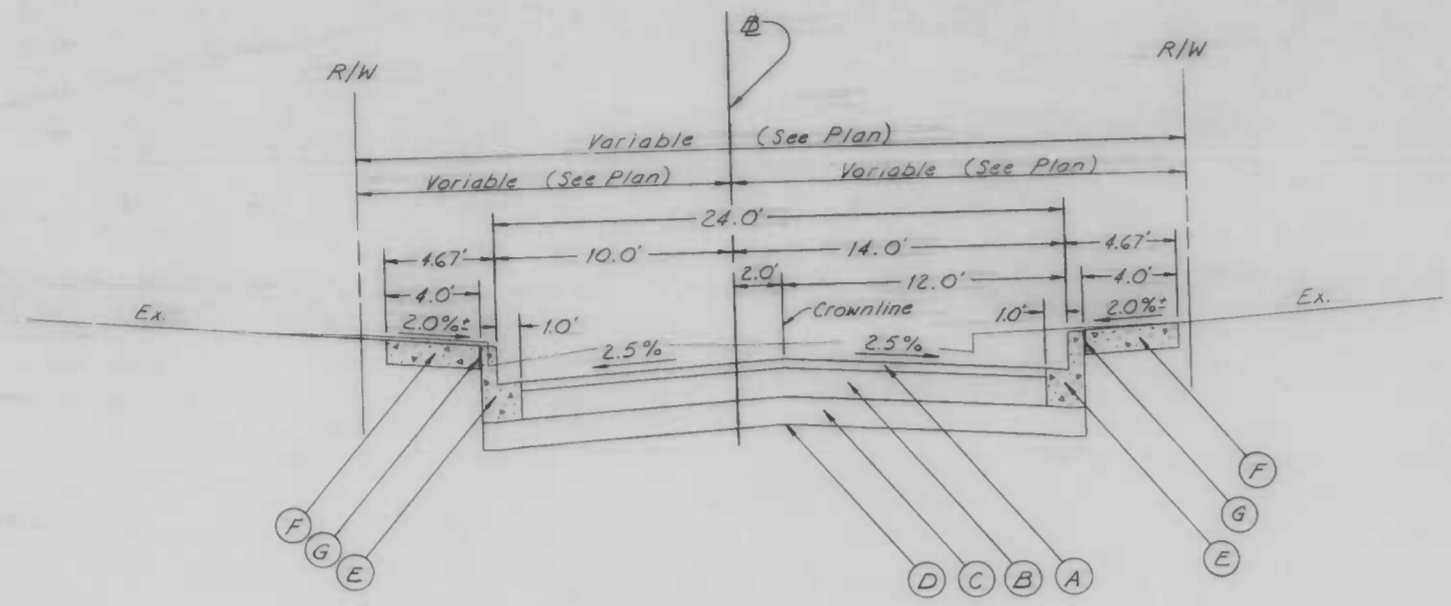
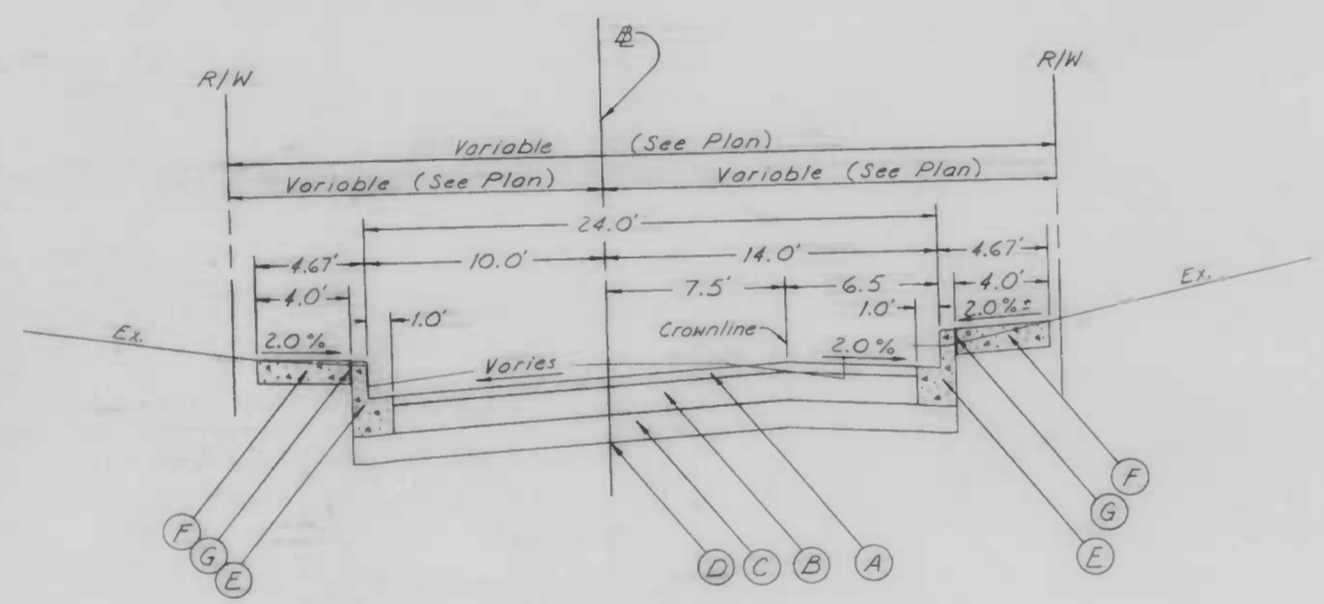


FILE REF.

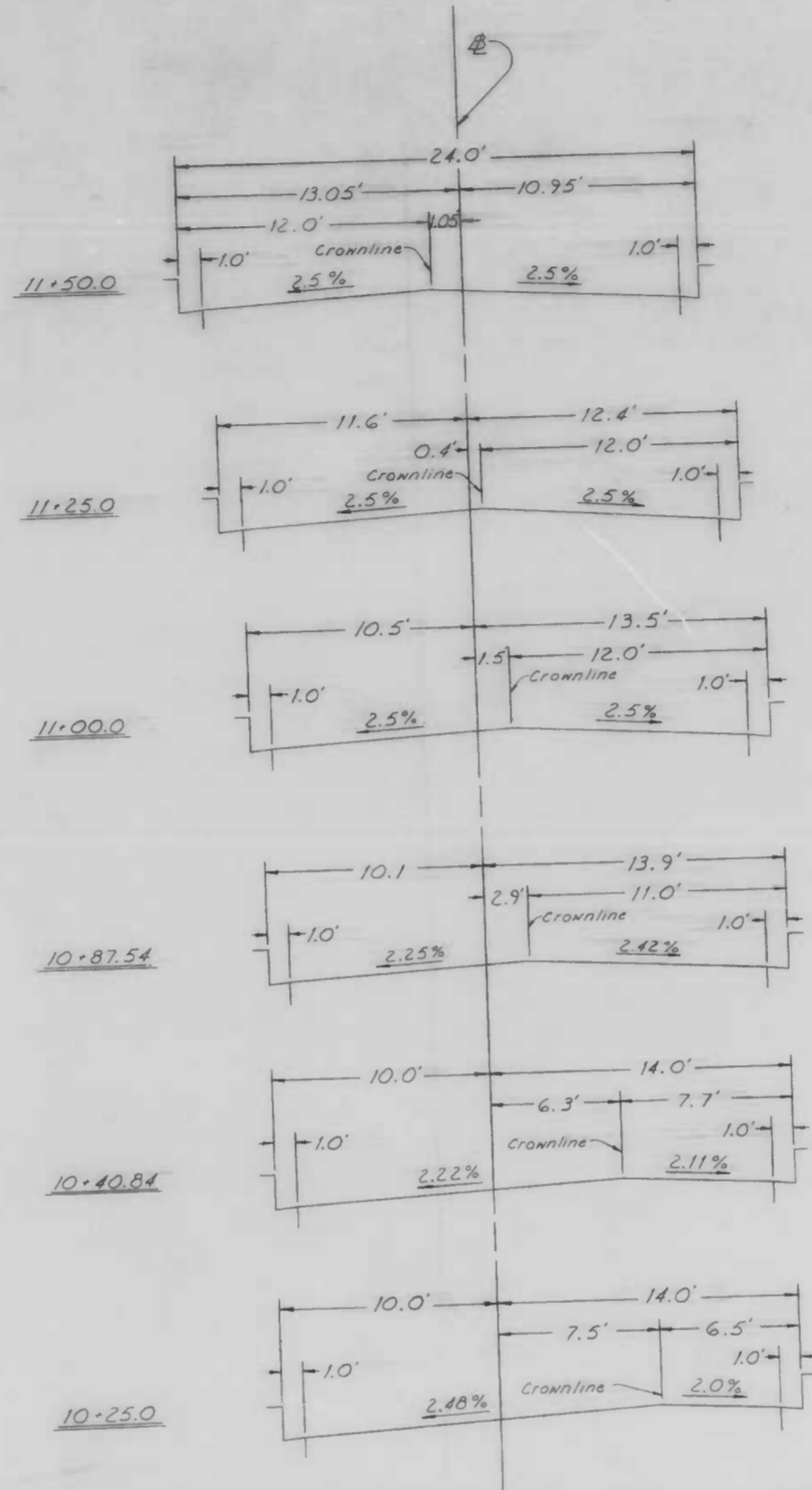
REVISIONS		
NO.	DESCRIPTION	DATE BY



DETAIL SECTION
 Sta. 2+00.0 ~ Sta. 8+50.0
 Sta. 12+00.0 ~ Sta. 19+50.0 (Reverse the roadway dimensions)



DETAIL SECTION
 Sta. 0+50.0 ~ Sta. 1+50.0 (Reverse the roadway dimensions)
 Sta. 9+00.0 ~ Sta. 10+25.0



TRANSITION DIAGRAM

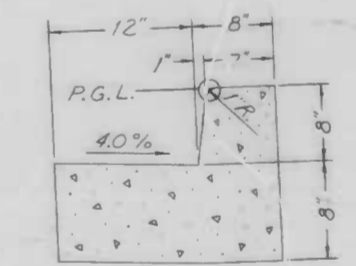
SYMBOLS

- Approx. limit of proposed paving
- Areas to be stripped to the existing concrete base and resurfaced with a variable depth bituminous concrete binder course (Band B.I.) and 2" bituminous concrete surface course (Band S.N.)
- Approx. limit cement concrete walk (5" in depth)
- Approx. limit of proposed cut slope
- Area of a variable flat fill for "Dressing Up". See the detailed cross-sections for the exact slope treatment.
- Proposed driveways and alleys to be paved with 7" cement concrete Mix #6 on 6" crusher run aggregate (CR-6)
- Approx. limit of proposed driveway to be paved as noted.
- Area of existing concrete walk to be removed, backfilled, topped & sodded.

LEGEND

- (A) 2" bituminous concrete surface course (Band SA)
- (B) 6" bituminous concrete binder course (Band B.I.) (Compact in two 3" layers)
- (C) 6" crusher run aggregate (CR-6)
- (D) Limit of class 'I' excavation
- (E) Standard type 'A' combination curb & gutter (12" pan), (8" depth)
- (F) 5" cement concrete walk
- (G) 1/2" preformed expansion joint

NOTE All slopes and other unpaved areas to be covered with 2" of topsoil & sodded.



STANDARD TYPE 'A' COMBINATION CURB & GUTTER

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066

MCCABE AVENUE
 YORK RD. ~ MIDWOOD AVE.

DETAILED SECTIONS AND DETAILS

SCALE NONE DATE MAY 9, 1986
 HIGHWAY ENGINEERING DIVISION SHEET 2 OF 22

FILE REF.

Book Nos.: L-1169, L-1176, L-1182
 DRAWN BY S. Postberg
 EXAMINED BY Wm. F. Crumpton, Jr.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

CONSTRUCTION NOTES

Unless otherwise noted, existing trees, shrubbery, walls and fences will remain in fact and shall be protected from damage during construction.

Reconnect all existing roof drains disturbed by construction (whether shown or not) that drain to the street. They shall be reconnected in such a manner so as to ensure proper drainage, run under the proposed crosswalk and through the proposed curb.

All unpaved areas disturbed by construction shall be topsoiled and sodded.

All limbs and debris will be removed from those properties affected by the removal of trees from within the city right of way.

Unless otherwise noted, all proposed steps will be constructed at the back of the proposed crosswalk. Where permanent steps cannot be immediately installed, temporary steps must be supplied. They must be of the same riser and tread size as the existing steps or the proposed, whichever the field engineer deems more appropriate.

Refer to Typical Driveway Standard B.C. 500.01 to explain depress drive notes.

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

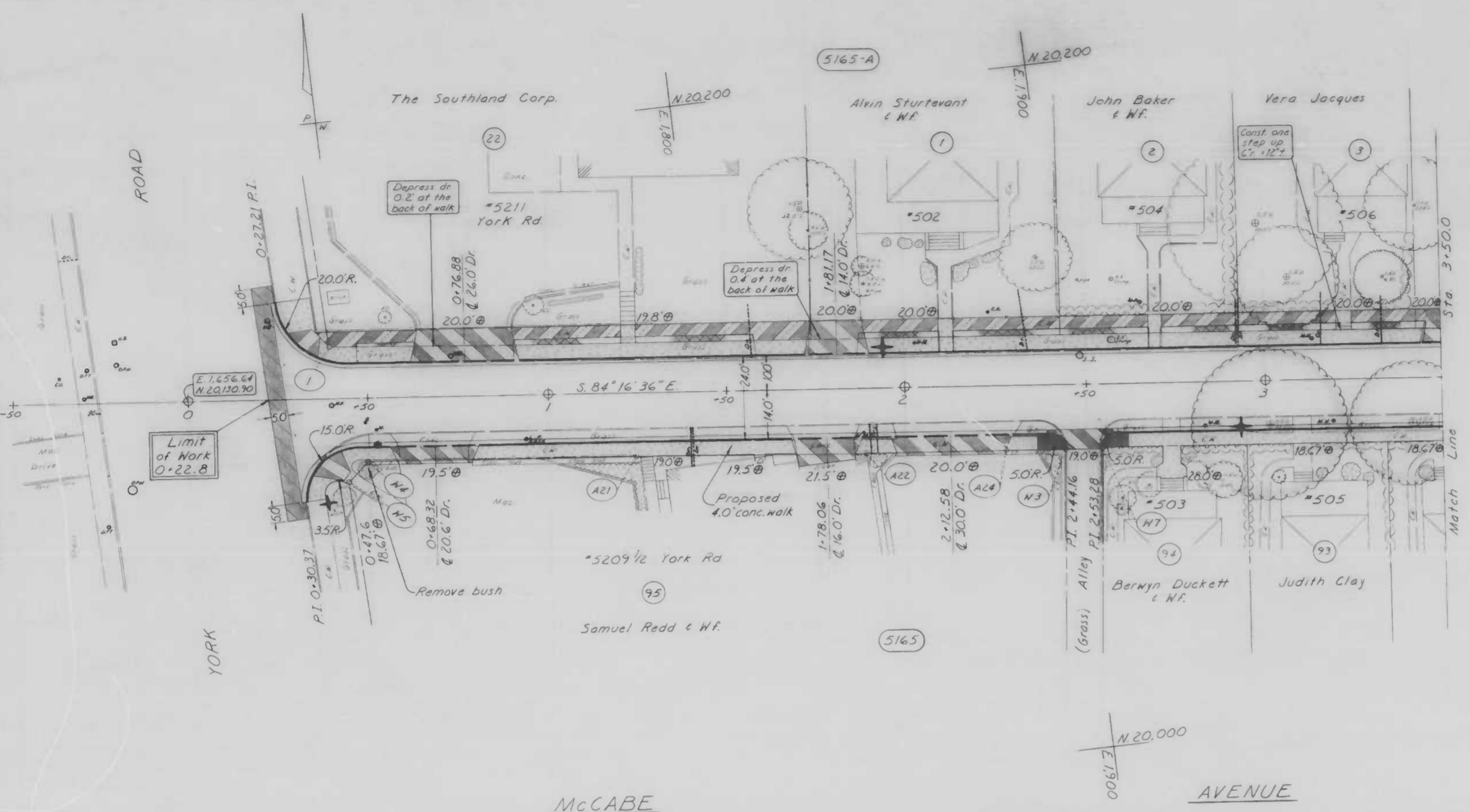
TREES TO BE REMOVED

STATION	OFFSET	TRUNK	SPREAD
2+57.17	12.63' L.	2.5'	Stump
3+01.06	12.94' R.	2.0'	44.0'
3+41.55	13.12' R.	2.5'	37.3'

RIGHT OF WAY COORDINATES

POINT	EAST	NORTH	STATION	OFFSET
1	1,697.94	20,141.84	0+40.00	15.00' L.
W5	1,698.622	20,101.941	0+44.66	24.63' R.
W4	1,704.415	20,102.343	0+49.89	18.68' R.
A21	1,778.308	20,099.981	1+24.14	18.63' R.
A22	1,842.756	20,093.109	1+88.96	19.04' R.
A24	1,881.219	20,089.183	2+27.62	7.11' R.
W3	1,897.297	20,087.531	2+43.78	19.15' R.
W7	1,907.299	20,087.011	2+53.79	18.67' R.

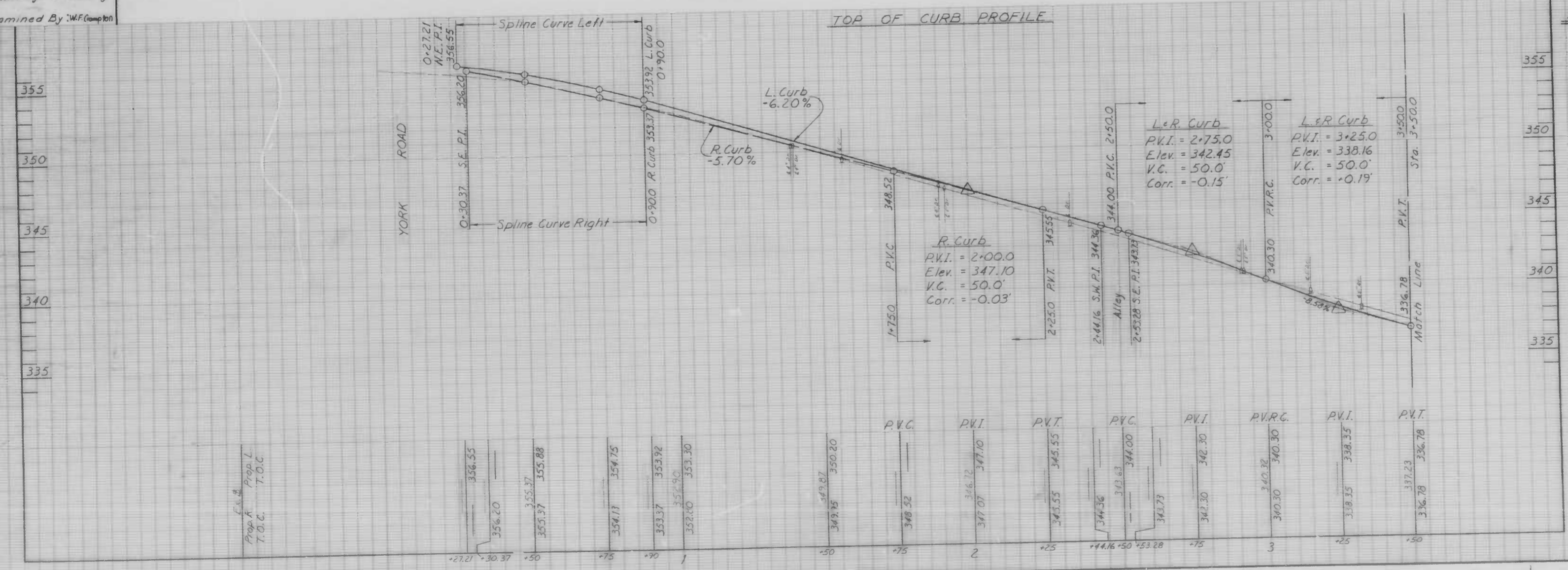
- Standard pedestrian ramp - Type 1
B.C. 655.20
- Typical pedestrian ramp section at alleys
Type 5 - B.C. 655.24
- Existing roof drain (See Construction Note)



Book Nos. L-1169, L-1176 & X-892
 Drawn By: S. Vosburg
 Examined By: W.F. (signature)

MCCABE

AVENUE



Benchmark
 3003 --- Box Cut N.E. corner of bottom step of entrance to Gavan MRE Church on the N.W. corner of York Rd. & McCabe Avenue --- 365.60

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066

MCCABE AVENUE
 YORK RD. ~ MIDWOOD AVE.
 PLAN & PROFILE
 YORK RD. ~ STA 3+50.00

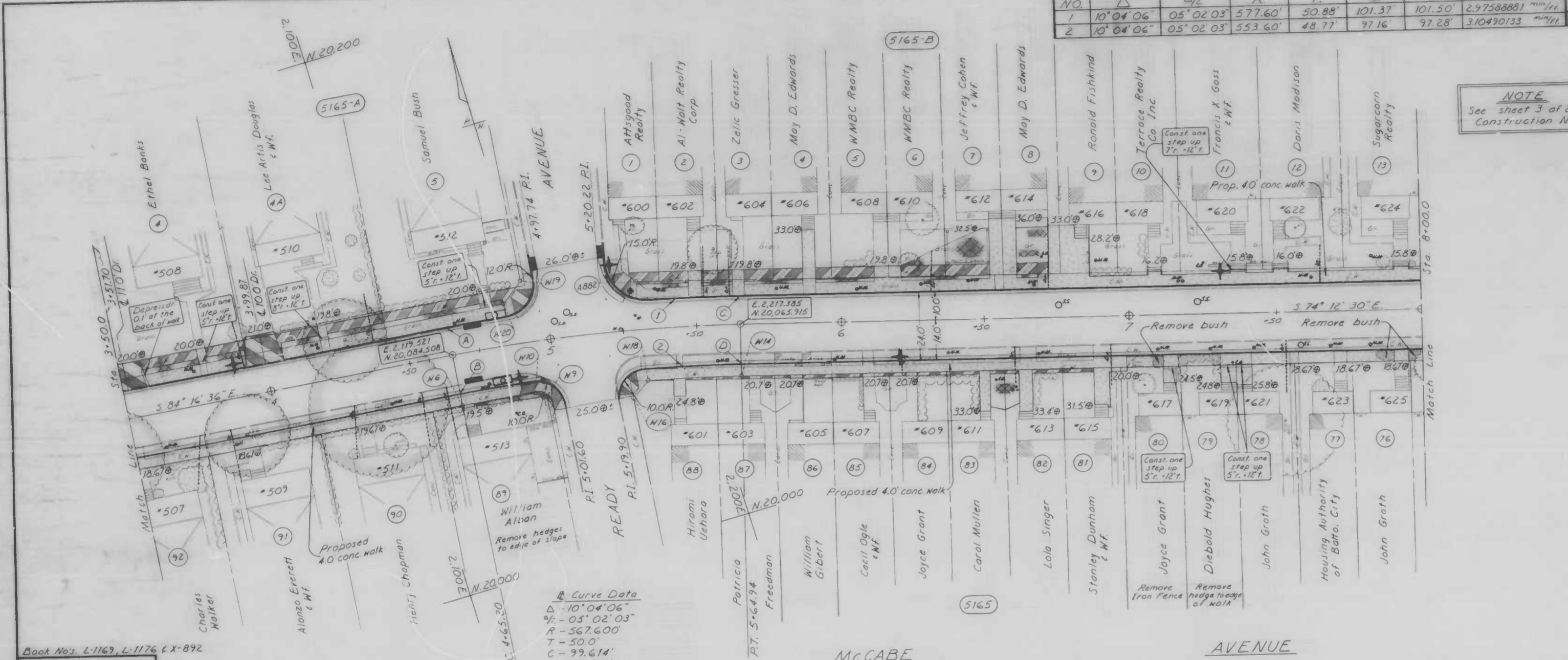
SCALE: HORIZ. 1"=20.0', VERT. 1"=4.0' DATE: MAY 9, 1986
 HIGHWAY ENGINEERING DIVISION SHEET 3 OF 22

FILE REF.

FILE REF.

NO	Δ	B/C	R	T	C	L	Stationing
1	10° 04' 06"	05° 02' 03"	577.60'	50.88'	101.37'	101.50'	2,775,888.1 mm ² /ft.
2	10° 04' 06"	05° 02' 03"	553.60'	48.77'	97.16'	97.28'	3,104,901.33 mm ² /ft.

NO.	REVISIONS	DATE	BY
	DESCRIPTION		



NOTE
See sheet 3 of 22 for Construction Notes

NOTE
OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

TREES TO BE REMOVED			
STATION	OFFSET	DIA.	SPREAD
4+28.99	12.74' L.	1.3"	32.0'
3+88.64	13.82' R.	1.2"	32.0'
4+35.79	13.12' R.	2.7"	53.0'

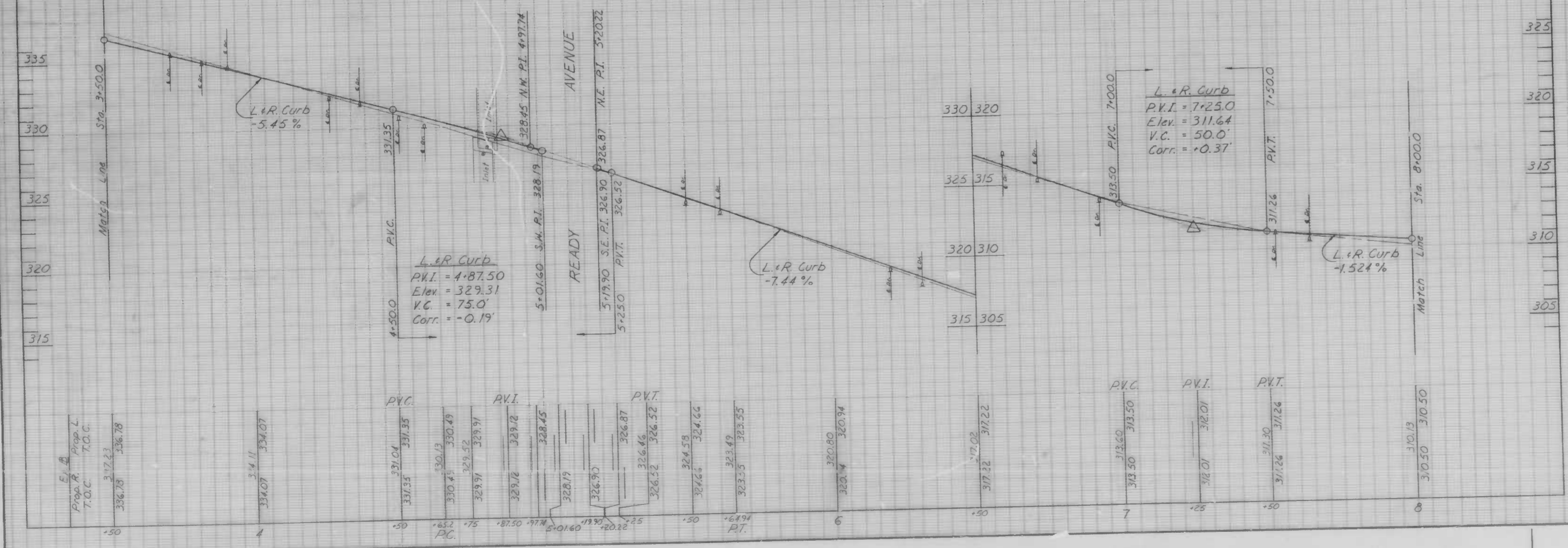
CURB LOCATION			
PT. DESCRIPTION	STATION	OFFSET	
A P.C. N.C.	3+65.20	10.0' L.	
B P.C. S.C.	4+25.20	14.0' R.	
C P.T. N.C.	5+64.94	10.0' L.	
D P.T. S.C.	5+64.94	14.0' R.	

RIGHT OF WAY COORDINATES				
POINT	EAST	NORTH	STATION	OFFSET
N 19	2,147,685	20,103,164	4+92.30	22.24' L.
N 20	2,142,026	20,096,897	4+85.82	14.94' L.
N 6	2,117,659	20,065,328	4+65.20	19.67' P.
N 10	2,143,022	20,062,788	4+91.63	18.67' R.
N 9	2,145,814	20,060,853	4+94.79	20.17' R.
A 882	2,188.21	20,091.11	5+31.03	17.35' L.
N 16	2,174,912	20,051,393	5+26.35	24.28' R.
N 18	2,181,411	20,055,723	5+32.00	18.67' R.
N 14	2,212,303	20,047,947	5+64.94	18.67' R.

Standard pedestrian ramp - Type 1
B.C. 655.20
Special pedestrian ramp - Type 7
B.C. 655.26
Existing roof drain (See Construction Note)

Book No's: L-1163, L-1176 & X-892
Drawn By: S. Vosburg
Examined By: W.F. Crampton

TOP OF CURB PROFILE



CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD. - MIDWOOD AVE.
PLAN & PROFILE
STA. 3+500 - STA. 8+000

SCALE: HORIZ. 1"=20.0', VERT. 1"=4.0' DATE: MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 4 OF 22

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

CURVE DATA						
NO.	Δ	R	T	C	L	d
3	02° 14' 44"	01° 07' 22"	2,541.19	49.8'	99.59'	99.6'
4	02° 14' 44"	01° 07' 22"	2,563.19	30.27'	100.53'	100.54'
5	07° 38' 39"	03° 49' 19.5"	449.05	30.0'	59.87'	59.91'
6	07° 38' 39"	03° 49' 19.5"	449.05	30.0'	59.87'	59.91'

NOTE
See sheet 13 of 22 for additional Storm Water work in the rear of #710, #712 & #714.

