

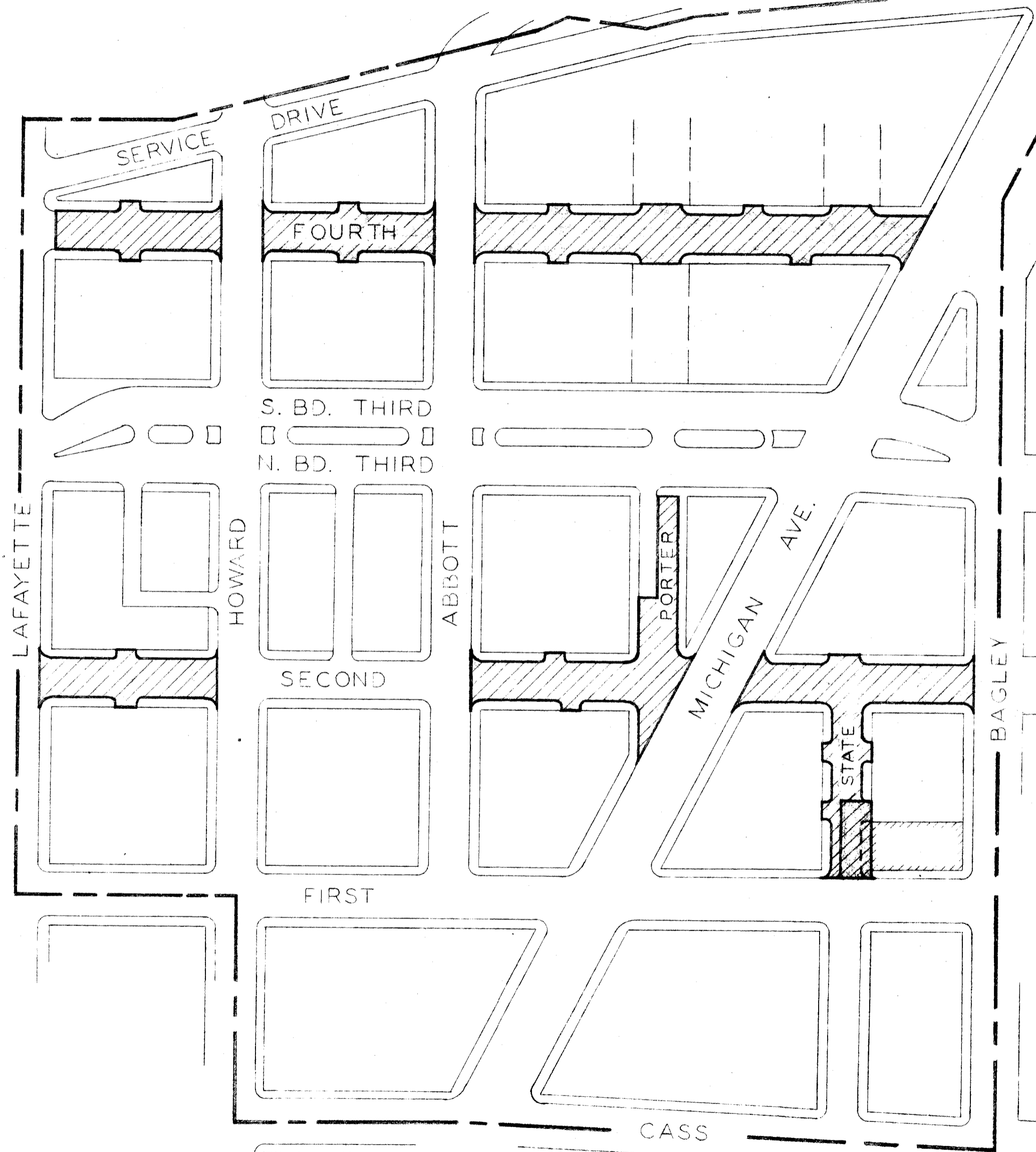
A.O. 1717
 FILE NO.
 DATE
 DRAWN BY *Wagner*
 CHECKED BY *W. OWENS/NK.*
 APPROVED
John Erickson
 ENGINEER OF STREETS
W. Stepeck
 ASST. CITY ENGINEER
Carole K. Palmer
 CITY ENGINEER

CONTRACT NO. PW. 5739
 REMOVAL & CONSTRUCTION PLAN
 CITY OF DETROIT
 PAVEMENT REMOVAL & CONSTRUCTION
 AND SEWER RELOCATION
 CENTRAL BUSINESS DISTRICT
 PROJECT NO. 1 MICH. R-3

SHEET
 1 OF 10
 SHEETS

Accepted C.C. 11-21-67

TITLE SHEET



PLAN INDEX

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
1	TITLE SHEET
2	QUANTITY SHEET
3-4	DETAIL SHEET
5	FOURTH REMOVAL
6	SECOND REMOVAL
7	STATE & PORTER REMOVAL
8	ALLEY PAVING
9-10	SEWERS

----- PROJECT BOUNDARY

PLAN	MADE BY	CHECKED BY
PROFILE	Wagner	W. OWENS
GRADE		
SEWER APPROVED		
ESTIMATE		
DATE -		
APPROVED	<i>John Peterson</i>	
ENGINEER OF STREETS	<i>M. Stepeen</i>	
ASSISTANT CITY ENGINEER	<i>Charles R. Palmer</i>	
	CITY ENGINEER	

REMOVAL & CONSTRUCTION
 CITY OF DETROIT
 CENTRAL BUSINESS DISTRICT PROJECT NO. 1
 DEPARTMENT OF PUBLIC WORKS-CITY ENGINEERS OFFICE

