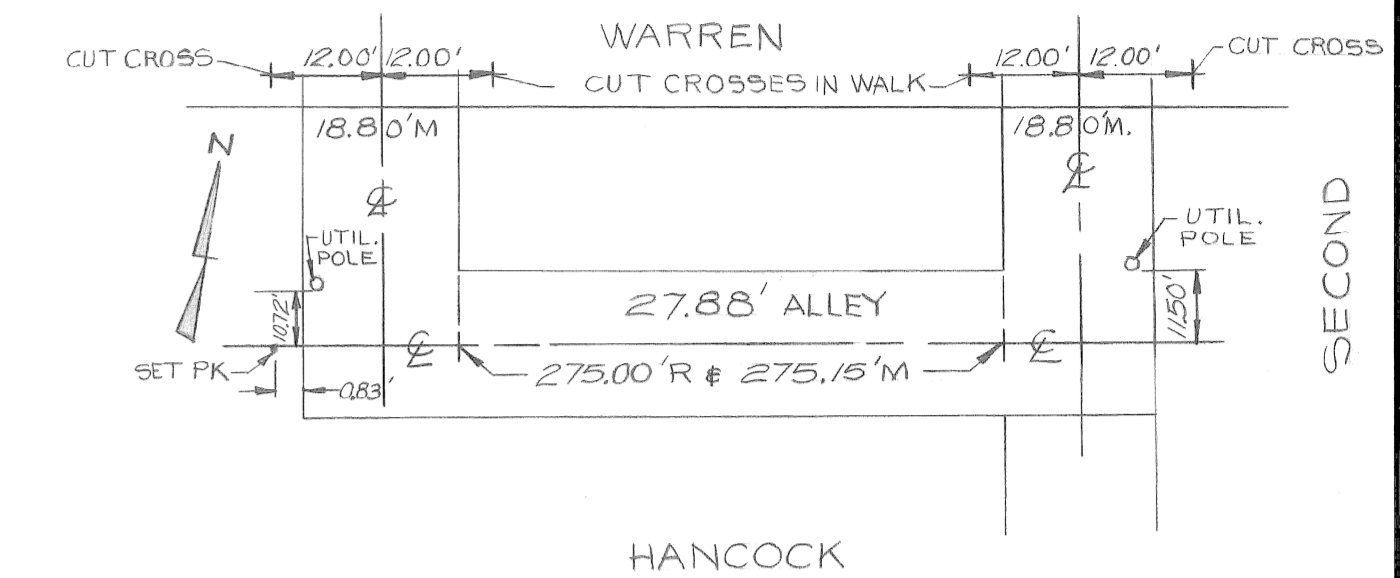
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BOOK	11-30 E (3)	PG. 1-17
LEVEL	11-30-76	DATE
PAVING COMPLETED		

BEFORE STARTING CONSTRUCTION, CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.

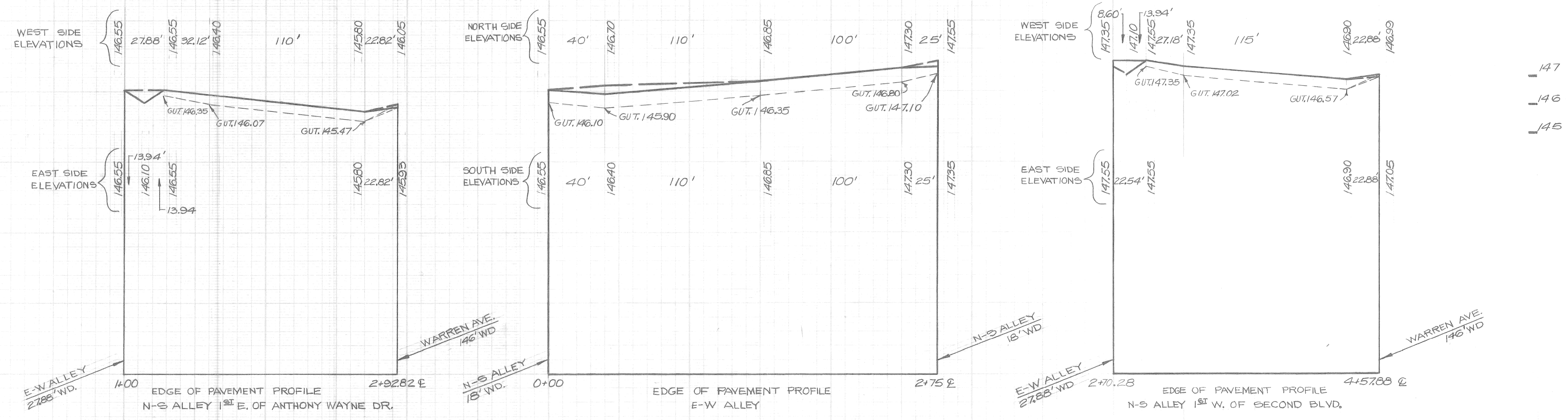
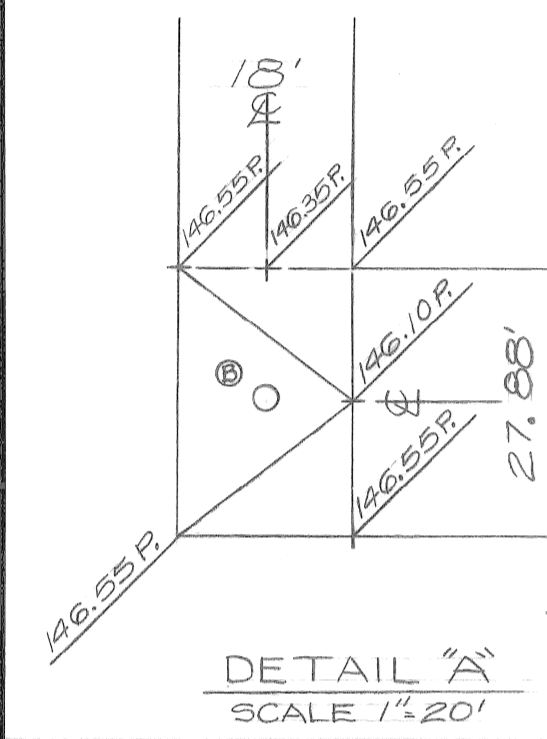
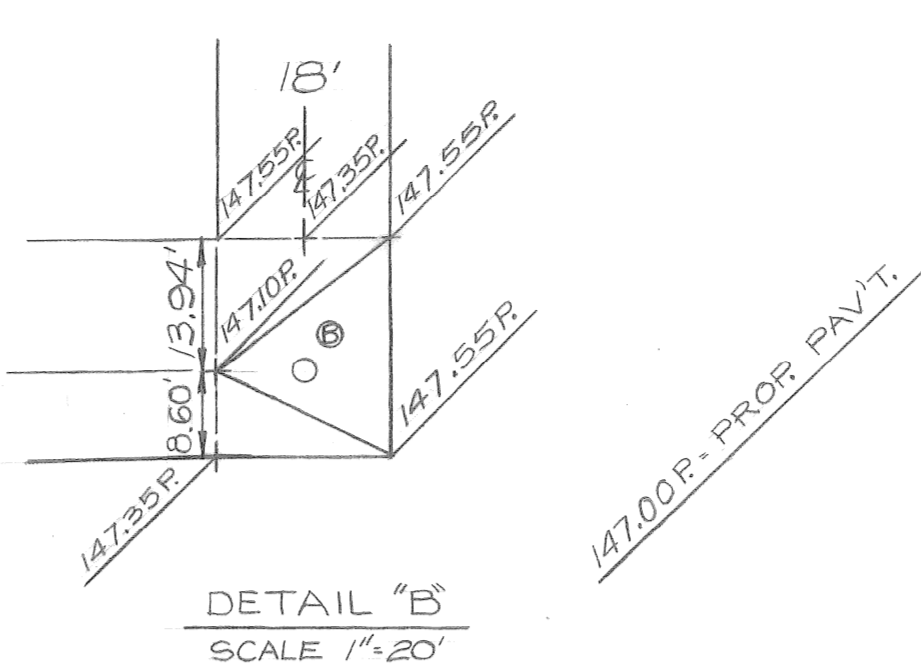
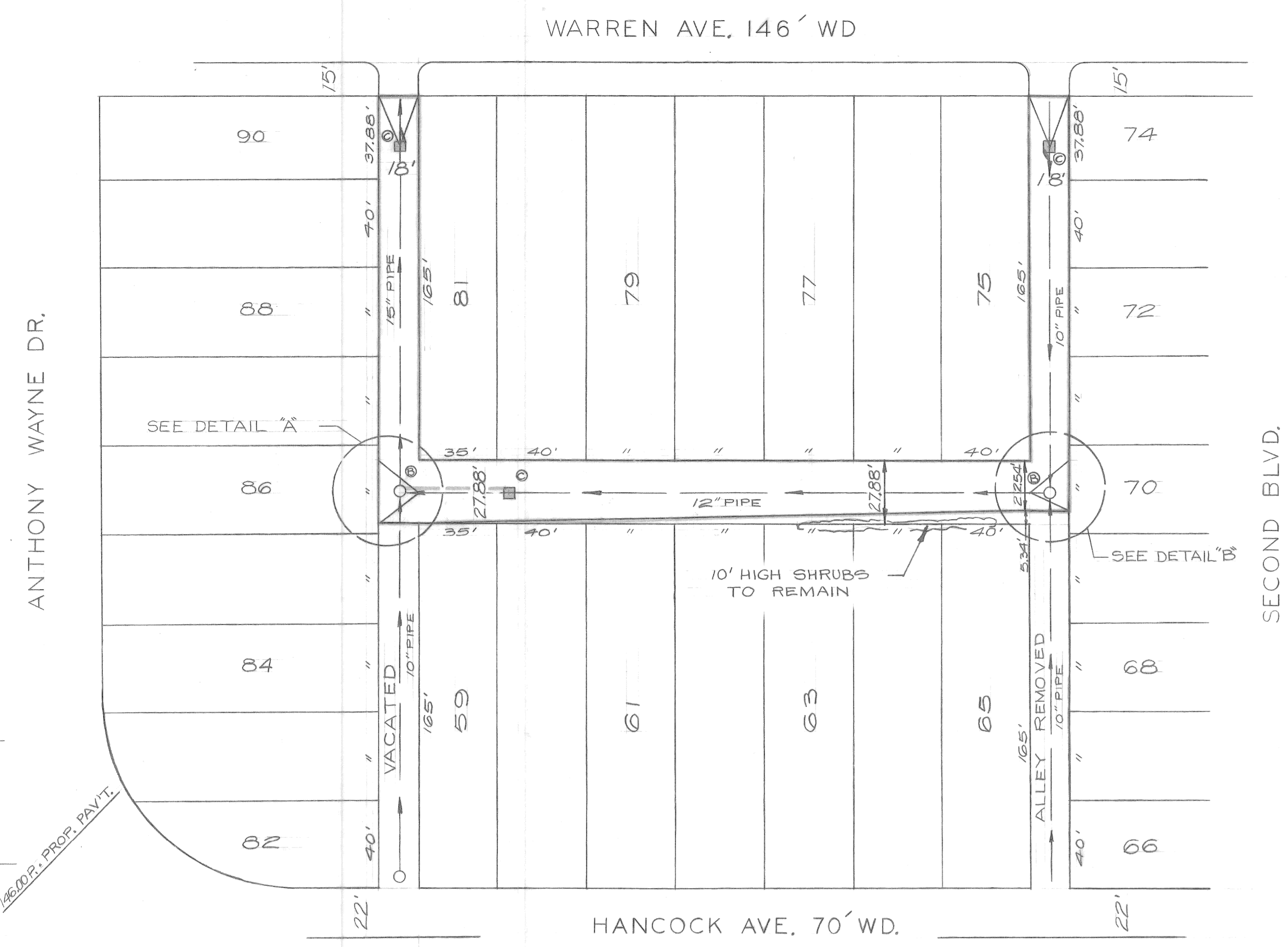
NOTE - FOR SYMBOLS (A) ETC. SEE STANDARD DETAIL DRAWING NO. C-171

