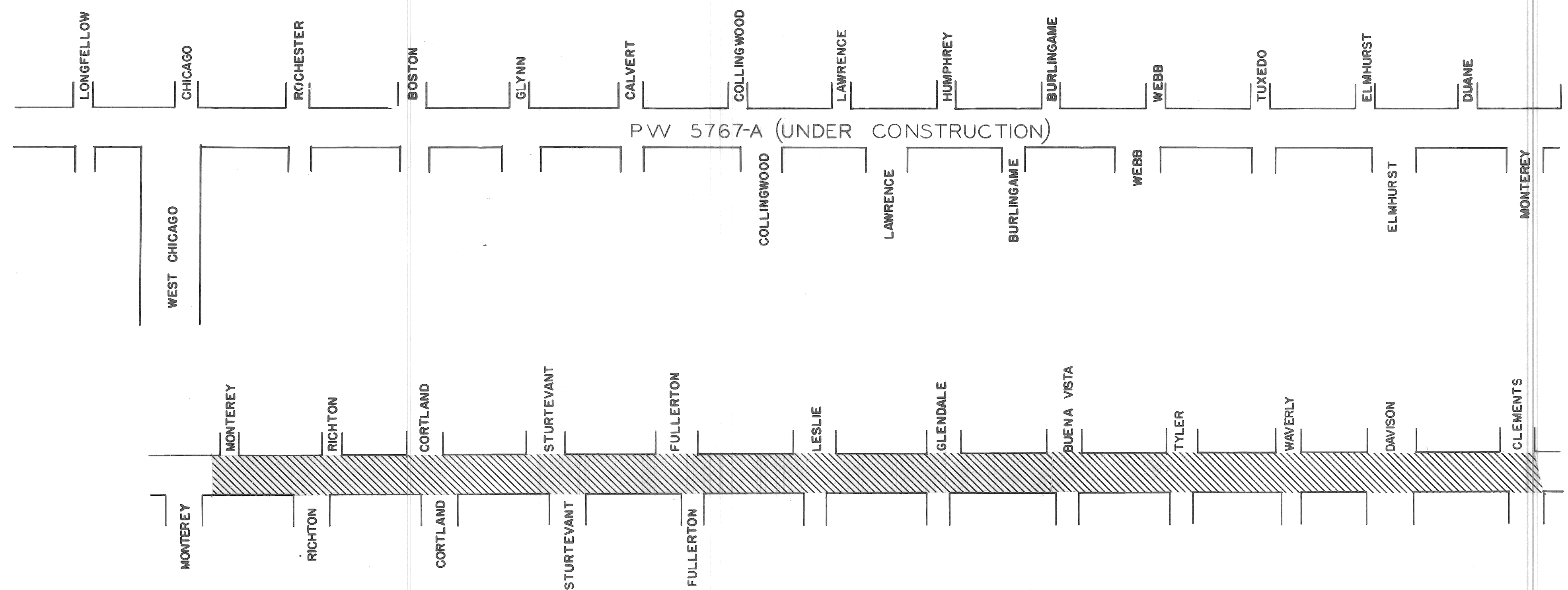


CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

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

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	<i>R. C. Mosher</i> ENGINEER OF INSPECTION	5-9-68 DATE
RECOMMENDED FOR APPROVAL	<i>C. L. Lederer</i> HEAD ENGINEER	5-9-68 DATE
APPROVED	<i>P. P. Hinks</i> ASSISTANT CITY ENGINEER	5-12-68 DATE
APPROVED	<i>Alfred Branducci</i> CITY ENGINEER	5-10-68 DATE

DATE 4-30-68	DRWG. NO. 1 OF 19
--------------	-------------------

A.C.C. 4-1-69

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

DESCRIPTION OF ITEM	PAY UNIT	SHEET 6 & 10	SHEET 7 & 11	SHEET 8 & 12	SHEET 9 & 13	SHEET 10 & 14	SHEET 11 & 15	SHEET 12 & 16	TOTALS
Excavation	Cyds.	3 8 4	5 3 2	5 2 0	5 1 8	4 7 2	2 1 3	2 4 6	2,895
Street Pavement Removal	Syds.								
Cable and Wood Posts Removal	Lft.								
Relocate Pipe Rail Fence	Lft.								
Relocate 1/2 Ft. Chain Link Fence	Lft.								
Driveway Removal	Sft.	2,675	2,513	2,275	3,538	3,100	2,438		18,539
Sidewalk Removal	Sft.	19,784	12,292	9,788	8,483	15,545	10,985	2,282	79,169
Fill - (Grade A)	Cyds.	40	42	41	39	40	23	10	235
Fill (22A)	Cyds.	10	10	10	10	10	6	5	61
Tree Removal 1/2" - 12" Dia.	Each			2					2
Tree Removal 1 1/2" - 18" Dia.	Each			1					3
Tree Removal 2 1/2" Dia.	Each								
Tree Removal 3 1/2" Dia.	Each			2					3
Tree Removal 4 1/2" Dia.	Each								
Separate Type Curb Removal	Lft.	1,171	1,237	1,188	1,108	1,178	685	649	7,216
Partial Curb Removal	Lft.								
Resetting Manhole - Water	Each		4			3			8
Resetting Manhole - Sewer	Each	2	1	3	3	2	1		12
Resetting Stop Boxes	Each	2	2	2	2	2	2	1	13
Resetting Catch Basins - All Types	Each	2	6	3		2			13
Rebuild Catch Basin	Each			1					4
Manhole (Bewer) - Adjustment	Each								
Manhole (Water) - Adjustment	Each			2					5
Manhole - Reconstruct Cone	Each								4
Manhole - Standard, New	Each	1							4
Manhole - Special, Type I (Trapped)	Each	2							2
Manhole - Special, Type II (NOT TRAPPED)	Each	1			4		2		10
Catch Basin - New	Each	7	5	4	6	4	4	3	33
Catch Basin - Abandonment	Each	1	4	2		1	2	1	11
Catch Basin - Special Abandonment	Each	4	2	2		1	1	2	12
Sewers - 12" Extra Strength Clay Pipe or Reinforced Concrete Pipe, C-76, IV	Lft.	215	220	70	380	180	300	55	1,420
Sewer Under Pavement - 12" Extra Strength Clay Pipe or Reinforced Concrete Pipe, C-76, IV	Lft.	75	60	40	50	30	30	30	315
Pavement Base - 9" Uniform Reinforced*	Syds.								
Pavement - 9" Uniform Reinforced* (M.E.S.C.)	Syds.	1,175	1,145	992	1,223	1,126	560		6,221
Pavement Base - 10" Uniform Reinforced* (M.E.S.C.)	Syds.	180	244	324	98	190	174	455	1,675
Pavement Base - 10" Uniform Reinforced** (M.E.S.C.)	Syds.	204	199	172	212	196	97		1,080
Clean and Condition Existing Surface	Syds.	35.2	50.4	6.61	65.8	10.12	6.2		3,269
Stripping	Syds.	20		20		20			80
Separate Curb - Type II	Lft.	30	30	30	30	30	30		210
Test Cores	Each	4	4	4	4	4	4	2	28
Sidewalks 4" Standard**	Sft.	10,771	10,647	9,831	9,262	10,552	5,321	2,515	58,999
Top Soil	Cyds.							59	59
Sodding	Syds.							466	466
Driveways 6" Standard (M.E.S.C.)	Sft.							100	100
Driveways 8" Standard (M.E.S.C.)	Sft.	1,284	1,206	1,092	1,698	1,488	1,170		7,938
Maintaining Traffic	Lump Sum								
Bond Coat in Place	Gals.	554	617	605	527	589	320	300	3,512
Sawed Joint (IN Asphalt Surface)	Lft.	916	938	836	966	891	466	509	5,524
Sheet Asphalt	Tons	2	1	1	1	1	1	1	8
Resurfacing Mixtures in Place (All Natural Aggregates)	Tons	814	766	770	722	439	484	131	4,126
a) Binder Course Mixture-9A	Tons	305	339	333	290	324	176	165	1,932
b) Fine Binder Course Mixture	Tons	203	226	222	193	216	117	110	1,287
c) Wearing Surface Mix 31A	Tons								
Resurfacing Mixture in Place (All Sing Aggregate)	Tons	734	691	694	651	396	436	118	3,720
a) Binder Course Mixture-9A	Tons	280	311	305	268	297	161	151	1,771
b) Fine Binder Course Mixture	Tons	191	213	209	182	204	110	104	1,213
c) Wearing Surface Mix 31A	Tons								

COORD	DESCRIPTION	DRN	CHK	APVD	DATE
REVISIONS LOCATED BY COORDINATES ON SHEET					

REFERENCE DRAWINGS	DESIGNED BY	APPROVED:
	<i>E. Jackson</i>	<i>J. Erickson</i>
		ENGINEER OF STREETS
		<i>W. R. Samuel</i>
		ADMINISTRATIVE ENGINEER
		<i>W. D. Kawanwa</i>
		SENIOR CIVIL ENGINEER

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE

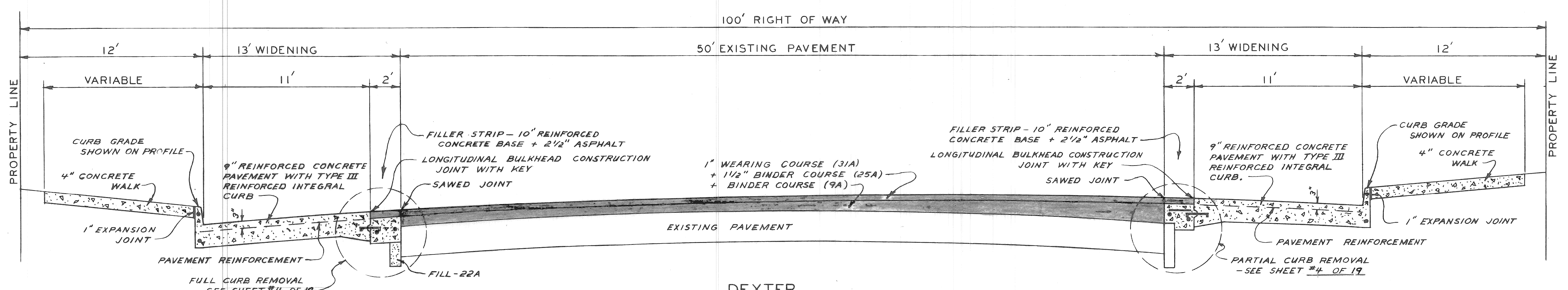
WIDENING OF DEXTER BOULEVARD  
MONTEREY TO CLEMENTS

QUANTITY SHEET

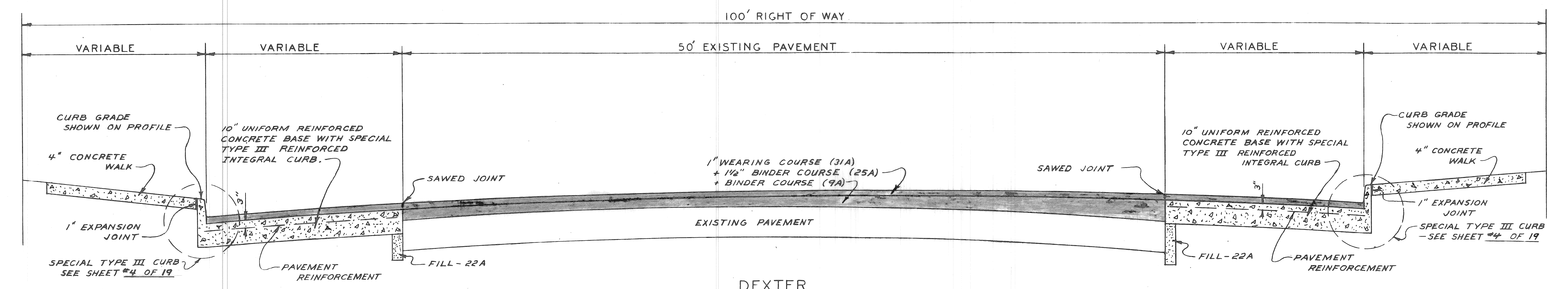
SHEET 2 OF 19 SHEETS
CONTRACT No. PW 5767-B
AO 1837-B
DATE 4-30-68

ELECTRICAL ITEMS - SEE SHEET  
\* Included Reinforced Integral Curbs, See Std. Drawing C-15943  
\*\* Construction Only  
\*\*\* No Curb

ACC. 4-1-69



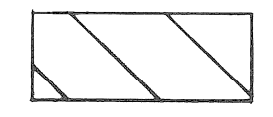
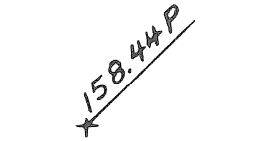








DEXTER  
BETWEEN INTERSECTIONS



DEXTER  
AT INTERSECTIONS AND  
FROM DAVISON TO CLEMENTS

TYPICAL CROSS-SECTIONS

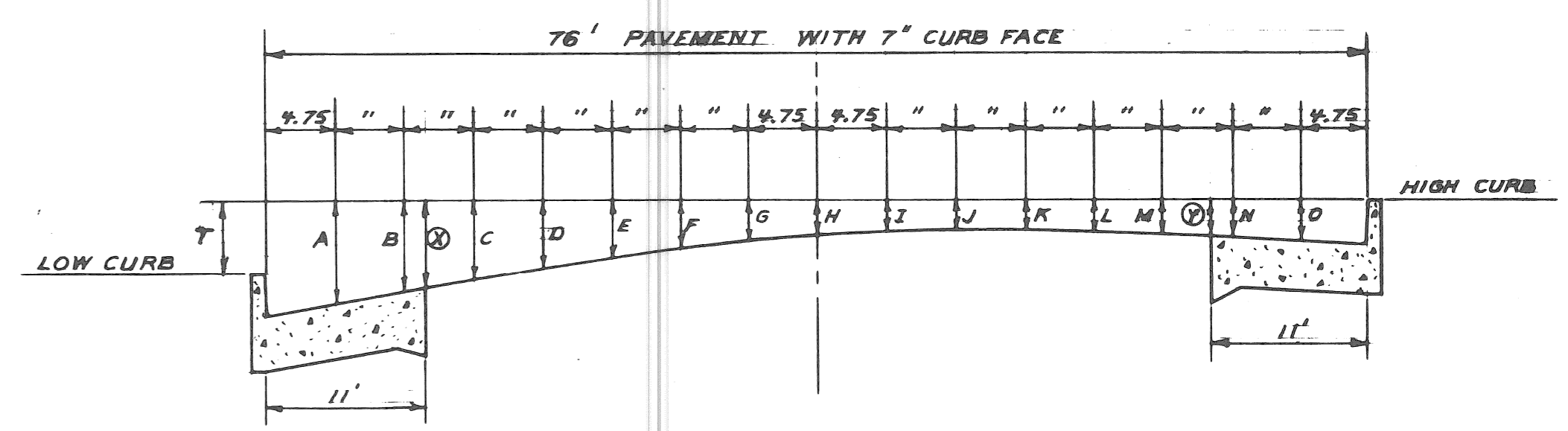
CONSTRUCTION LEGEND

-  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

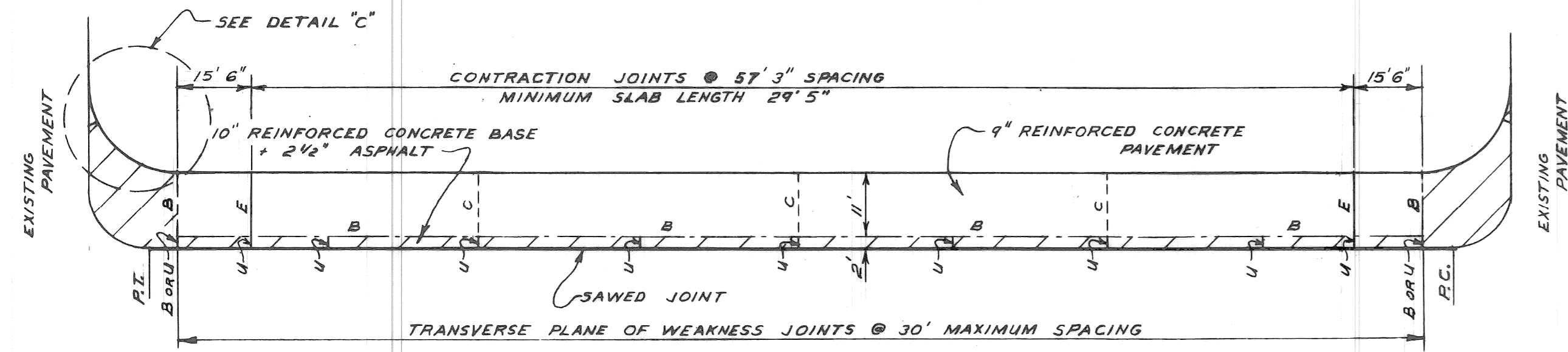
NO SCALE

DESIGNED BY <b>W. OWENS</b> DRAWN BY <b>T. SEYMOUR</b> SEWERS APPROVED CHECKED BY <b>W.O. Kearney</b>		APPROVED: <i>J. Erickson</i> ENGINEER OF STREETS APPROVED: <i>W.A. [Signature]</i> ADMINISTRATIVE ENGINEER APPROVED: <i>A.C. [Signature]</i> HEAD CIVIL ENGINEER		<b>CITY OF DETROIT</b> DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE			WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS			SHEET <b>3</b> OF <b>19</b> SHEETS CONTRACT No. PW 5767-B A.O. 1837-B DATE 4-30-68	
ACC: 4-1-69											
REVISIONS											