NAME OF STREET

QUANTITY SHEET

SHEET 2 OF 10 SHEETS

Item No.	DESCRIPTION OF ITEM	PAY UNIT	QUANTITIES								TOTAL
			SHEET 3	SHEET 4	SHEET 5	SHEET 6	SHEET 7	SHEET 8	SHEET 9		
	Excavation	Cyds.									8
	Berm Grading	Syds.									12,672
	Street Pavement Removal	Syds.	6,243	4,404	2,025						828
	Alley Pavement Removal	Syds.	136	692							306
	Street Car Rail Removal	Lft.	50	256							17,086
	Street Car Track Base Removal	Syds.									369
	Foundation Removal	Cyds.									37,630
	Reinforced Concrete Removal	Cyds.									772
	Street Grading	Syds.	5,861	8,551	144						
	Driveway Removal	Sft.	225								
	Sidewalk Removal	Sft.	16,143	13,095	8,392						
	Fill - (Grade A)	Cyds.									70
	Fill - (22A) or 22A Mod.	Cyds.									
	Tree and Stump Removal 4" - 12" Dia.	Each									
	" " " 13" - 18" Dia.	Each									
	" " " 20" Dia.	Each									
	" " " 24" Dia.	Each									
	" " " Dia.	Each									
	" " " " Removal	Each	6								6
	" " " " Removal (20' Length)	Each	2								2
	" " " " Removal (32' Length)	Each									1
	Curb Removal	Lft.									8
	Manhole (Sewer), Adjustment	Each									8
	Manhole (Water), Adjustment	Each									15
	Manhole - Resetting	Each									1
	Manhole - Reconstruct Cone	Each									6
	Manhole - Standard, New	Each									
	Manhole - Drop, New	Each									
	Manhole - (Sewer), Abandonment	Each	5								5
	Catch Basin - Adjustment	Each									
	Catch Basin - Resetting	Each	2								3
	Catch Basin - New	Each	2								10
	Catch Basin - Abandonment	Each									16
	Sewer - 12" Pipe	Lft.	46								314
	Sewers Under Pavement - 12" Pipe	Lft.									
	Sewers - 15" Pipe	Lft.									
	Sewers Under Pavement - 15" Pipe	Lft.									
	Sewer - 18" Pipe	Lft.									
	Sewer -	Lft.									
	Paving - 6" Uniform No Curb - H.E.S.C.	Syds.									336
	Paving - 8:6:8*	Syds.									
	Paving - 8" Uniform*	Syds.									
	Paving - 10:8:10 Modified*	Syds.									
	Paving - 10" Uniform*	Syds.									
	Paving -	Syds.									
	Strip and Adjust Asphalt Surface	Syds.	248								544
	Separate Curb - Type II	Lft.	305								239
	Test Cores	Each									1
	Sidewalks - 4" Standard**	Sft.	3,551								8,475
	Intersections & Grading	Lft.									115
	Steel Beam Guard Rail	Lft.									25
	Steel Beam Barricade	Lft.									
	Special Wood Barricade	Each									
	Temporary Street Barricades - Length	Each									
	Driveways - 6" Standard	Sft.									
	Driveways - 8" Standard	Sft.									
	Lawn Watering System	Lump Sum									22
	Maintain Traffic	Lump Sum									60
	27" Dia. Sewer and related work as shown on DRAWING SHEET NO. 9 of 10 and 10 of 10.	Lump Sum									30
	Bond Coat In Place	Gals.									
	Reinforcing Mixture In Place (All Natural Agg.)	Tons									
	a. Fine Binder Course Mixture	Tons									
	b. Wearing Surface Mixture 2.5 A	Tons									
	Reinforcing Mixture In Place (All Slag Agg.)	Tons									
	a. Fine Binder Course Mixture	Tons									
	b. Wearing Surface Mixture 2.5 F (Mod)	Tons									

* Construction Only
 NOTE - Numbered Items Only are Part of This Contract.
 NOTE - Levels will be retaken and quantities recomputed after buildings have been removed and before construction begins.

13-B MTD CODE

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

SCALE	
LOTS & ALLEYS	
STREET WIDTH	
VERTICAL	
SUPPLEMENTARY DETAILS	
C-4378 THROUGH C-4395	
DATE	REVISIONS

QUANTITIES		ESTIMATED	
		LOTS	CITY
EXCAVATION	CU. YDS.		
PAVEMENT REMOVAL	SQ. YDS.		
CURB REMOVAL	LF.		
FILL			
ADJUST MANHOLES			
MANHOLES	NE-CONSTRUCT CONC. NEW		
CATCH BASIN ADJUST			
CATCH BASIN STANDARD NEW			
12" SEWER PIPE	LF.		
PAVING	SQ. YDS.		

QUANTITIES		ESTIMATED	
		LOTS	CITY
PAVING	SQ. YDS.		
PAVING UNIP.	SQ. YDS.		
CURB TYPE II	LF.		
TEST CORES	EACH		
SIDEWALK 1" STANDARD	SQ. FT.		
CONCRETE DRIVE	1" STD. SQ. FT. 6" STD. SQ. FT.		
TREE REMOVAL	4"-12" DIA.		
TREE REMOVAL	13"-18" DIA.		