Curve Data
Δ - 07° 38' 39"
R - 748.42'
T - 50.0'
C - 99.78'
L - 99.85'
d - 2.29666943 min/in

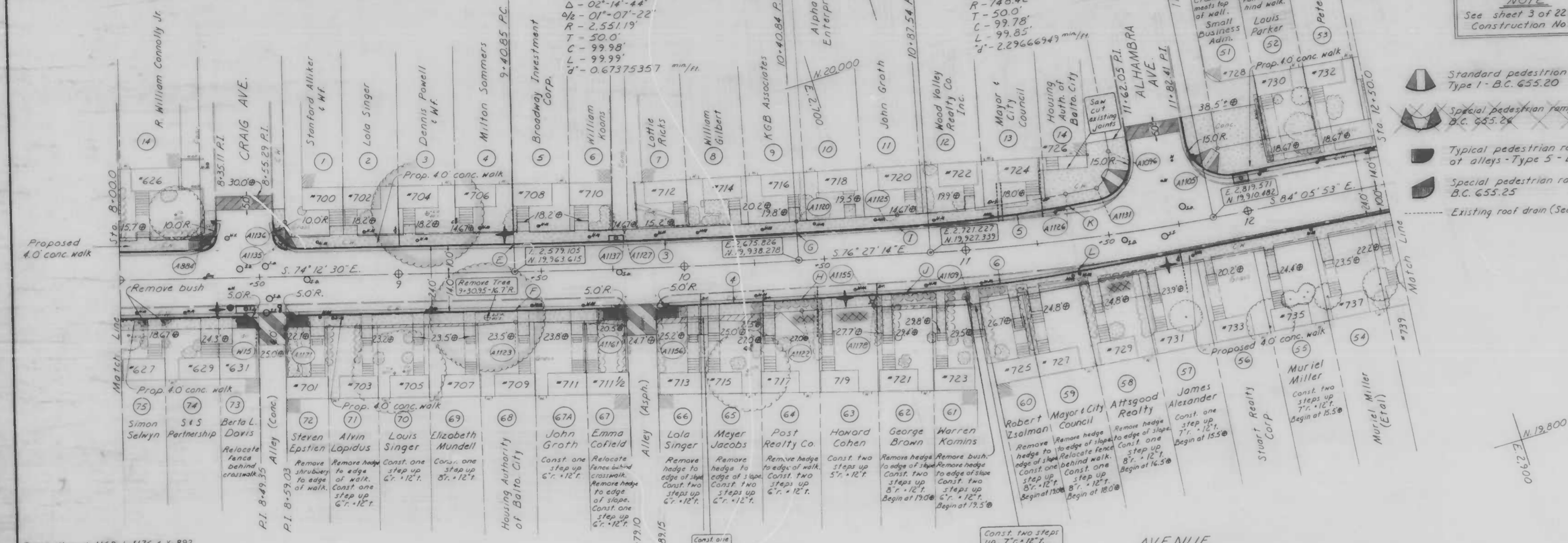
NOTE
See sheet 3 of 22 for Construction Notes

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

- Standard pedestrian ramp Type 1 - B.C. 655.20
- Special pedestrian ramp Type 4 - B.C. 655.24
- Typical pedestrian ramp section of alleys - Type 5 - B.C. 655.24
- Special pedestrian ramp - Type 6 - B.C. 655.25
- Existing root drain (See Construction Note)

PT.	DESCRIPTION	STATION	OFFSET
E	PC NC	9+40.85	10.0' L
F	PC SC	9+40.85	14.0' R
G	PT NC	10+40.84	10.0' L
H	PT SC	10+40.84	14.0' R
I	PC NC	10+78.84	10.0' L
J	PC SC	10+78.84	14.0' R
K	PT NC	11+37.43	12.36' L
L	PT SC	11+37.43	11.7' R

RIGHT OF WAY COORDINATES				
POINT	EAST	NORTH	STATION	OFFSET
A884	2,475.96	20,008.66	8+29.34	15.28' L
A1136	2,506.201	20,005.197	8+59.38	20.17' L
A1135	2,507.688	19,999.570	8+62.34	15.16' L
N15	2,485.727	19,970.618	8+49.09	18.67' R
A1171	2,495.350	19,967.900	8+59.09	18.67' R
A1123	2,574.024	19,945.650	9+40.85	18.67' R
A1161	2,611.398	19,935.383	9+79.33	18.66' R
A1127	2,620.150	19,967.347	9+79.55	14.69' L
A1137	2,620.206	19,967.540	9+79.55	14.67' L
A1156	2,621.068	19,932.826	9+89.26	18.66' R
A1120	2,679.258	19,952.540	10+40.84	18.67' R
A1122	2,671.449	19,920.127	10+40.84	18.67' R
A1155	2,696.378	19,914.298	10+66.44	18.50' R
A1178	2,696.330	19,914.135	10+66.43	18.67' R
A1125	2,714.258	19,944.108	10+76.84	14.67' L
A1109	2,728.89	19,904.98	10+99.90	20.05' R
A1126	2,772.651	19,934.102	11+37.11	17.02' L
A1131	2,783.400	19,932.990	11+48.15	17.66' L
A1096	2,791.59	19,944.64	11+54.71	30.41' L
A1105	2,828.64	19,934.43	11+93.95	24.75' L

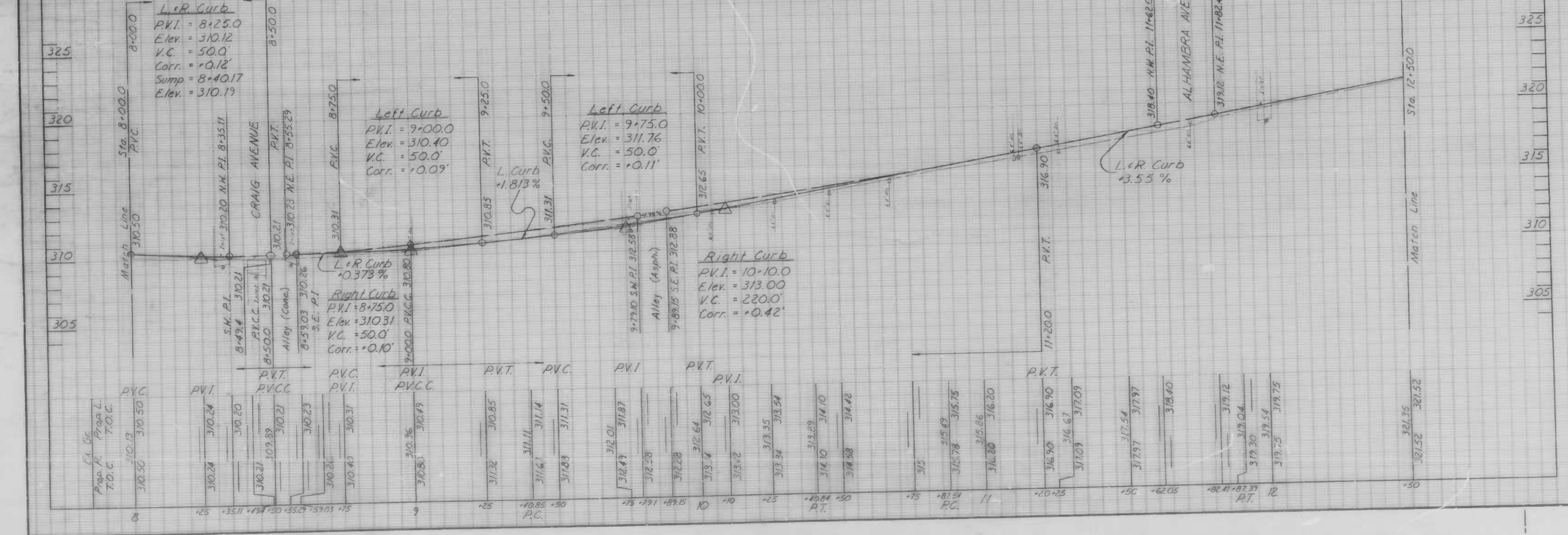


Book No. L1169, L1176 & L1892
Drawn By: S. Vosburg
Examined By: M. Compton

MCCABE

AVENUE

TOP OF CURB PROFILE



CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD. ~ MIDWOOD AVE.
PLAN & PROFILE
STA 8+00.0 ~ STA 12+50.0

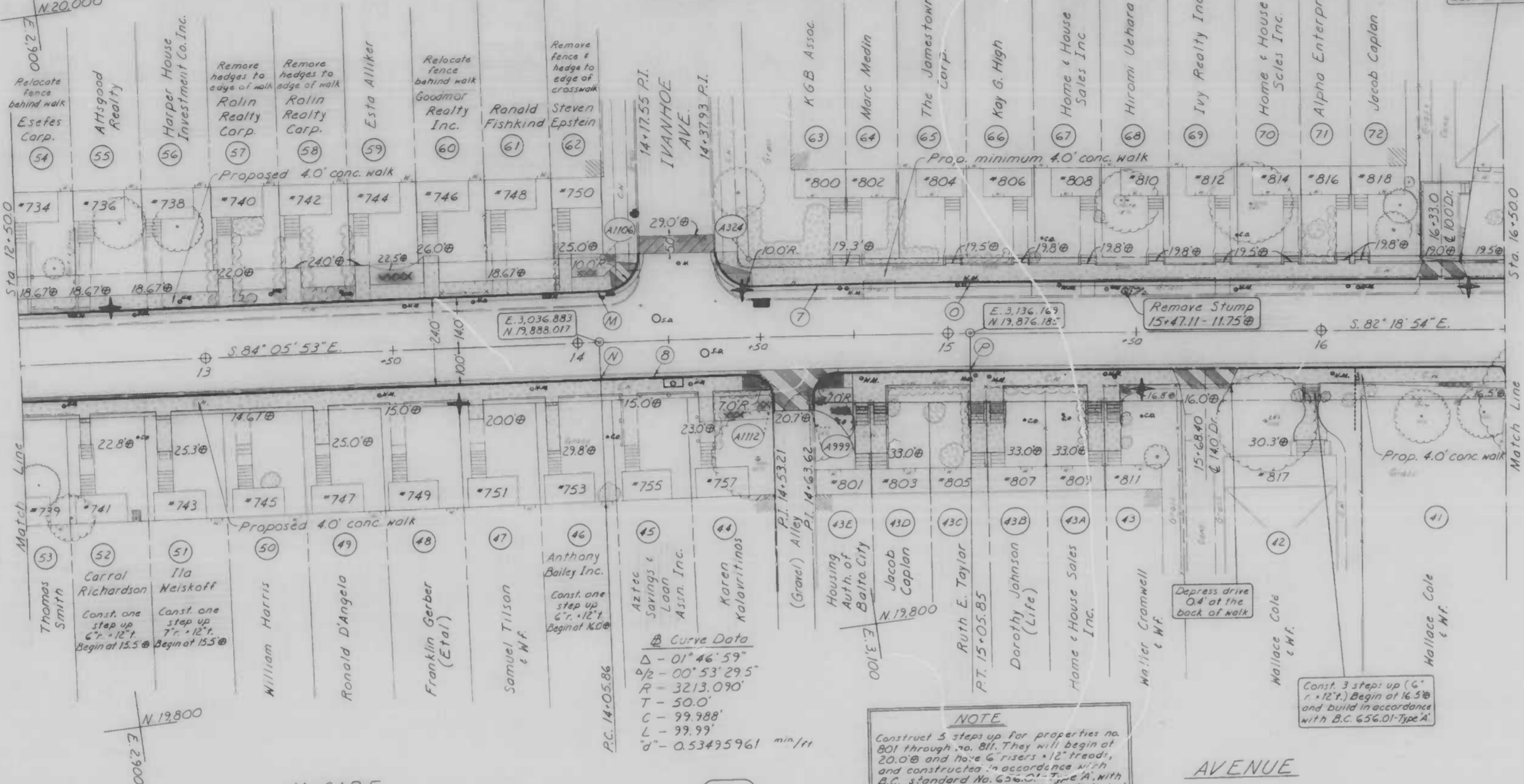
SCALE: HORIZ. 1"=20.0', VERT. 1"=4.0' DATE: MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 5 OF 22

FILE REF.

FILE REF.

NO	Δ	Q2	R	T	C	L	d
7	01°46'59"	00°53'29.5"	3,227.070	50.22'	100.42'	100.43'	0.53263881 min/m
8	01°46'59"	00°53'29.5"	3,203.090	49.84'	99.68'	99.68'	0.53662974 min/m

REVISIONS			
NO.	DESCRIPTION	DATE	BY



NOTE
See sheet 3 of 22 for Construction Notes

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

CURB LOCATION			
PT.	DESCRIPTION	STATION	OFFSET
M	PC, NC	14+05.86	14.0' L
N	PC, SC	14+05.86	10.0' R
O	RT, NC	15+05.85	14.0' L
P	PT, SC	15+05.85	10.0' R

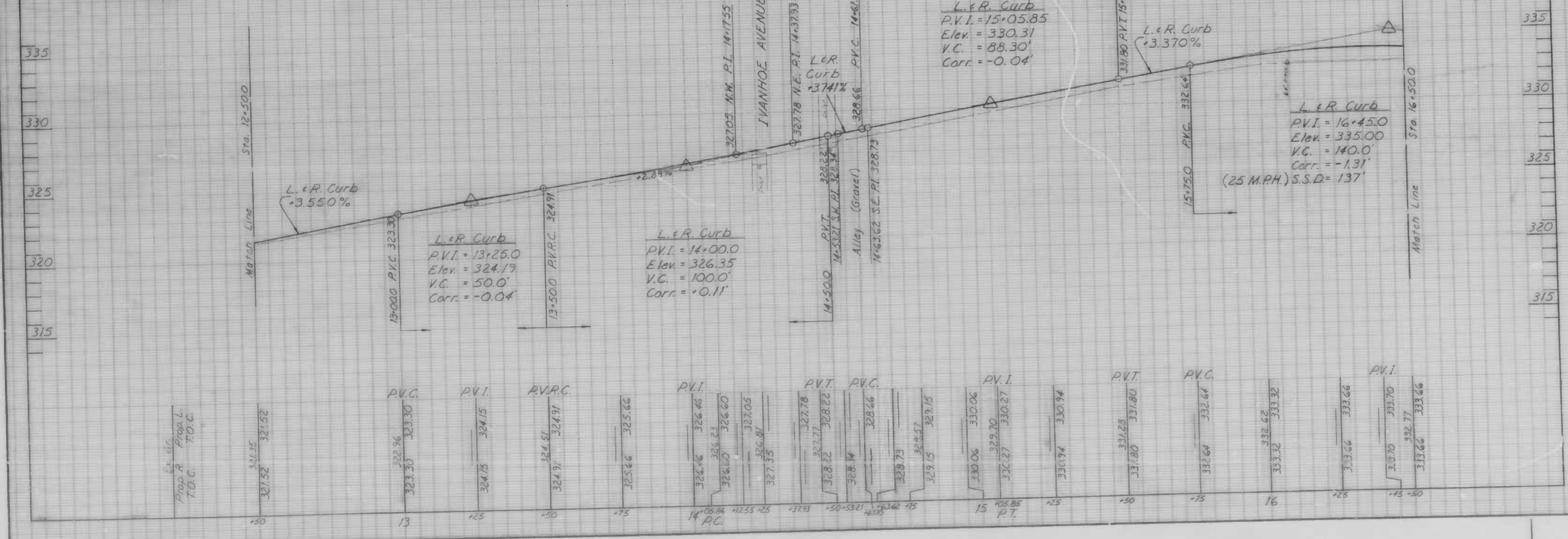
RIGHT OF WAY COORDINATES				
POINT	EAST	NORTH	STATION	OFFSET
A1106	3,041.24	19,911.46	14+07.77	23.77' L
A324	3,080.78	19,905.18	14+47.48	21.96' L
A1112	3,081.41	19,866.88	14+52.56	16.11' R
A999	3,071.03	19,863.40	14+62.58	18.42' R

- Standard pedestrian ramp - Type 1
B.C. 655.20
- Typical pedestrian ramp section at alleys
Type 5 - B.C. 655.24
- Special pedestrian ramp - Type 6
B.C. 655.25
- Existing roof drain (See Construction Note)

NOTE
Construct 5 steps up for properties no. 801 through no. 811. They will begin at 20.00' and have 6.75" x 12" treads. B.C. standard No. 655.21 Type A with handrail. Any gates or fences disturbed shall be readjusted to meet proposed work.

Book No.: L-1169, L-1176 & L-892
Drawn By: S. Vosburg
Examined By: J.W. Campen

TOP OF CURB PROFILE



CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD. ~ MIDWOOD AVE.
PLAN & PROFILE
STA 12+500 ~ STA 16+500

SCALE: HORIZ. 1"=20.0'; VERT. 1"=4.0' DATE: MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 6 OF 22

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

FILE REF.

Sta. 8+32.14
Remove Existing Inlet And Existing 15" Drain To Proposed Standard Storm Manhole

Sta. 4+36.14
Construct Standard Storm Manhole Standard DC-30501, Construct Over Existing 6" Drain, Remove 22" Of Abandoned 4" Water

Sta. 8+15.00
Remove Existing Inlet, Plug 15" Drain With Brick Masonry

Sta. 8+57.11
Remove Existing Inlet, Plug 15" Drain With Brick Masonry

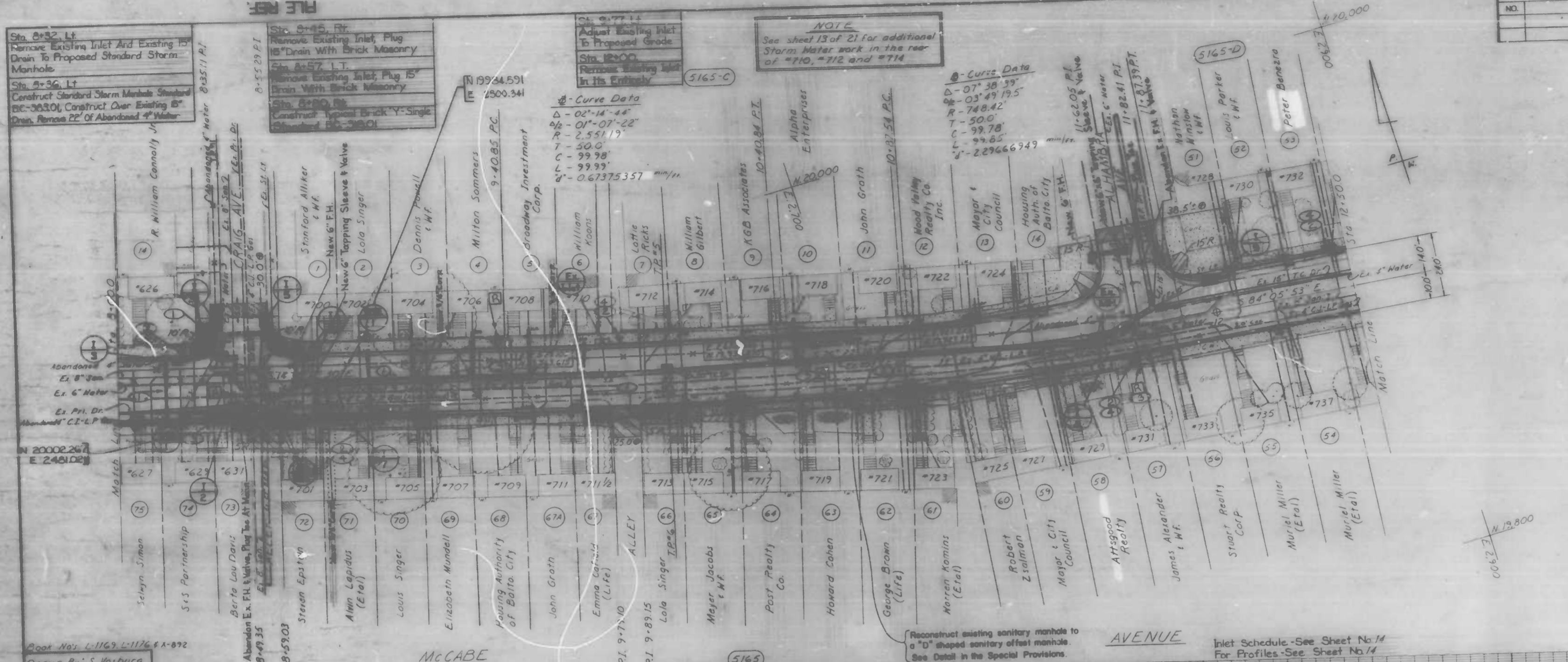
Sta. 8+10.00
Construct Typical Brick Y-Single Standard DC-30501

NOTE

See sheet 13 of 21 for additional Storm Water work in the rear of #710, #712 and #714

Curve Data

Δ = 02°14'44"
 Δs = 01°07'22"
 R = 551.19'
 T = 50.0'
 C = 99.98'
 L = 99.99'
 M = 0.67375357 min/pi



NOTE OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVIENCE OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION

NOTE Baltimore Gas & Electric Co. C & P Telephone Co Contact "Miss Utility" at 1-800-257-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

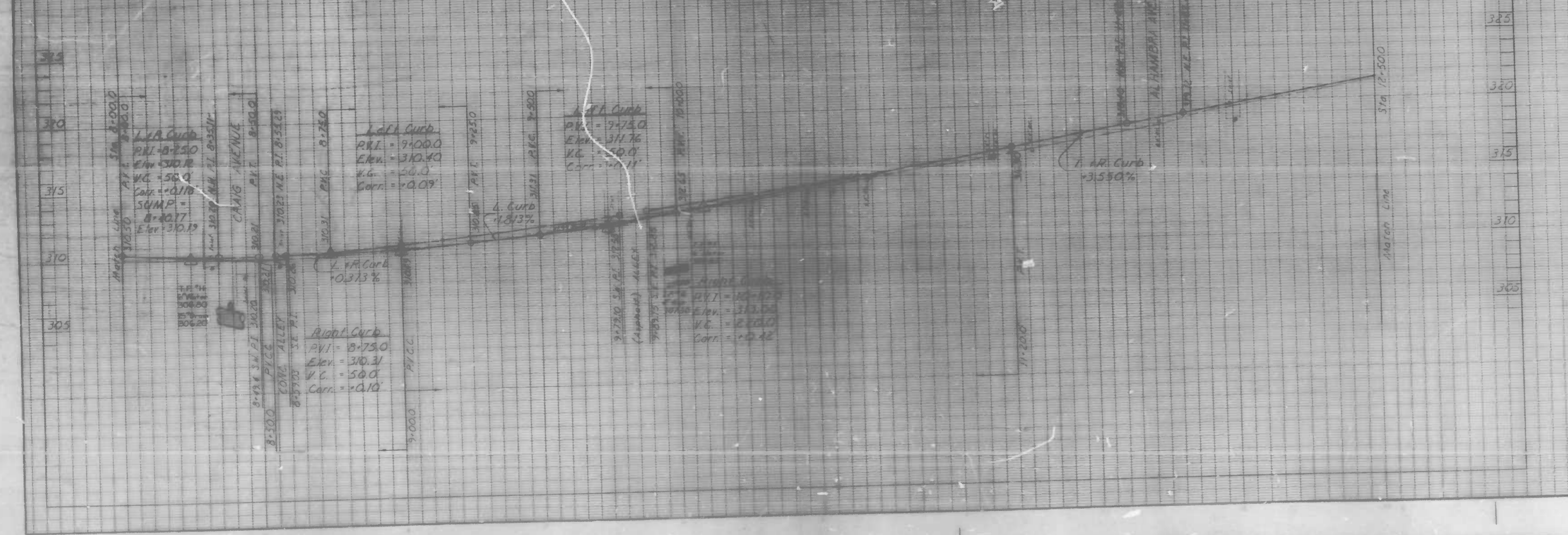
CONDUIT: For proposed conduit instructions & key see sheet 8 of 22

SEE SHEET 11 FOR WATER NOTES

WATER ENGINEERING DIVISION

Drawn By: C. Curtis
 Checked By: W. Miller
 Chief, Water Eng. Sect.

Book No. L-1169 L-1176 & L-892
 Drawn By: S. Hasbarg
 Examined By: W.P. Chapman

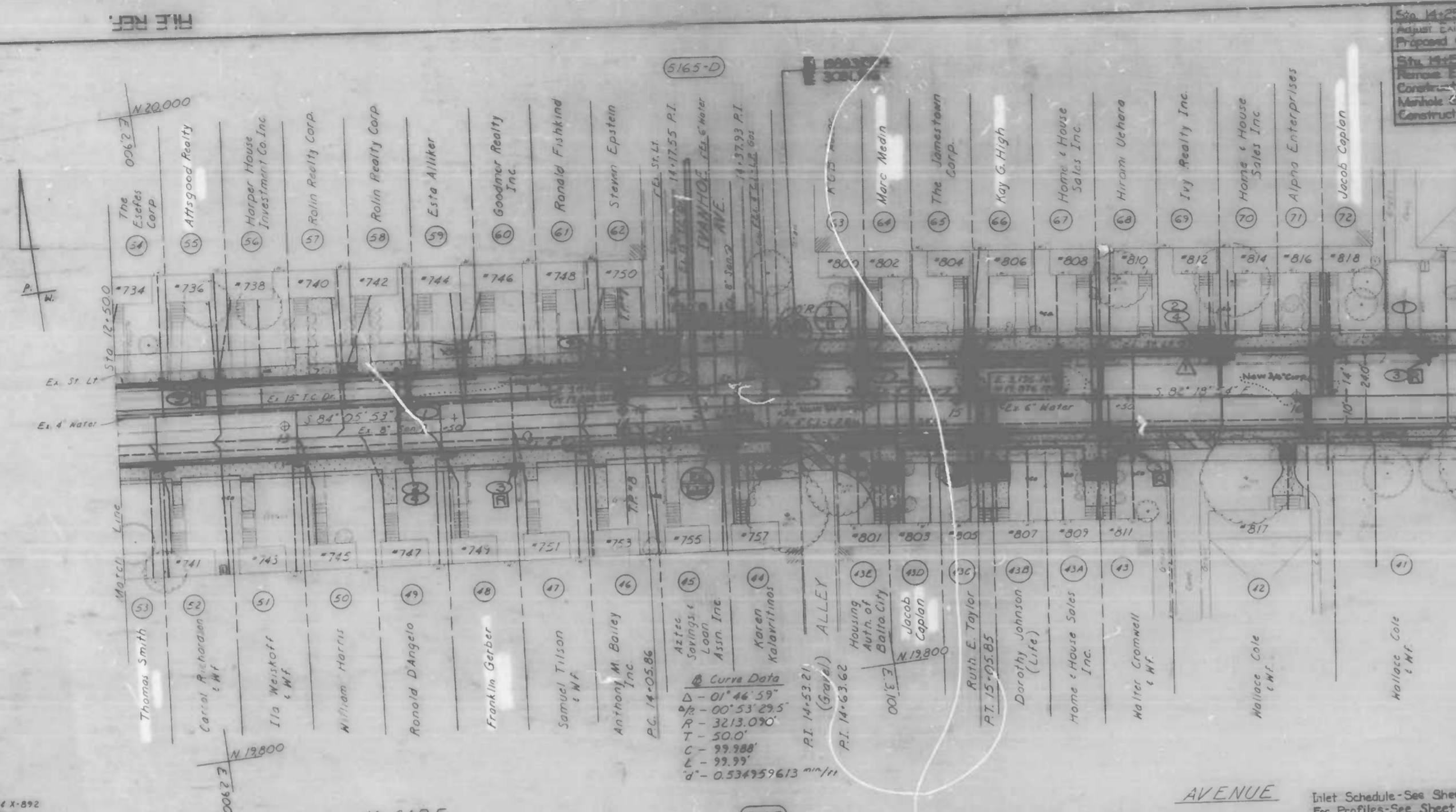


CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3046

MCCABE AVENUE
 YORK RD ~ MIDWOOD AVE.
 UTILITY PLAN
 STA. 8+000 ~ STA. 12+500

SCALE: HORIZ. 1"=200', VERT. 1"=40' DATE MAY 9, 1986
 HIGHWAY ENGINEERING DIVISION SHEET 10 OF 22

FILE REF.



Sta 14+25.00
 Adjust Existing 12" W
 Proposed Curb
 Sta 15+50.00
 Bureau Existing 12" W
 Construct Standard Sewer
 Manhole Standard BC-500 01
 Construct Over Existing Inlet

REVISIONS		
NO	DESCRIPTION	DATE
1	CHANGE STATION OF PROFLIGHT	NOV 28 1985

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OF THE DIMENSIONS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

- WATER NOTES**
- 1) Notify The Bureau Of Water & Waste Water Maintenance Division At 330-0243 One (1) Week Before Starting Work.
 - 2) All Existing Water Valves Shall Be Operated By The Bureau Of Water & Waste Water Maintenance Division Forces Only.
 - 3) All Water Supply Services And/Or Meters, Fire Hydrant Releases Shall Be Done In Accordance With Contract Documents And The Book Of Standards.
 - 4) Contractor Shall Observe Extreme Caution When Working Near Or Over Existing Water Facilities.
 - 5) Existing Water Supply Services And/Or Meters To Be Relocated In McCabe Ave.
 - a) Relocation Of (29) Twenty-Nine Single Setting 5/8" Meter Item-801.
 - b) Relocation Of (28) Twenty-Eight 1/2" Water Supply Service, 5/8" Meter Item-802.
 - c) Relocation Of (1) One 1 1/2" Water Supply Service, 1" Meter Item-803.
 - d) Relocation Of (8) Eight Twin Setting 5/8" Meter Item-804.

NOTE: Baltimore Gas & Electric Co. C & P Telephone Co. Contact "Gas Utility" at 1-800-257-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

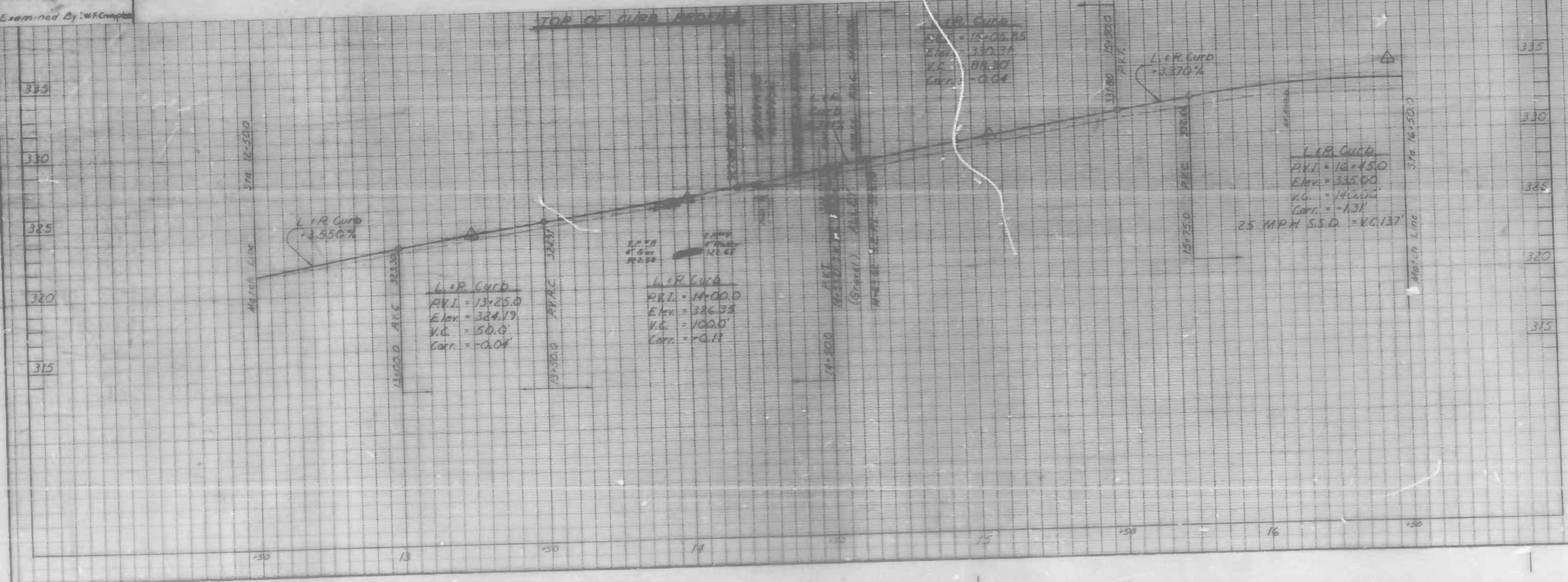


CONDUIT: For proposed conduit instructions & key see sheet 8 of 22.

SHUT-OFF DIAGRAM
 No Scale
 Working Pressure..... 89 P.S.I.
 Test Pressure..... 150 P.S.I.

WATER ENGINEERING DIVISION
 Drawn By: C.T. Curtis
 Checked By: W. Williams
 Chief, Water Eng. Sect.