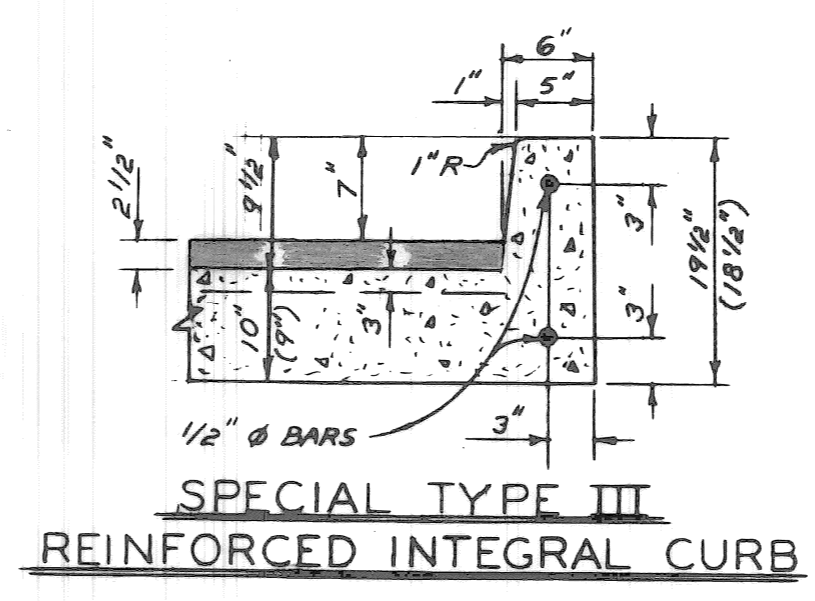


T	A	B	⊗	C	D	E	F	G	H	I	J	K	L	M	⊙	N	O	CROWN
0	.44	.32	.29	.22	.14	.07	.03	.00	+.01	.00	.03	.07	.14	.22	.29	.32	.44	H
.1	.53	.40	.36	.29	.20	.13	.08	.05	-.04	.05	.07	.12	.18	.25	.31	.35	.46	H
.2	.62	.48	.44	.36	.26	.19	.13	.10	.09	.10	.12	.16	.21	.28	.34	.37	.47	H
.3	.71	.56	.52	.43	.33	.24	.19	.15	.14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

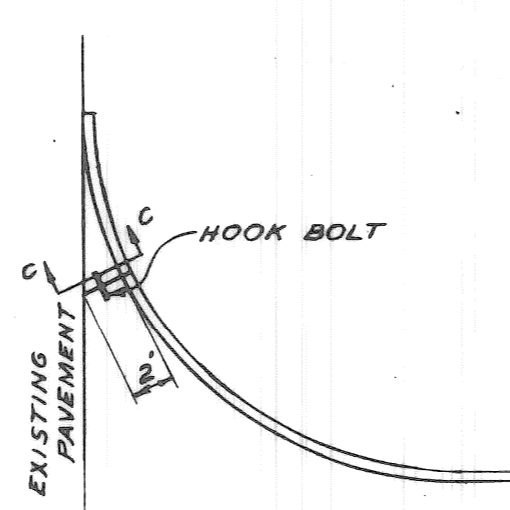
ELEMENTS OF ROADWAY SECTION



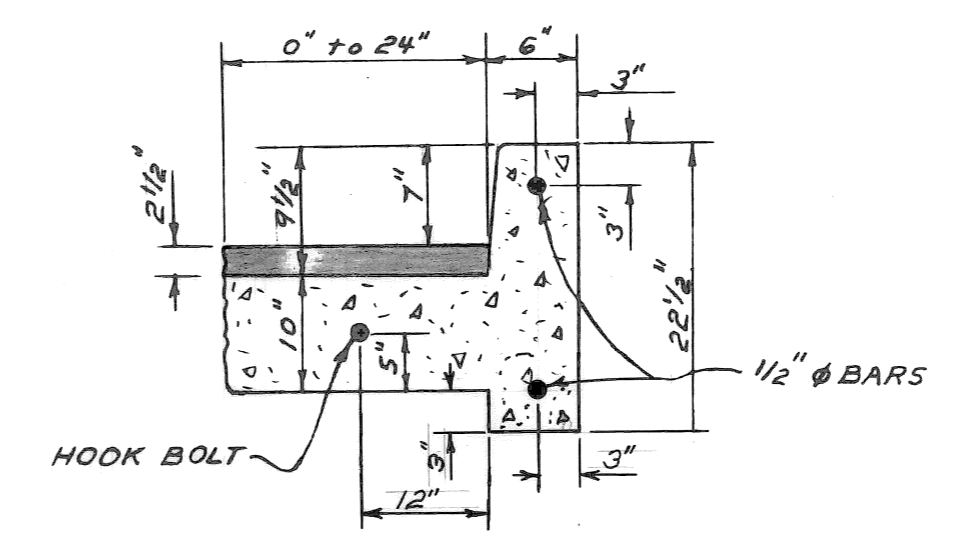
TYPICAL JOINT LAYOUT FOR DEXTER



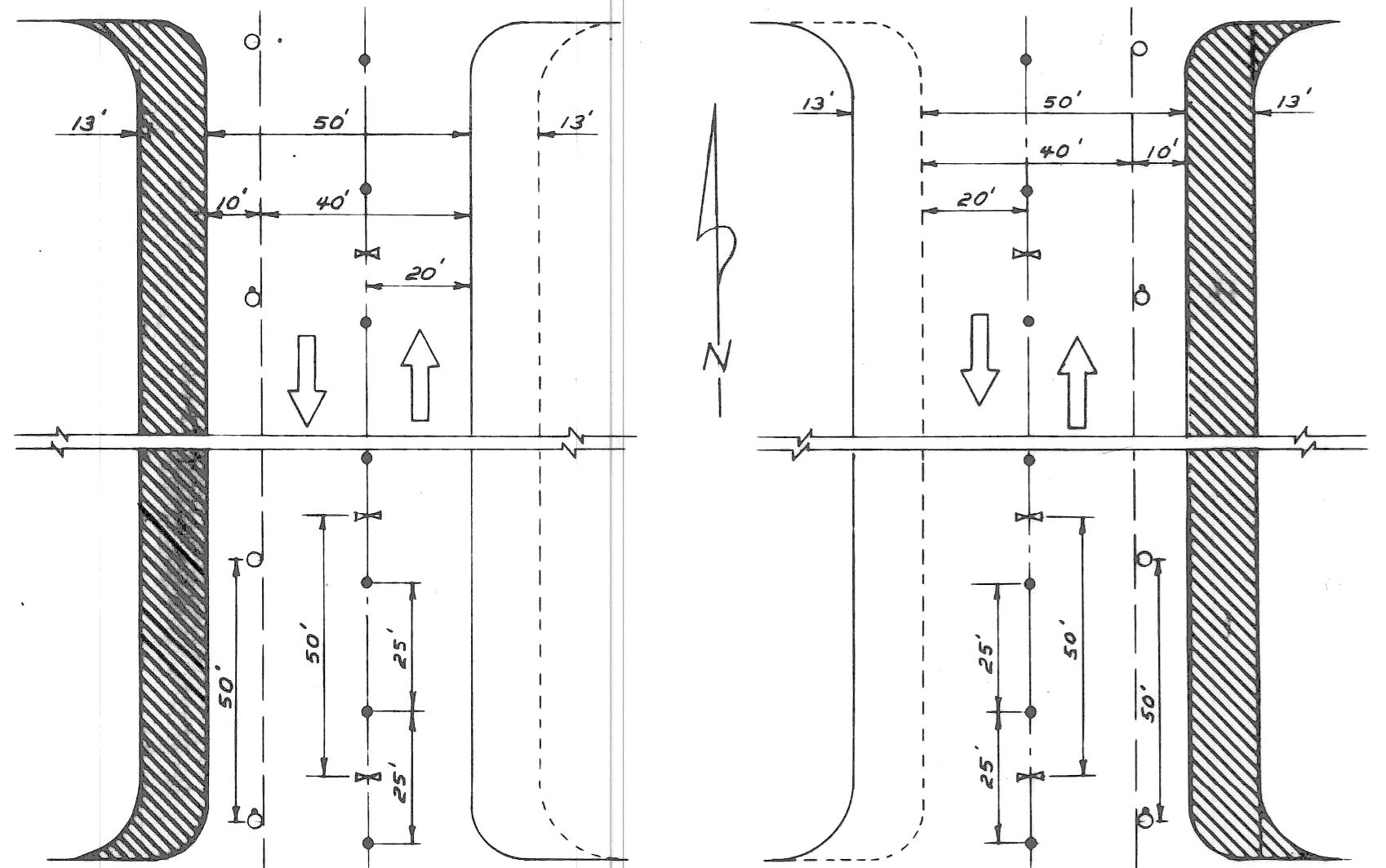
SPECIAL TYPE III REINFORCED INTEGRAL CURB



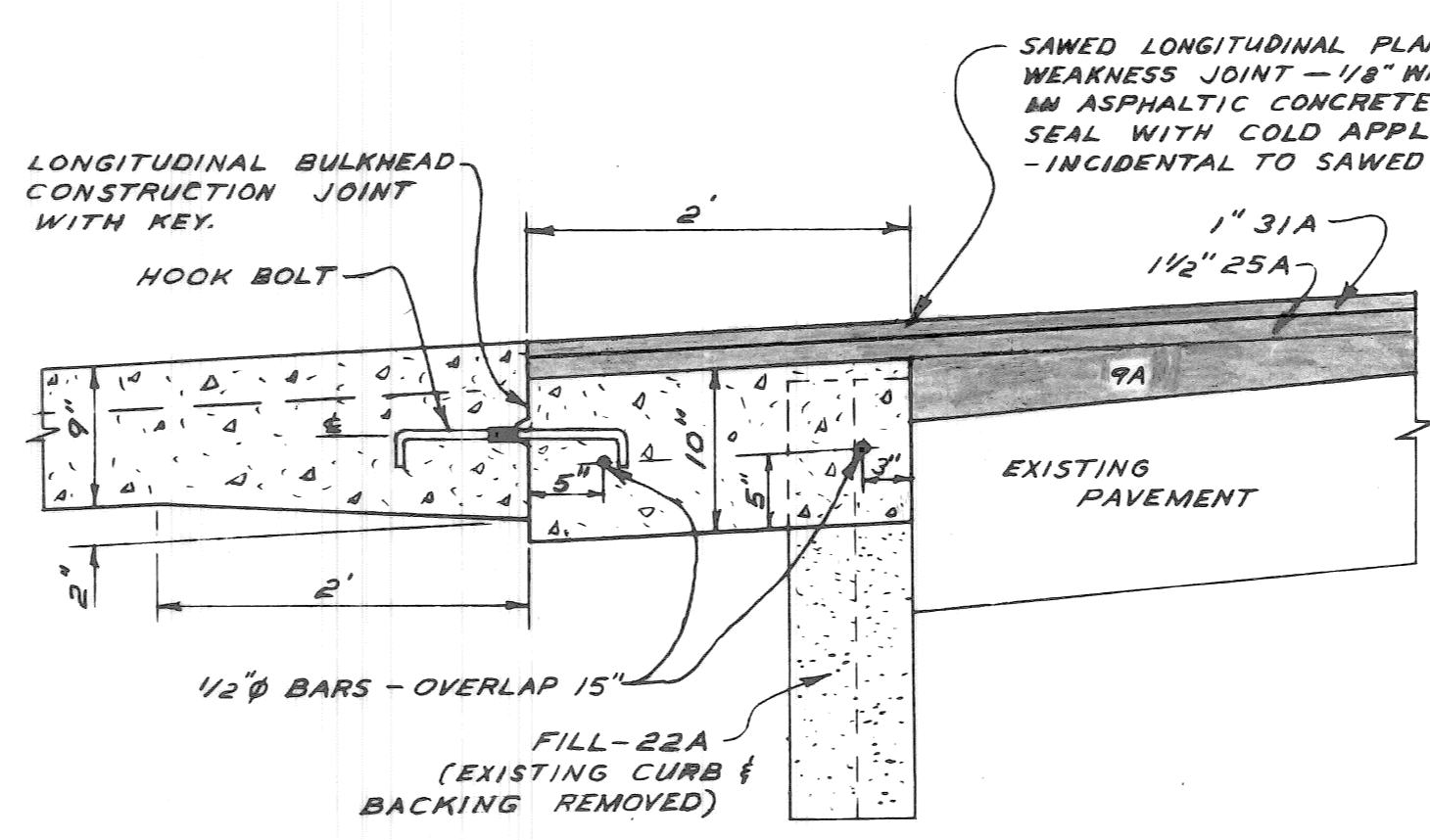
DETAIL "C"