BENCH MARKS	ELEV
P.B.M. #20-253A N.E. COR. ALEXANDRINE & THIRD	139.309
P.B.M. #30-253 N.E. COR. ALEXANDRINE & SECOND	140.585
C.B.M. R.R. SPK. IN UTILITY POLE N.W. COR. OF ALLEY INTER. 1 <sup>ST</sup> ALLEY E. OF 3 <sup>RD</sup> & ALLEY N. OF HANCOCK	147.45
C.B.M. R.R. SPK. IN UTILITY POLE S.W. COR. WARREN & 1 <sup>ST</sup> ALLEY E. OF 3 <sup>RD</sup>	146.75
C.B.M. R.R. SPK. IN POLE 20' S. OF WARREN & E/6 OF 1 <sup>ST</sup> ALLEY W. OF 2 <sup>ND</sup>	148.08
C.B.M. R.R. SPK. IN UTILITY POLE N.E. COR. OF INTERSECTING ALLEYS 1 <sup>ST</sup> ALLEY W. OF 2 <sup>ND</sup> & NORTH OF HANCOCK	148.28

HORIZONTAL CONTROL



- NOTES:
- FOR LEGEND SEE SHEET # 10
  - FOR DETAILED QUANTITIES SEE SHEET # 13



DESCRIPTION	DRN	CK'D	AP'D	DATE
REVISIONS				
BY	CHECKED BY		APPROVED:	
PLAN	D.G.P.		Wain D. James	
GRADE	D.G.P.		ENGINEER OF STREETS	
ESTIMATE	D.G.P.			
FINAL	W.L.T.			

**CITY OF DETROIT**  
 CITY ENGINEERING DIVISION  
 E. P. M. D.  
 FOR  
 COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

ALLEY PAVEMENT, PAVEMENT REMOVAL AND  
 MISCELLANEOUS CONSTRUCTION UNIVERSITY  
 CITY REHABILITATION PROJECT NO.2 MICH. R-III  
 PAVING PLAN

INDEX NO.	5	SHEET	12	OF	15	SHEETS
CONTRACT NO.	PW 6584					
ASSIGNMENT NO.	76-14-12					
DATE	1-17-77					

Sewer Approved  
 2/2/77  
 [Signature]

NO.	DESCRIPTION OF ITEM	UNIT	SH#2	SH#3	SH#4	SH#5	SH#8	SH#9	SH#10	SH#11	SH#12	TOTAL
1.	EXCAVATION	CYBS							120	25	25	170
2.	BERM GRADING	SYBS	8	20		43			14		30	115
3.	STREET PAVEMENT REM'L.- UNREINFORCED	SYBS	25	50		130	6737	7899	31		46	14918
4.	ALLEY PAVEMENT REMOVAL	SYBS	2209	2021	3813	3312			1355	1560	1931	16201
5.	DRIVEWAY REMOVAL	SFT					2282	2937	43			5262
6.	SIDEWALK REMOVAL	SFT	89	182		400	23345	29949	202		81	64248
7.	SEPARATE TYPE CURB REM'L.- UNREINFORCED	LFT							30			30
8.	FILL (GRADE A)	CYBS	6	9		31	12				7	65
9.	FILL (22A)	CYBS							16			16
10.	TREE REMOVAL 4"-12" DIA.	EA					2					2
11.	TREE REMOVAL 13"-18" DIA.	EA					2	1				3
12.	TREE REMOVAL 24" DIA.	EA					6	7				13
13.	TREE REMOVAL 30" DIA.	EA					4					4
14.	TREE REMOVAL 36" DIA.	EA					12	10				22
15.	TREE REMOVAL 40" DIA.	EA					1					1
16.	TREE REMOVAL 48" DIA.	EA					4	3				7
17.	TREE REMOVAL 60" DIA.	EA					3	3				6
18.	STUMP REMOVAL	EA					8	12				20
19.	GRADING ABANDONED ALLEYS	SYBS	2211	2021	3693	3313			254		330	11822
20.	GRADING ABANDONED STREETS	SYBS					14554	17548				32102
21.	CATCH BASIN - ABANDONMENT	EA			4	5	11	2	3			25
22.	CATCH BASIN - SPECIAL ABANDONMENT	EA	8	7	9	7	4	10		3	4	52
23.	CATCH BASIN 18"X12" SPECIAL "Y"	EA							5	3	3	11
24.	SEWER - 12" PIPE C-76-IV	LFT							100	50	80	230
25.	MANHOLE ABANDONMENT	EA				1						1
26.	MANHOLE ADJUSTMENT	EA	4	2	3	5	11	11	3	3	4	46
27.	MANHOLE - RECONSTRUCT CONE	EA										1
28.	STOP BOX ADJUSTMENT	EA										1
29.	PAV'T.-6" UNIF. HIGH EARLY STRENGTH CONC.	SYBS							1417	1560	1531	4508
30.	TEST CORES	EA							3	2	3	8
31.	SIDEWALKS - 4" STANDARD *	SFT	240	432		989	300		240		210	2411
32.	LONG. DUMMY-GROVE CONTRACTION JOINT	LFT							637	632	641	1910
33.	SEPARATE TYPE CURB- NON- REINFORCED	LFT	26			120	46		26		26	244
34.	SEPARATE TYPE CURB- REINFORCED	LFT		48								48
35.	TEMP PAV'T.- 6"AGG. BASE + 2" ASPHALT	SYBS							40			40
36.	SINGLE BEAM BARREL BARRICADE (25'LENGTH)	EA		1		2	1			1		5
37.	SINGLE BEAM BARREL BARRICADE (25'LENGTH)	EA					2	6				8
38.	SINGLE BEAM BARREL BARRICADE (37.5'LENGTH)	EA						1				1
39.	LITTER REMOVAL	CYBS										100
40.	CLEANING STRUCTURES	EA										1
41.	MAINTAINING TRAFFIC	LUMP SUM										
	SEWER ITEMS											FOR QUANTITIES SEE SHEET #14 & #15

NOTES:  
\* CONSTRUCTION ONLY

COORD.	DESCRIPTION	DRN	CHKD	AP'D	DATE
1	REVISIONS LOCATED BY COORDINATES ON SHEET				
2					
3					
4					

DESIGNED BY		APPROVED:	<i>James Kawawa</i> ENGINEER OF STREETS
DRAWN BY	<i>D.B.U.</i>		
TRACED BY			
CHECKED BY	<i>R.E.H.</i>		

