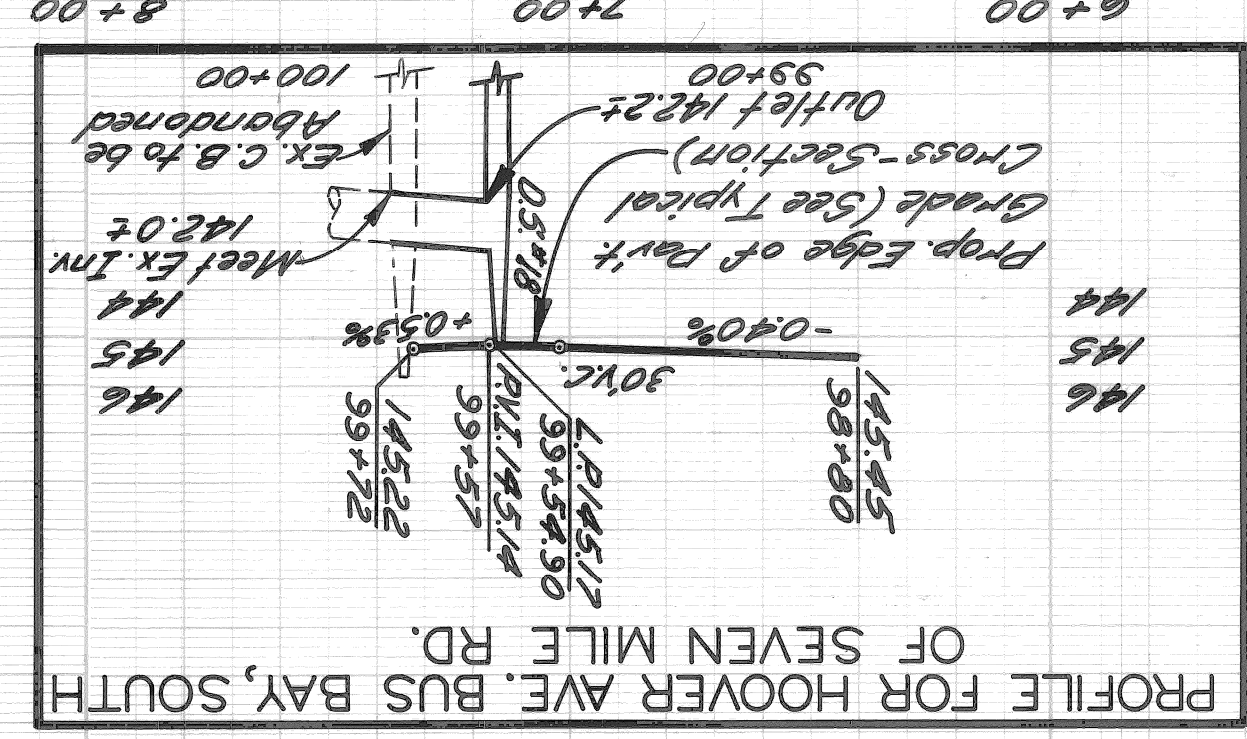
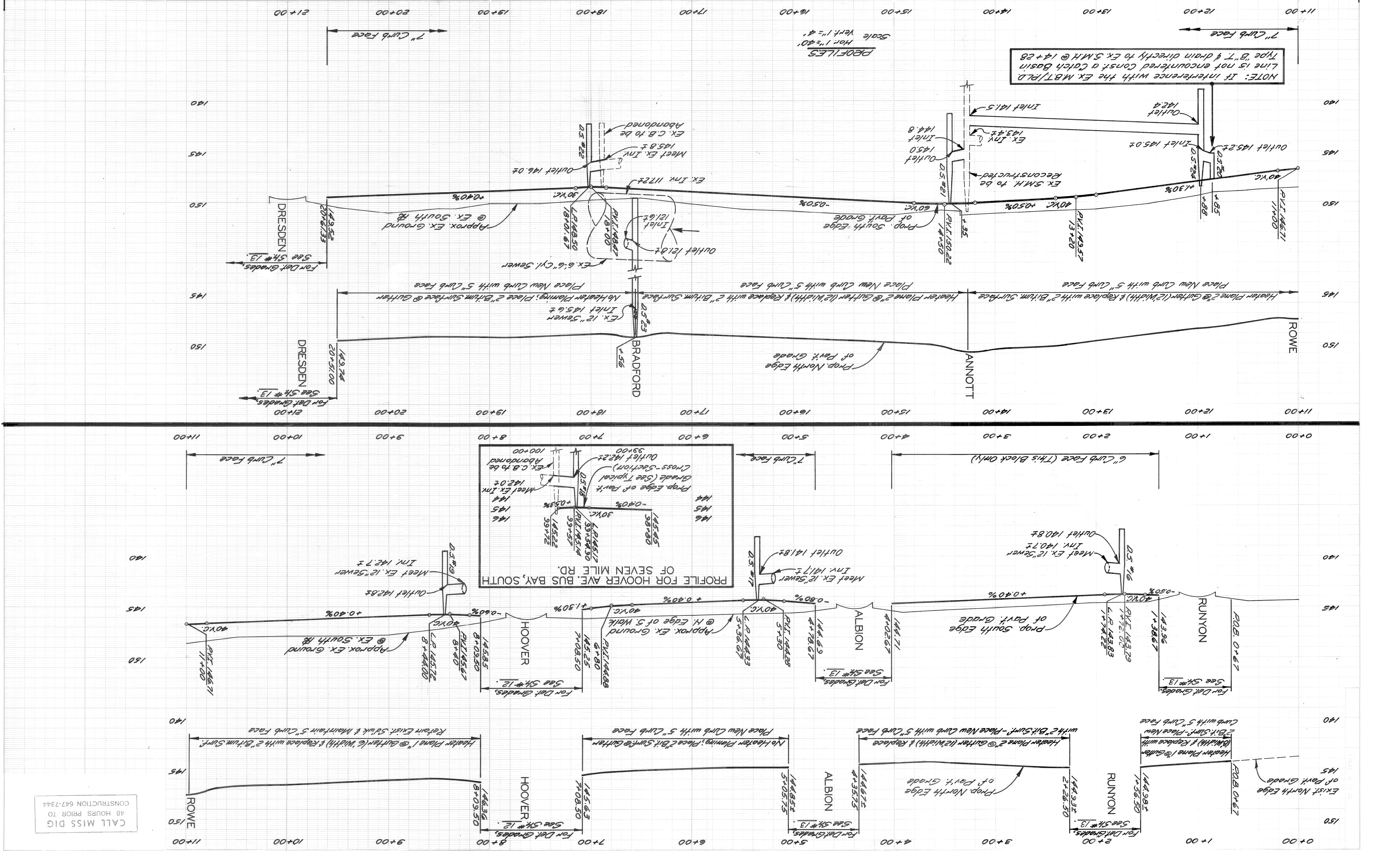


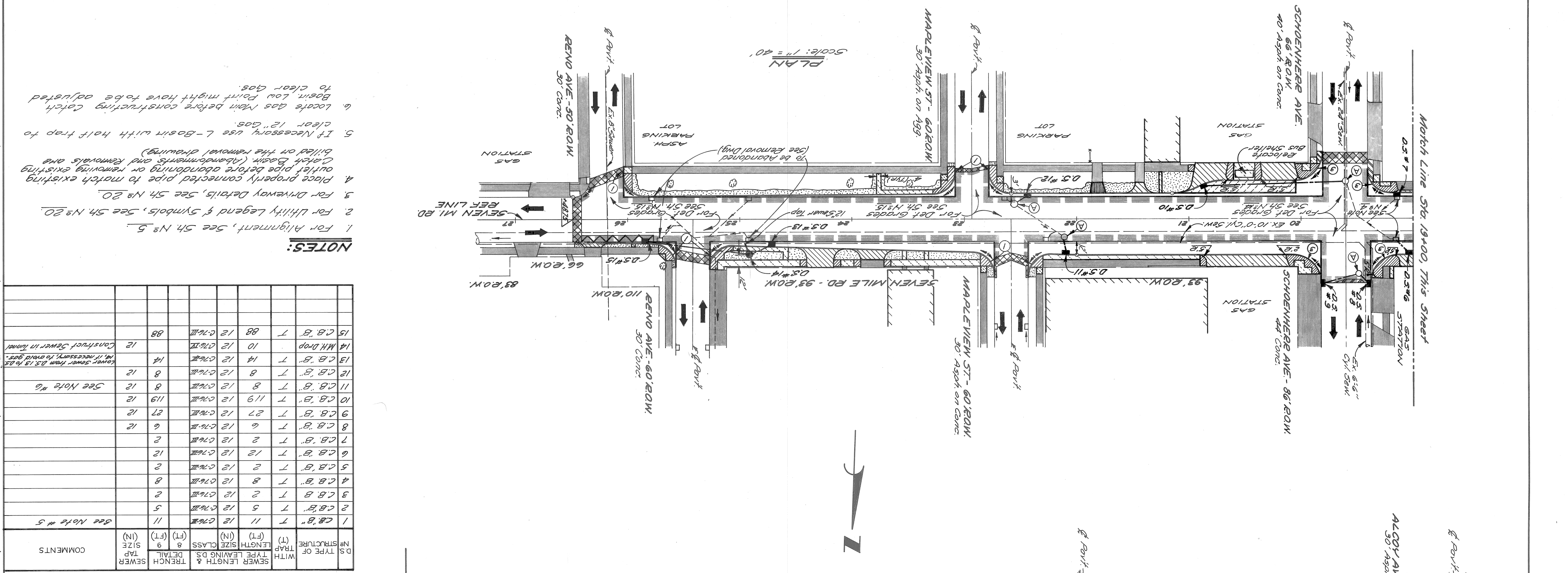
DESIGNED BY R.A.C.	APPROVED <i>Allen E. [Signature]</i> ENGINEER OF EXPRESSWAYS
DRAWN BY J.D.	
CHECKED BY	
FINAL REVIEW R.A.C.	



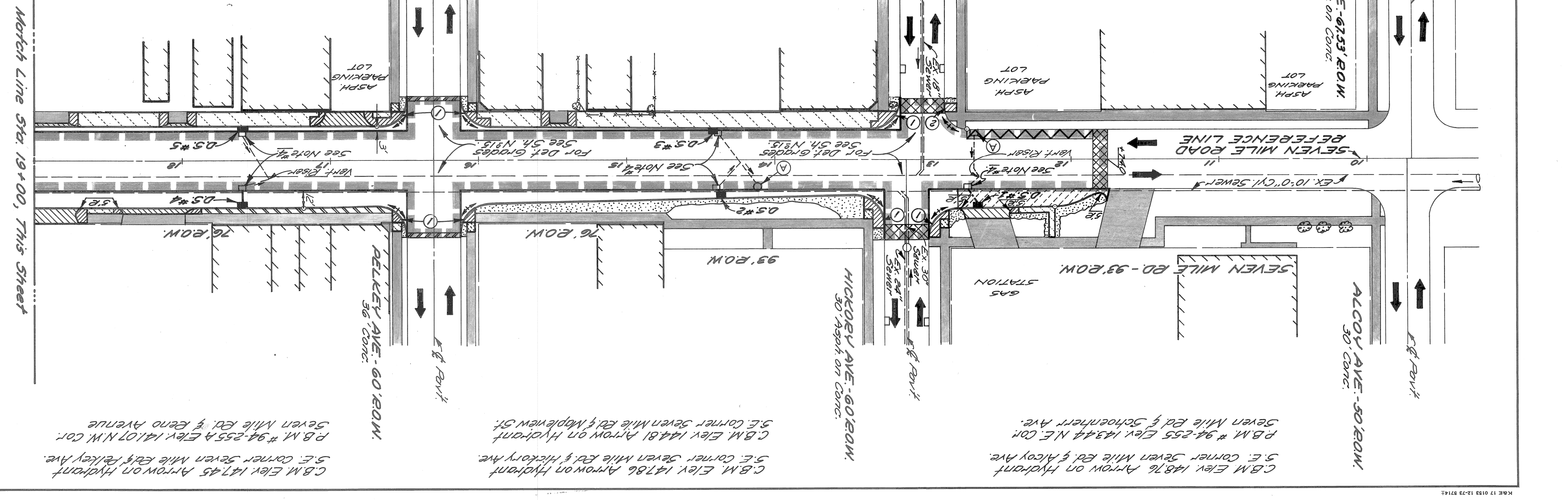
NOTE: If interference with the EX. MBT/R.L.D. line is not encountered const. a Catch Basin Type "B" T. & drain directly to Ex. SMH @ 14+28

PROFILES
 Hor. 1" = 40'
 Scale Vert. 1" = 4'

CALL MISS DIG
 48 HOURS PRIOR TO
 CONSTRUCTION 647-7344



D.S. TYPE OF STRUCTURE	WITH TRAP LENGTH & TRENCH DETAIL	SEWER LENGTH (FT.)	CLASS (N)	TAP SIZE (IN)	COMMENTS
1	C.B. "B"	11	12 C76-III	8	See Note # 5
2	C.B. "B"	5	12 C76-III	8	
3	C.B. "B"	2	12 C76-III	8	
4	C.B. "B"	8	12 C76-III	8	
5	C.B. "B"	2	12 C76-III	8	
6	C.B. "B"	12	12 C76-III	8	
7	C.B. "B"	2	12 C76-III	8	
8	C.B. "B"	6	12 C76-III	8	
9	C.B. "B"	27	12 C76-III	8	
10	C.B. "B"	119	12 C76-III	8	
11	C.B. "B"	8	12 C76-III	8	See Note # 6
12	C.B. "B"	8	12 C76-III	8	
13	C.B. "B"	14	12 C76-III	8	Lower sewer from 15.13 to 15.14, if necessary, to avoid grade.
14	M.H. Drop	10	12 C76-III	12	Construct Sewer in Trench
15	C.B. "B"	88	12 C76-III	88	