ASSIGNMENT NO. **AO-1717**

BOOK NO. _____ LEVEL _____ DATE _____

NO. _____ PAGE _____

LOTS 2L _____ LENGTH _____

CITY 2L _____ LENGTH _____

TOTAL _____ LENGTH _____

DATE OF DRAW'G. _____

DRAINAGE COMPLETED _____

PAVING COMPLETED Accepted C.C. 11-21-07

GROUP NO. _____

MADE BY	W. OWENS
CHECKED BY	W. OWENS
PLAN	L.P. KING, W. OWENS
PROFILE	
GRADE	W. OWENS
SEWER APPROVED	John Erickson
ESTIMATE	18.0
FINAL CHECK	18.0
APPROVED	John Erickson
ENGINEER OF STREETS	
ASSISTANT ENGINEER	Walter Palmer
CITY ENGINEER	

INDEX NO. _____

TOPO NO. _____

INDEXED _____

CONTRACT NO. P.W. **5739**

REMOVAL & CONSTRUCTION

CITY OF DETROIT

CENTRAL BUSINESS DISTRICT PROJECT NO. 1

DEPARTMENT OF PUBLIC WORKS-CITY ENGINEERS OFFICE

DETAIL SHEET

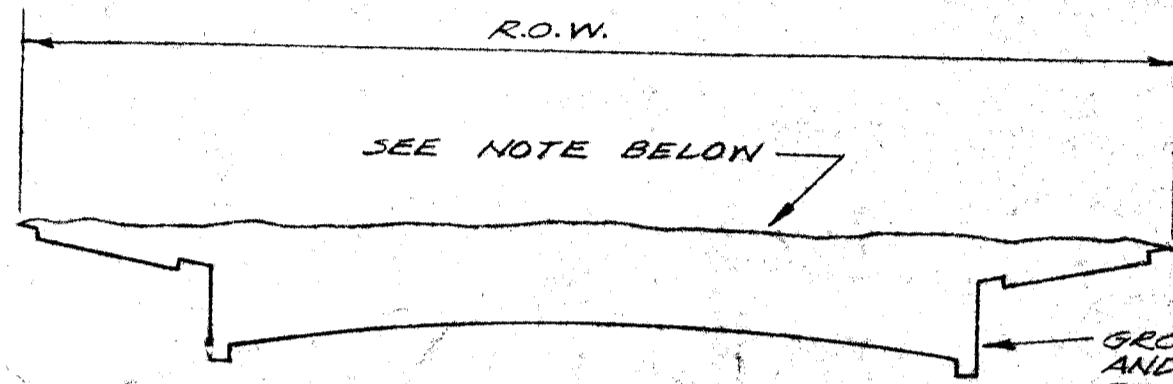
FROM _____ TO _____

PET. NO. _____ BY _____ DATE _____

NOTE - FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING C-4378

BENCH MARKS

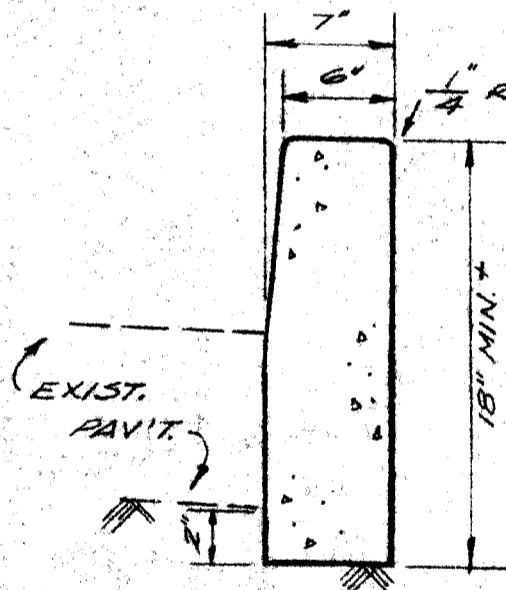
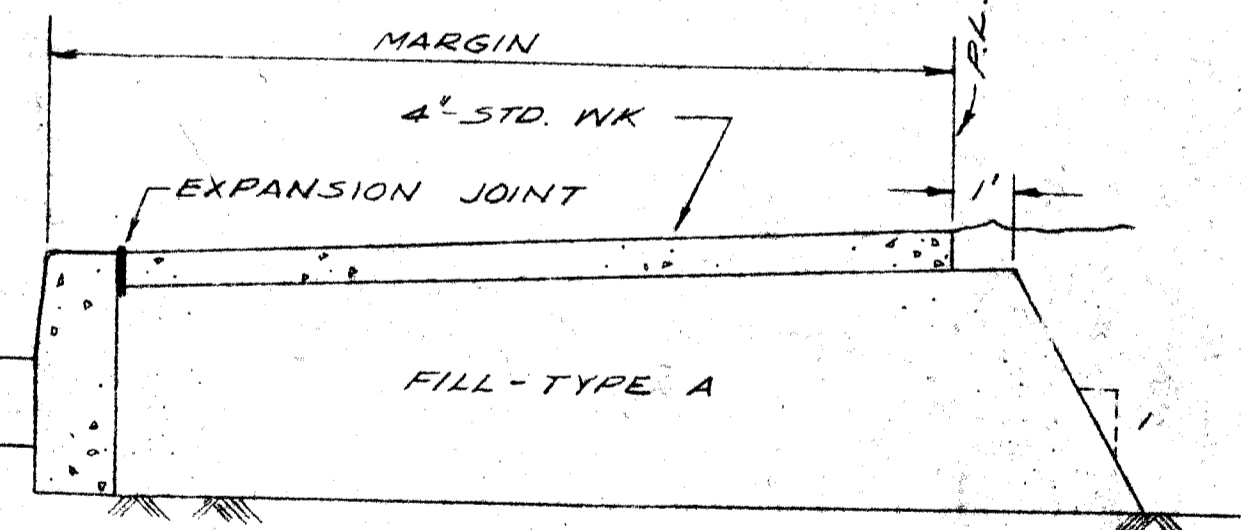
MARKS	ELEV.
PBM 28-352 SW. COR. WASHINGTON & MICH.	118.981
CBM 1 HYD. SE. COR. LAFAYETTE & 2ND	127.97
CBM 1 HYD. SE. COR. HOWARD & 2ND	124.50
CBM 1 HYD. NW. COR. ABBOTT & 2ND	123.96
CBM 1 HYD. NW. COR. MICHIGAN & 2ND	119.24
PBM 28-353 NW. COR. FORT & 2ND	124.785



