

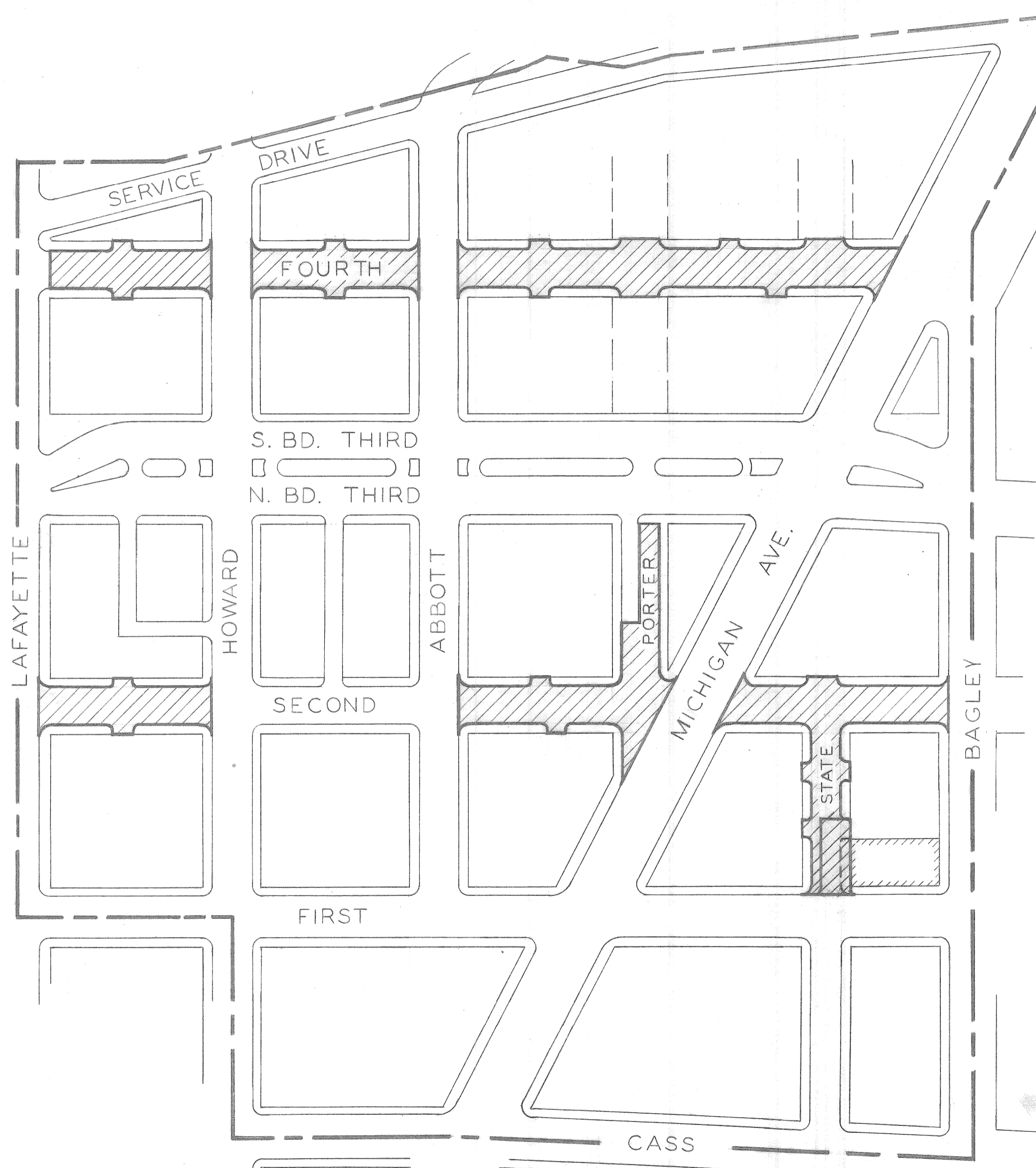
A.O. 1717
 FILE NO.
 DATE
 DRAWN BY *Wagner*
 CHECKED BY *W. OWENS/NK.*
 APPROVED
John Erickson
 ENGINEER OF STREETS
W. Stepeck
 ASST. CITY ENGINEER
Clyde L. Palmer
 CITY ENGINEER

Accepted c.c. 11-21-67

CONTRACT NO. P.W. 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

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

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-4393	
DATE	REVISIONS

QUANTITIES	ESTIMATED	
	LOTS	CITY
EXCAVATION CU. YDS.		
PAVEMENT REMOVAL SQ. YDS.		
CURB REMOVAL LFT.		
FILL		
ADJUST MANHOLES		
MANHOLES		
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		
TREE REMOVAL 4"-12" DIA.		
TREE REMOVAL 13"-18" DIA.		

ASSIGNMENT NO. **AO-1717**

BOOK NO.	LEVEL
PG.	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	CHECKED BY
L.P. KING	W. OWENS
SEWER APPROVED	W. OWENS
ESTIMATE	
FINAL CHECK	
APPROVED	
ENGINEER OF STREETS	
ASSISTANT ENGINEER	
CITY ENGINEER	

GROUP NO. _____ 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 _____

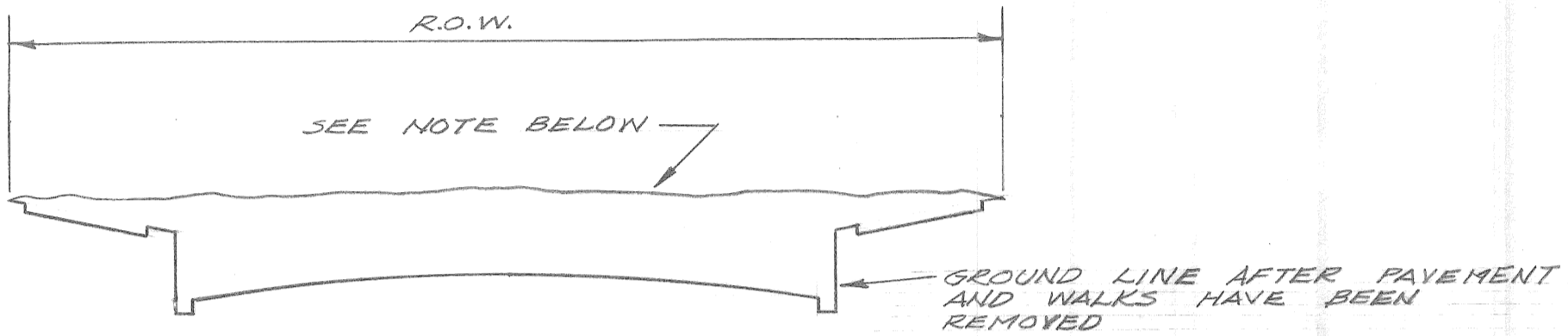
TYPE OF PAVEMENT 8 & 8 ONE COURSE CONCRETE-INTEGRAL CURB
 8" UNIFORM AT STREET INTERSECTION EXCEPT AS NOTED