CITY OF DETROIT  
CITY ENGINEERING DIVISION  
E. P. M. D.  
FOR  
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

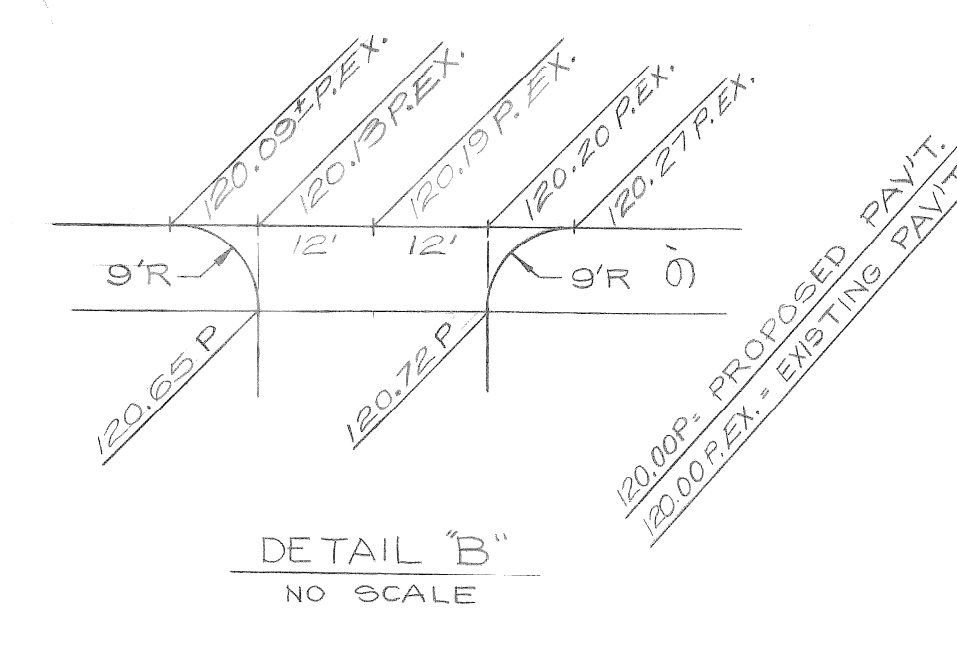
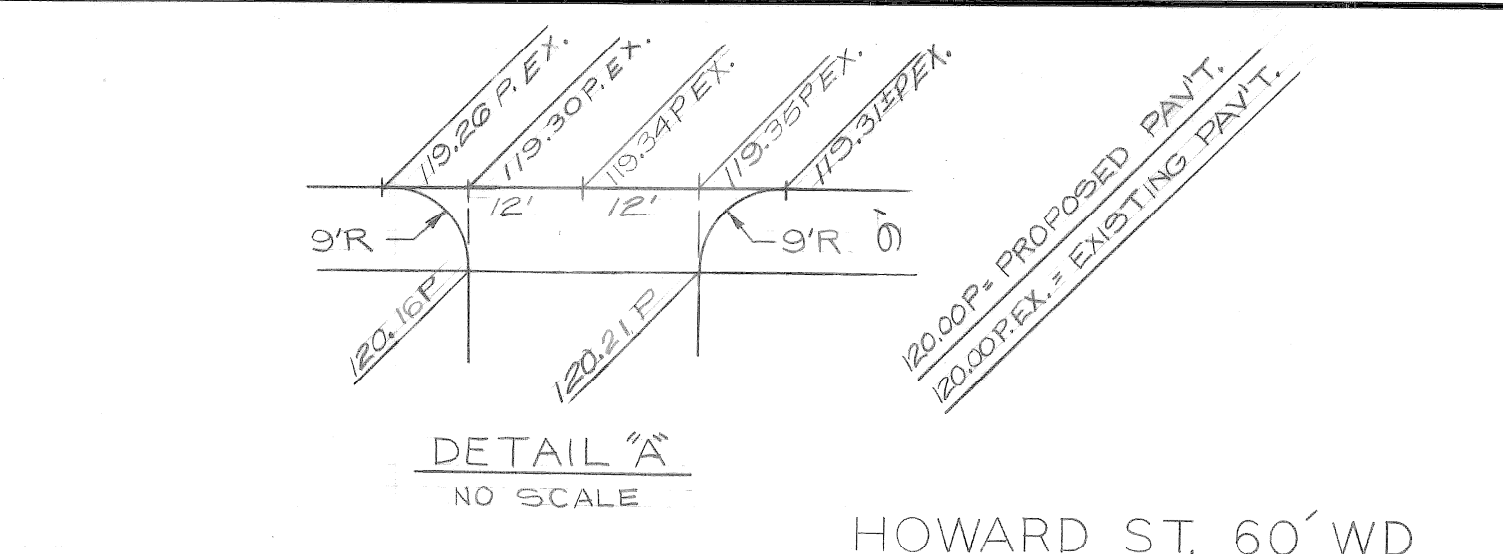
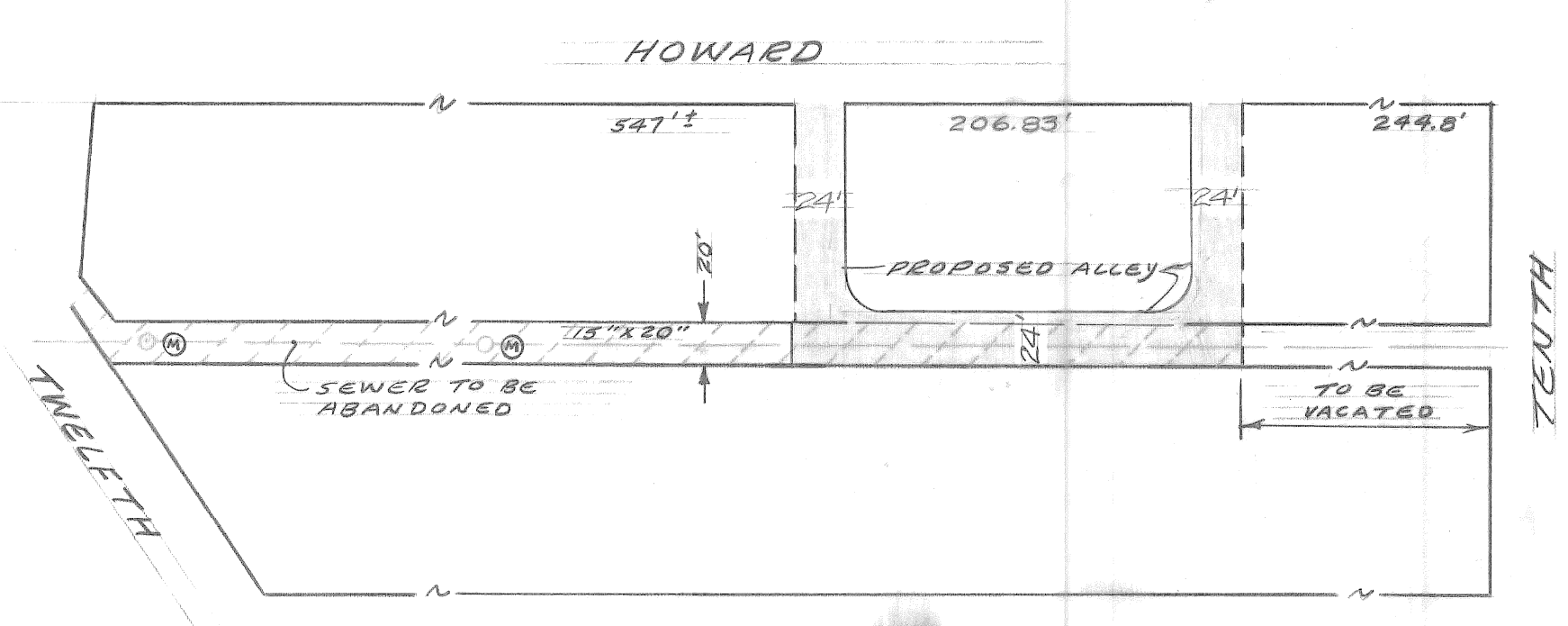
ALLEY PAVEMENT, PAVEMENT REMOVAL AND  
MISCELLANEOUS CONSTRUCTION UNIVERSITY  
CITY REHABILITATION PROJECT NO. 2 MICH. R- III  
QUANTITY SHEET

SHEET	13	OF	15	SHEETS
CONTRACT NO.	PW 6584			
ASSIGN. NO.	76-14-12			
DATE	1-17-77			

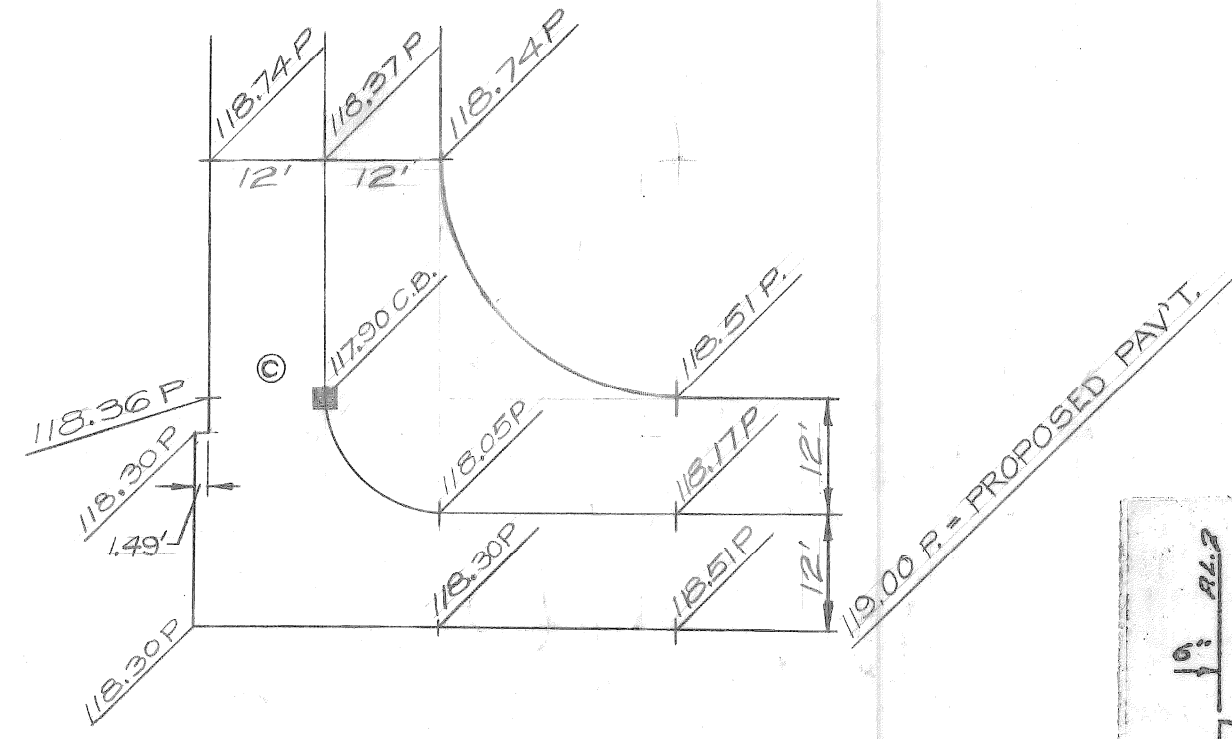
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BOOK	NO. 113A(2) PG. 1-6	DATE 2-14-77
REPORT STARTING CONSTRUCTION	CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.	

**NOTE** - FOR SYMBOLS (A) ETC. SEE STANDARD DETAIL DRAWING NO. C-475

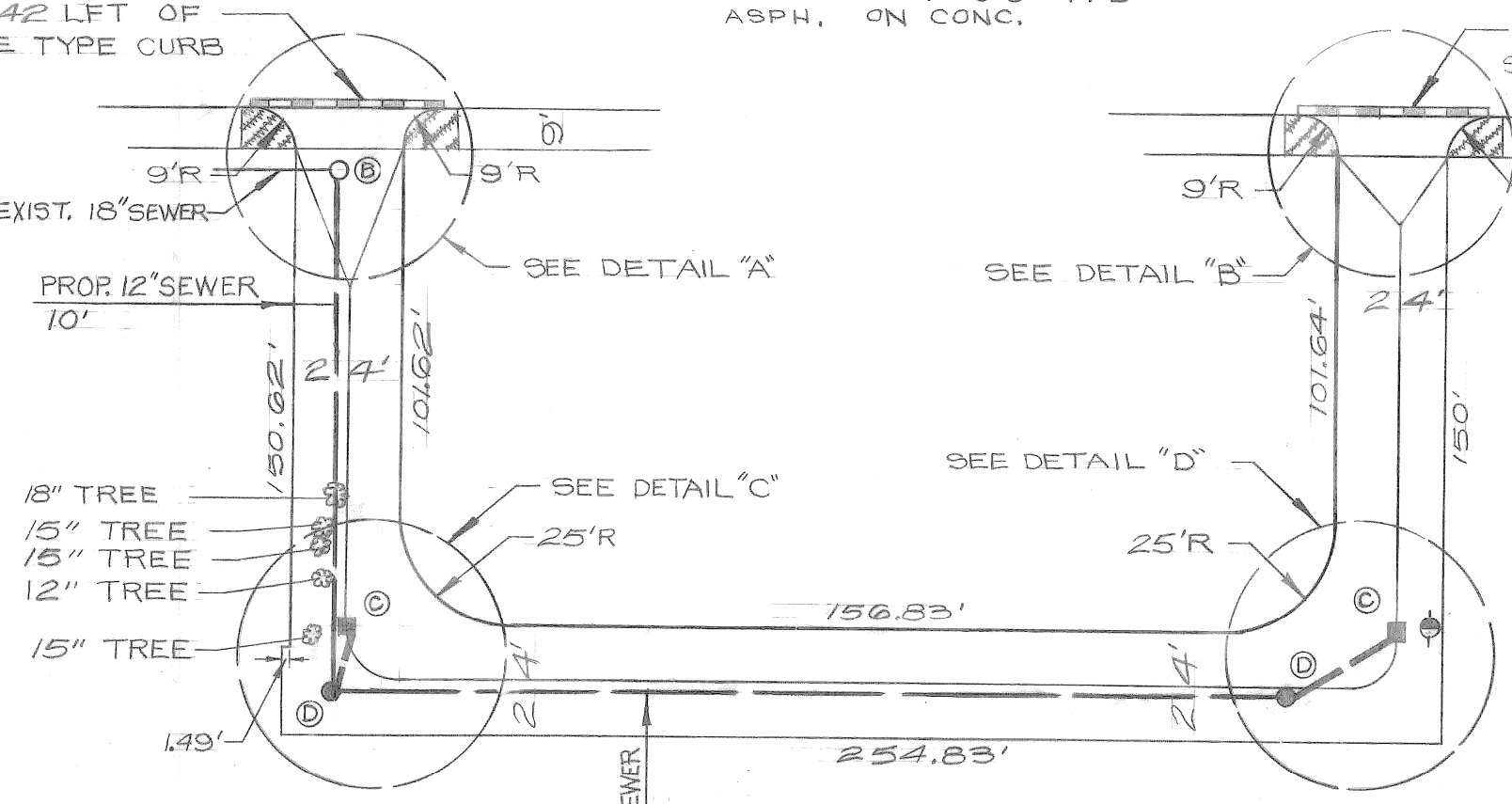
BENCH MARKS	ELEV
C.B.M. 1 HYD. LAFAYETTE STA. 32+1/8 S.SIDE	119.36
C.B.M. R.R. SPK. IN POLE 1/8 ALLEY STA. 1+26	119.66
C.B.M. 1 HYD. 3/8 HOWARD STA. 2+25 OF ALLEY	123.03
C.B.M. R.R. SPK. IN POLE 1/8 ALLEY STA. 3+04	120.61
C.B.M. 1 HYD. 5/8 LAFAYETTE STA. 28+50.5	121.19R



