

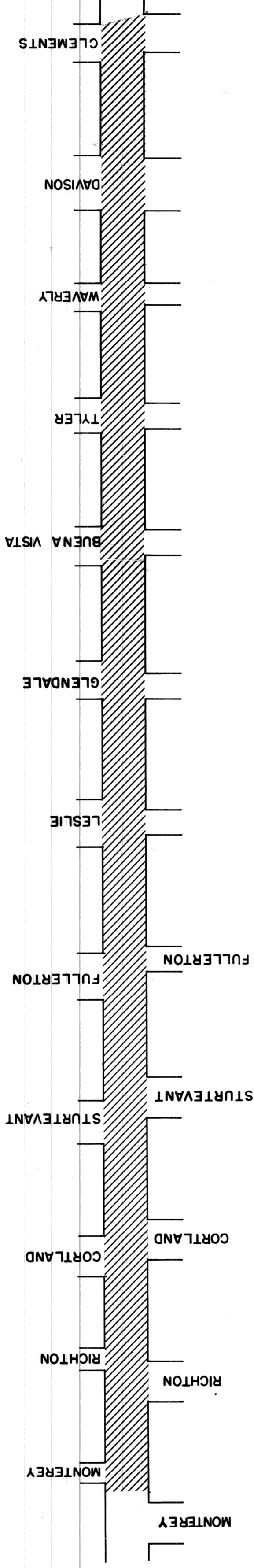
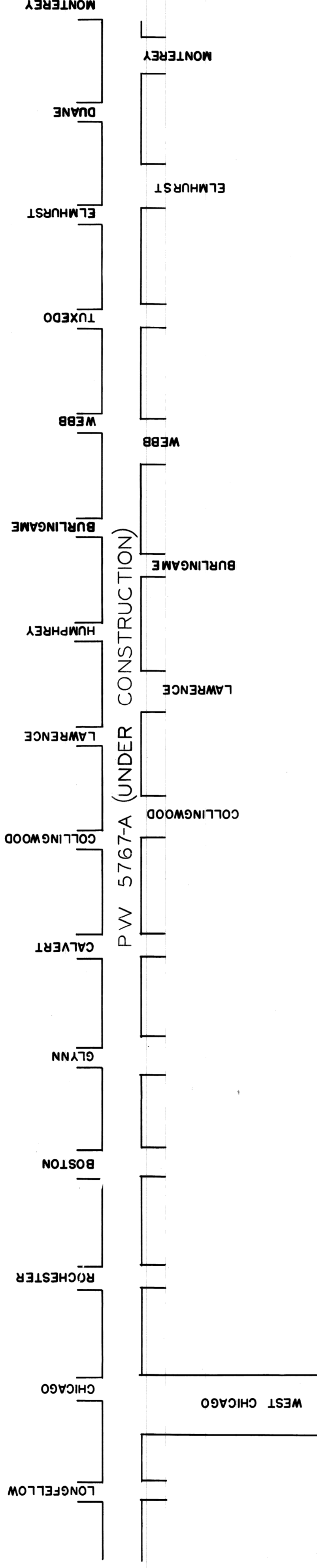
CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

PLANS FOR PROPOSED

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS  
 FOR



DEPARTMENT OF PUBLIC WORKS



INDEX OF SHEETS

- 1 TITLE SHEET
- 2 QUANTITY SHEET
- 3-5 TYPICAL SECTION & DETAILS
- 6-9 REMOVAL & UTILITY PLANS
- 10-16 PAVING PLANS
- 17-19 P.L.C. PLANS

STREET PAVING & P.L.C. STANDARDS ATTACHED

ACC 4-1-69

PROJECT: WIDENING OF  
 DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS

CONTRACT  
 NO. PW-5767-B

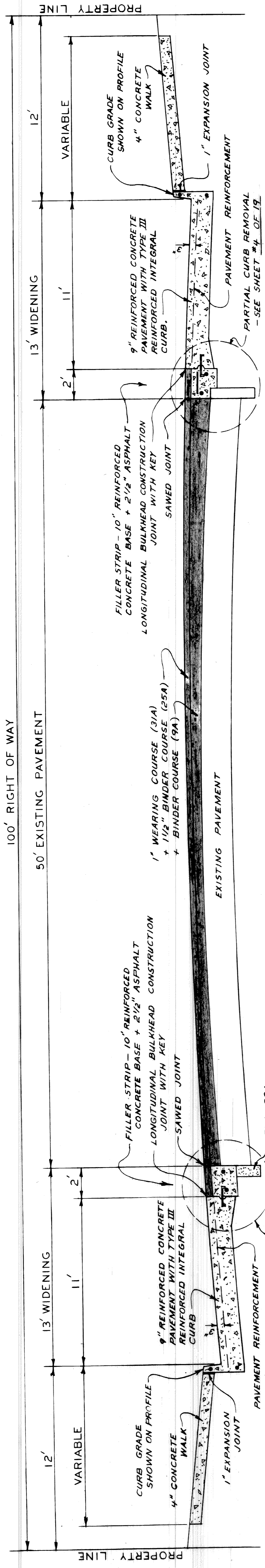
PLANS PREPARED BY  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

RECOMMENDED FOR APPROVAL ENGINEER OF INSPECTION	<i>R. C. M. Mason</i>	5-9-68 DATE
RECOMMENDED FOR APPROVAL HEAD ENGINEER	<i>A. P. Sedore</i>	5-9-68 DATE
APPROVED ASSISTANT CITY ENGINEER	<i>R. P. H. Kelly</i>	5-12-68 DATE
APPROVED ENGINEER	<i>Edward Brundage</i>	5-10-68 DATE

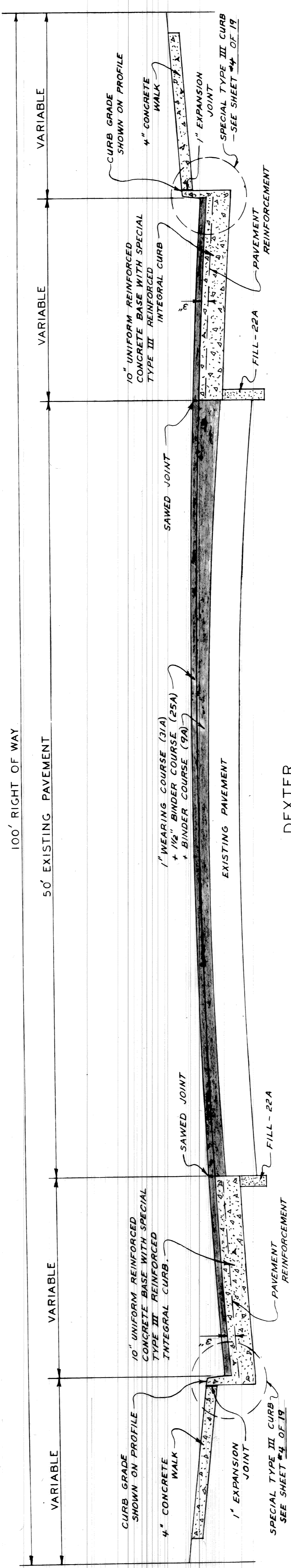
DATE 4-30-68

DRWG. NO. 1 OF 19





**DEXTER**  
BETWEEN INTERSECTIONS



**DEXTER**  
AT INTERSECTIONS AND  
FROM DAVISON TO CLEMENTS

**CONSTRUCTION LEGEND**

- 10" REINFORCED CONCRETE BASE + 2 1/2" ASPHALT
- PROPOSED PAVEMENT ELEVATION
- SEPARATE CURB - TYPE II
- SPECIAL CATCH BASIN ABANDONMENTS - SEE SHEET # 5
- SPECIAL MANHOLE - TYPE I - SEE SHEET # 5
- SPECIAL MANHOLE - TYPE II - SEE SHEET # 5
- RESET CATCH BASIN
- RESET MANHOLE
- MAINTAIN ONE-HALF OF DRIVEWAY FOR USE AT ALL TIMES
- MAINTAIN THE FULL-WIDTH OF DRIVEWAY FOR USE AT ALL TIMES

FOR STANDARD SYMBOLS SEE STANDARD  
DETAIL DRAWINGS C-4378 & C-902-A

NOTE:  
ALL SIDEWALKS ON INTERSECTING STREETS  
TO BE CONSTRUCTED TO A DISTANCE OF 6'  
FROM DEXTER PROPERTY LINE UNLESS  
OTHERWISE NOTED

**TYPICAL CROSS-SECTIONS**

NO. SCALE		SHEET 3 OF 19 SHEETS	
WIDENING OF DEXTER BOULEVARD		CONTRACT NO. PW 5767-B	
MONTEREY TO CLEMENTS		A.O. 1837-B	
CITY OF DETROIT		DATE 4-30-68	
DEPARTMENT OF PUBLIC WORKS			
CITY ENGINEERS OFFICE			
APPROVED:	<i>W. O. Owens</i>		
ENGINEER OF STREETS	T. SEYMOUR		
ADMINISTRATIVE ENGINEER	<i>W. O. Owens</i>		
READ CIVIL ENGINEER	W. O. Owens		
DESIGNED BY	W. O. Owens		
DRAWN BY	T. SEYMOUR		
SEWERS APPROVED	W. O. Owens		
CHECKED BY	W. O. Owens		
REVISIONS			
DESCRIPTION	DATE	BY	APP'D



REVISIONS LOCATED BY COORDINATES ON SHEET	DESCRIPTION	DATE	BY

DESIGNED BY	APPROVED
DRAWN BY	ENGINEER OF STREETS
TRACKED BY	ADMINISTRATIVE MANAGER
CHECKED BY	HEAD CIVIL ENGINEER

DATE	BY
7/11/69	W.O.

CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE	WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS
--	--

SHEET 2 OF 19 SHEETS  
CONTRACT NO. PW 5767-B  
AO 1837-B  
DATE 4-30-68

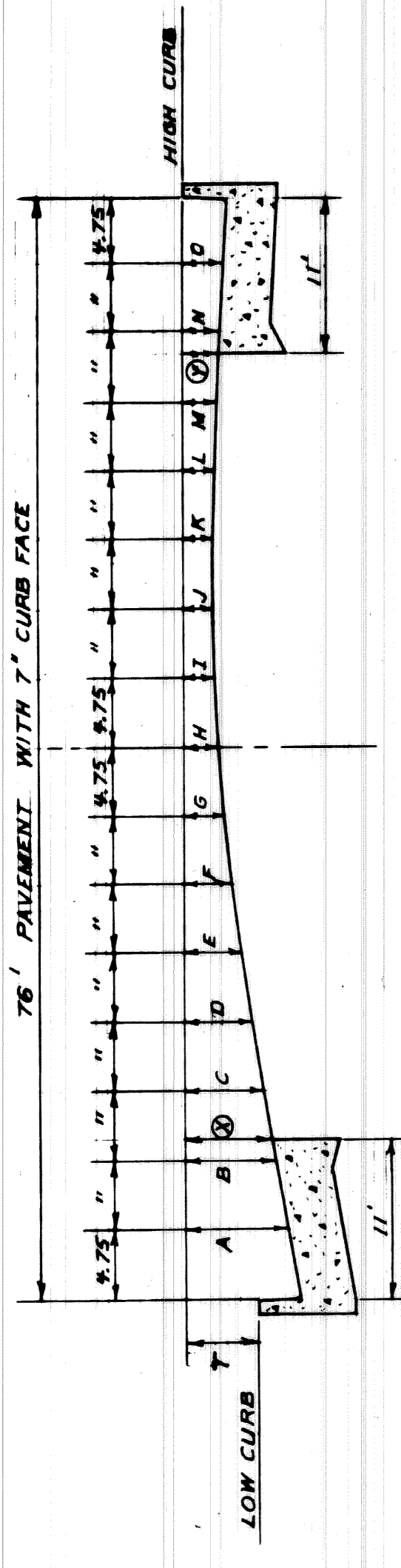
PAY UNIT	DESCRIPTION OF ITEM	QTY	UNIT PRICE	AMOUNT	QTY	UNIT PRICE	AMOUNT
SHEET 8.10	Excavation	384	5.32	2,042.88			
	Street Pavement Removal						
	Cable and Wood Posts Removal						
	Relocate Pipe Ball Fence						
	Relocate 4 ft. Chain Link Fence						
	Driver Removal						
	Sidewalk Removal						
	Fill - (Grade A)						
	Fill (22A)						
	Tree Removal 4" - 12" Dia.						
	Tree Removal 13" - 18" Dia.						
	Tree Removal 21" Dia.						
	Tree Removal 24" Dia.						
	Tree Removal 30" Dia.						
	Tree Removal 36" Dia.						
	Separate Type Curb Removal						
	Partial Curb Removal						
	Resetting Manhole - Water						
	Resetting Manhole - Sewer						
	Resetting Stop Boxes						
	Resetting Catch Basins - All Types						
	Semi-Rebuild Catch Basin						
	Manhole (Bever) - Adjustment						
	Manhole (Water) - Adjustment						
	Manhole - Reconstruct Cone						
	Manhole - Standard, New						
	Manhole - Special, Type I (Trapped)						
	Manhole - Special, Type II (NOT TRAPPED)						
	Catch Basin - New						
	Catch Basin - Abandonment						
	Catch Basin - Special Abandonment						
	Beers - 12" Extra Strength Clay Pipe or Reinforced Concrete						
	Pipe or Reinforced Concrete Pipe, C-76, IV						
	Beers - Under Pavement - 12" Extra Strength Clay Pipe or Reinforced Concrete Pipe, C-76, IV						
	Concrete Pipe, C-76, IV						
	Strength Clay Pipe or Reinforced Concrete Pipe, C-76, IV						
	Pavement Base - 9" Uniform Reinforced						
	Force						
	Pavement Base - 9" Uniform Reinforced (M.E.C.)						
	Syds.						
	Pavement Base - 10" Uniform Reinforced (M.E.C.)						
	Syds.						
	Reinforced** (M.E.C.)						
	Clean and Condition Existing Surface						
	Stripping						
	Separate Curb - Type II						
	Test Cores						
	Sidewalk 4" Standard**						
	Top Soil						
	Sodding						
	Driveways 6" Standard (M.E.C.)						
	Syds.						
	Driveways 8" Standard (M.E.C.)						
	Syds.						
	Maintaining Traffic						
	Lump Sum						
	Bond Coat in Place						
	Saved Joint (in Asphalt Surface)						
	Sheet Asphalt						
	Reinforcing Mixtures in Place						
	(All Material Aggregates)						
	Reinforcing Mixtures in Place						
	(All Size Aggregates)						
	a) Binder Course Mixture-9A						
	b) Fine Binder Course Mixture						
	c) Wearing Surface Mix 31A						

\* Included Reinforced Integral Curbs, See Std. Drawing C-943  
\*\* Construction Only  
\*\*\* No Curb