PET. NO. _____ BY _____ DATE _____

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

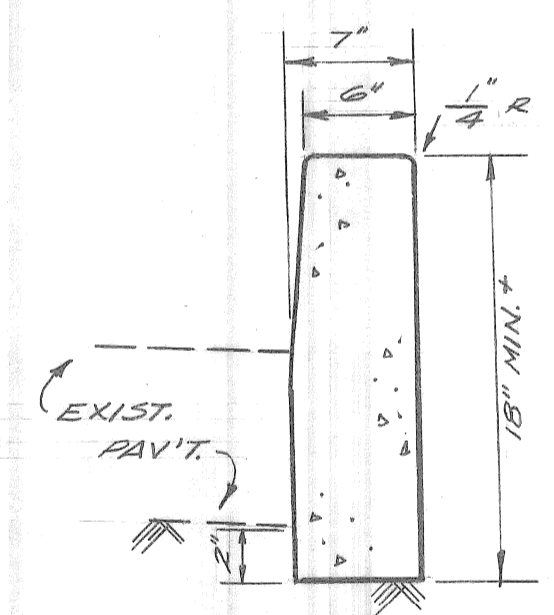
SHEET **3**
 OF **10** SHEETS
 FT. WD.

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

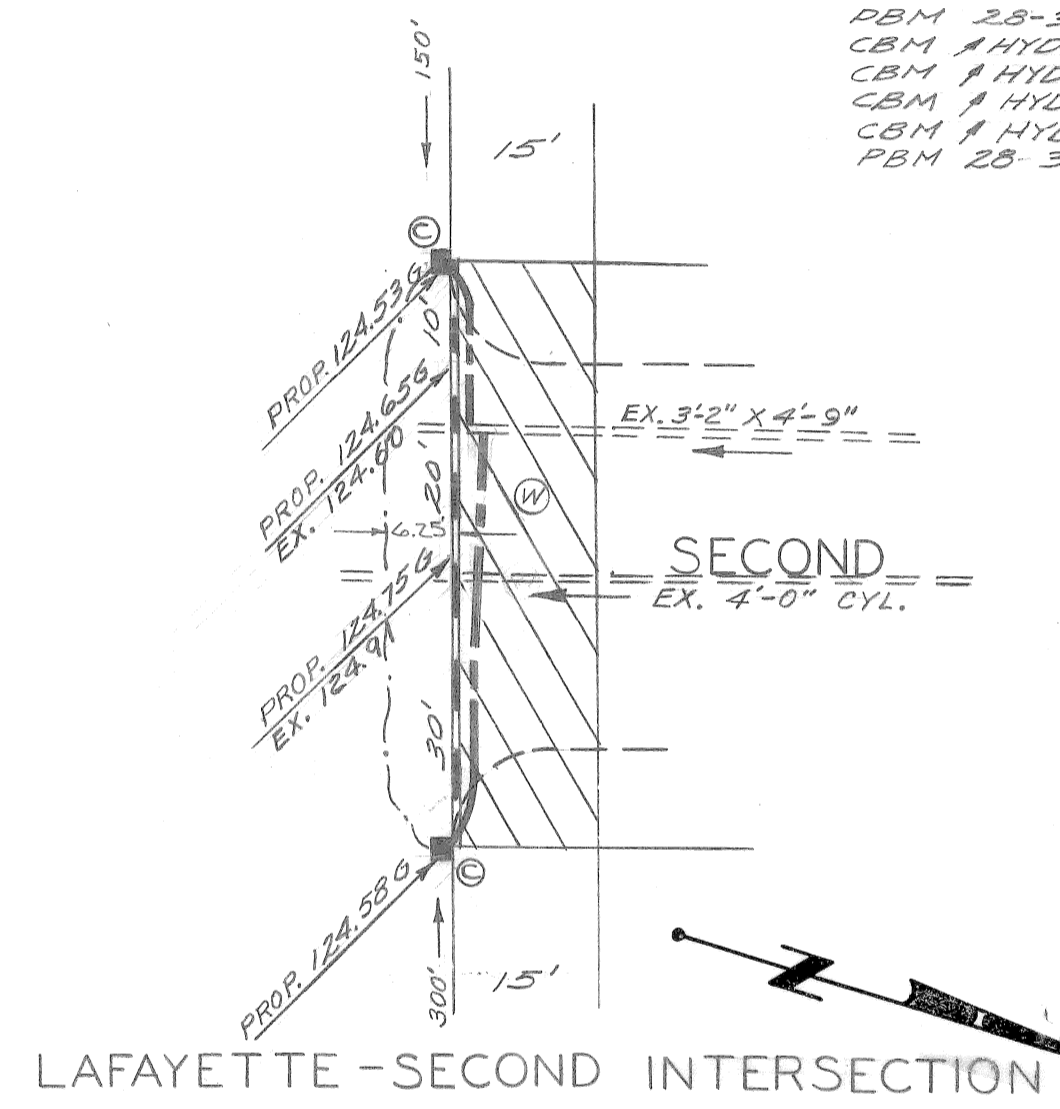


NOTE: FILL WITH EARTH MATERIAL TO SURROUNDING GROUND ELEVATIONS

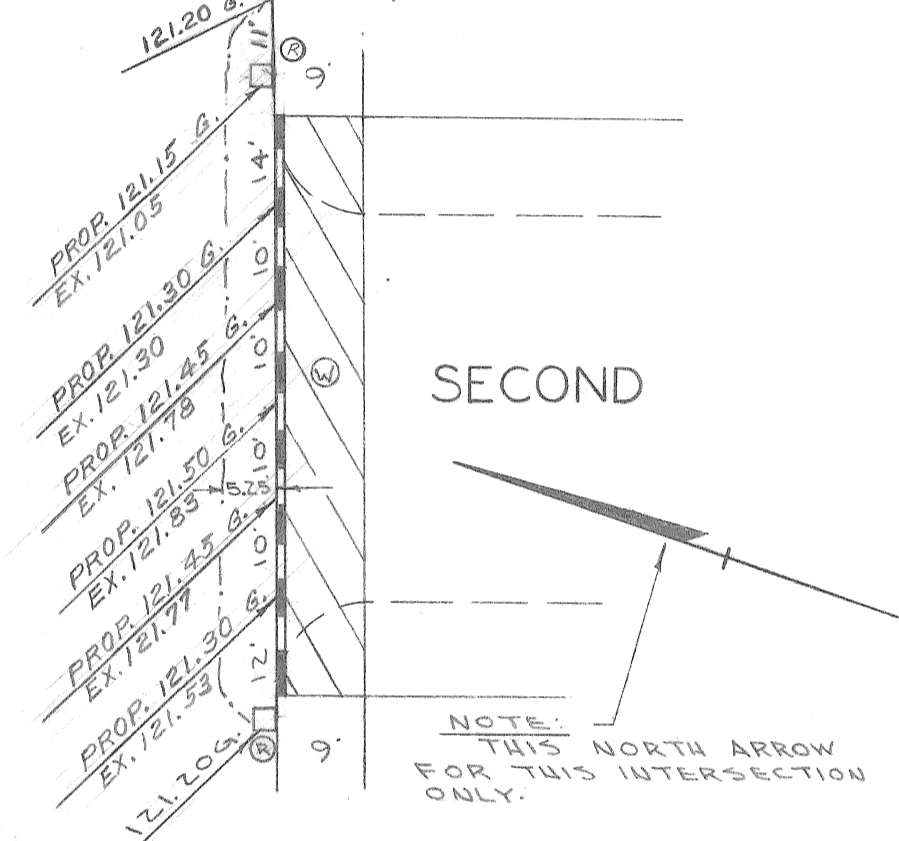
TYPICAL FILL SECTION
 NO SCALE



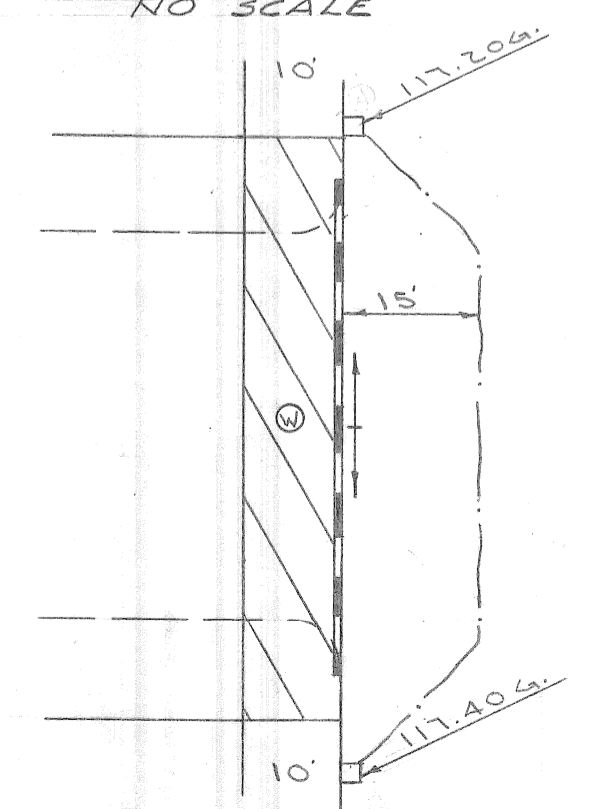
SEPARATE TYPE CURB
 NO SCALE



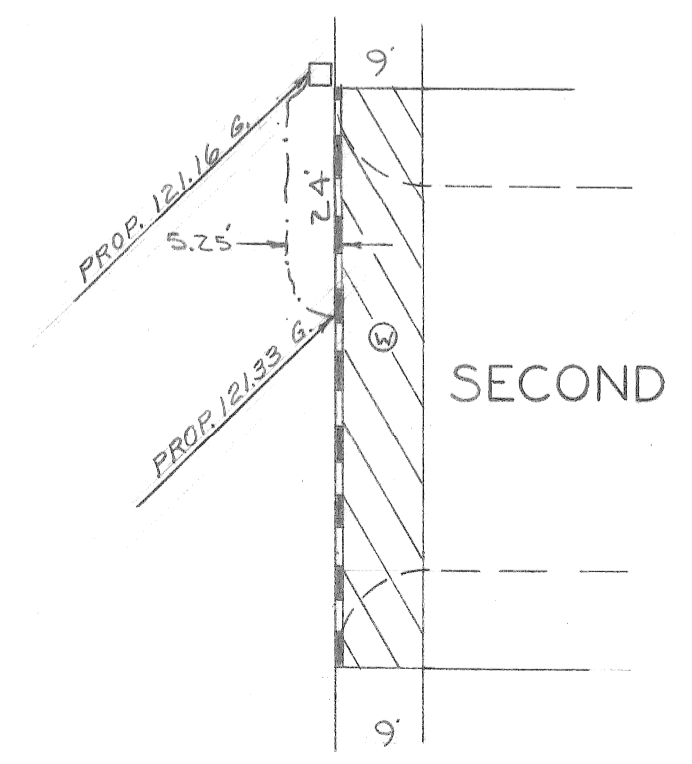
LAFAYETTE - SECOND INTERSECTION



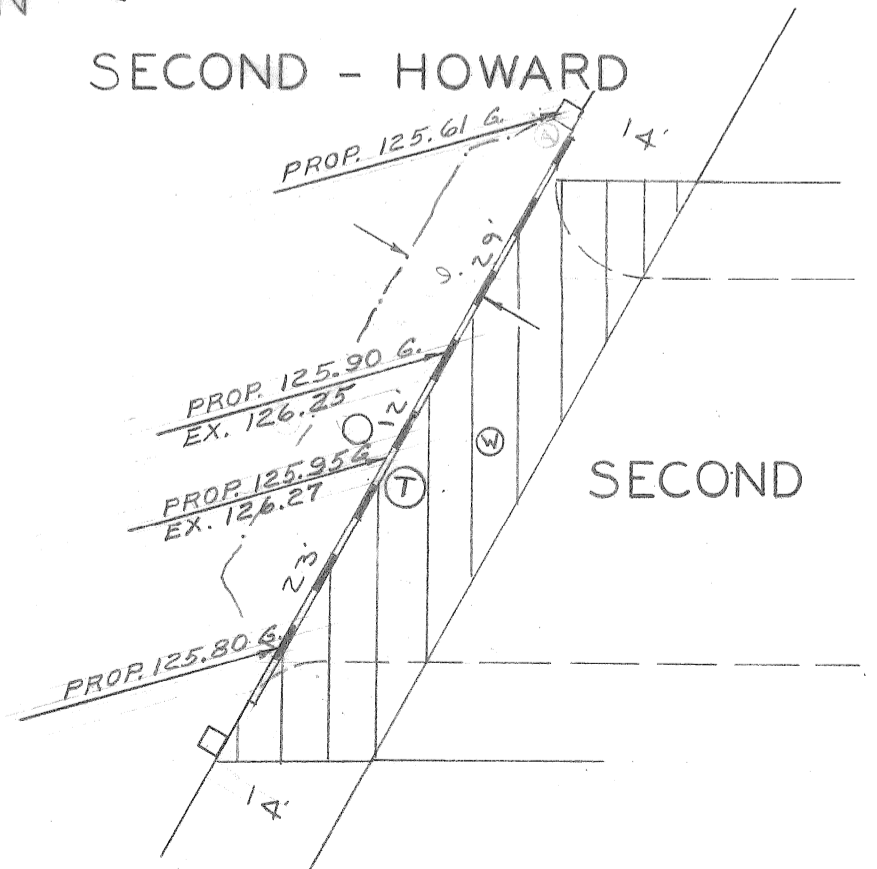
SECOND - HOWARD



SECOND - BAGLEY



SECOND - ABBOTT



SECOND - MICHIGAN

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-4393

DATE 8-29-66 REVISIONS
ADDED GAS MAINS

QUANTITIES	ESTIMATED	