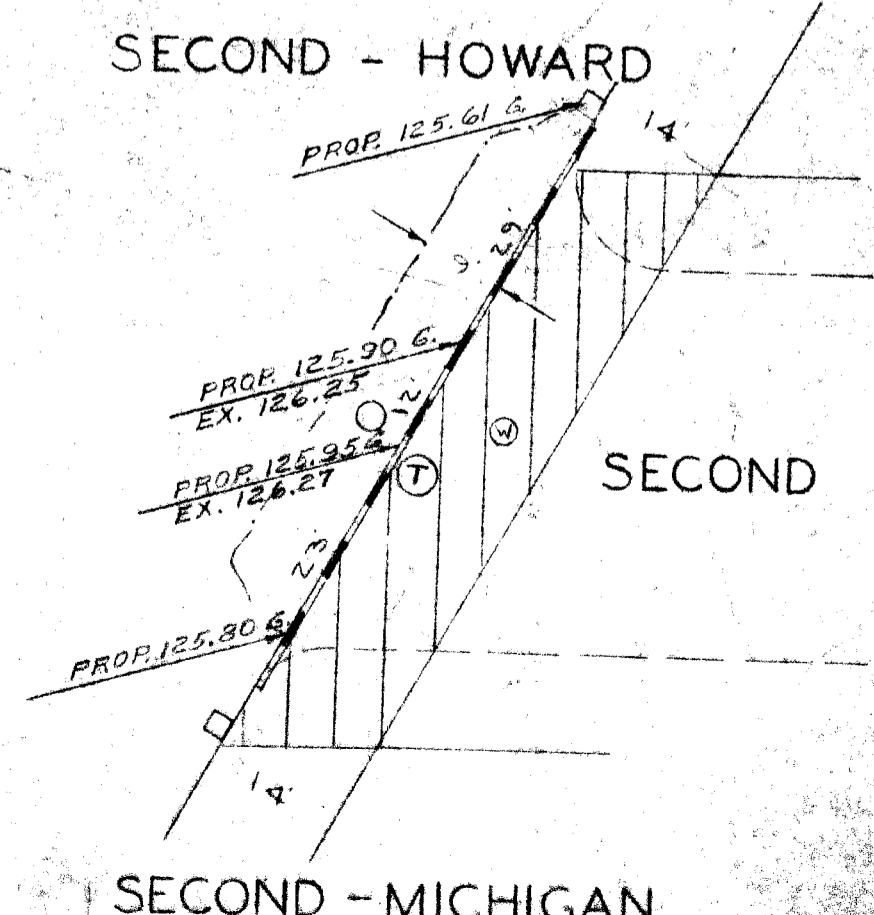
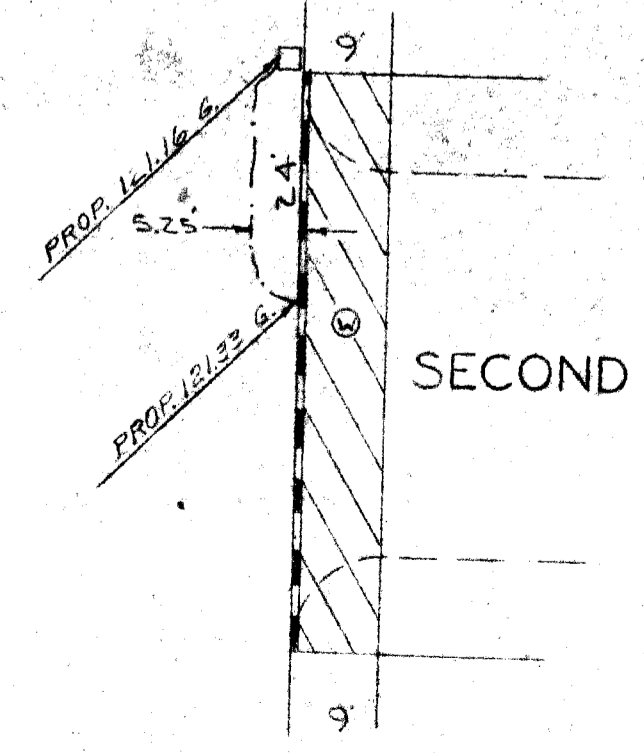
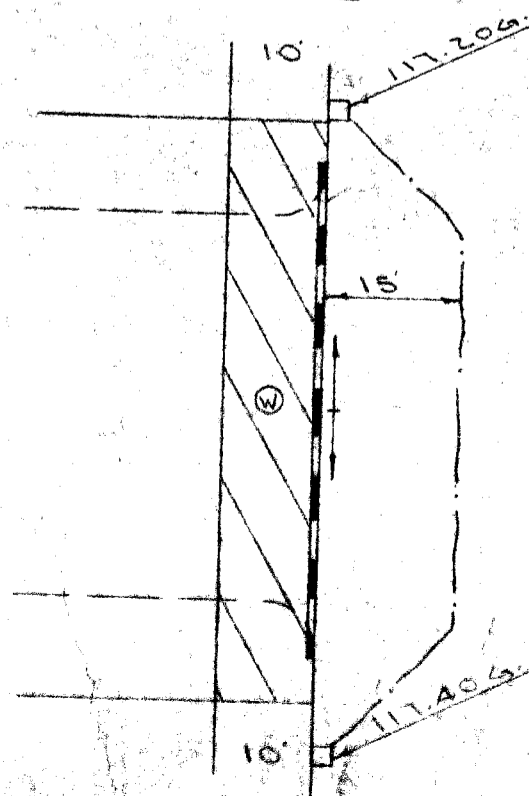
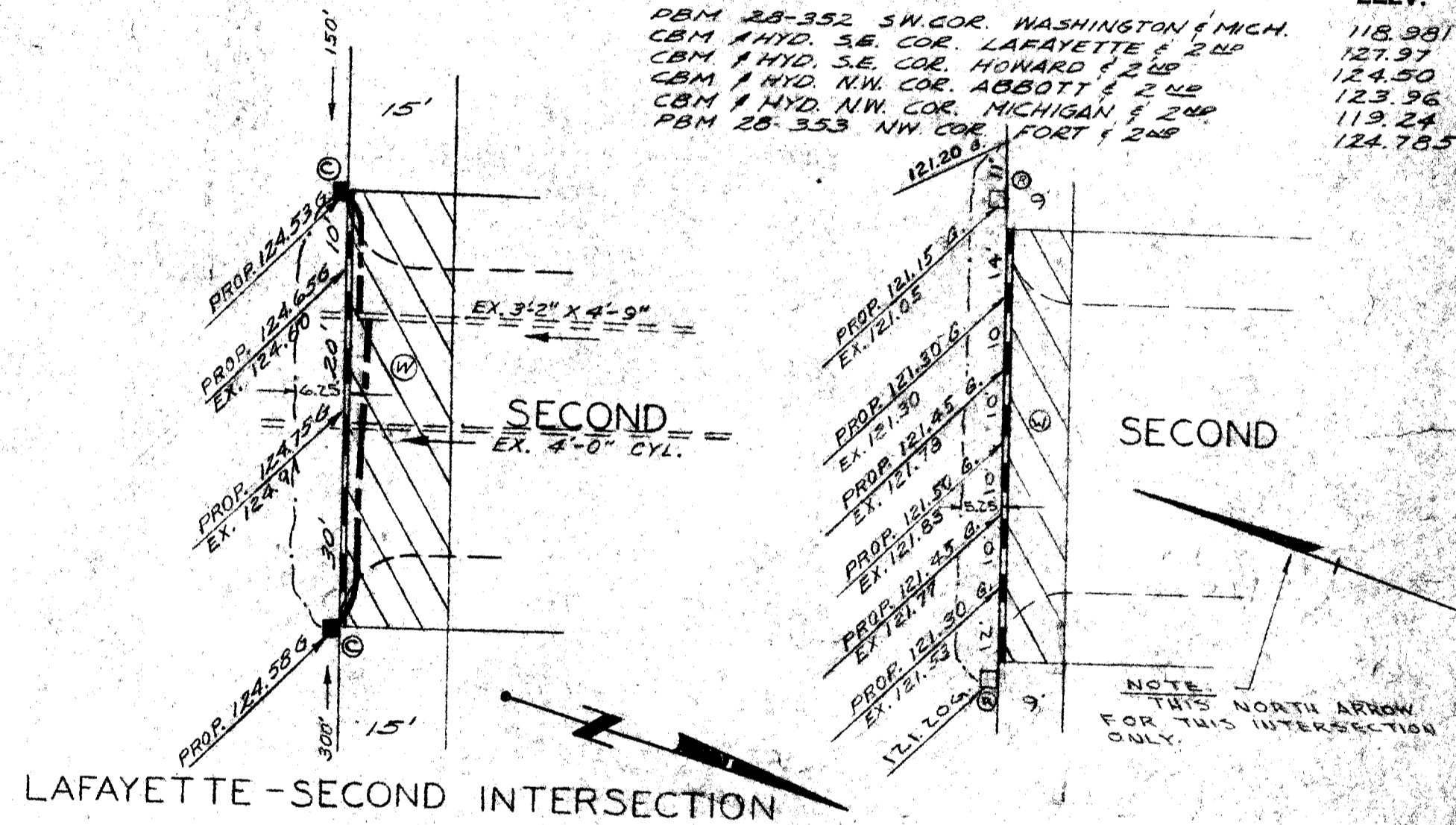
NOTE: FILL WITH EARTH MATERIAL TO SURROUNDING GROUND ELEVATIONS