QUANTITY SHEET

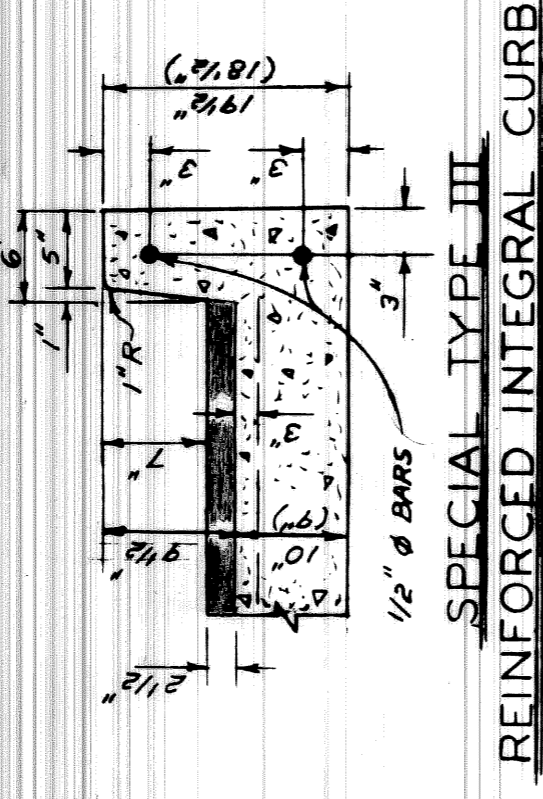


11 10 9 8 7 6 5 4 3 2 1

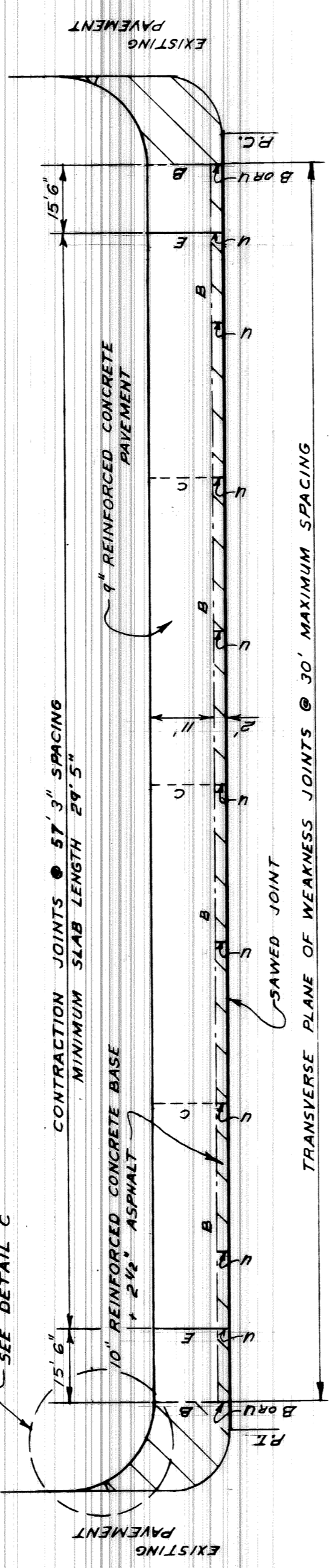


T	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	CROWN
0	.44	.32	.29	.22	.14	.07	.03	.00	-.01	-.03	-.07	-.14	-.22	-.29	-.32	.44
1	.53	.40	.36	.29	.20	.13	.08	.05	.04	.05	.07	.12	.18	.25	.31	.46
2	.62	.48	.44	.36	.26	.19	.13	.10	.09	.10	.12	.16	.21	.28	.34	.47
3	.71	.56	.52	.43	.33	.24	.19	.15	.14	.15	.17	.20	.25	.31	.36	.48
4	.81	.67	.62	.54	.43	.34	.27	.22	.19	.18	.19	.21	.25	.31	.36	.48
5	.92	.77	.72	.64	.52	.42	.35	.28	.24	.23	.24	.27	.30	.36	.41	.51
6	1.01	.85	.80	.71	.59	.49	.40	.34	.29	.26	.25	.26	.29	.34	.38	.48
7	1.11	.95	.90	.80	.68	.57	.47	.40	.34	.30	.27	.26	.28	.31	.36	.47
8	1.20	1.04	.99	.89	.76	.65	.54	.46	.39	.34	.30	.28	.27	.29	.32	.44
9	1.30	1.12	1.07	.97	.83	.71	.60	.51	.44	.38	.34	.32	.31	.33	.36	.48
1.0	1.39	1.21	1.15	1.04	.90	.77	.66	.57	.49	.43	.39	.36	.35	.37	.39	.49

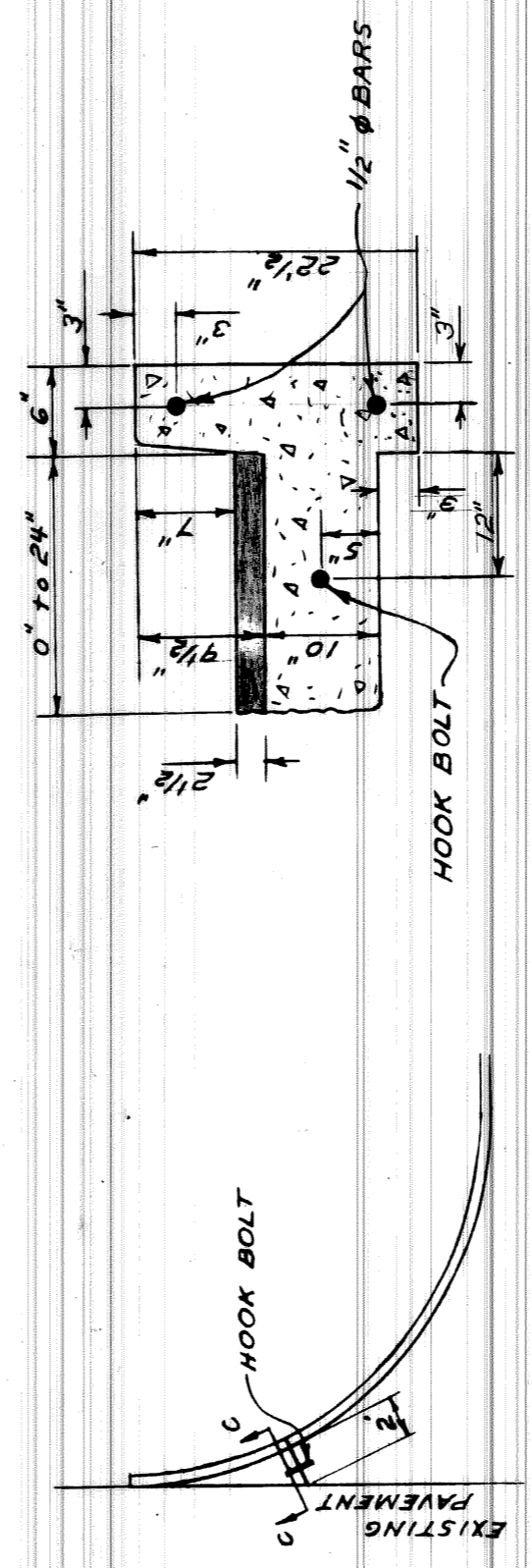
ELEMENTS OF ROADWAY SECTION



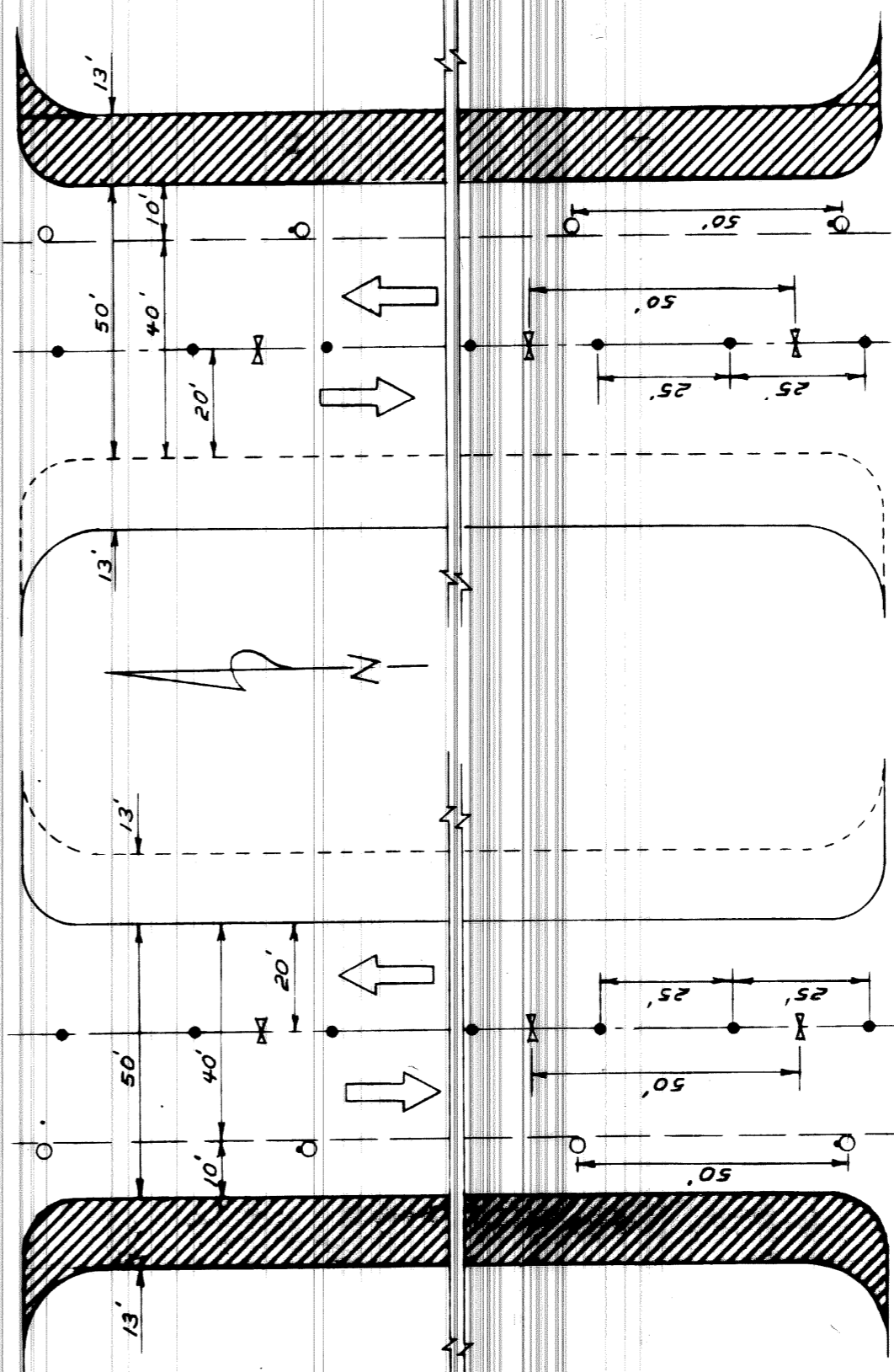
SPECIAL TYPE III REINFORCED INTEGRAL CURB



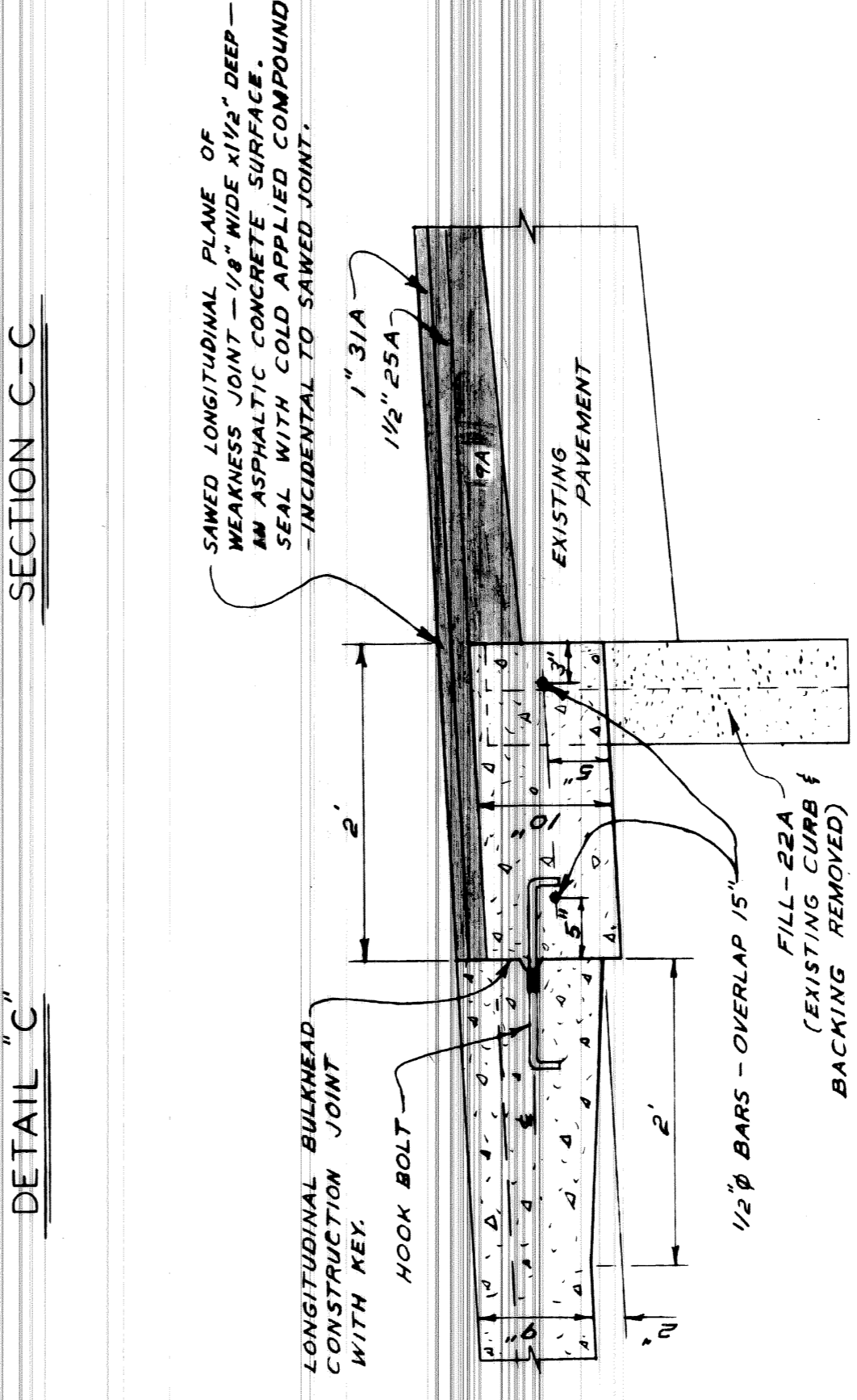
TYPICAL JOINT LAYOUT FOR DEXTER



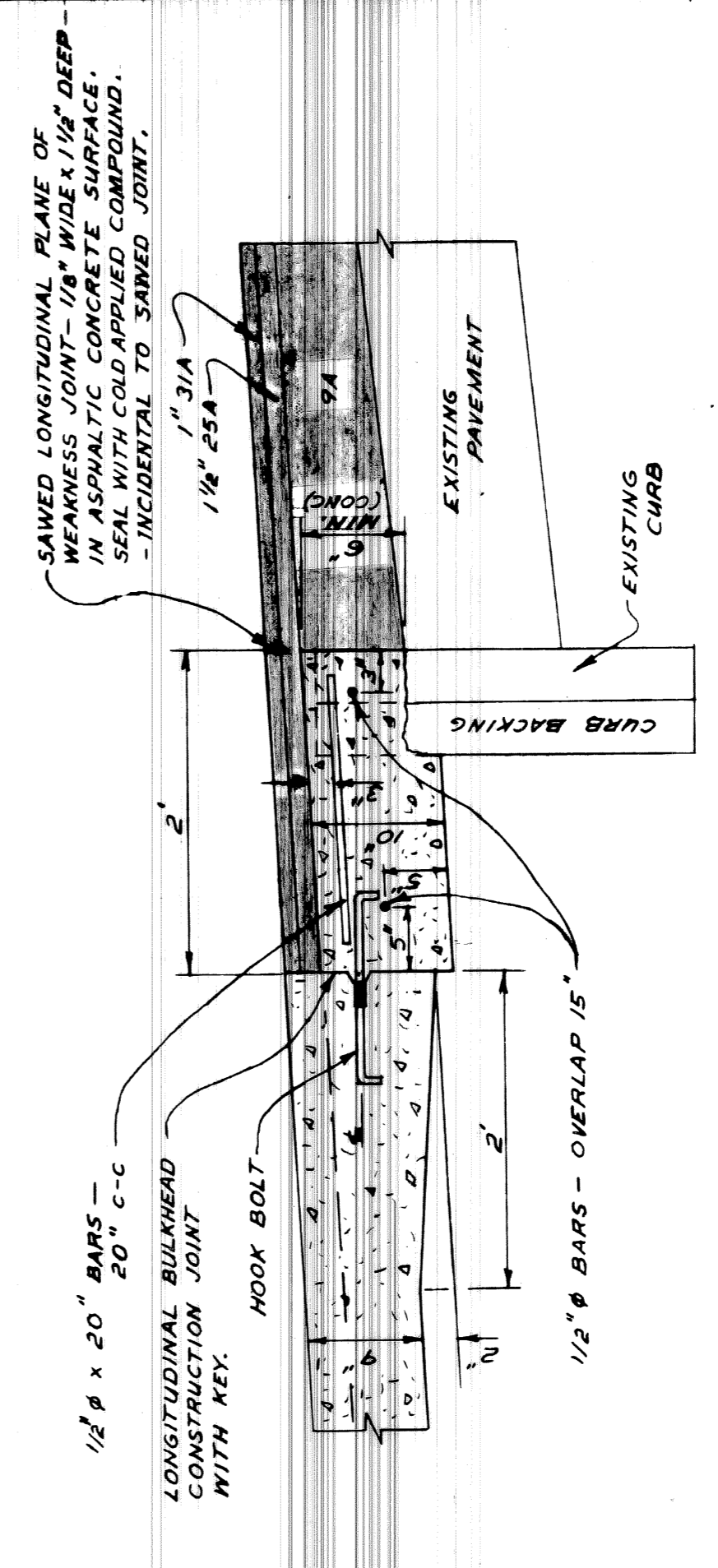
DETAIL 'C'



STAGE I MONTEREY



STAGE II MONTEREY



PARTIAL CURB REMOVAL (NOT IN THIS CONTRACT)

- 55 GAL. DRUM BARREL WITH FLASHER
- 55 GAL. DRUM BARREL
- 24" HIGH TRAFFIC BARRICADE
- SMALL METAL BARRICADE WITH FLASHER
- ▨ AREA UNDER CONSTRUCTION