Book No.: L-1167, L-1176, L-1-892
 Drawn By: S. Vozburg
 Examined By: W.F. Crumpton

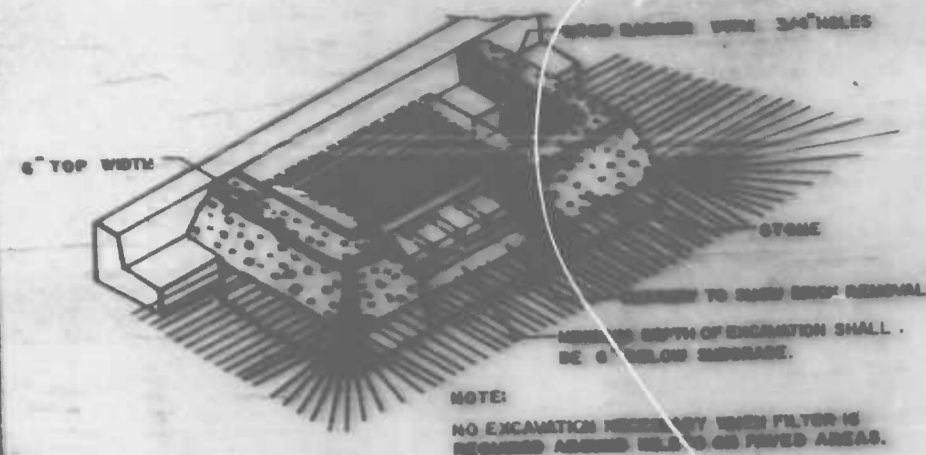


Inlet Schedule - See Sheet No. 14
 For Profiles - See Sheet No. 14

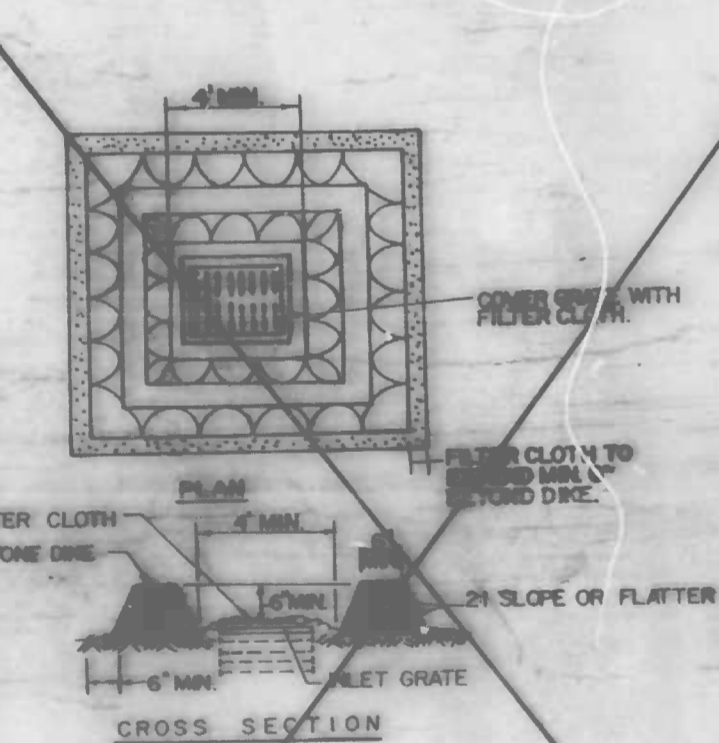
CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066
 McCABE AVENUE
 YORK RD - MIDWOOD AVE.
 UTILITY PLAN
 STA 12+50 - STA 16+50
 SCALE: HORIZ. 1"=100' VERT. 1"=40' DATE: MAY 9, 1986
 CIVIL ENGINEERING DIVISION SHEET 11 OF 22

FILE REF.

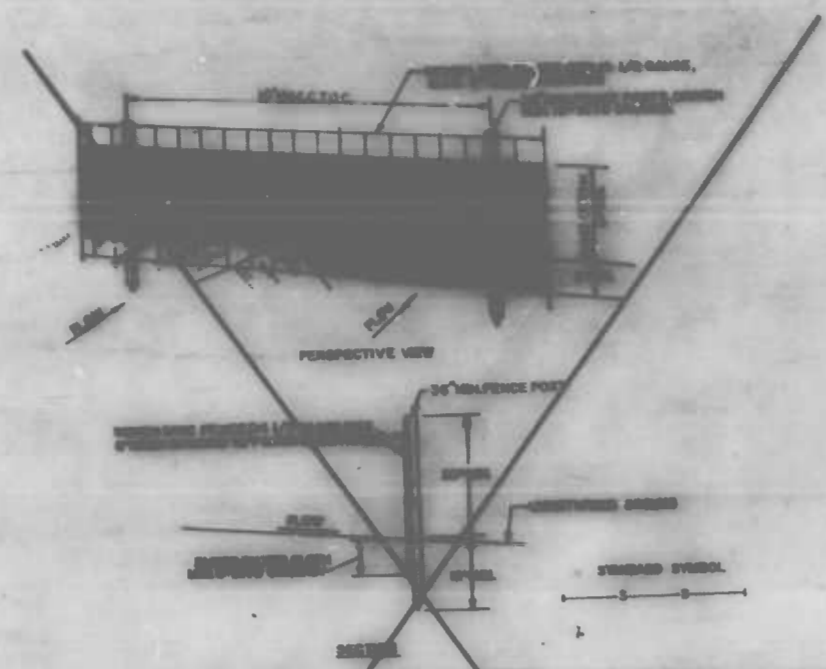
REVISIONS		
NO.	DESCRIPTION	DATE BY



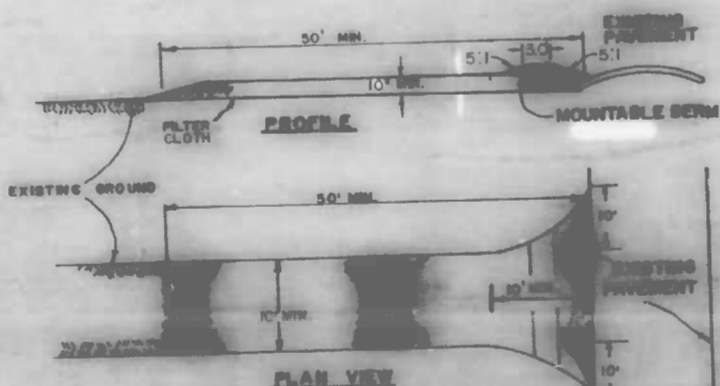
**INLET PROTECTION
DETAIL SC-1**



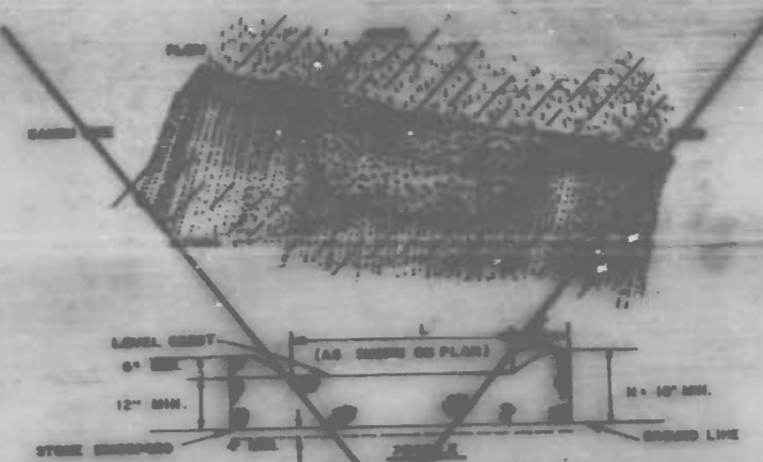
**INLET PROTECTION
DETAIL SC-2**



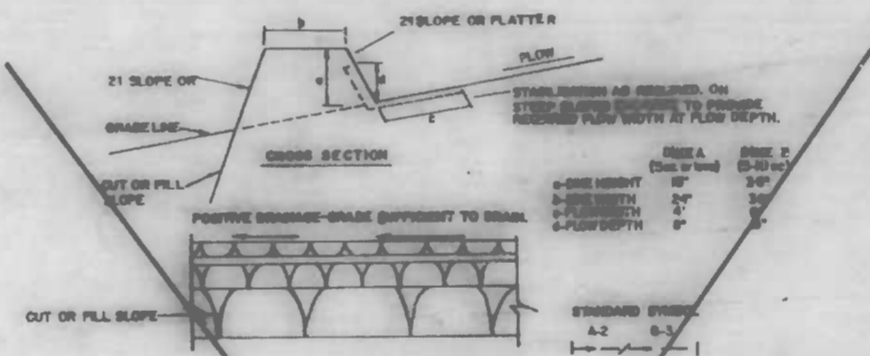
**SILT FENCE
DETAIL SC-3**



**STABILIZED CONSTRUCTION ENTRANCE
DETAIL SC-4
HEAVY DUTY ENTRANCE**



**STONE OUTLET STRUCTURE
DETAIL SC-5**



**EARTH / STONE DIKE
DETAIL SC-6/DETAIL SC-7**

LEGEND

- LIMITS OF DISTURBANCE
- INLET PROTECTION (SC-1)
- SILT FENCE (SC-3) N.I.C.
- STABILIZED CONSTRUCTION ENTRANCE (SC-4)
- STONE OUTLET STRUCTURE (SC-5) N.I.C.
- EARTH/STONE DIKE (SC-6 OR SC-7 AS NOTED) N.I.C.

- CONSTRUCTION SPECIFICATIONS**
- Excavation shall be suspended after each storm and repairs made as needed.
 - Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.
 - The structure shall be removed when drainage area has been properly stabilized.
 - The structure shall be removed when drainage area has been properly stabilized.

- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE**
- Use 1/2" x 1/2" x 1/2" mesh fabric to be fastened securely to posts with wire ties or staples.
 - Posts shall be spaced evenly to maintain 24" spacing between posts.
 - When two sections of silt fence are used, they shall be overlapped by six inches and staked.
 - Maintenance shall be performed as needed and reported immediately when "down" during the silt fence.

- CONSTRUCTION SPECIFICATIONS**
- The stone shall be crushed stone, No. 7 or larger, and shall be used in a layer at least 12" thick.
 - The stone shall be placed in a layer at least 12" thick and shall be laid.
 - The stone outlet structure shall be embedded into the soil a minimum of four inches.
 - The minimum length, in feet, of the stone outlet structure shall be equal to the slope of the site of the structure.
 - The stone outlet structure shall be inspected after each rain, and the stone shall be replaced when the structure comes to function as intended due to silt accumulation among the stone, washed, or otherwise damaged, etc.

- CONSTRUCTION SPECIFICATIONS**
- Stone for the dike shall be crushed stone, No. 7 or larger, and shall be used in a layer at least 12" thick.
 - The stone shall be placed in a layer at least 12" thick and shall be laid.
 - The stone outlet structure shall be embedded into the soil a minimum of four inches.

- CONSTRUCTION SPECIFICATIONS**
- Stone size - No. 7 stone, or equivalent of crushed granite or crushed limestone, but not less than 50 mesh (except on a single 30-foot diameter lot where a 30-foot diameter length would apply).
 - Thickness - Not less than 12 inches.
 - Width - Ten (10) feet minimum, but not less than the full width of the area where drainage of surface water occurs.
 - Filter Cloth - Shall be placed over the entire area prior to placing of stone. Filter cloth shall be secured on a single family residential lot.
 - Surface Water - All surface water flowing or directed toward construction shall be piped across the entrance. If piping is impractical, a portable pump with 2 1/2" diameter hose shall be used.
 - Washing - Washes shall be provided to remove sediment prior to entrance onto public right-of-way. When washing is required, it shall be done on an area established with stone and which drains into an approved sediment trapping device.
 - Public Inspection and needed maintenance shall be provided after each rain.

- CONSTRUCTION SPECIFICATIONS**
- All Earth Dikes shall be equipped by earth moving equipment.
 - All dikes shall have positive drainage to an outlet. If desired to facilitate erosion by construction traffic.
 - Top width may be wider and side slopes may be flatter if desired to facilitate erosion by construction traffic.
 - Field location should be adjusted as needed to maintain a stabilized, safe outlet.
 - Dikes shall have an outlet that functions with a minimum of erosion. Dikes shall be equipped with sediment trapping devices such as a sediment trap or other device approved by the engineering division.
 - Dikes shall be equipped with standard specifications and shall be inspected after each rain.

FLOW CHANNEL SPECIFICATIONS

TYPE OF CHANNEL	CHANNEL SIZE	TYPE A	TYPE B
1	0.5-3.0 FT	Seed and Straw Mat	Seed and Straw Mat
2	3.0-5.0 FT	Seed and Straw Mat	Seed and Straw Mat, or Erosion Control Blanket, 2" Stone
3	5.0-10.0 FT	Seed and Straw Mat, or Sed. 2" Stone	Lined Rip-Rap 4-8"
4	10.0-20.0 FT	Lined Rip-Rap 4-8"	Reinforcing Design

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD ~ MIDWOOD AVE.

SOIL EROSION / SEDIMENT CONTROL DETAILS

SCALE: NO SCALE
HIGHWAY ENGINEERING DIVISION

DATE: MAY 3, 1986
SHEET 21 OF 22

FILE REF.

Book No. 1-1163-1-176-892
DRAWN BY A. MOSCATO
EXAMINED BY

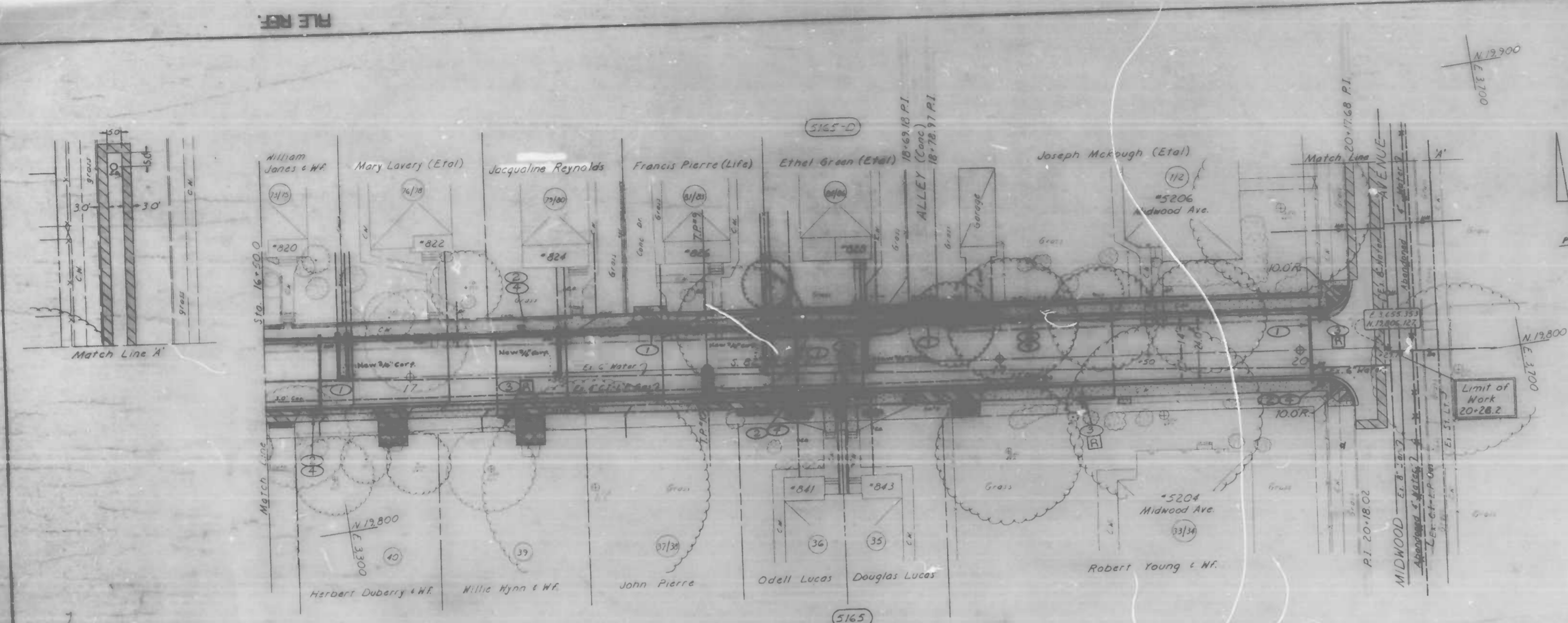
REVISIONS			
NO.	DESCRIPTION	DATE	BY

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION HEREON. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

NOTE: Baltimore Gas & Electric Co. - C & P Telephone Co Contact "Miss Utility" at 1-800-257-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

CONDUIT: For proposed conduit instructions & key see sheet 8 of 22

SEE SHEET 11 FOR WATER NOTES
 WATER ENGINEERING DIVISION
 Drawn By: C. C. Curtis
 Checked By: [Signature]
 Chief, Water Eng. Sect. [Signature]

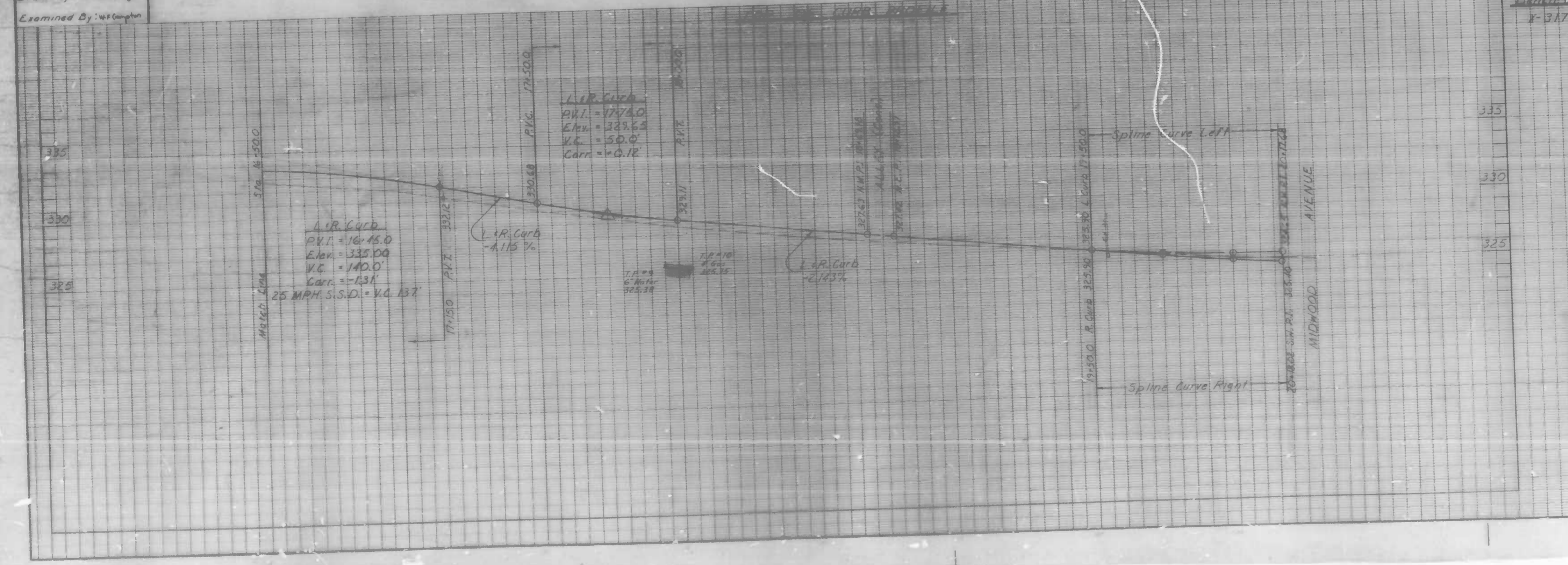


Book No. 1 1163 L 1176 & X-892
 Drawn By: S. Vosburg
 Examined By: [Signature]

MCCABE

AVENUE Midwood Avenue Drainage
 For Drainage Plan-See Sheet No. 13

Point Mark
 * 317 Standard Marker * 2 on the south side of Midwood Ave. at Midwood Ave. in parking



CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066
 MCCABE AVENUE
 YORK RD. - MIDWOOD AVE.
 UTILITY PLAN
 STA 16+50.0 - MIDWOOD AVE.
 SCALE: HORIZ. 1"=20.0', VERT. 1"=4.0' DATE: MAY 9, 1986
 HIGHWAY ENGINEERING DIVISION SHEET 12 OF 22

FILE REF.

REVISIONS		DATE	BY
NO.	DESCRIPTION		
1	REVISED NOTE 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100		

NOTE: CONDUITS ARE SHOWN ON THIS SHEET FOR THE CONSTRUCTION OF THE STABILIZED CONSTRUCTION E. FRANCE SC 4 PHASE II. THE CITY DOES NOT ASSUME RESPONSIBILITY FOR THE CONSTRUCTION OF THE CONDUITS. CONTRACTORS MUST VERIFY ALL INFORMATION TO BE SHOWN ON THIS SHEET.

CONDUIT NOTES

- 1. INSTALL 1 1/2" PVC DUCT DEAD-ENDING 2' BEYOND CURB AND/OR DRIVEWAY AT LOCATION SHOWN.
- 2. INSTALL NEW POLE BASE AT LOCATION AS SHOWN IN CHART.
- 3. REMOVE EXISTING POLE BASE AT LOCATION SHOWN.
- 4. ALL POLE BASES ARE TO BE 3" IN DIAMETER.
- 5. EXISTING POLE BASE TO REMAIN.

NOTE: Baltimore Gas & Electric Co. C & P Telephone Co. Contact "Miss Liberty" at 1-800-331-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

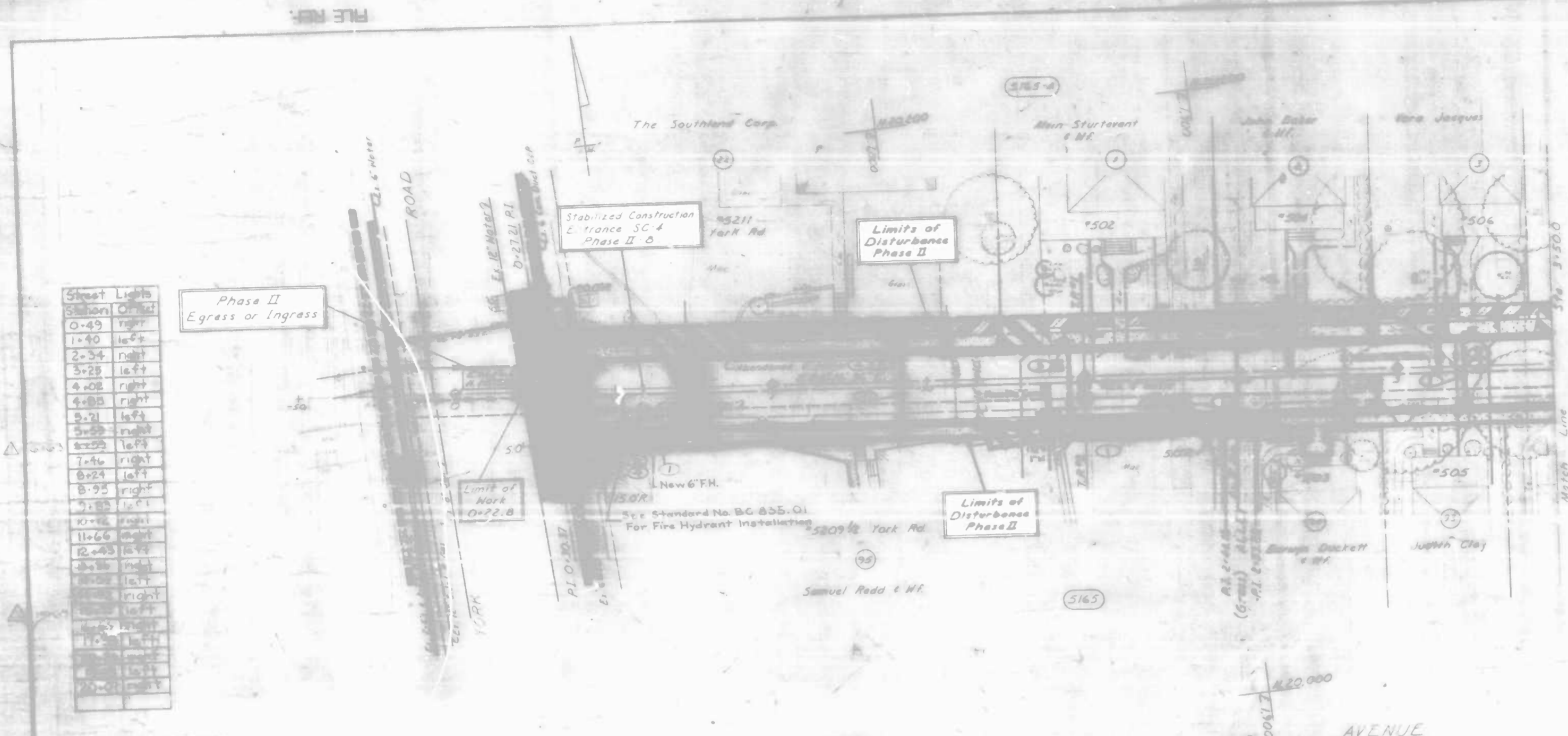
KEY

- ▲ PROPOSED LIGHT
- PROPOSED CONDUIT
- POLES TO BE REMOVED BY OTHERS

SEE SHEET 11 FOR WATER NOTES
 WATER ENGINEERING DIVISION
 Drawn By: C. J. Carlin
 Checked By: J. M. Miller
 Chief, Water Eng. Sect. *[Signature]*

Bench Mark
 3003 --- Box Cut NE corner of bottom step of entrance to St. Ignace Church on the NW corner of York Rd. & McCabe Avenue

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 100 N. E. ST. 3000



Street Light Station	Offset
0+49	right
1+40	left
2+34	right
3+28	left
4+08	right
4+08	right
5+21	left
5+58	right
6+50	left
7+16	right
8+24	left
8+95	right
9+88	left
10+88	right
11+66	left
12+43	right
13+36	left
14+02	right
14+85	left
15+68	right
16+51	left
17+34	right
18+17	left
19+00	right
19+83	left
20+66	right
21+49	left
22+32	right
23+15	left
23+98	right
24+81	left
25+64	right
26+47	left
27+30	right
28+13	left
28+96	right
29+79	left
30+62	right
31+45	left
32+28	right
33+11	left
33+94	right
34+77	left
35+60	right
36+43	left
37+26	right
38+09	left
38+92	right
39+75	left
40+58	right
41+41	left
42+24	right
43+07	left
43+90	right
44+73	left
45+56	right
46+39	left
47+22	right
48+05	left
48+88	right
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333+42	right
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335+08	right

Sheet No. 1163, 1176, 1177, 1178, 1179, 1180, 1181, 1182, 1183, 1184, 1185, 1186, 1187, 1188, 1189, 1190, 1191, 1192, 1193, 1194, 1195, 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, 1219, 1220, 1221, 1222, 1223, 1224, 1225, 1226, 1227, 1228, 1229, 1230, 1231, 1232, 1233, 1234, 1235, 1236, 1237, 1238, 1239, 1240, 1241, 1242, 1243, 1244, 1245, 1246, 1247, 1248, 1249, 1250, 1251, 1252, 1253, 1254, 1255, 1256, 1257, 1258, 1259, 1260, 1261, 1262, 1263, 1264, 1265, 1266, 1267, 1268, 1269, 1270, 1271, 1272, 1273, 1274, 1275, 1276, 1277, 1278, 1279, 1280, 1281, 1282, 1283, 1284, 1285, 1286, 1287, 1288, 1289, 1290, 1291, 1292, 1293, 1294, 1295, 1296, 1297, 1298, 1299, 1300, 1301, 1302, 1303, 1304, 1305, 1306, 1307, 1308, 1309, 1310, 1311, 1312, 1313, 1314, 1315, 1316, 1317, 1318, 1319, 1320, 1321, 1322, 1323, 1324, 1325, 1326, 1327, 1328, 1329, 1330, 1331, 1332, 1333, 1334, 1335, 1336, 1337, 1338, 1339, 1340, 1341, 1342, 1343, 1344, 1345, 1346, 1347, 1348, 1349, 1350, 1351, 1352, 1353, 1354, 1355, 1356, 1357, 1358, 1359, 1360, 1361, 1362, 1363, 1364, 1365, 1366, 1367, 1368, 1369, 1370, 1371, 1372, 1373, 1374, 1375, 1376, 1377, 1378, 1379, 1380, 1381, 1382, 1383, 1384, 1385, 1386, 1387, 1388, 1389, 1390, 1391, 1392, 1393, 1394, 1395, 1396, 1397, 1398, 1399, 1400, 1401, 1402, 1403, 1404, 1405, 1406, 1407, 1408, 1409, 1410, 1411, 1412, 1413, 1414, 1415, 1416, 1417, 1418, 1419, 1420, 1421, 1422, 1423, 1424, 1425, 1426, 1427, 1428, 1429, 1430, 1431, 1432, 1433, 1434, 1435, 1436, 1437, 1438, 1439, 1440, 1441, 1442, 1443, 1444, 1445, 1446, 1447, 1448, 1449, 1450, 1451, 1452, 1453, 1454, 1455, 1456, 1457, 1458, 1459, 1460, 1461, 1462, 1463, 1464, 1465, 1466, 1467, 1468, 1469, 1470, 1471, 1472, 1473, 1474, 1475, 1476, 1477, 1478, 1479, 1480, 1481, 1482, 1483, 1484, 1485, 1486, 1487, 1488, 1489, 1490, 1491, 1492, 1493, 1494, 1495, 1496, 1497, 1498, 1499, 1500, 1501, 1502, 1503, 1504, 1505, 1506, 1507, 1508, 1509, 1510, 1511, 1512, 1513, 1514, 1515, 1516, 1517, 1518, 1519, 1520, 1521, 1522, 1523, 1524, 1525, 1526, 1527, 1528, 1529,