	LOTS	CITY
EXCAVATION CU.YDS.		
PAYMENT REMOVAL SQ.YDS.		
CURB REMOVAL LFT.		
FILL TYPE A		
FILL TYPE 22A		
ADJUST MANHOLES SEWER		
ADJUST MANHOLES WATER		
MANHOLES RE-CONSTRUCT CONE NEW		
CATCH BASIN ADJUST		
CATCH BASIN STANDARD NEW		
12" SBER PIPE LFT.		
PAVING SQ.YDS.		

QUANTITIES	ESTIMATED	
	LOTS	CITY
PAVING SQ.YDS.		
PAVING UNIF. SQ.YDS.		
CURB-TYPE II LFT.		
TEST CORES EACH		
SIDEWALK 4" STANDARD SQ.FT.		
CONCRETE DRIVE 3" STD. SQ.FT.		
CONCRETE DRIVE 3" STD. SQ.FT.		
TREE REMOVAL 4"-12" DIA.		
TREE REMOVAL 13"-18" DIA.		

ASSIGNMENT NO. AO-1717

BOOK NO. _____ LEVEL _____ DATE _____

PG. _____

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. PRING	CHECKED BY W. OWENS
PLAN	
PROFILE	
GRADE	
SEWER APPROVED 4/26/66	ASBESTOS
ESTIMATE	
FINAL CHECK W.O. KERRAS	
APPROVED	
John Eichen	