TYPICAL FILL SECTION
NO SCALE

GROUND LINE AFTER PAVEMENT AND WALKS HAVE BEEN REMOVED



SEPARATE TYPE CURB
NO SCALE



SECOND

SECOND

SECOND

SECOND - ABBOTT

SECOND - MICHIGAN

REMOVAL & CONSTRUCTION
CITY OF DETROIT
 CENTRAL BUSINESS DISTRICT PROJECT NO. 1
 DEPARTMENT OF PUBLIC WORKS—CITY ENGINEERS OFFICE

REMOVAL PLAN

FROM _____ TO _____
 SHEET 5 OF 10 SHEETS
 FT. WD.

TYPE OF PAVEMENT 8 & 8 ONE COURSE CONCRETE-INTEGRAL CURB
 8" UNIFORM AT STREET INTERSECTION EXCEPT AS NOTED

PET. NO. _____ BY _____ DATE _____

NOTE — FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING C-4378

BENCH MARKS _____ ELEV. _____

AD-B MTC-003

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

SCALE
 LOTS & ALLEYS 1" = 50'
 STREET WIDTH 1" = 50'

VERTICAL SUPPLEMENTARY DETAILS
 C-4378 THROUGH C-4995

DATE 5-29-66 REVISIONS
 ADDED GAS MAINS

QUANTITIES	ESTIMATED	
	LOTS	CITY
EXCAVATION CU.YDS.		
PAVEMENT REMOVAL SQ.YDS.		
CURB REMOVAL LFT.		
FILL		
ADJUST MANHOLES		
MANHOLES RE-CONSTRUCT CONE NEW		
CATCH BASIN ADJUST		
CATCH BASIN STANDARD NEW		
12" SEWER PIPE LFT.		
PAVING SQ.YDS.		