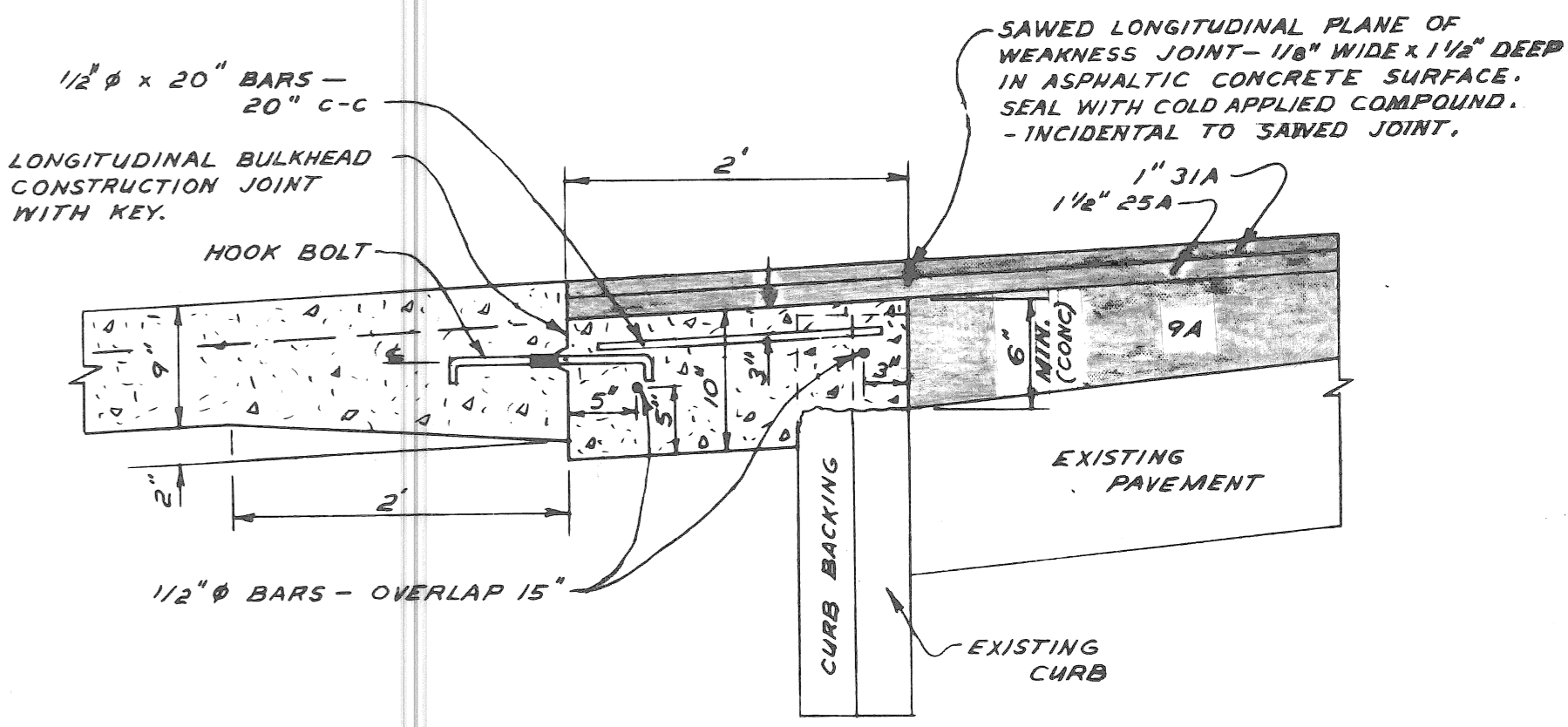
SECTION C-C



STAGE I MONTEREY  
STAGE II MONTEREY  
CONSTRUCTION STAGES



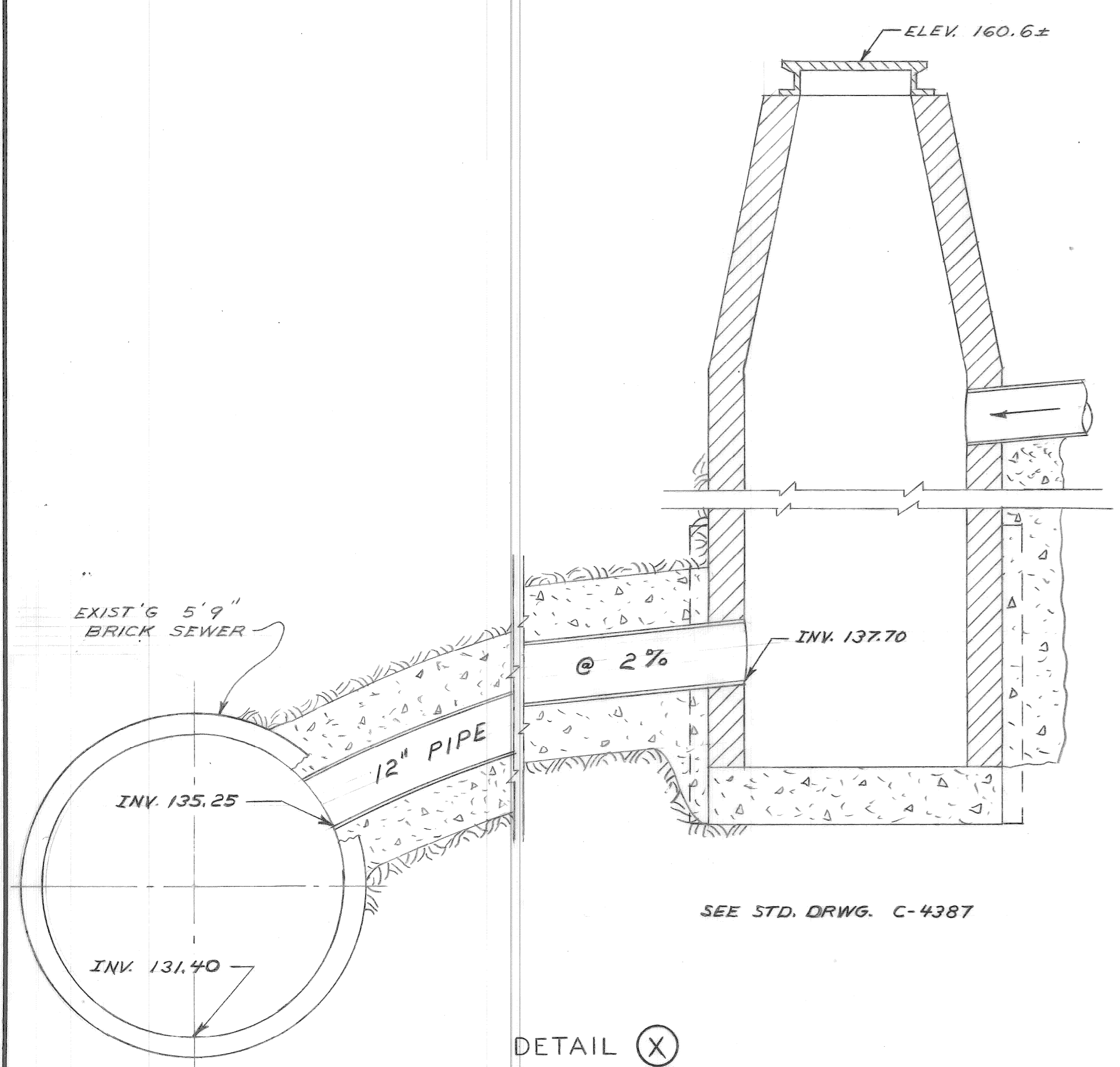
FULL CURB REMOVAL



PARTIAL CURB REMOVAL  
(NOT IN THIS CONTRACT)

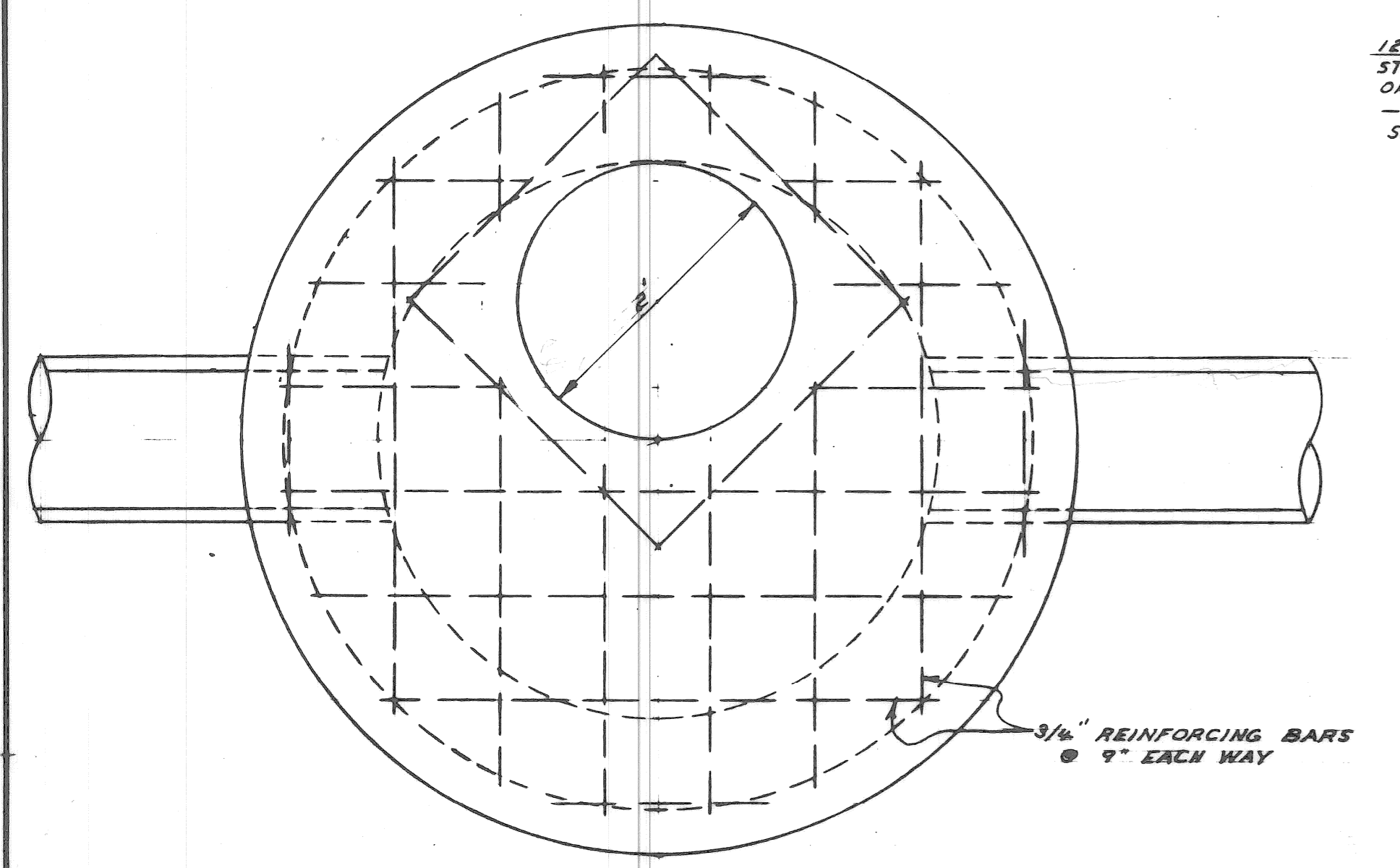
NO SCALE

A.C.C. 4-1-69 DESIGNED BY <b>W. OWENS</b> DRAWN BY <b>T. SEYMOUR</b> SEWERS APPROVED CHECKED BY <b>W.D.</b> <b>K...</b>		APPROVED: <i>[Signature]</i> ENGINEER OF STREETS <i>[Signature]</i> ADMINISTRATIVE ENGINEER <i>[Signature]</i> HEAD CIVIL ENGINEER		CITY OF DETROIT DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE			WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS CONSTRUCTION STAGES & PAVEMENT DETAILS			SHEET 4 OF 19 SHEETS CONTRACT No. PW 5767-B A.O. 1837-B DATE 4-30-68	
---	--	---	--	--	--	--	--	--	--	---	--

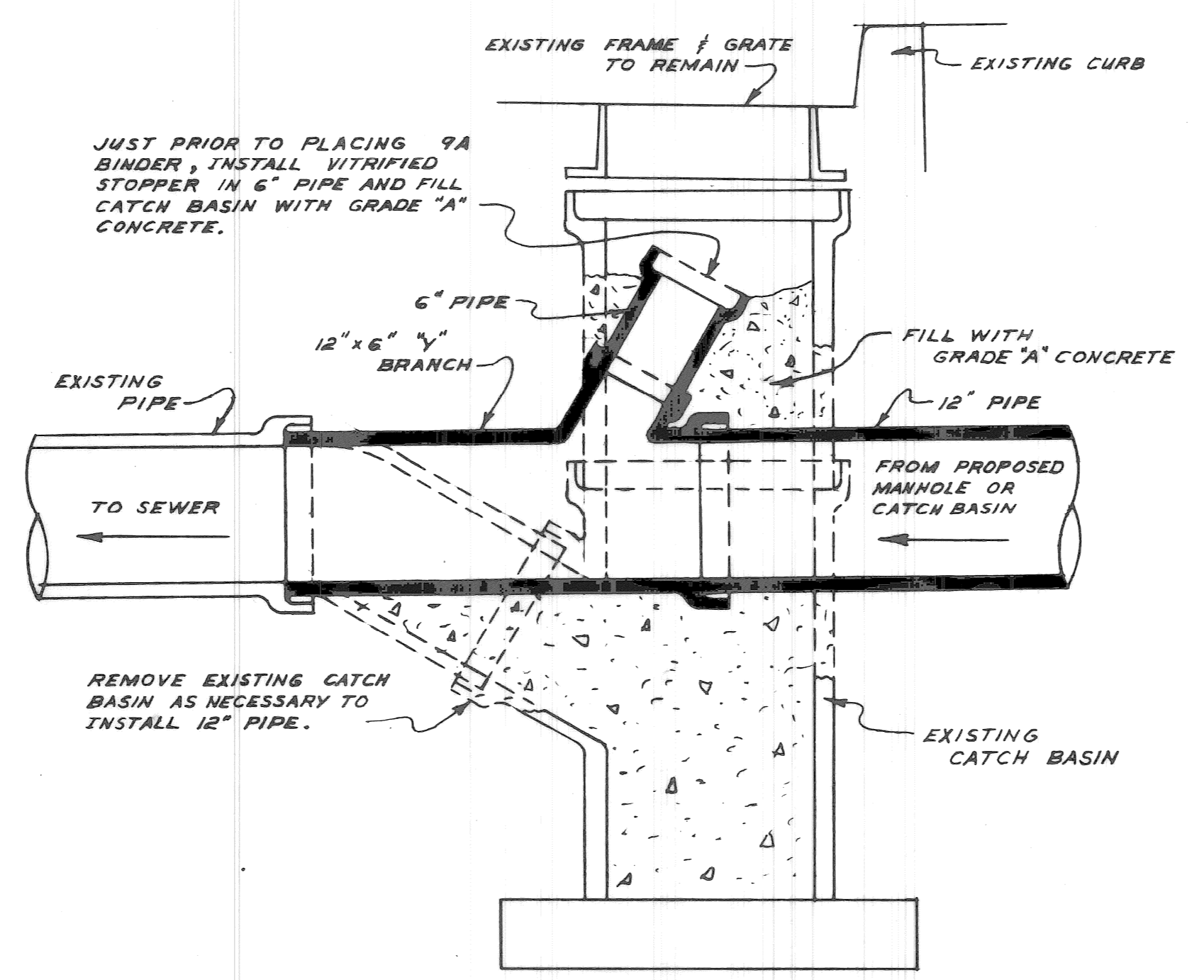


SEE STD. DRWG. C-4387

DETAIL (X)  
DROP MANHOLE



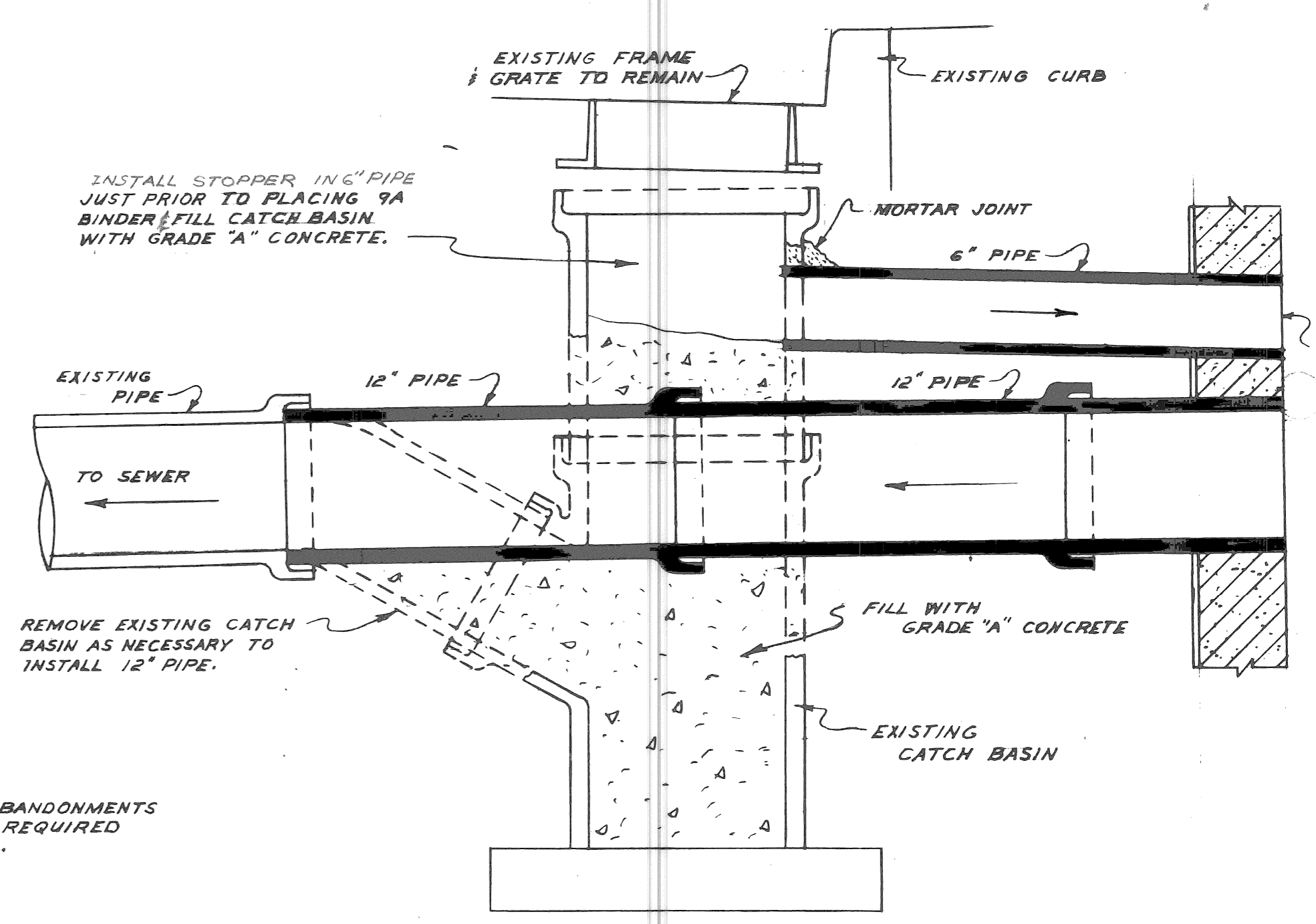
DETAIL OF PRECAST TOP



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 (E<sub>R</sub>)