ENGINEER OF STREETS	
M. Stepan	
ASSISTANT CITY ENGINEER	
Oscar L. Palmer	
CITY ENGINEER	

INDEX NO.	
TOPO NO.	28
INDEXED	

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

REMOVAL PLAN

FROM _____ TO _____

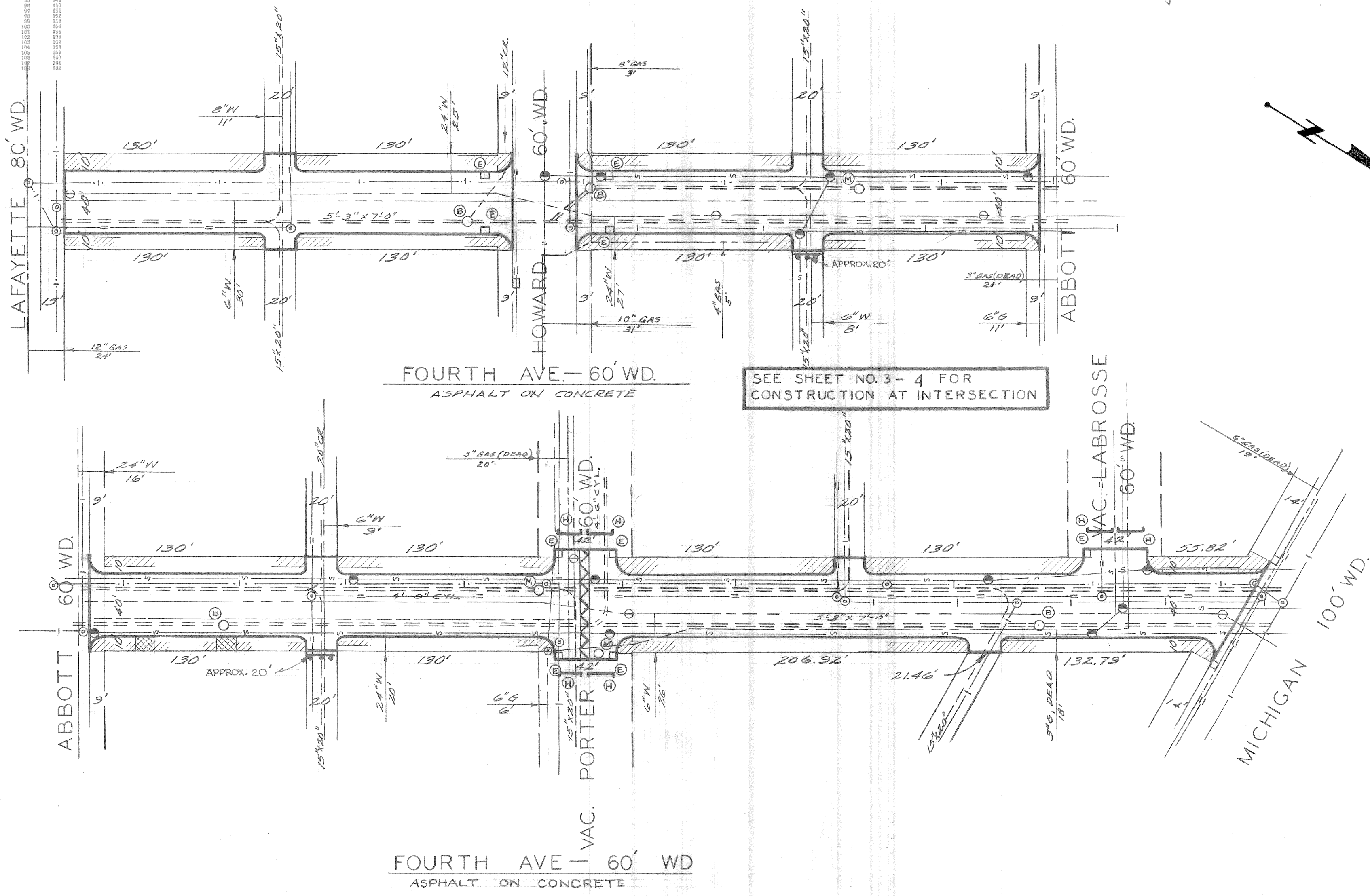
SHEET 5 OF 10 SHEETS FT. WD.

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. _____



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

- LEGEND
- WALK REMOVAL
 - DRIVE REMOVAL
 - SPECIAL WOOD BARRICADE REMOVAL
 - STREET CAR RAIL BASE REMOVAL
 - RESET EXISTING CATCH BASIN
 - ABANDONMENT SEWER MANHOLE
 - STEEL BEAM BARRICADE REMOVAL
 - RESET EXISTING MANHOLE
 - LIMITS OF ASPH. RESURFACING
 - CONSTRUCT SEPARATE TYPE CURB

13-B (11/61) 0003

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 8-29-66 REVISIONS
 ADDED GAS MAINS.