QUANTITIES	ESTIMATED	
	LOTS	CITY
PAVING SQ.YDS.		
PAVING UNIT SQ.YDS.		
CURB-TYPE II LFT.		
TEST CORES EACH		
SIDEWALK 4" STANDARD SQ.FT.		
CONCRETE DRIVE 4" STD. SQ. FT.		
TREE REMOVAL 4"-12" DIA.		
TREE REMOVAL 12"-18" DIA.		

ASSIGNMENT NO. AO-1717

BOOK NO. PG. LEVEL DATE

LOTS 2L LENGTH CITY 2L LENGTH TOTAL LENGTH

DATE OF DRAW'G.

DRAINAGE COMPLETED PAVING COMPLETED Accepted C.C. 11-21-67

MADE BY L.P. KING CHECKED BY W. OWENS

SEWER APPROVED [Signature]

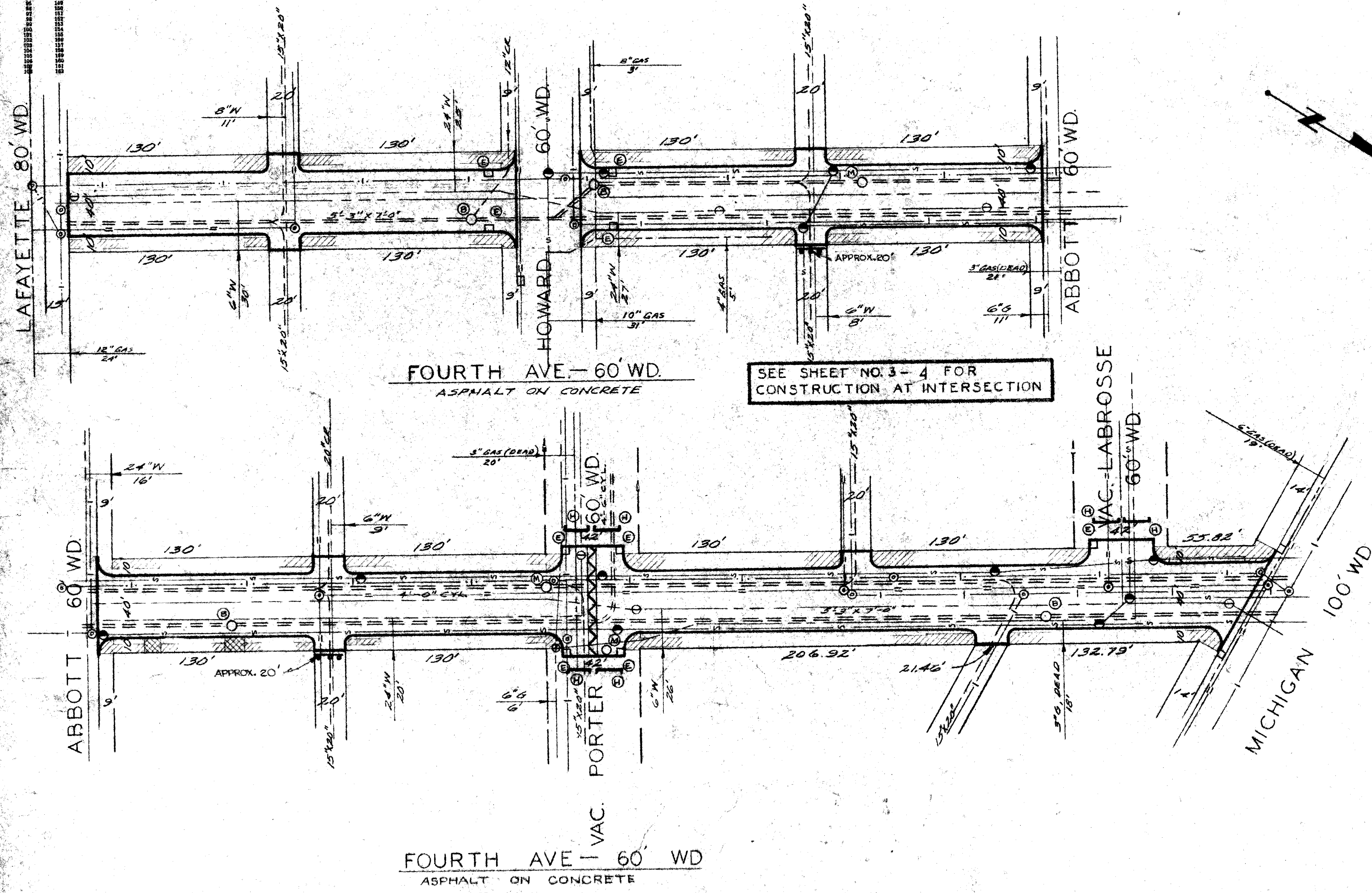
ESTIMATE [Signature]

FINAL CHECK W.O. [Signature]

APPROVED [Signature]