STAGE I MONTEREY

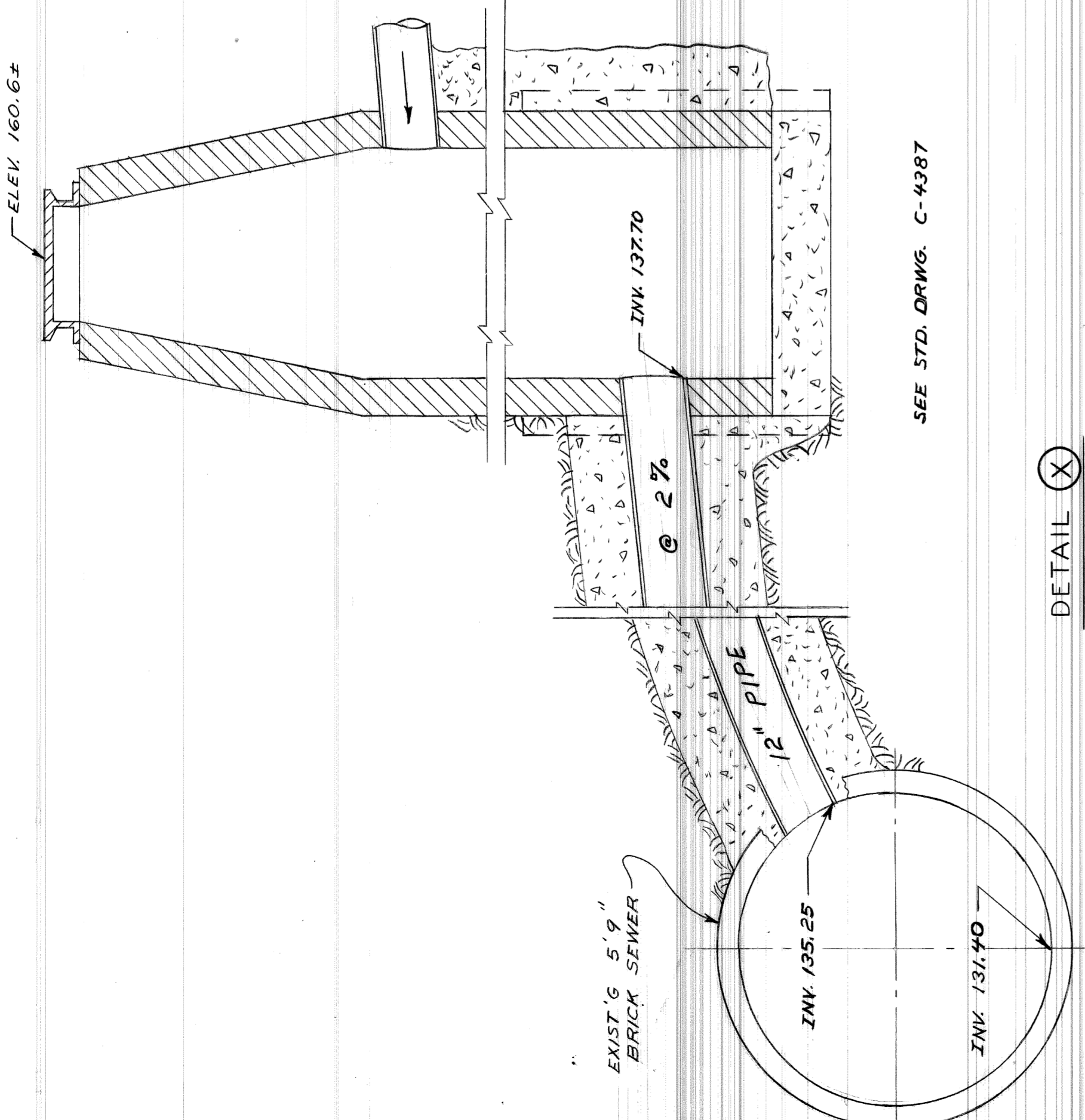
STAGE II MONTEREY

NO SCALE

<p>DESIGNED BY: W. OWENS</p> <p>DRAWN BY: T. SEYMOUR</p> <p>SEWERS APPROVED: [Signature]</p> <p>CHECKED BY: W. O. [Signature]</p>		<p>APPROVED: [Signature]</p> <p>ENGINEER OF STREETS</p> <p>ADMINISTRATIVE ENGINEER</p> <p>HEAD CIVIL ENGINEER</p>	
<p>REFERENCE DRAWING</p>		<p>CONTRACT No. PW 5767-B</p> <p>A.O. 1837-B</p> <p>DATE 4-30-68</p>	
<p>DESCRIPTION REVISIONS</p>		<p>CONSTRUCTION STAGES &amp; PAVEMENT DETAILS</p>	
<p>WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS</p>		<p>CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE</p>	

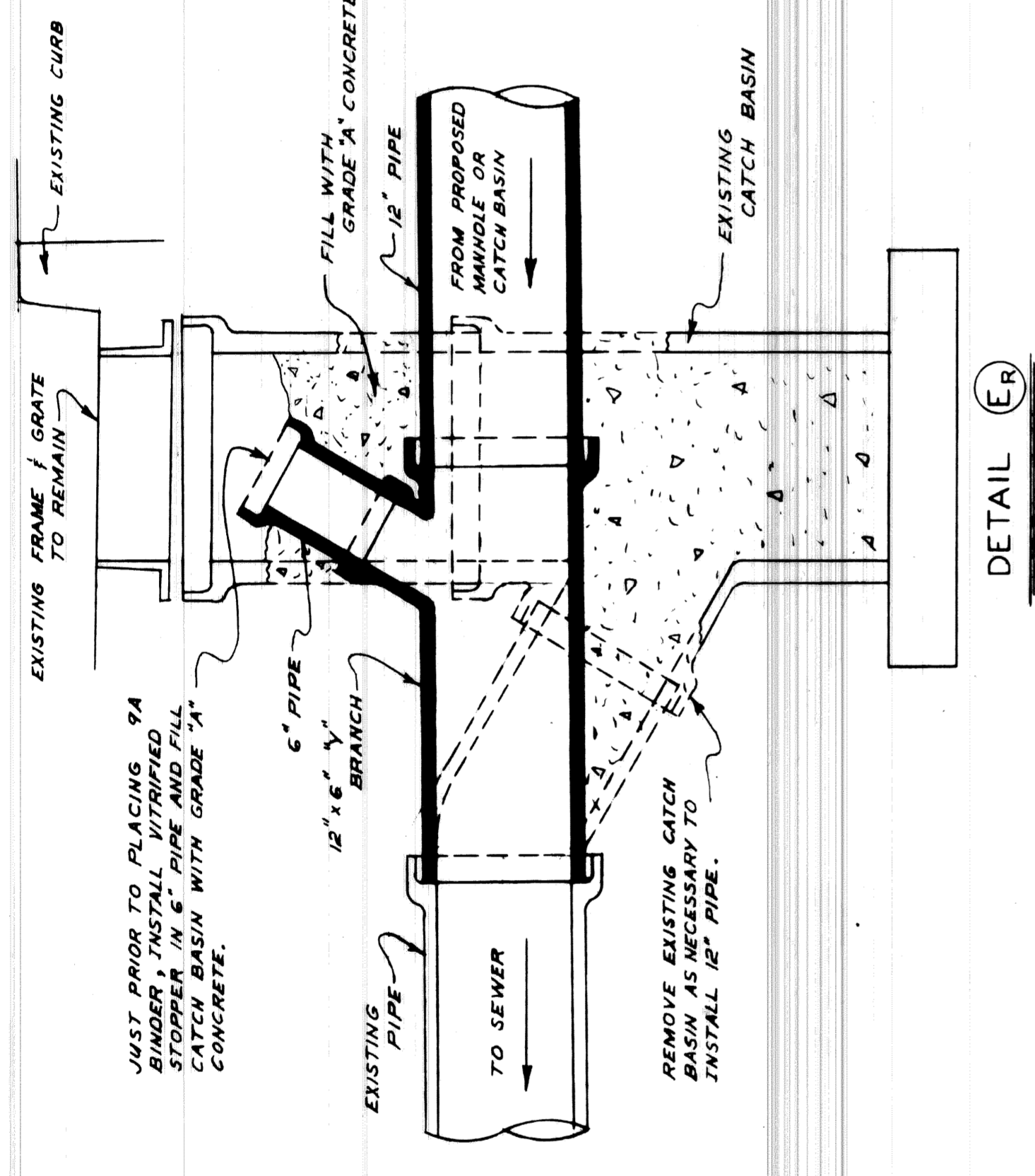
A.C.C. 4-1-69



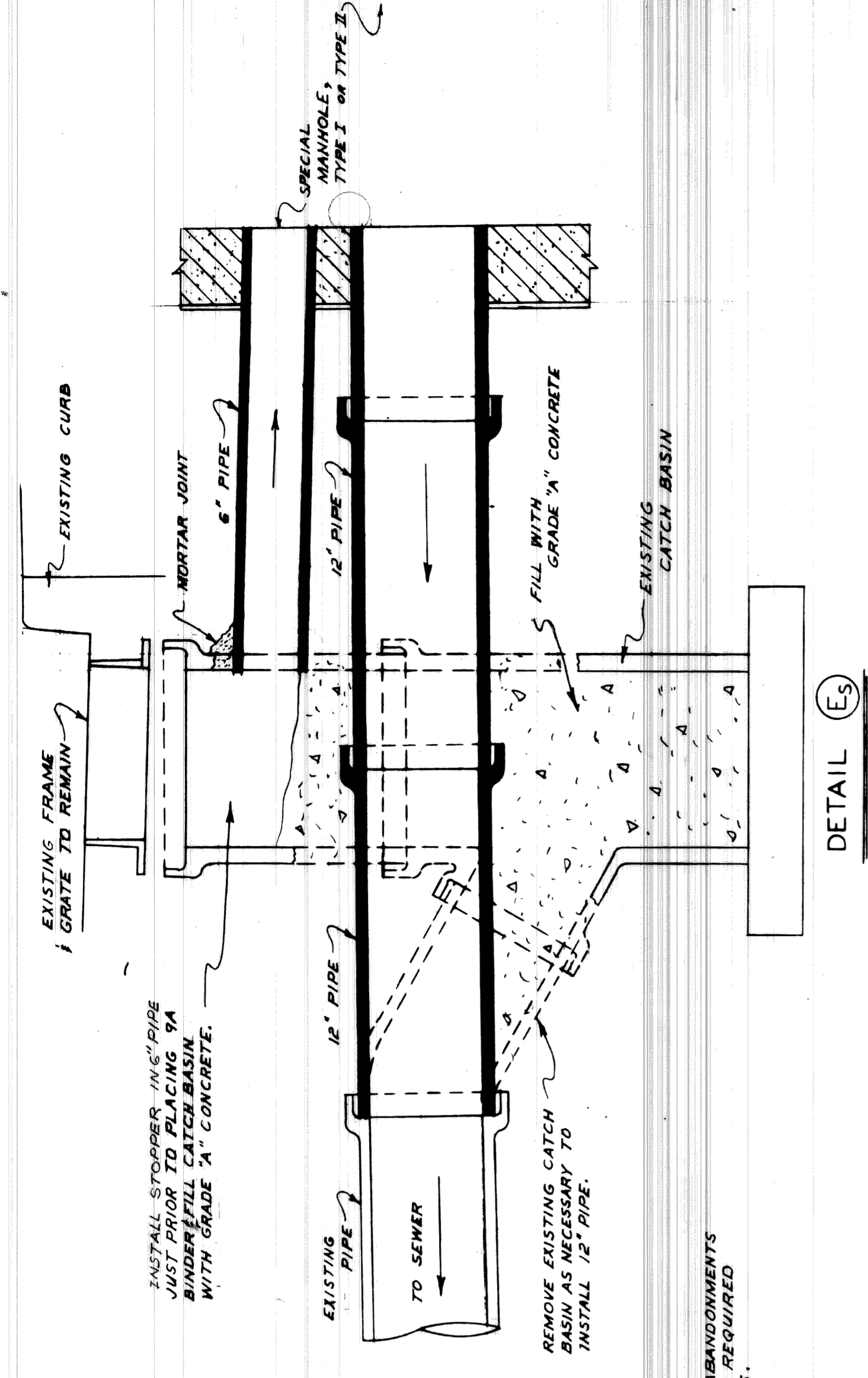


DETAIL X  
DROP MANHOLE

SEE STD. DRWG. C-4387



DETAIL ER



DETAIL ES

SPECIAL CATCH BASIN ABANDONMENTS

NOTE:  
12" SEWER PIPE WILL BE PAID FOR  
IN LINEAL FEET. 6" SEWER PIPE  
IS INCIDENTAL TO SPECIAL ABANDONMENTS.

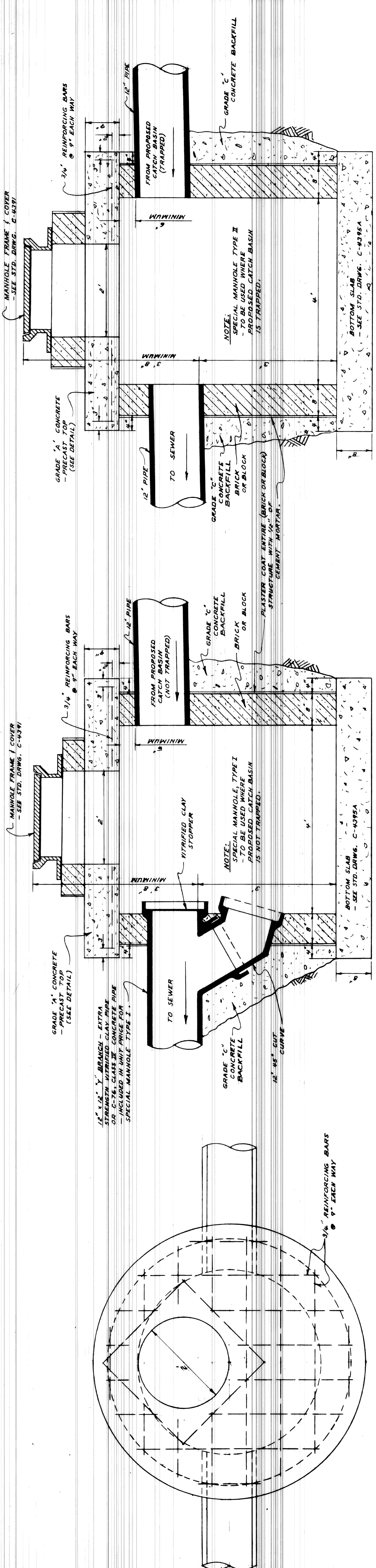
NOTE:  
SPECIAL CATCH BASIN ABANDONMENTS  
MAY BE MODIFIED AS REQUIRED  
BY FIELD CONDITIONS.

INSTALL STOPPER IN 6" PIPE  
JUST PRIOR TO PLACING 9A  
BINDER FILL CATCH BASIN  
WITH GRADE 'A' CONCRETE.

REMOVE EXISTING CATCH  
BASIN AS NECESSARY TO  
INSTALL 12" PIPE.

JUST PRIOR TO PLACING 9A  
BINDER, INSTALL VITRIFIED  
STOPPER IN 6" PIPE AND FILL  
CATCH BASIN WITH GRADE 'A'  
CONCRETE.

REMOVE EXISTING CATCH  
BASIN AS NECESSARY TO  
INSTALL 12" PIPE.