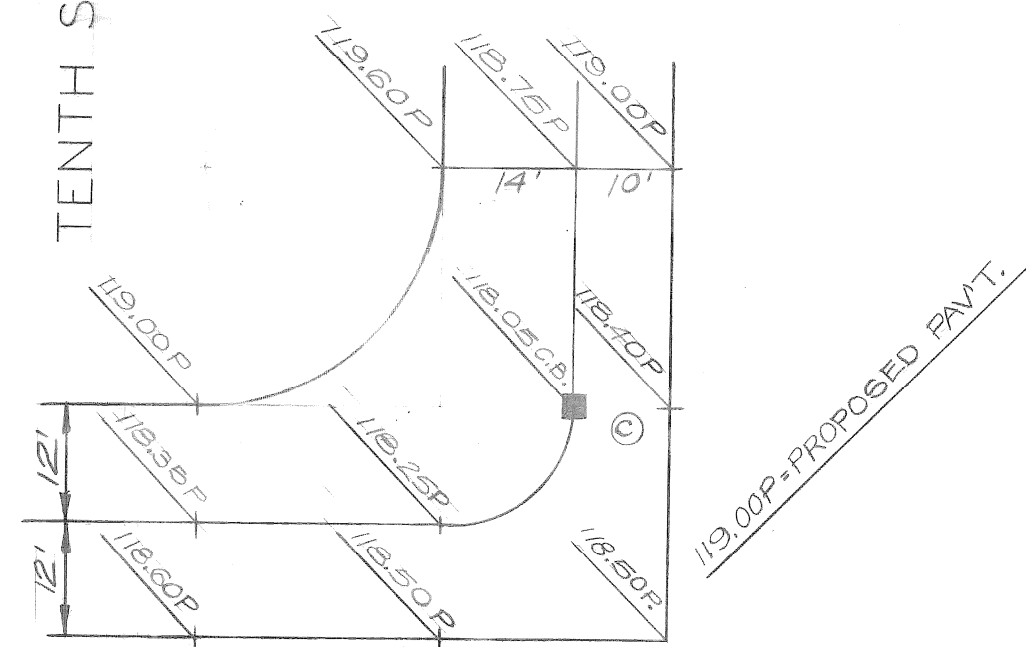
LAFAYETTE REMOVAL PLAN NO SCALE



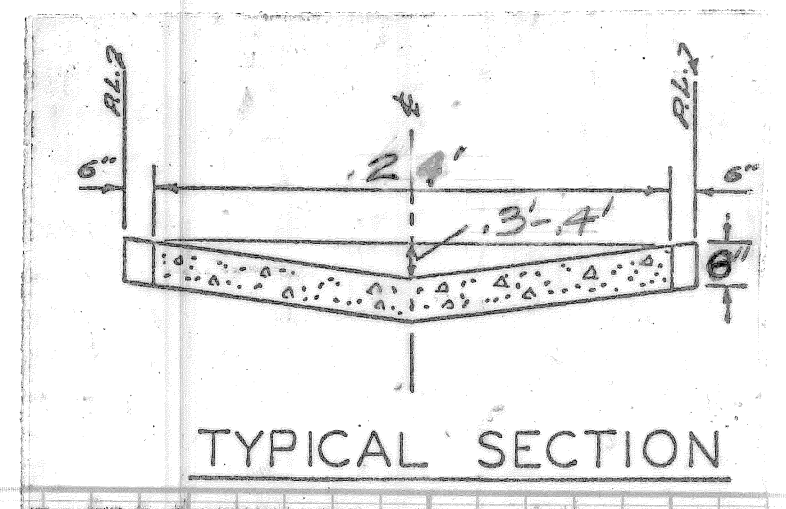
TWELFTH ST. 86' WD.



TENTH ST. 50' WD.