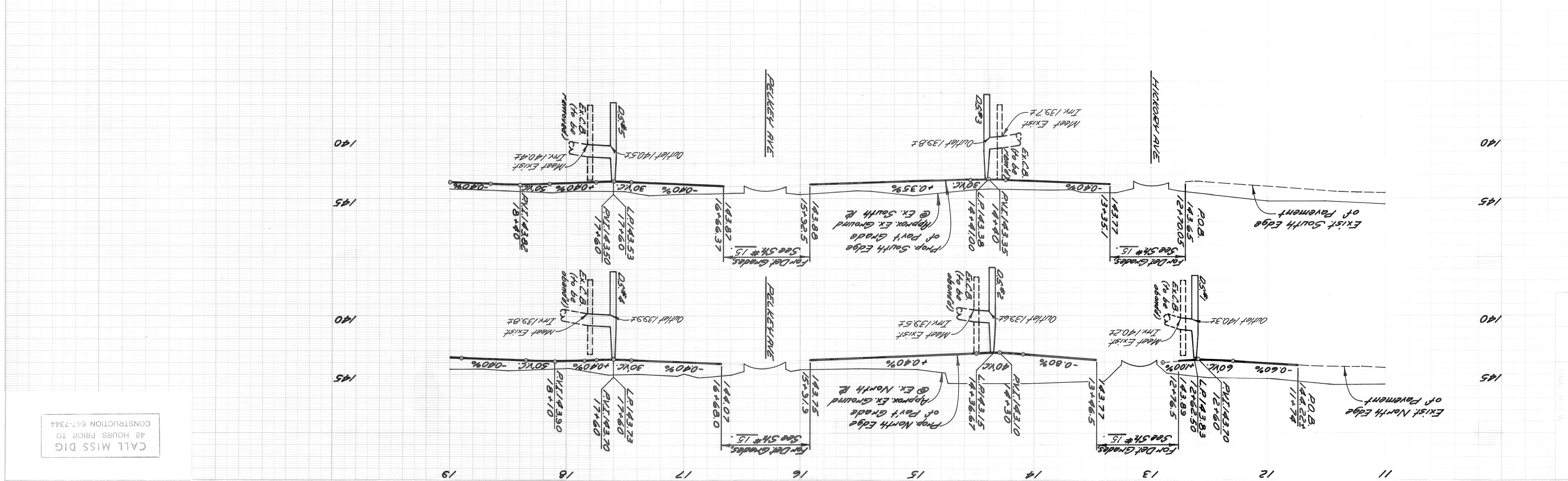
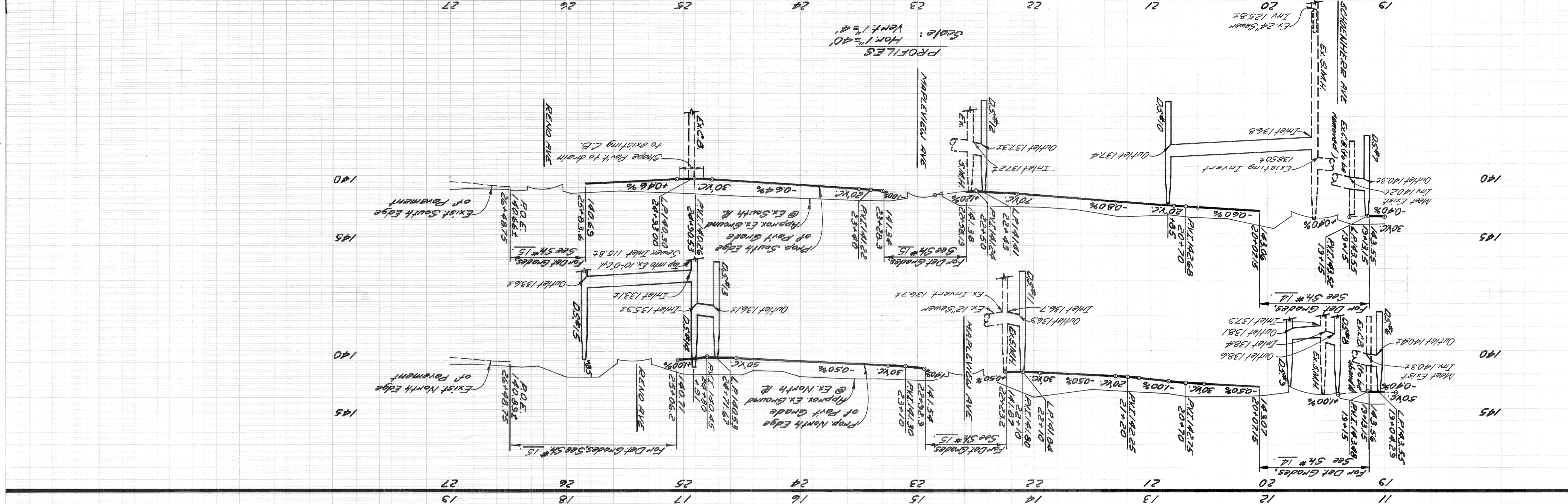


DATE NOV 14, 1975
 NO. 2302
 ASSIGNMENT
 CONTRACT NO. 08690A
 SHEET 11 OF 19 SHEETS

SEVEN MILE RD. - SCHOENHERR AVE.
 INTERSECTION IMPROVEMENT

CITY OF DETROIT
 CITY ENGINEERING DEPARTMENT

DESIGNED BY R.A.C.
 DRAWN BY J.D.
 CHECKED BY E.A.C.
 APPROVED BY [Signature]
 ENGINEER OF EXPRESSWAYS

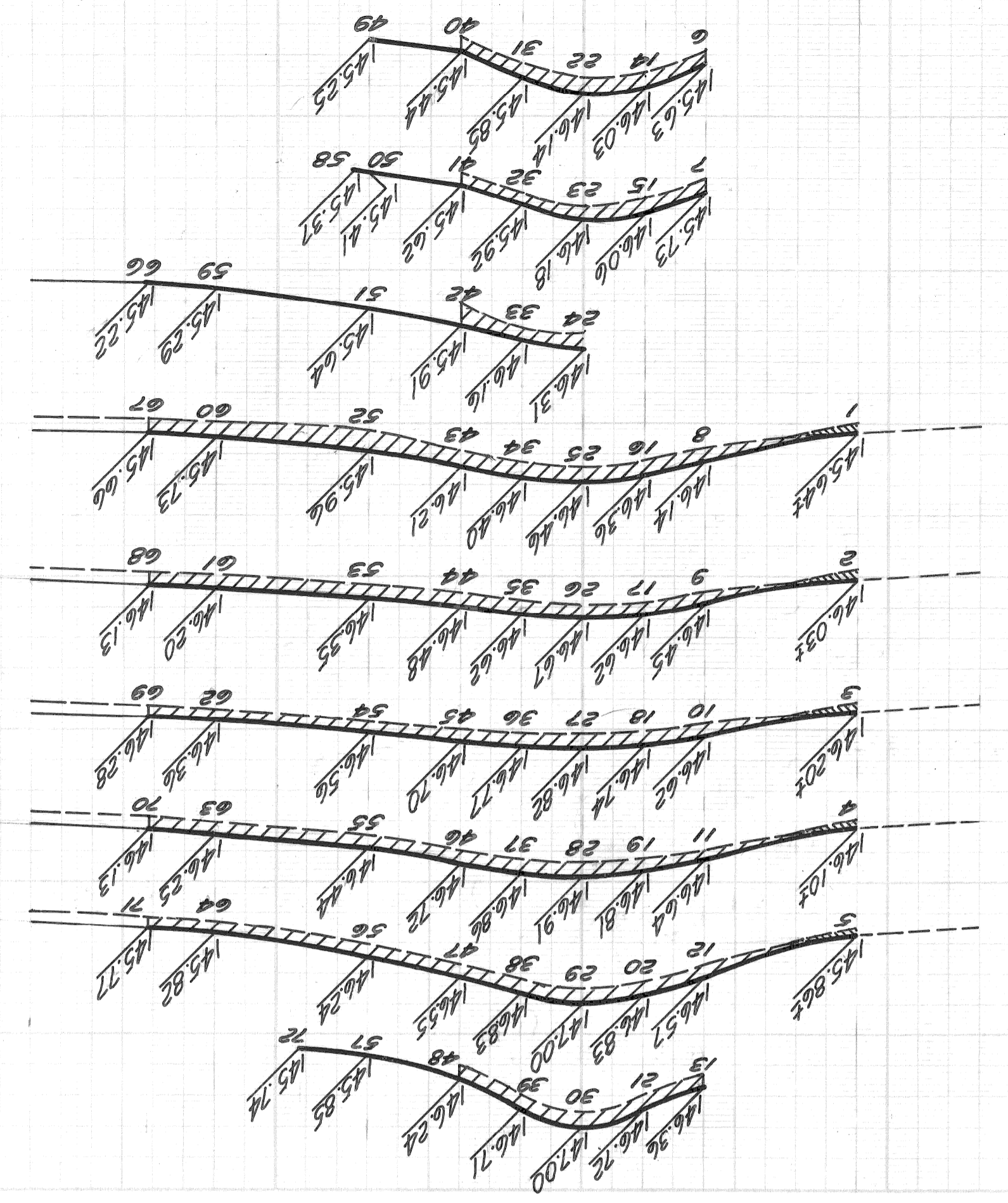


CALL MISS DIG
 48 HOURS PRIOR TO
 CONSTRUCTION 647-7344

C-5515

DATE NOV. 14, 1975		INDEXED NO. 2307		ASSIGNMENT		CONTRACT NO. 08692A		SHEET 12 OF 49 SHEETS	
CITY OF DETROIT		CITY ENGINEERING DEPARTMENT		APPROVED BY: <i>J.R.D.</i>		CHECKED BY: <i>W.B.</i>		GRADE	
CITY OF DETROIT		CITY ENGINEERING DEPARTMENT		APPROVED BY: <i>J.R.D.</i>		CHECKED BY: <i>W.B.</i>		ESTIMATE	
CITY OF DETROIT		CITY ENGINEERING DEPARTMENT		APPROVED BY: <i>J.R.D.</i>		CHECKED BY: <i>W.B.</i>		FINAL	
CITY OF DETROIT		CITY ENGINEERING DEPARTMENT		APPROVED BY: <i>J.R.D.</i>		CHECKED BY: <i>W.B.</i>		REVISIONS	

SEVEN MILE RD. - HOOVER AVE.
INTERSECTION IMPROVEMENT
DETAILED GRADES FOR SEVEN MILE RD. AT HOOVER AVE.

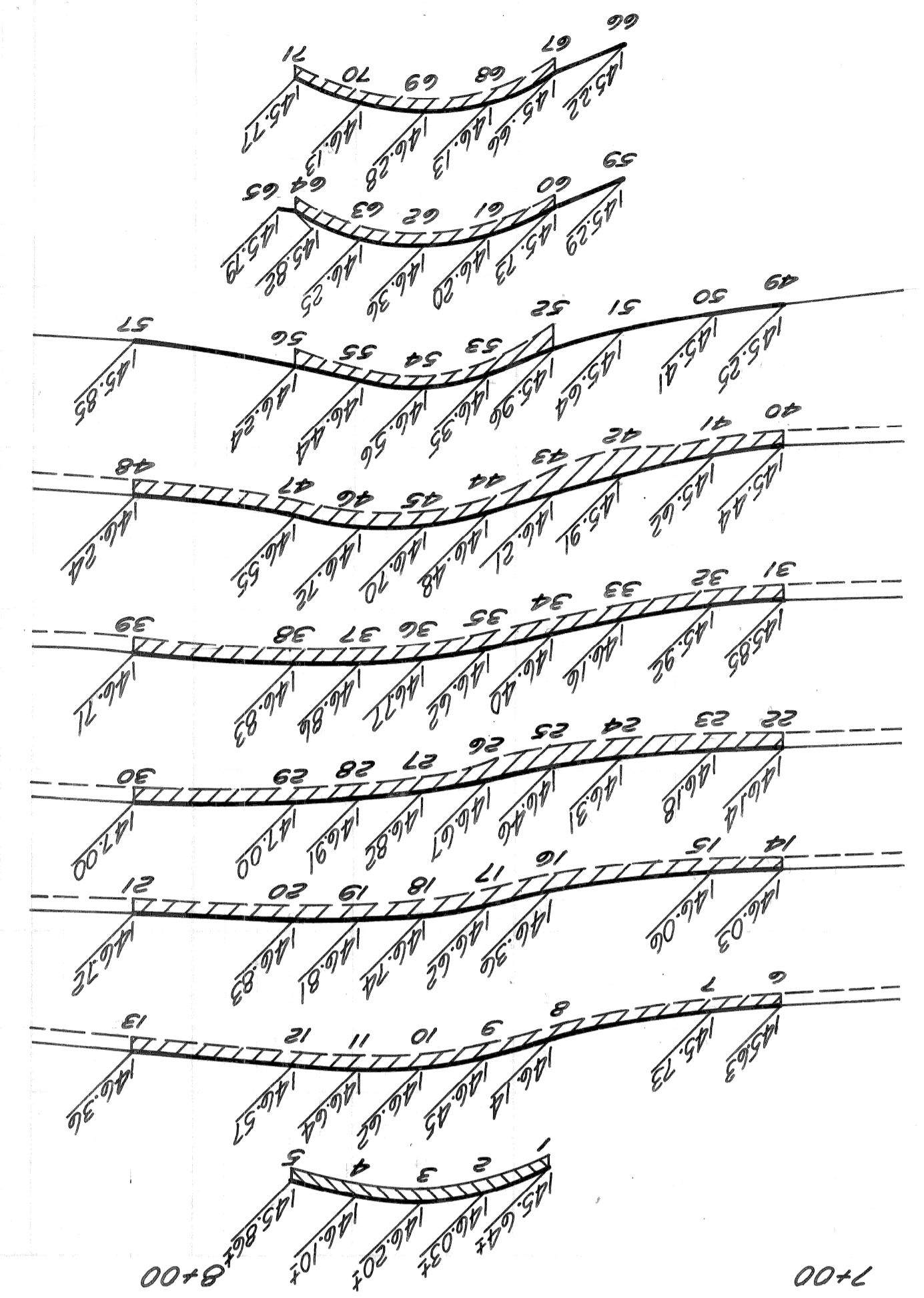


Scale: Hor. 1" = 20'
Vert. 1" = 2'

PROFILES & CROSS-SECTIONS

PROFILES & CROSS-SECTION LEGEND

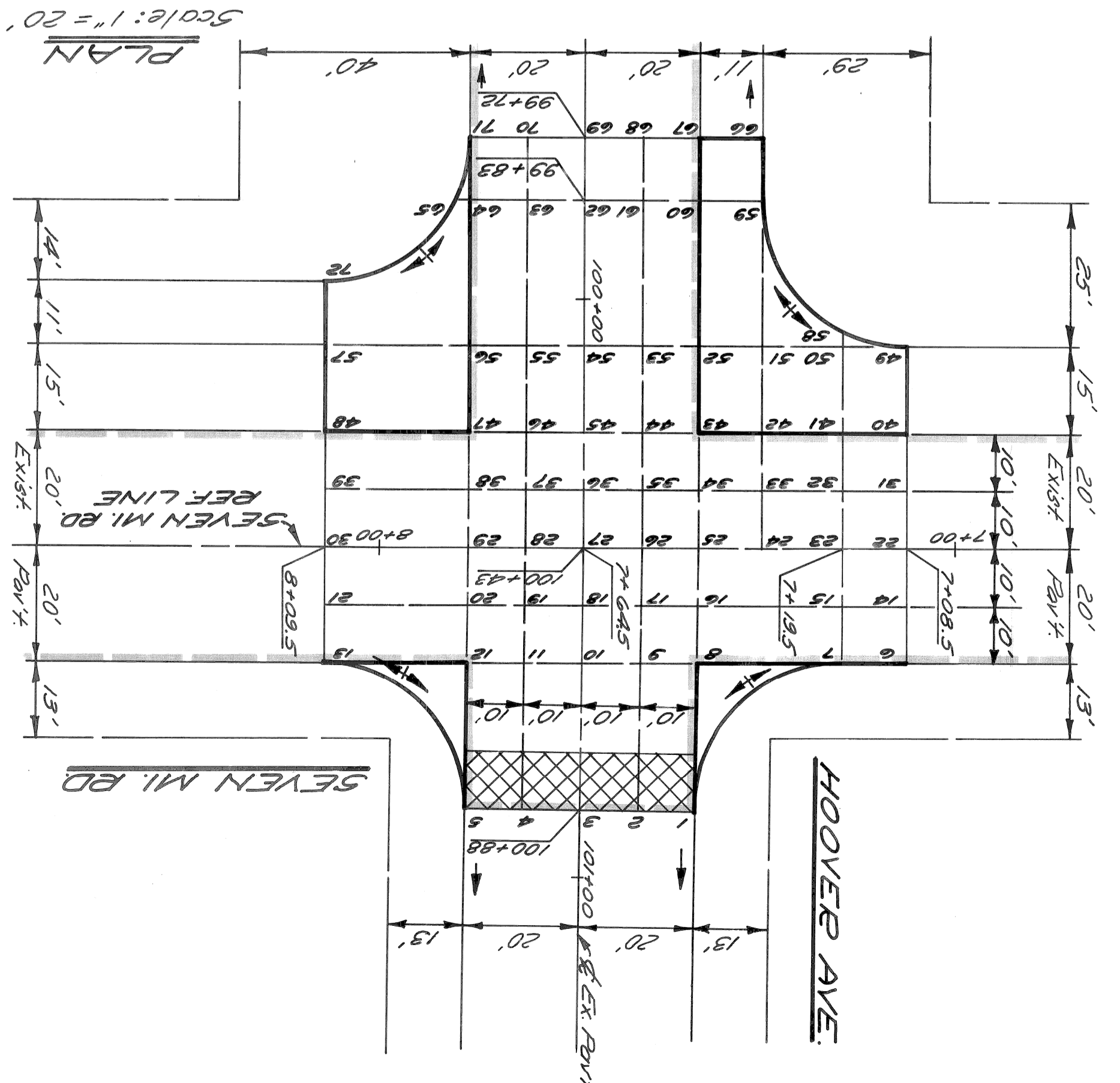
- Existing Pavement Grade
- Proposed Pavement Grade
- Proposed Bitum Surface
- Remove Bitum Surface