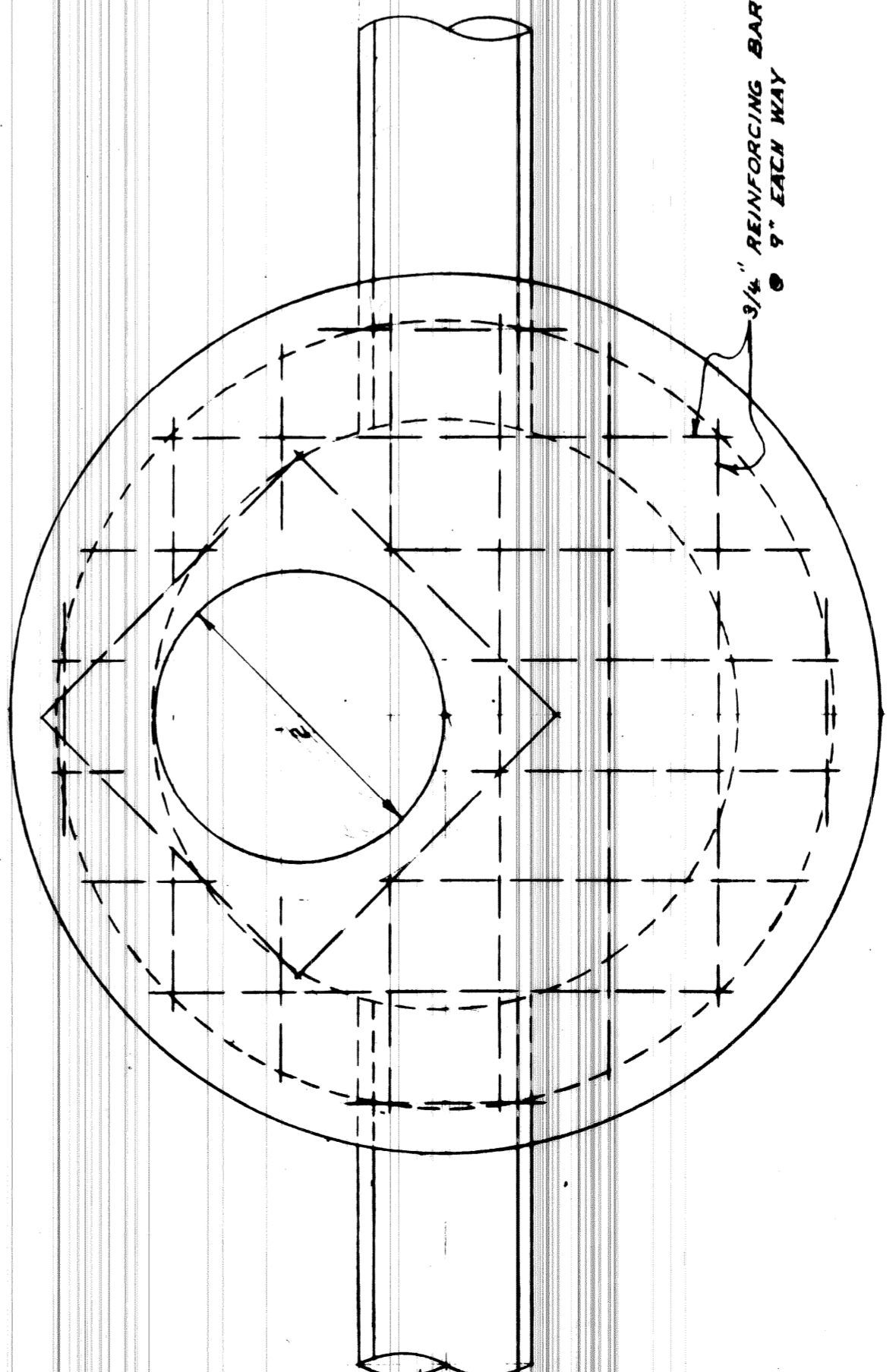
DETAIL DY

DETAIL DX

SPECIAL MANHOLE, TYPE II (NOT TRAPPED)

SPECIAL MANHOLE, TYPE I (TRAPPED)

SPECIAL MANHOLE DETAILS



DETAIL OF PRECAST TOP

NO. SCALE		SHEET 5 OF 19 SHEETS	
CONTRACT No. P.W.5767-B		A.O. 1837-B	
DATE 4-30-68		WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS	
CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE		DRAINAGE STRUCTURE DETAILS	
DESIGNED BY W. O'NEALS	APPROVED J. Eichen ENGINEER OF STREETS	 HEAD CIVIL ENGINEER	
DRAWN BY T. SETYMOUR	W.A. Rasmussen		
SEWERS APPROVED	ADMINISTRATIVE ENGINEER		
CHECKED BY W.D. Mansueti	HEAD CIVIL ENGINEER		
REVISIONS	DESCRIPTION	DATE	BY
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			

A.C.C. 4-1-68



**REMOVAL LEGEND**

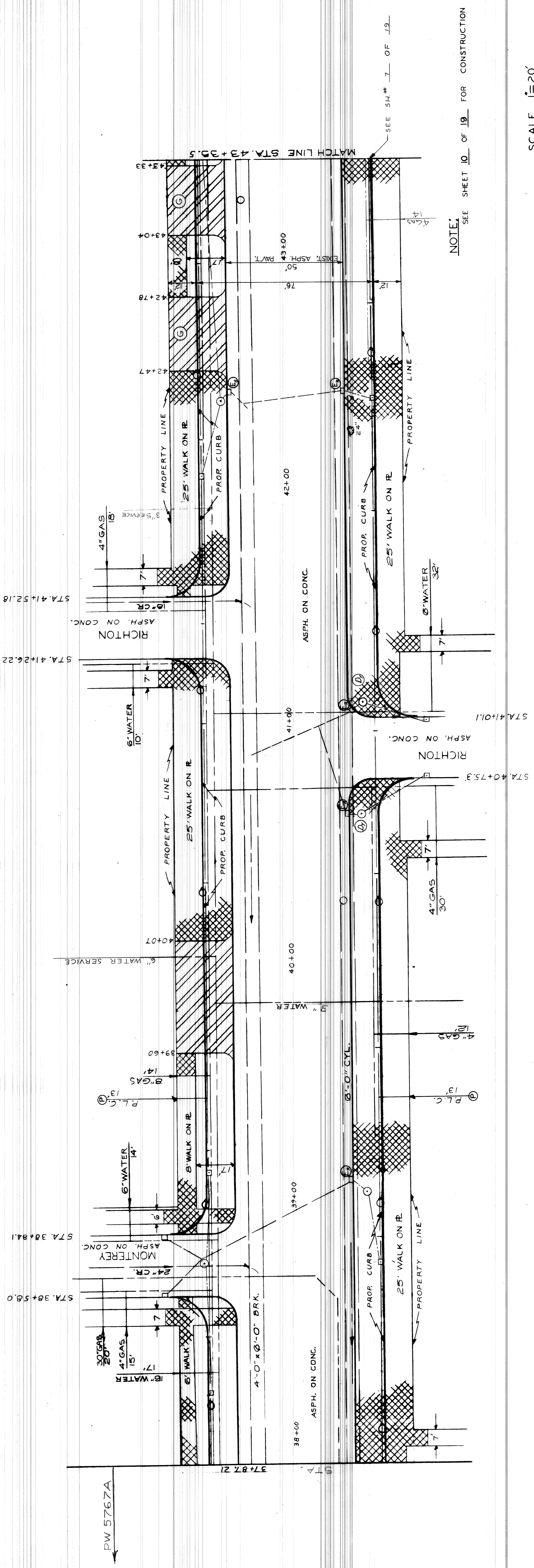
- ⊕ MAINTAIN FULL WIDTH OF DRIVEWAY FOR USE AT ALL TIMES
- ⊖ MAINTAIN ONE-HALF OF DRIVEWAY FOR USE AT ALL TIMES
- ▨ STREET PAVEMENT REMOVAL (INCL. CURB)
- ▩ WALK REMOVAL
- ▧ DRIVE REMOVAL
- ▦ SEPARATE CURB REMOVAL
- ▤ PARTIAL CURB REMOVAL (NOT ON THIS CONTRACT)
- TRAFFIC SIGNAL CONTROL BOX
- ② P.L.C. HANDHOLE
- ⊙ EXISTING P.L.C. CONDUIT TO BE ABANDONED BY OTHERS PRIOR TO CONSTRUCTION

**CONTRACTORS NOTE:**

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

**NOTE:**  
FOR SYMBOLS (A) & (E) SPECIAL CATCH BASIN ABANDONMENT SEE DETAIL SHEET S. OF 19  
FOR SYMBOLS (C) & (F) SEE STANDARD DETAIL DRAWING C-902A & C-437B

ALL SIDEWALKS ON INTERSECTING STREETS TO BE REMOVED TO A DISTANCE OF 6' FROM DEXTER PROPERTY LINE UNLESS OTHERWISE NOTED.



NOTE: SEE SHEET 10 OF 19 FOR CONSTRUCTION

SCALE 1"=20'

WIDENING OF DEXTER BOULEVARD  
MONTEREY TO CLEMENTS  
UTILITY AND REMOVAL  
STA. 37+87.21 TO STA. 43+35.5

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE

SHEET 6 OF 19 SHEETS  
CONTRACT NO. PW 5767-B  
A.O. 1837-B  
DATE 4-30-68

APPROVED: *J. Erickson*  
ENGINEER OF STREETS

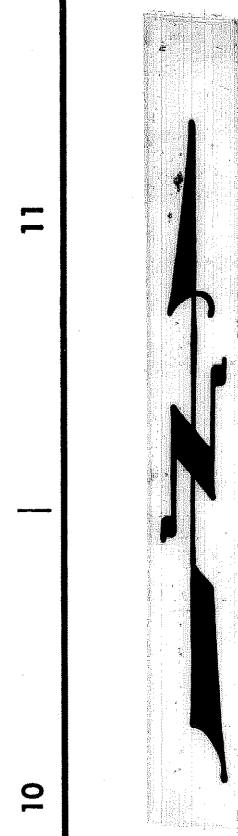
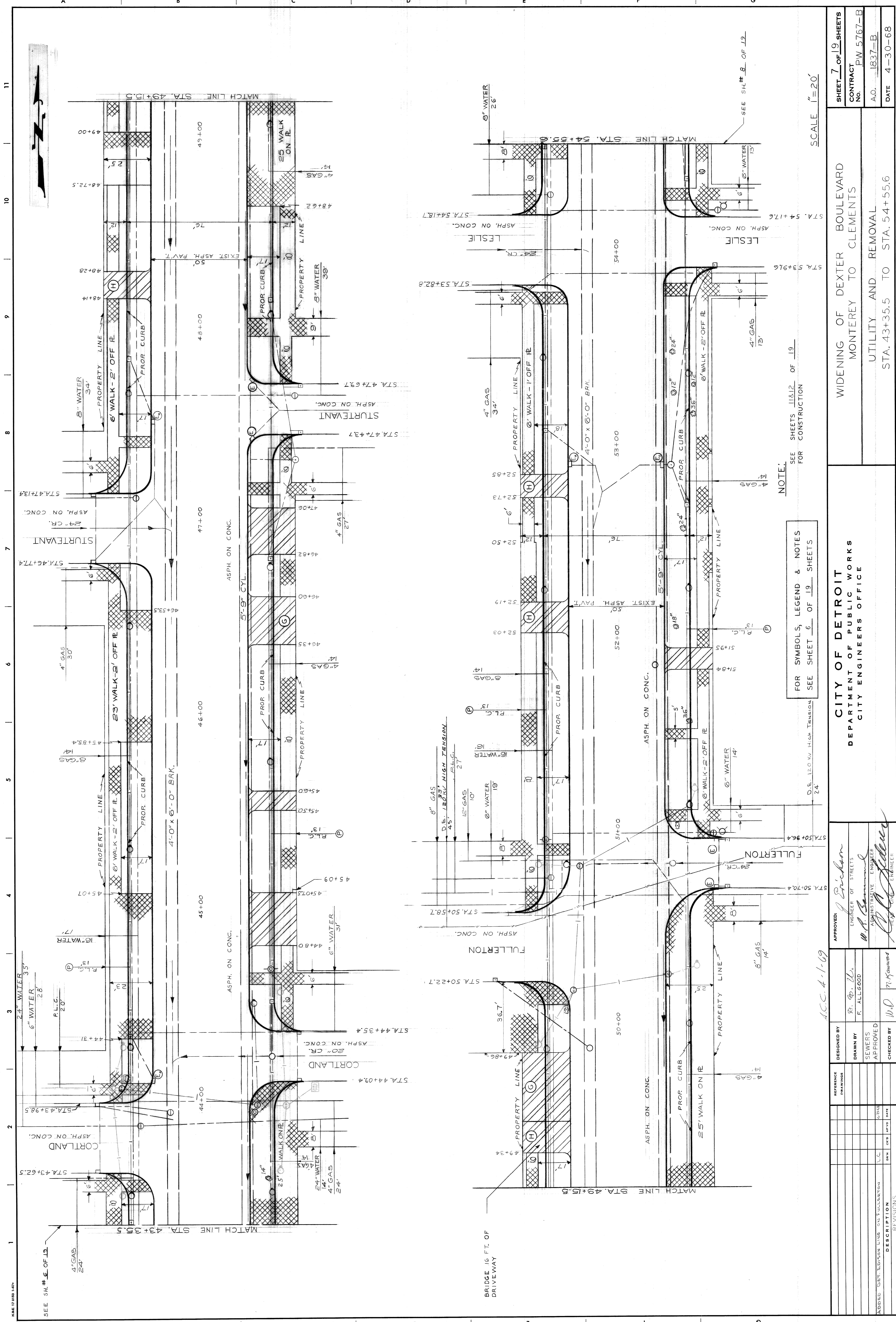
DESIGNED BY: *P. E. W.*  
DRAWN BY: *W. P. Remond*  
SEWERS: *W. P. Remond*  
APPROVED: *W. P. Remond*  
CHECKED BY: *W. P. Remond*

A.C.C. 4-1-69

NO.	DATE	DESCRIPTION	BY
1		4" GAS LINE ADDED E-SIDE DEXTER	L.C.
REVISIONS			



SEE SH. # 6 OF 13.



NOTE:  
FOR SYMBOLS, LEGEND & NOTES  
SEE SHEET 11 & 12 OF 19  
FOR CONSTRUCTION  
SEE SHEET 6 OF 19 SHEETS

SCALE 1"=20'

NO.	DATE	DESCRIPTION

DESIGNED BY	
DRAWN BY	R. P. U.
SEWERS APPROVED	F. ALLGOOD
CHECKED BY	W.D. 7/15/68

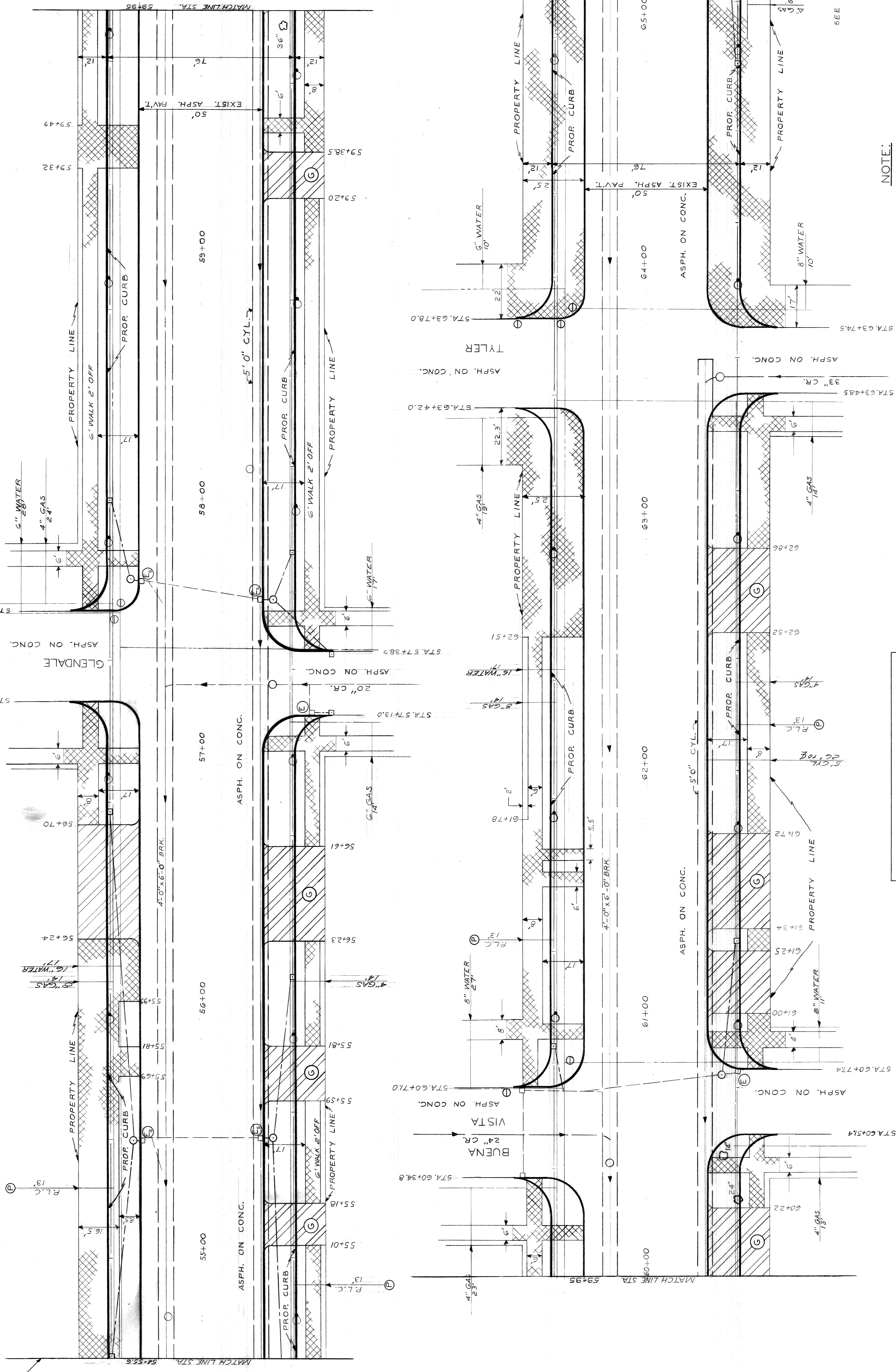
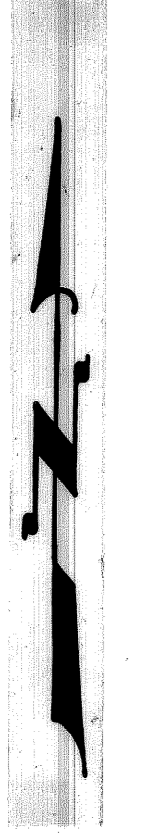
APPROVED: *J. Erickson*  
ENGINEER OF STREETS  
*W.P. Samuel*  
ADMINISTRATIVE ENGINEER  
*R.D. Hillier*  
REGISTERED CIVIL ENGINEER