QUANTITIES	ESTIMATED	
	LOTS	CITY
EXCAVATION CU.YDS.		
PAVEMENT REMOVAL SQ.YDS.		
CURB REMOVAL LFT.		
FILL		
ADJUST MANHOLES		
MANHOLES		
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		
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

GROUP NO. _____ 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 _____

PET. NO. _____ BY _____ DATE _____

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

BENCH MARKS _____ ELEV. _____

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

SEWER APPROVED *W.D. Kamras*

ESTIMATE

FINAL CHECK *W.D. Kamras*

APPROVED *John Erickson*
 ENGINEER OF STREETS

Matthew
 ASSISTANT CITY ENGINEER

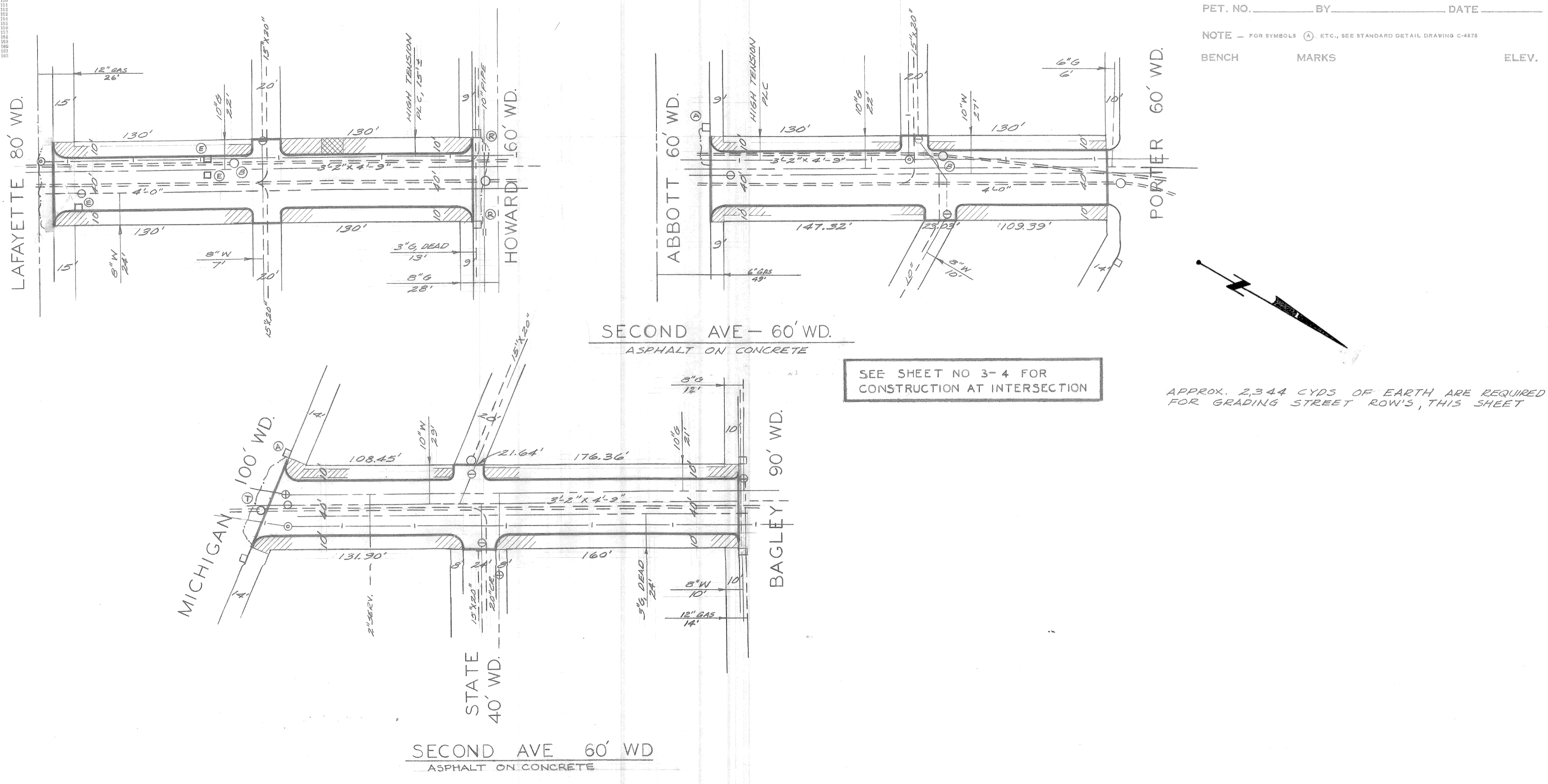
Raymond Palmer
 CITY ENGINEER

INDEX NO. _____

TOPO NO. 28

INDEXED

SHEET 6 OF 10 SHEETS FT. WD.



SEE SHEET NO 3-4 FOR CONSTRUCTION AT INTERSECTION

APPROX. 2,344 CYDS OF EARTH ARE REQUIRED FOR GRADING STREET ROW'S, THIS SHEET

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.		
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 8" STD. SQ. FT. 6" 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 W. OWENS

SEWER APPROVED [Signature] ESTIMATE APPROVED [Signature]

FINAL CHECK W.O. Kammes APPROVED [Signature]

John Erickson ENGINEER OF STREETS
 [Signature] ASSISTANT CITY ENGINEER
 [Signature] CITY ENGINEER