NOTE: All proposed radii shall be 25'

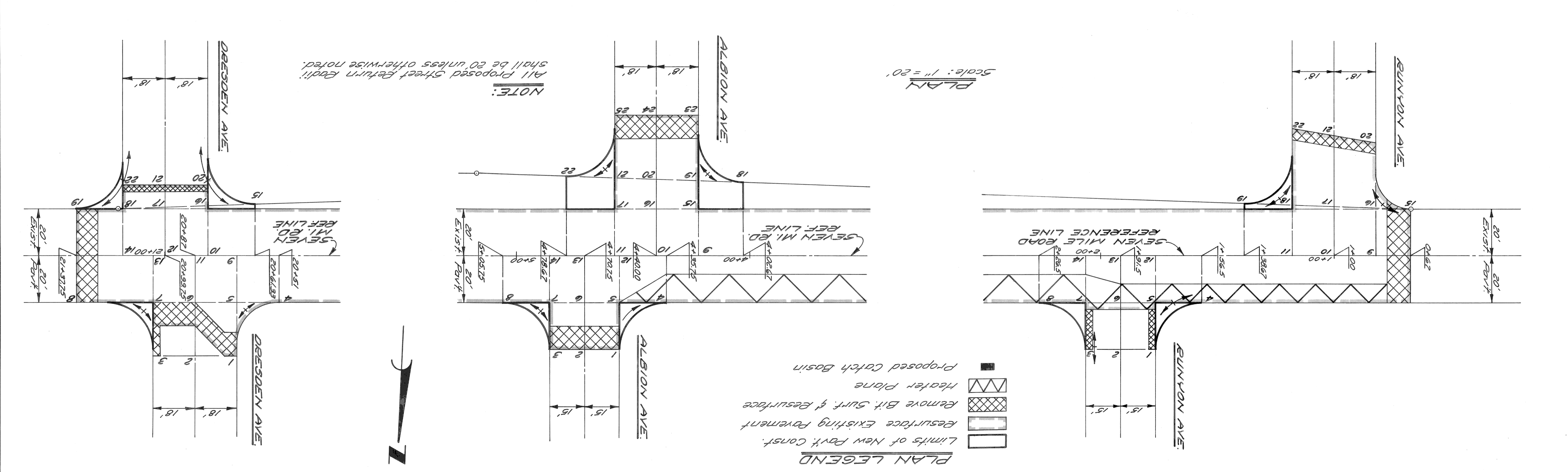
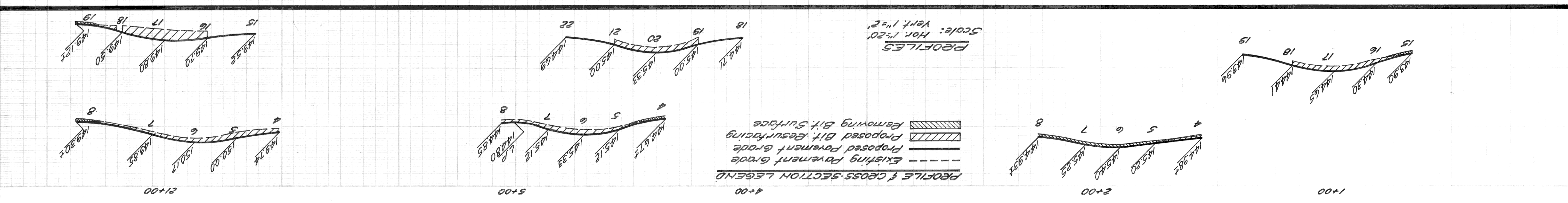
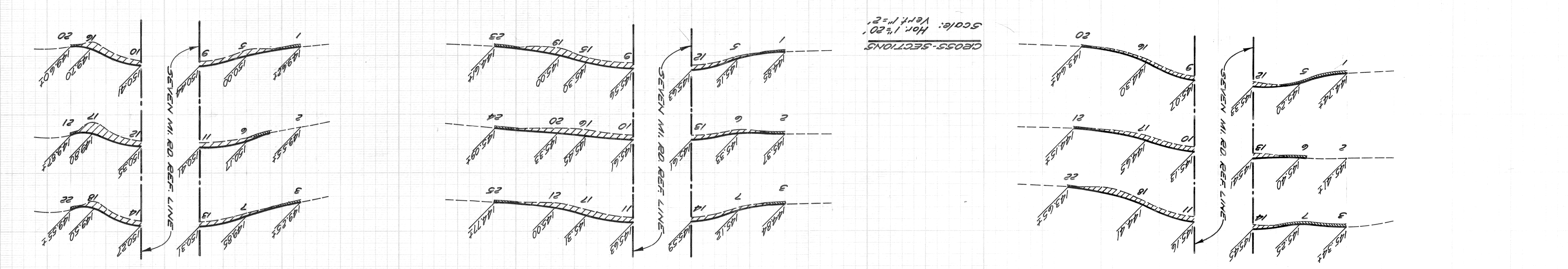
PLAN LEGEND

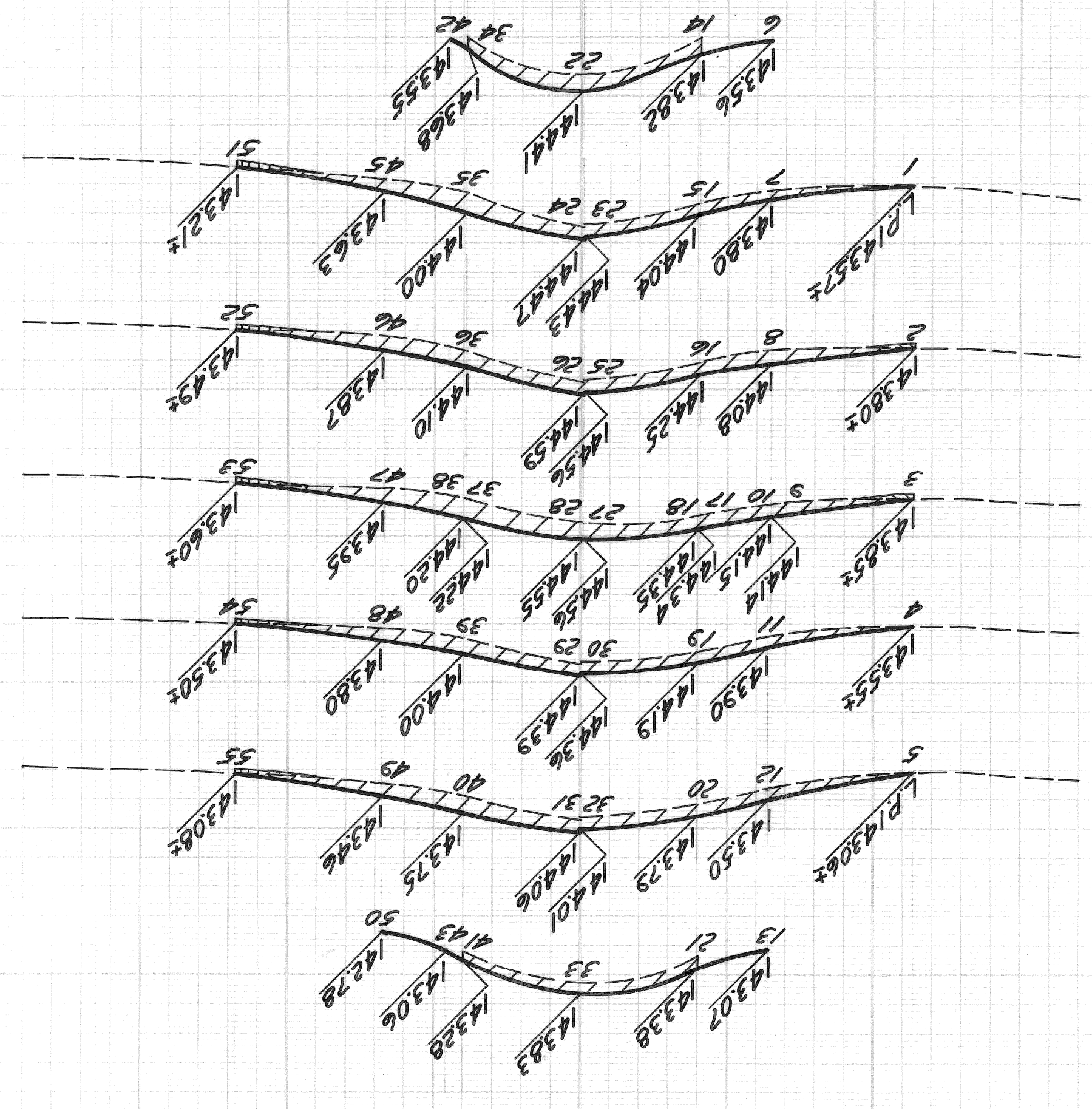
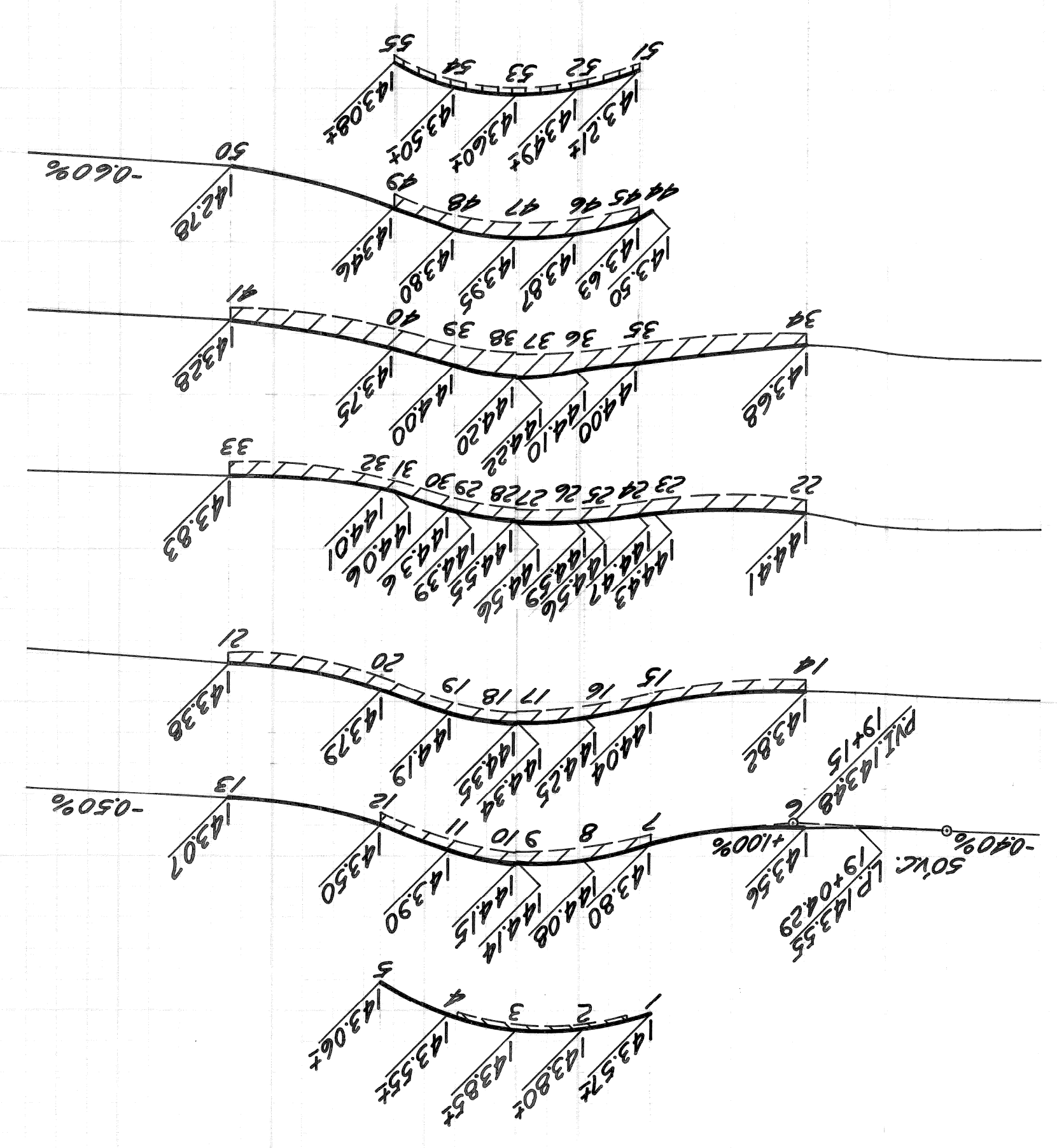
- Limits of New Pav't Construction
- Resurface Existing Pavement
- Remove Bitum Surface & Resurface



BOOK	NO.	DATE	CONTRACTOR
NO.	PG.	DATE	CONTRACTOR
BROKE STARTING CONSTRUCTION			
MUST CHECK WITH UTILITIES FOR LOCATIONS OF EXISTING STRUCTURES WHETHER OR NOT INDICATED ON PLAN.			
SCALE			
HORIZONTAL		VERTICAL	
NOTE - FOR SYMBOLS ETC. SEE STANDARD DETAIL DRAWING NO. C-117			
ELEV.			