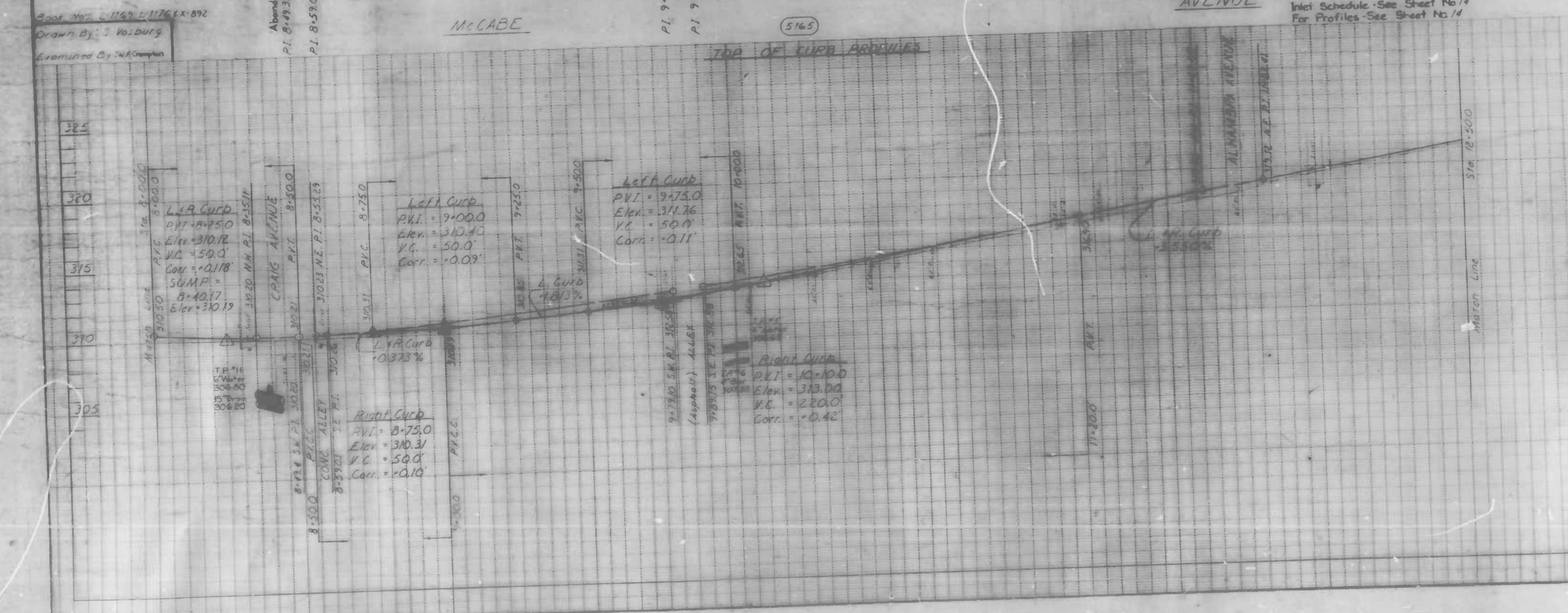
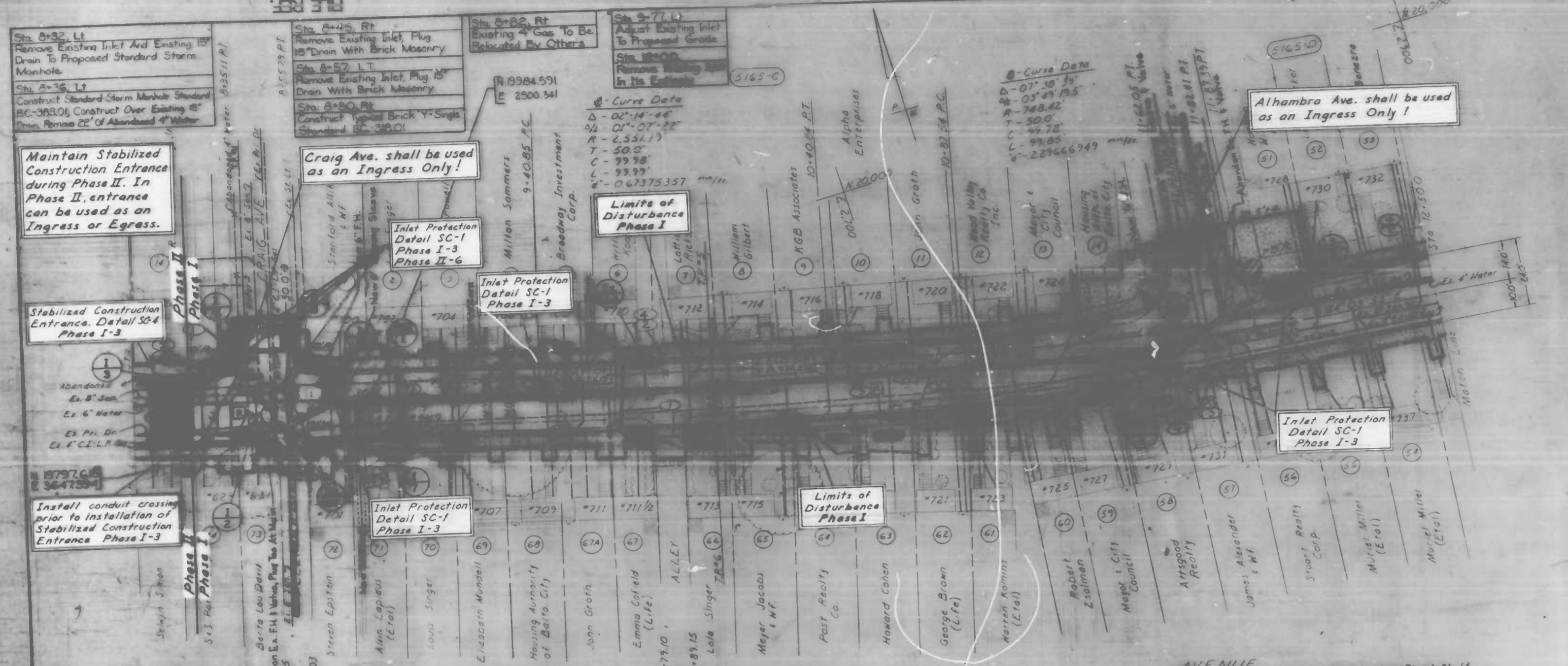
REVISIONS		DATE	BY
NO.	DESCRIPTION		

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OF THE LOCATION OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

NOTE: Baltimore Gas & Electric Co. C & P Employees Do Contact "Blue Print" # 1-800-257-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

CONDUIT: For proposed conduit instructions see sheet 8 of 22.

SEE SHEET 11 FOR WATER NOTES
 WATER ENGINEERING DIVISION
 Drawn By: C. G. METZ
 Checked By: W. W. METZ
 Chief, Water Eng. Sect.



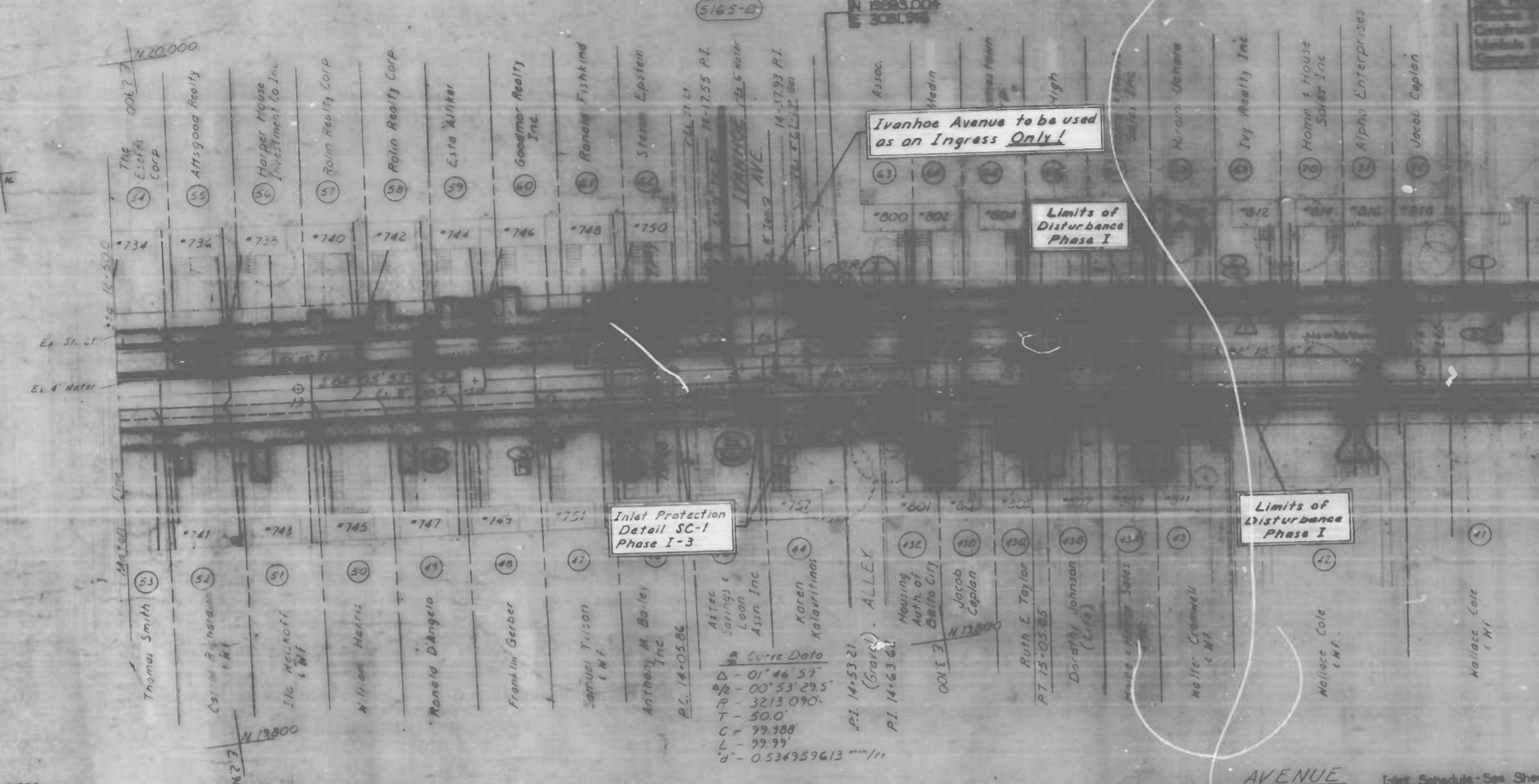
CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066

 MCCABE AVENUE
 YORK RD - MIDWOOD AVE.
 EROSION & SEDIMENT CONTROL PLAN
 STA 8+00.0 - STA 12+50.0
 SCALE: HORIZ. 1"=100', VERT. 1"=4' DATE: MAY 3, 1986
 CIVIL ENGINEERING DIVISION SHEET 17 OF 22

FILE REF.

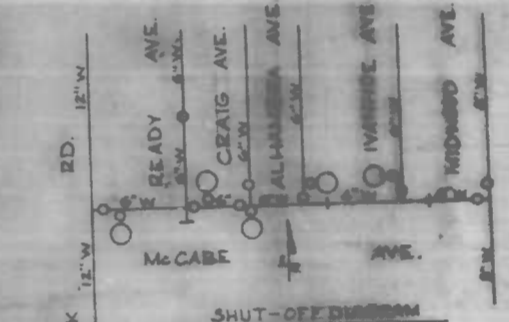
FILE REF.

NO.	DESCRIPTION	DATE	BY
1	CHANGE STATION OF PROP. LINE	REVISION 2-6	



- CONSTRUCTION NOTES**
- 1) Notify The Bureau of Water & Waste Water Services, Division 376-0243 One (1) Week Before Starting Work.
 - 2) All Existing Water Mains Shall Be Covered By The Bureau Of Water & Waste Water Maintenance Division Forces Only.
 - 3) All Water Supply Services And/Or Meters, Fire Hydrant Connections Shall Be Done In Accordance With Contract Documents And The Book Of Standards.
 - 4) Contractor Shall Exercise Extreme Caution When Working Near Or Over Existing Water Facilities.
 - 5) Existing Water Supply Services And/Or Meters To Be Relocated In McCabe Ave.
 - a) Relocation Of (2) Twenty-Nine Single Setting 5/8" Meter Item-801.
 - b) Relocation Of (2) Twenty-Nine 3/4" Water Supply Service, 3/8" Meter Item-802.
 - c) Relocation Of (1) One 1/2" Water Supply Service, 1" Meter Item-803.
 - d) Relocation Of (2) Eight Twin Setting 5/8" Meter Item-804.

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVICTION OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OF THE INFORMATION OF THE INFORMATION GATHERED BY THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.



Working Pressure..... 85 P.S.I.
Test Pressure..... 150 P.S.I.

CONDUIT: For proposed conduit instructions & key see sheet 8 of 22.

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO 3066
McCabe Avenue
York Rd - Midwood Ave
Erosion & Sediment Control Plan
Sta 12+50.0 - Sta 16+50.0
SCALE: HORIZ. 1" = 40' VERT. 1" = 4' DATE MAY 3, 1986
SHEET 8 OF 22

Plan No. C-1167, L-1176 & X-892
Drawn By: S. Vosburg
Examined By: W.R. Campbell



CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO 3066
McCabe Avenue
York Rd - Midwood Ave
Erosion & Sediment Control Plan
Sta 12+50.0 - Sta 16+50.0
SCALE: HORIZ. 1" = 40' VERT. 1" = 4' DATE MAY 3, 1986
SHEET 8 OF 22

FILE REF.

REVISIONS		
NO.	DESCRIPTION	DATE BY

NOTE: CONTRACTORS ARE SHOWN ON THIS PLAN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR MUST VERIFY ALL SUCH DATA. CONTRACTOR: SEE CITY SYSTEMS, 1986

NOTE: CONTRACTORS ARE SHOWN ON THIS PLAN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR MUST VERIFY ALL SUCH DATA. CONTRACTOR: SEE CITY SYSTEMS, 1986

CONDUIT: For proposed conduit instructions & key see sheet 8 of 22

SEE SHEET 11 FOR WATER TAPES WATER ENGINEERING DIVISION

Drawn By: C. B. Smith
Checked By: J. H. Smith
Checked by: J. H. Smith

Beach Mark
X-317 --- Standard Marker "X" on the South side of Winston Ave at Midwood Ave intersection

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD - MIDWOOD AVE.
EROSION & SEDIMENT CONTROL PLAN
STA 2+500 - MIDWOOD AVE

SCALE HORIZ. (H.D.) VERT. (V.R.T.) 1" = 40' DATE MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 13 OF 22

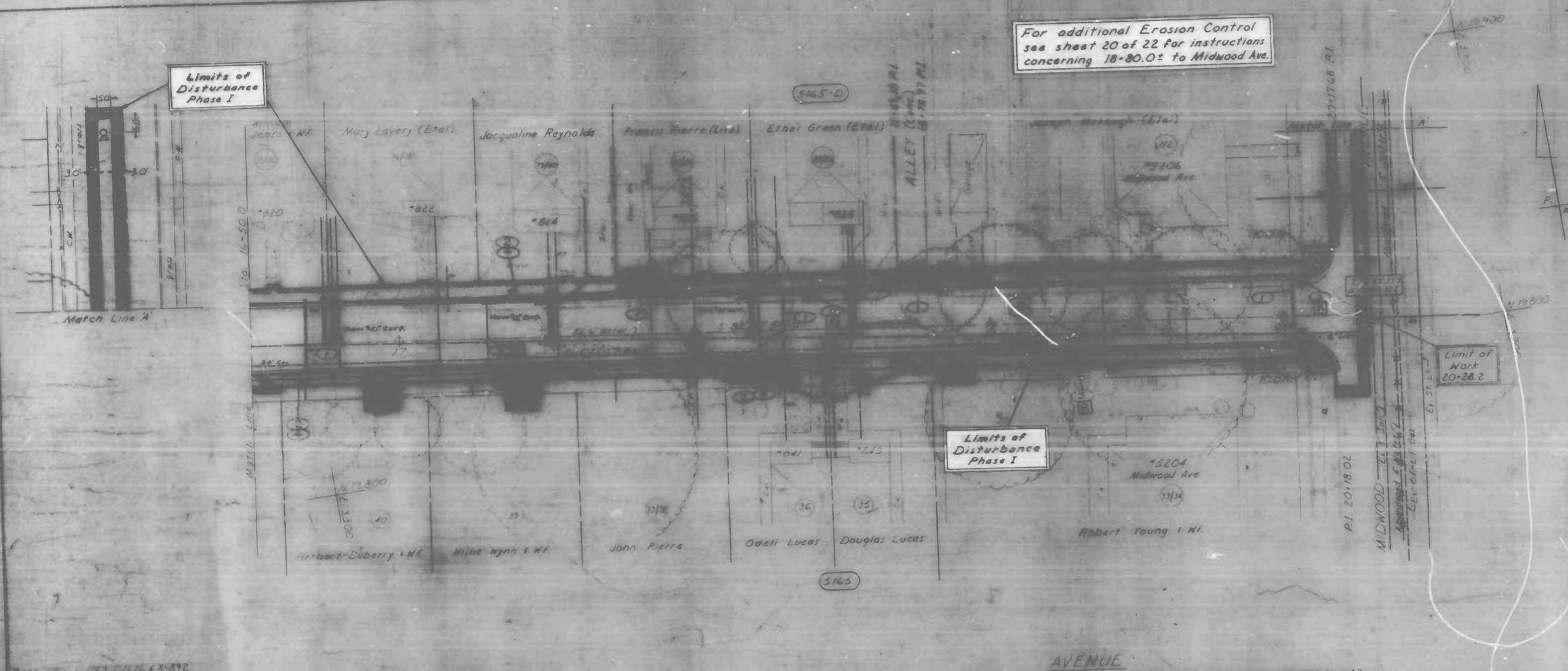
FILE REF.

For additional Erosion Control see sheet 20 of 22 for instructions concerning 18+80.0± to Midwood Ave.

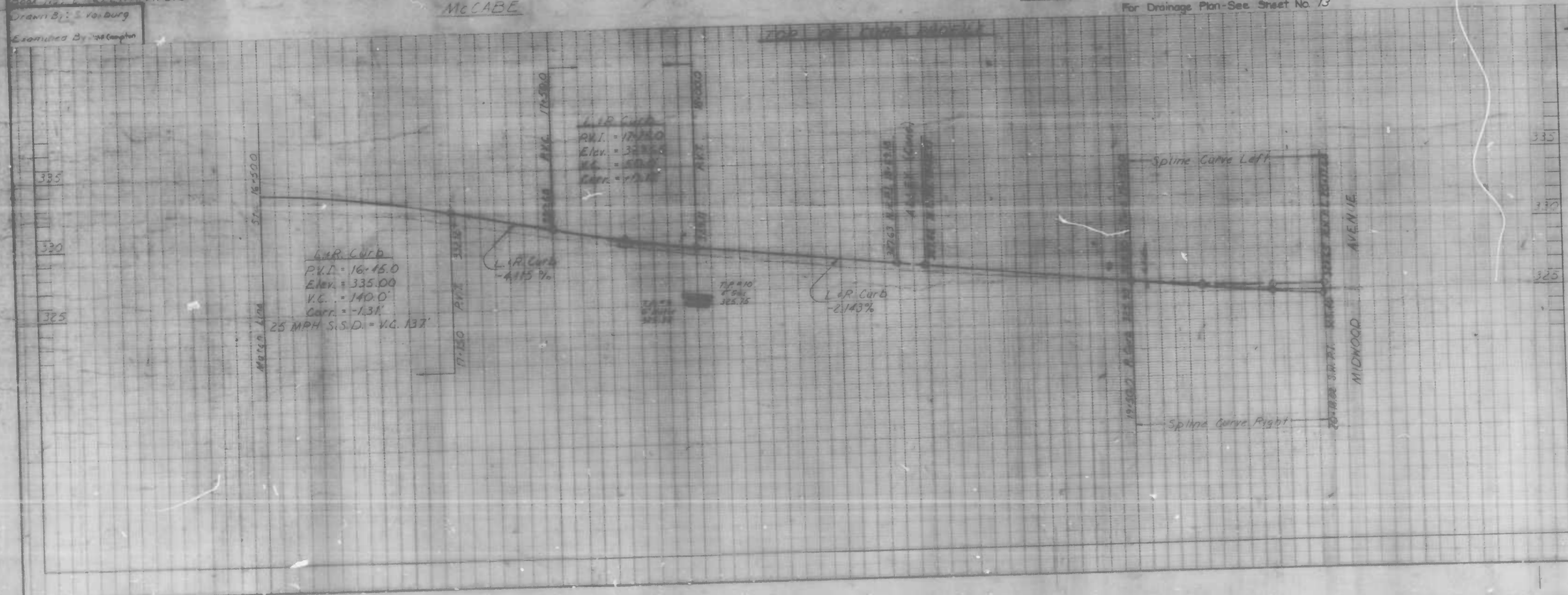
Limits of Disturbance Phase I

Limits of Disturbance Phase I

Limit of Work 20+28.2



Scale 1/4" = 10' (1/8" = 5')
Drawn By: S. V. V. V.
Examined By: J. H. Smith



FILE REF

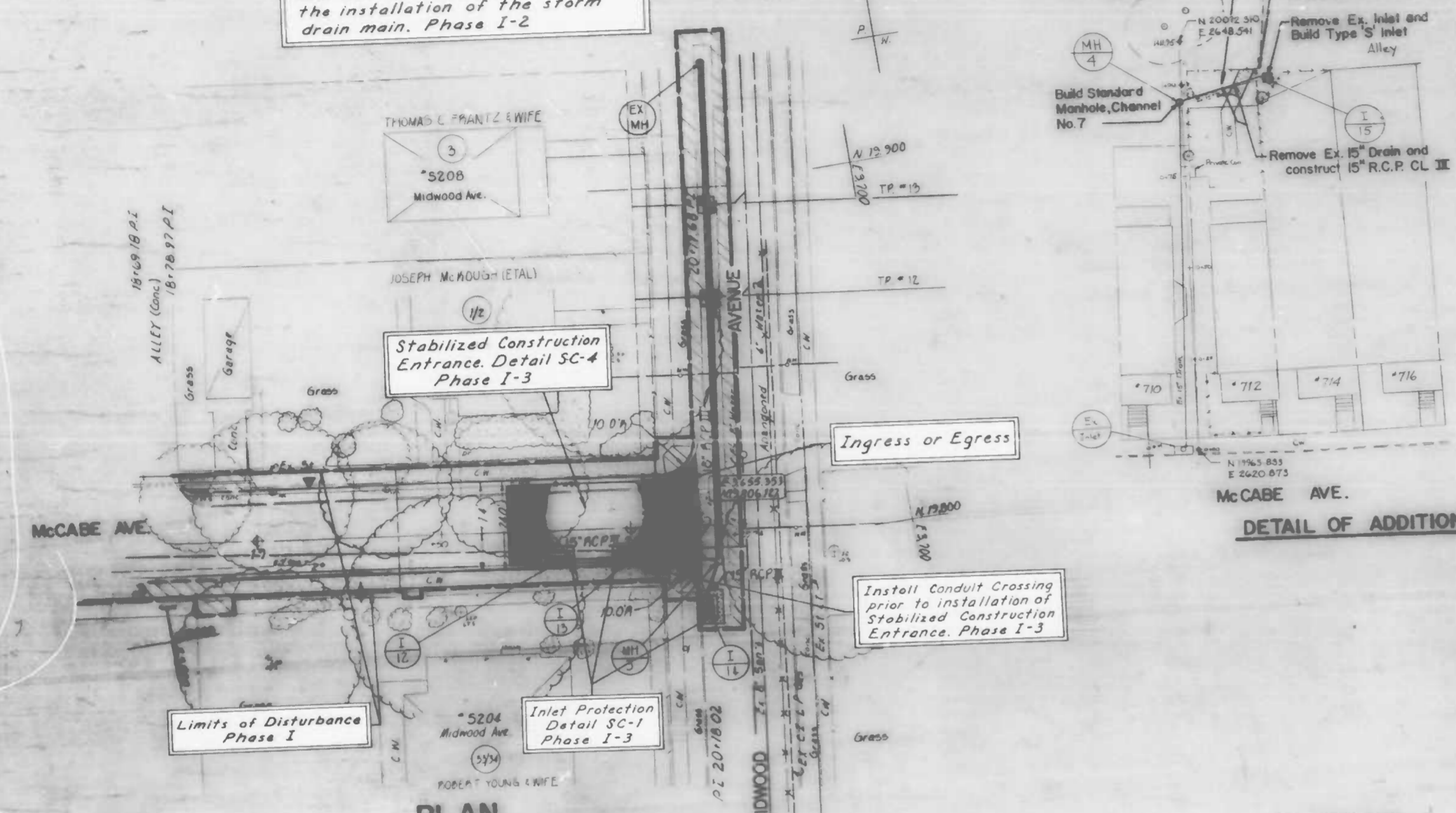
REVISIONS			
NO.	DESCRIPTION	DATE	BY

Install inlet protection Detail SC-1 around existing inlet on the southwest corner of Glenwood Ave. and Midwood Ave., prior to the installation of the storm drain main. Phase I-2

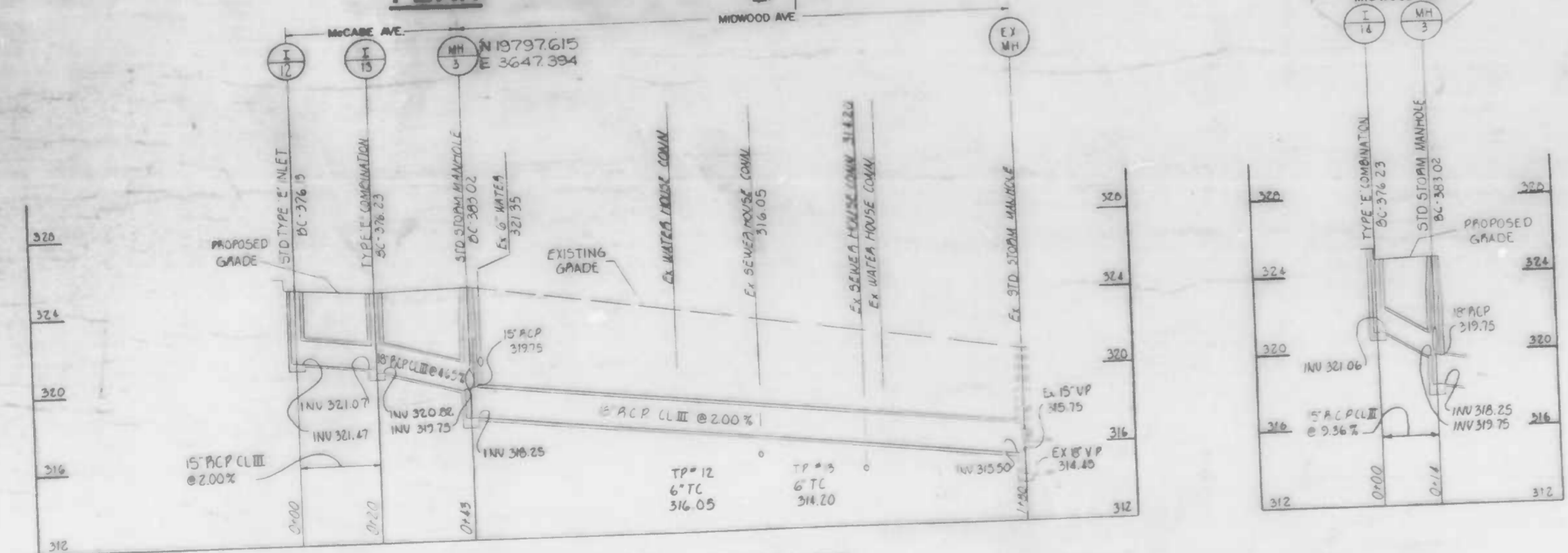
The concrete walk and surrounding area shall be replaced to its original state, upon completion of all storm water work. The cost of replacement shall be incidental to the drainage work performed in this area.

STRUCTURE SCHEDULE		
STRUCTURE	STATION	OFFSET
Type 5 Single Grate Inlet	1+01	23 Rt
Standard Storm Manhole	0+96	1 Lt

- NOTE FOR MANHOLE AND INLET IN ALLEY**
- Construct A Manhole Per B.C. 383.01 Over The Existing 15" Drain. The Invert Of The Manhole Will Be The Actual Depth Of The 15" Drain Leading From McCabe Avenue. The Top Elevation Is To Be Flush With Existing Ground.
 - Place 24" Of 15" Drain Pipe From The Proposed Manhole To The Proposed Type 5 Single Grate Inlet.
 - Remove The Existing Inlet From The Alley. And Construct In Its Place A Type 5 Single Grate Inlet Per B.C. 379.01. The Top Elevation Is To Be Flush With The Alley.
 - The Invert Of The New 15" Pipe In The Proposed Manhole Will Be The Same As The Existing Pipe Invert.
 - The Invert Of The Type 5 Single Grate Inlet Will Be Determined From The Proposed New Pipe Grade Leading From The Proposed Manhole And Not To Be Less Than 0.5%.
 - When Construction Is Complete The Property Must Be Restored To Its Original Condition.



DETAIL OF ADDITIONAL DRAINAGE IN ALLEY



PROFILES

SURVEY BOOK L1169, L1176 & L1182 RECORD PLAT 37.39 SS.
 B.M. 3003, X-317 ELEV. 365.60, 330.73 DRAINAGE DISTRICT H2-A
 RELEASED BY RIGHT OF WAY DIVISION

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066

MCCABE AVENUE
 YORK RD ~ MIDWOOD AVE
 EROSION & SEDIMENT CONTROL
 PLAN
 MIDWOOD AVE. & ALLEY

SCALE HORIZ 1"=200' VERT 1"=40' DATE MAY 3, 1986
 ENVIRONMENTAL SERVICES DIVISION SHEET 20 OF 2

DRAWN BY [Signature]
 EXAMINED BY S.E. [Signature]

FILE REF.

REVISION			
NO.	DESCRIPTION	DATE	BY

FILE REF.

STABILIZATION SPECIFICATIONS

TEMPORARY STABILIZATION - ARTICLE 36.12

Planting Season: Temporary seeding can be done anytime of the year except when the ground is frozen. This item shall consist of furnishing and placing all fertilizer, temporary seed and mulch on areas disturbed for more than fourteen (14) days.

Schedule of Procedure: The contractor shall provide temporary stabilization as specified in the approved sediment control plan.

Seedbed Preparation: When the area to be seeded is pocked and hard, the top layer of topsoil shall be loosened by raking or other means before seed is applied.

Lime: No lime shall be required for temporary seeding.

Fertilizer: Commercial fertilizer of an analysis 5-10-5 applied at a rate of 35 pounds per 1000 square feet.

Seeding: (Section 20.28-1) Seed mixture, Annual Ryegrass applied at the rate of 3 pounds per 1000 square feet.

Mulching: Applied at the rate of 100 pounds per 1000 square feet. Mulch anchoring - asphalt mix at the rate of 10 gallons per 1000 square feet. The mulch shall be applied by blowing and the asphalt binder material shall be sprayed into the mulch.

PERMANENT STABILIZATION - ARTICLE 36.06

Planting Season: No sod shall be placed between the dates of June 1 and August 15 inclusive nor at anytime when the temperature is below thirty-two (32) degrees Fahrenheit. No frozen sod shall be used and no sod shall be placed upon frozen soil.

Seedbed Preparation: Before placing or depositing sod upon any surfaces, all shaping and dressing of such surfaces shall have been completed. The completed area to be sodded shall present a smooth, uniform, well-filled surface true to line and cross section and any raking required to accomplish this will be done prior to the placing of the sod.

Fertilizer: All areas to be sodded shall be fertilized with a commercial fertilizer of an analysis 10-10-10 and Ureaform fertilizer 138-0-0 applied at the rate of 20 and 5 pounds respectively per 1000 square feet.

NOTE: After sod is in place, topdress the sod with Ureaform fertilizer 38-0-0 at the rate of 5 pounds per 1000 sq. ft. Lime (Lime) at the rate of 100 pounds of ground limestone per 1000 square feet. The lime and the 10-10-10 and 38-0-0 fertilizers shall be worked into the top two (2) inches of soil prior to placing sod.

Seedmixture Grass Sod: (Section 20.28-3)

TYPE A - Bluegrass Sod
 not less than 60% Kentucky Bluegrass
 not more than 35% Creeping Red Fescue
 not more than 10% other grasses and legumes

TYPE B - Tall Fescue Sod
 not less than 80% Tall Fescue
 not more than 20% other grasses and legumes

NOTE:
 STAGING AREAS OR STOCKPILING OF MATERIAL WILL NOT BE PERMITTED ON THIS PROJECT.