INDEX NO. _____

TOPO NO. 28

INDEXED _____

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

REMOVAL PLAN

FROM _____ TO _____

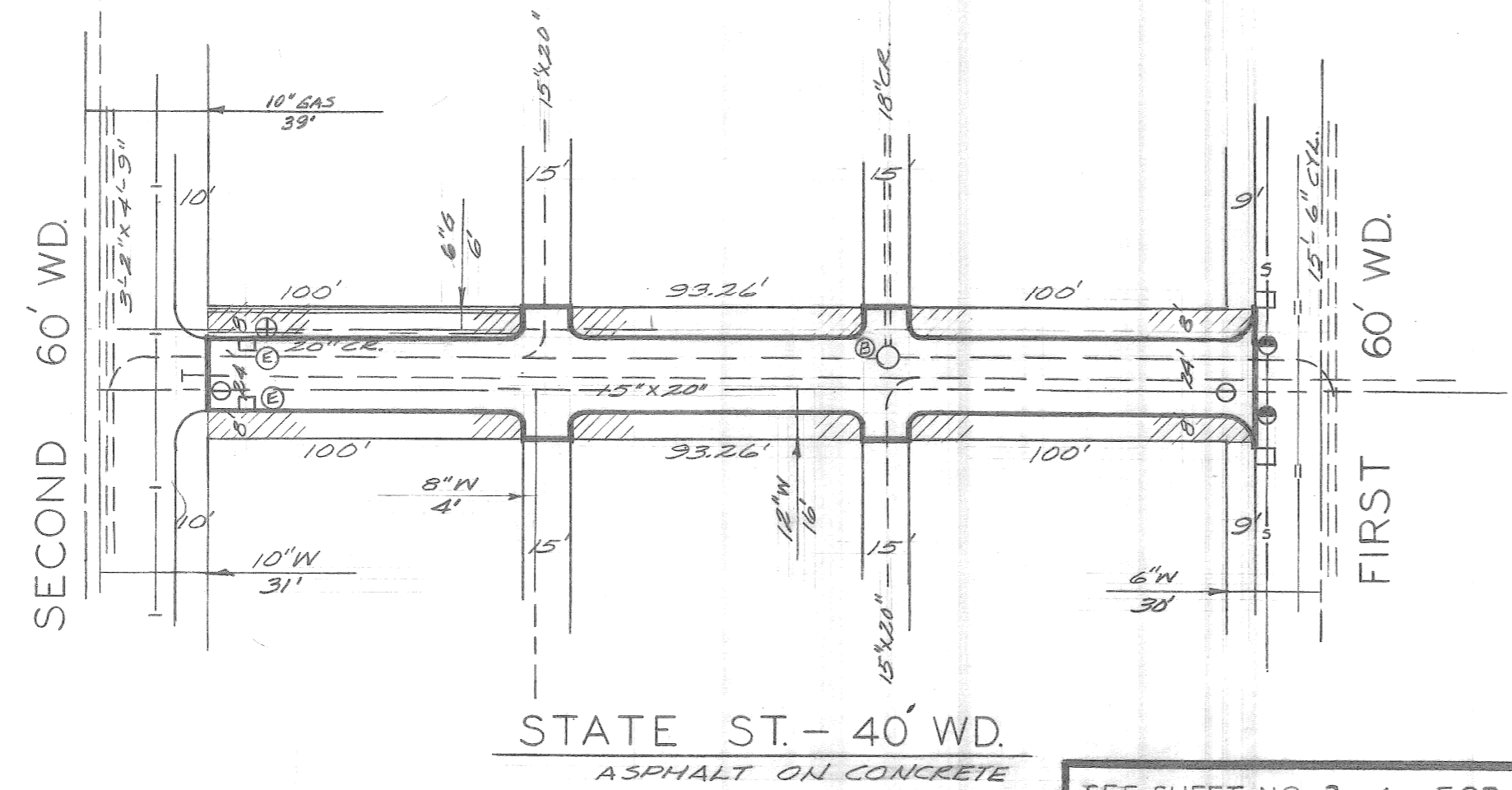
TYPE OF PAVEMENT 8 & 8 ONE COURSE CONCRETE-INTEGRAL CURB 6" UNIFORM AT STREET INTERSECTION EXCEPT AS NOTED

PET. NO. _____ BY _____ DATE _____

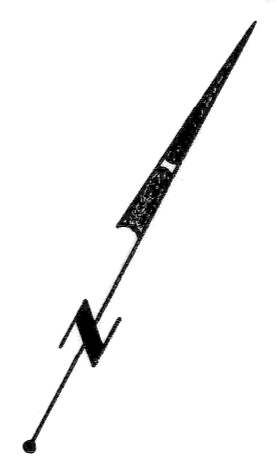
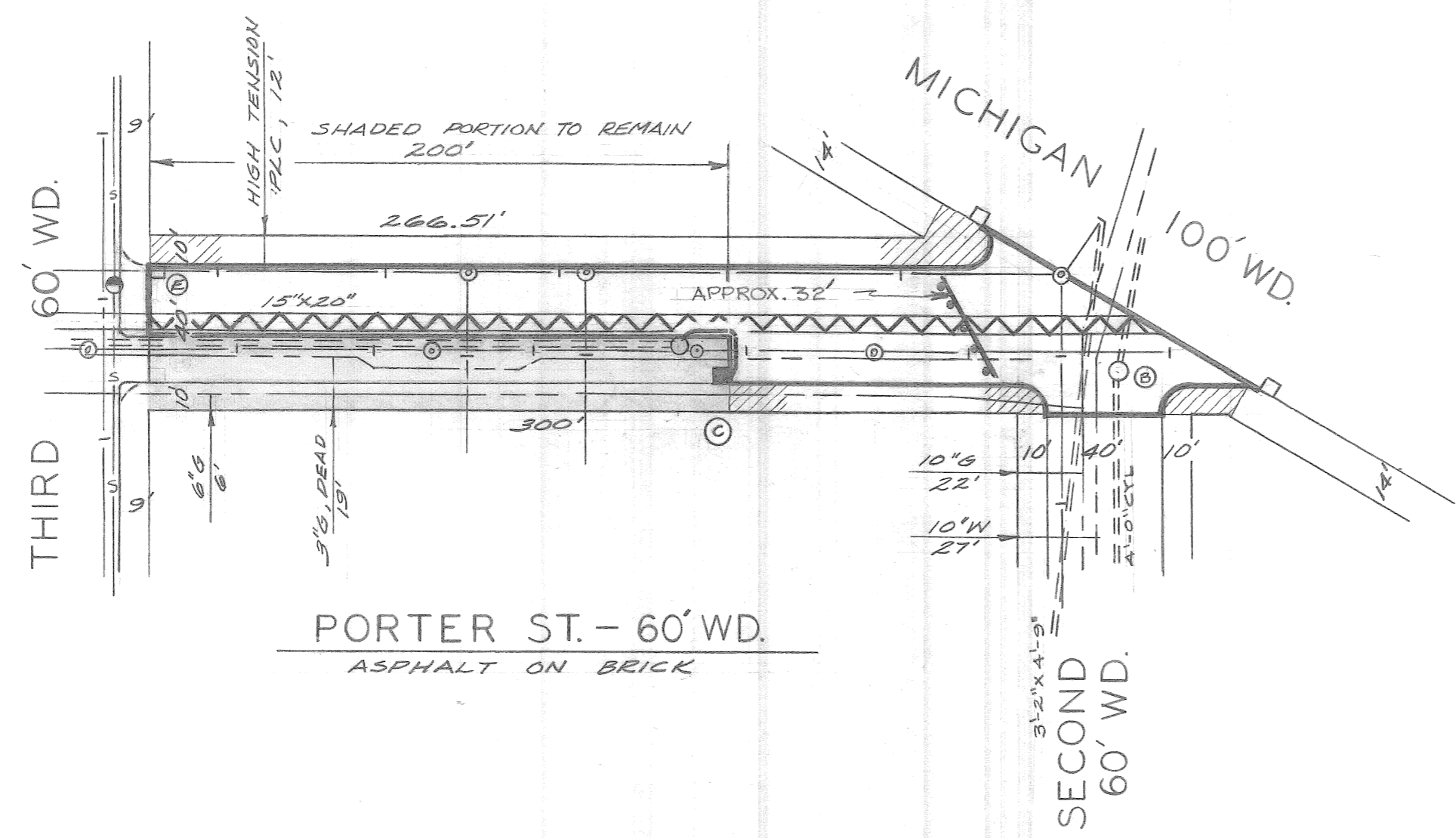
NOTE - FOR SYMBOLS (A) ETC., SEE STANDARD DETAIL DRAWING C-4378

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.