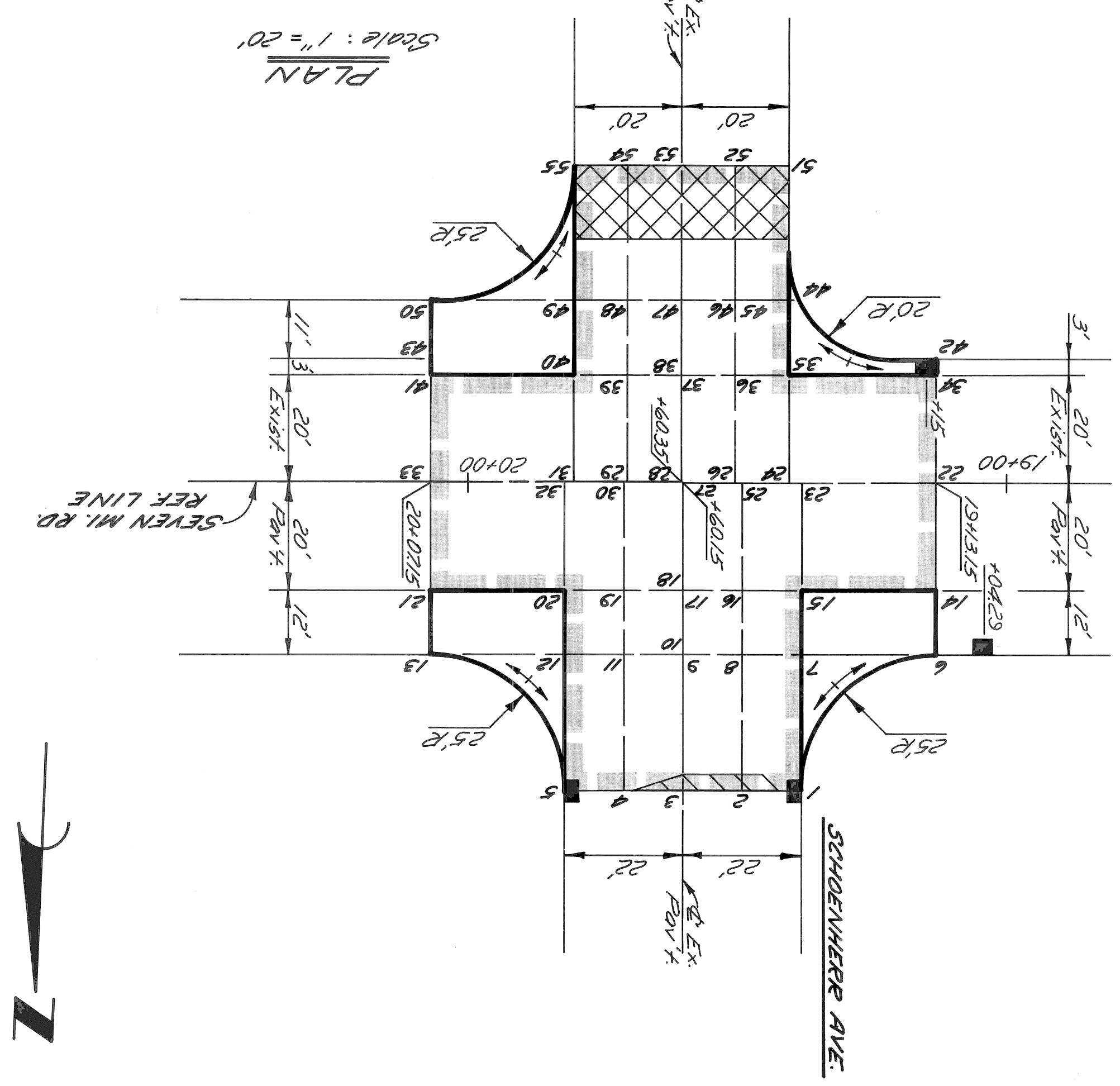
CITY OF DETROIT ENGINEERING DEPARTMENT		CITY ENGINEERING DEPARTMENT		DATE NOV. 14, 1975	
APPROVED BY: <i>[Signature]</i> ENGINEER OF STREETS		REVIEW: R.P.		INDEXED NO. 2307	
CHECKED BY: I.H.K. GRADE		ESTIMATE		ASSIGNMENT NO. 08692A	
BY: M.P.		FINAL		CONTRACT NO. 08692A	
REVISIONS		DESCRIPTION		SHEET 13 OF 49 SHEETS	
DRN. CH. D. AP. VO. DATE		REVISIONS		SEVEN MILE RD. - HOOVER AVE. INTERSECTION IMPROVEMENT	
				SEVEN MILE RD. AT RUNYON, ALBION, AND DRESDEN	





PROFILE & CROSS-SECTION LEGEND

- Existing Pavement Grade
- Proposed Pavement Grade
- Proposed Bit. Resurfacing
- Removing Bit. Surface
- Chipping Conc. Pavement for Joints



PLAN LEGEND

- Limits of New Pav't. Constr.
- Resurface Existing Pav't.
- Remove Bit. Surface & Resurface
- Chipping Conc. Pav't. for Joints
- Prop. Catch Basin

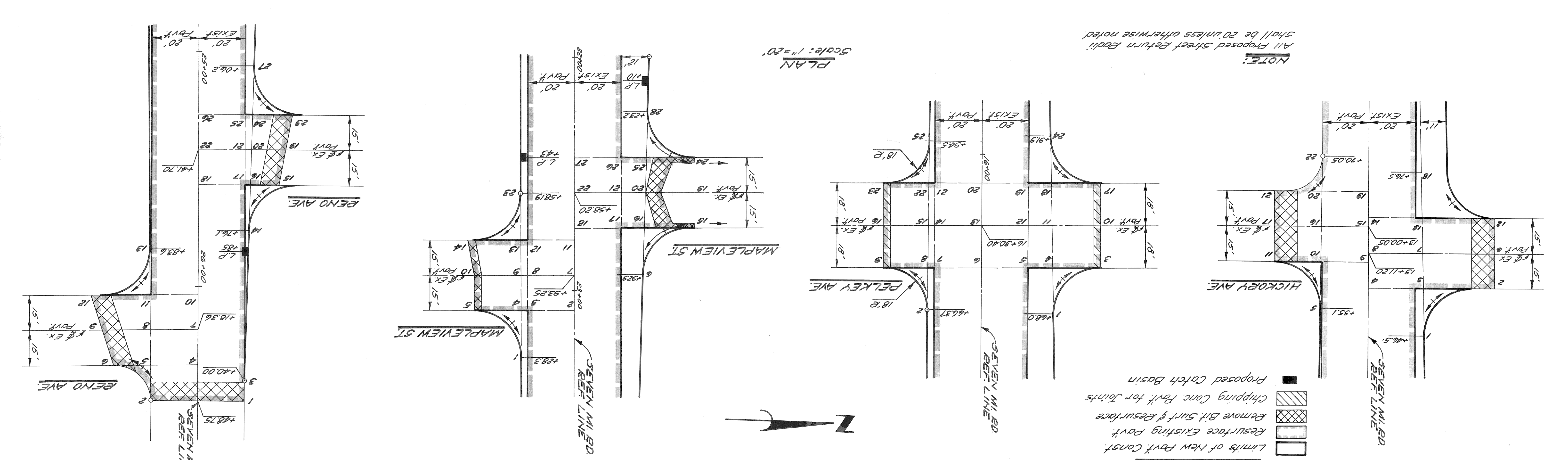
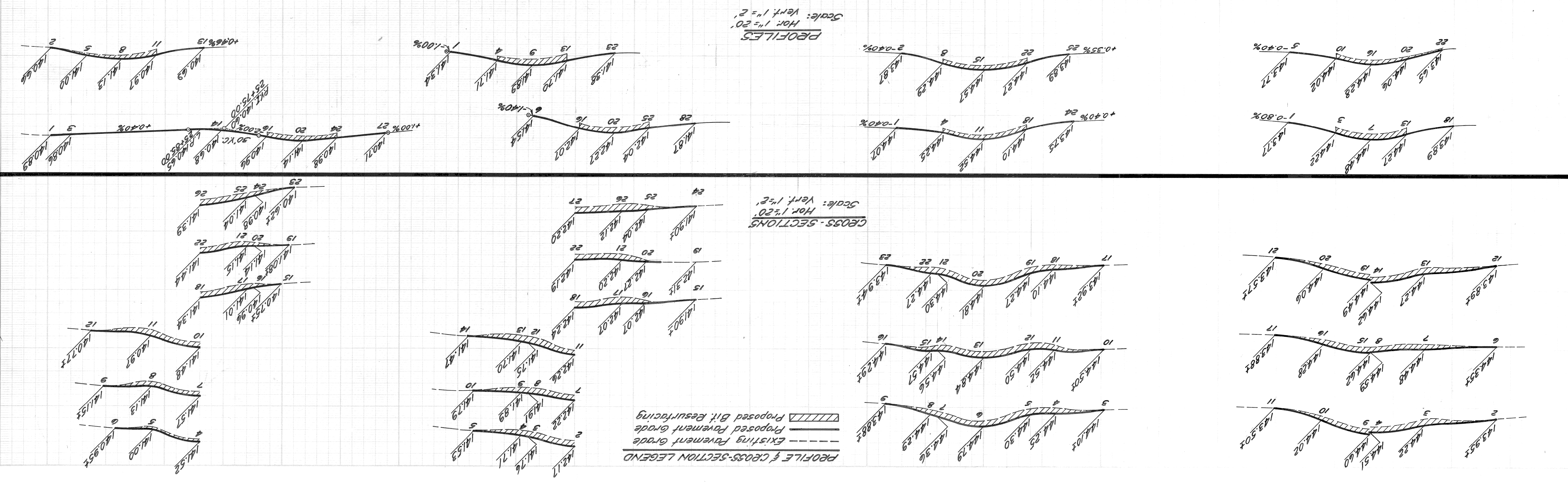
NO. 15 OF 49 SHEETS	CONTRACT NO. 08690A	ASSIGNMENT NO. 2302	DATE NOV. 14, 1975
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SEVEN MILE RD. - SCHOENHERR AVE.
INTERSECTION IMPROVEMENT
DETAILED GRADES FOR SEVEN MILE RD. AT
HICKORY, PELKEY, MAPLEVIEW AND RENO

CITY OF DETROIT
ENGINEERING DEPARTMENT

REVISIONS	DESCRIPTION	DATE	BY	CHECKED BY

PLAN	MAP	R.A.C.	BY	CHECKED BY
GRADE	E.A.C.	W.B.	ESTIMATE	



BOOK	NO.	DATE	CONTRACTOR

SCALE	HORIZONTAL	VERTICAL

C-5515
 11 DATE NOV. 14, 1975
 ASSIG. NO. 2307
 CONTRACT NO. 08692A
 SHEET 16 OF 49 SHEETS

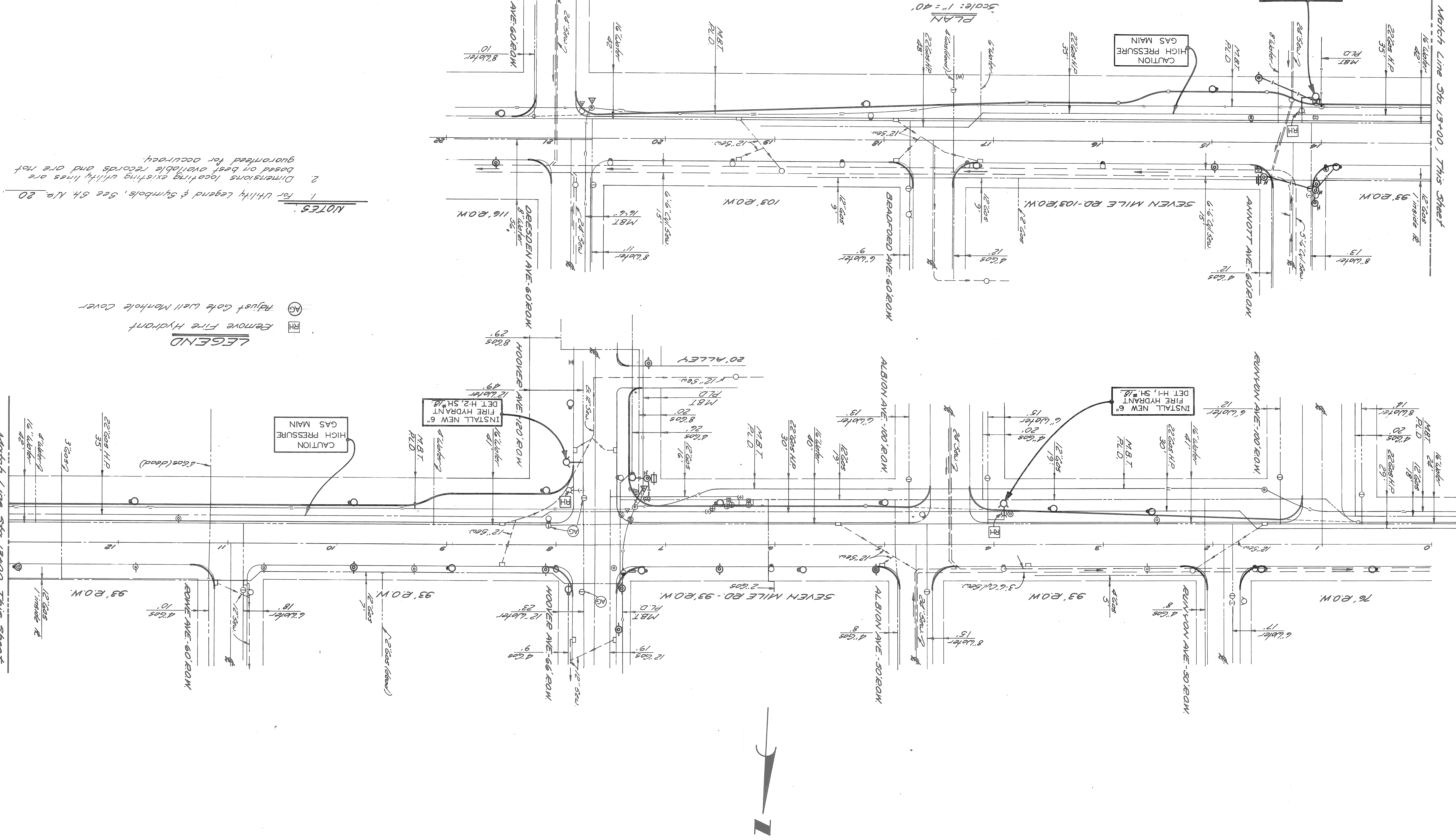
UTILITIES
 INTERSECTION IMPROVEMENT
 SEVEN MILE RD. - HOOVER AVE.

CITY OF DETROIT
 CITY ENGINEERING DEPARTMENT

APPROVED:	<i>W. S. [Signature]</i>
DESIGNED BY:	M.S.
DRAWN BY:	
TRACED BY:	
CHECKED BY:	I.H.K.

NO.	DATE	DESCRIPTION

CALL MISS DIG
 48 HOURS PRIOR TO
 CONSTRUCTION 647-7344



NOTES:
 1. For Utility Legend & Symbols, See G4, Np. 20
 2. Dimensions locating existing utility lines are based on best available records and are not guaranteed for accuracy.