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

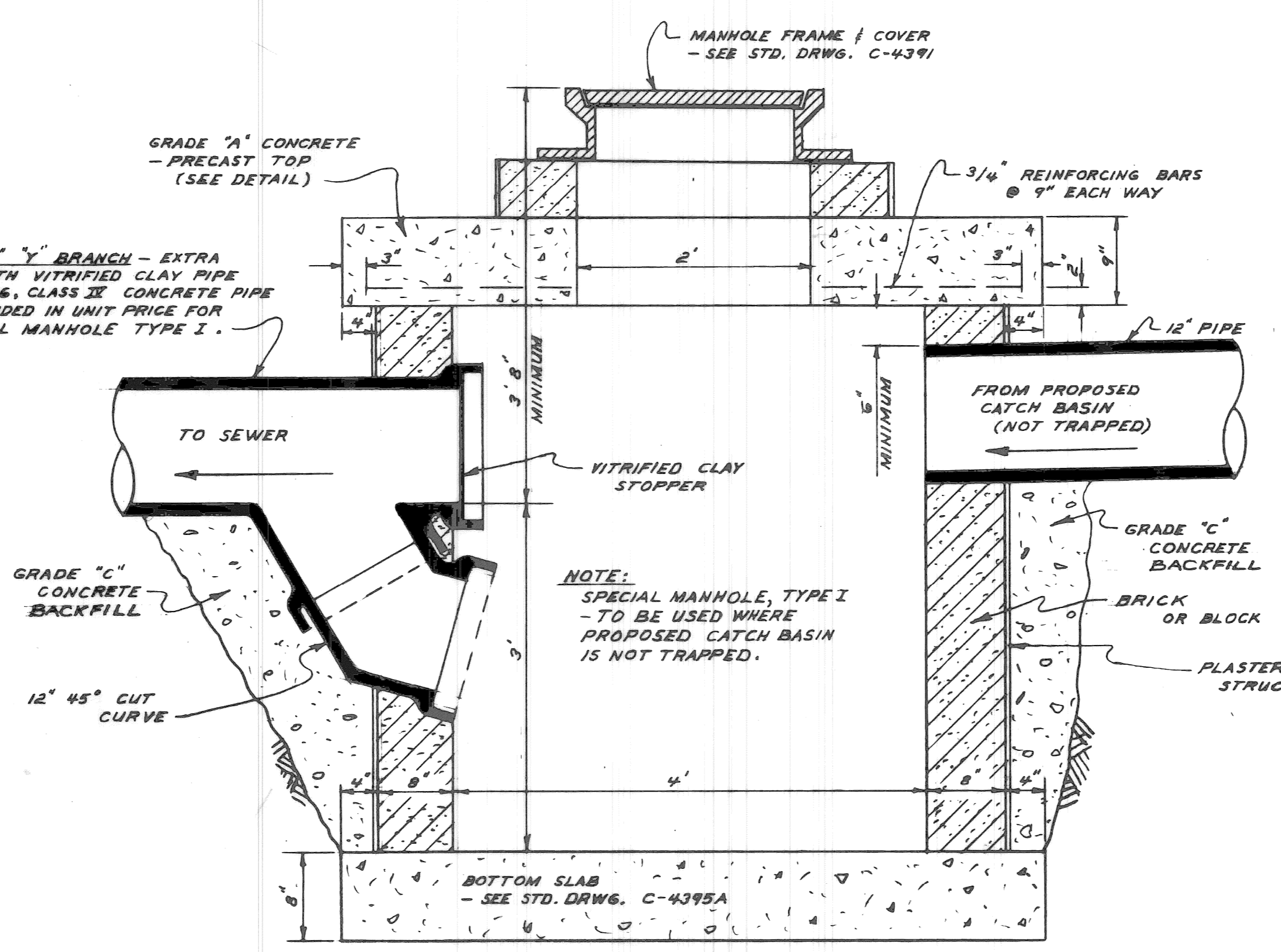
REMOVE EXISTING CATCH BASIN AS NECESSARY TO INSTALL 12" PIPE.

DETAIL (E<sub>S</sub>)

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

SPECIAL CATCH BASIN ABANDONMENTS

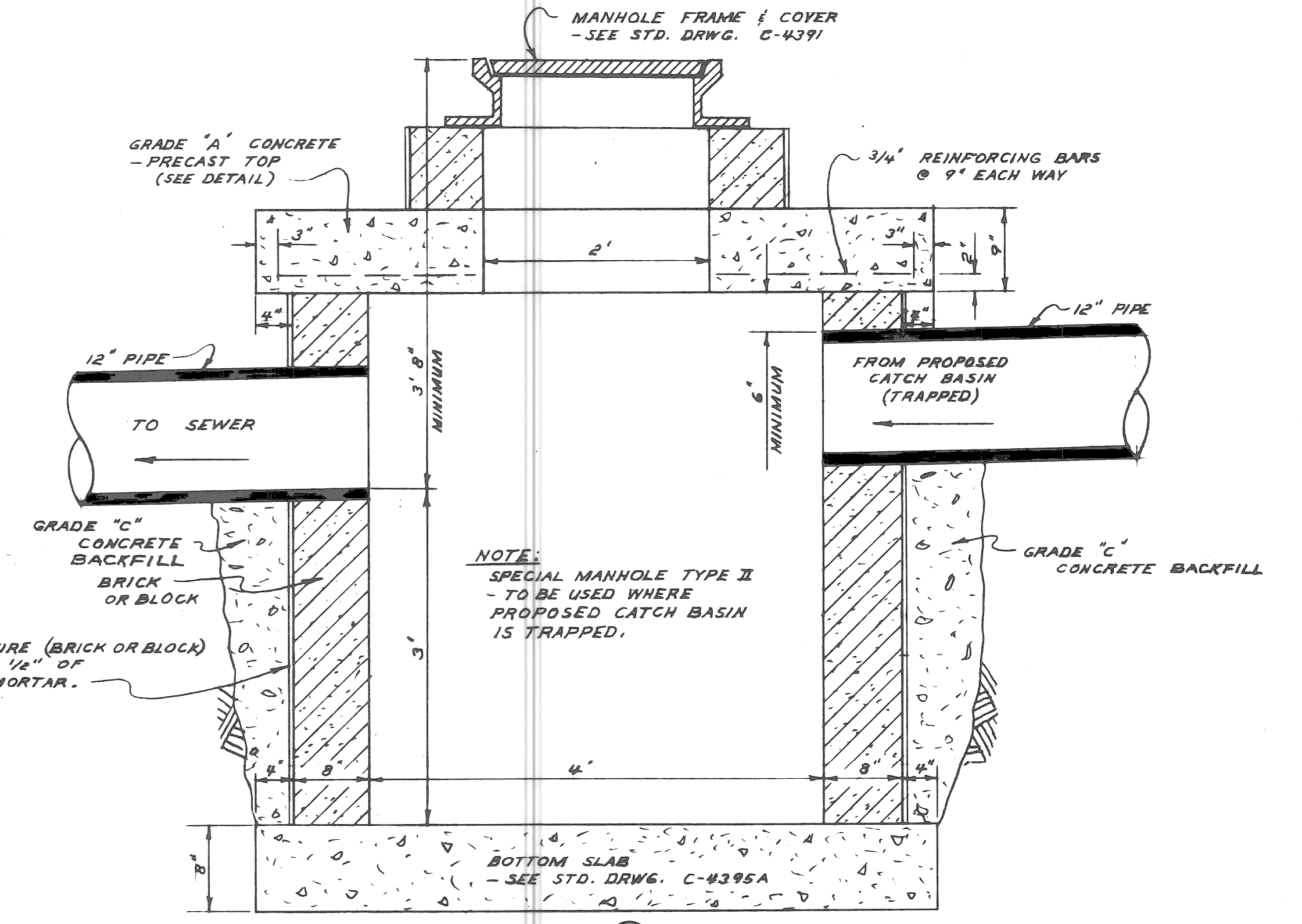
NOTE:  
12" SEWER PIPE WILL BE PAID FOR IN LINEAL FEET. 6" SEWER PIPE IS INCIDENTAL TO SPECIAL ABANDONMENTS.



12" x 12" Y BRANCH - EXTRA STRENGTH VITRIFIED CLAY PIPE OR C-76, CLASS II CONCRETE PIPE - INCLUDED IN UNIT PRICE FOR SPECIAL MANHOLE TYPE I.

NOTE:  
SPECIAL MANHOLE, TYPE I - TO BE USED WHERE PROPOSED CATCH BASIN IS NOT TRAPPED.

DETAIL (D<sub>x</sub>)  
SPECIAL MANHOLE, TYPE I (TRAPPED)



NOTE:  
SPECIAL MANHOLE TYPE II - TO BE USED WHERE PROPOSED CATCH BASIN IS TRAPPED.

DETAIL (D<sub>y</sub>)  
SPECIAL MANHOLE, TYPE II (NOT TRAPPED)

SPECIAL MANHOLE DETAILS

A.C.C. 4-1-69

DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	T. SEYMOUR		<i>W. R. Rasmussen</i> ADMINISTRATIVE ENGINEER
SEWERS APPROVED			<i>W. D. Howell</i> HEAD CIVIL ENGINEER
CHECKED BY	W. D. HOWELL		

DESCRIPTION	BY	DATE
REVISIONS		

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE

WIDENING OF DEXTER BOULEVARD  
MONTEREY TO CLEMENTS

DRAINAGE STRUCTURE DETAILS

NO SCALE

SHEET 5 OF 19 SHEETS
CONTRACT No. P.W.5767-B
A.O. 1837-B
DATE 4-30-68

**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
- Ⓢ P.L.C. HANDHOLE
- Ⓟ EXISTING P.L.C. CONDUIT TO BE ABANDONED BY OTHERS—PRIOR TO CONSTRUCTION

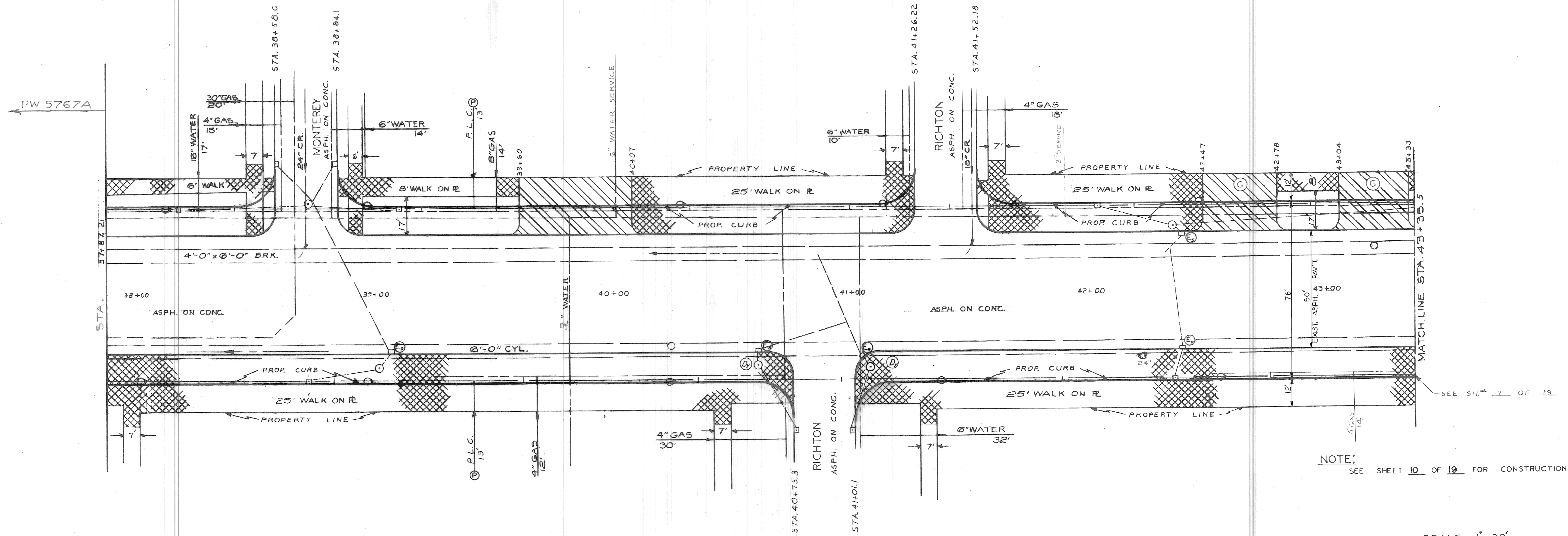
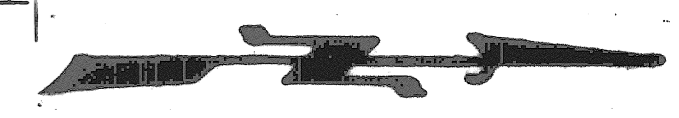
**CONTRACTORS NOTE:**

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

**NOTE:**

FOR SYMBOLS Ⓜ & Ⓞ SPECIAL CATCH BASIN ABANDONMENT SEE DETAIL SHEET # 5 OF 19  
 FOR SYMBOLS Ⓟ & ETC. SEE STANDARD DETAIL DRAWING C-902A & C-4378

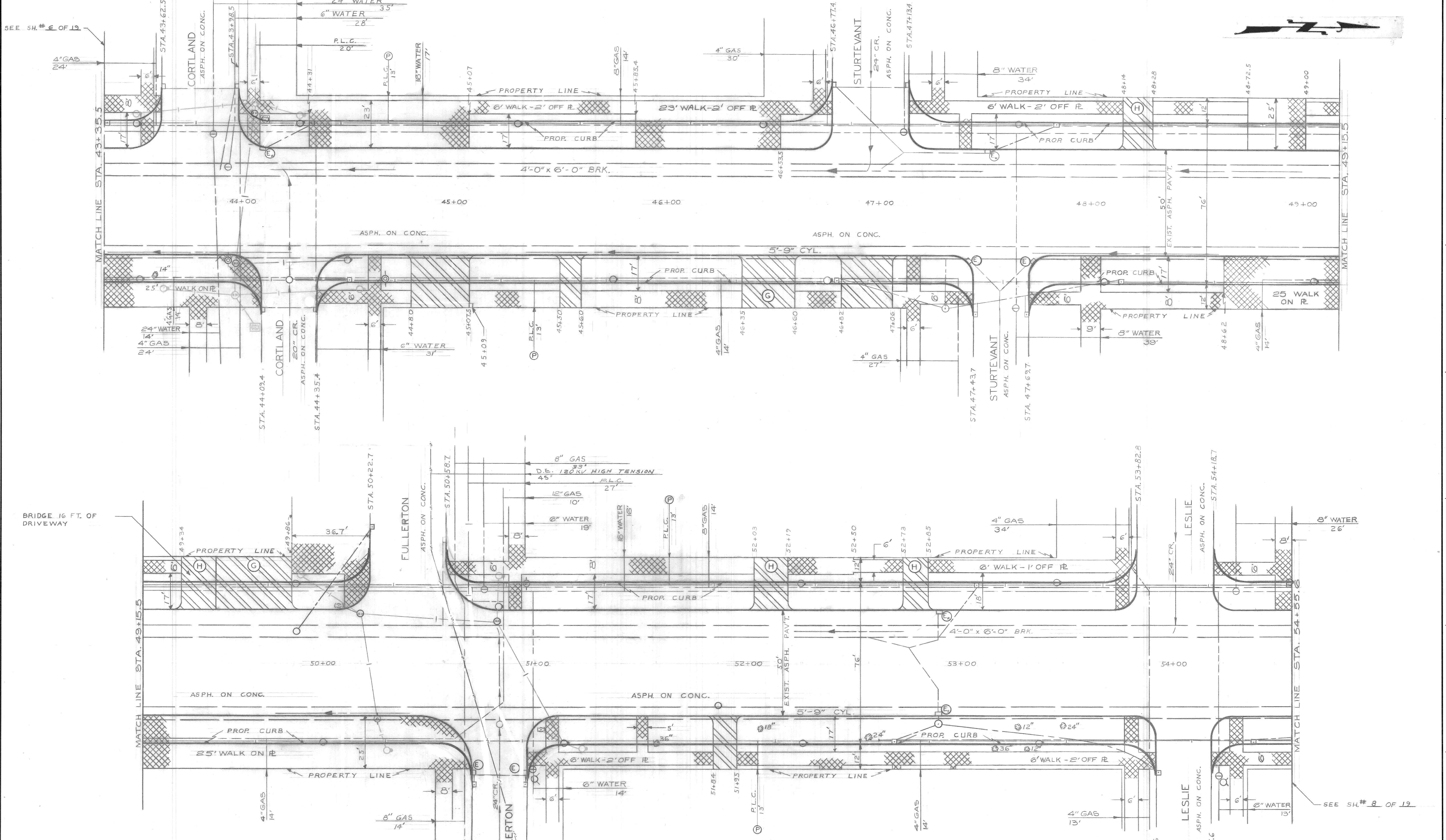
ALL SIDEWALKS ON INTERSECTING STREETS TO BE REMOVED TO A DISTANCE OF 6' FROM DEXTER PROPERTY LINE UNLESS OTHERWISE NOTED.