ENGINEER OF STREETS
 ASSISTANT CITY ENGINEER
 CITY ENGINEER

INDEX NO.	
TOPD NO.	28
INDEXED	



APPROX. 3486 CYDS. OF EARTH ARE REQUIRED FOR GRADING STREET ROW'S, THIS SHEET

- LEGEND
- [Hatched] WALK REMOVAL
 - [Cross-hatched] DRIVE REMOVAL
 - [Circle with X] SPECIAL WOOD BARRICADE REMOVAL
 - [Triangle with X] STREET CAR RAIL BASE REMOVAL
 - [Circle with R] RESET EXISTING CATCH BASIN
 - [Circle with M] ABANDONMENT SEWER MANHOLE
 - [Circle with S] STEEL BEAM BARRICADE REMOVAL
 - [Circle with T] RESET EXISTING MANHOLE
 - [Dashed line] LIMITS OF ASPH. RESURFACING
 - [Solid line] CONSTRUCT SEPARATE TYPE CURB

13-8 MTR OODS

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

SCALE
 LOTS & ALLEYS 1"=50'
 STREET WIDTH 1"=50'

VERTICAL

SUPPLEMENTARY DETAILS
 C-4378 THROUGH C-4395

DATE REVISIONS
 8-29-66 ADDED GAS MAINS

QUANTITIES	ESTIMATED	
	LOTS	CITY
EXCAVATION CU. YDS.		
PAYMENT REMOVAL SQ. YDS.		
CURB REMOVAL LFT.		
FILL		
ADJUST MANHOLES		
MANHOLES RE-CONSTRUCT CONE NEW		
CATCH BASIN ADJUST		
CATCH BASIN STANDARD NEW		
12" SEWER PIPE LFT.		
PAVING SQ. YDS.		

QUANTITIES	ESTIMATED	
	LOTS	CITY
PAVING SQ. YDS.		
PAVING UNIP SQ. YDS.		
CURB-TYPE II LFT.		
TEST CORES EACH		
SIDEWALK 4" STANDARD SQ. FT.		
CONCRETE DRIVE 8" STD. SQ. FT.		
TREE REMOVAL 4"-12" DIA.		
TREE REMOVAL 13"-18" DIA.		

ASSIGNMENT NO. **AO-1717**

BOOK NO. PG. LEVEL DATE

LOTS 2L LENGTH CITY 2L LENGTH TOTAL LENGTH

DATE OF DRAWG.

DRAINAGE COMPLETED PAVING COMPLETED *Accepted C.C. 11-21-67*

MADE BY *L.P. KING* CHECKED BY *WOWENS*

PLAN PROFILE GRADE

SEWER APPROVED *W. O. Kawens*

ESTIMATE

FINAL CHECK *W. O. Kawens*

APPROVED *John Erickson*

ENGINEER OF STREETS

W. O. Kawens

ASSISTANT CITY ENGINEER

Raymond K. Palmer

CITY ENGINEER

GROUP NO. INDEX NO. 28

TOPO NO. 28

INDEXED

CONTRACT NO. P.W. **5739**

REMOVAL & CONSTRUCTION
CITY OF DETROIT
 CENTRAL BUSINESS DISTRICT PROJECT NO. 1
 DEPARTMENT OF PUBLIC WORKS-CITY ENGINEERS OFFICE

REMOVAL PLAN

FROM _____ TO _____

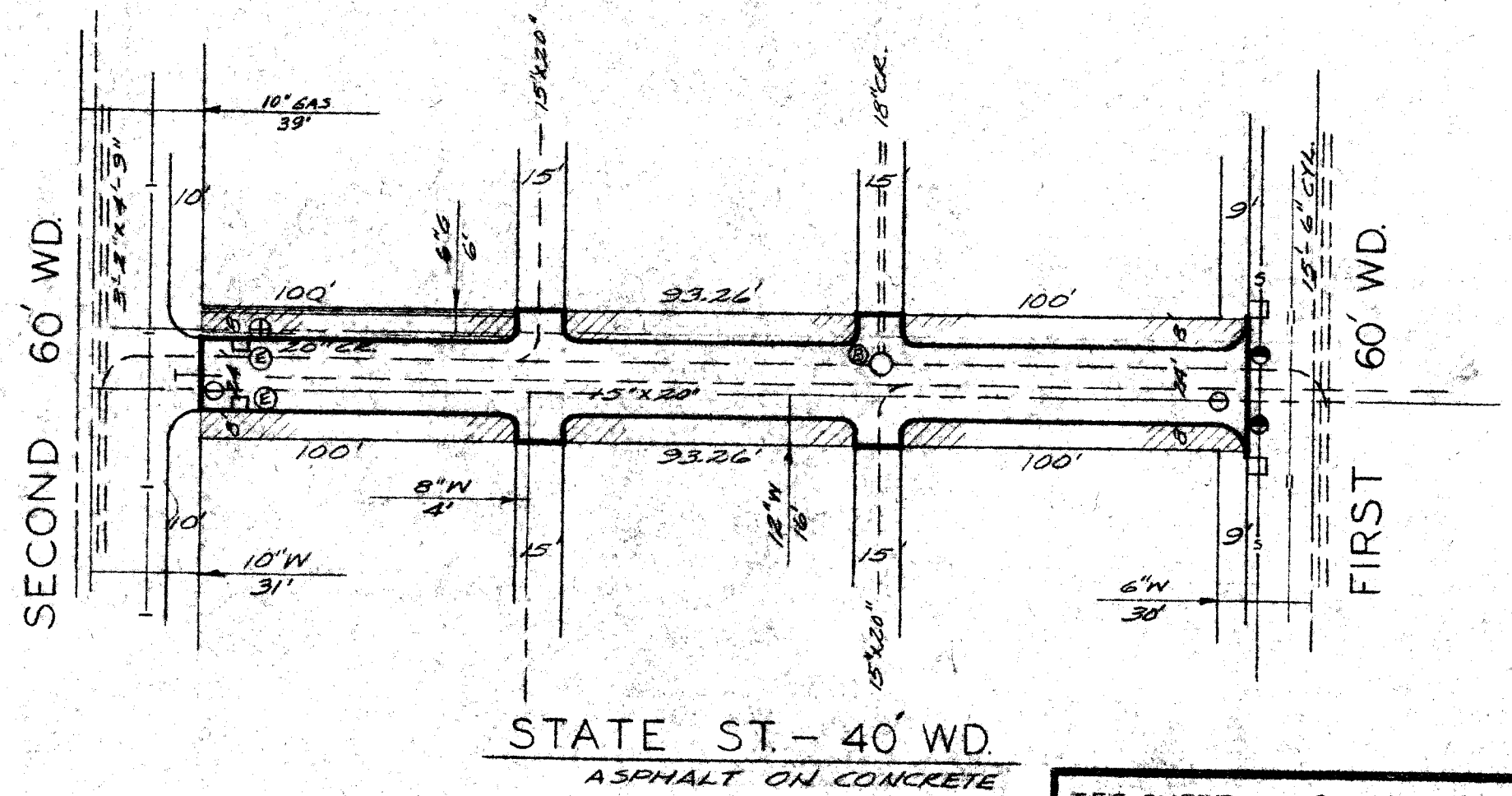
TYPE OF PAVEMENT 8 6 8 ONE COURSE CONCRETE-INTEGRAL CURB 8" UNIFORM AT STREET INTERSECTION EXCEPT AS NOTED