LEGEND
 RH Remove Fire Hydrant
 AG Adjust Gate Well Manhole Cover

Match Line Sta. 13+00, This Sheet
 Match Line Sta. 13+00, This Sheet

DATE	NOV 14, 1975
ASSIGN	2307
NO	08690A
CONTRACT	08692A
SHEET	21 OF 49 SHEETS

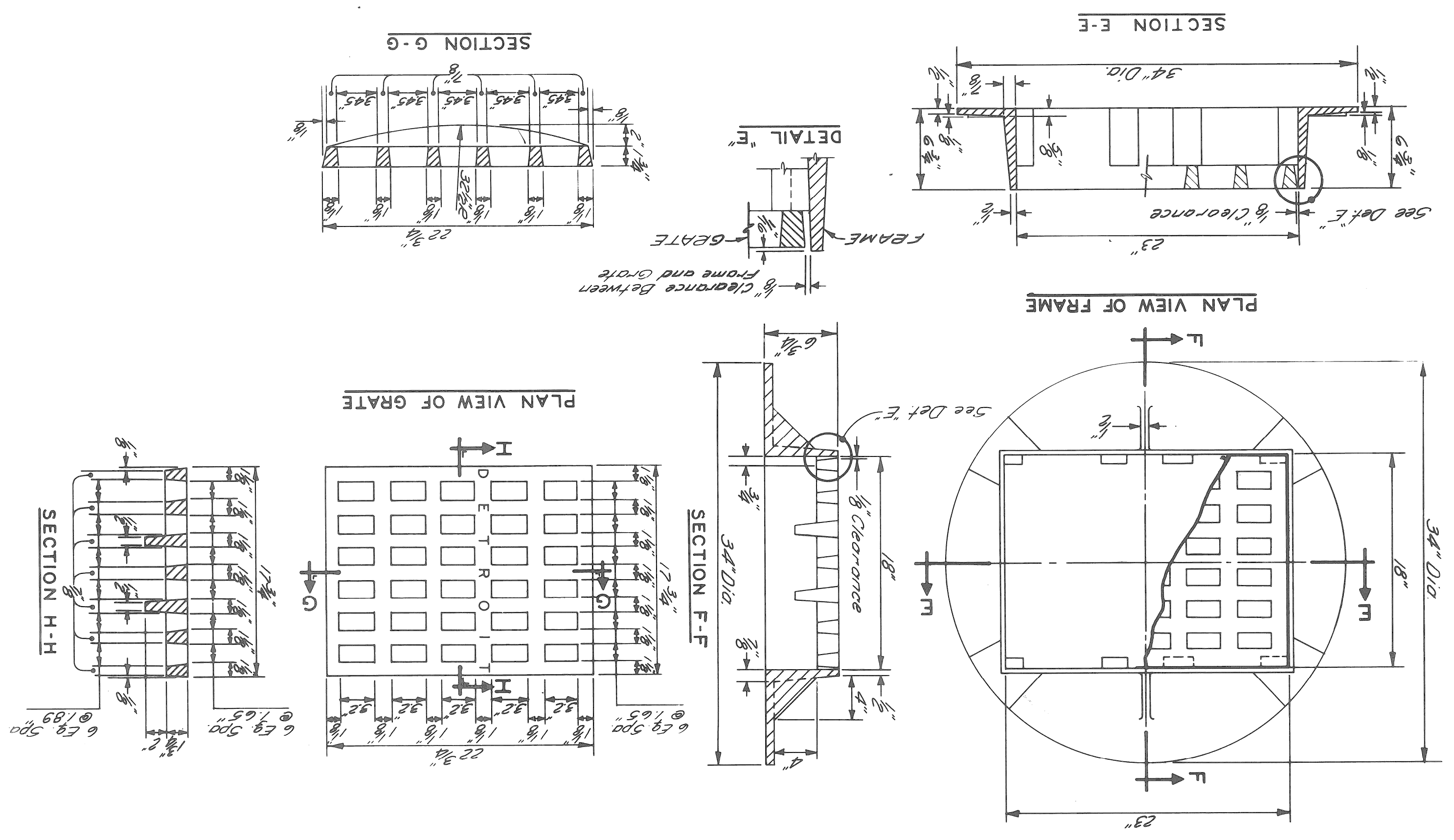
**DETAILS OF STANDARD
CATCH BASINS "A" & "B"
AND FLAT GRATE & FRAME**

CITY OF DETROIT
CITY ENGINEERING DEPARTMENT

APPROVED:	<i>John Erickson</i>	ENGINEER OF STREETS
DESIGNED BY:		
DRAWN BY:	M. POLITO	
TRACED BY:		
CHECKED BY:	D. MILZ	
HEAD CIVIL ENGINEER:	<i>W. J. ...</i>	

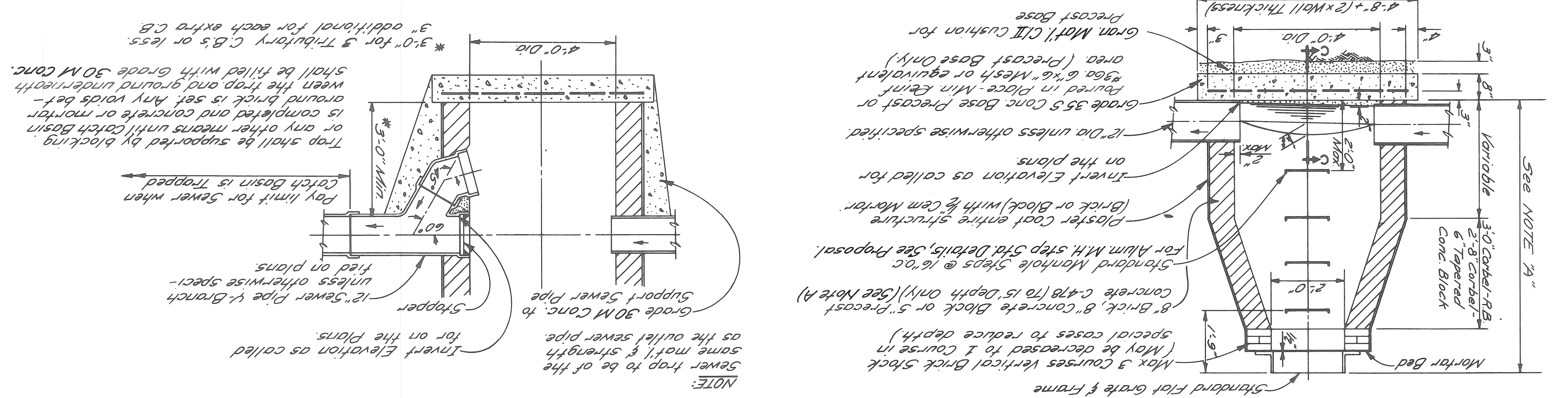
- GENERAL NOTES**
- The materials & workmanship shall be in accordance with the current Standard Specifications.
 - Center of Catch Basin shall be 20 inches from back of curb.
 - All sizes & flow lines of pipe, and elevations for top & bottom of structures shall be determined from the plans or construction requirements.
 - The bell shall be removed from the first length of outlet pipe projecting through the wall of the structures.
 - When any structure is constructed of precast concrete or concrete block, the top of the masonry shall be left sufficiently low to permit proper adjustment of cover to grade by the use of mortar or bricks as directed by the Engineer.
 - A Trap, as detailed on this sheet, shall be placed where called for in the outlet sewer line of Catch Basins "B". The space between the faces of the wall & the trap shall be completely filled with cement, mortar or concrete, so as to hold trap securely in place.
 - The Traps will be paid for separately of the Contract Unit Price each which price shall include the extra catch basin construction required and for furnishing and installing the trap.
 - A plaster coat of mortar $\frac{1}{2}$ inch in thickness shall be applied to the outer surface of the structure as shown. A $\frac{1}{2}$ inch cement plaster coat shall be placed on the inside of all sumps.
 - Contractor shall verify elevations of existing utilities to enable construction to indicated elevations shown on drawings. If necessary, invert elevations shown on the drawings may be altered in the field to clear existing utilities. Such alterations, upward or downward, shall be at no change in contract price.
 - When precast concrete pipe sections are used for catch basins, either a section of the inlet and outlet pipes or an opening or eye for the inlet & outlet pipes shall be cast into the wall of the catch basin pipe when it is being manufactured. Eyes in precast pipe sections shall be furnished to accommodate a flexible joint connector, such as Press-Wedge by Press Seal Gasket Corp or Res-Seal by Stearns Wfg. Corp.
 - Pay limit for sewers shall be inside faces of structures unless otherwise noted.

NO SCALE
STANDARD FLAT GRATE AND FRAME

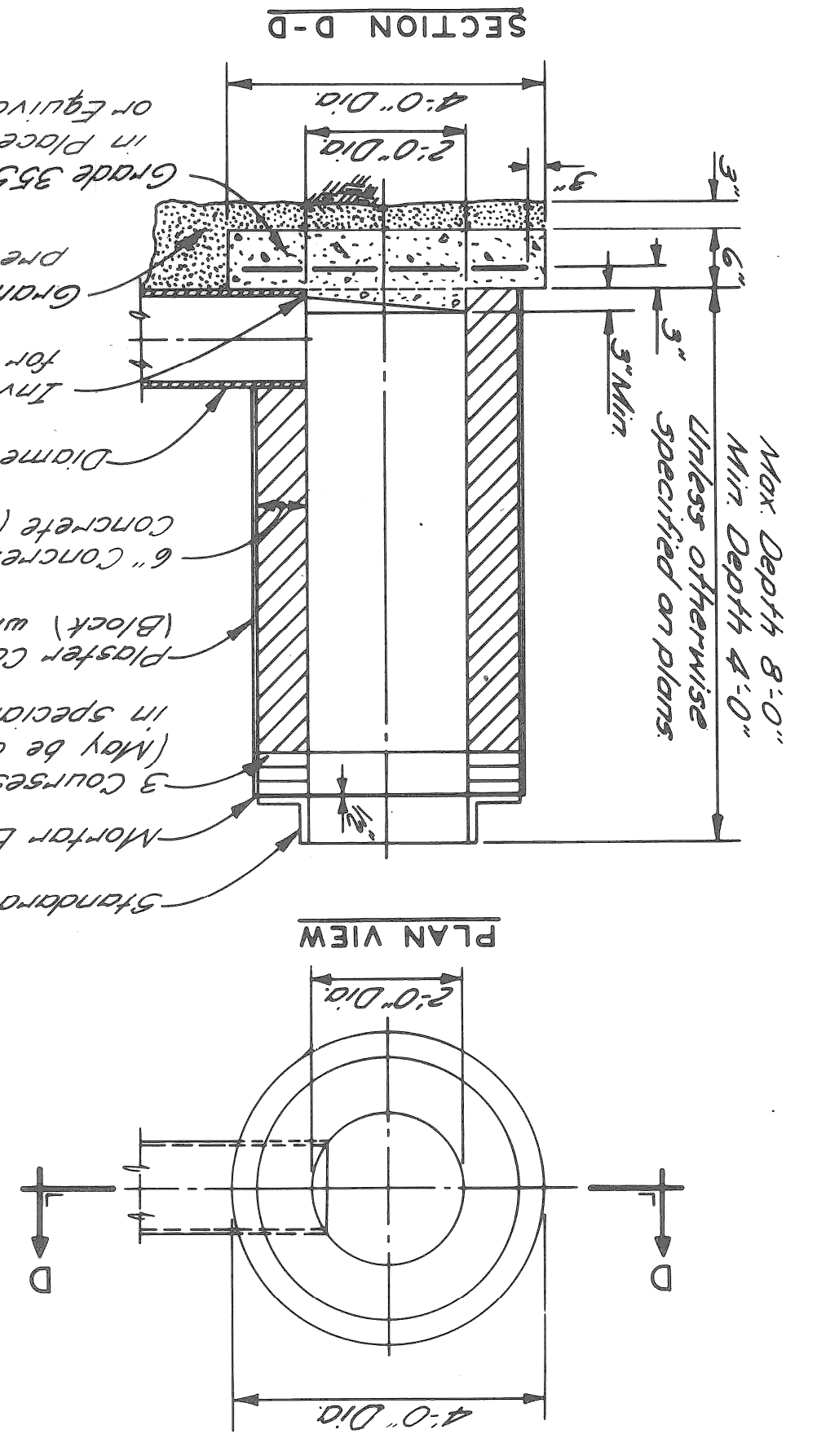


NO SCALE
CATCH BASIN "B"

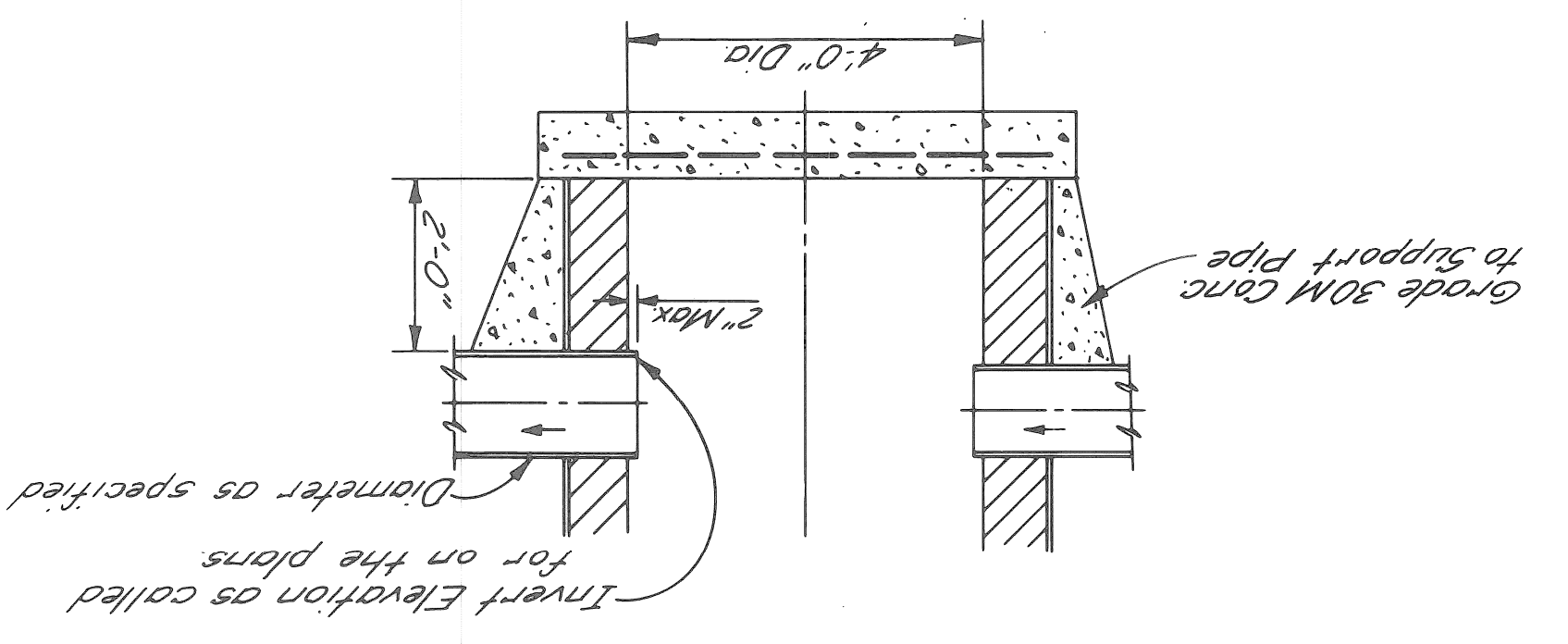
NO SCALE
DETAIL OF TRAP FOR CATCH BASIN "B"