NOTE: SEE SHEET 10 OF 19 FOR CONSTRUCTION

SCALE 1"=20'

	A.C.C. 4-1-69		APPROVED: <i>J. Erickson</i> ENGINEER OF STREETS	<b>CITY OF DETROIT</b> DEPARTMENT OF PUBLIC WORKS CITY ENGINEERS OFFICE	WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS	SHEET 6 OF 19 SHEETS CONTRACT No. PW 5767-B
			APPROVED: <i>W. R. Samuel</i> ADMINISTRATIVE ENGINEER		UTILITY AND REMOVAL STA. 37+87.21 TO STA. 43+35.5	A.O. 1837-B
			APPROVED: <i>C. J. Anderson</i> HEAD CIVIL ENGINEER			DATE 4-30-68
DESIGNED BY <i>P. E. W.</i> DRAWN BY SEWERS APPROVED CHECKED BY <i>W.D.</i>	REFERENCE DRAWINGS L.C. 5/1962 DRW. CRP. APVD. DATE					
4" GAS LINE ADDED E. SIDE DEXTER REVISIONS						



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

NOTE:  
SEE SHEETS 11&12 OF 19  
FOR CONSTRUCTION

SCALE 1"=20'

A.C.C. 4-1-69

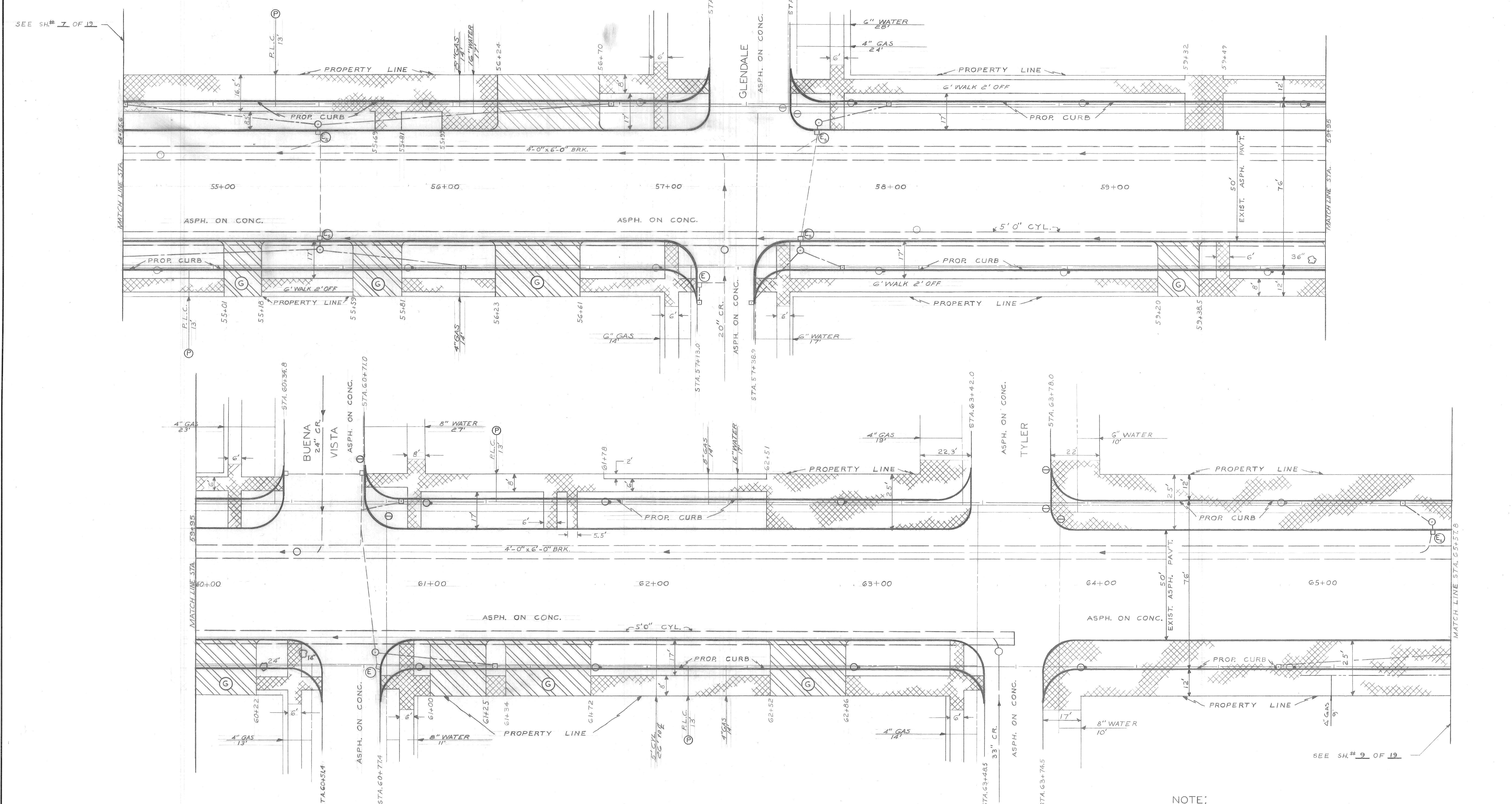
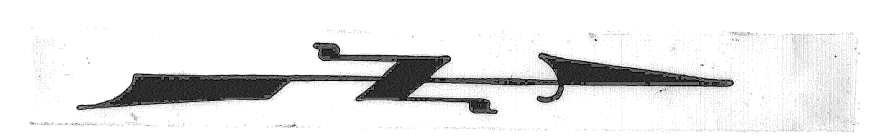
DESIGNED BY R. G. W. F. ALLGOOD	APPROVED: J. Erickson ENGINEER OF STREETS W. P. Hammond ADMINISTRATIVE ENGINEER R. C. Hedder HEAD CIVIL ENGINEER
DRAWN BY	CHECKED BY W. D. M. K...
SEWERS APPROVED	
DESCRIPTION ADDED DET. EDISON LINE ON FULLERTON	
REVISIONS	

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 No. 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'

ACC. 4-1-69

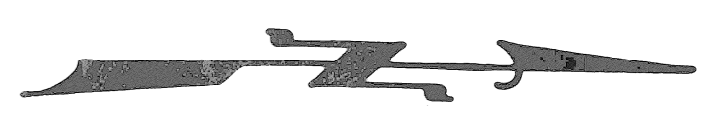
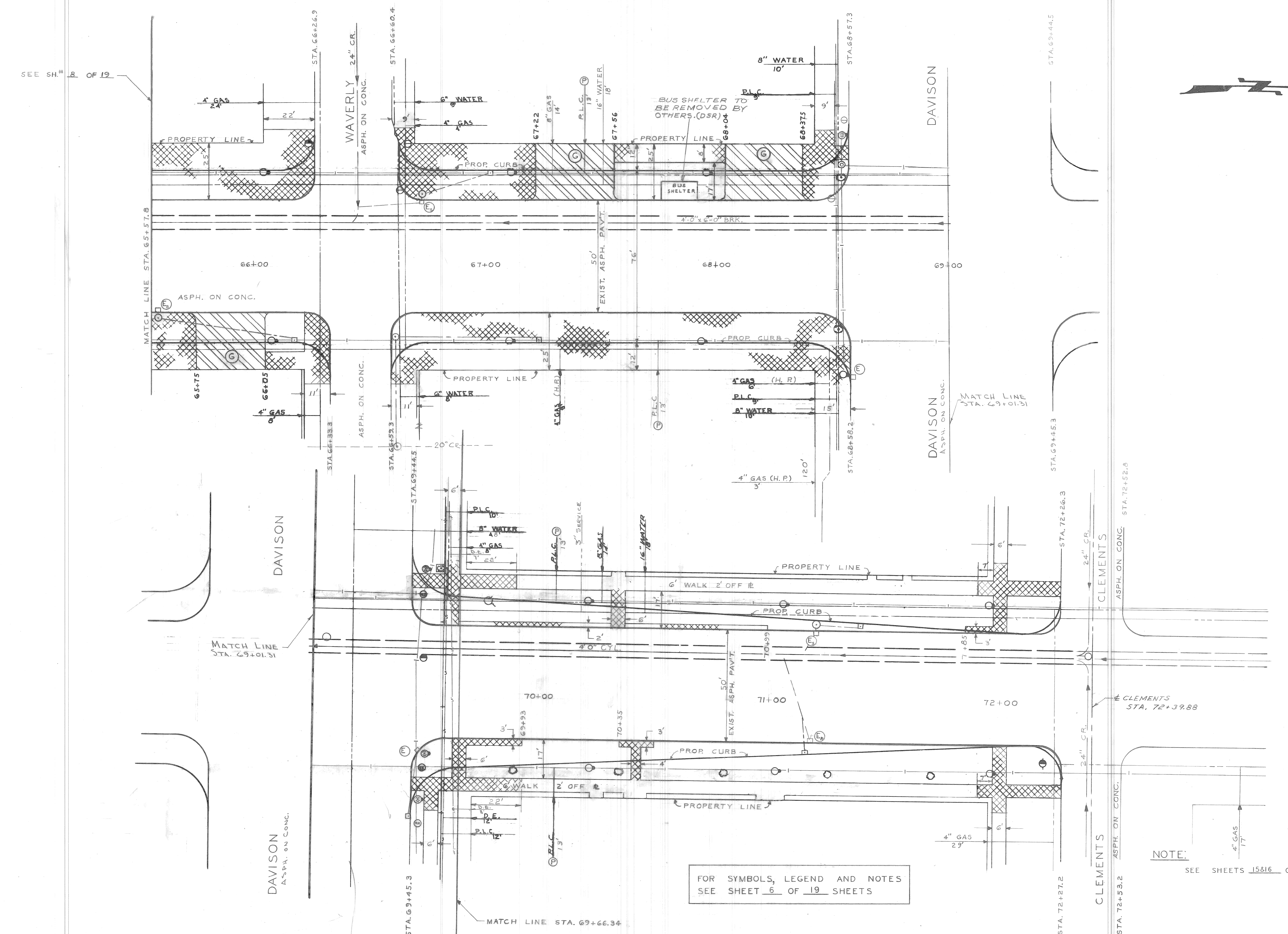
DESIGNED BY	F. ALLGOOD	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY			<i>W. A. Hammond</i> ADMINISTRATIVE ENGINEER
SEWERS APPROVED			<i>C. C. Sedore</i> HEAD CIVIL ENGINEER
CHECKED BY	W.D. n. KAWIOWAS		
DESCRIPTION	4" GAS LINE ADDED E. SIDE DEXTER		
REVISIONS			

**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

SHEET	8 OF 19 SHEETS
CONTRACT NO.	PW 5767-B
A.O.	1837-B
DATE	4-30-68





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

NOTE:  
SEE SHEETS 15816 OF 19 FOR CONSTRUCTION

A.C.C. 4-1-69

SCALE 1"=20'

NO.	DATE	DESCRIPTION
1	4-1-69	ADDED DET. EDISON LINE N. SIDE DAVIDSON

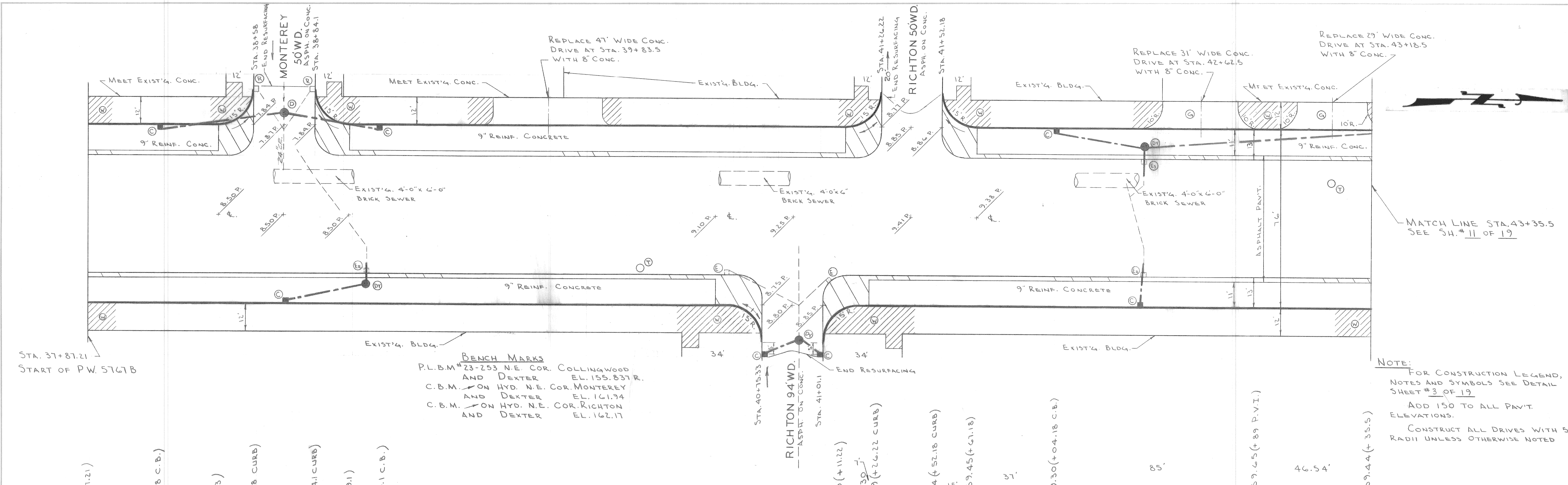
DESIGNED BY	F. ALLGOOD
DRAWN BY	
SEWERS APPROVED	
CHECKED BY	W.D. McFarland

APPROVED:	<i>Ericson</i> ENGINEER OF STREETS
	<i>W.A. Bennett</i> ADMINISTRATIVE ENGINEER
	<i>C.P. Adner</i> HEAD CIVIL ENGINEER

**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

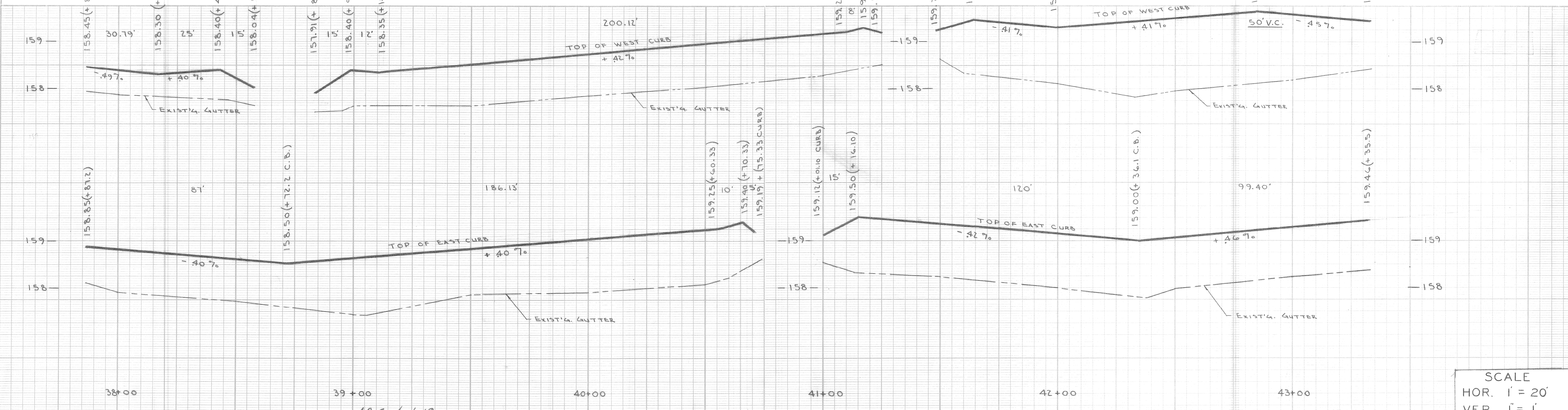
SHEET 9 OF 19 SHEETS
CONTRACT No. PW 5767-B
A.O. 1837-B
DATE 4-30-68