BALTIMORE CITY SEDIMENT CONTROL

Title 8, Subtitle 11, Natural Resources, Annotated Code of Maryland and Baltimore City Ordinance 1012, require that provisions to control erosion and sediment shall be included for all City land disturbance. As required by State Law, construction cannot be started until such erosion and sediment control provisions are approved.

The Contractor must filter all run-off and control all sediment within the project. All work must comply with all requirements of the "Baltimore City Erosion and Sediment Control Manual" and the "1983 Maryland Standards and Specifications For Soil Erosion And Sediment Control", as distributed and modified by the Baltimore City Sediment Control Section.

Nothing herein relieves the Contractor from complying with any and all other Federal, State or Municipal Regulations.

EROSION AND SEDIMENT CONTROL NOTE

- All utilities to be constructed first, prior to any construction on the site.
- No pumping from foundation excavations will be allowed directly into City system unless it is filtered by way of Sediment Traps or Filter.
- All excavation material shall be placed on the high side whenever possible and confined to an area where it will not obstruct the normal flow of drainage courses.
- Continuous inspection and maintenance of all Sediment Control devices will be required.

INSTRUCTIONS

- For land disturbing activities it is understood that the following conditions will be met:
- A. Grading**
- All disturbed areas shall be protected to control erosion and to prevent sedimentation of adjacent properties, storm sewers and/or streams.
 - Sediment control devices, such as diversion berms, sediment traps, silt fences, vegetative stabilization, etc., shall be used to prevent off-site sedimentation at all times, at every location throughout the site where natural or existing conditions would cause sediment to normally wash off the site.
 - No proposed cut or fill will exceed three feet in depth (cut) or height (fill) without erosion and sediment controls. Exclusive of excavation for foundations.
 - No fill will be placed on any existing slope steeper than 5:1 without erosion and sediment controls.
 - There will be no final graded slope steeper than 2:1.
 - Borrow and/or spoil material shall not be stockpiled within the limits of this project.
 - All fills will be free of any organic or other deleterious materials and will be compacted. All areas to receive fill will have the ground surface prepared by removing all existing vegetation and root mat.
 - The proposed grading will not impair existing surface drainage, constitute a potential erosion hazard, or source of sedimentation to any adjacent property, drainage way or right-of-way.
 - All points of ingress and egress shall be protected to prevent tracking of mud onto public ways.
- B. Stabilization**
- As soon as final grading is completed, all disturbed areas will be stabilized with temporary or permanent mulch, including stone, blacktop, conc. surfacing, etc.
 - For vegetating areas steeper than three horizontal units to one vertical unit, adequate mulch, fertilizer and type of seed will be placed to ensure a vigorous ground cover and such application will be repeated, if necessary, until such growth is established.
 - Timing - Following initial solid disturbances or redistribution, permanent or temporary stabilization shall be completed within:
 - Seven calendar days for the surface of all perimeter dikes, swales, ditches, perimeter slopes, and all slopes greater than three horizontal to one vertical (3:1) and,
 - Twenty-four (24) hours for disturbed areas such as base repairs, alley returns, curb repairs, bus pads, pedestrian ramps, sidewalks and backfilled utility trenches. Stabilization shall consist of a minimum of 4 inch Graded Aggregate Sub-base and,
 - Fourteen calendar days for all other disturbed or graded areas.
 - For details regarding temporary and permanent stabilization practices, reference the "1983 Maryland Standards and Specifications For Soil Erosion And Sediment Control", or contact the Baltimore City Sediment Control Representative.
 - Sediment control devices are to be removed only after all disturbed areas have been stabilized.

CONDITIONS

- The Contractor will submit written notification to the Baltimore City Sediment Control Representative of least three working days before starting any grading activities, stating the following:
- The day he intends to start work
 - The source of all borrow material
 - The designated stockpile area
 - The Contractor's staging area
 - The disposal site for all excess material
 - The construction sequence
 - The completion day of the work

AREA	ACTIVE	INACTIVE	TYPE OF STABILIZATION	SEQUENCE	
				PHASE I	PHASE II
PROPOSED	X		CRUSHER RUN AGG. (CR-6)(Subbase) - Temporary	"4	"9
	X		BINDER AND SURFACE COURSE - Permanent	"5	"10 & 11
	X		NONE	"4	"9
STABILIZED		X	SURFACE COURSE - Permanent	"4	"11
		X	ANNUAL RYEGRASS - Temporary	"4	"9
		X	CEMENT CONCRETE - Permanent	"5	"10
		X	ANNUAL RYEGRASS - Temporary	"4	"9
		X	SOD - KENTUCKY BLUEGRASS - Permanent	"4	"11
		X	ANNUAL RYEGRASS - Temporary	"4	"9
		X	SOD - KENTUCKY BLUEGRASS - Permanent	"4	"11
	X		CRUSHER RUN AGG. (CR-6)(Subbase) - Temporary	"4	"9
	X		CEMENT CONCRETE - Permanent	"10	"10
	X		CRUSHER RUN AGG. (CR-6)(Subbase) - Temporary	"4	"9
	X		BINDER COURSE - Permanent	"10	"10
	X		ANNUAL RYEGRASS - Temporary	"4	"9
	X		SOD - KENTUCKY BLUEGRASS - Permanent	"4	"11

DISTURBED AREA 83,188.80 S.F.
 CUT 2,719.96 C.Y.
 FILL 0.00 C.Y.
 BALANCE CUT/FILL 2,719.96 C.Y.

NOTE: QUANTITIES LISTED HEREIN ARE TO BE USED ONLY TO ASSIST IN DEVELOPING THE SOIL EROSION / SEDIMENT CONTROL PLANS. THERE IS NO GUARANTEE THAT THESE QUANTITIES ARE COMPLETE AND THE CONTRACTOR SHOULD NOT RELY ON THE ACCURACY OF THESE FIGURES IN PREPARING AND SUBMITTING A BID.

Owners/Developers Certification

I/We hereby certify that any clearing, grading, construction and/or development will be done pursuant to this plan and that all responsible personnel involved in this construction project will have a certification of attendance at a Department of Natural Resources approved training program for the control of sediment and erosion before beginning the project.

James A. Zito
 Signature Owner/Developer
 204 Municipal Bldg.
 Address

JAMES A. ZITO 5-13-86
 Print Name Date
 396-4600
 Phone

Engineer's Certification

I certify that this plan for Erosion and Sediment Control represents a practical, workable plan based on personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Baltimore City Erosion and Sediment Control Section.

Robert F. Guston
 Signature
 309 Municipal Bldg.
 Address

ROBERT F. GUSTON
 Print Name
 396-4707
 Phone

APPROVED BY: *Frederick Ware*
 EROSION & SEDIMENT CONTROL REPRESENTATIVE

Department of Public Works, Bureau of Highways
 Environmental Services Division, Erosion and Sediment Control Section
 309 Municipal Building, Baltimore, MD 21202
 Phone - (301) 396-3693

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066

McCABE AVENUE
 YORK RD. - MIDWOOD AVE.

SOIL EROSION / SEDIMENT CONTROL NOTES

SCALE NONE DATE SEPT. 27, 1985
 HIGHWAY ENGINEERING DIVISION SHEET 22 OF 22

FILE REF.

Drawn by: J. Vashburg
 Examined by:

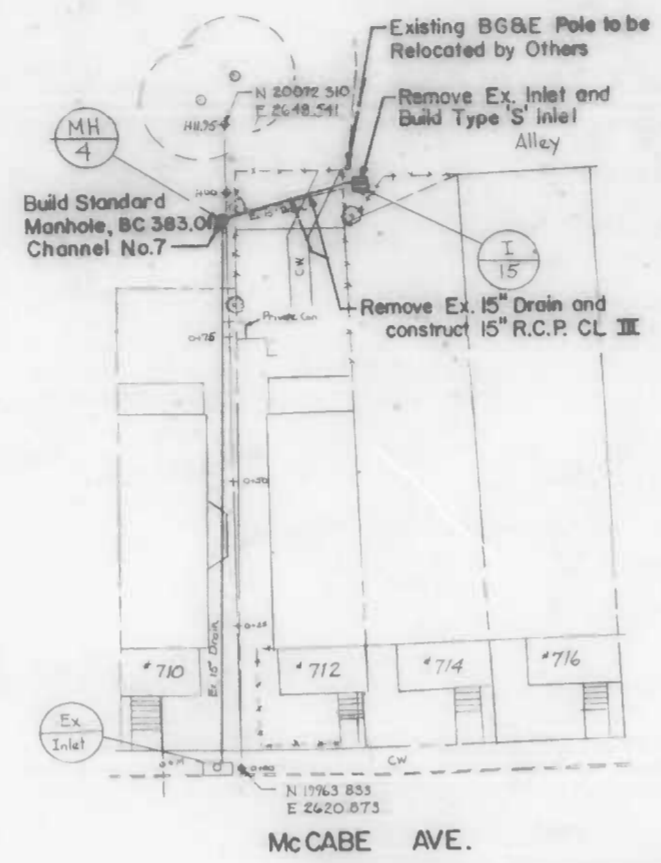
FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY

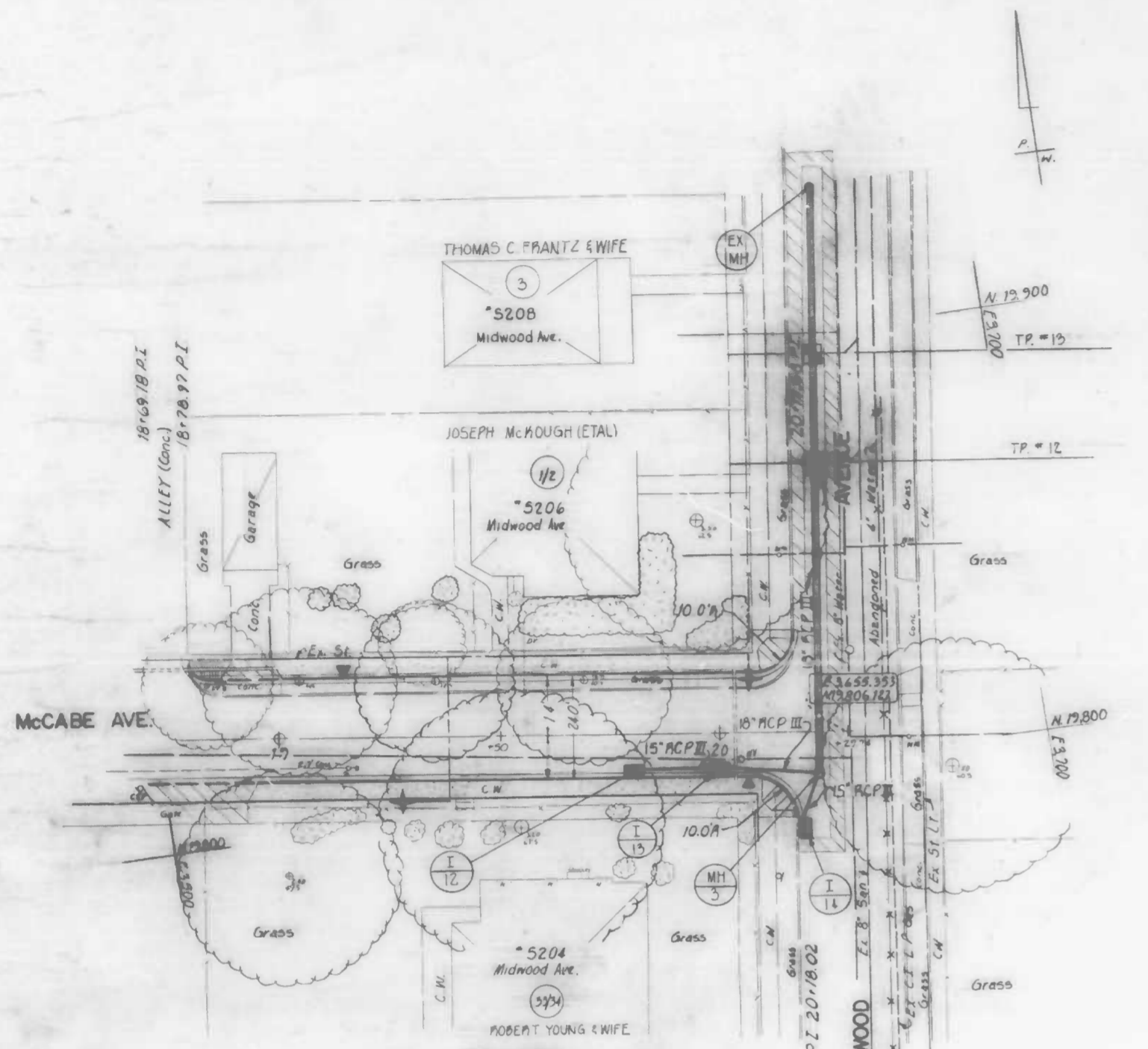
STRUCTURE SCHEDULE		
STRUCTURE	STATION	QFFSCT
Type "S" Single Grate Inlet	1+01	23 Rt
Standard Storm Manhole	0+96	1 Lt

NOTES FOR MANHOLE AND INLET IN ALLEY

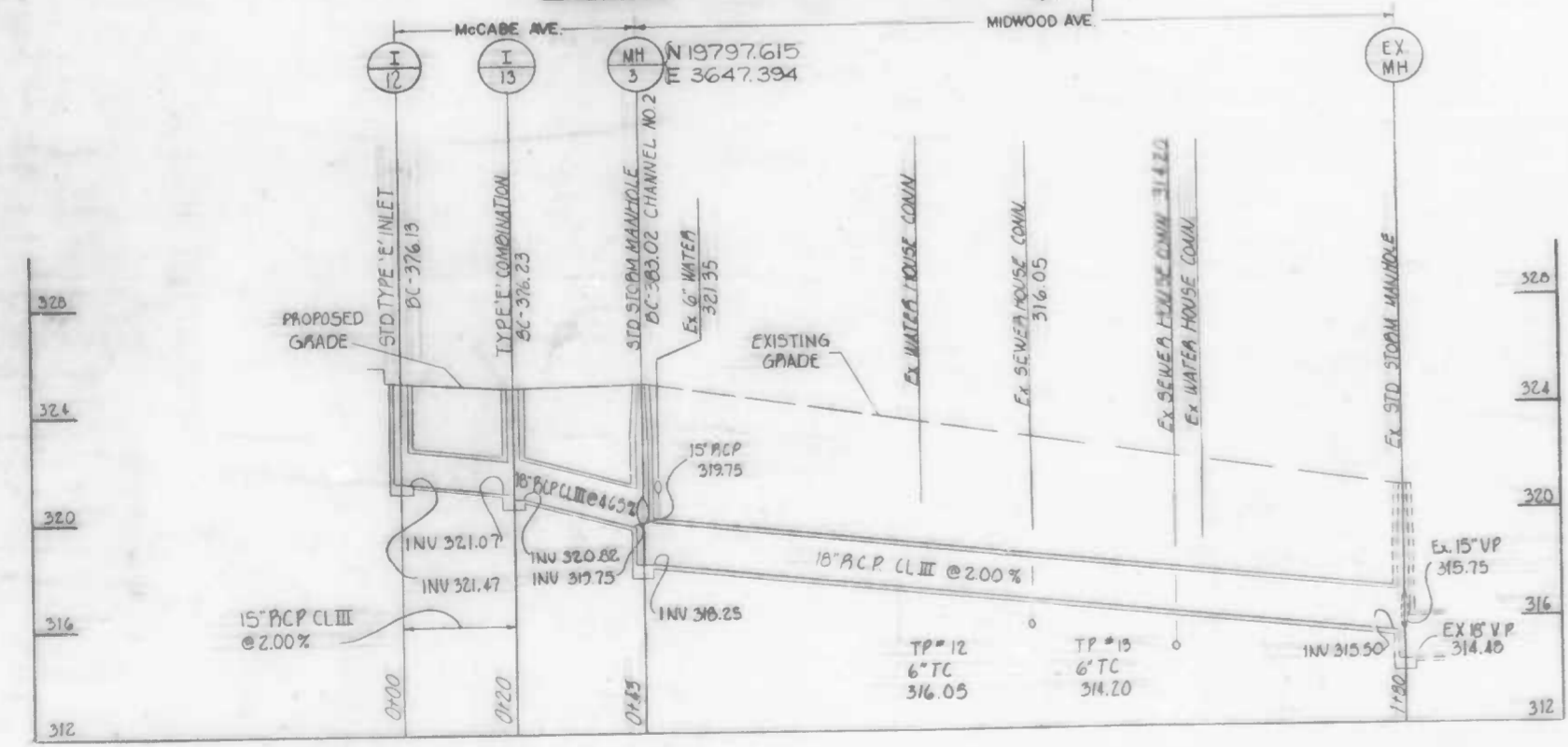
1. Construct A Manhole Per B.C. 383.01 Over The Existing 15" Drain. The Invert Of The Manhole Will Be The Actual Depth Of The 15" Drain Leading From McCabe Avenue. The Top Elevation Is To Be Flush With Existing Ground.
2. Place 24' Of 15" Drain Pipe From The Proposed Manhole To The Proposed Type "S" Single Grate Inlet.
3. Remove The Existing Inlet From The Alley And Construct In Its Place A Type "S" Single Grate Inlet Per B.C. 379.01. The Top Elevation Is To Be Flush With The Alley.
4. The Invert Of The New 15" Pipe In The Proposed Manhole Will Be The Same As The Existing Pipe Invert.
5. The Invert Of The Type "S" Single Grate Inlet Will Be Determined From The Proposed New Pipe Grade Leading From The Proposed Manhole And Not To Be Less Than 0.5%.
6. When Construction Is Complete, The Property Must Be Restored To Its Original Condition.



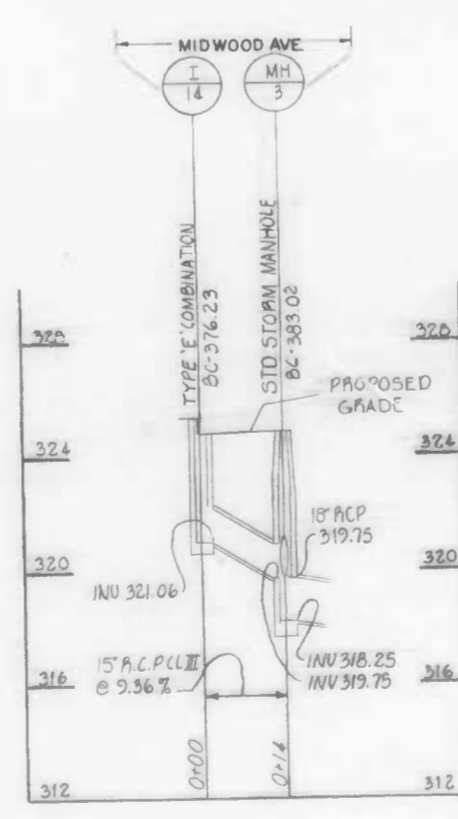
DETAIL OF ADDITIONAL DRAINAGE IN ALLEY



PLAN



PROFILES



SURVEY BOOK L1169, L1176 & 2-232, RECORD PLAT 37.39 SS.
B.M. 3003, X-317 ELEV. 365.60, 330.73, DRAINAGE DISTRICT H2-A

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD ~ MIDWOOD AVE
STORM DRAIN PLAN AND PROFILES

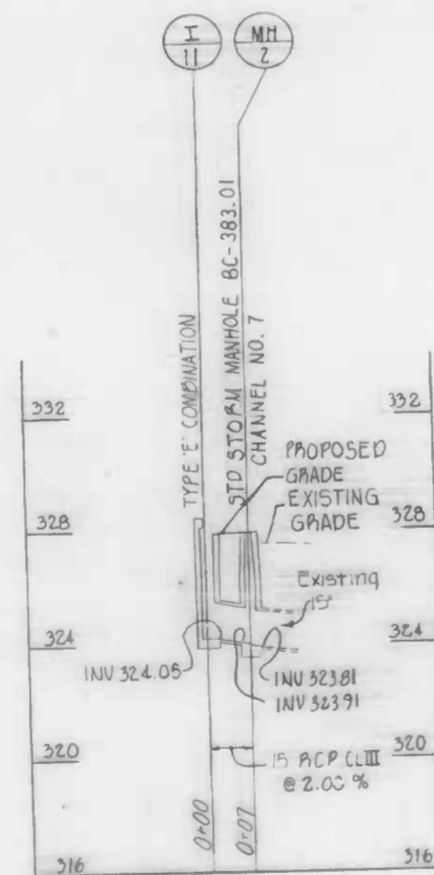
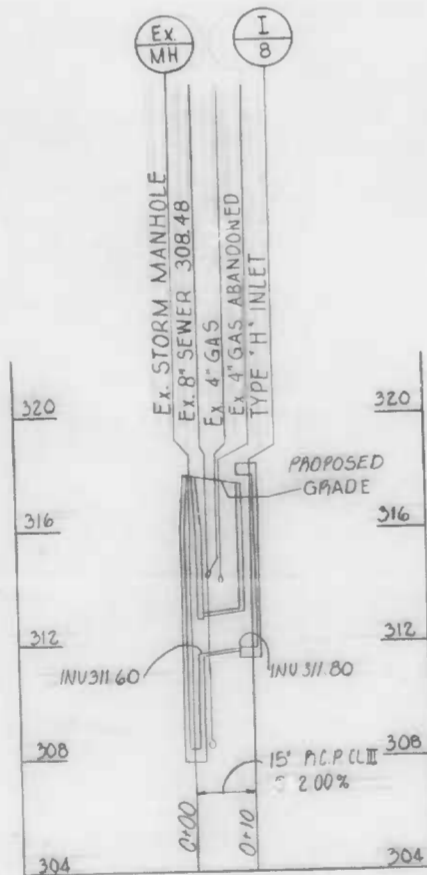
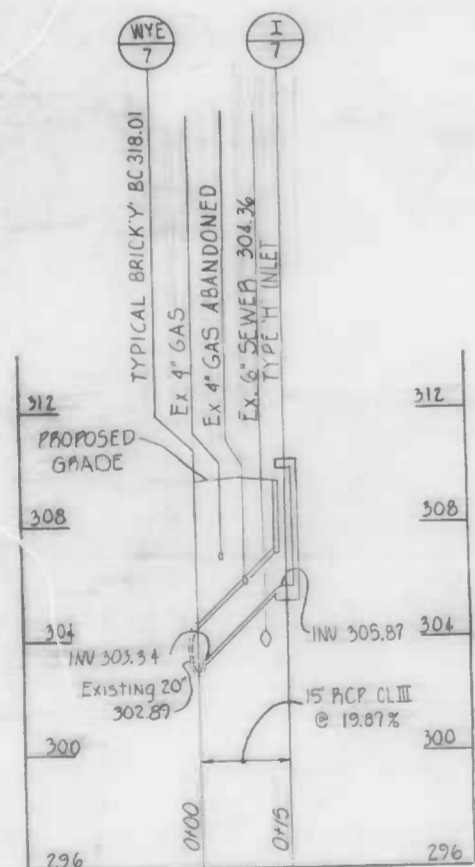
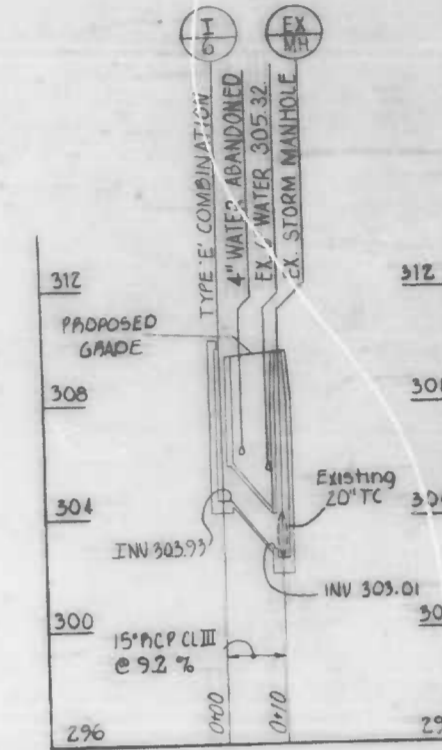
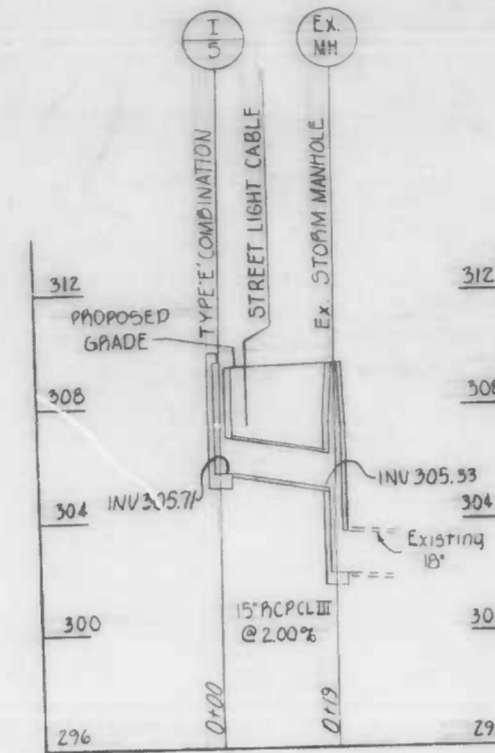
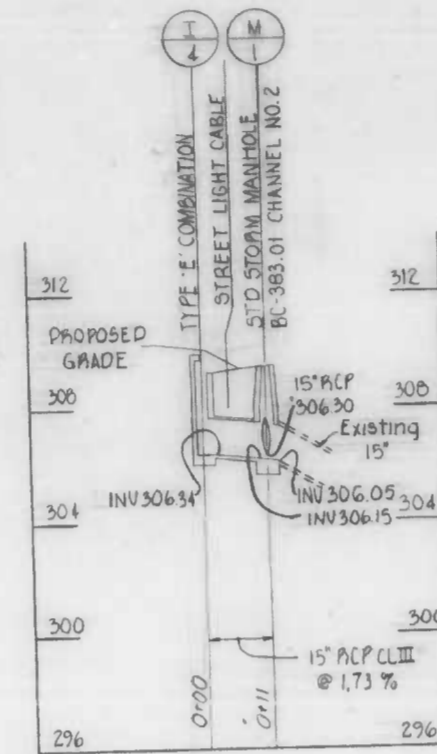
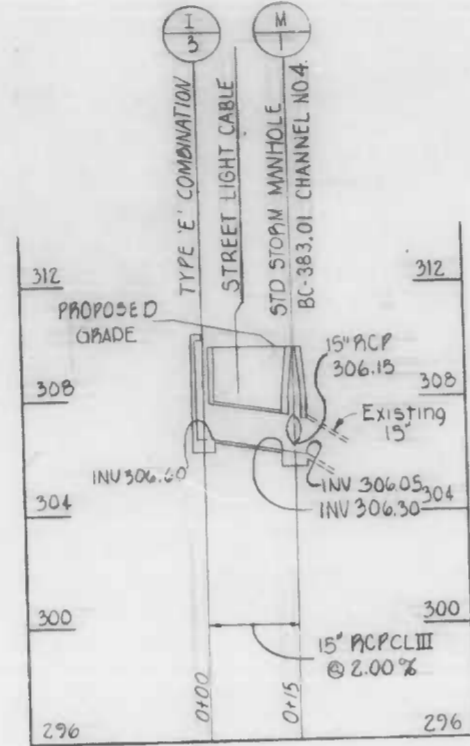
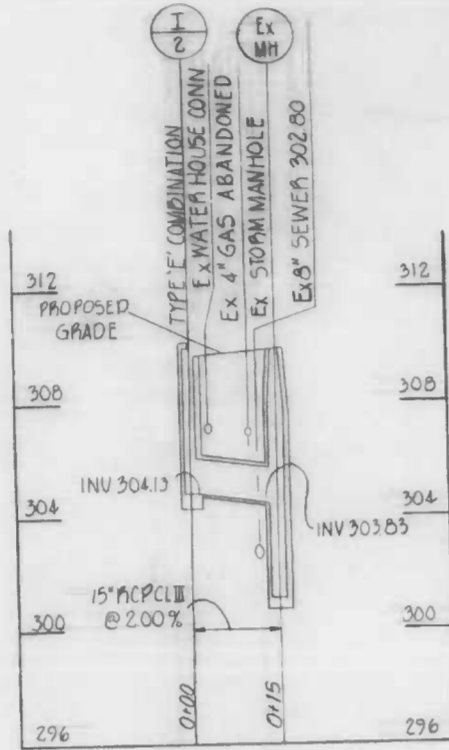
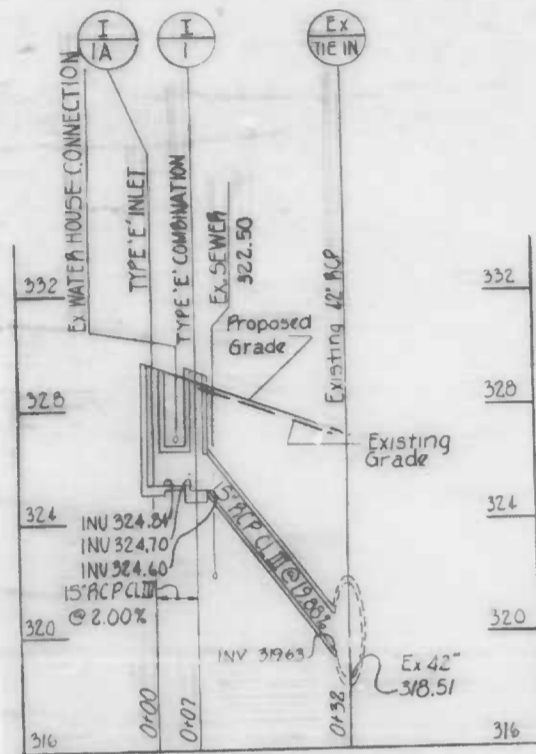
SCALE: HORIZ 1"=200' VERT 1"=40' DATE: MAY 9, 1986
ENVIRONMENTAL SERVICES DIVISION | SHEET 13 OF 22

Book Nos.: L-1169, L-1176 & X-892
DRAWN BY: [Signature]
EXAMINED BY: S.E. Halpin

FILE REF.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY



INLET SCHEDULE				
NO	STATION	OFFSET	TYPE	INVERT
1	4+80	14' AT	E COMBINATION BC-376.23	324.60
1A	4+73	14' AT	E INLET BC-376.13	324.84
2	8+30	14' AT	E COMBINATION BC-376.23	304.15
3	8+22.30	10' LT	E COMBINATION BC-376.23	306.60
4	8+35.11	22.73 LT	E COMBINATION BC-376.23	306.54
5	8+99.27	22.73 LT	STD E COMBINATION BC-376.23	305.71
6	8+68.02	10' LT	E COMBINATION BC-376.23	303.93
7	8+85	14' AT	H INLET BC-376.53	305.07
8	11+55	11' AT	H INLET BC-376.53	311.80
9	12+00.14	14' LT	E COMBINATION BC-376.23	314.77
11	14+56	14' LT	E COMBINATION BC-376.23	324.05
12	19+80	10' AT	E INLET BC-376.13	321.47
15	20+00	10' AT	E COMBINATION BC-376.23	320.82
14	20+10.02	22.73 AT	STD E COMBINATION BC-376.23	321.06
15	See Structure Schedule Sheet 13 Of 21			

NOTES
 Standard Type No. 1 "E" Frame and Grates (B.C. 376.01) shall be used for all New "E" inlets.
 All inlets are to be depressed 2-1/2".
BEFORE DOING ANY DIGGING NOTIFY THE FOLLOWING:
 (Miss Utility) 1-800-257-7777
 Bureau of Highways, Street Lighting Section 396-1811;
 Conduit Section 396-3658.