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REMOVAL & CONSTRUCTION

CITY OF DETROIT

CENTRAL BUSINESS DISTRICT PROJECT NO.

DEPARTMENT OF PUBLIC WORKS-CITY ENGINEERS OFFICE

W SECOND E FIRST
S MICHIGAN N BAGLEY

SHEET 8 OF 10 SHEETS

HIGH EARLY STRENGTH CONCRETE
8" ONE COURSE CONCRETE PAVEMENT 24 FT. WD. IN 25 FT. R.O.W.

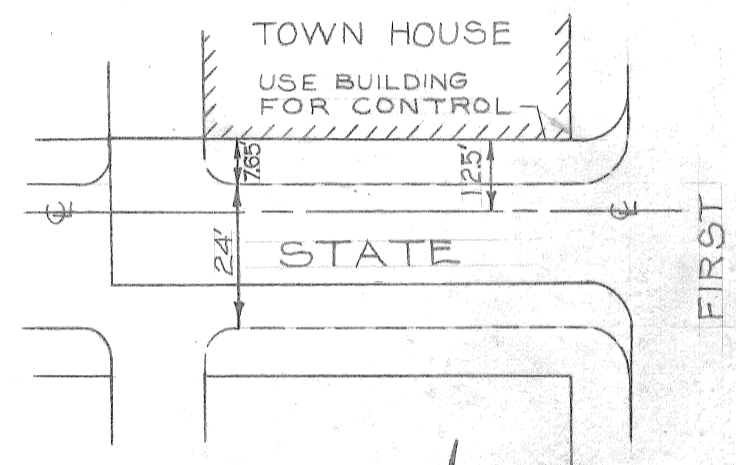
PET. NO. BY DATE

NOTE - FOR SYMBOLS @ ETC., SEE STANDARD DETAIL DRAWING NO. C-4395

BENCH MARKS ELEV.

P.B.M.#29-253A N.E. COR. ELIZABETH & THIRD 118.248
P.B.M.#28-352 S.W. COR. WASHINGTON & MICHIGAN 118.981
C.B.M.#F.H. S.E. COR. FIRST & STATE 120.25

HORIZONTAL CONTROL



FIRST ST.

DETAIL X SCALE 1" = 10'

ASSIGNMENT	FILE PAGE
NO. AO 1717	NO. 2587
ASSESSOR'S NO.	
BOOK NO. LL 2884 p. 1-5	LEVEL DATE 2-18-66
LOTS 2L 248.00	LENGTH 124.00
CITY 2L 00.00	LENGTH 00.00
TOTAL 248.00	LENGTH 124.00
DATE OF DRAW'G.	
SCALE	HORIZONTAL 1" = 30' VERTICAL 1" = 2'

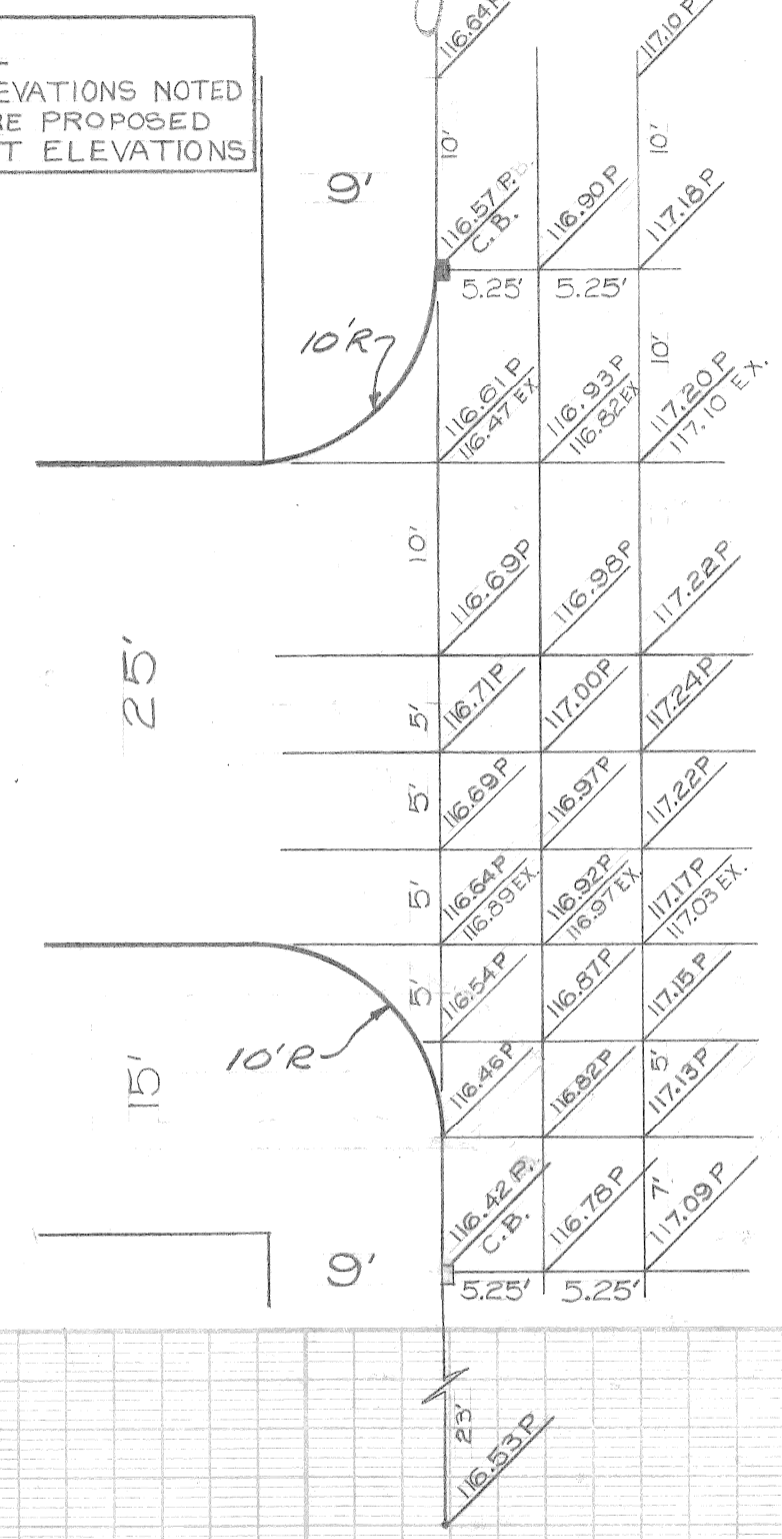
MADE BY	CHECKED BY
J.P.W.	
W.L.T.	
SEWER APPROVED 4/4/66	
ESTIMATED J.P.W.	W.L.T.
FINAL CHECK W.L.T.	Kawras
APPROVED	
John Erickson	
ENGINEER OF STREETS	
W. Stepan	
ASSISTANT CHIEF ENGR	
Raymond Palmer	
CITY ENGINEER	