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE

WIDENING OF DEXTER BOULEVARD  
MONTEREY TO CLEMENTS  
UTILITY AND REMOVAL  
STA. 43+35.5 TO STA. 54+55.6

SHEET	7 OF 19 SHEETS
CONTRACT	PW 5767-B
A.O.	1837-B
DATE	4-30-68





FOR SYMBOLS, LEGEND & NOTES  
SEE SHEET 6 OF 19 SHEETS

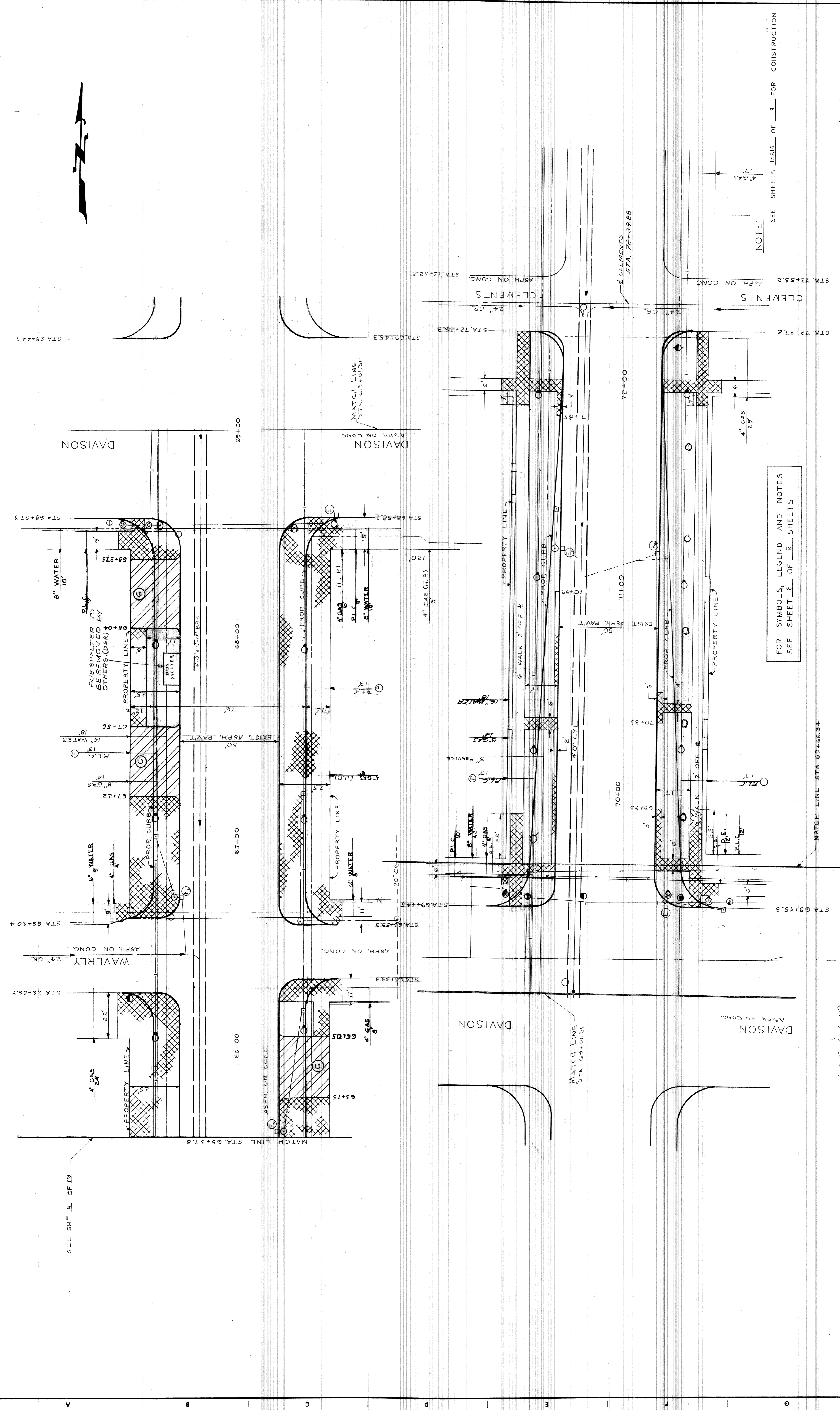
NOTE: SEE SHEETS 13 & 14 OF 19 FOR CONSTRUCTION

SCALE 1" = 20'

SHEET 8 OF 19 SHEETS		CONTRACT NO. PW 5767-B		A.C. 1837-B		DATE 4-30-68	
CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE				WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS UTILITY AND REMOVAL STA. 54+55.6 TO STA. 65+57.8			
DESIGNED BY	F. ALLGOOD	APPROVED:	<i>J. Brichon</i> ENGINEER OF STREETS	REFERENCE DRAWINGS			
DRAWN BY	SEWERS APPROVED	ADMINISTRATIVE ENGINEER	<i>W. H. Bannard</i>	4" GAS LINE ADDED E. SIDE DEXTER	LC	BKH	
CHECKED BY	W. D. M. GARDNER	HEAD CIVIL ENGINEER	<i>W. D. M. Gardner</i>	DESCRIPTION			
				REVISIONS			

A.C.C. 41-69





FOR SYMBOLS, LEGEND AND NOTES  
SEE SHEET 6 OF 19 SHEETS

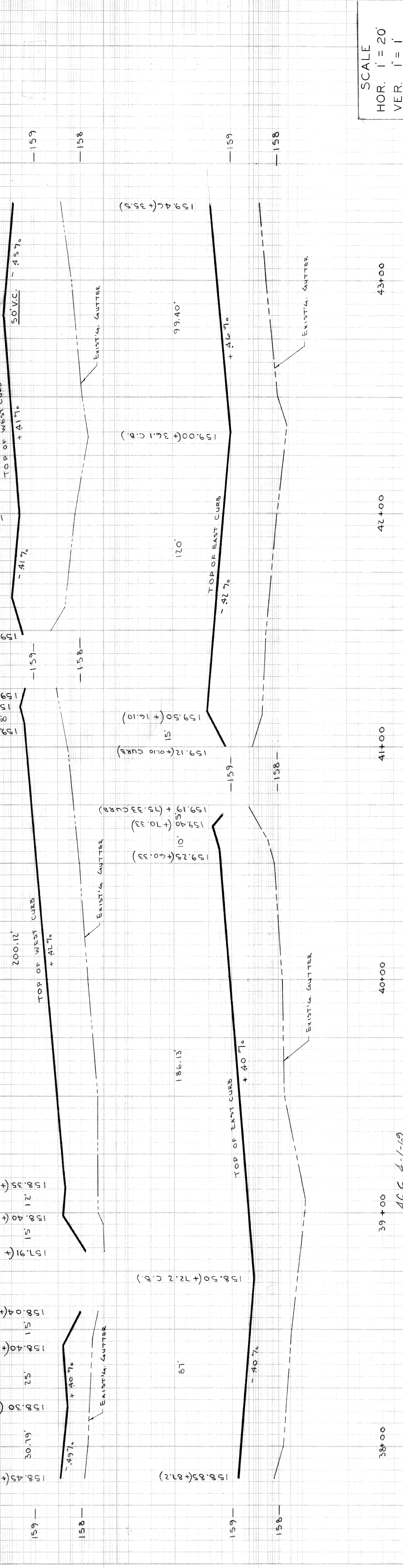
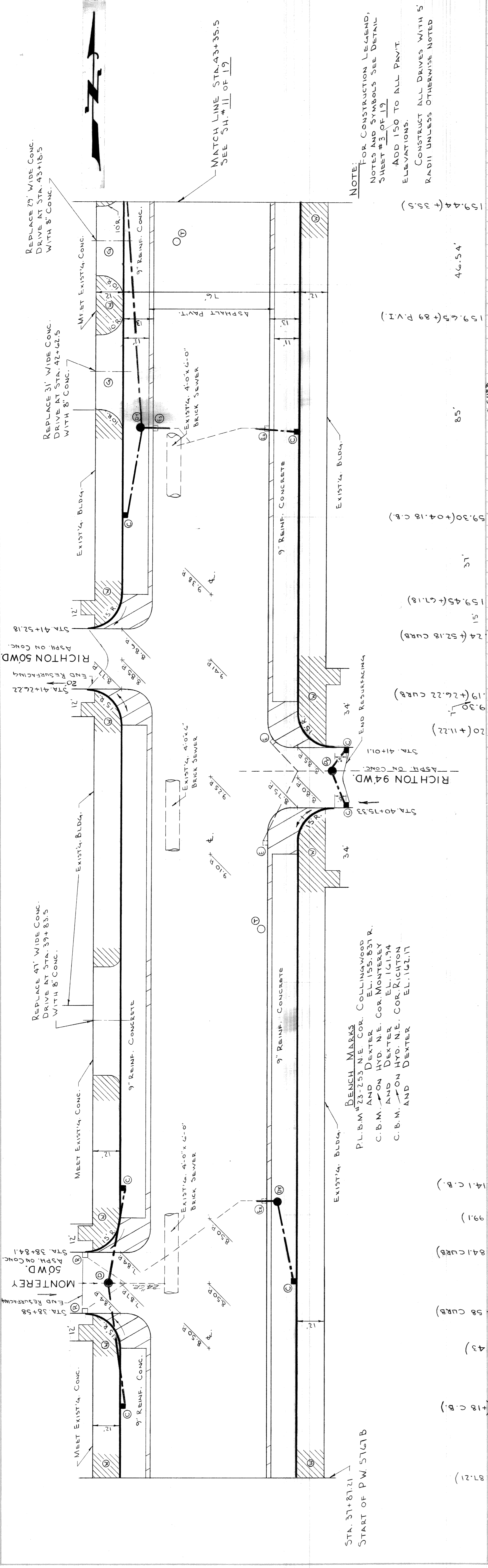
NOTE: SEE SHEETS 15&16 OF 19 FOR CONSTRUCTION

ACC. 4-1-69

DESIGNED BY	DESIGNED BY	APPROVED:	CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE	WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS UTILITY AND REMOVAL STA. 65+57.8 TO STA. 72+39.88	SCALE: 1"=20'	SHEET 9 OF 19 SHEETS
DRAWN BY	DRAWN BY	ENGINEER OF STREETS				
APPROVED	APPROVED	ADMINISTRATIVE ENGINEER	STA. 65+57.3	STA. 66+04.4	STA. 67+00.0	STA. 68+57.3
CHECKED BY	CHECKED BY	HEAD CIVIL ENGINEER				

CONTRACT NO.	FW 5767-B
A.O. NO.	1837-B
DATE	4-30-68





NOTE: FOR CONSTRUCTION LEGEND, NOTES AND SYMBOLS SEE DETAIL SHEET #3 OF 19.  
 ADD 150 TO ALL PAVT. ELEVATIONS.  
 CONSTRUCT ALL DRIVES WITH 5' RADII UNLESS OTHERWISE NOTED

BENCH MARKS  
 P.L.B.M. #23-253 N.E. COR. COLLINGWOOD AND DEXTER  
 E.L. 155.831 R.  
 C.B.M. # ON HYD. N.E. COR. MONTEREY AND DEXTER E.L. 121.94  
 C.B.M. # ON HYD. N.E. COR. RICHTON AND DEXTER E.L. 162.17

SCALE  
 HOR. 1" = 20'  
 VER. 1" = 1'

SHEET 10 OF 19 SHEETS  
 CONTRACT No. PW 5767-B  
 A.O. 1837-B  
 DATE 4-30-68

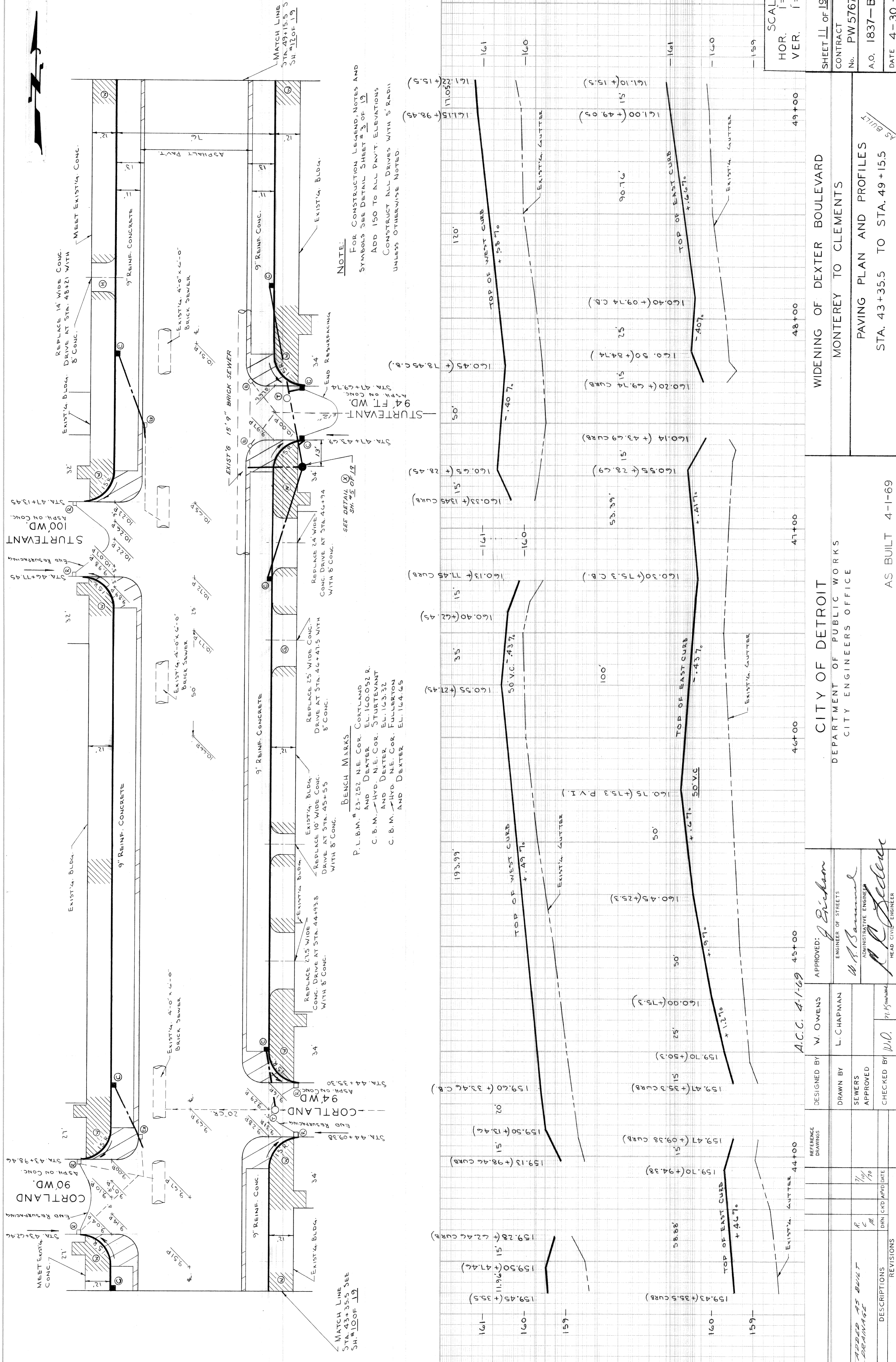
WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS  
 PAVING PLAN AND PROFILES  
 STA. 37+87.2 TO STA. 43+35.5

CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

DESIGNED BY	W. OWENS	APPROVED:	<i>J. Eiden</i> ENGINEER OF STREETS
DRAWN BY	L. CHAPMAN	SEWER APPROVED	<i>W. H. Edwards</i> ADMINISTRATIVE ENGINEER
CHECKED BY	W. D. McManus	HEAD ENGINEER	<i>A. L. Sellers</i> HEAD ENGINEER
DESCRIPTIONS	ADDED AS BUILT DRAINAGE	DATE	7/1/68
REVISIONS		DATE	