STA. 37+87.21  
START OF PW 5767B

**BENCH MARKS**  
 P.L.B.M. #23-253 N.E. COR. COLLINGWOOD  
 AND DEXTER EL. 155.837R.  
 C.B.M. ON HYD. N.E. COR. MONTEREY  
 AND DEXTER EL. 161.94  
 C.B.M. ON HYD. N.E. COR. RICHTON  
 AND DEXTER EL. 162.17

**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



DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	L. CHAPMAN	SEWER APPROVED:	<i>W. P. Bennett</i> ADMINISTRATIVE ENGINEER
CHECKED BY	<i>W.O. n. Kowars</i>	HEAD CIVIL ENGINEER:	<i>C. C. Sedgewick</i>
REVISIONS			

**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

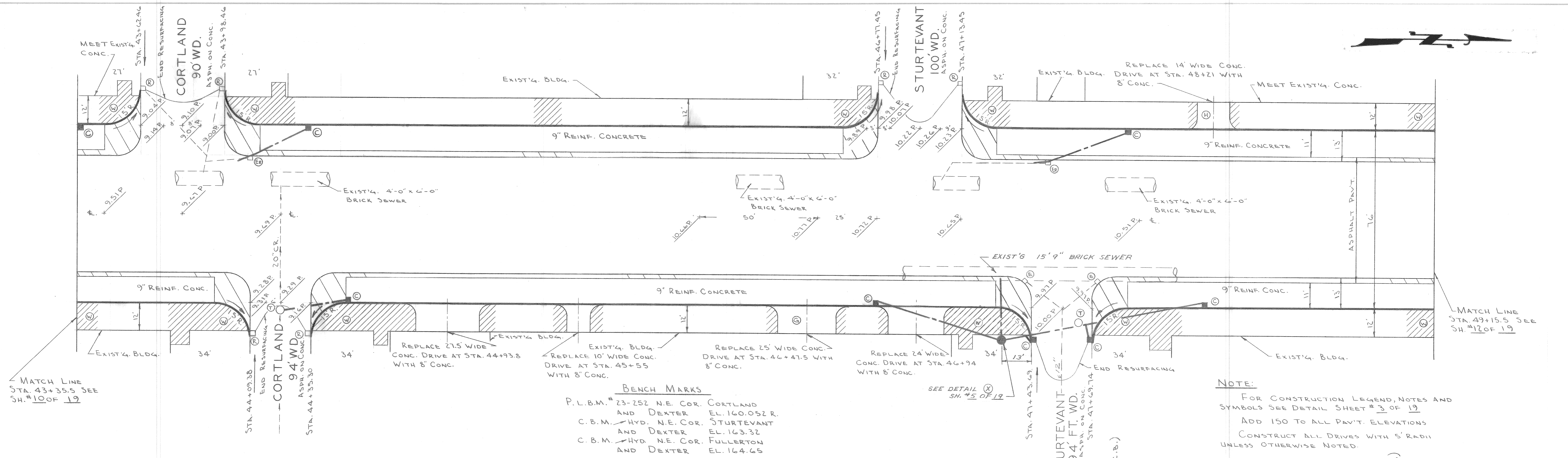
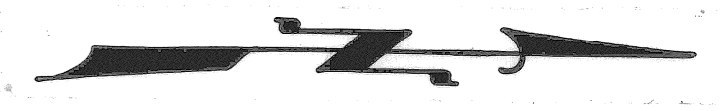
AS BUILT 4-1-69

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS

PAVING PLAN AND PROFILES  
 STA. 37+87.2 TO STA. 43+35.5

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

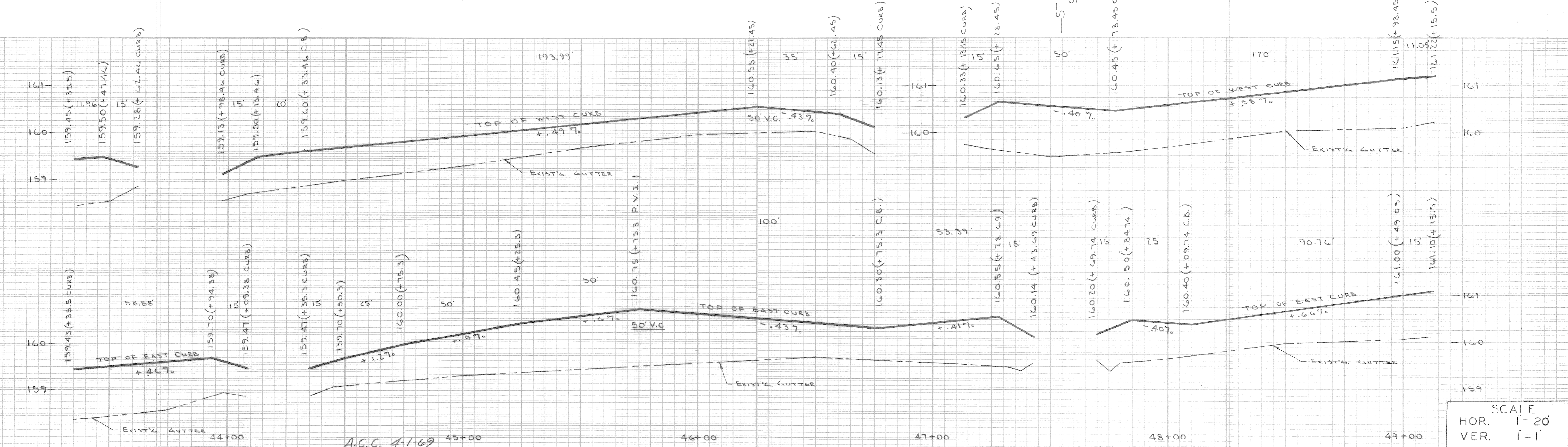


MATCH LINE  
STA. 43+35.5 SEE  
SH. #10 OF 19

MATCH LINE  
STA. 49+15.5 SEE  
SH. #12 OF 19

**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. STURTEVANT  
 AND DEXTER EL. 163.32  
 C.B.M. HYD. N.E. COR. FULLERTON  
 AND DEXTER EL. 164.65

**NOTE:**  
 FOR CONSTRUCTION LEGEND, NOTES AND  
 SYMBOLS SEE DETAIL SHEET # 3 OF 19  
 ADD 150 TO ALL PAV'T. ELEVATIONS  
 CONSTRUCT ALL DRIVES WITH 5' RADII  
 UNLESS OTHERWISE NOTED.



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

DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	L. CHAPMAN		<i>W. B. Samuel</i> ADMINISTRATIVE ENGINEER
SEWERS APPROVED		CHECKED BY	<i>W.O.</i> 7/15/69 HEAD CIVIL ENGINEER
REVISIONS	DRN C KD APVD DATE		
ADDED AS BUILT DRAINAGE	R.C.M.	7/10/70	

**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

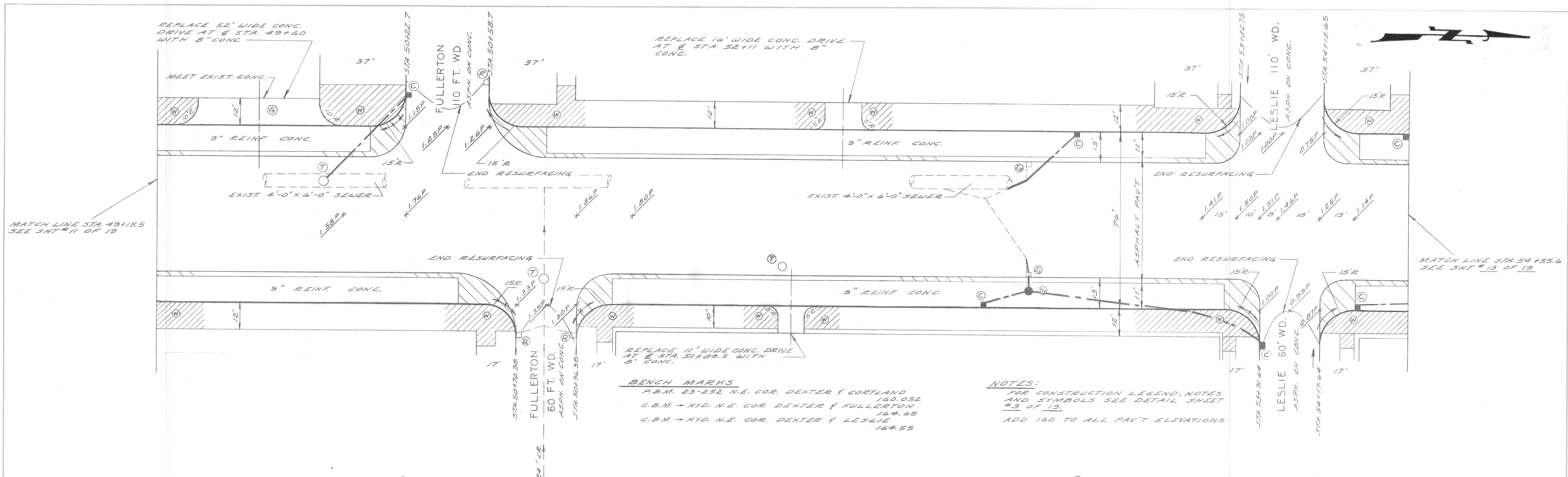
AS BUILT 4-1-69

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS

PAVING PLAN AND PROFILES  
 STA. 43+35.5 TO STA. 49+15.5

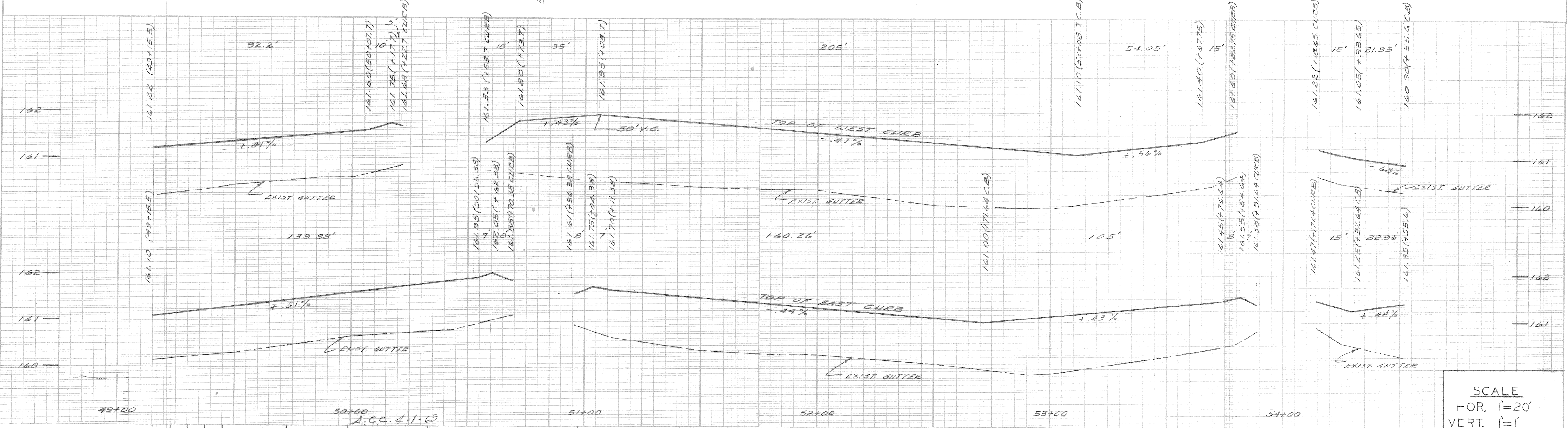
AS BUILT

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



**BENCH MARKS**  
 P.B.M. 23-252 N.E. COR. DEXTER & CORTLAND 140.052  
 C.B.M. + HYD. N.E. COR. DEXTER & FULLERTON 164.65  
 C.B.M. + HYD. N.E. COR. DEXTER & LESLIE 164.55

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



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

SHEET 12 OF 19 SHEETS  
 CONTRACT No. PW5767-B  
 A.O. 1837-B  
 DATE 4-30-1968

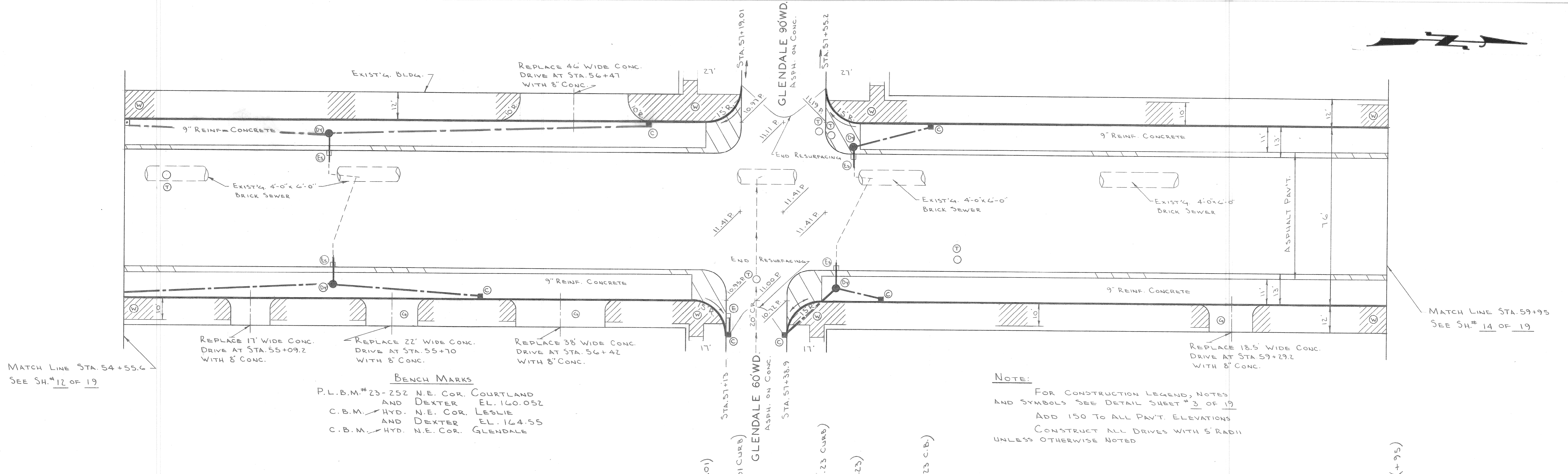
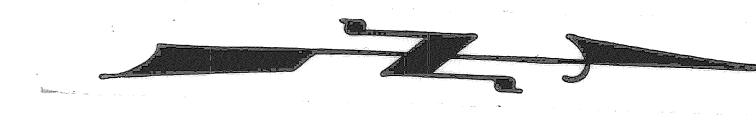
DESIGNER	DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	R. C. M. GREGOR	SEWERS APPROVED	<i>W. A. Bannum</i> ADMINISTRATIVE ENGINEER	
CHECKED BY	W. D. M. KAWAN		<i>C. J. Sedore</i> HEAD CIVIL ENGINEER	
DATE	7/13/70			

**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

AS BUILT 4-1-69

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS  
 PAVING PLAN AND PROFILES  
 STA. 49+15.5 TO STA. 54+55.6

ADDED AS BUILT DRAINAGE	R. C. M.	7/13/70
DESCRIPTIONS	DRN	CK'D
REVISIONS	AP'D	DATE

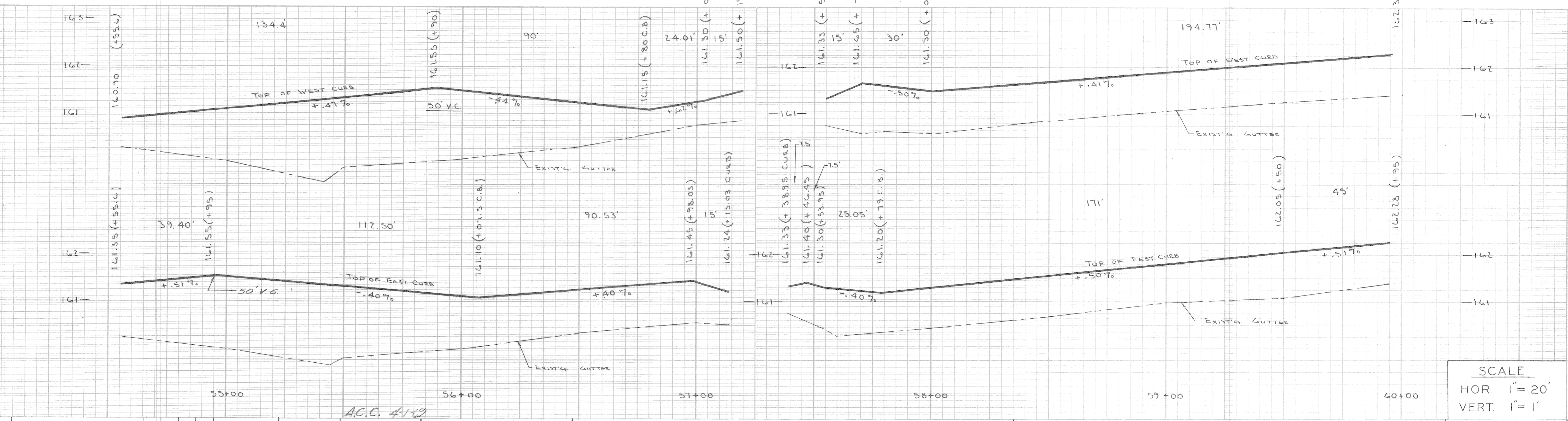


MATCH LINE STA. 54+55.6  
SEE SH. # 12 OF 19

**BENCH MARKS**  
 P.L.B.M.# 23-252 N.E. COR. COURTLAND  
 AND DEXTER EL. 160.052  
 C.B.M. HYD. N.E. COR. LESLIE  
 AND DEXTER EL. 164.55  
 C.B.M. HYD. N.E. COR. GLENDALE