INDEX NO.	TOPO NO.	INDEXED
1		
	28	

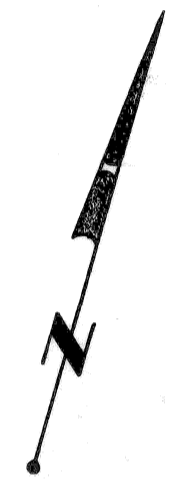
QUANTITIES	ESTIMATED	
	LOTS	CITY
EXCAVATION CU.YDS.	8	
FILL - TYPE GRADE A CU.YDS.	70	
MANHOLE ADJUST - SEWER	1	
MANHOLE ADJUST - WATER		
MANHOLE RECONSTRUCT CONE	1	
MANHOLE STANDARD NEW		
CATCH BASIN STANDARD NEW	2	
SEWER PIPE 12" LFT.	45	
SEWER PIPE 12" UNDER PAV'T LFT.		
PAVING 8" UNIFORM HIGH EARLY STRENGTH	336	

QUANTITIES	ESTIMATED	
	LOTS	CITY
PAVING 8" UNIFORM		
SEPARATE CURB TYPE II	7	
RETAINING WALL		
TEST CORRS EACH	1	
SIDEWALK 4" STANDARD	200	
TREE REMOVAL 4"-12" DIA.		
TREE REMOVAL 13"-18" DIA.		
CONSTRUCTION JOINT LFT.	115	
STONING & GRADING SQ.YDS.	25	
STRIP & ADJUST ASPH. SQ.YDS.	89	
CATCH BASIN ADJUST		
CATCH BASIN ABANDON	1	

NOTE ALL ELEVATIONS NOTED AS P ARE PROPOSED PAVEMENT ELEVATIONS

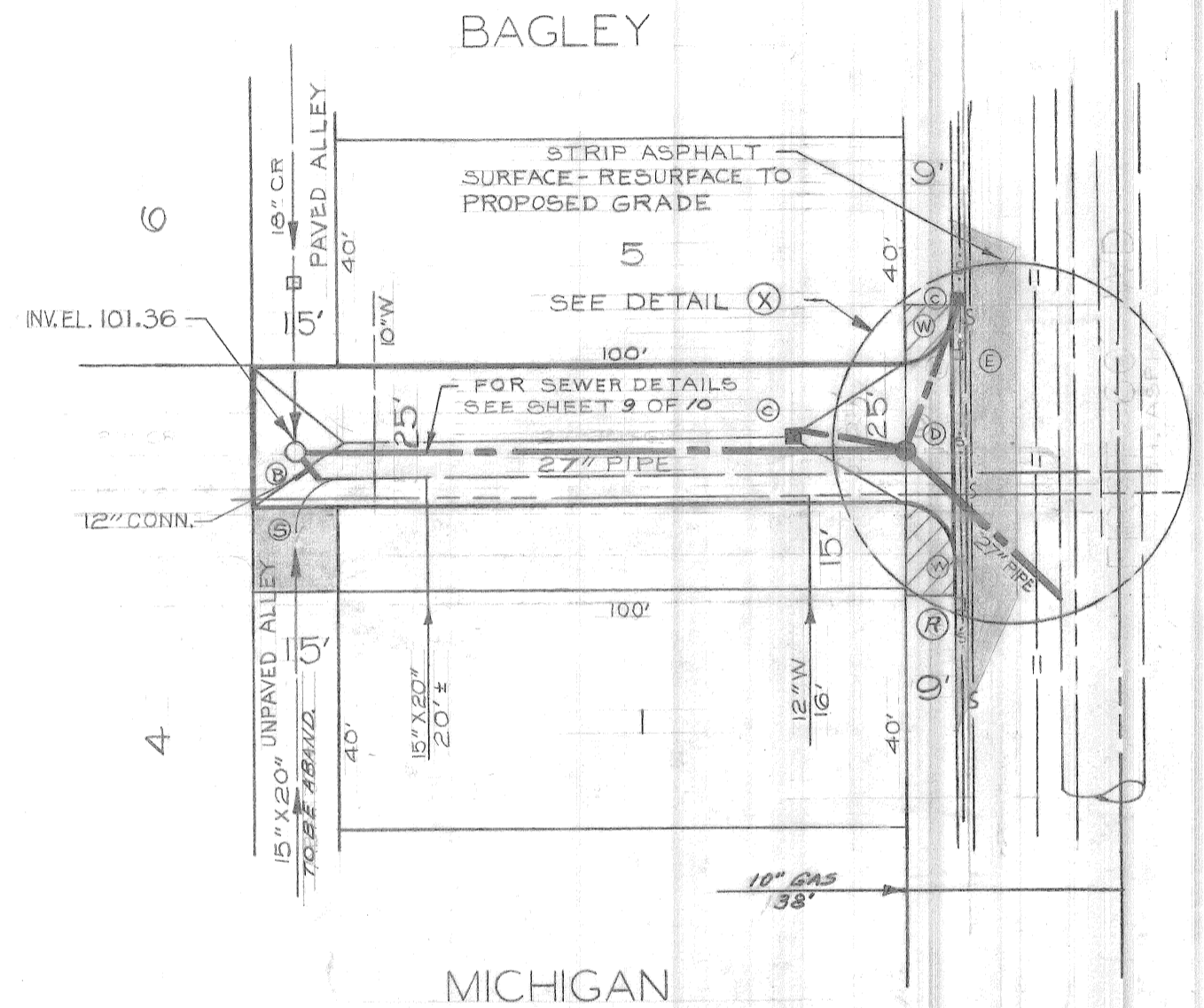


BEFORE STARTING CONSTRUCTION CONTRACTOR MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLANS.	
DRAINAGE COMPLETED	
PAVING COMPLETED Accepted C.C. 11-21-67	
SUPPLEMENTARY DETAILS	
C-4390	C-4392 C-4393
C-4395 THROUGH C-4400 C-4647	
2-16-66 NO OLD PLAN	
DATE	REVISIONS
2/2/66	ADDED GAS MAIN



SECOND

BAGLEY



FIRST ST. 60' WD ASPHALT

MICHIGAN

NOTE SCALE 1" = 30'