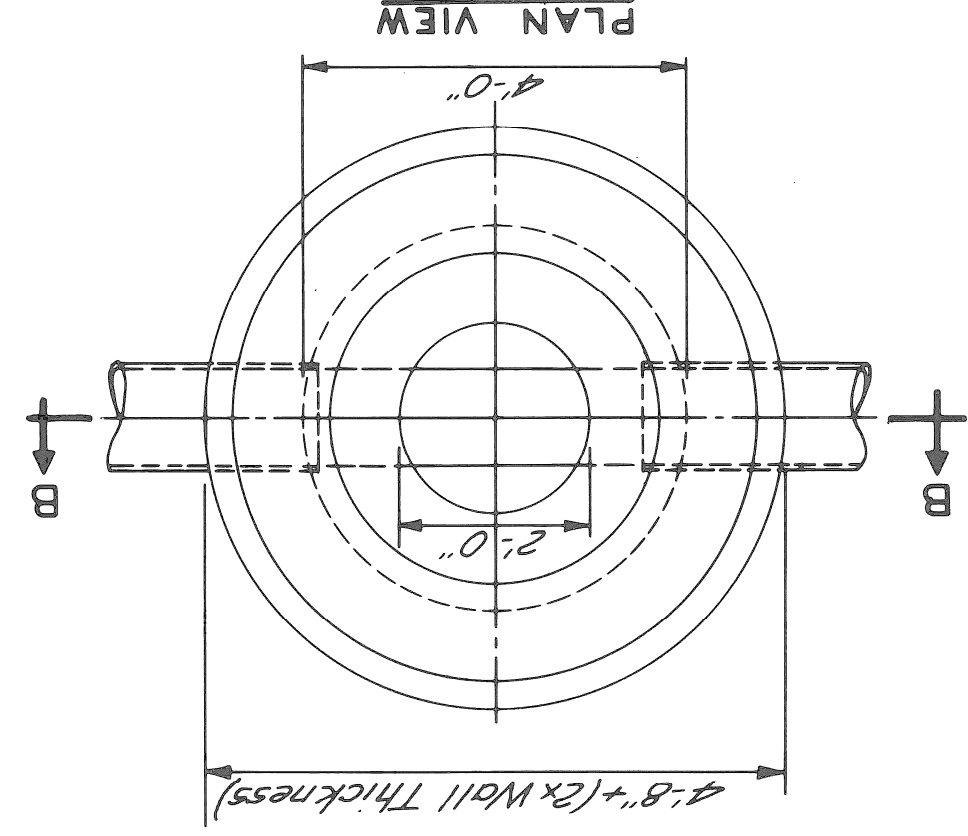
NO SCALE
CATCH BASIN "A"



NO SCALE
DETAIL OF SUMP FOR CATCH BASIN "B"



SECTION C-C
(Grade 355 Concrete)



NOTE: Catch Basin "A" will be used only when outfalling to a Catch Basin "B".

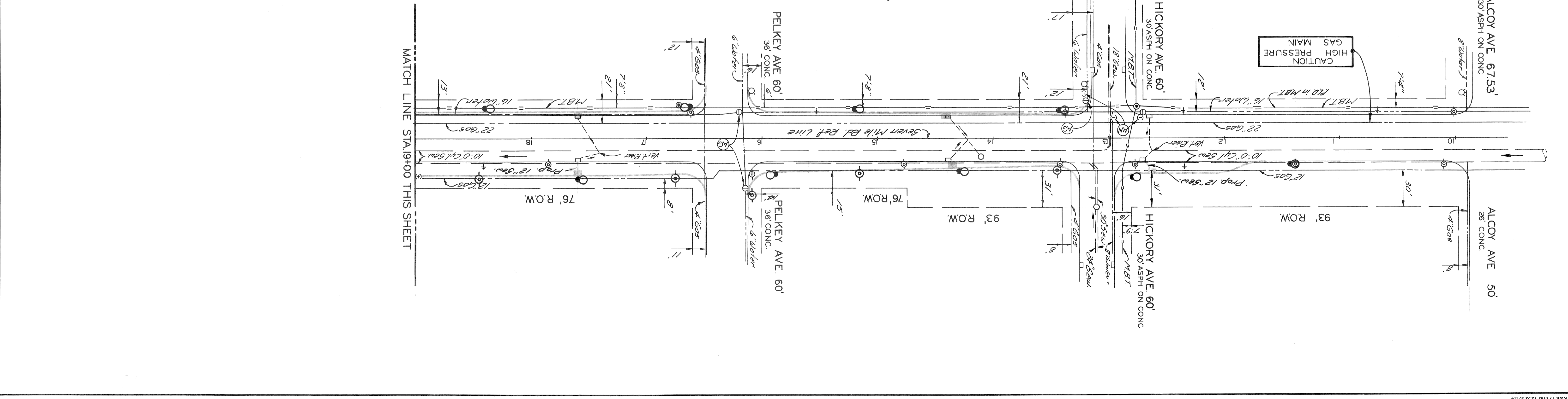
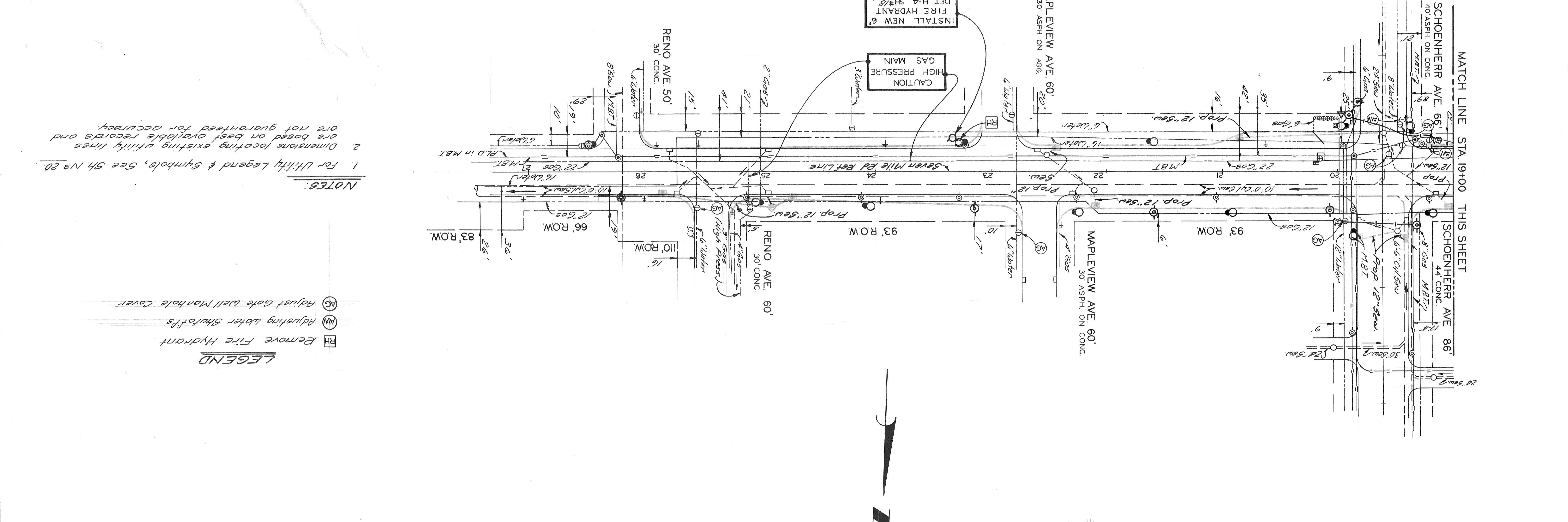
NOTE "A": Well thickness below a depth of 15 feet shall be 12 inches.

DATE NOV. 14, 1975	UTILITIES	CITY OF DETROIT CITY ENGINEERING DEPARTMENT	DESIGNED BY	M.S.	DESIGNED BY	W.B.
ASSIG. NO. 2302	INTERSECTION - IMPROVEMENT		TRACED BY		TRACED BY	
CONTRACT NO. 08690A	SEVEN MILE RD. — SCHOENHERR AVE		APPROVED	<i>Allen J. [Signature]</i>	REFERENCE	
SHEET 17 OF 49 SHEETS					REVISIONS LOCATED BY COORDINATES ON SHEET	

SCALE: 1" = 40'

PLAN

CALL MISS DIG 48 HOURS PRIOR TO CONSTRUCTION 647-7344



MATCH LINE STA 19+00 THIS SHEET

MATCH LINE STA 19+00 THIS SHEET

LEGEND

- ☐ Remove Fire Hydrant
- ⊕ Adjusting Water Shutoffs
- ⊖ Adjust Gate Well Manhole Cover

NOTES:

- For Utility Legend & Symbols, See Sh. No. 20.
- Dimensions locating existing utility lines are based on best available records and are not guaranteed for accuracy.

GENERAL NOTES

Existing Water Mains, as shown, indicate approximate location only as shown by D.M.W.D. records and no guarantee is made as to completeness or accuracy.

The locations and elevations of existing utilities are shown in accordance with available data. The Contractor shall expose these utilities, where required, to determine other utilities may be making alterations to their existing systems in the vicinity of the Water Main construction shown on the plans. These utilities should be consulted for the latest information regarding the location of their facilities.

A minimum clearance of one foot vertically and three and one half feet horizontally shall be maintained between the Water Main and other utilities, unless otherwise shown on the plans or approved by the Engineer. If a conflict is indicated between the Water Main and any other utility, that utility should be consulted. The location of Fire Hydrants, as shown, are approximate. D.F.D. will give exact location of Proposed Fire Hydrants prior to installation.

"Ductile Iron Pipe in sizes 3" through 16" is permitted as a part of the Cast Iron Pipe Specifications."

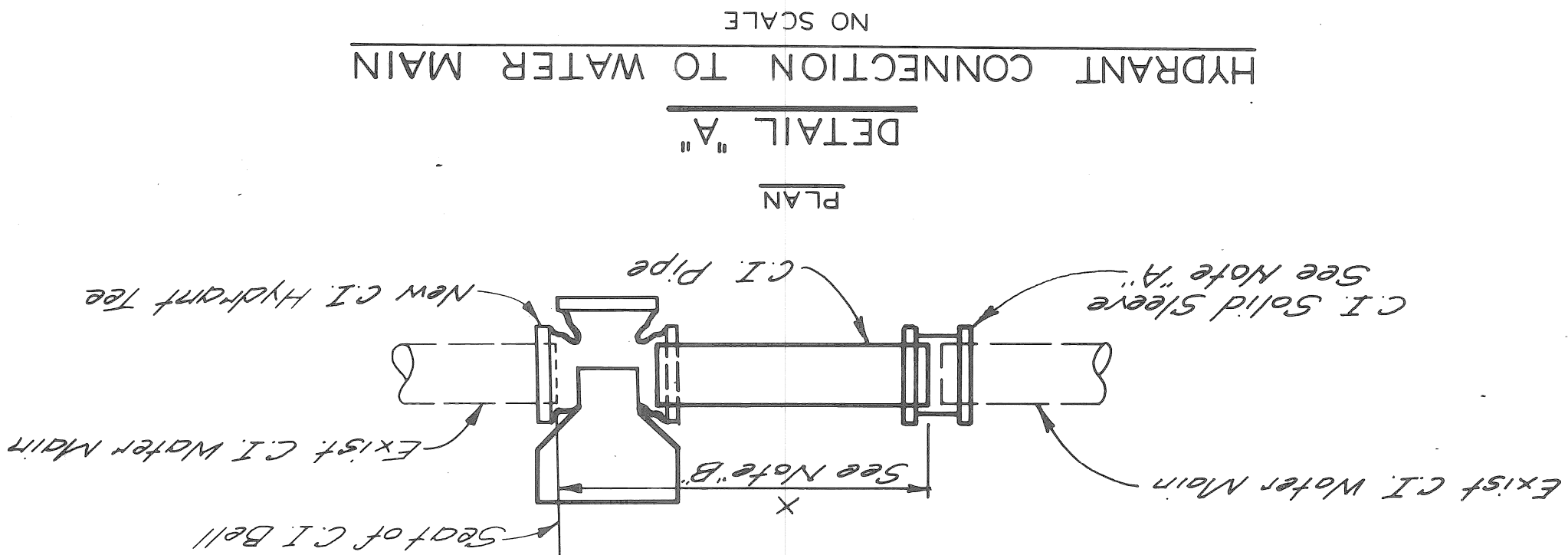
Encasements and Thrust Blocks shall be poured against undisturbed earth. Bottom 3" of Encasement may be poured separate from Encasement and used as a sub-footing.

All Encasements and Thrust Blocks shall terminate at the face of pipe bells.

Removal of abandoned Water Mains as required for incidental to Water Main construction. Encasement of abandoned Water Mains shall be installed by the contractor as incidental to Water Main construction. Scheduling of the connections shall be governed by the "Sequence of Operations" and "Flushing and Chlorination" specifications which are included in the Water Main portion of the Proposal.

CONSTRUCTION NOTES

HYDRANT CONNECTION TO WATER MAIN



DETAIL "A"

NO SCALE

SCHEDULE OF HYDRANT INSTALLATION ON EXISTING MAINS

HYDRANT	FROM	SIZE OF NEW 6" PIPE FROM	OR EX. HYD. TEE	LENGTH	TRENCH DETAIL	PIPE SIZE	TRENCH DETAIL
H-1	16	Exist. 6"x6"	12'	12			
H-2	16	New 12"x6"	15'	12			
H-3	16	Exist. 16"x6"	28'	12			
H-4	17	Exist.	10'	11			

(A) 6" Gate Valve & Gate Box shall be furnished & installed with Hydrant. * Information herein is to be considered only as a guide. Final figures depend upon the exact location of the hydrant as determined by the Fire Department just prior to installation.

PAY ITEMS

ALL "A" DETAILS, "C" DETAILS, GATE BOXES, VALVES, TEES, EXCAVATION, BACKFILL, WATER MAIN PIPING AND CONNECTIONS TO WATER MAINS ARE INCIDENTAL TO THE INSTALLATION OF THE NEW FIRE HYDRANTS AND ARE, THEREFORE, INCLUDED IN THE PAY ITEM "6"-FIRE HYDRANT"

CITY OF DETROIT
CITY ENGINEERING DEPARTMENT

FIRE HYDRANTS
(CONTRACTOR'S CONNECTIONS)

HOOVER - SEVEN MILE AND SCHOENHERR - SEVEN MILE
INTERSECTION IMPROVEMENTS

SHEET 18 OF 49 SHEETS
PROJECT 08692A
NO. 08690A
ASSIGN 2307
NO. 2302
DATE NOV. 14, 1975

NOTES FOR CONTRACTOR'S CONNECTIONS

Contractor shall cut and cap or plug existing Water Mains to remain in service where required in accordance with supplemental specifications.

d. C.I. Blow-off Assemblies, C.I. Plugs and Caps to be installed and/or removed by Contractor have not been shown.

Contractor shall install and later remove all temporary C.I. Plugs, tees and Blow-off Assemblies.

Contractor shall furnish and install C.I. pipe and fittings necessary to complete the connections shown.