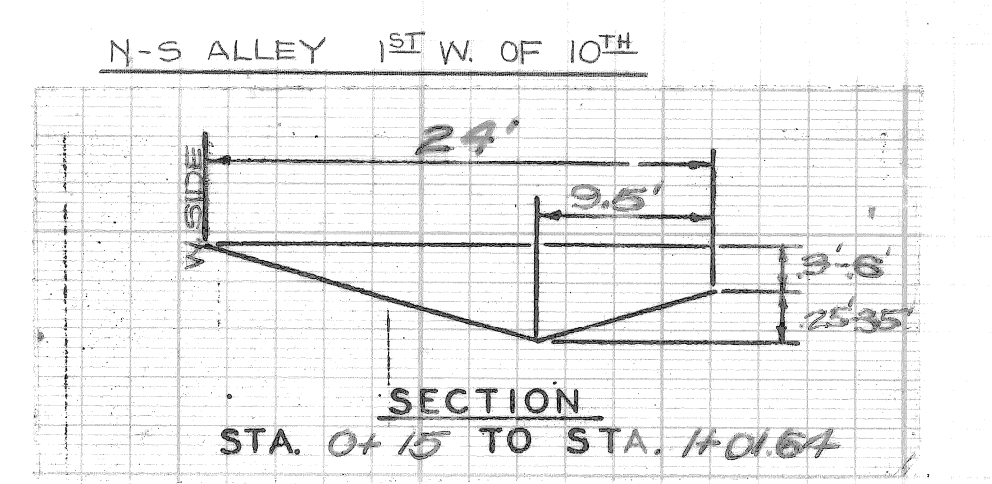
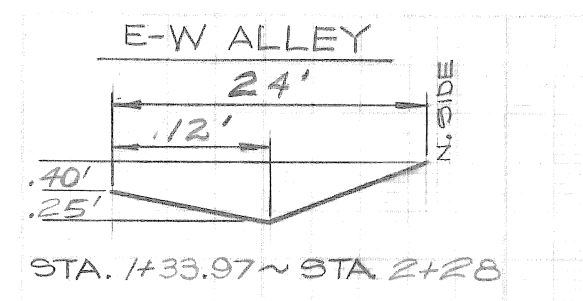
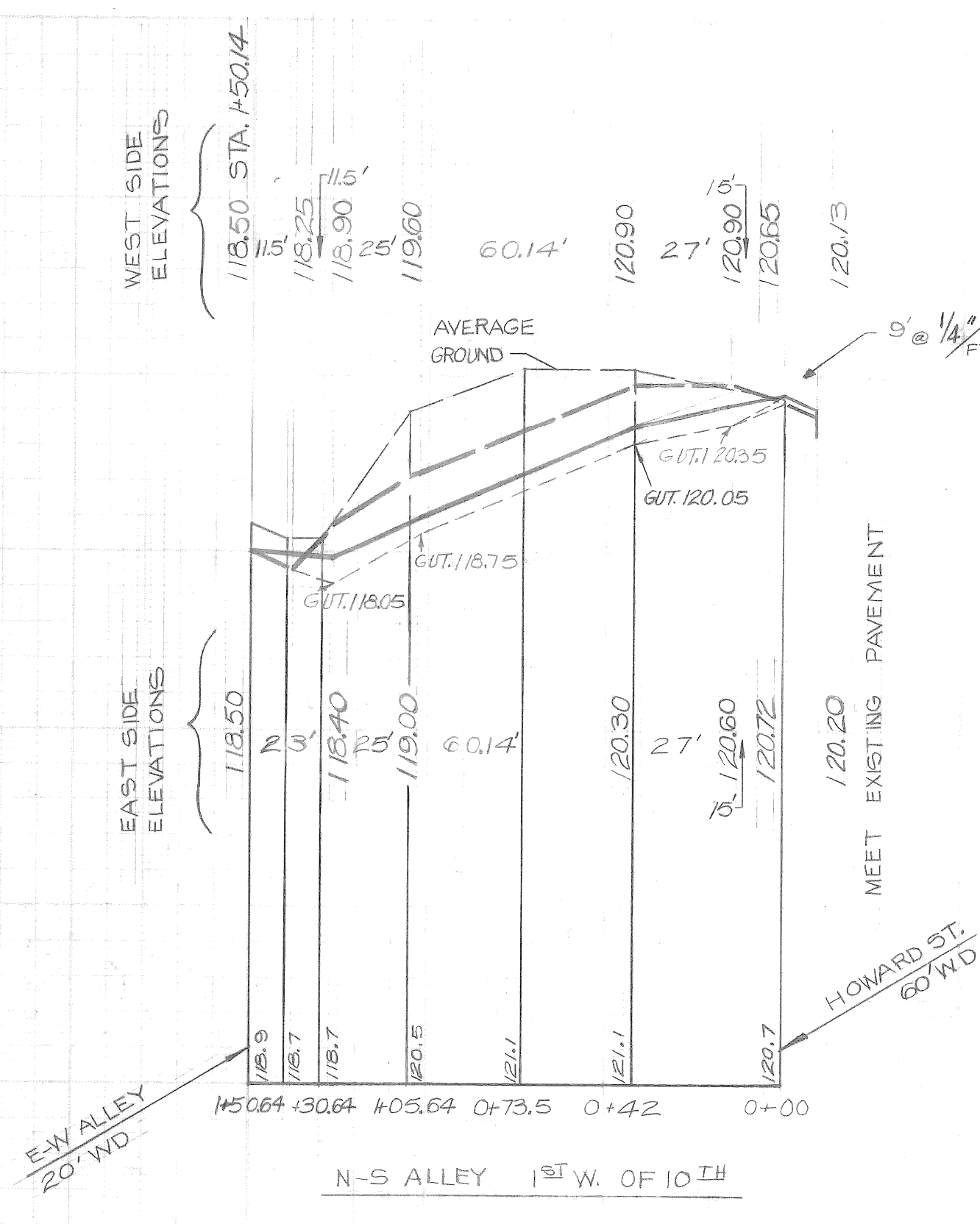
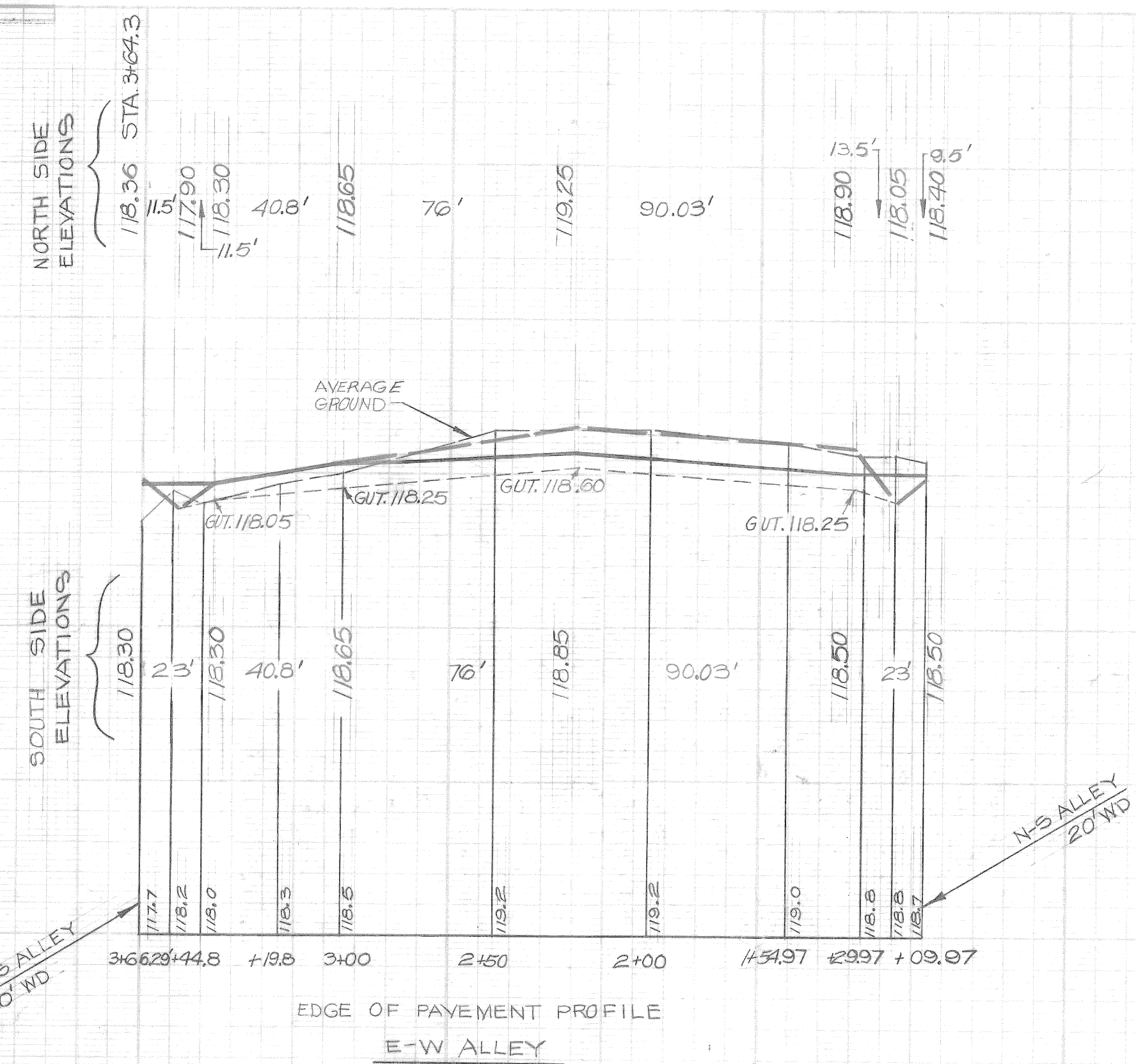
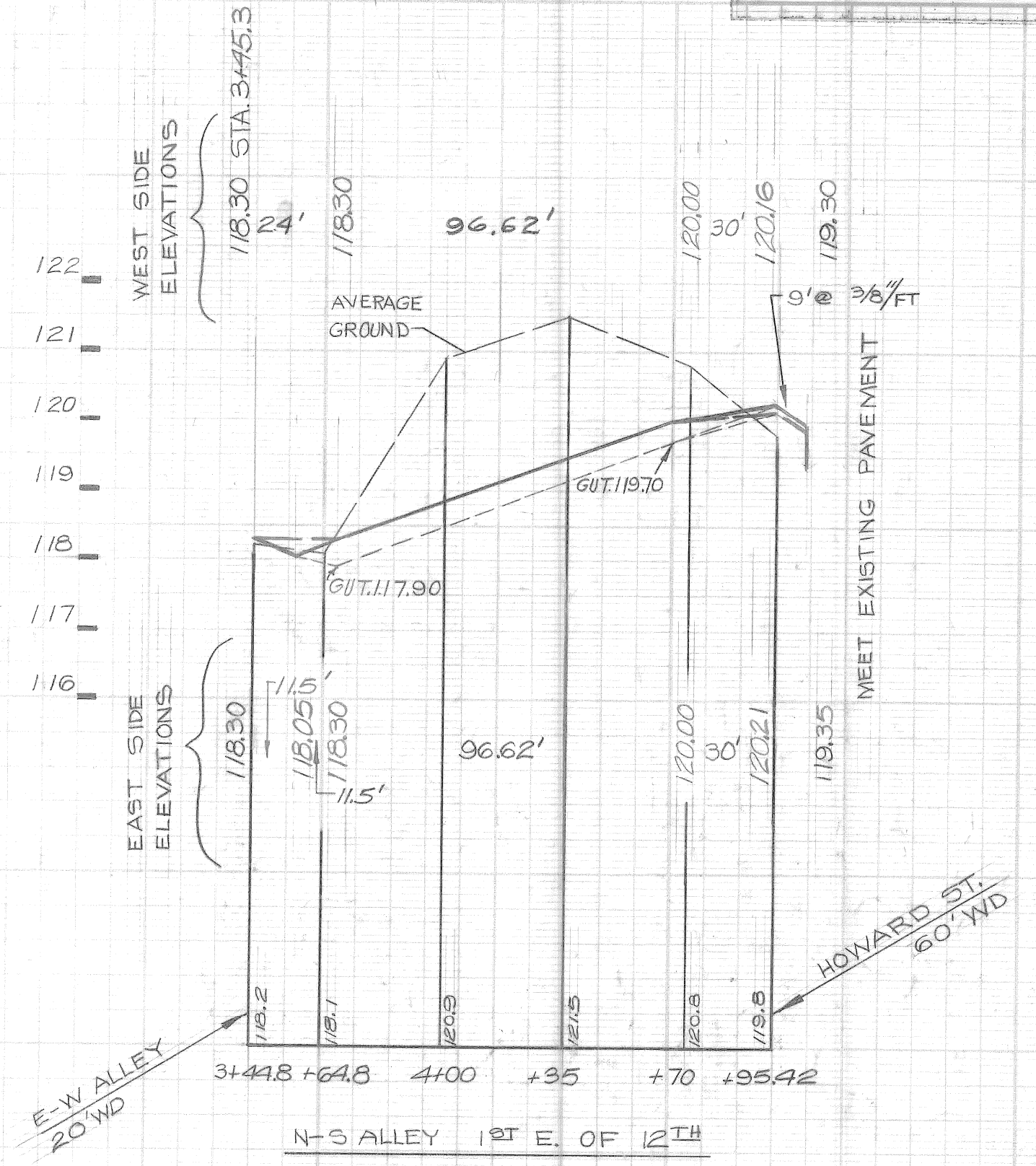
LAFAYETTE BLVD. 80' WD



**TREE REMOVAL SCHEDULE**

NO.	SIZE	STATION	LOCATION
1	15"	3+87	6.7' W. OF E.
1	12"	3+81	3.9' W. OF E.
1	15"	3+88	3.5' W. OF E.
1	15"	3+92	3.0' W. OF E.
1	18"	4+00	2.0' W. OF E.

- LEGEND**
- CONSTRUCT STD. 6" SIDEWALK
  - SEPARATE TYPE CURB REMOVAL
  - CONSTRUCT STD. CATCH BASIN
  - ALLEY PAVEMENT REMOVAL
  - D.E. TRANSFORMER POLE (TO BE REMOVED BY OTHERS)



CHANGED ALLEY RETURN OF N-S ALLEY 1ST W. OF 10TH @ HOWARD	BY	CHECKED BY	APPROVED:
TYPICAL SECTIONS REVISED TO SHOW 24" WIDTH ALLEYS WIDENED TO 24" AND NEW GRADES SET	D.E.U.	TAJLEY	T. J. Sawwas
GRADE REVISED IN THE E-W ALLEY			
FRONT AREA OF E-W ALLEY LENGTHENED 1.43' AT THE WEST END OF ALLEY			
TREE SCHEDULE AND D.E. TRANSFORMER POLE ADDED			
DESCRIPTION	DR	CK	AP-VD
REVISIONS			

**CITY OF DETROIT**  
CITY ENGINEERING DEPARTMENT  
FOR  
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO. 2 MICH. R-III  
ALLEY PAVING PLAN