**NOTE:**  
 FOR CONSTRUCTION LEGEND, NOTES  
 AND SYMBOLS SEE DETAIL SHEET # 3 OF 19  
 ADD 150 TO ALL PAV'T. ELEVATIONS  
 CONSTRUCT ALL DRIVES WITH 5' RADII  
 UNLESS OTHERWISE NOTED

MATCH LINE STA. 59+95  
SEE SH. # 14 OF 19



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

DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	L. CHAPMAN	SEWERS APPROVED	<i>W.R. Bennett</i> ADMINISTRATIVE ENGINEER
CHECKED BY	W.O. <i>M. K...</i>		<i>C.P. Hedden</i> HEAD CIVIL ENGINEER
REFERENCE DRAWINGS			
ADDED AS BUILT DRAINAGE	R.C. 11/15/70		
DESCRIPTIONS	DRN CK'D APV'D DATE		
REVISIONS			

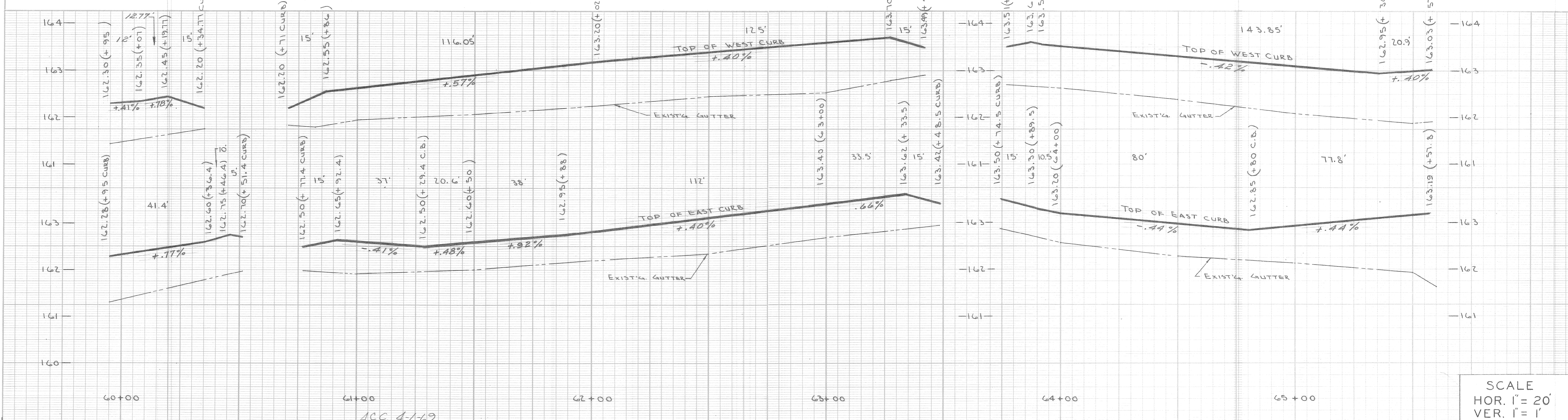
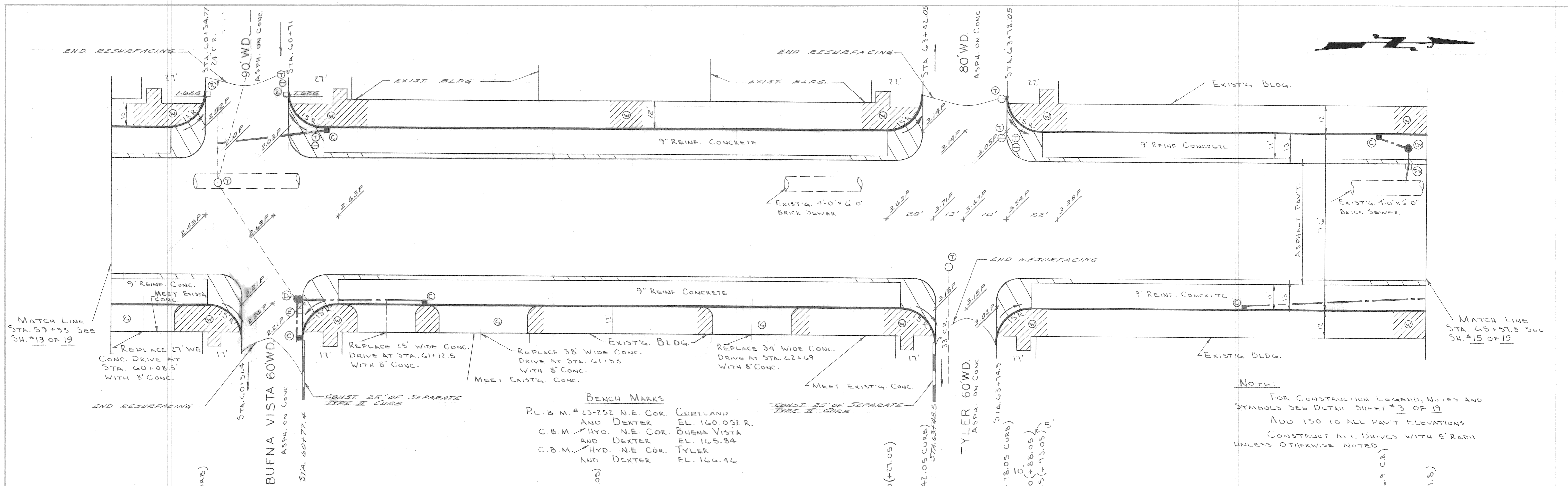
**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS  
 PAVING PLAN AND PROFILES  
 STA. 54+55.6 TO STA. 59+95

SHEET 13 OF 19 SHEETS  
 CONTRACT No. PW 5767-B  
 A.O. 1837-B  
 DATE 4-30-68

AS BUILT 4-1-69

AS BUILT



**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

**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

DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i>
DRAWN BY	L. CHAPMAN	ENGINEER OF STREETS	<i>W.P. Hammond</i>
SEWERS APPROVED		ADMINISTRATIVE ENGINEER	<i>R.C. Hedrick</i>
CHECKED BY	<i>W.D. M. Korman</i>	HEAD CIVIL ENGINEER	

**CITY OF DETROIT**  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE

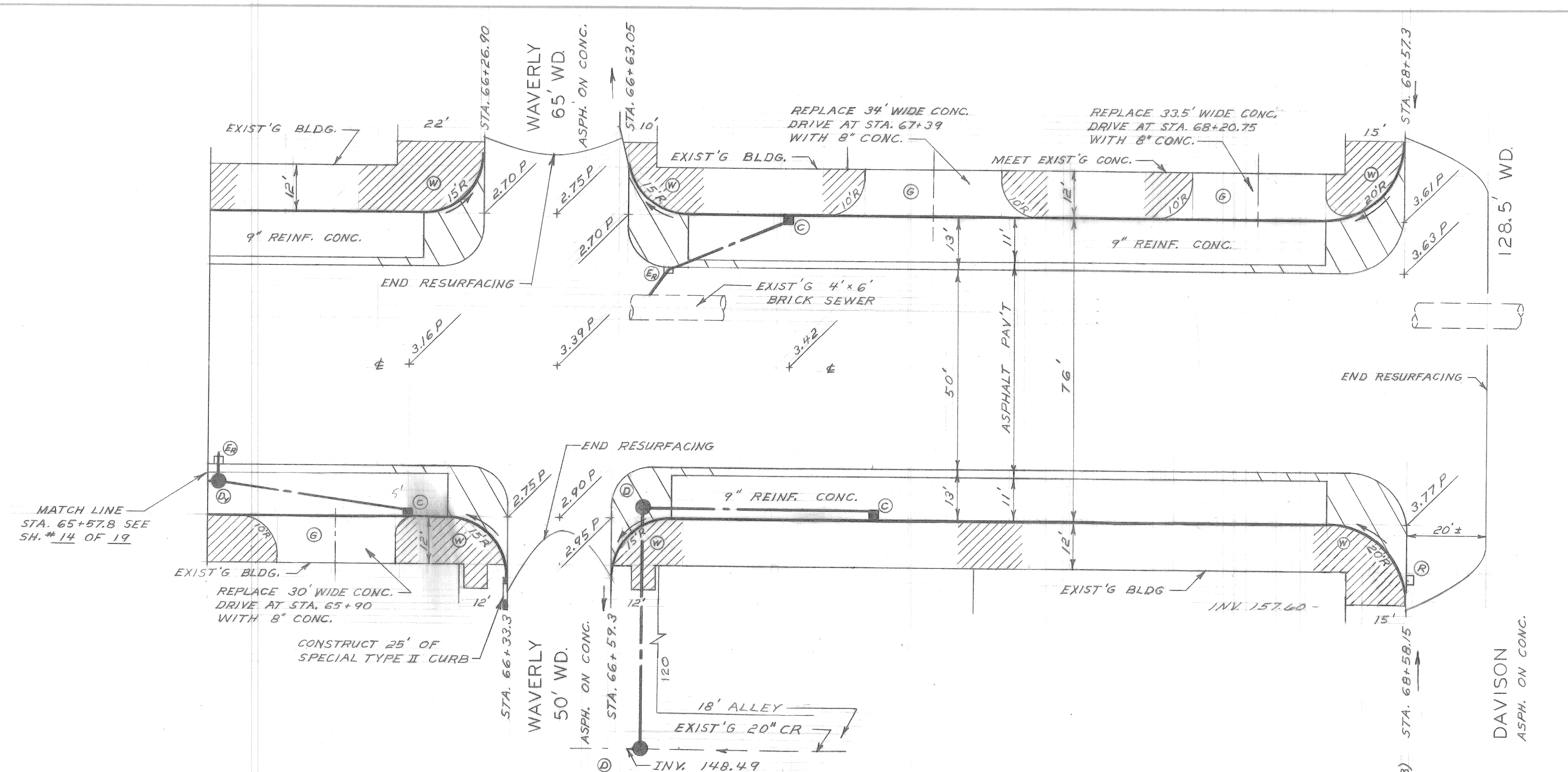
AS BUILT 4-1-69

WIDENING OF DEXTER BOULEVARD  
 MONTEREY TO CLEMENTS

PAVING PLAN AND PROFILES  
 STA. 59+95 TO STA. 65+57.8

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

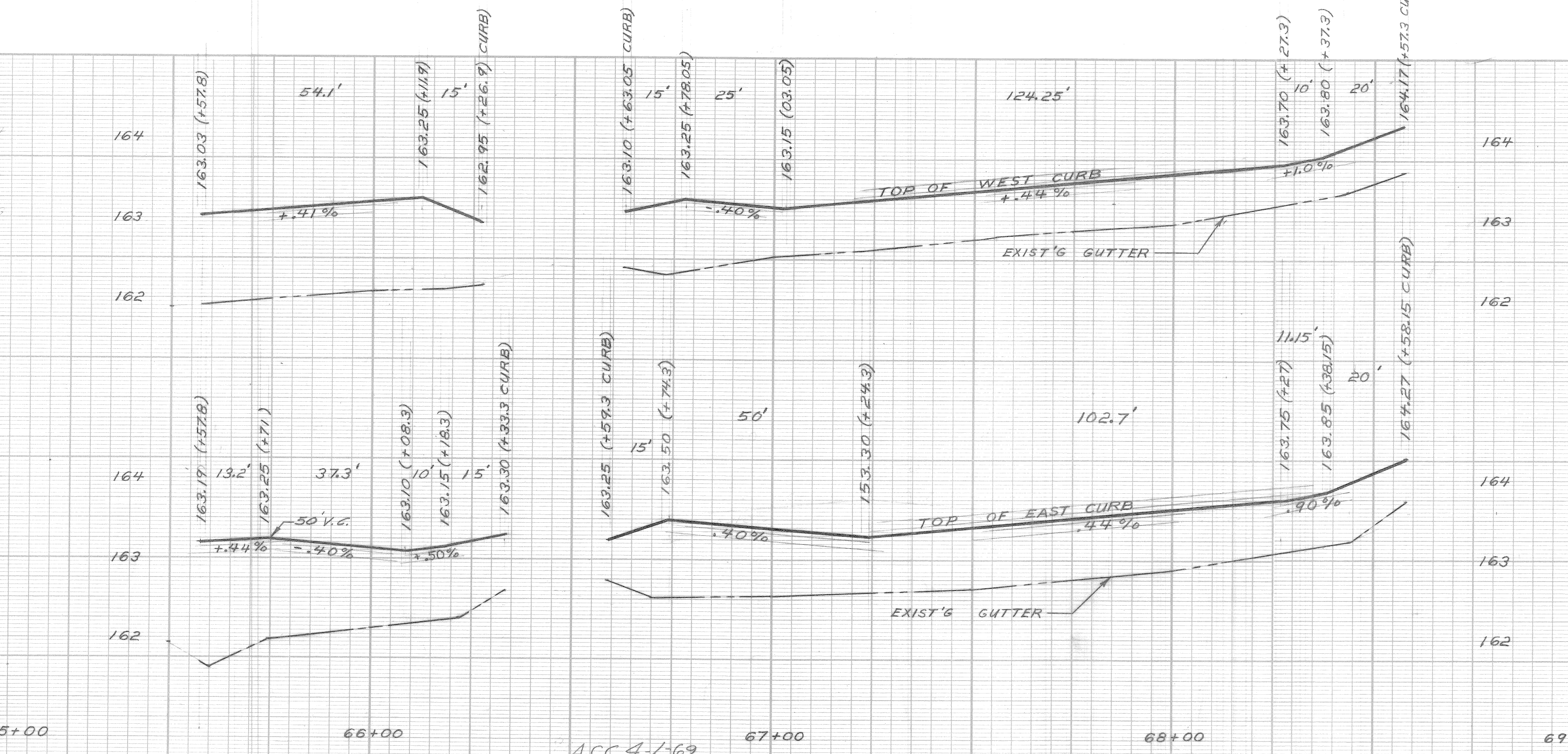
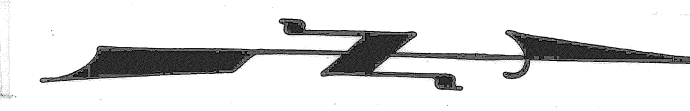
SHEET 14 OF 19 SHEETS  
 CONTRACT No. PW 5767-B  
 A.O. 1837-B  
 DATE 4-30-68



**NOTE:**  
 FOR CONSTRUCTION LEGEND, NOTES AND SYMBOLS SEE DETAIL SHEET #3 OF 19  
 ADD 160 TO ALL PAV'T ELEVATIONS.  
 CONSTRUCT ALL DRIVES WITH 5' RADII UNLESS OTHERWISE NOTED.