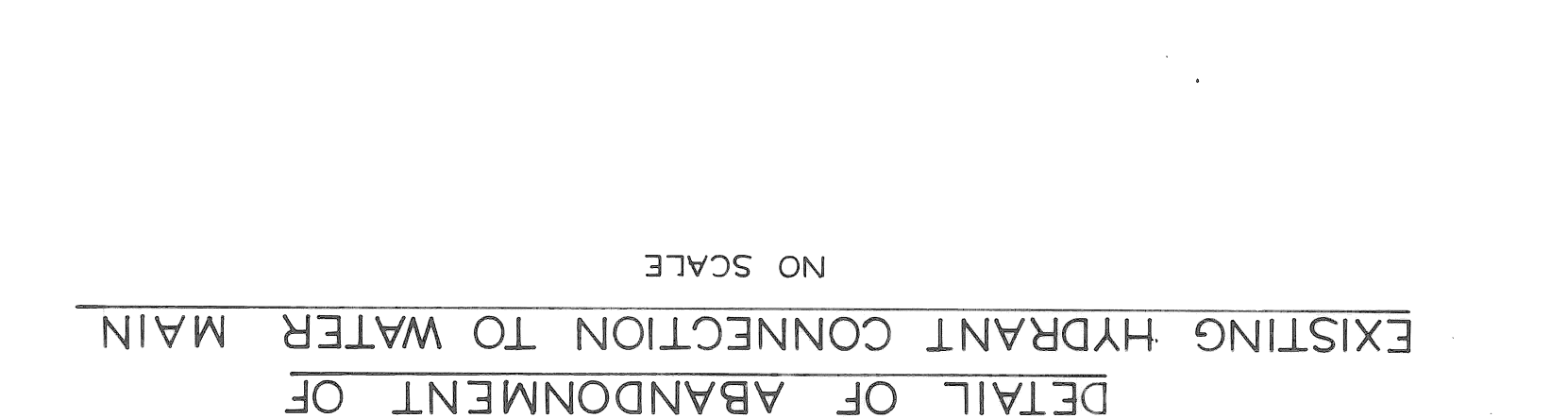
Contractor shall construct all Concrete Thrust Blocks and Gate Wells.

Contractor shall install all temporary bracing for Water Main work.

It is not normally anticipated that bends requiring Thrust Blocks will be required for connections unless otherwise shown.

Plugs and caps, temporary blow-offs, air valves, corporation stops, pipe jacks, solid sleeves, jointing material, bracing and blocking are incidental to water main construction and will not be paid for separately.

NOTE "A": Permanent C.I. Plug See Note A.



DETAIL OF ABANDONMENT OF EXISTING HYDRANT CONNECTION TO WATER MAIN

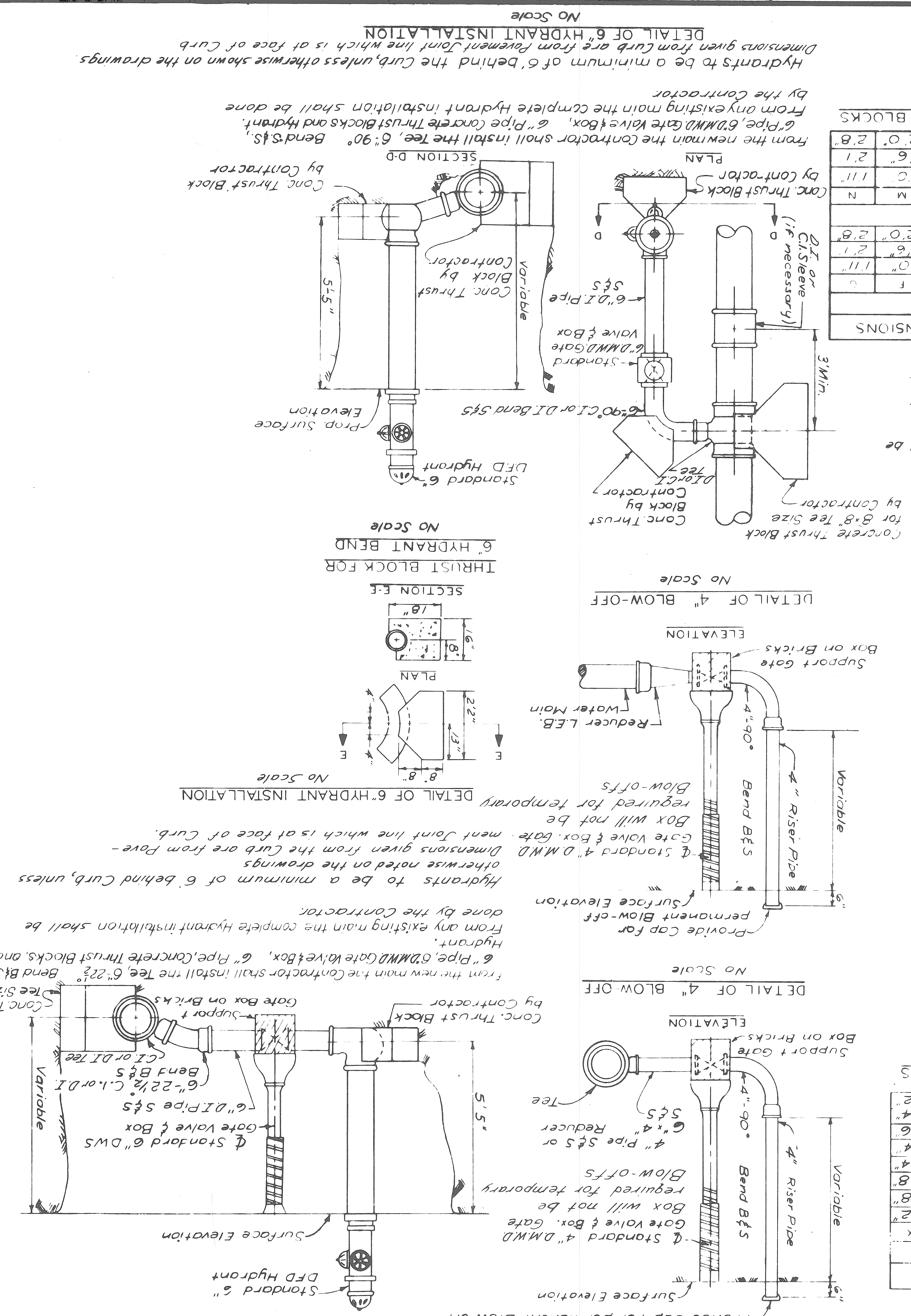
NO SCALE

REVISIONS	
NO.	DESCRIPTION

MISCELLANEOUS DETAILS	
DATE	BY

PROJECT NO. 08692A
ASSIGN NO. 2307

GENERAL NOTES
 "Ductile Iron Pipe in sizes 3" through 16" is permitted as a part of the Cast Iron Pipe Specifications."
 Hydrants to be a minimum of 6' behind Curb, unless otherwise noted on the drawings.
 Gate Valve & Box, Gate Hydrant, Hydrant, from any existing main the complete Hydrant installation shall be done by the Contractor.
 Hydrants to be a minimum of 6' behind Curb, unless otherwise noted on the drawings.
 Gate Valve & Box, Gate Hydrant, Hydrant, from any existing main the complete Hydrant installation shall be done by the Contractor.
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 Gate Valve & Box, Gate Hydrant, Hydrant, from any existing main the complete Hydrant installation shall be done by the Contractor.
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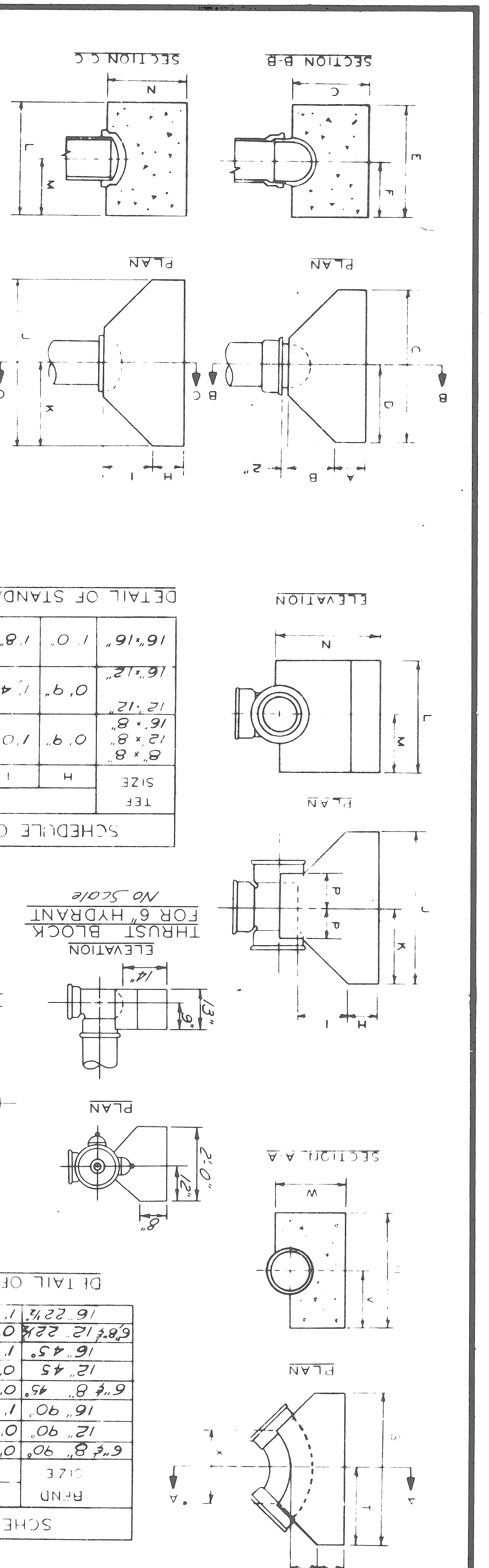
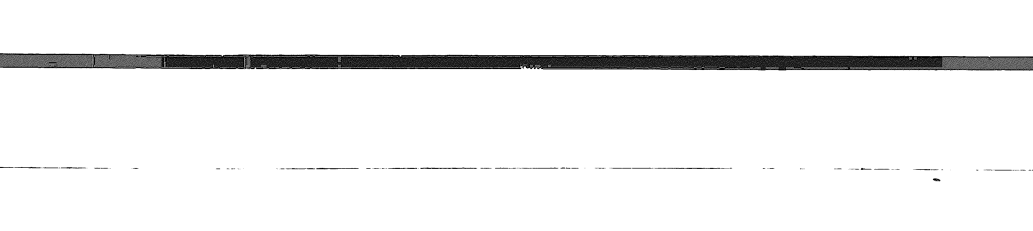


SCHEDULE OF THRUST BLOCK DIMENSIONS

SIZE	R	S	T	U	V	W	X
6" x 8" 90°	0' 9"	1' 0"	3' 4"	1' 8"	2' 6"	1' 3"	1' 11"
12" 90°	0' 9"	1' 4"	5' 6"	2' 9"	3' 0"	2' 4"	1' 8"
16" 90°	1' 0"	1' 8"	6' 0"	3' 0"	3' 0"	2' 4"	1' 8"
6" x 8" 45°	0' 9"	1' 0"	2' 4"	1' 2"	2' 0"	1' 1"	1' 4"
12" 45°	0' 9"	1' 4"	3' 6"	1' 9"	2' 6"	1' 3"	2' 4"
16" 45°	1' 0"	1' 8"	5' 4"	2' 8"	3' 0"	2' 4"	2' 6"
6" x 8" 22 1/2°	0' 9"	1' 0"	2' 6"	1' 3"	2' 0"	1' 0"	1' 4"
12" 22 1/2°	0' 9"	1' 4"	3' 8"	2' 10"	3' 0"	2' 0"	2' 6"
16" 22 1/2°	1' 0"	1' 8"	5' 0"	3' 0"	3' 0"	2' 4"	2' 6"

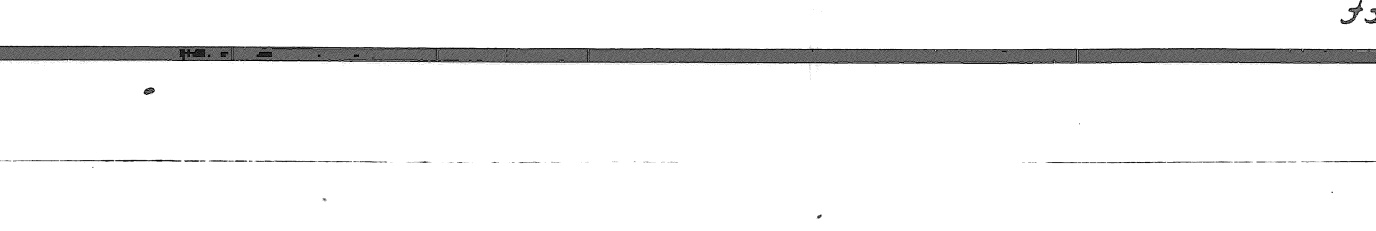
SCHEDULE OF THRUST BLOCK DIMENSIONS

TEE	P	N	M	L	K	J	I	H	G	F	E	D	C	B	A
8" x 8"	8' 2 3/4"	8' 0 6"	12' 2 3/4"	12' 0 6"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"
12" x 8"	12' 2 3/4"	12' 0 6"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"
16" x 8"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"	16' 2 9/16"
12" x 12"	12' 2 9/16"	12' 0 8"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"
16" x 12"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"
16" x 16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"	16' 3 1/16"