All channels in manholes must be constructed to conform as close as possible to the standard channel called for on the profiles. Gravel Credits is required under all pipe/wastewater inlet connections. All backfill shall be mechanically tamped. For standard details see Baltimore City Book of Standards.
 Obstructions shown on these drawings are for the convenience of the contractor only, and the City does not warrant or guarantee the correctness or the completeness of the information given. The contractor must verify all such information to his own satisfaction.

TYPE OF JOINT FOR PIPE		
TYPE PIPE	PIPE JOINT	TYPE JOINT
Reinforced Concrete Pipe Drain	Ring Rubber Gasket	"O" Ring Rubber Gasket
Reinforced Concrete Pipe Inlet Conn.	Cement Mortar or "O" Ring Rubber Gasket	Ring Rubber Gasket

SURVEY BOOK 1169, 1176 & 1177 RECORD PLAT 37.39 SS
 BM 3003, X-317 ELEV 385.60, 350.73 DRAINAGE DISTRICT H2-A

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONT NO 3066

MCCABE AVENUE
 YORK RD. ~ MIDWOOD AVE.
 STORM DRAIN PROFILES

SCALE Hor 1"=20', Ver 1"=4' DATE MAY 9, 1986
 ENVIRONMENTAL SERVICES DIVISION SHEET 14 OF 22

FILE REF.

Book Nos.: L-1163, L-1176 & X-892

DRAWN BY G. KINIG
 EXAMINED BY S.E. Halpern

REDFIELD & ASSOCIATES

REVISIONS		DATE	BY
NO.	DESCRIPTION		
1	CHANGE CREATION OF ROAD LINE		

NOTE: CONSTRUCTION ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY AND THE CITY DOES NOT WARRANT OR GUARANTEE THE ACCURACY OR THE COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

NOTE: Baltimore Gas & Electric Co. C & P Telephone Co Contact "Miss Utility" at 1-800-257-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

CONDUIT: For proposed conduit instructions & key see sheet 8 of 22

SEE SHEET 11 FOR WATER NOTES

WATER ENGINEERING DIVISION

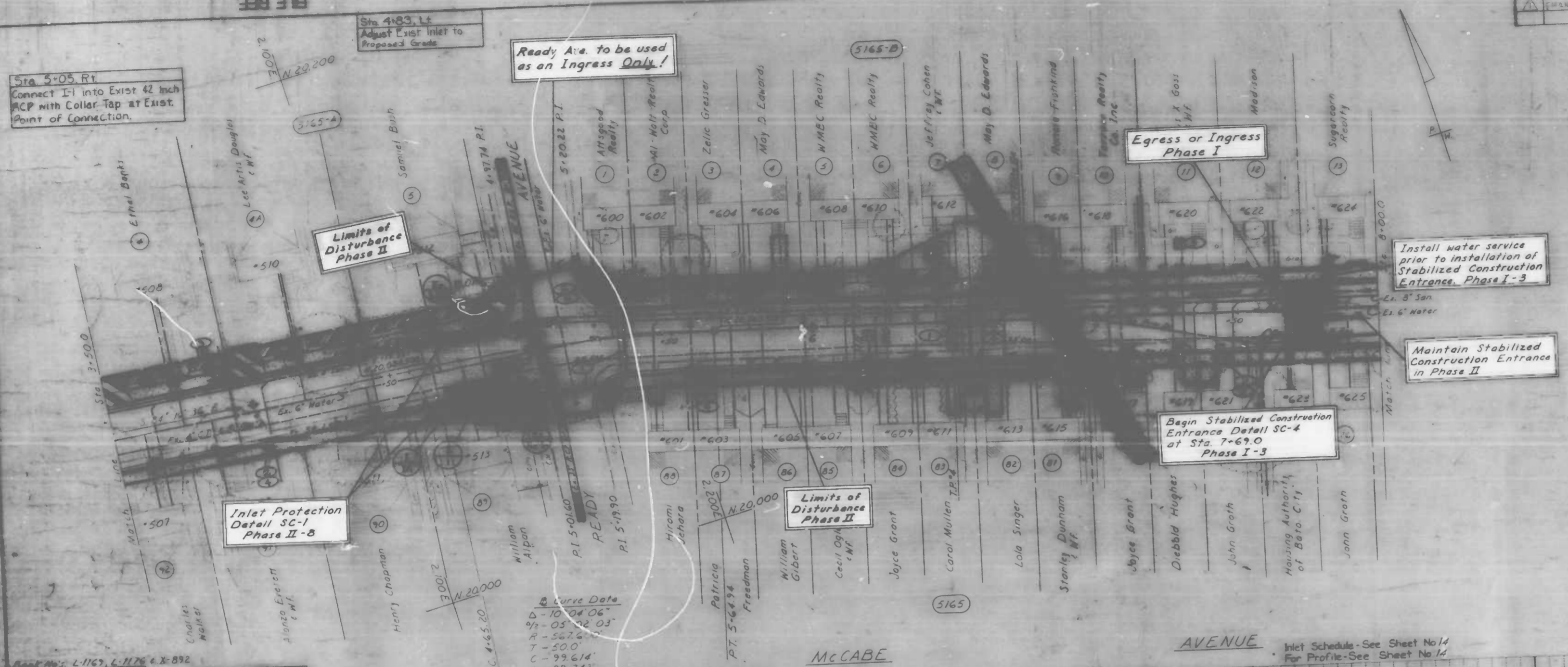
Drawn By: *[Signature]*
 Checked By: *[Signature]*
 Chief Water Eng. Sect. *[Signature]*

CITY OF BALTIMORE
 DEPARTMENT OF PUBLIC WORKS
 BUREAU OF HIGHWAYS
 CONTRACT NO. 3066

MCCABE AVENUE
 YORK RD - MIDWOOD AVE
 EROSION & SEDIMENT CONTROL PLAN
 STA 3+300 - STA 8+000

SCALE: HORIZ. 1"=200' VERT. 1"=40' DATE: MAY 9, 1986
 HIGHWAY ENGINEERING DIVISION SHEET 16 OF 22

FILE REF.



Sta 5+05.81
 Connect I-1 into Exist 42 inch ACP with Collar Tap at Exist Point of Connection.

Sta 4+83.14
 Adjust Exist Inlet to Proposed Grade

Ready A/c to be used as an Ingress Only!

Limits of Disturbance Phase II

Inlet Protection Detail SC-1 Phase II-B

Egress or Ingress Phase I

Install water service prior to installation of Stabilized Construction Entrance Phase I-3

Maintain Stabilized Construction Entrance in Phase II

Begin Stabilized Construction Entrance Detail SC-4 at Sta. 7+69.0 Phase I-3

Limits of Disturbance Phase II

Drawn By: S. Vozburg
 Examined By: J. Hampton

Remove Exist Inlets
 Remove Exist 15" Pipe

Curve Data
 PVI = 4+87.50
 L = 75.0
 Corr = -0.19

Inlet Schedule - See Sheet No. 14
 For Profile - See Sheet No. 14

FILE REF.

REVISIONS		
NO.	DESCRIPTION	DATE

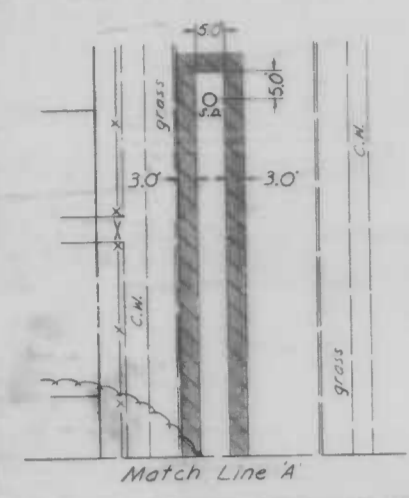
NOTE
See sheet 3 of 22 for Construction Notes.

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS DRAWING FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. AND THE CITY DOES NOT WARRANT OR GUARANTEE THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION GIVEN. THE CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

TREES TO BE REMOVED			
STATION	OFFSET	TRUNK	SPREAD
17+01.97	12.40' L.	1.7'	34.0'
18+11.72	13.66' L.	4.0'	43.0'
18+84.13	12.67' L.	1.8'	29.0'
19+04.88	13.26' L.	2.0'	44.0'
19+35.33	13.07' L.	2.0'	34.0'
19+69.39	12.94' L.	1.8'	40.0'

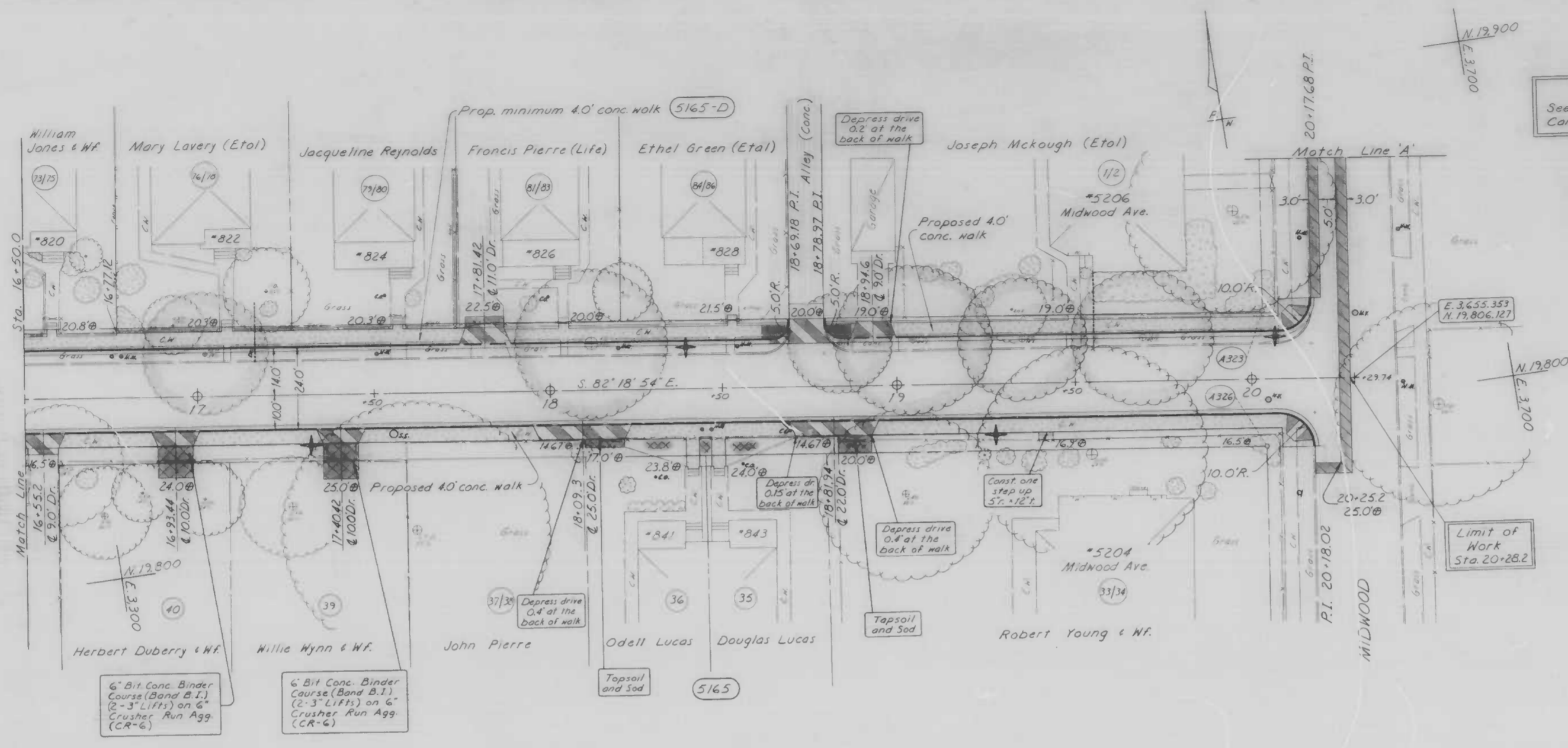
RIGHT OF WAY COORDINATES			
POINT	EAST	NORTH	STATION OFFSET
A323	3,631.89	19,829.60	20+03.35
A326	3,627.17	19,789.87	20+03.98

- ▲ Standard pedestrian ramp - Type 1
B.C. 655.20
- Typical pedestrian ramp section at alleys
Type 5 - B.C. 655.24
- Existing roof drain (See Construction Note)



Proposed Storm Drainage Notes

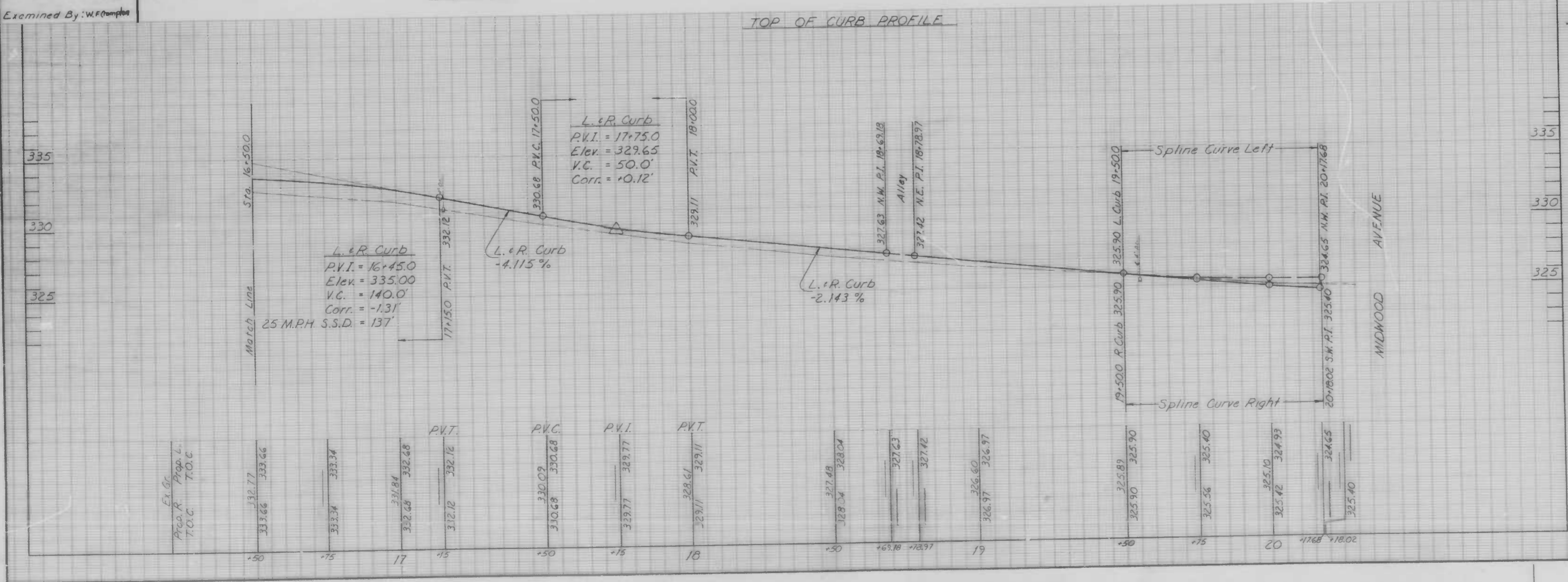
- 1 See sheet 13 of 21 for utility portion of proposed work.
- 2 The permanent trench repair shall be done in accordance with B.C. Standard no. 576.20 (city specifications), and in such a manner so as to avoid disturbing the existing curb, and/or any area than is necessary.



Book No. L-1163 L-1176 & L-892
Drawn By: S. Vosburg
Examined By: W. Thompson

MCCABE

AVENUE



Bench Mark
X-317 Standard Marker #2 on the South side of Winston Ave. at Midwood Ave. in parking - 330.734

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD. ~ MIDWOOD AVE.
PLAN & PROFILE
STA. 16+50.0 ~ MIDWOOD AVE.

SCALE: HORIZ. 1"=20.0', VERT. 1"=4.0' DATE: MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 7 OF 22

FILE REF.

FILE REF

REVISIONS		
NO.	DESCRIPTION	DATE
1	REVISE NOTE & CHANGE LOCATION OF TWO LIGHTS	7/21/86 JMB

NOTE: OBSTRUCTIONS ARE SHOWN ON THIS SHEET FOR THE CONVENIENCE OF THE CONTRACTOR ONLY, AND THE CITY DOES NOT GUARANTEE THE CORRECTNESS OR THE ACCURACY OF THE INFORMATION SHOWN. CONTRACTOR MUST VERIFY ALL SUCH INFORMATION TO HIS OWN SATISFACTION.

CONDUIT NOTES

- INSTALL 1-3" PVC DUCT DEAD-ENDING 2' BEYOND CURB AND/OR DRIVEWAY AT LOCATION SHOWN.
- INSTALL NEW POLE BASE AT LOCATION AS SHOWN IN CHART. (BY OTHERS)
- REMOVE EXISTING POLE BASE AT LOCATION SHOWN. (BY OTHERS)
- ALL POLE BASES ARE TO BE INSTALLED SUCH THAT THE BACK EDGE OF THE BASE IS 4'-8" BEHIND FACE OF NEW CURB.
- INSTALL NEW HAND BOX PER B.C. 804.01 AT STA 4+90, 16' RT.
- INSTALL 1-3" DUCT FROM NEW HAND BOX TO NEW WOOD POLE. TURN UP PER B.C. 824.05.

NOTE: Baltimore Gas & Electric Co. C & P Telephone Co. Contact "Miss Utility" at 1-800-257-7777 at least 3 working days prior to starting work so that they can arrange to mark the location of their facilities.

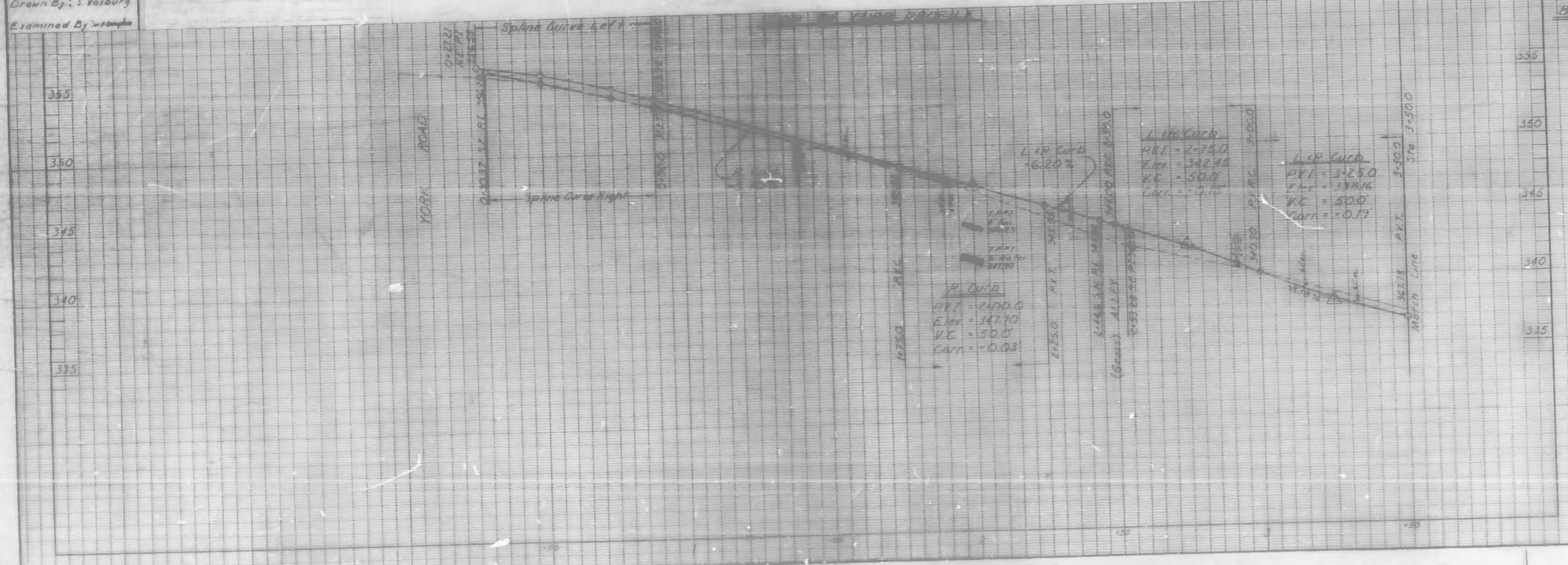
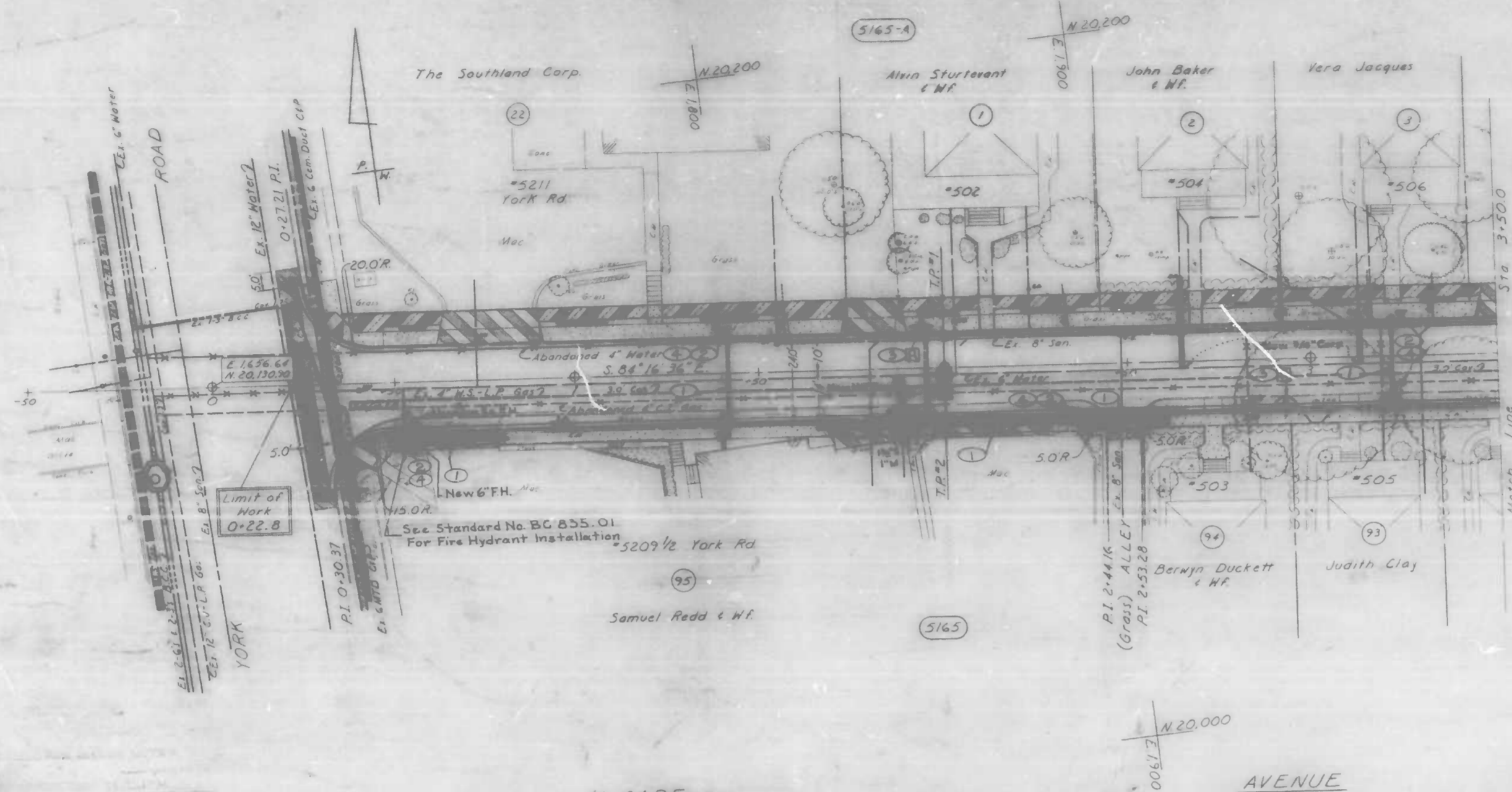
KEY

- PROPOSED HAND BOX
- ▲ PROPOSED LIGHT
- PROPOSED CONDUIT
- POLES TO BE REMOVED BY OTHERS
- ST. L.I. CABLE TO BE INST BY OTHERS
- SEE SHEET 11 FOR WATER NOTES
- WATER ENGINEERING DIVISION

Drawn By: Cr. Curtis
Checked By: Wm. Walter
Chief, Water Eng. Sect.

Street	Lights	Offset
0+49	right	
1+40	left	
2+34	right	
3+25	left	
4+02	right	
4+85	right	
5+21	left	
5+59	right	
6+55	left	
7+46	right	
8+24	left	
8+95	right	
9+85	left	
10+72	right	
11+46	right	
12+43	left	
13+36	right	
14+04	left	
14+92	right	
15+91	left	
6+66	right	
77+36	left	
18+26	right	
19+15	left	
20+01	right	

Book Nos. L-1169, L-1176 & X-892
Drawn By: J. Vosburg
Examined By: [Signature]



Bench Mark 3003
Box Cut NE corner of Baltimore State of entrance to Govan M.E. Church on the NW corner of York Rd. McCabe Avenue

CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO 3066

MCCABE AVENUE
YORK RD ~ MIDWOOD AVE.
UTILITY PLAN
YORK RD ~ STA 3+500

SCALE HORIZ 1"=20.0', VERT 1"=4.0' DATE MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 8 OF 22

FILE REF.

FILE REF.

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	CHANGE LOCATION OF PROJ LIGHT	10/25/86	356

Sta 3+05.81
Connect I-1 into Exist 42 inch
RCP with Collar Tap at Exist
Point of Connection.

Adjust Exist Inlet to
Proposed Grade

Remove frame and cover, plug incoming and outgoing pipes,
and fill manhole on existing abandoned private drain.

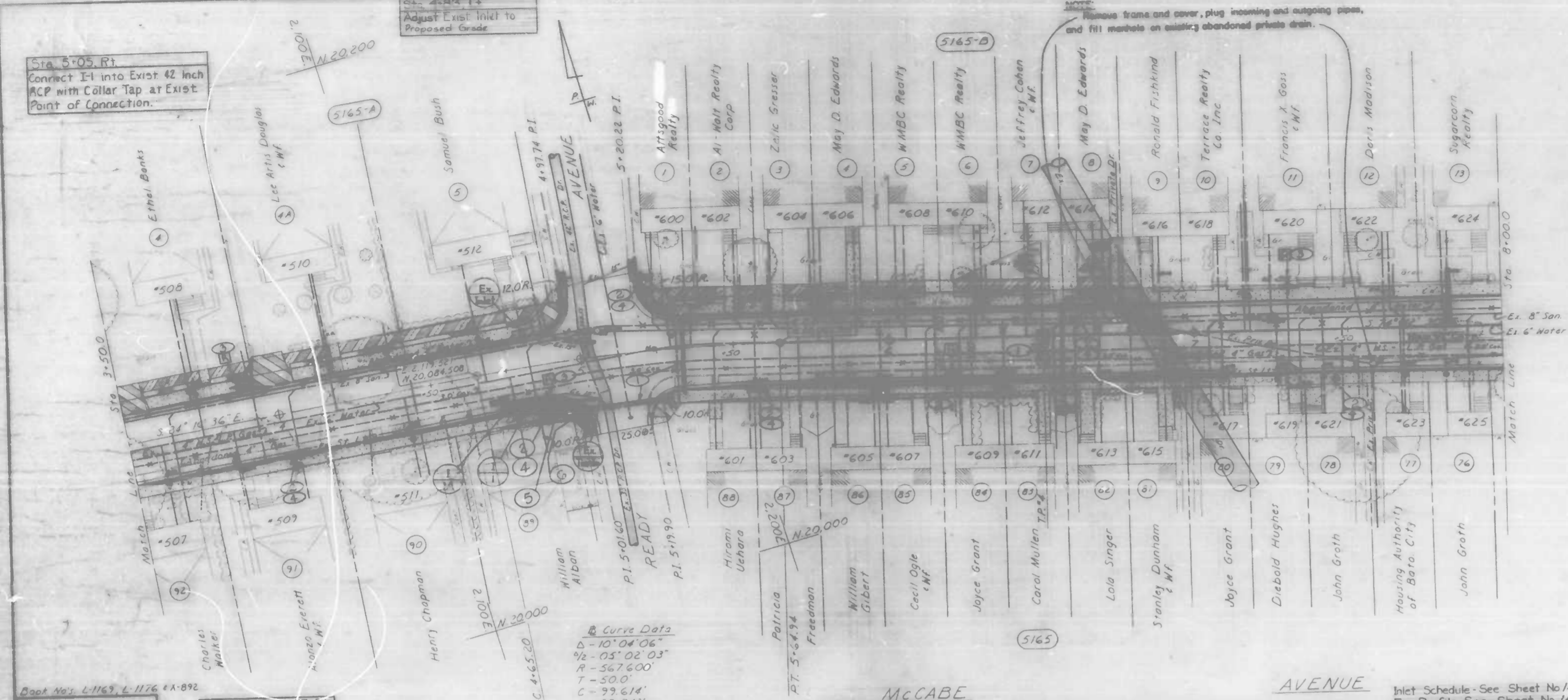
NOTE OBSTRUCTIONS ARE SHOWN ON THIS DRAWING
FOR THE CONVENIENCE OF THE CONTRACTOR
ONLY AND THE CITY DOES NOT WARRANT OR
GUARANTEE THE CORRECTNESS OR THE
LETTERHEAD OF THE INFORMATION GIVEN. THE
CONTRACTOR MUST VERIFY ALL SUCH INFOR-
MATION TO HIS OWN SATISFACTION.

NOTE Baltimore Gas & Electric Co. C & P
Telephone Co Contact "Miss Utility" at 1-800
257-7777 at least 3 working days prior to
starting work so that they can arrange to
mark the location of their facilities.

CONDUIT: For proposed conduit
instructions & key see
sheet 8 of 22.

SEE SHEET 11 FOR WATER NOTES
WATER ENGINEERING DIVISION

Drawn By: C. Curtis
Checked By: W. Malley
Chief Water Eng. Sect.