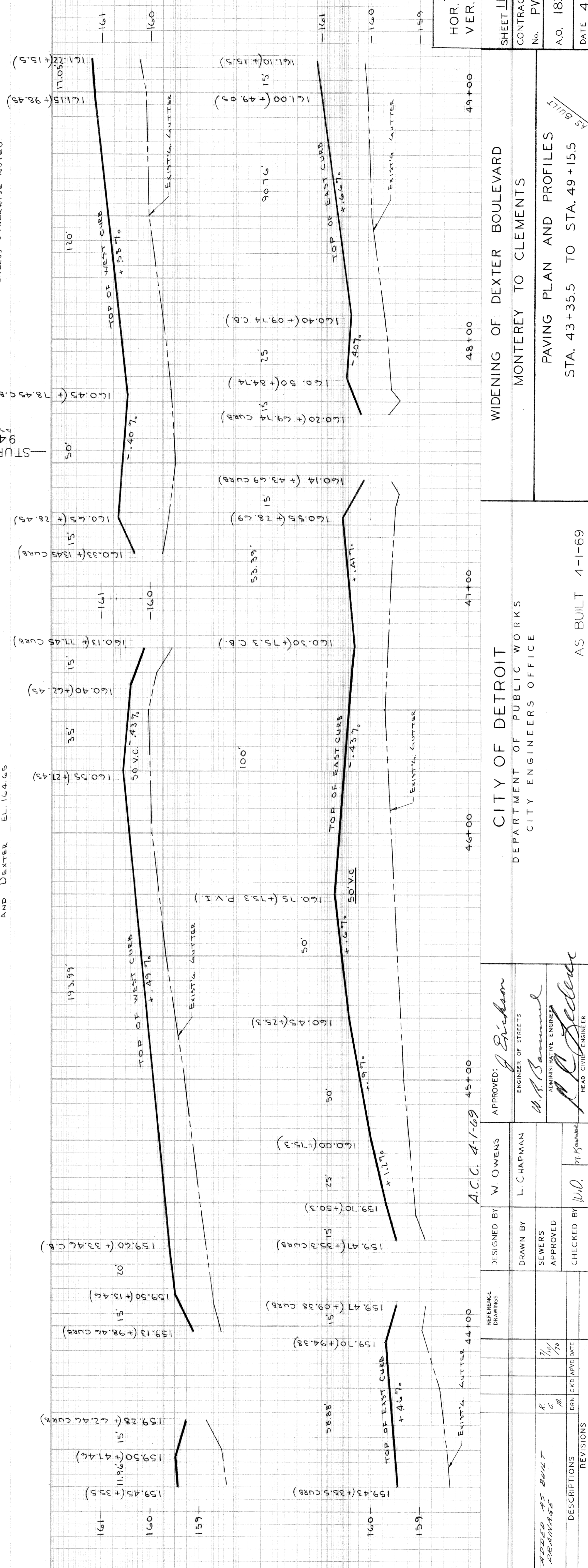
AS BUILT 4-1-69





**NOTE:**  
 FOR CONSTRUCTION LEGEND, NOTES AND SYMBOLS SEE DETAIL SHEET # 3 OF 19  
 ADD 150 TO ALL PAVT. ELEVATIONS  
 CONSTRUCT ALL DRIVES WITH 5' RADII UNLESS OTHERWISE NOTED

**BENCH MARKS**  
 P.L.B.M. # 23-252 N.E. COR. CORTLAND AND DEXTER E.L. 160.052 R.  
 C.B.M. # 44-111 N.E. COR. STURTEVANT AND DEXTER E.L. 163.32  
 C.B.M. # 44-112 N.E. COR. FULLERTON AND DEXTER E.L. 164.65



SCALE  
 HOR. 1" = 20'  
 VER. 1" = 1'

SHEET 11 OF 19 SHEETS  
 CONTRACT No. PW 5767-B  
 A.O. 1837-B  
 DATE 4-30-68

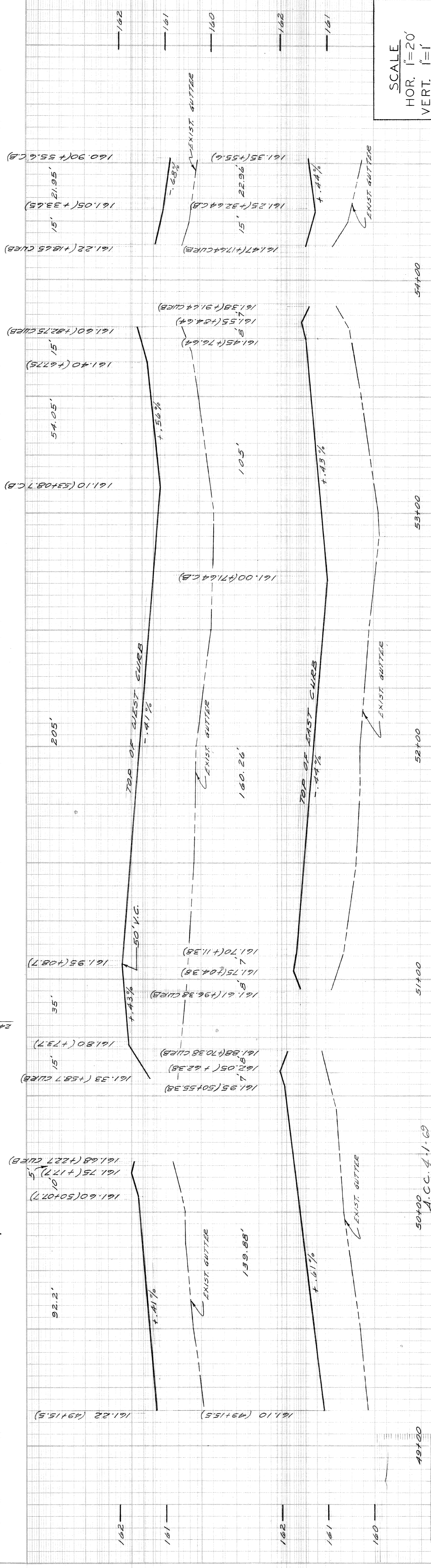
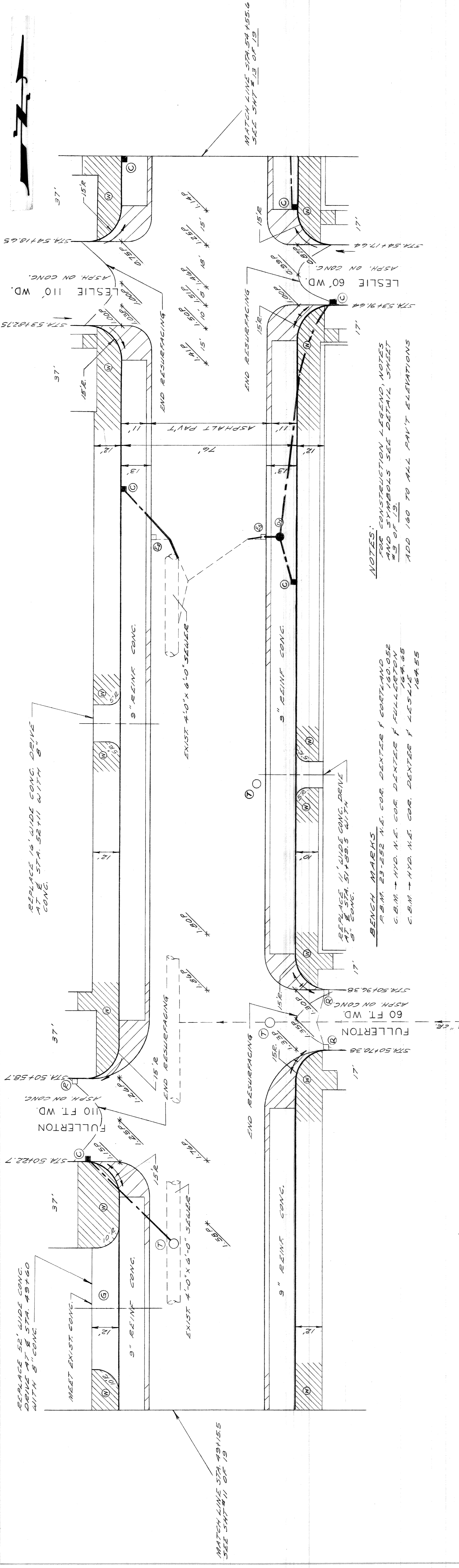
WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS  
 PAVING PLAN AND PROFILES  
 STA. 43+35.5 TO STA. 49+15.5

CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

AS BUILT 4-1-69

DESIGNER	DESIGNED BY	APPROVED:	REFERENCE DRAWINGS	DESCRIPTIONS	REVISIONS
W. OWENS	W. OWENS	<i>J. Graham</i> ENGINEER OF STREETS	A.C.C. 4-1-69 45+00		
L. C. HAPMAN	L. C. HAPMAN	<i>W. P. Samuel</i> ADMINISTRATIVE ENGINEER			
SEWERS APPROVED		<i>P. C. Selander</i> HEAD CIVIL ENGINEER			
CHECKED BY	W. O.				





NOTES:  
 FOR CONSTRUCTION LEGEND, NOTES  
 AND SYMBOLS SEE DETAIL SHEET  
 #3 OF 13  
 ADD 160 TO ALL PAVT ELEVATIONS

BENCH MARKS  
 P.B.M. 23-252 N.E. COR. DEXTER & GORTLAND 160.052  
 C.B.M. - HYD. N.E. COR. DEXTER & FULLERTON 161.485  
 C.B.M. - HYD. N.E. COR. DEXTER & LESLIE 161.855  
 161.855

REPLACE 16" WIDE CONC. DRIVE  
 AT STA. 52+11 WITH 8"  
 CONC.

REPLACE 16" WIDE CONC. DRIVE  
 AT STA. 51+03.5 WITH  
 8" CONC.

MATCH LINE STA 49+15.5  
 SEE SHEET 11 OF 13

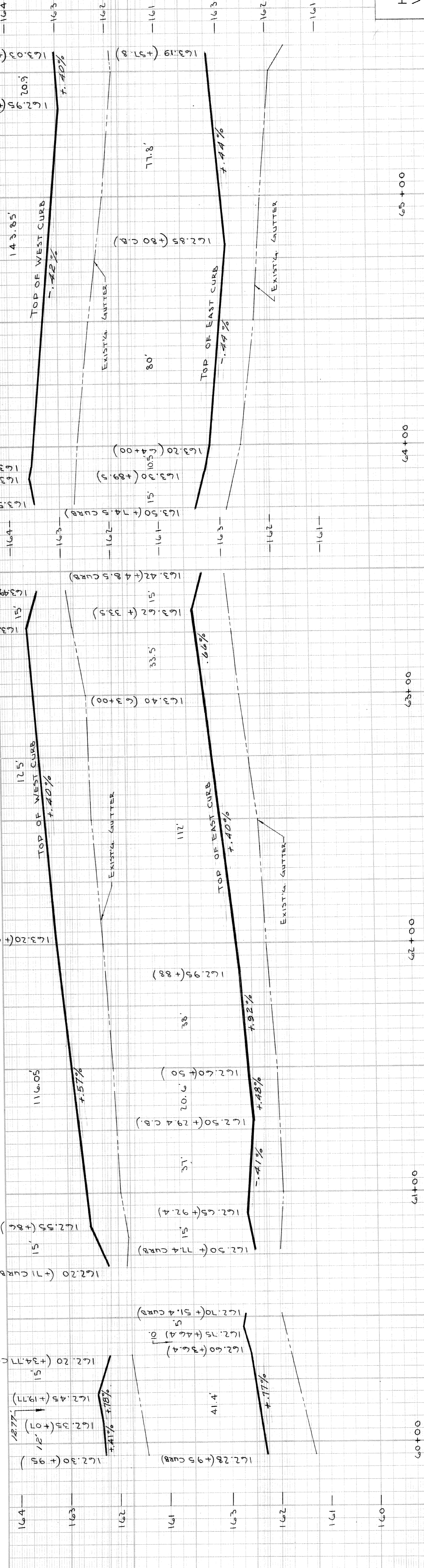
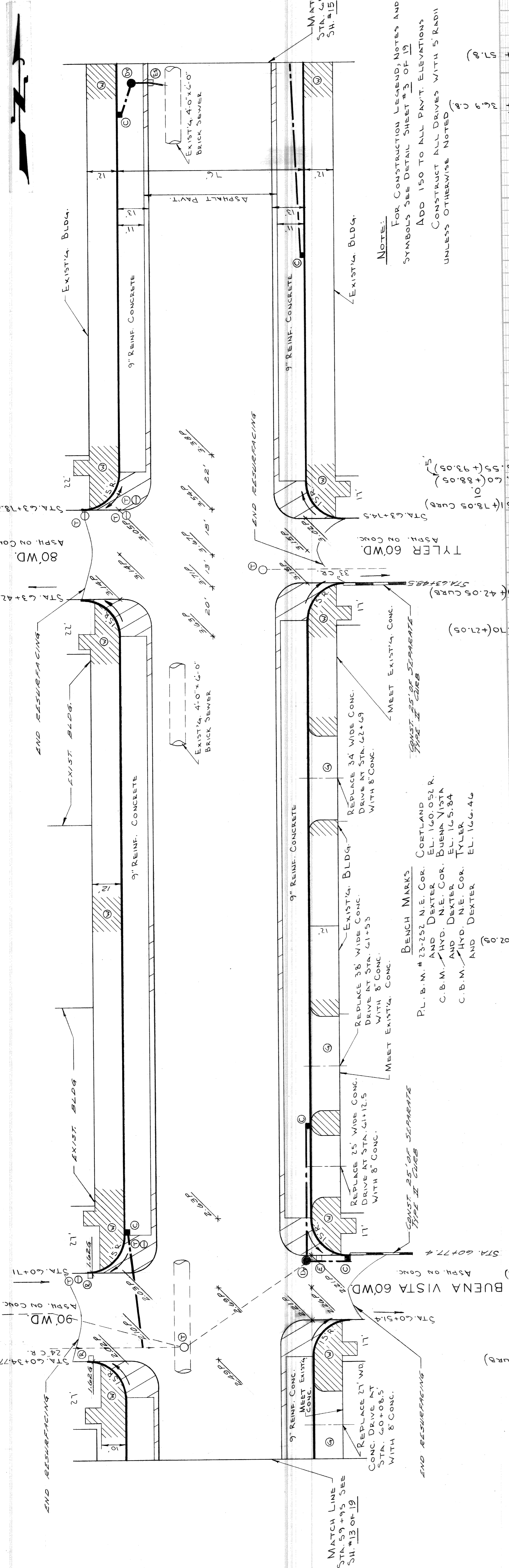
MATCH LINE STA 54+55.6  
 SEE SHEET 13 OF 13

DESIGNED BY W. OWENS	DRAWN BY E. C. MCGREGOR	SEWERS APPROVED W.D. McManus	CHECKED BY W.D. McManus	APPROVED: J. P. ... ENGINEER OF STREETS	WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS	SCALE HOR. 1"=20' VERT. 1"=1'
						SHEET 12 OF 19 SHEETS
CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE					CONTRACT No. PW 5767-B	AS BUILT
AS BUILT 4-1-69					PAVING PLAN AND PROFILES STA. 49+15.5 TO STA. 54+55.6	









**NOTE:**  
 FOR CONSTRUCTION LEGEND, NOTES AND SYMBOLS SEE DETAIL SHEET #3 OF 19  
 ADD 150 TO ALL PAVT. ELEVATIONS  
 CONSTRUCT ALL DRIVES WITH 5" RADII  
 UNLESS OTHERWISE NOTED

**BENCH MARKS**  
 P.L.B.M. # 23-252 N.E. COR. CORTLAND AND DEXTER EL. 160.052 R.  
 C.B.M. HYD. N.E. COR. BUENA VISTA AND DEXTER EL. 165.84  
 C.B.M. HYD. N.E. COR. TYLER AND DEXTER EL. 166.46

**TYLER 60' W.D.**  
 STA. 63+74.5  
 ASPH. ON CONC.  
 80' W.D.  
 STA. 63+18.05  
 ASPH. ON CONC.

**BUENA VISTA 60' W.D.**  
 STA. 60+77.4  
 ASPH. ON CONC.  
 90' W.D.  
 STA. 60+34.77  
 ASPH. ON CONC.

SCALE  
 HOR. 1" = 20'  
 VER. 1" = 1'

SHEET 14 OF 19 SHEETS  
 CONTRACT No. PW 5767-B  
 A.O. 1837-B  
 DATE 4-30-68

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS  
 PAVING PLAN AND PROFILES  
 STA. 59+95 TO STA. 65+57.8

CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

APPROVED: *J. Erickson*  
 ENGINEER OF STREETS  
 DRAWN BY: L. CHAPMAN  
 SEWERS APPROVED: *W. L. Hammond*  
 ADMINISTRATIVE ENGINEER  
 CHECKED BY: *W. D. Hammond*  
 LEAD CIVIL ENGINEER