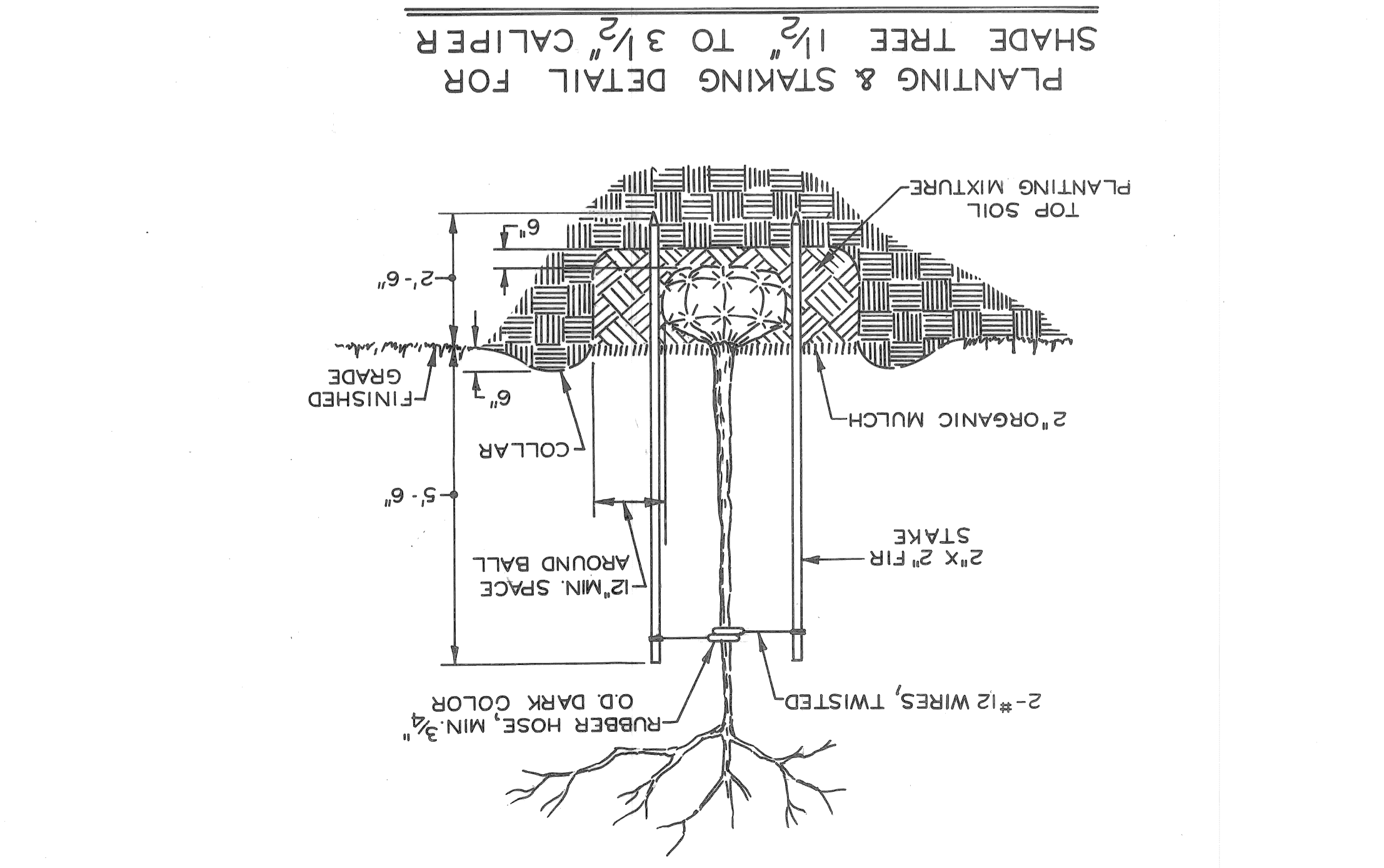
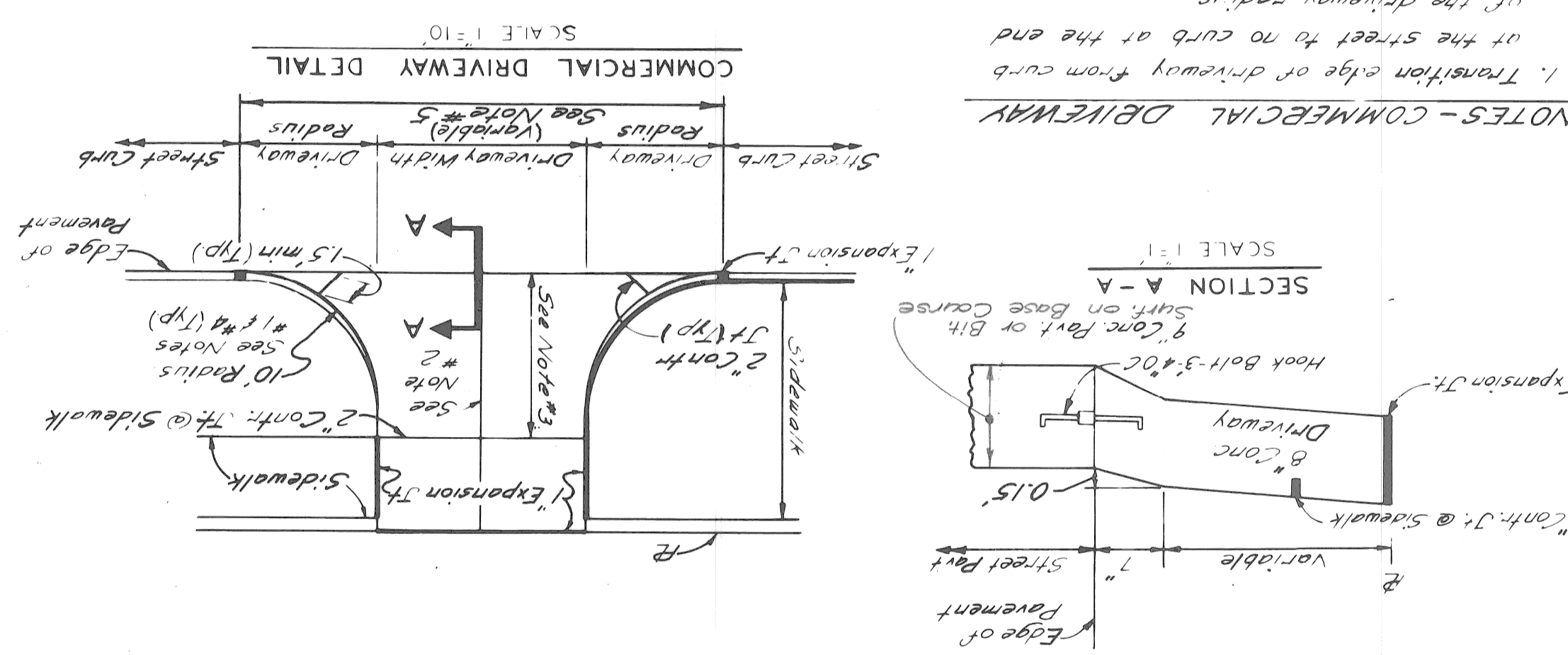
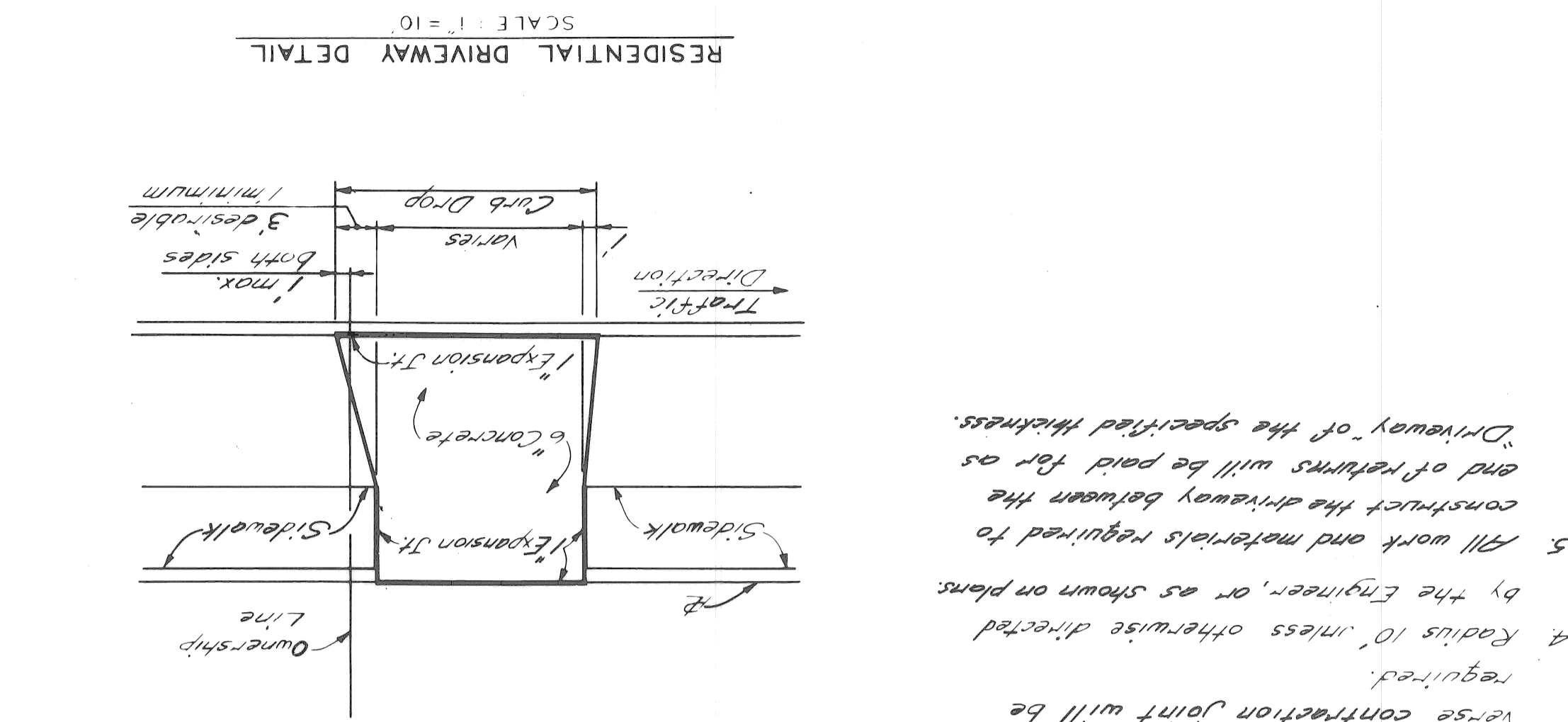


SCHEDULE OF THRUST BLOCK DIMENSIONS

SIZE	G	R	S	T	U	V	W	X
6" x 8" 90°	0' 9"	1' 0"	3' 4"	1' 8"	2' 6"	1' 3"	1' 11"	1' 2"
12" 90°	0' 9"	1' 4"	5' 6"	2' 9"	3' 0"	2' 4"	1' 8"	2' 6"
16" 90°	1' 0"	1' 8"	6' 0"	3' 0"	3' 0"	2' 4"	1' 8"	2' 6"
6" x 8" 45°	0' 9"	1' 0"	2' 4"	1' 2"	2' 0"	1' 0"	1' 4"	1' 2"
12" 45°	0' 9"	1' 4"	3' 6"	1' 9"	2' 6"	1' 3"	2' 4"	1' 4"
16" 45°	1' 0"	1' 8"	5' 4"	2' 8"	3' 0"	2' 4"	2' 6"	1' 4"
6" x 8" 22 1/2°	0' 9"	1' 0"	2' 6"	1' 3"	2' 0"	1' 0"	1' 4"	1' 2"
12" 22 1/2°	0' 9"	1' 4"	3' 8"	2' 10"	3' 0"	2' 0"	2' 6"	1' 4"
16" 22 1/2°	1' 0"	1' 8"	5' 0"	3' 0"	3' 0"	2' 4"	2' 6"	1' 4"



DETAIL OF 6\"/>



NOTES - COMMERCIAL DRIVEWAY

1. Transition edge of driveway from curb at the street to no curb at the end of the driveway radius.
2. Where driveway exceeds 15' in width, a contraction joint shall be placed longitudinally along &.
3. When distance exceeds 15', a transverse contraction joint will be required.
4. Radius 10' unless otherwise directed by the Engineer, or as shown on plans.
5. All work and materials required to construct the driveway between the end of returns will be paid for as "Driveway of the specified thickness."

COLOR	SYMBOL	DESCRIPTION
BLACK	○	PROPERTY AND LOT LINES
BLACK	○	PLD MANHOLE
BLACK	○	WATER MANHOLE OR GRATE
BLACK	○	GAS MANHOLE OR GRATE
BLACK	○	WESTERN UNION MANHOLE
BLACK	○	MICHIGAN BELL MANHOLE
BLACK	○	EDISON STEAM MANHOLE
BLACK	○	EDISON ELECTRIC MANHOLE
BLACK	○	PROPOSED CURB OR PAVING ON INTERSECTING STREET
BLACK	○	FIRE DEPT MANHOLE
BLACK	○	III O.S.R. MANHOLE
BLACK	○	POLICE DEPT MANHOLE
BLACK	○	POLICE DEPT MANHOLE
BLACK	○	AREAWAY OR COAL CHUTE
BLACK	○	MAIL BOX
BLACK	○	FIRE DEPT MANHOLE
BLACK	○	PROPOSED SEWER TO CATCH BASINS
BLACK	○	FIRE DEPT STANDARD HYDRANT
BLACK	○	FIRE DEPT HIGH PRESSURE HYDRANT
BLACK	○	FIRE DEPT CALL BOX
BLACK	○	EXISTING LATERAL SEWERS
BLACK	○	EXISTING PUBLIC SEWERS
BLACK	○	PLD LIGHT POLE
BLACK	○	POLICE DEPT CALL BOX
BLACK	○	EXISTING GAS LINES
BLACK	○	TRAFFIC SIGNAL LIGHT
BLACK	○	TRAFFIC SIGNAL ON LIGHT POST
BLACK	○	TRAFFIC SIGNAL POST
BLACK	○	EXISTING WATER LINES
BLACK	○	DETROIT COINSTEAM CONDUIT
BLACK	○	EXISTING ELECTRIC CONDUIT
BLACK	○	DETROIT COINSTEAM CONDUIT
BLACK	○	WESTERN UNION DUCTS
BLACK	○	MICHIGAN BELL TELEPHONE DUCTS
BLACK	○	PLD CONDUITS
BLACK	○	DETROIT FIRE OR POLICE (LEFT) CONDUITS (PLD COMMUNICATIONS)
BLACK	○	PROPOSED B.M.H. & INLET SEWERS ON INTERSECTING STREETS
BLACK	○	EXISTING B.M.H. & INLET SEWERS
BLACK	○	PROPOSED B.M.H. & INLET SEWER
BLACK	○	ELEV OF SEWER INVERT
BLACK	○	CURB LINE
BLACK	○	ELEV OF CURB LINE
BLACK	○	INVERT ELEV
BLACK	○	EXISTING LATERAL SEWERS
BLACK	○	PROPOSED PUBLIC SEWERS
BLACK	○	PLD POLE
BLACK	○	TRAFFIC SIGNAL LIGHT
BLACK	○	TRAFFIC SIGNAL ON LIGHT POST
BLACK	○	DANGER PLATE
BLACK	○	TRAFFIC SIGNAL CONTROL BOX
BLACK	○	EDISON POLE
BLACK	○	TRAFFIC SIGNAL CONTROL BOX

STANDARD SYMBOLS FOR UTILITIES

SYMBOL	DESCRIPTION
○	PLD MANHOLE
○	WATER MANHOLE OR GRATE
○	GAS MANHOLE OR GRATE
○	WESTERN UNION MANHOLE
○	MICHIGAN BELL MANHOLE
○	EDISON STEAM MANHOLE
○	EDISON ELECTRIC MANHOLE
○	PROPOSED CURB OR PAVING ON INTERSECTING STREET
○	FIRE DEPT MANHOLE
○	III O.S.R. MANHOLE
○	POLICE DEPT MANHOLE
○	POLICE DEPT MANHOLE
○	AREAWAY OR COAL CHUTE
○	MAIL BOX
○	FIRE DEPT MANHOLE
○	PROPOSED SEWER TO CATCH BASINS
○	FIRE DEPT STANDARD HYDRANT
○	FIRE DEPT HIGH PRESSURE HYDRANT
○	FIRE DEPT CALL BOX
○	EXISTING LATERAL SEWERS
○	EXISTING PUBLIC SEWERS
○	PLD LIGHT POLE
○	POLICE DEPT CALL BOX
○	EXISTING GAS LINES
○	TRAFFIC SIGNAL LIGHT
○	TRAFFIC SIGNAL ON LIGHT POST
○	DANGER PLATE
○	TRAFFIC SIGNAL CONTROL BOX
○	EDISON POLE
○	TRAFFIC SIGNAL CONTROL BOX

DEPARTMENT OF PUBLIC WORKS
 CITY ENGINEER'S OFFICE
 BUREAU OF DESIGN

DETAIL NO. 25
 PAVING
 C-902-A

REVISIONS LOCATED BY COORDINATES ON SHEET	NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11
DESCRIPTION											
DATE											
DRAWN BY											
CHECKED BY											
DESIGNED BY											
APPROVED BY											