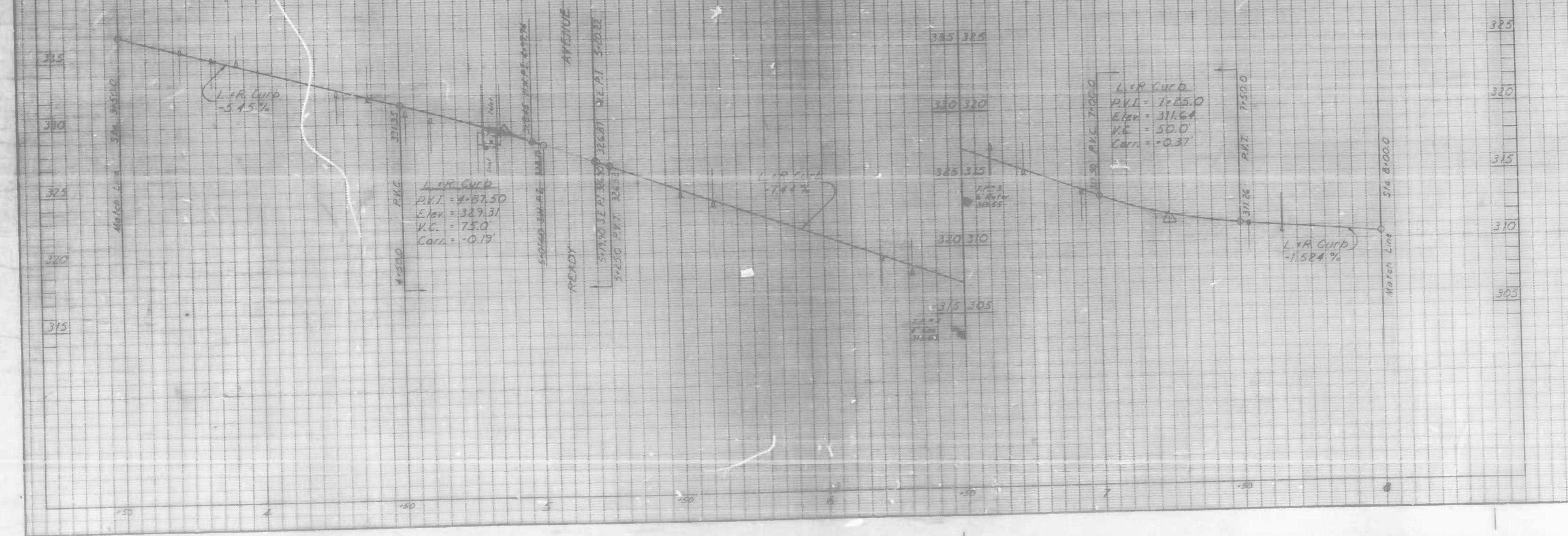


Dist No: L-1163, L-1176 4x-B2
Drawn By: S. Vosburg
Examined By: M. Gump

Sta 4+67 To 5+15 RT
Remove Exist. Inlets
Remove Exist. 15" Pipe

Curve Data
Δ = 101°04'06"
R = 105'02'03"
T = 567.600'
C = 39.614'
L = 39.742'
M = 302831814 mm/ft

TOP OF EXIST. SIDEWALK

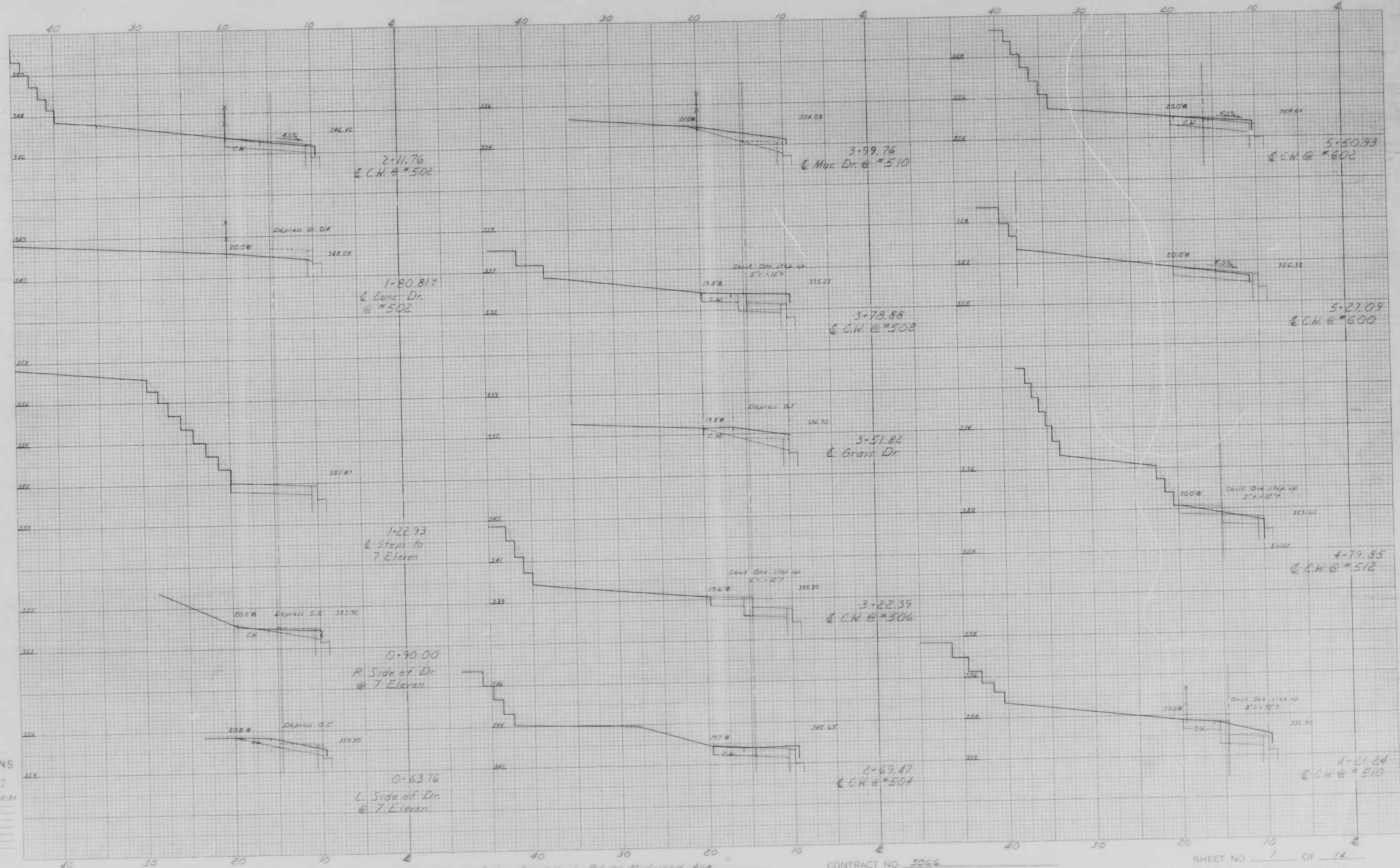


CITY OF BALTIMORE
DEPARTMENT OF PUBLIC WORKS
BUREAU OF HIGHWAYS
CONTRACT NO. 3066

MCCABE AVENUE
YORK RD. - MIDWOOD AVE
UTILITY PLAN
STA. 3+50.0 - STA. 8+00.0

SCALE HORIZ. 1"=20.0', VERT. 1"=4.0' DATE MAY 9, 1986
HIGHWAY ENGINEERING DIVISION SHEET 31 OF 22

FILE REF.



CROSS SECTIONS
Scale 1 inch = 10 feet

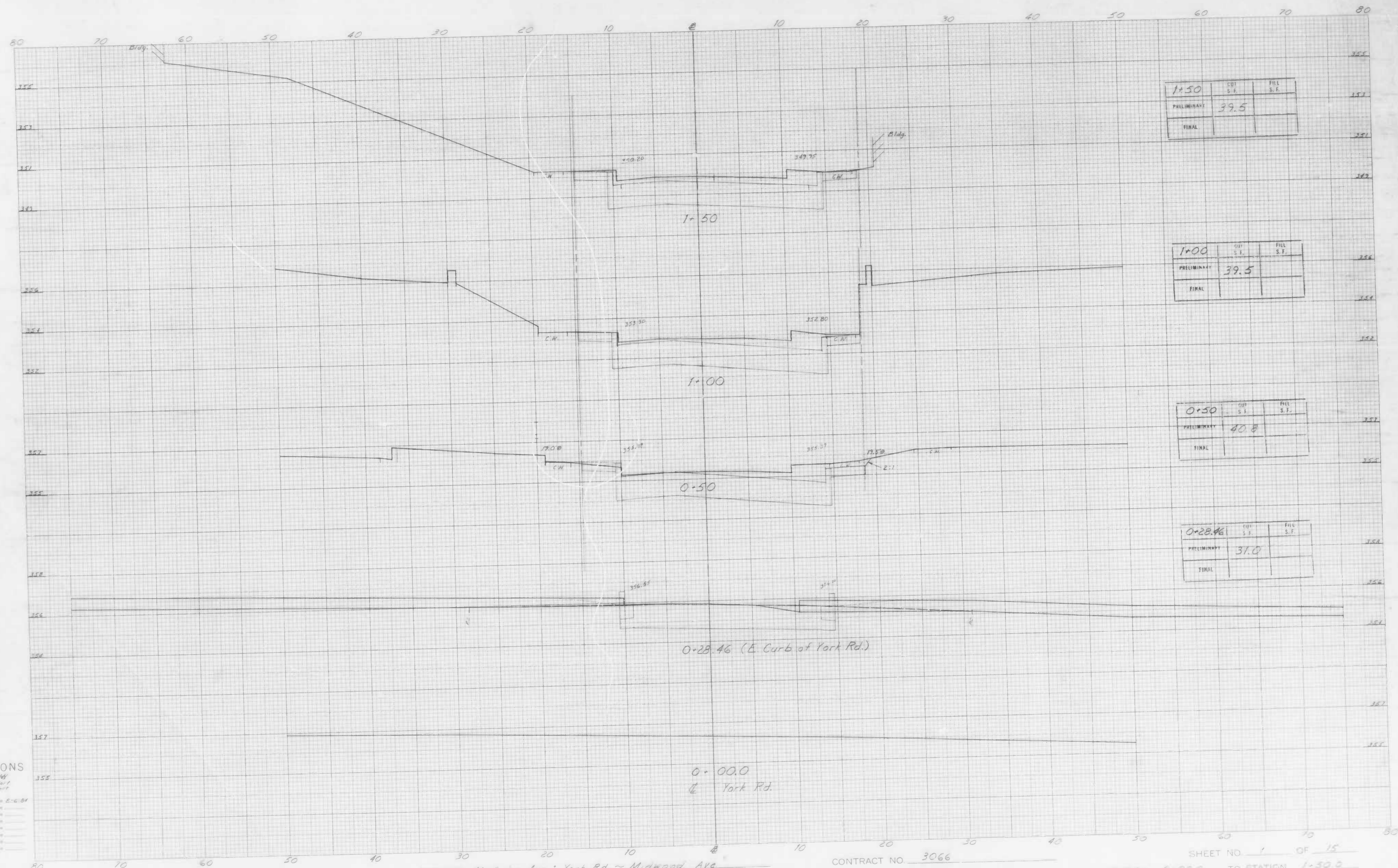
Original Plan by	Drawn
Original Checked by	Drawn
Revised by	Drawn
Area by	Drawn
Final Plan by	Drawn
Final Checked by	Drawn
Area by	Drawn
Area Checked by	Drawn

BOOK NO. L-1169, L-1176

PROJECT McCabe Ave. York Rd - M.wood Ave
DESCRIPTION Studies along left side

CONTRACT NO 3066

SHEET NO 1 OF 14
STATION 0+63.76 TO STATION 5+50.93



CROSS SECTIONS

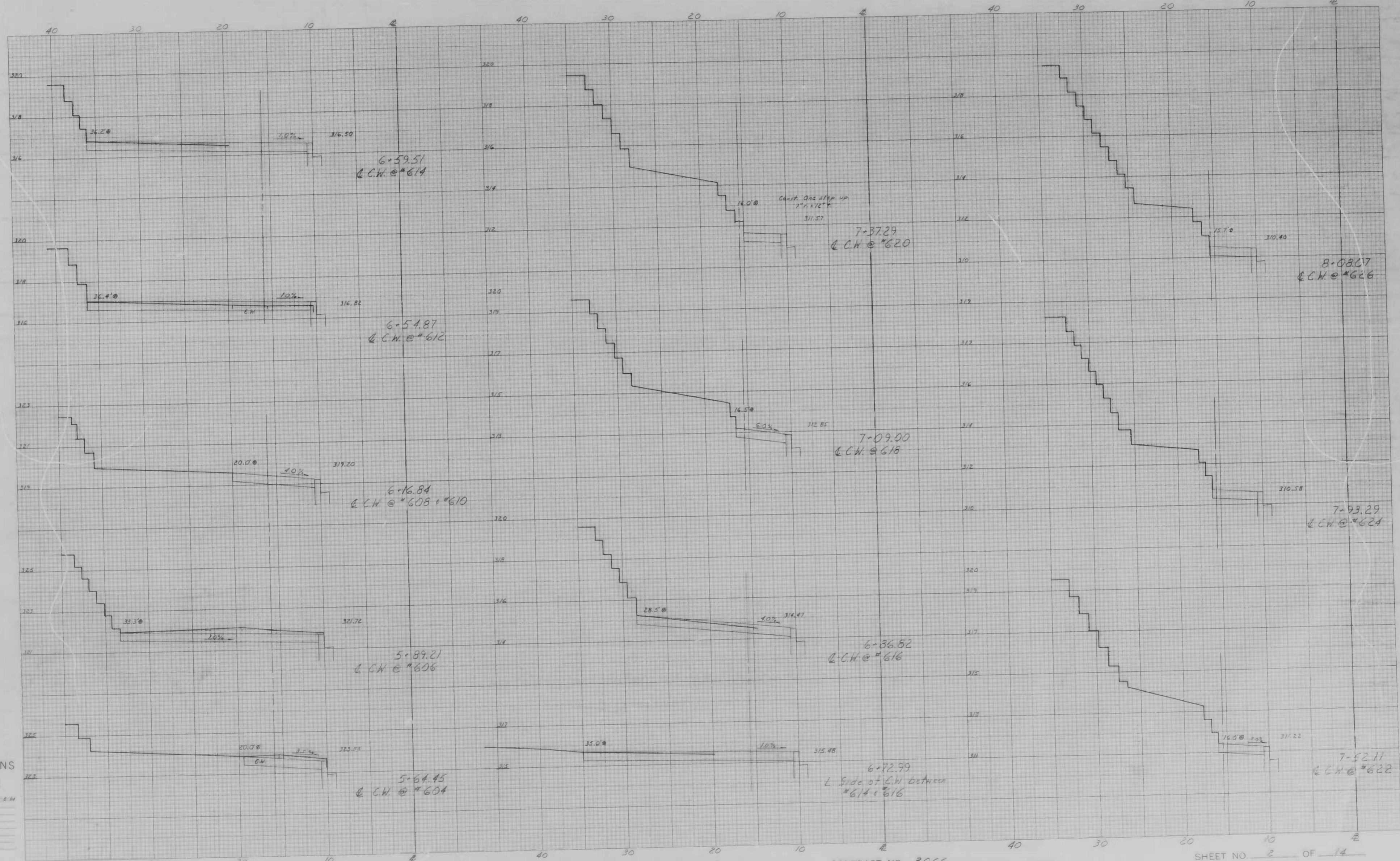
Scale 1 inch = 10 feet
 5.0 feet
 2.0 feet

Original Stationed by J. W. ...
 Original Plotted by ...
 Checked by ...
 Approved by ...
 Date ...

DESCRIPTION X-sections

0+00.0
 York Rd.

0+28.46 (E Curb of York Rd.)



CROSS SECTIONS

Scale 1 inch = 10 feet
 1" = 10'

Original Plotted by	J. P. Kelly	Date	8-24
Original Checked by		Date	
Template No.		Date	
Area by		Date	
Plotted by		Date	
Checked by		Date	
Area by		Date	
Plot Checked by		Date	

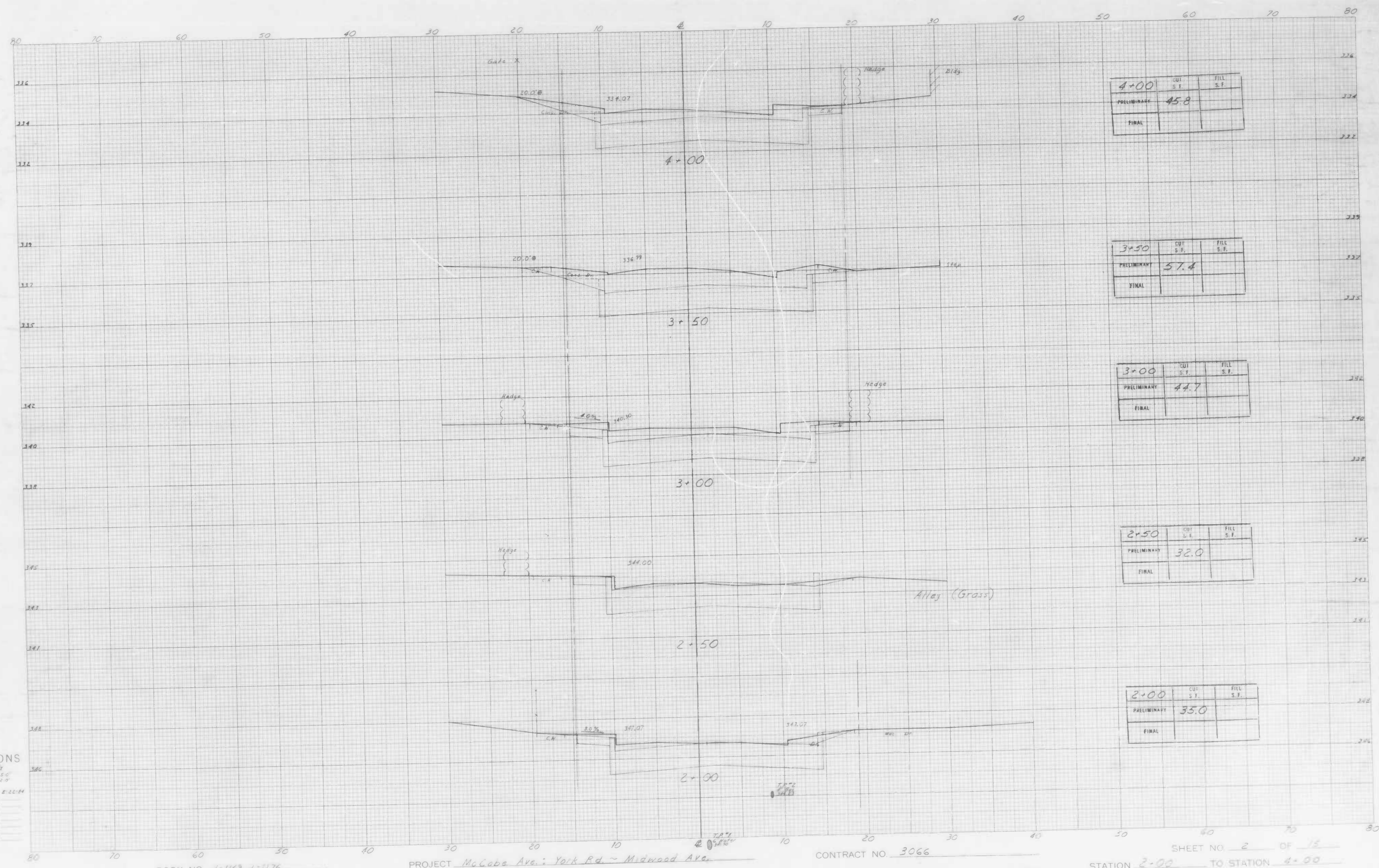
BOOK NO. L-1169, L1176

PROJECT McCabe Ave. York Rd. - Midwood Ave.

DESCRIPTION Studies along left side

CONTRACT NO. 3066

SHEET NO. 2 OF 14
 STATION 5+64.45 TO STATION 8+08.07



CROSS SECTIONS

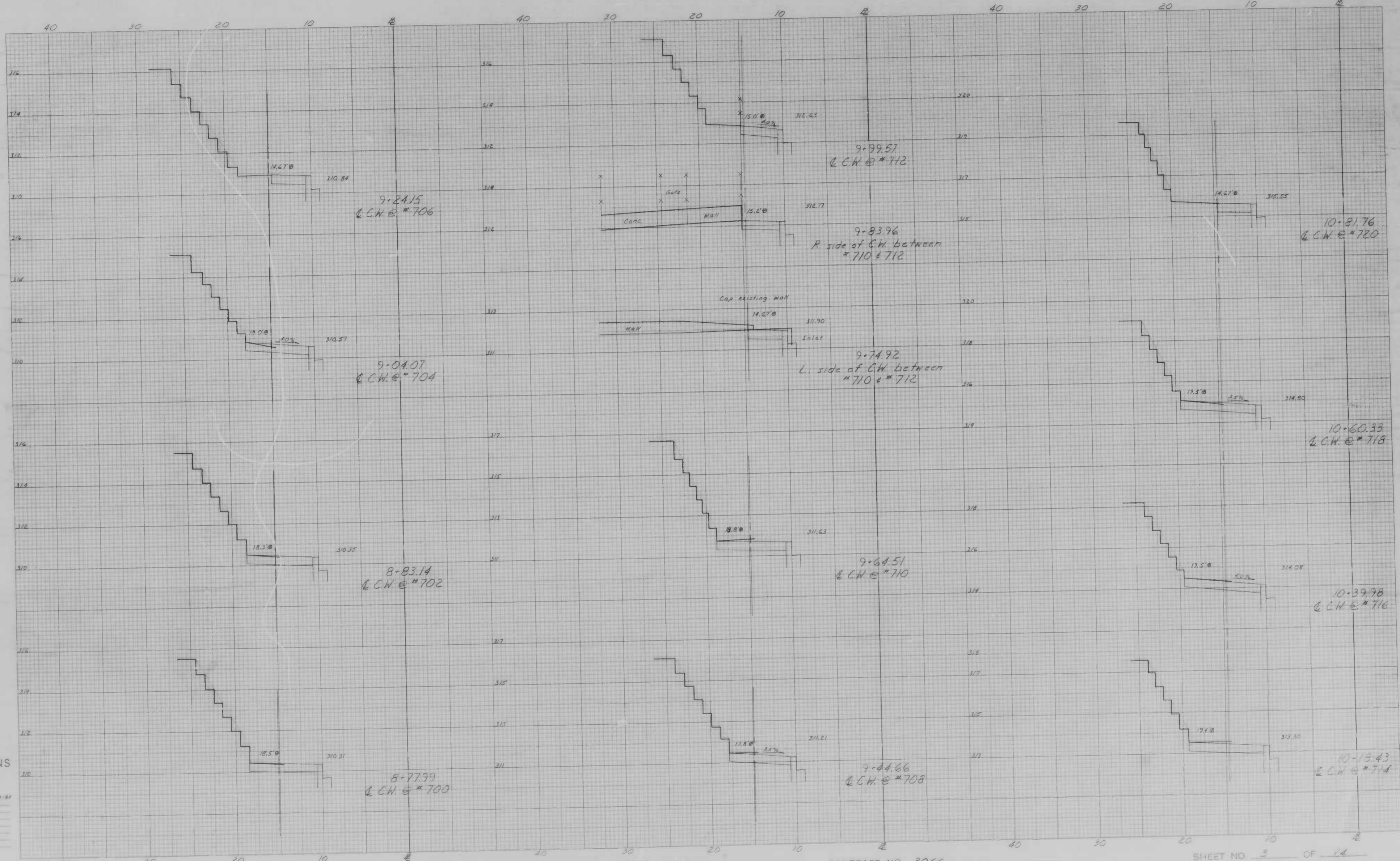
Scale 1 inch = 20 feet
 Original Planned by J. K. ...
 Original Checked by ...
 Transcribed by ...
 Area by ...
 Plots Plotted by ...
 Final Checked by ...
 Date by ...
 Area Checked by ...

BOOK NO. 4-1163, 4-1176

PROJECT McCabe Ave.; York Rd. - Midwood Ave.
 DESCRIPTION X-Sections

CONTRACT NO. 3066

SHEET NO. 2 OF 12
 STATION 2+00 TO STATION 4+00



CROSS SECTIONS

Scale 1 inch = 10 feet
 1" = 10' HORIZ.
 1" = 2' VERT.

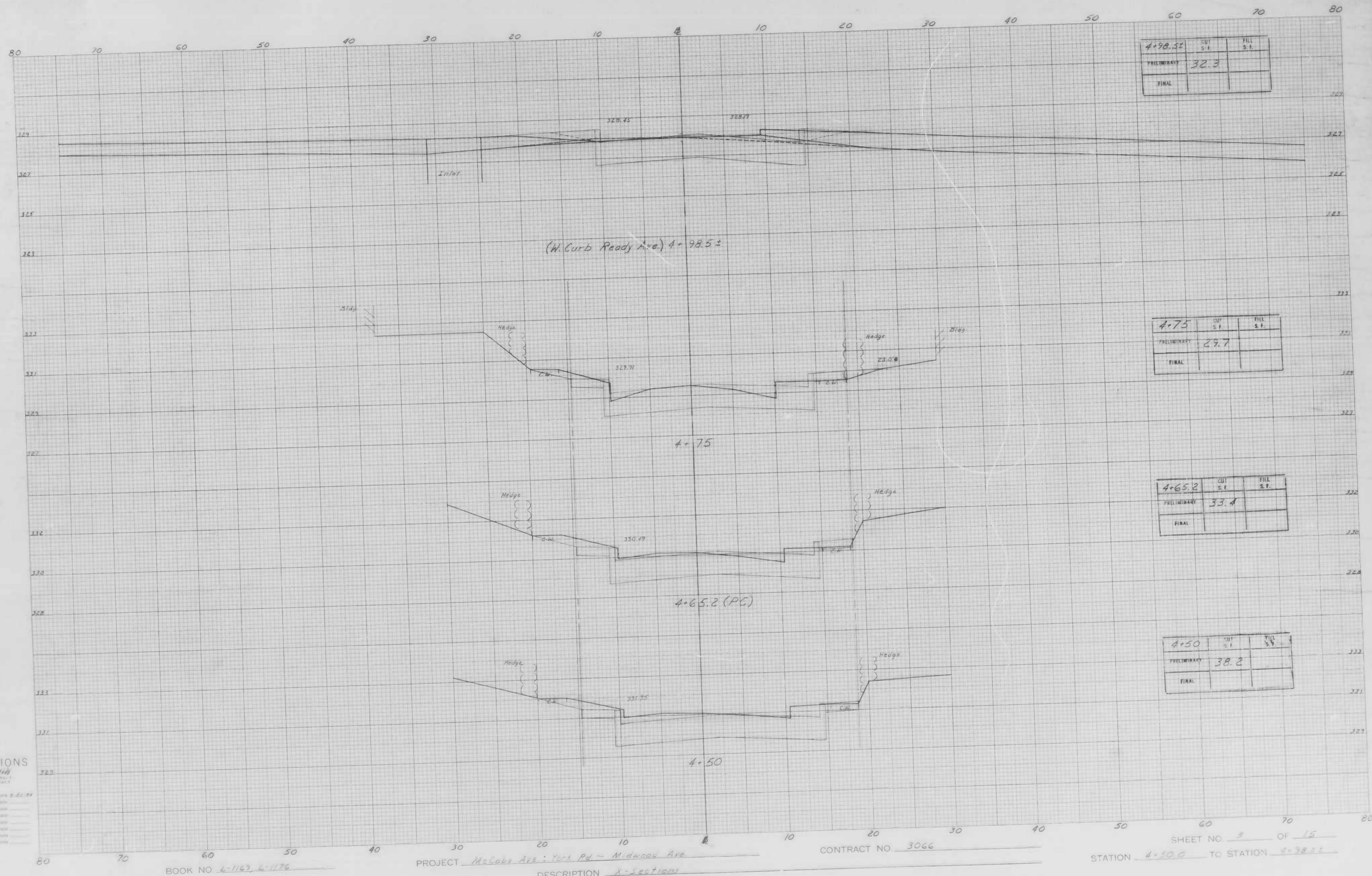
Original Plotted by J. H. Hertzberg Date 11-3-59
 Original Checked by _____ Date _____
 Template by _____ Date _____
 Area by _____ Date _____
 Plans Plotted by _____ Date _____
 Plans Checked by _____ Date _____
 Area by _____ Date _____
 Area Checked by _____ Date _____

BOOK NO. L-1169, L-1176

PROJECT McCabe Ave. York Rd ~ Midwood Ave.
 DESCRIPTION Studies along Left Side

CONTRACT NO. 3066

SHEET NO. 3 OF 14
 STATION 8-77.37 TO STATION 10-81.76



CROSS SECTIONS

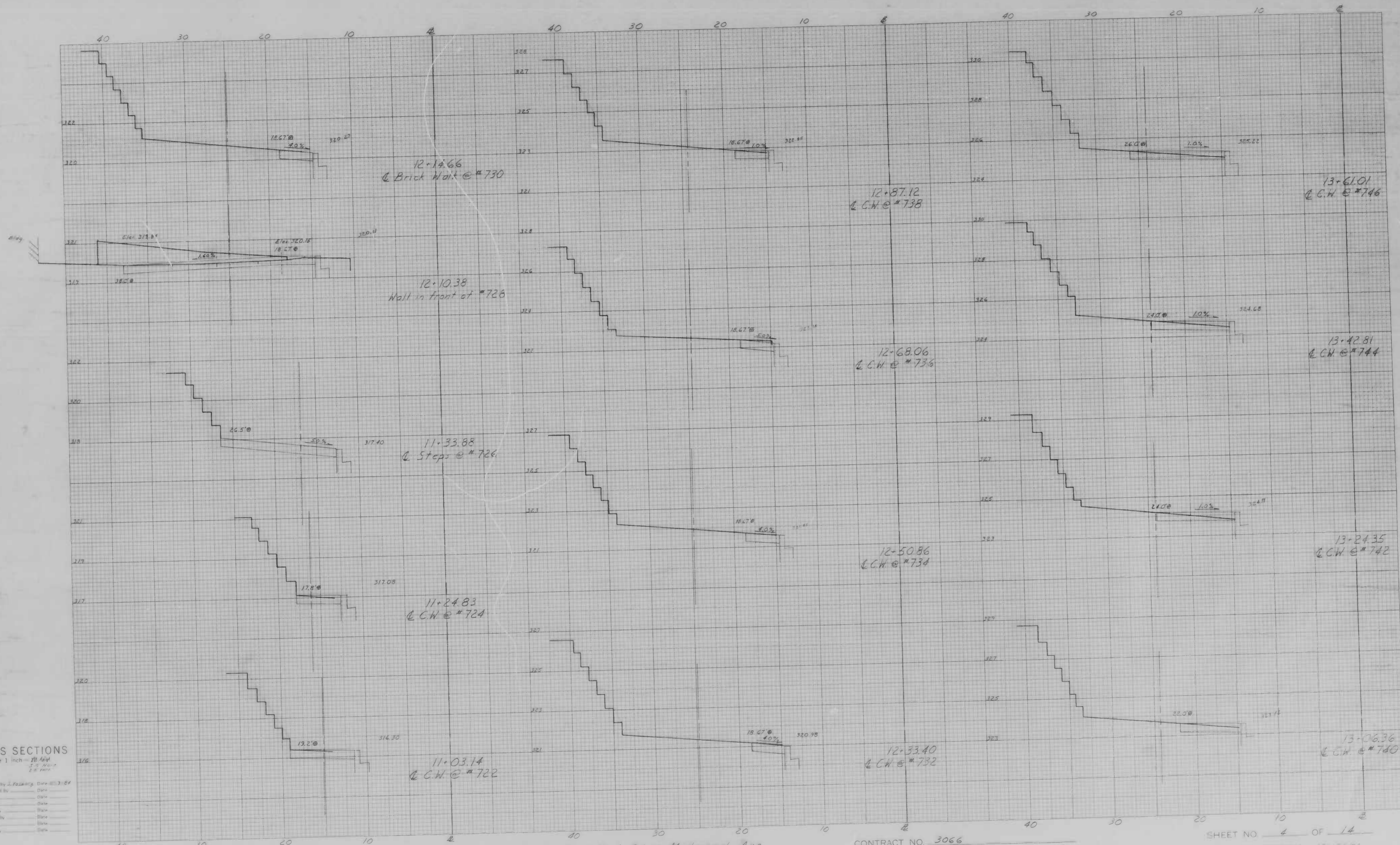
Scale 1 inch = 10 feet
 Original Plan by J. [Name] Date 8-20-24
 Original Section by [Name] Date [Date]
 Checked by [Name] Date [Date]
 Approved by [Name] Date [Date]
 Date [Date]
 Date [Date]