REVISIONS	DESCRIPTIONS	DATE	BY
1	ADDED AS BUILT DRAINAGE	1/19/70	W. L. Hammond

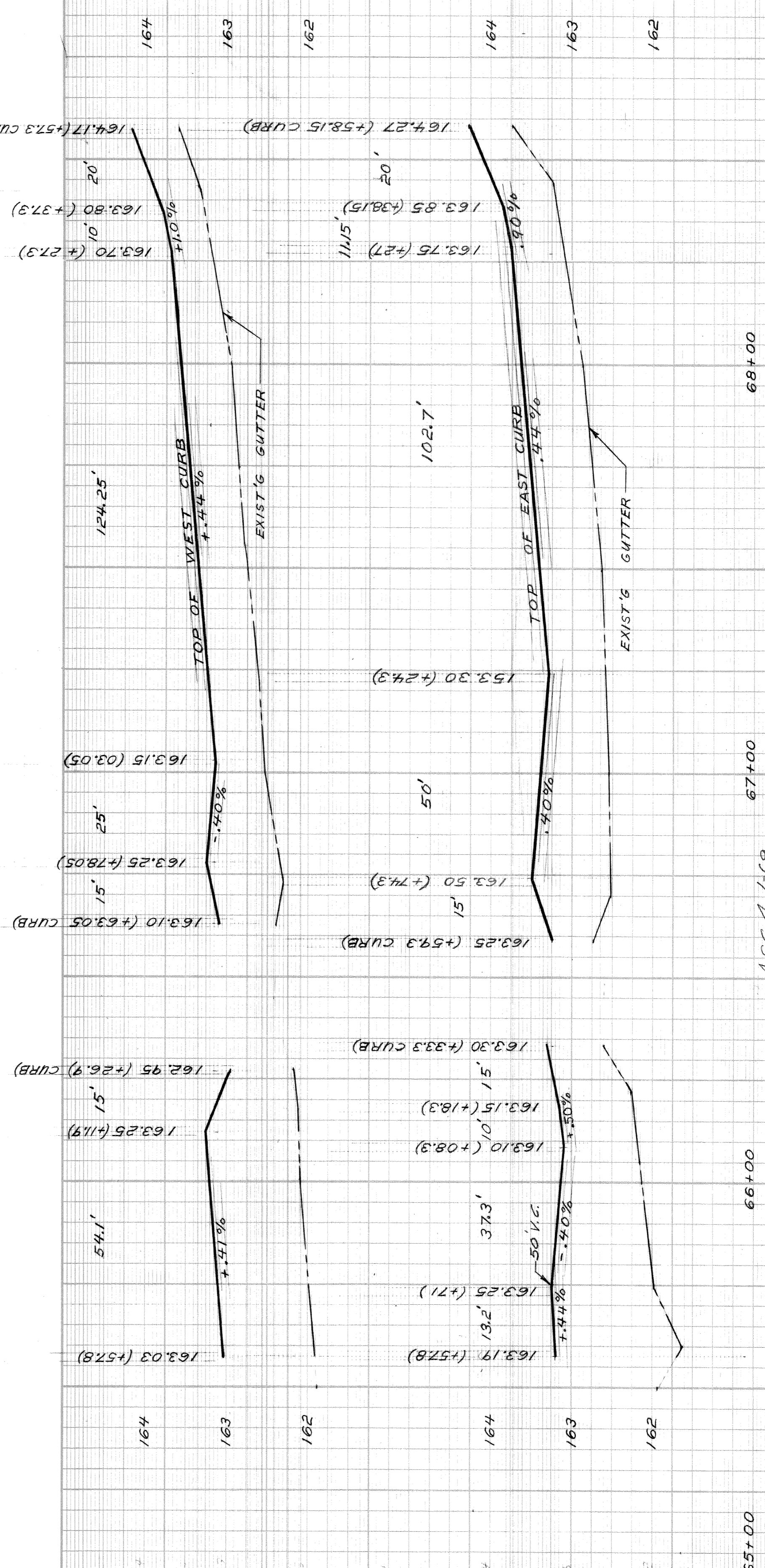
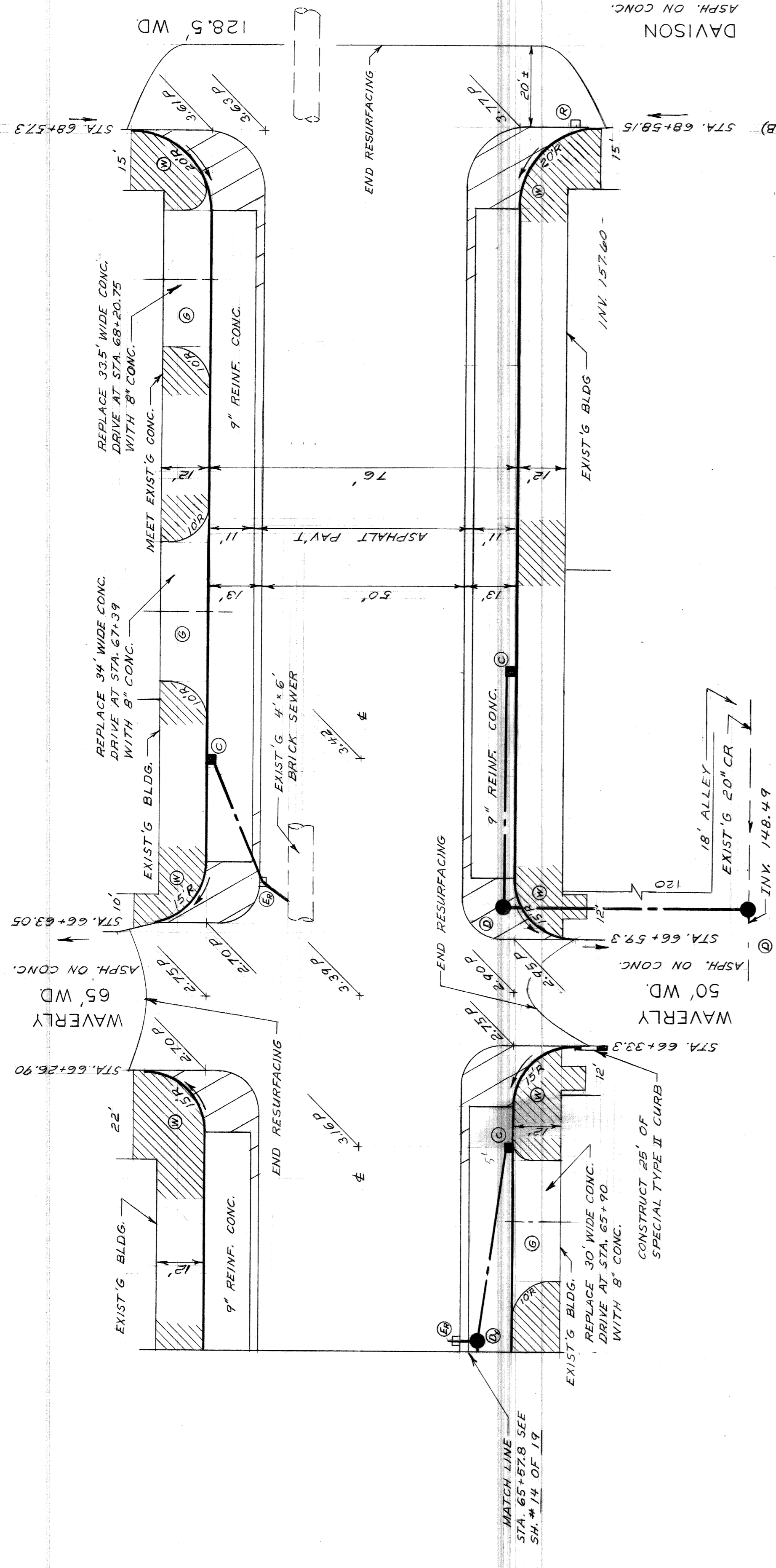
AS BUILT 4-1-69



**NOTE:**

FOR CONSTRUCTION LEGEND, NOTES AND SYMBOLS SEE DETAIL SHEET #3 OF 12  
 ADD 160 TO ALL PAV'T ELEVATIONS.  
 CONSTRUCT ALL DRIVES WITH 5' RADII UNLESS OTHERWISE NOTED.

**BENCH MARKS:**  
 C.B.M. → ON HYD. N.E. COR. WAVERLY & DEXTER STA. 69+00.31 ELEV. 166.06  
 C.B.M. → ON HYD. N.W. COR. DAVISON & DEXTER STA. 69+00.31 ELEV. 167.17  
 P.B.M. #24-253 N.E. COR. LAWTON & DAVISON 163.446 R

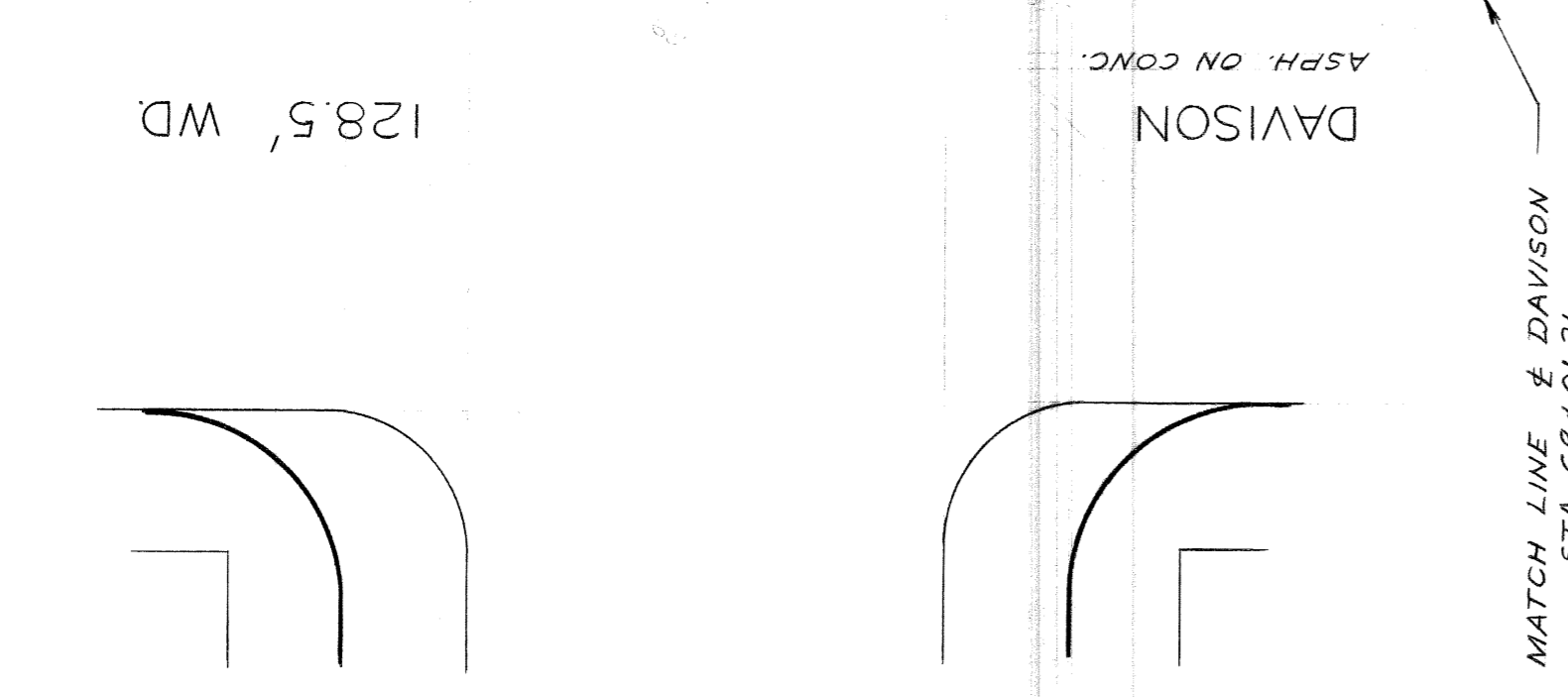
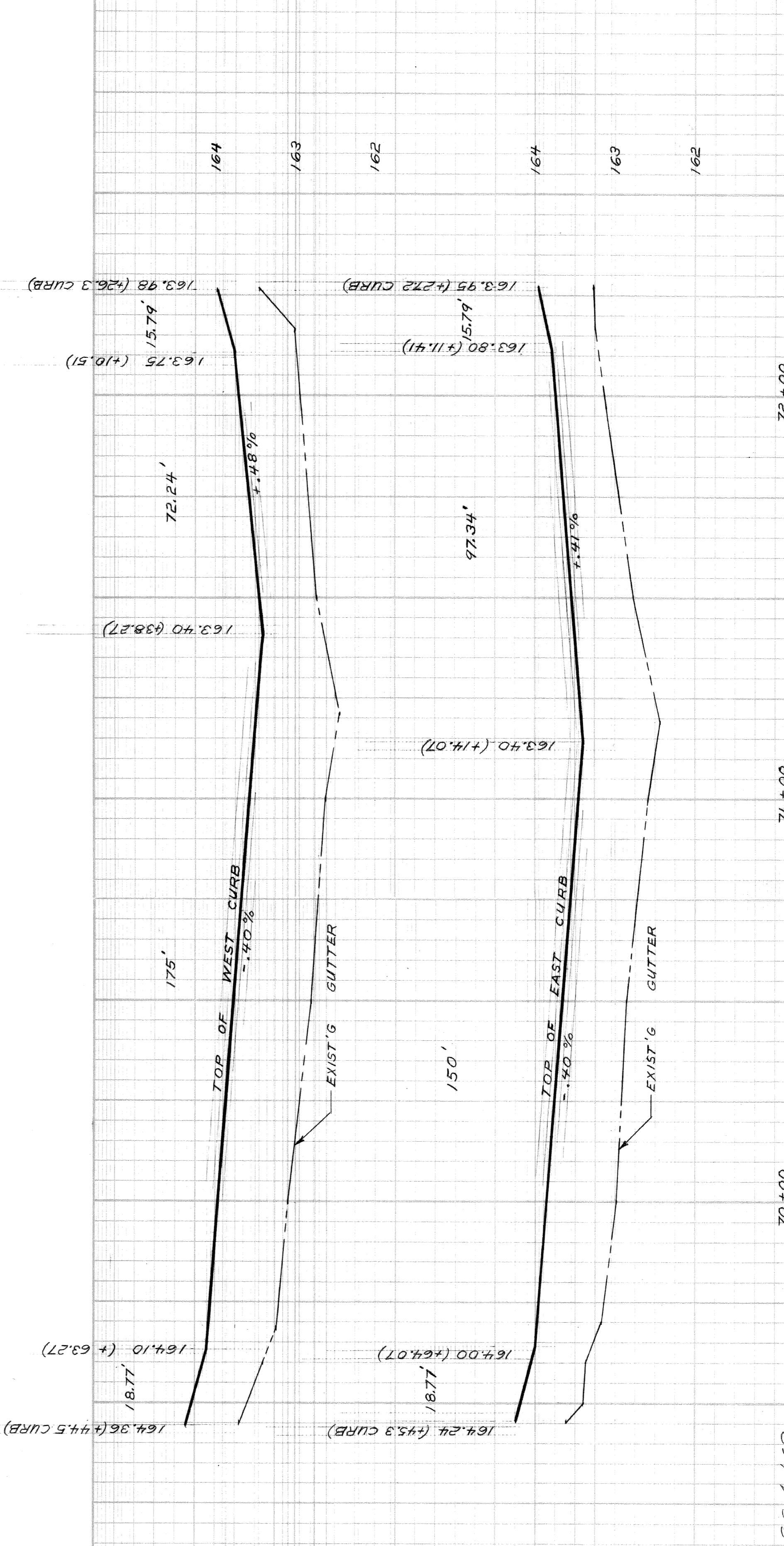
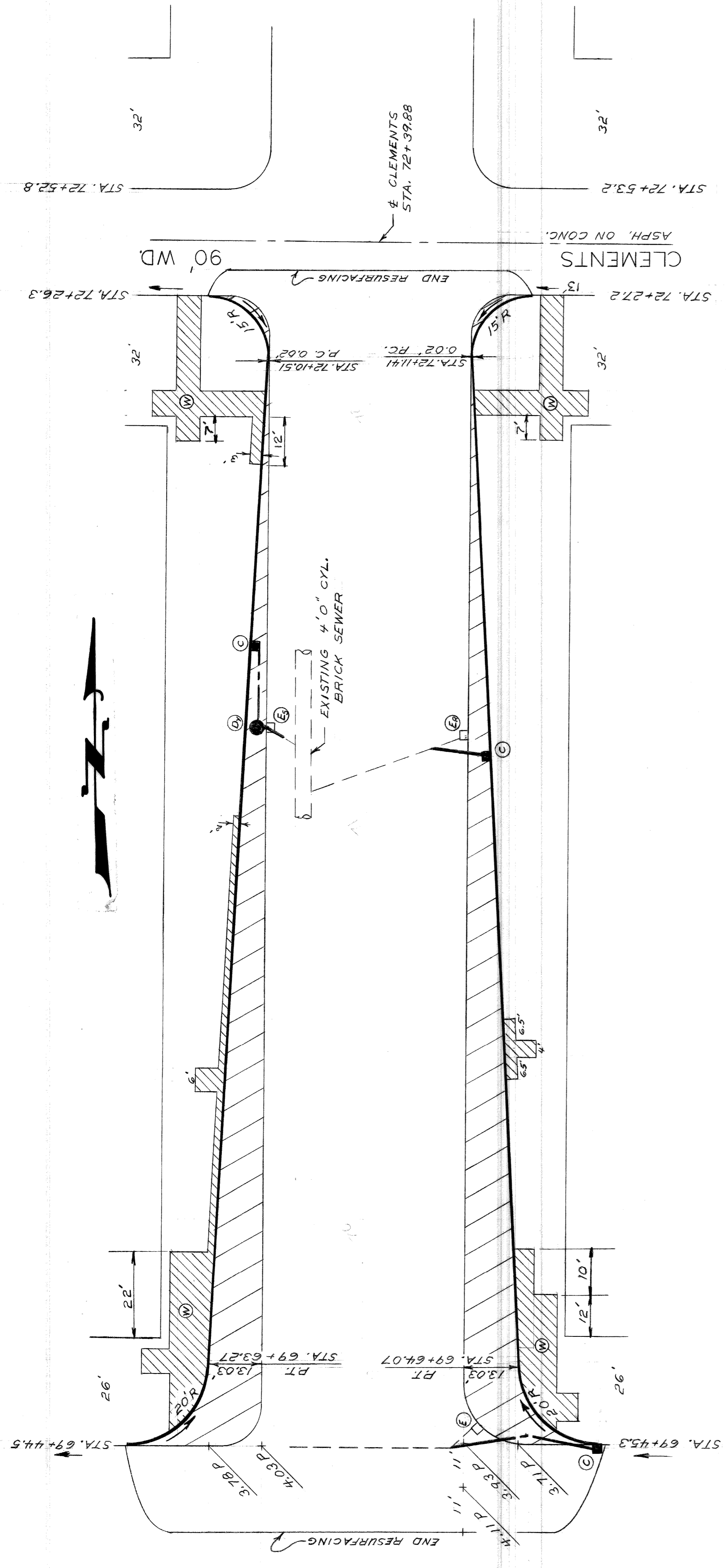


CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE		WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS PAVING PLAN AND PROFILES STA. 65+57.8 TO STA. 69+01.31		SHEET 15 OF 19 SHEETS CONTRACT No. PW 5767-B A.C. 1837-B DATE 4-30-68
APPROVED: <i>J. Erickson</i> ENGINEER OF STREETS		DESIGNED BY: W. OWENS DRAWN BY: T. SEYMOUR SEWERS APPROVED: <i>W. C. Hillier</i> CHECKED BY: W. C. Hillier HEAD CIVIL ENGINEER		SCALE HOR. 1" = 20' VERT. 1" = 1'
ACC. 4-1-69		REVISIONS ADD'D AS BUILT DRAINAGE		AS BUILT



NOTE:  
FOR CONSTRUCTION LEGEND, NOTES AND  
SYMBOLS SEE DETAIL SHEET #3 OF 13  
ADD 160 TO ALL PAV'T ELEVATIONS;

BENCH MARKS  
C.B.M. → ON HYD. N.W. COR. WAVERLY & DEXTER 166.06  
C.B.M. → ON HYD. N.W. COR. DAVISON & DEXTER 167.17  
R.B.M. #24-253 N.E. COR. LAWTON & DAVISON 163.446 R



MATCH LINE & DAVISON  
STA. 69+01.31  
SEE SH. #15 OF 13

SCALE  
HOR. 1" = 20'  
VERT. 1" = 1'

SHEET 16 OF 19 SHEETS  
CONTRACT  
No. PW 5767-B  
A.O. 1837-B  
DATE 4-30-68

WIDENING OF DEXTER BOULEVARD  
MONTEREY TO CLEMENTS  
PAVING PLAN AND PROFILES  
STA. 69+01.31 TO STA. 72+39.88

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE

AS BUILT 4-1-69

APPROVED: *J. Erickson*  
ENGINEER OF STREETS  
DRAWN BY: T. SEYMOUR  
SEWERS APPROVED: *W. P. Hammar*  
ADMINISTRATIVE ENGINEER  
CHECKED BY: *W. P. Hammar*  
HEAD CIVIL ENGINEER

REVISIONS	DESCRIPTIONS	DATE	BY
1	ADDED AS BUILT DRAINAGE	1/13/69	R
2			M

DESIGNED BY W. OWENS  
69+00 ACC. 4-1-69



### UNDERGROUND

- M.H. 1234
- EXISTING P.L.C. MANHOLE
- EXISTING P.L.C. HANDHOLE
- S
- SEWER RUN AND MANHOLE (OTHER U.G. UTILITIES SIMILAR)
- 4-3" X-2-3"
- EXISTING P.L.C. DUCT RUN (4-3" SHOWN)
- ABANDON EXISTING P.L.C. DUCT RUN (2-3" SHOWN)
- 4-3" X-2-3"
- BUILD 1-3" ENCASED CONDUIT (EXCEPT AS OTHERWISE INDICATED)
- 4-3" X-2-3"
- BUILD MULTIPLE ENCASED CONDUIT (4-4" SHOWN)
- 4-3" X-2-3"
- GALVANIZED IRON PIPE CONDUIT JACK IN PLACE (2-3" SHOWN)
- 4-3" X-2-3"
- BUILD NO. 1 MANHOLE (2-WAY)
- M.H. 7890
- BUILD NO. 1 MANHOLE (3-WAY)
- M.H. 1234
- BUILD NO. 1 MANHOLE (CORNER)
- M.H. 5678
- BUILD NO. 1 MANHOLE (4-WAY)
- M.H. 9012
- BUILD STREET TYPE "D" HANDHOLE (EXCEPT AS OTHERWISE NOTED)
- 
- BUILD TRAFFIC SIGNAL CONTROLLER FOUNDATION
- 
- EXISTING DIRECT BURIAL OR PARKWAY CABLE
- 
- REMOVE DIRECT BURIAL OR PARKWAY CABLE
- 
- ABANDON DIRECT BURIAL OR PARKWAY CABLE
- 
- EXISTING U.G.-FED ST. LTG. UNIT
- ☀
- REMOVE ST. LTG. POST FOUNDATION
- ☀
- REMOVE T.S. POST FOUNDATION

### LEGEND & GENERAL INFORMATION SHEET

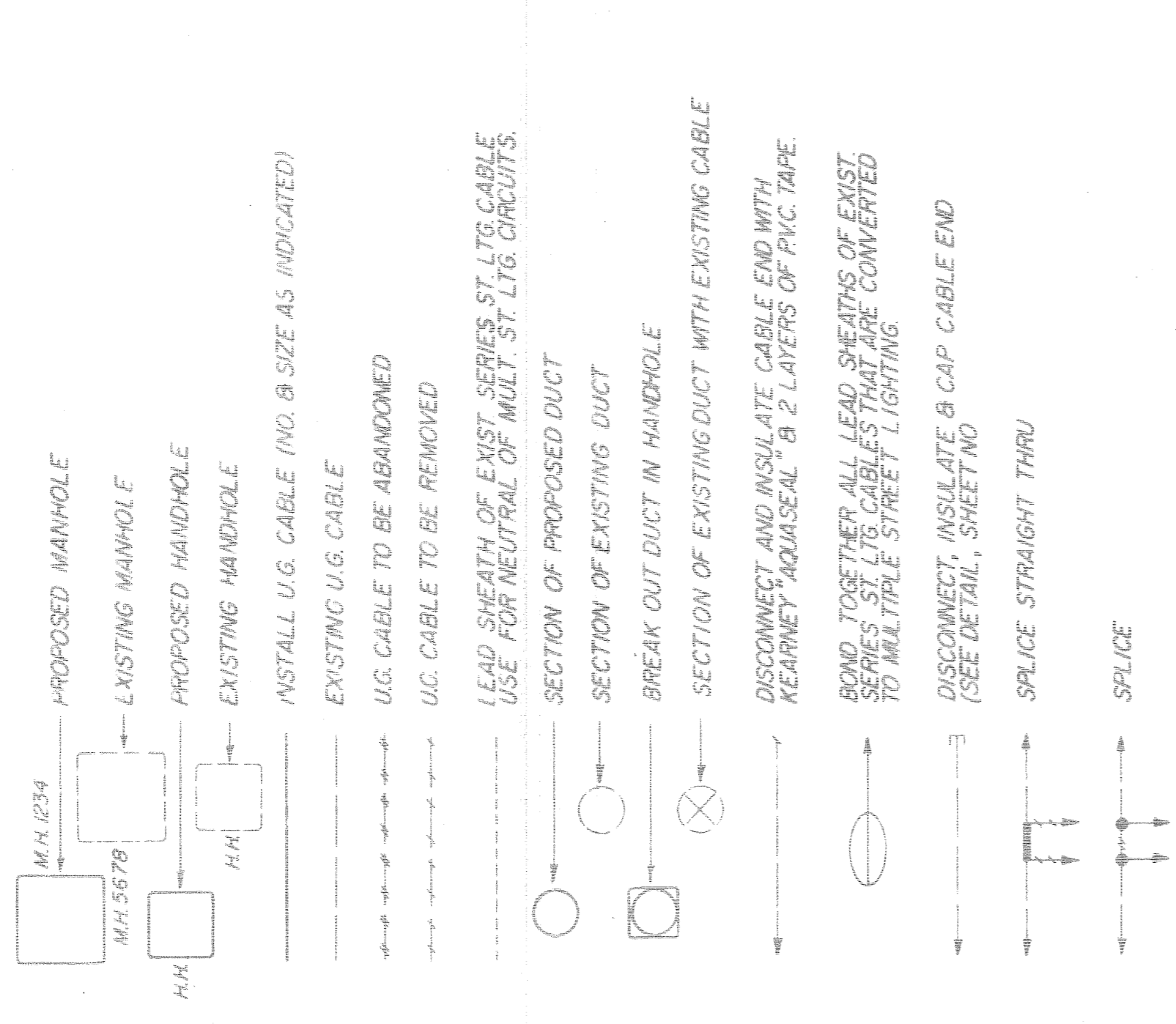
#### OVERHEAD

- F
- EXISTING WOOD POLE (D.E. CO. POLE SHOWN)
- C
- REMOVE WOOD POLE (P.L.C. POLE SHOWN)
- ⊙
- REPLACE WOOD POLE (HEIGHT & CLASS AS INDICATED)
- X
- INSTALL WOOD POLE (HEIGHT & CLASS AS INDICATED)
- ⊙
- USE SALVAGED POLE WHERE INDICATED
- 
- EXISTING OVERHEAD ST. LTG. UNIT
- 
- REMOVE OVERHEAD ST. LTG. UNIT
- 
- INSTALL OVERHEAD ST. LTG. UNIT WITH 6 FT. ARM (LUMINAIRE & LAMP SIZE AS INDICATED) USE SALVAGED UNIT WHERE INDICATED
- 
- EXISTING OVERHEAD LINE (2"-6" OF STANTON-24 SHOWN)
- 
- REMOVE OVERHEAD LINE (3"-8" OF STANTON-662 SHOWN)
- 
- INSTALL OVERHEAD LINE (2"-6" OF STANTON-24 SHOWN)
- 
- INSTALL & LATER REMOVE OVERHEAD LINE (3"-6" MULT. ST. LTG. SHOWN)
- 
- INSTALL GUY & ANCHOR (1/2" GUY SHOWN)
- 
- REMOVE GUY & ANCHOR ROD
- 
- INSTALL POLE GUY (1/2" GUY SHOWN)
- 
- INSTALL ARM GUY (3/8" GUY SHOWN)
- 
- REMOVE GUY (TYPE AS INDICATED)
- IN
- MATERIAL TO BE INSTALLED
- RM
- MATERIAL TO BE REMOVED
- MSS
- MAKE WOOD POLE SELF-SUPPORTING IN CONCRETE
- XYZ
- PHASES OF P.L.C. DISTRIBUTION WIRES OR EQUIPMENT
- E
- D.E. CO. DISTRIBUTION WIRE
- es
- D.E. CO. SECONDARY WIRE
- C.P.
- CABLE POLE
- 
- INSTALL SUSPENSION INSULATOR
- 
- P.L.C. DISTRIBUTION WIRE
- 
- P.L.C. SECONDARY WIRE
- 
- P.L.C. STREET LIGHTING WIRE
- 
- P.L.C. MULTIPLE STREET LIGHTING WIRE
- 
- INDICATES SECTION NUMBER OF TOPOGRAPHICAL MAP OF CITY OF DETROIT

23

#### DIAGRAMS & DUCT ALLOCATION

U.G.-FED ST. LTG. STD. SYMBOLS SAME AS UNDERGROUND LEGEND OF THIS SHEET.



SHEET NO.	PLAN - INDEX
17	SUB-TITLE
18 AND 19	LEGEND AND GENERAL INFORMATION
	GENERAL PLAN
	OVERHEAD
	WIRING DIAGRAMS (FINAL)
	SPLICING SCHEDULES (REFERENCE)

### GENERAL NOTES

1. CONTRACTOR TO NOTIFY MICH. CONS. GAS CO. AT WD-5-8000 IF PROTECTIVE COATED GAS MAIN IS EXPOSED OR DAMAGED.
2. ALL MANHOLES SHALL BE PROVIDED WITH M.H. SUMP EXCEPT WHERE 6" SEWER IS SHOWN ON PLANS.
3. WHERE ABANDONING OF U.G. CABLES IS CALLED FOR ON PLANS OR DIAGRAMS, CONTRACTOR SHALL CUT AND REMOVE CABLES WITHIN MANHOLES & HANDHOLES. BALLAST - (EXCEPT AS OTHERWISE NOTED).
4. ALL MERCURY VAPOR LUMINAIRES SHALL BE PROVIDED WITH BUILT-IN 460V. BALLAST - (EXCEPT AS OTHERWISE NOTED).
5. ALL EXISTING STREET LIGHTING, TRAFFIC SIGNAL, PRIMARY, ETC. CIRCUITS SHALL ALWAYS BE MAINTAINED IN AN OPERATIONAL CONDITION (EXCEPT WHERE OTHERWISE NOTED).
6. INSTALLATION OF ARMS FOR EQUIPMENT CUTOUTS, POTHEADS, TRANSFORMERS, ETC. ARE NOT SHOWN ON NEW CABLE AND TRANSFORMER POLES. THEY SHALL BE INSTALLED AS PER THE DETAIL DRAWING REQUIREMENT AND SHALL BE INCIDENTAL TO FITTING-UP THE CABLE AND/OR TRANSFORMER POLE.
7. ALL TRANSFORMER POLES AND CABLE POLES SHALL BE FITTED UP WITH 120" ARMS (EXCEPT WHERE OTHERWISE NOTED).
8. ALL NEW ANCHOR GUYS SHALL BE INSTALLED ON AN L/R RATIO OR AS NEARLY AS POSSIBLE. (EXCEPT WHERE OTHERWISE NOTED, STRUT GUYS ARE EXCEPTED).
9. ALL POTHEADS ON PRIMARY DISTRIBUTION CABLE POLES SHALL BE FLAT, DIVERGENT DISCONNECTING TYPE.
10. EXISTING O.H. AND T.S. FACILITIES ARE NOT NECESSARILY SHOWN ON PLANS.
11. ALL OVERHEAD WIRES AND UNDERGROUND CABLES SHALL CONSIST OF COPPER CONDUCTORS AS PER THE SPECIFICATIONS.
12. ALL LEAD COVERED SERIES ST. LTG. CABLES RENDERED DEAD DUE TO CONVERSION TO MULT. ST. LTG. ARE TO BE TAGGED "DEAD" BY CONTRACTOR.
13. ALL ST. LTG. CABLES OF CIRCUITS CONVERTED TO MULTIPLE FEED SHALL BE TAGGED IN ALL MANHOLES & HANDHOLES.
14. RE-STENCILLING OF U.G.-FED ST. LTG. STD'S IS INCIDENTAL TO INSTALLATION OF LUMINAIRES.
15. ALL CONVERTED U.G. ST. LTG. STD'S SHALL BE STENCILLED OR RE-STENCILLED AS SHOWN ON GENERAL PLANS & FINAL WIRING DIAGRAMS.

CONTRACT NO. PW5767-B

Acc. 4-1-69

FILE NO. 51-0410-A

PUBLIC LIGHTING COMMISSION

DATE 17 OF 19

CITY OF DETROIT

4-30-68

DRAWN BY: C.E.A. HCB

CHECKED BY: HCB

APPROVED BY: HCB

DATE: 4-24-68

PLAN PREPARED BY: CONSULTING ENGINEERING ASSOCIATES INC. ENGINEERING CONSULTANTS 16580 WYOMING DETROIT, MICH. 48221

FILE NO. CE-PLC-2A CH

WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS

LEGEND AND GENERAL INFORMATION