SUPPLEMENTAL DRAWING

INDEX NO.	42	SHEET 16 of 18 SHEETS
CONTRACT NO.	18	PW 6584
ASSIGNMENT NO.		
DATE		4-3-78

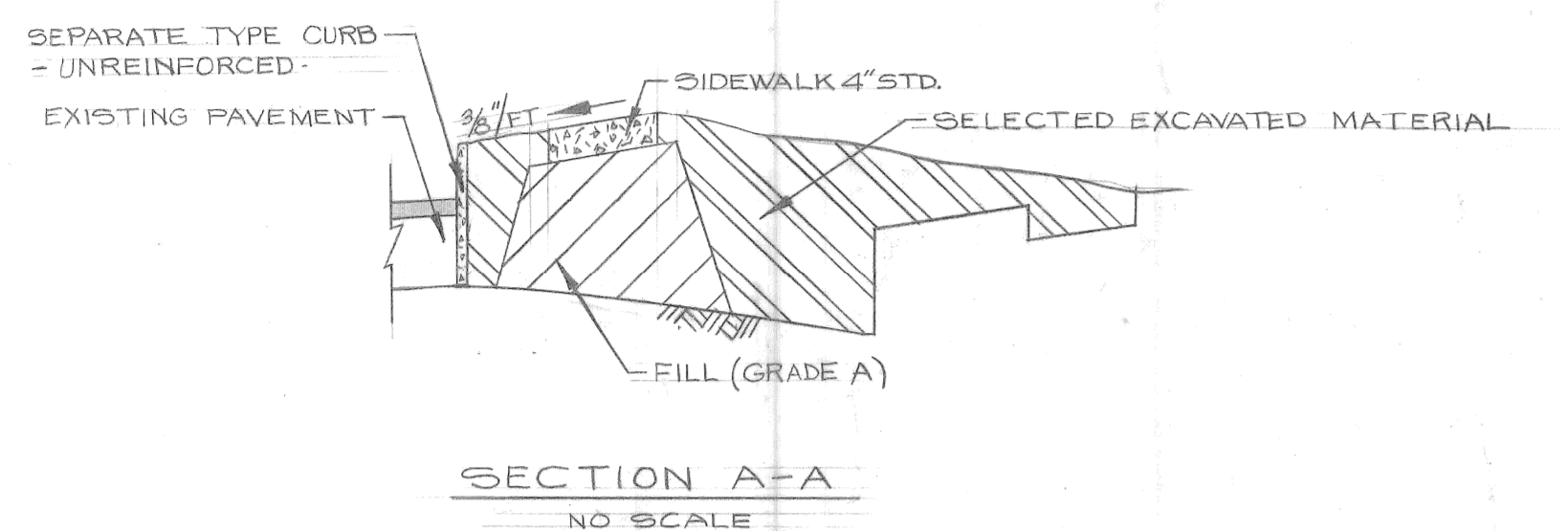
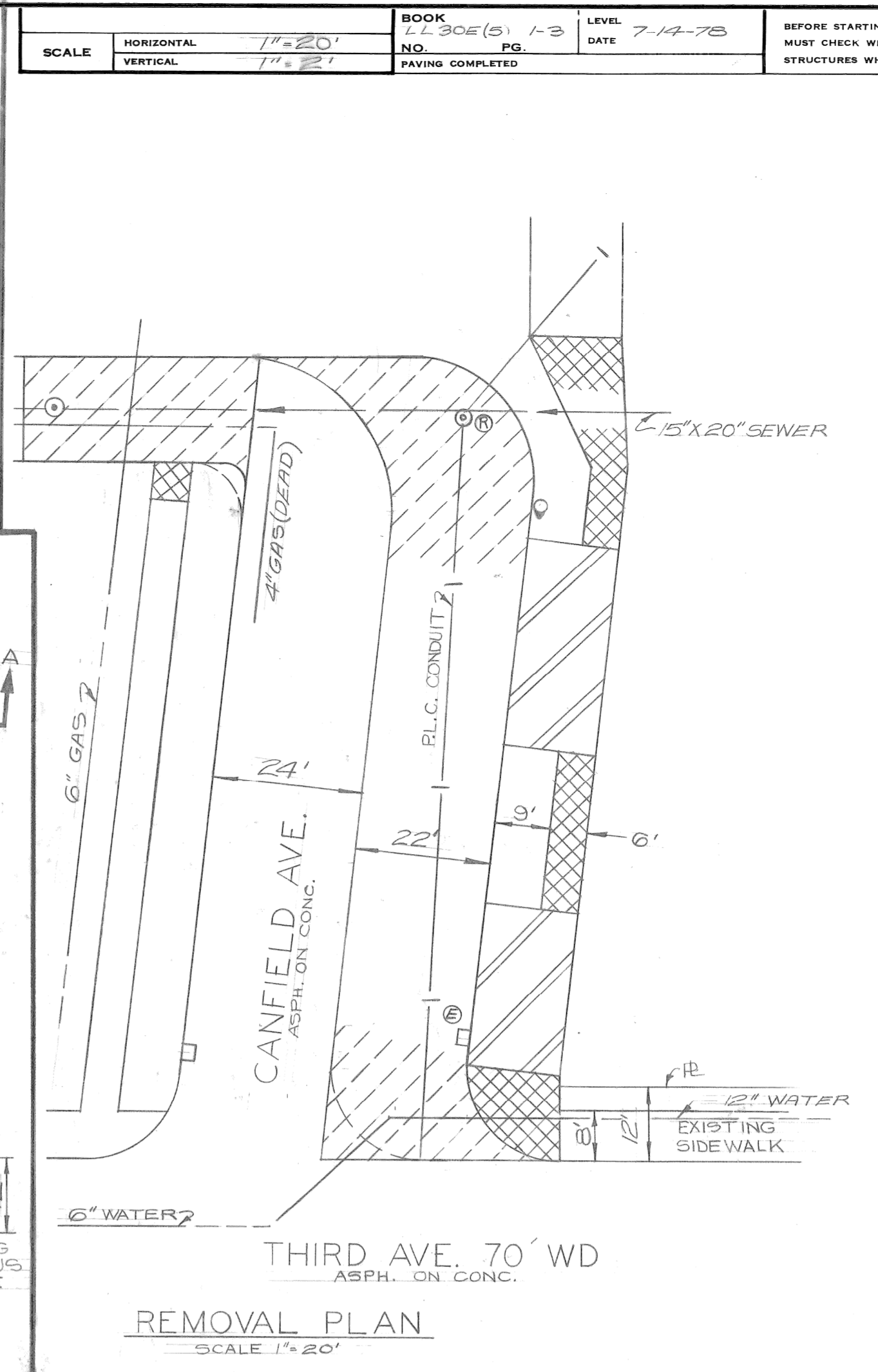
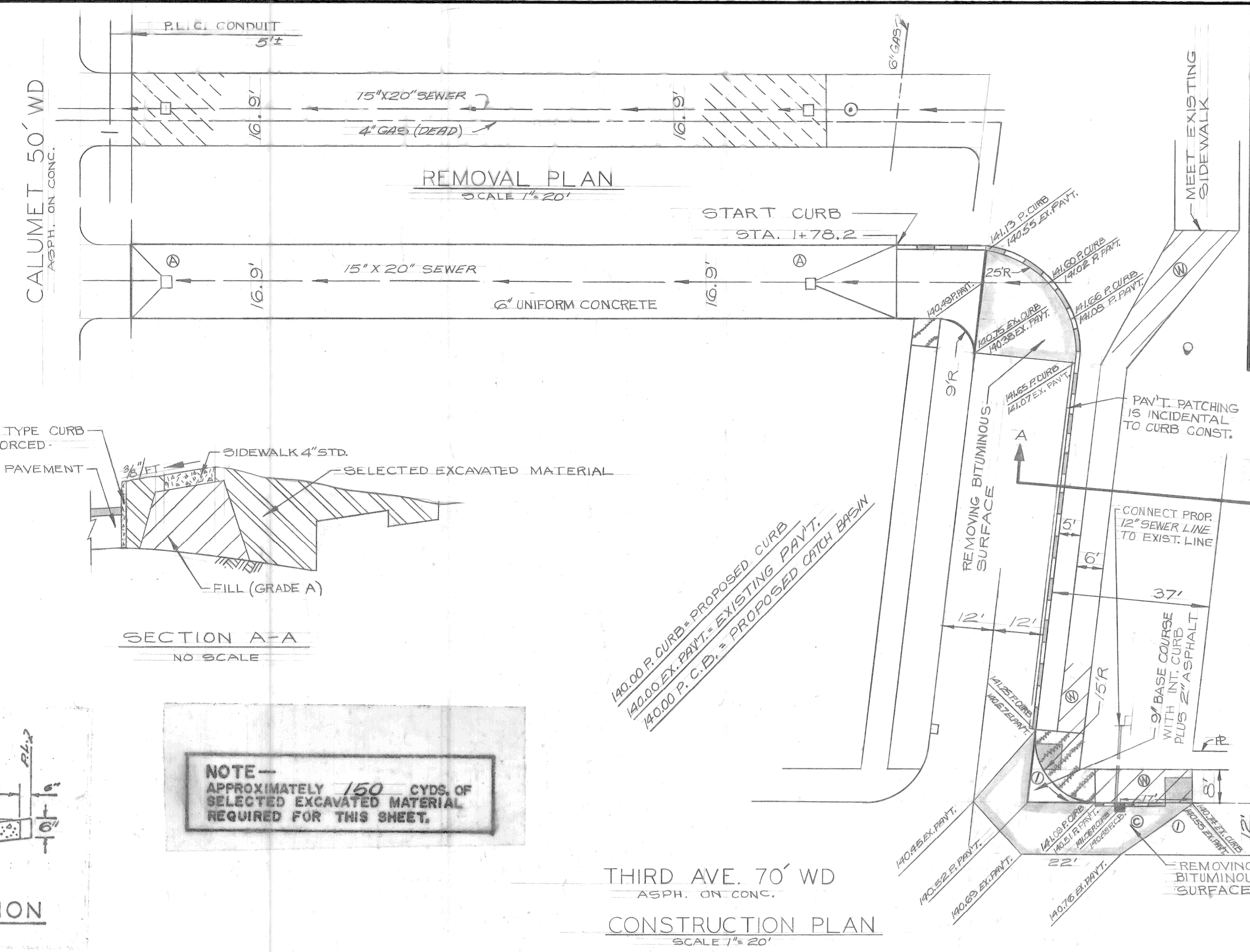
FILE WITH 6565

SCALE	HORIZONTAL: 1"=20'	VERTICAL: 1"=2'
BOOK	1-30E(5) 1-3	LEVEL
NO.	PG	DATE
PAVING COMPLETED		7-14-78

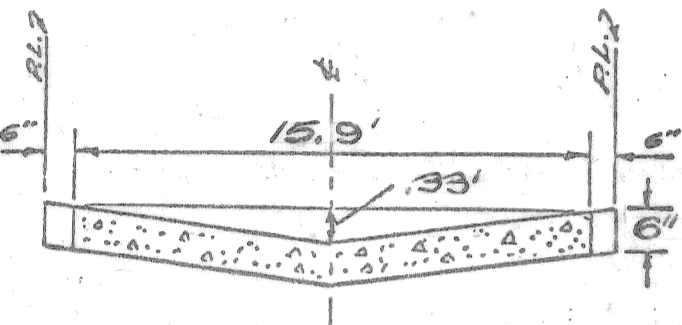
BEFORE STARTING CONSTRUCTION... CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.