**BENCH MARKS**

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



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

DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	T. SEYMOUR	SEWERS APPROVED	<i>W. P. Hammond</i> ADMINISTRATIVE ENGINEER
CHECKED BY	W. O. <i>W. O. Hammond</i>	HEAD CIVIL ENGINEER	<i>R. C. Sedgewick</i> HEAD CIVIL ENGINEER
ADDED AS BUILT DRAINAGE	R. C. M.	DATE	7/13/70
DESCRIPTIONS	DR'N	CK'D	AP'VD
REVISIONS			

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

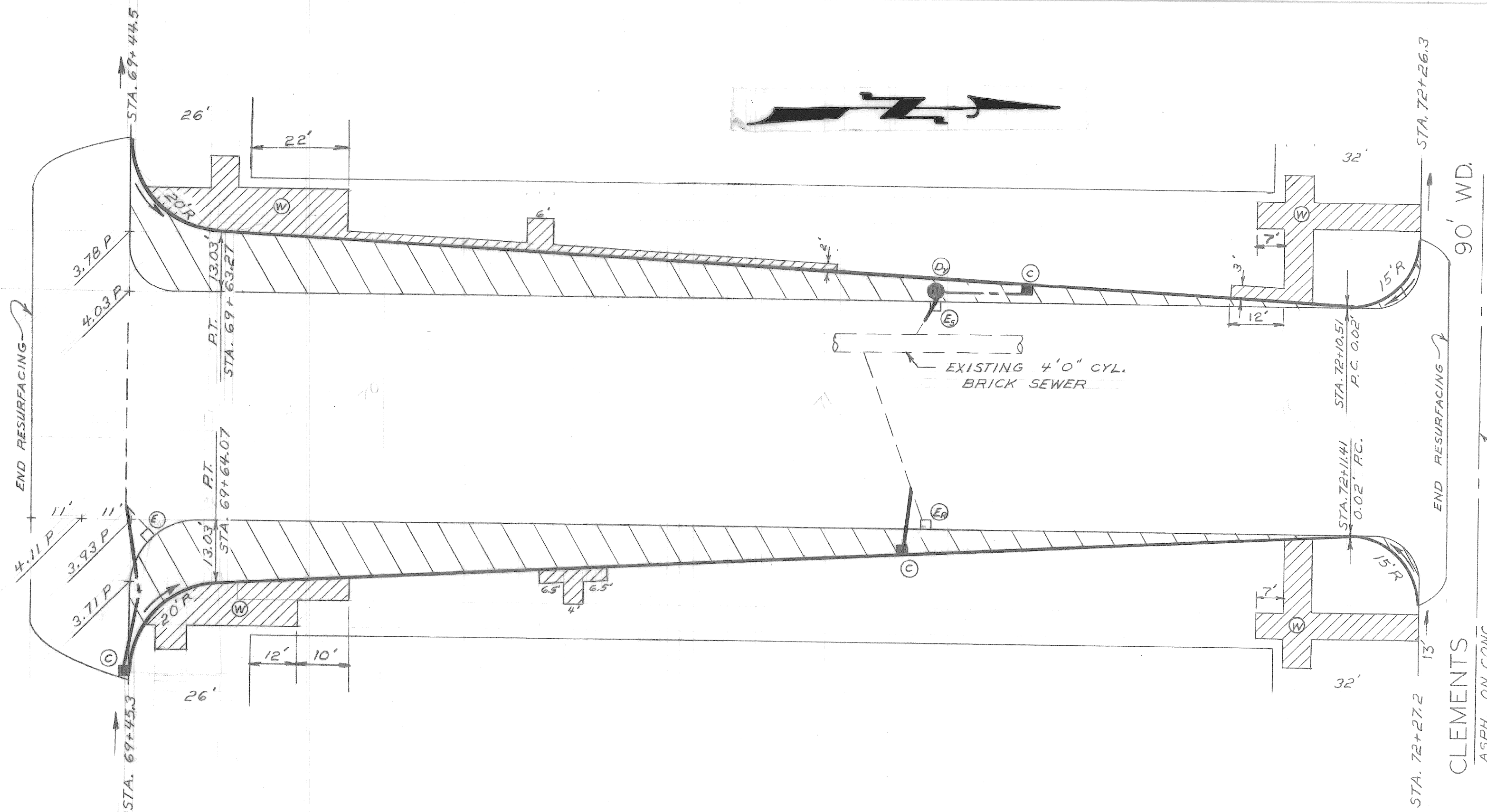
SHEET 15 OF 19 SHEETS  
 CONTRACT No. PW 5767-B  
 A.O. 1837-B  
 DATE 4-30-68

AS BUILT 4-1-69

MATCH LINE @ DAVISON  
STA. 69+01.31  
SEE SH. #15 OF 19

128.5' WD.

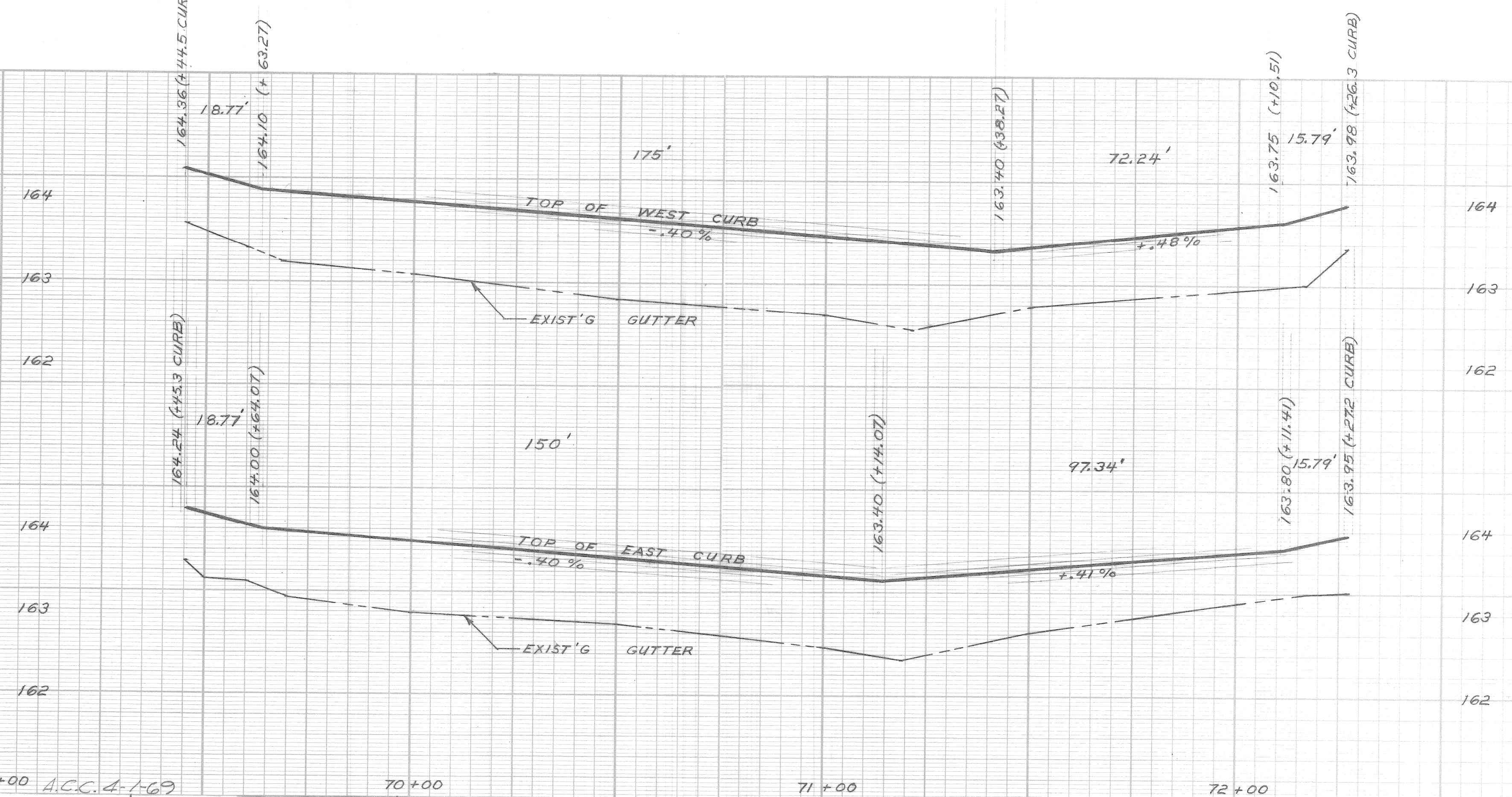
DAVISON  
ASPH. ON CONC.



**NOTE:**  
FOR CONSTRUCTION LEGEND, NOTES AND SYMBOLS SEE DETAIL SHEET #3 OF 19  
ADD 160 TO ALL PAVT ELEVATIONS.

**BENCH MARKS**

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



DESIGNER	DESIGNED BY	W. OWENS	APPROVED:	<i>J. Erickson</i> ENGINEER OF STREETS
DRAWN BY	T. SEYMOUR	SEWERS APPROVED	<i>W. R. Bannard</i> ADMINISTRATIVE ENGINEER	
CHECKED BY	<i>W.D.</i>	<i>M. Hamman</i>	<i>P. C. Hedeker</i> HEAD CIVIL ENGINEER	
REVISIONS	DR'N	CK'D	AP'D	DATE
ADDED AS BUILT DRAINAGE	R. C. M.			7/13/70

CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE

AS BUILT 4-1-69

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

AS BUILT

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



# UNDERGROUND

# LEGEND & GENERAL INFORMATION SHEET

# GENERAL NOTES

- 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 EXISTING P.L.C. DUCT RUN (4-3" SHOWN)
- 2-3" X ABANDON EXISTING P.L.C. DUCT RUN (2-3" SHOWN)
- 1-3" ENCASED CONDUIT (EXCEPT AS OTHERWISE INDICATED)
- 4-4" MULTIPLE ENCASED CONDUIT (4-4" SHOWN)
- 2-3" GALVANIZED IRON PIPE CONDUIT JACK IN PLACE (2-3" SHOWN)
- M.H.7890 BUILD NO.1 MANHOLE (2-WAY)
- △ M.H.1234 BUILD NO.1 MANHOLE (3-WAY)
- △ M.H.5678 BUILD NO.1 MANHOLE (CORNER)
- ◇ M.H.9012 BUILD NO.1 MANHOLE (4-WAY)
- 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

## OVERHEAD

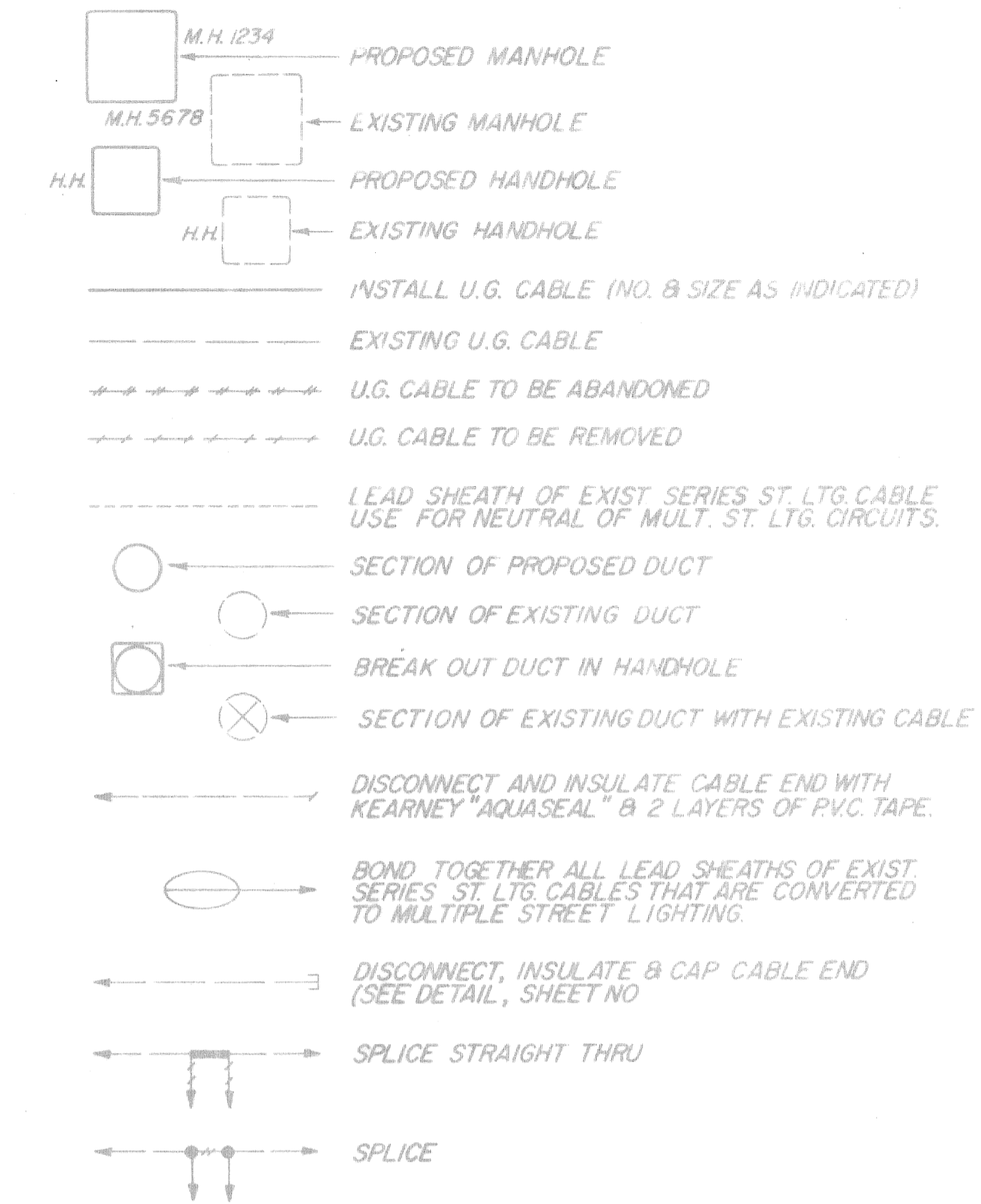
- E EXISTING WOOD POLE (D.E. CO. POLE SHOWN)
- C REMOVE WOOD POLE (P.L.C. POLE SHOWN)
- ⊙ REPLACE WOOD POLE (HEIGHT & CLASS AS INDICATED)
- ✕ INSTALL WOOD POLE (HEIGHT & CLASS AS INDICATED) (USE SALVAGED POLE WHERE INDICATED)
- ○ EXISTING OVERHEAD ST. LTG. UNIT
- ● REMOVE OVERHEAD ST. LTG. UNIT
- ○ INSTALL OVERHEAD ST. LTG. UNIT WITH 6 FT. ARM. (LUMINAIRE & LAMP SIZE AS INDICATED) (USE SALVAGED UNIT WHERE INDICATED)
- STA-24 (2-#6) EXISTING OVERHEAD LINE (2-#6 OF STANTON-24 SHOWN)
- 3-#2 (STA-662) REMOVE OVERHEAD LINE (3-#2 OF STANTON-662 SHOWN)
- 2-#6 (STA-24) INSTALL OVERHEAD LINE (2-#6 OF STANTON-24 SHOWN)
- 3-#6 (MULT) INSTALL & LATER REMOVE OVERHEAD LINE (3-#6 MULT. ST. LTG. SHOWN)
- 1/2" INSTALL GUY & ANCHOR (1/2" GUY SHOWN)
- REMOVE GUY & ANCHOR ROD
- 1/2" P INSTALL POLE GUY (1/2" GUY SHOWN)
- 3/8" A INSTALL ARM GUY (3/8" GUY SHOWN)
- P OR A 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
- EXISTING → C C P.L.C. DISTRIBUTION WIRE
- PROPOSED → C C
- EXISTING → CS CS P.L.C. SECONDARY WIRE
- PROPOSED → CS CS
- EXISTING → A A P.L.C. STREET LIGHTING WIRE
- PROPOSED → A A
- EXISTING → M M P.L.C. MULTIPLE STREET LIGHTING WIRE
- PROPOSED → M M

23

INDICATES SECTION NUMBER OF TOPOGRAPHICAL MAP OF CITY OF DETROIT.

## DIAGRAMS & DUCT ALLOCATION

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



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

1. CONTRACTOR TO NOTIFY MICH. CONS. GAS CO. AT WO-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.
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 DRWG. 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 1:1 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.

DATE	DESCRIPTION	CHGD. BY

## WIDENING OF DEXTER BOULEVARD MONTEREY TO CLEMENTS LEGEND AND GENERAL INFORMATION

DRAWN BY: C.E.A. CHECKED BY: HSB APPROVED BY: [Signature] DATE: 4-24-68	PLAN PREPARED BY: CONSULTING ENGINEERING ASSOCIATES INC. ENGINEERING CONSULTANTS 16580 WYOMING DETROIT, MICH. 48221	DRAWN BY: CHECKED BY: [Signature] APPROVED BY: [Signature] DATE:	CONTRACT NO. PW5767-B FILE NO. 51-0410-A SHEET NO. 17 OF 19 DATE 4-30-68
--	--	---	---

ACC. 4-1-69

CEA-PLC-2A CH

PUBLIC LIGHTING  
COMMISSION  
CITY OF DETROIT