PET. NO. _____ BY _____ DATE _____

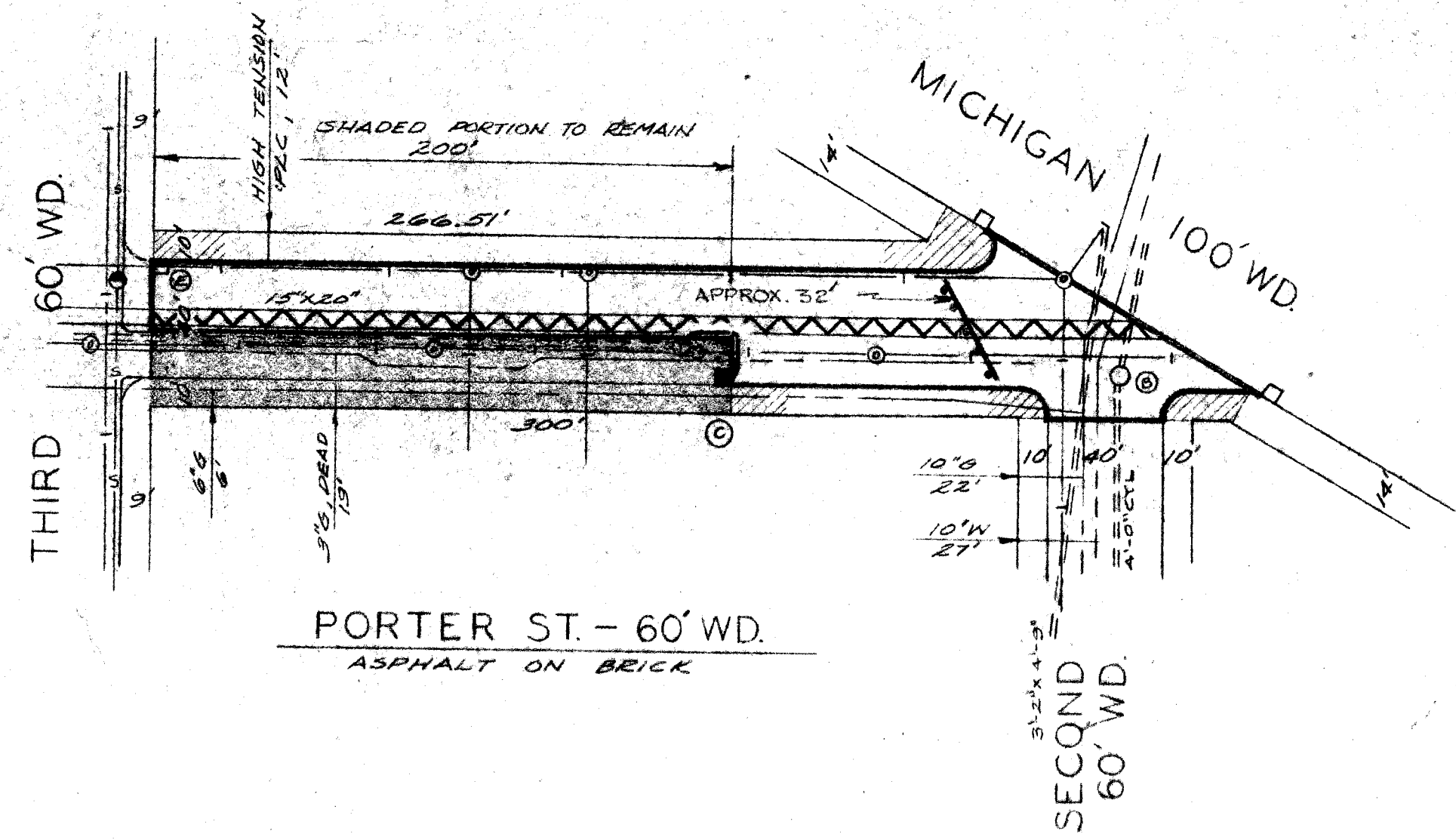
NOTE - FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING C-4378

BENCH MARKS _____ ELEV. _____

SHEET 7 OF 10 SHEETS



SEE SHEET NO 3-4 FOR CONSTRUCTION AT INTERSECTION



APPROX. 1050 CYDS OF EARTH ARE REQUIRED FOR GRADING STREET ROW'S, THIS SHEET.