NOTE - FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING NO. C-171

BENCH MARKS	ELEV
C.B.M. HYD. N.E. COR. J.C. LODGE FWY & CALUMET	143.58
C.B.M. HYD. S.W. COR. FOURTH & CALUMET	143.72
C.B.M. HYD. S.W. COR. THIRD & CALUMET	143.53
C.B.M. R.R. SPK. IN EDISON POLE STA. 0+02	142.01
C.B.M. R.R. SPK. IN EDISON POLE STA. 1+59	143.13
C.B.M. HYD. S.W. COR. CANFIELD & THIRD	143.63

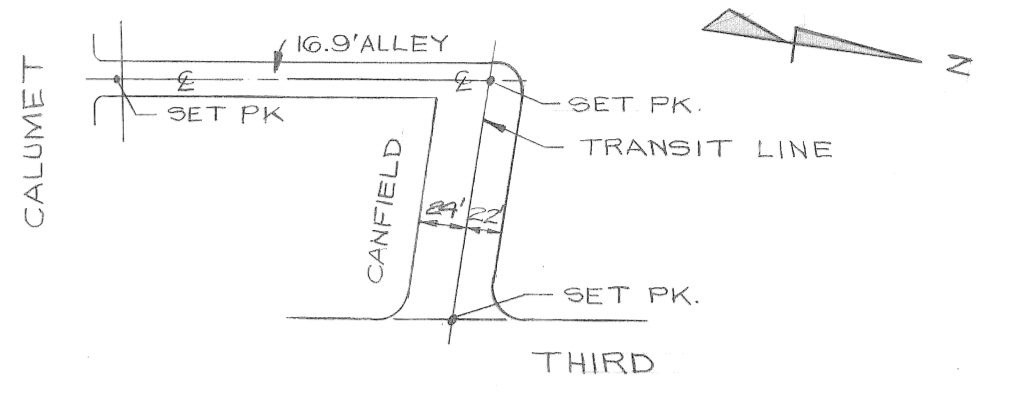


SECTION A-A  
NO SCALE



TYPICAL SECTION

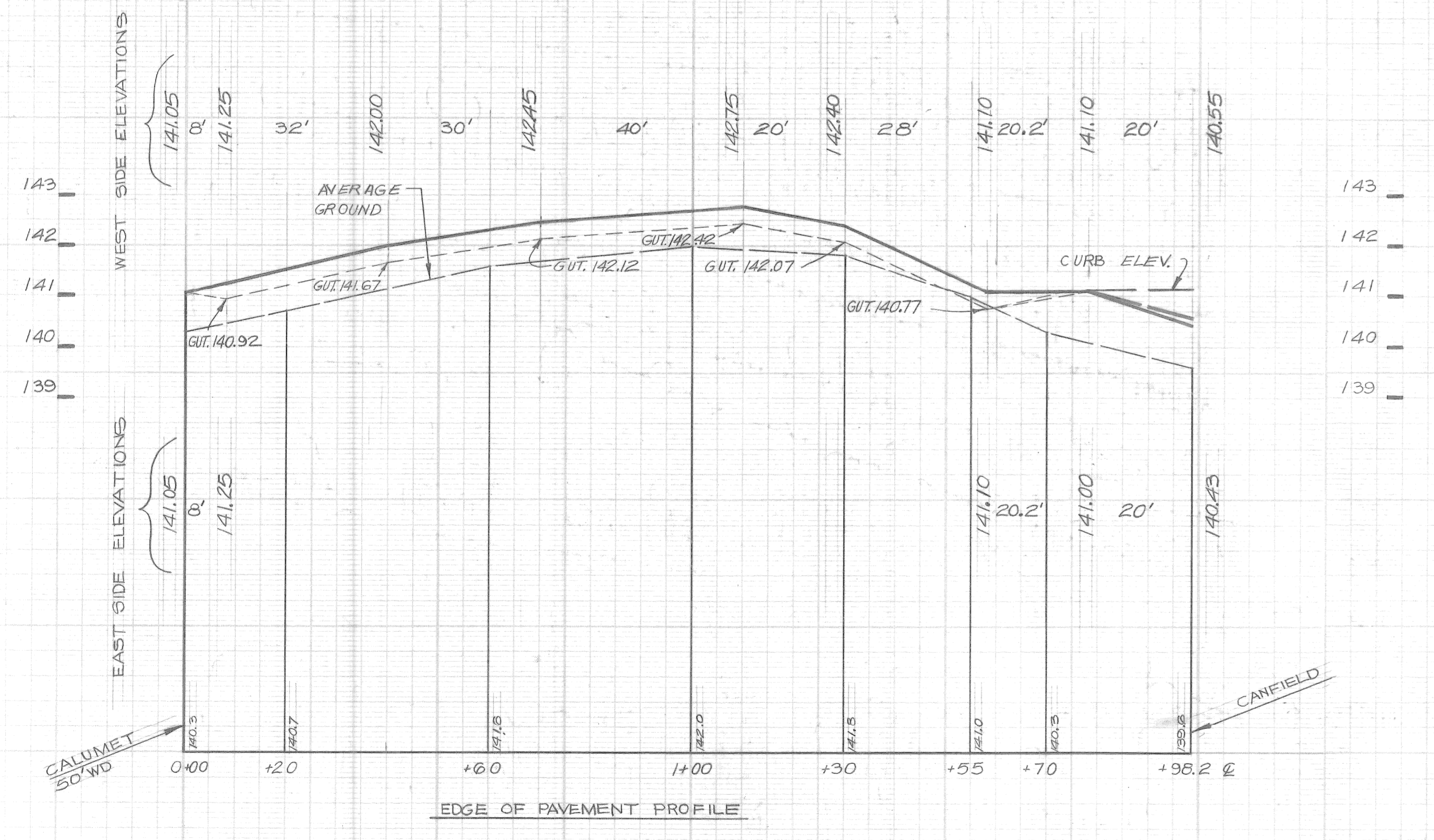
NOTE - APPROXIMATELY 150 CYDS. OF SELECTED EXCAVATED MATERIAL REQUIRED FOR THIS SHEET.



- NOTES:
- ALL CURB HEIGHTS ARE 7" UNLESS NOTED ON THE PLAN
  - UNLESS NOTED ON THE PLAN, THE REMAINING PAVEMENT ON CANFIELD WILL STAY.

LEGEND

[Symbol]	STREET PAVT. REMOVAL - UNREINFORCED
[Symbol]	ALLEY PAVT. REMOVAL
[Symbol]	DRIVEWAY REMOVAL
[Symbol]	SIDEWALK REMOVAL
[Symbol]	CONST. SEPARATE TYPE CURB - NONREINFORCED
[Symbol]	CONST. SIDEWALK 4" STANDARD
[Symbol]	CONST. SIDEWALK 6"
[Symbol]	REMOVING BITUMINOUS SURFACE
[Symbol]	ABANDON EXISTING CATCH BASIN
[Symbol]	CONST. 18" X 12" SPECIAL "Y" CATCH BASIN
[Symbol]	PROPOSED 12" SEWER PIPE
[Symbol]	SIDEWALK RAMP TYPE I
[Symbol]	ADJUST EXISTING MANHOLE



SUPPLEMENTAL DRAWING

NO.	DESCRIPTION	BY	CHECKED BY	DATE
1	REVISIONS			
2	REVISIONS			
3	REVISIONS			
4	REVISIONS			
5	REVISIONS			

APPROVED: *Haimo Lawwas*  
ENGINEER OF STREETS

CITY OF DETROIT  
CITY ENGINEERING DIVISION - E.P.M.D.  
BUREAUS OF STREETS AND HIGHWAYS

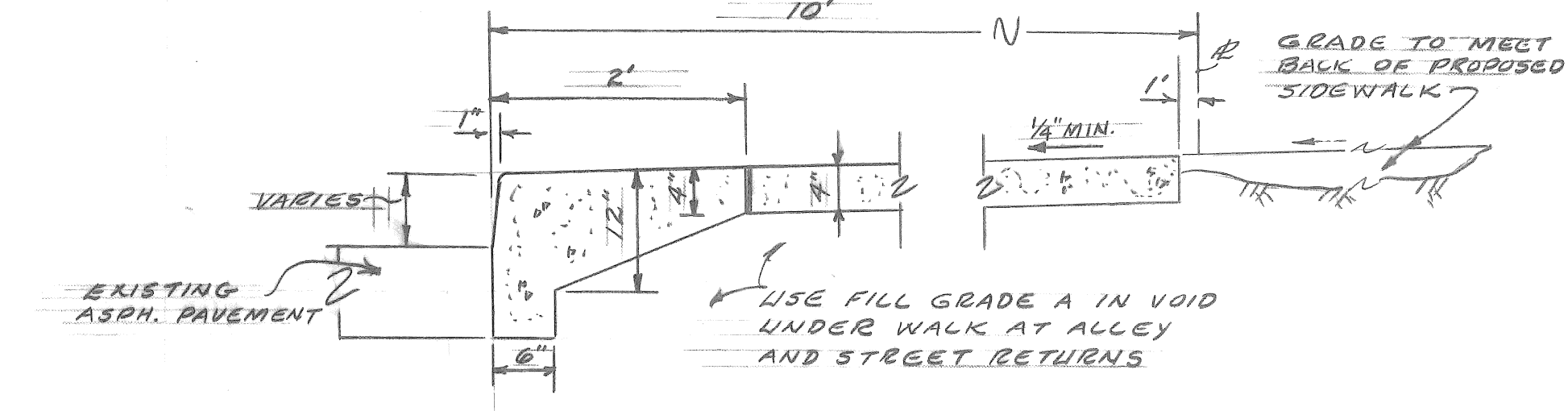
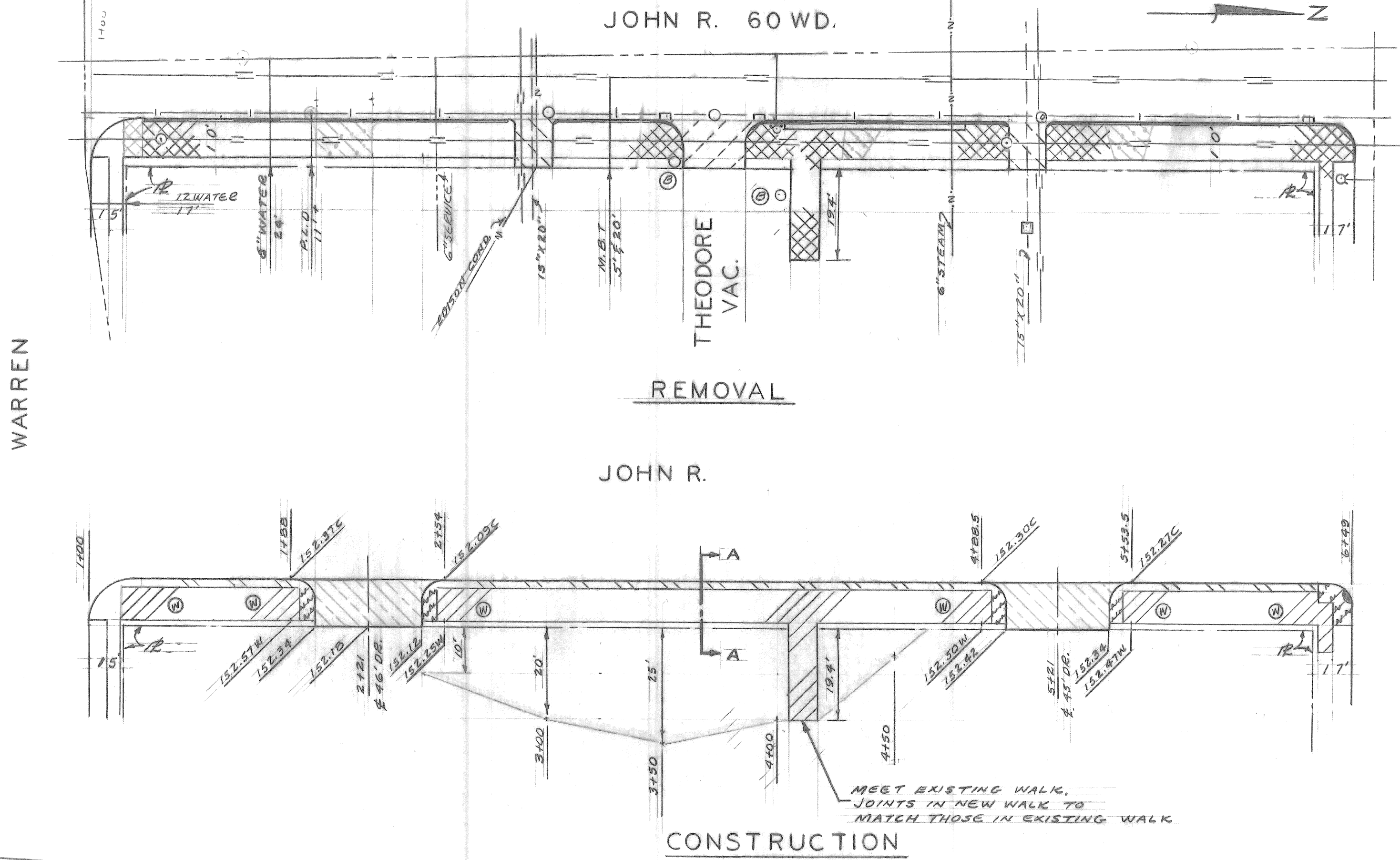
FOR  
COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT

ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO. 2 MICH. R- III

REMOVAL AND PAVING PLAN

INDEX NO.	5	SHEET 175 OF 17 SHEETS
CONTRACT NO.	PW 6584	
ASSIGNMENT NO.		
DATE	8-3-78	

Sewers Approved: P. Kaban 8-1-78



BENCH MARKS

MARKS	ELEV
P.B.M 30-255 WOODWARD-WARREN N.E. COR.	148.916
P.B.M 30-255A JOHN R.-WARREN N.E. COR.	152.41
C.B.M # HVD. S.E. COR. FARNSWORTH-JOHN R	155.08
C.B.M # HVD. N.E. COR. THEODORE-JOHN R	154.87

- NOTES
1. STRIP EXISTING SOD AND SAVE FOR USE IN AREA AFTER GRADING TO MEET BACK OF PROPOSED WALK.
  2. FOR UTILITY LEGEND SEE STD. DETAIL DWG NO. C-902A
  3. ALL DRIVEWAY RADDII ARE 10'
  4. CONSTRUCT A 3'X3' KNOCK-OUT AROUND EXISTING FIRE HYDRANTS - USE 1/4" EXPANSION PAPER.

QUANTITIES

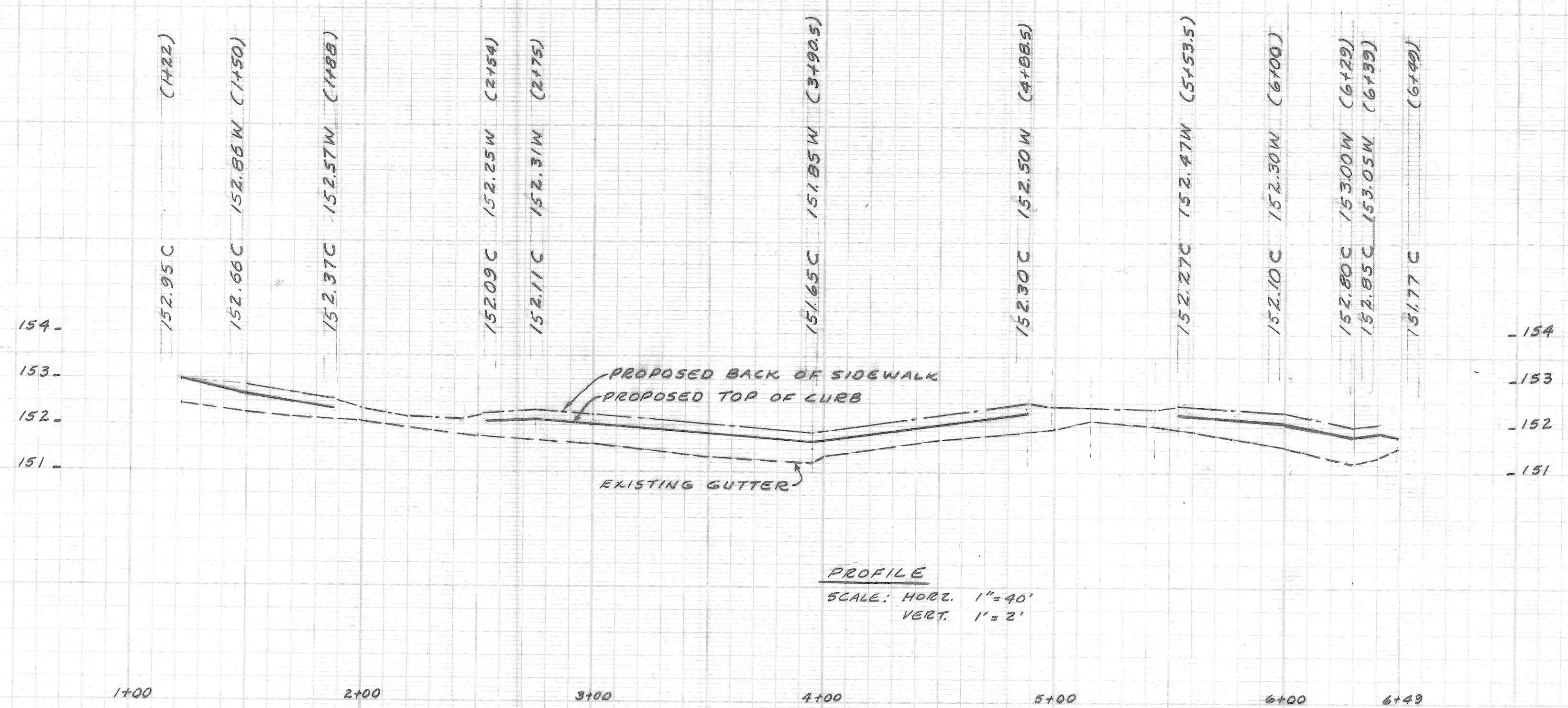
DESCRIPTION OF ITEM	UNITS	TOTALS
STREET PAVEMENT REMOVAL-UNREINF	SVDS	34
ALLEY PAVEMENT REMOVAL	SVDS	37
SIDEWALK REMOVAL	SFT	2744
INTEGRAL CURB & WALK REMOVAL-UNREINF.	LFT	534
SIDEWALK-4" STANDARD	SFT	3377
SIDEWALK-6" STANDARD	SFT	213
DRIVEWAY 8"	SFT	396
INTEGRAL CURB & SIDEWALK-2' WIDE	LFT	453
MANHOLE ADJUSTMENT	EACH	2
SODDING-STEPPING & RELAYING*	SVDS	406
EXCAVATION	CVDS	20
FILL-GRADE A	CVDS	50
DRIVEWAY REMOVAL	SFT	425

- LEGEND
- SIDEWALK REMOVAL
  - ALLEY PAVEMENT REMOVAL
  - STREET PAVEMENT REMOVAL-UNREINFORCED
  - CONSTRUCT 4" SIDEWALK
  - CONSTRUCT 6" SIDEWALK
  - INTEGRAL CURB & WALK REMOVAL-UNREINFORCED
  - CONSTRUCT INTEGRAL CURB & WALK-2' WIDE
  - CONSTRUCT SIDEWALK RAMP TYPE 1
  - PROPOSED TOP OF CURB ELEVATION
  - PROPOSED BACK OF WALK ELEVATION
  - AREA TO BE GRADED SEE NOTE #1
  - CONSTRUCT 8" DRIVEWAY
  - DRIVEWAY REMOVAL

\* INCLUDES STEPPING OF EXISTING SOD, GRADING WITH APPROXIMATELY 2 1/2" OF TOP SOIL AND RELAYING SOD.

CALL MISS DIG  
 48 HOURS PRIOR TO  
 CONSTRUCTION 647-7344

SCALE:  
 HORIZONTAL 1"=40'  
 VERTICAL 1"=20'



PROFILE  
 SCALE: HORIZ. 1"=40'  
 VERT. 1"=2'

SUPPLEMENTAL DRAWING

ELEVATIONS CORRECTED DRIVEWAY R.M.L. ADDED & QUANTITIES REVISED DESCRIPTION REVISIONS	BY: Talley GRADE: Talley ESTIMATE: Talley FINAL: Talley	CHECKED BY: Talley APPROVED: <i>Norm O. Saw Was</i> ENGINEER OF STREETS REVIEW: D.E.U.	CITY OF DETROIT CITY ENGINEERING DEPARTMENT BUREAUS OF STREETS AND HIGHWAYS FOR COMMUNITY AND ECONOMIC DEVELOPMENT DEPARTMENT	CURB AND SIDEWALK REPLACEMENT EAST SIDE OF JOHN R FROM WARREN TO FARNSWORTH ALLEY PAVEMENT, PAVEMENT REMOVAL AND MISCELLANEOUS CONSTRUCTION UNIVERSITY CITY REHABILITATION PROJECT NO.2 MICH. R-III	INDEX NO. SHEET 185 OF 18 SHEETS CONTRACT NO. PW 6584 ASSIGNMENT NO. DATE 3-20-79
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