BOOK NO. 4-1167, 4-1176

PROJECT McCabe Ave. York Pk. - Midway Ave
 DESCRIPTION X-sections

CONTRACT NO. 3066

SHEET NO. 3 OF 15
 STATION 4+50.0 TO STATION 4+98.5±



CROSS SECTIONS

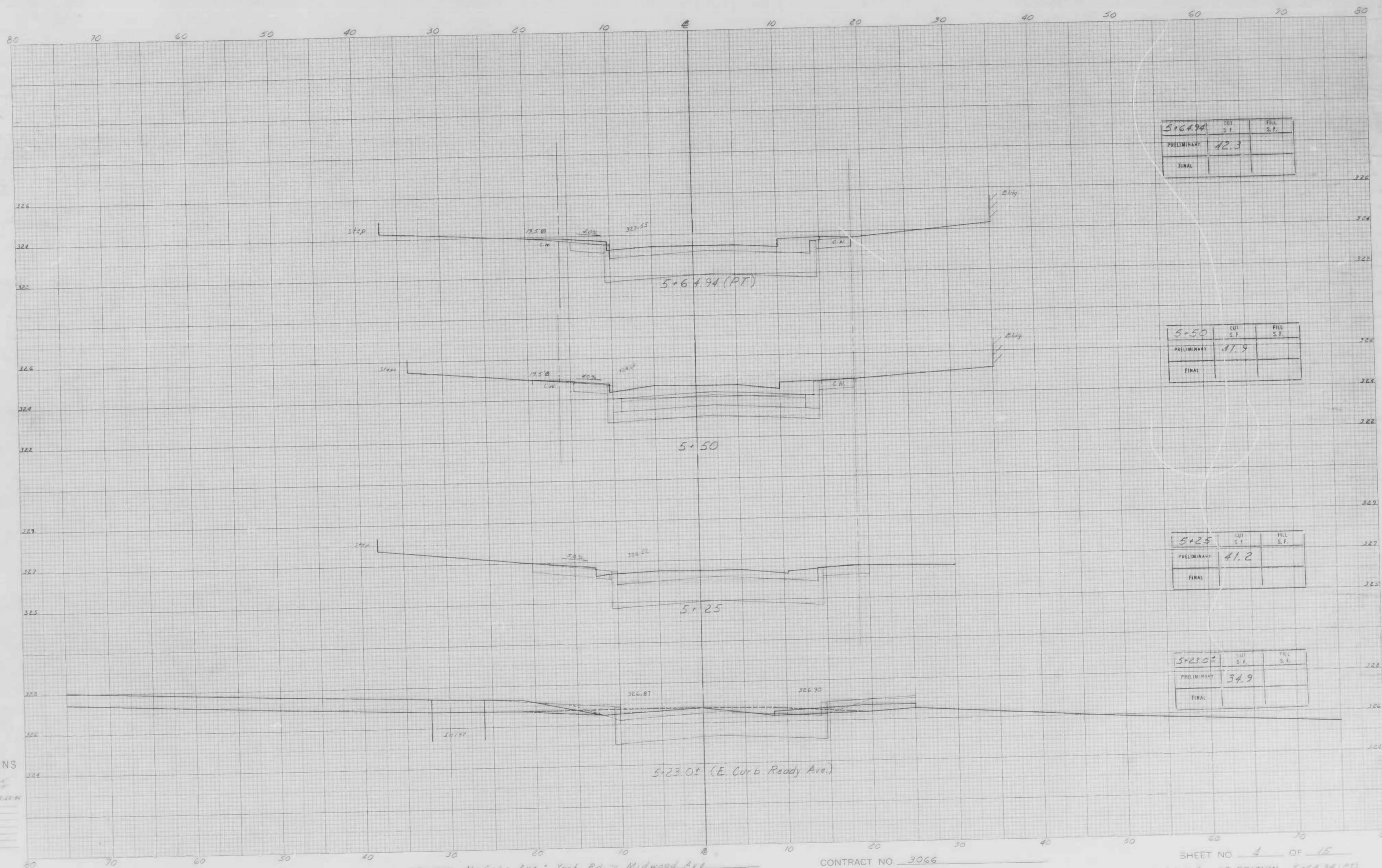
Scale 1 inch = 20 feet
 Original Plotted by J. F. ...
 Original Checked by ...
 Template by ...
 Ink by ...
 Final Plotted by ...
 Final Checked by ...
 Area by ...
 Area Checked by ...

BOOK NO. 4-1169, 4-1176

PROJECT McCabe Ave. York Rd. ~ Midwood Ave
 DESCRIPTION Studies along Left Side

CONTRACT NO. 3066

SHEET NO. 4 OF 14
 STATION 11-03.14 TO STATION 13-61.01



CROSS SECTIONS

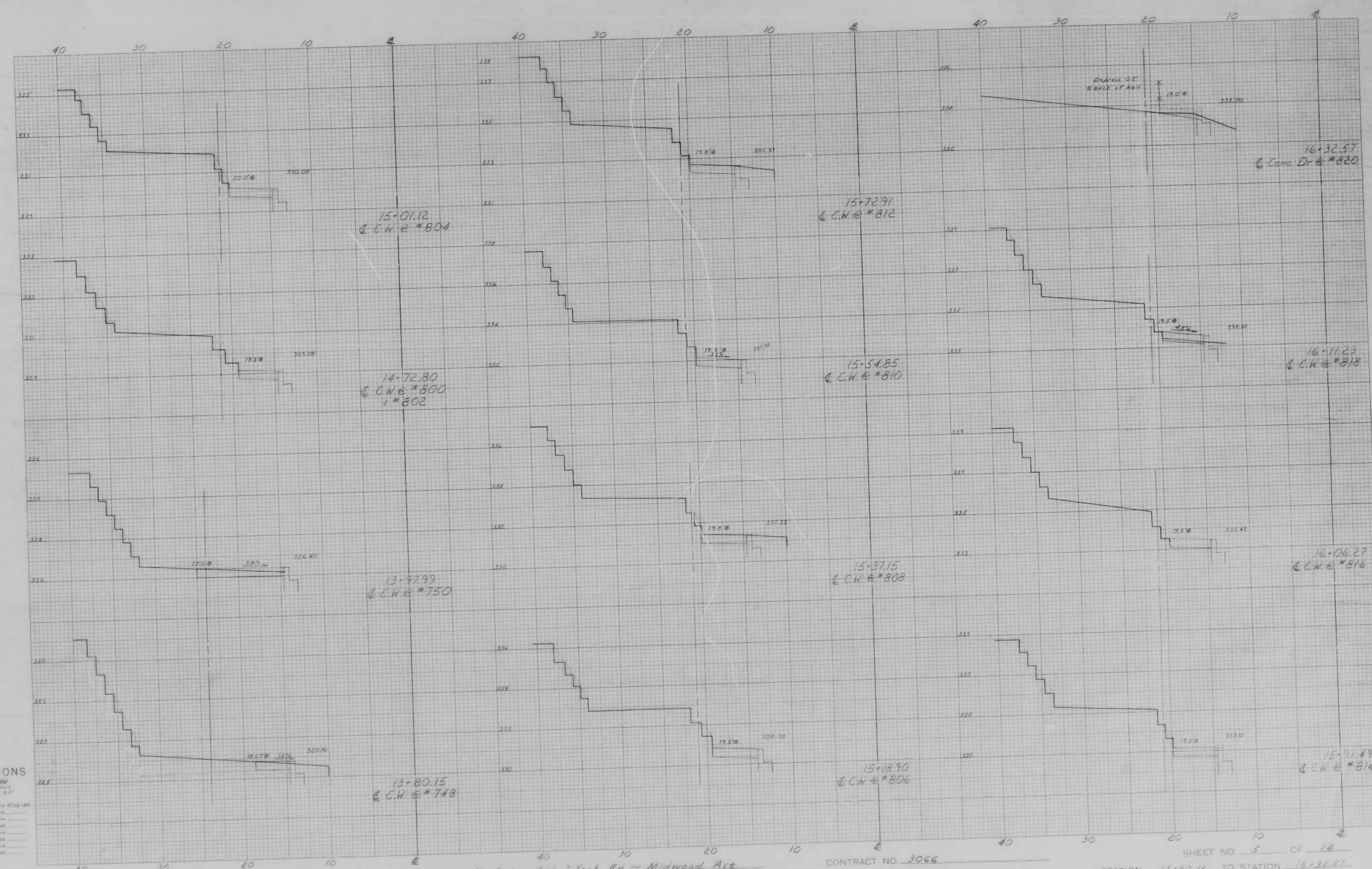
Scale 1" = 10'
 Original Profile by C. Blumberg, Date 8-22-54
 Original Checked by _____ Date _____
 Rechecked by _____ Date _____
 Area by _____ Date _____
 Final Checked by _____ Date _____
 Area by _____ Date _____
 Area Checked by _____ Date _____

BOOK NO. L-1169, L-1176

PROJECT McCabe Ave. York Rd - Midwood Ave
 DESCRIPTION X-sections

CONTRACT NO. 3066

SHEET NO. 4 OF 15
 STATION 5+23.0± TO STATION 5+64.94 (PT)



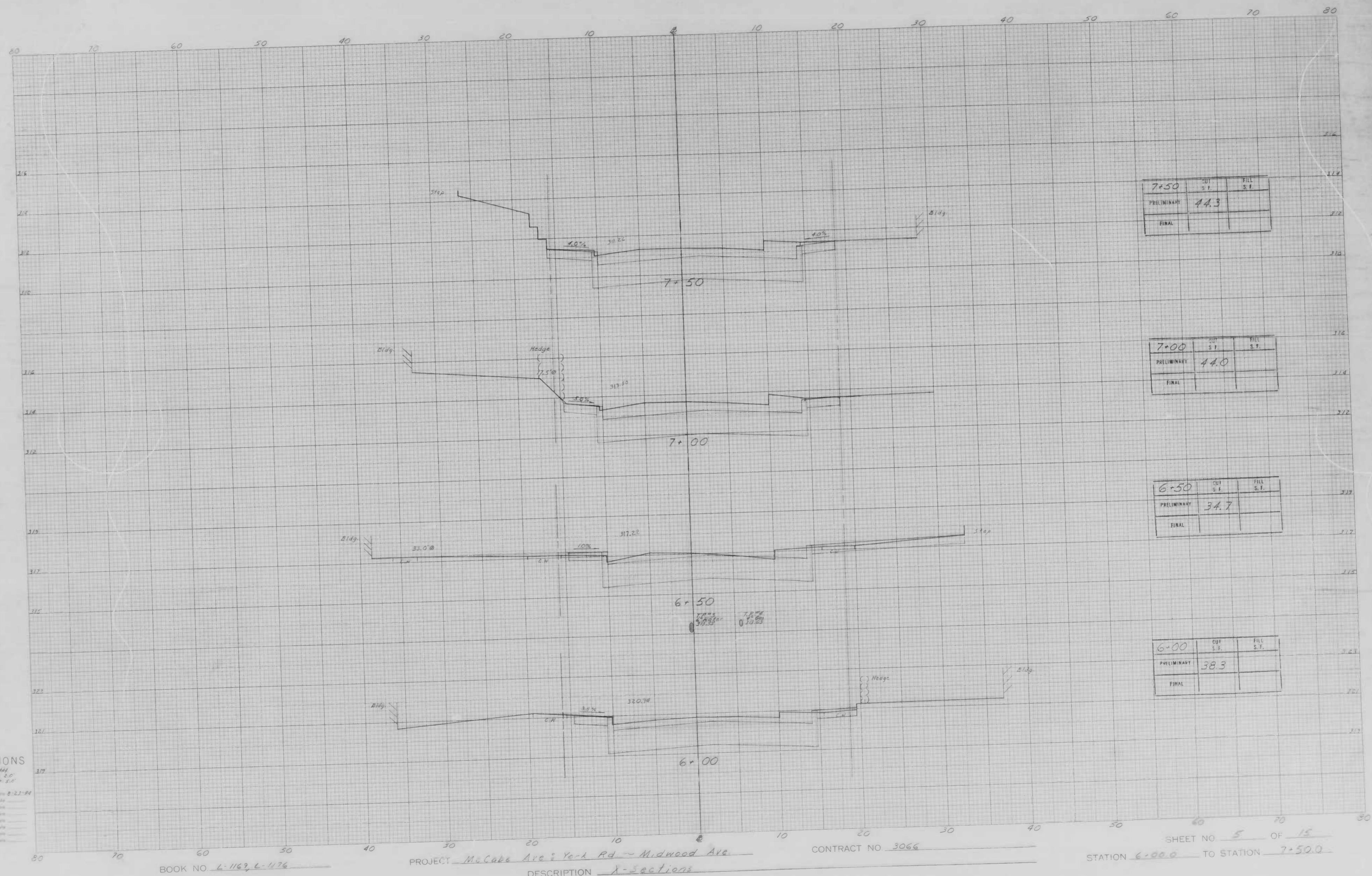
CROSS SECTIONS
 Scale 1 inch = 10 feet
 Original plotted by S. P. [unclear] Date 12-12-24
 Original Checked by [unclear] Date [unclear]
 Prepared by [unclear] Date [unclear]
 Plotted by [unclear] Date [unclear]
 Final Checked by [unclear] Date [unclear]
 Area by [unclear] Date [unclear]
 Area Checked by [unclear] Date [unclear]

BOOK NO. L-1162, L-1176

PROJECT McCabe Ave., York Rd ~ Midwood Ave
 DESCRIPTION Studies along Left Side

CONTRACT NO. 3066

SHEET NO. 5 OF 12
 STATION 13+80.15 TO STATION 16+32.57



CROSS SECTIONS

Scale 1" = 10' HORIZ
1" = 2' VERT

Original Plotted by S. Haskins Date 2-27-44
Original Checked by _____ Date _____
Revised by _____ Date _____
Final Checked by _____ Date _____
Area by _____ Date _____
Area Checked by _____ Date _____

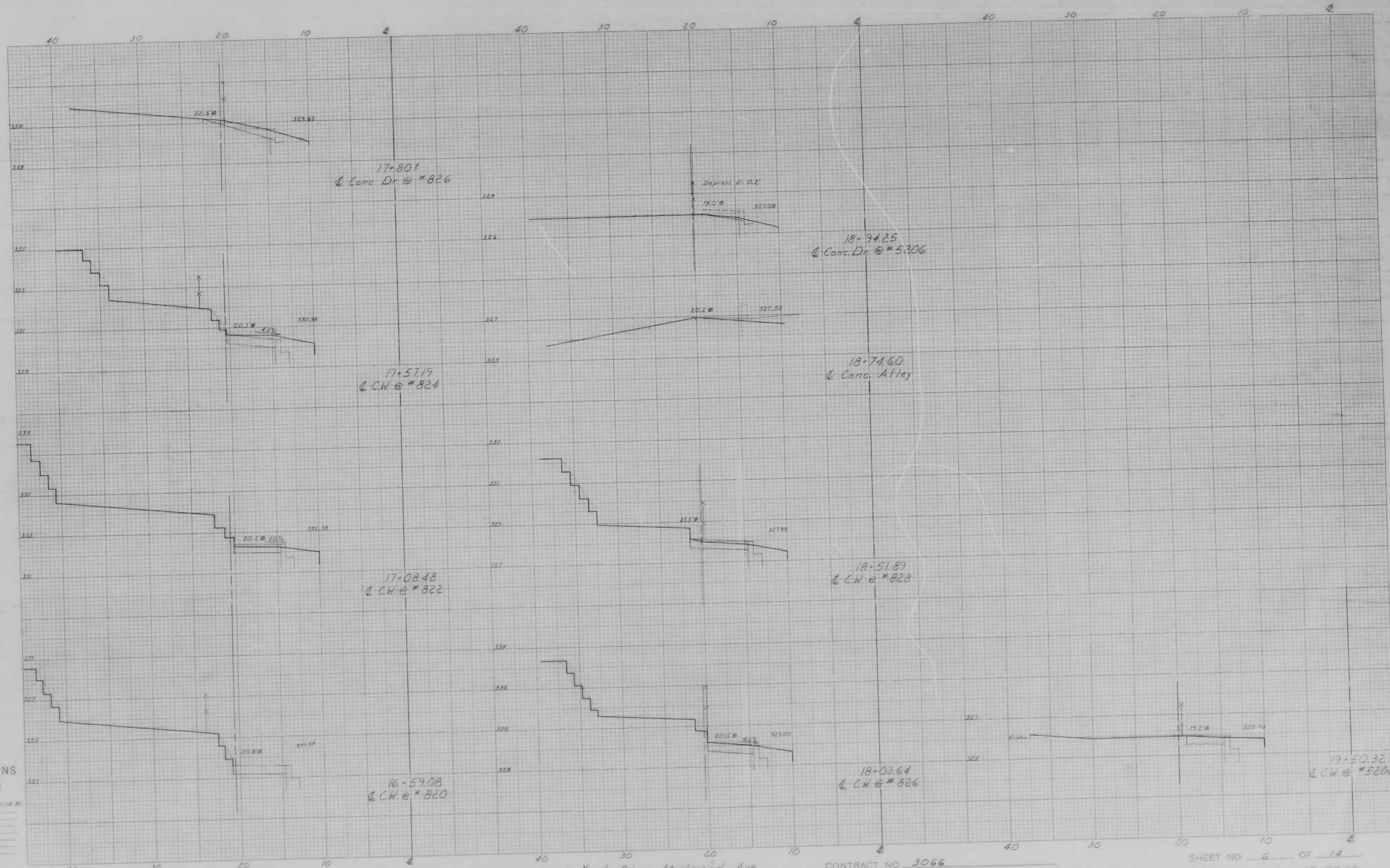
BOOK NO. L-1169, L-1176

PROJECT McCabe Ave. - York Rd. - Midwood Ave

DESCRIPTION X-sections

CONTRACT NO. 3066

SHEET NO. 5 OF 15
STATION 6+00.0 TO STATION 7+50.0



CROSS SECTIONS

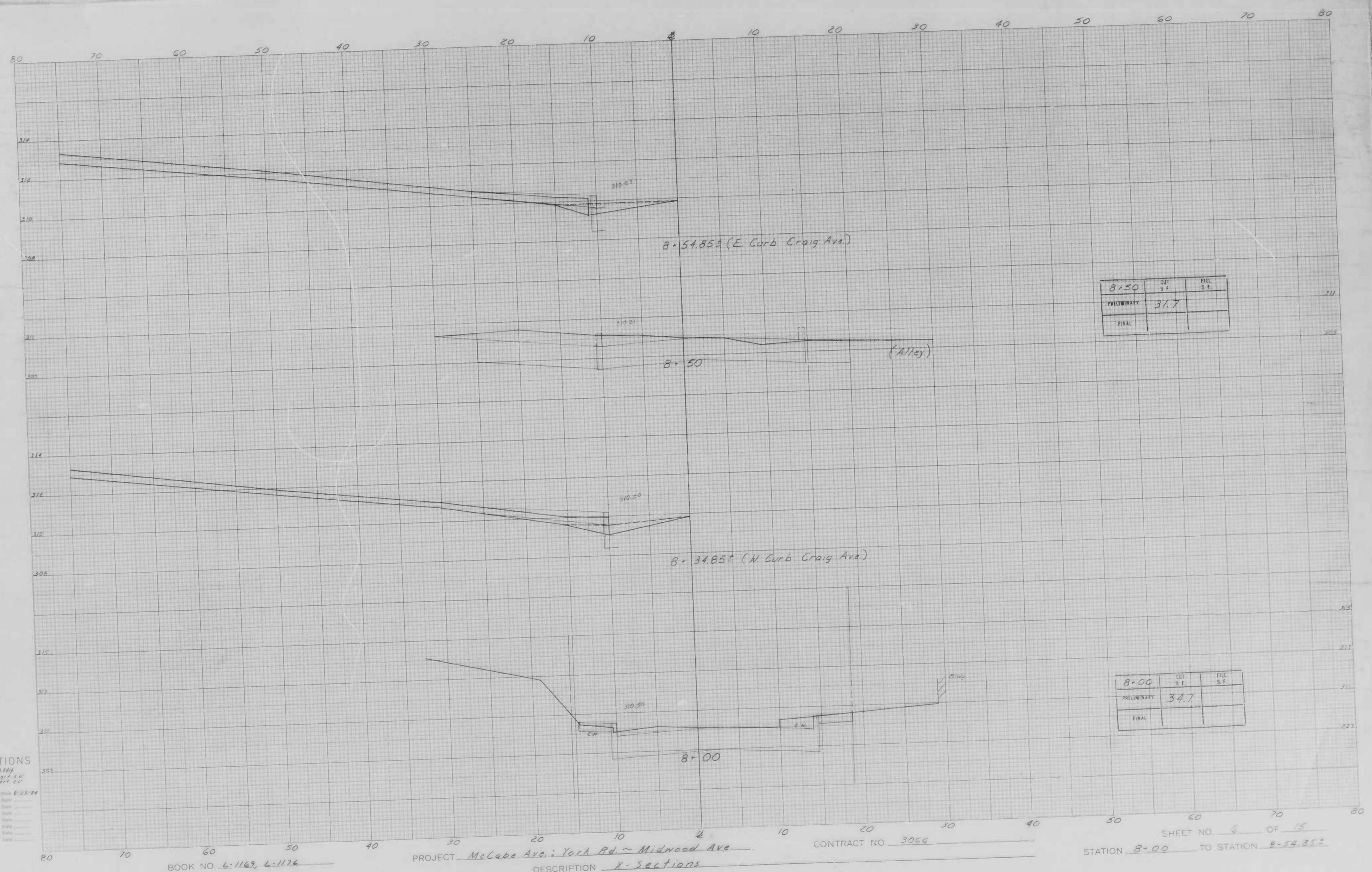
Scale 1 inch = 10' HORIZ.
 1" = 1' VERT.
 Original plotted by J. F. ...
 Original checked by ...
 Transcribed by ...
 Plotted by ...
 Checked by ...
 Area by ...
 Area checked by ...

BOOK NO. L-1162, L-1176

PROJECT McCabe Ave: York Rd. ~ Midwood Ave.
 DESCRIPTION Studies along left side

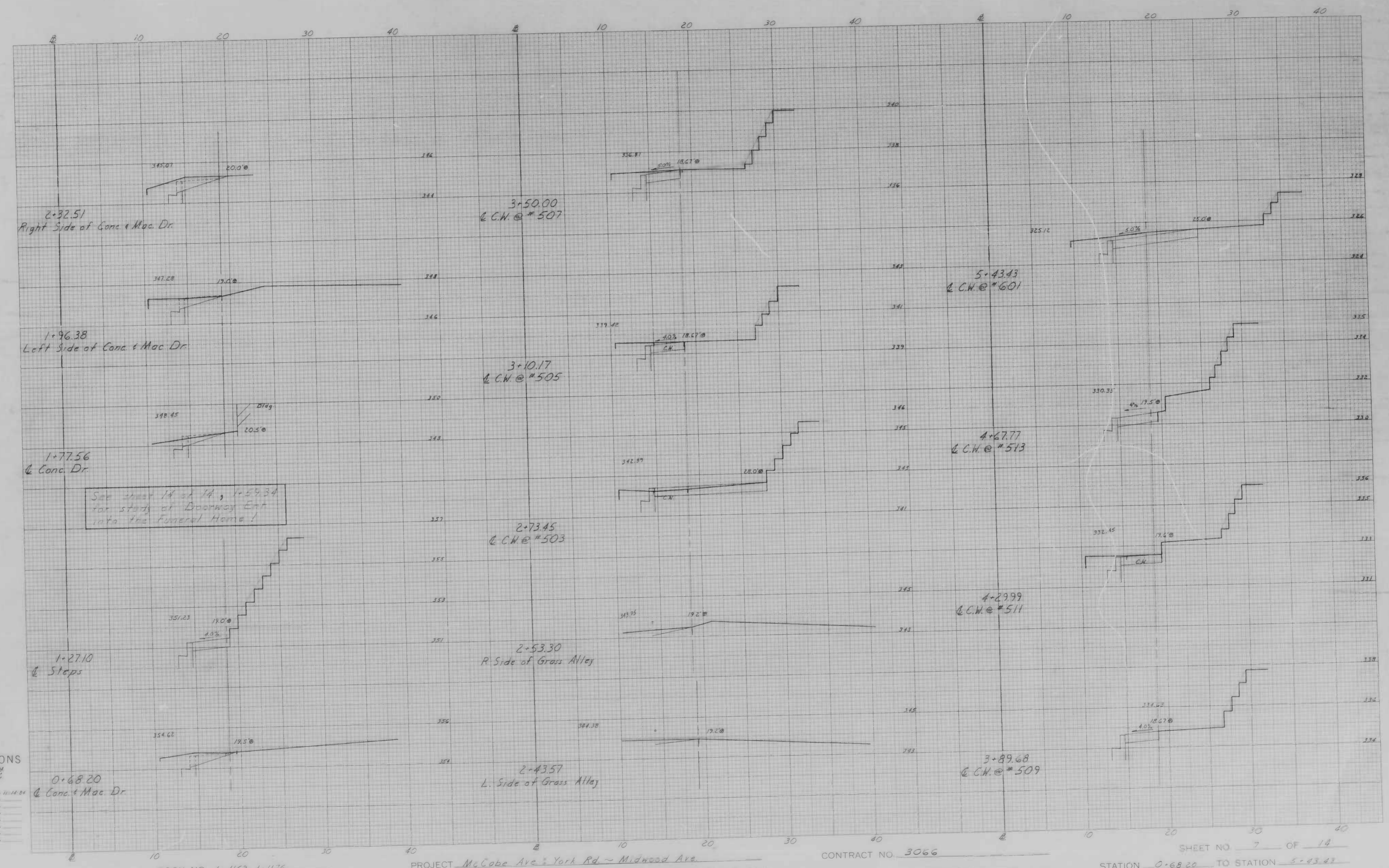
CONTRACT NO. 3066

SHEET NO. 6 OF 14
 STATION 16+59.08 TO STATION 17+50.32



CROSS SECTIONS
 Scale: 1 inch = 10 feet
 HORIZ. 1" = 10'
 VERT. 1" = 2'

Original Plan by S. Vosburg Date 8-23-84
 Checked by _____
 Drawn by _____
 Area by _____
 Volume by _____
 State _____
 Date _____



CROSS SECTIONS
 Scale 1 inch = 10' Vert
 1" = 40' Hor

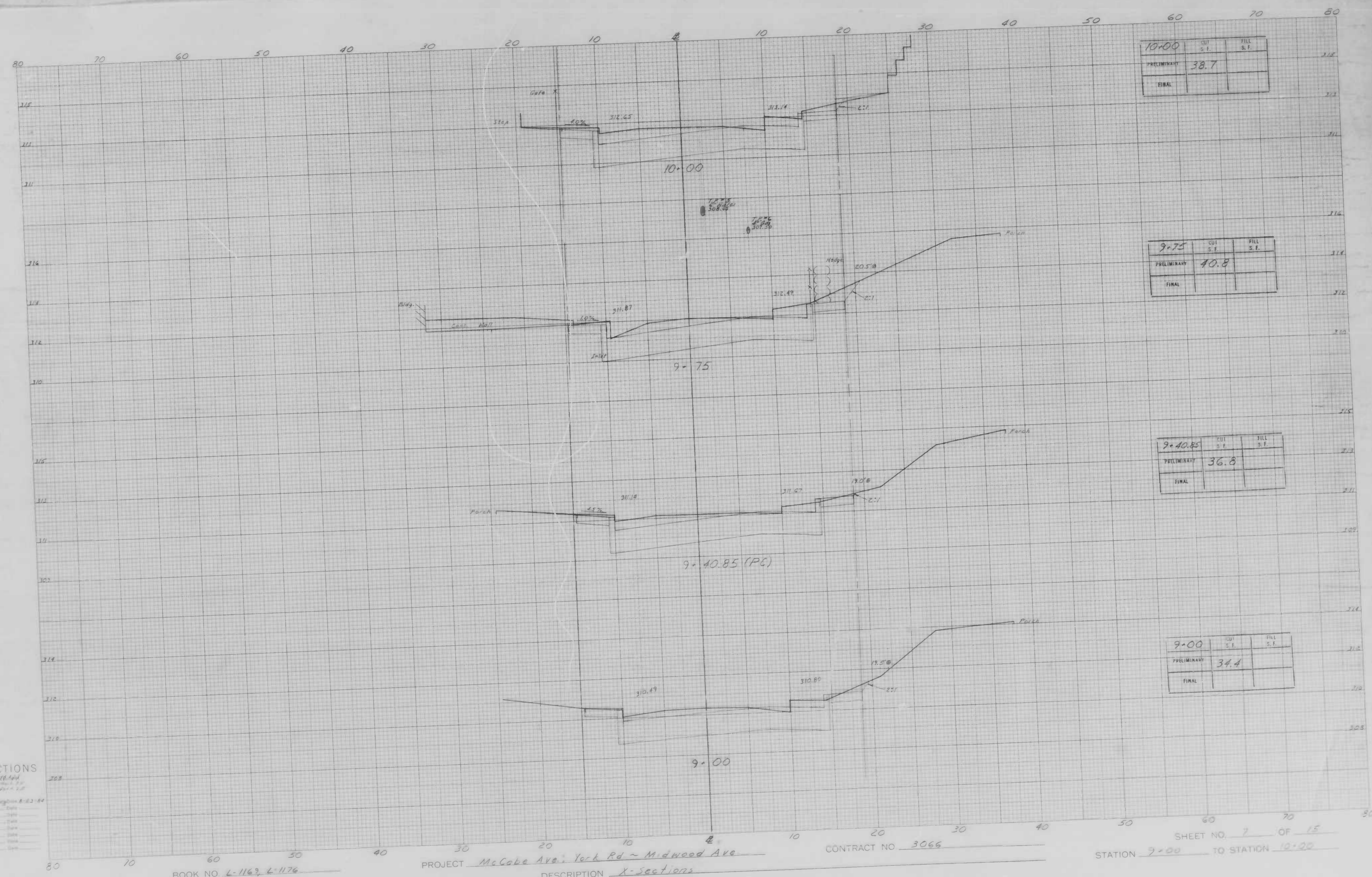
Original Planed by J. Harburg	Date 10-14-84
Original Checked by	Date
Template by	Date
Area by	Date
Final Plotted by	Date
Final Checked by	Date
Area by	Date
Area Checked by	Date

BOOK NO. L-1163, L-1176

PROJECT McCabe Ave. York Rd. - Midwood Ave.
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 7 OF 14
 STATION 0+68.20 TO STATION 5+43.43



CROSS SECTIONS

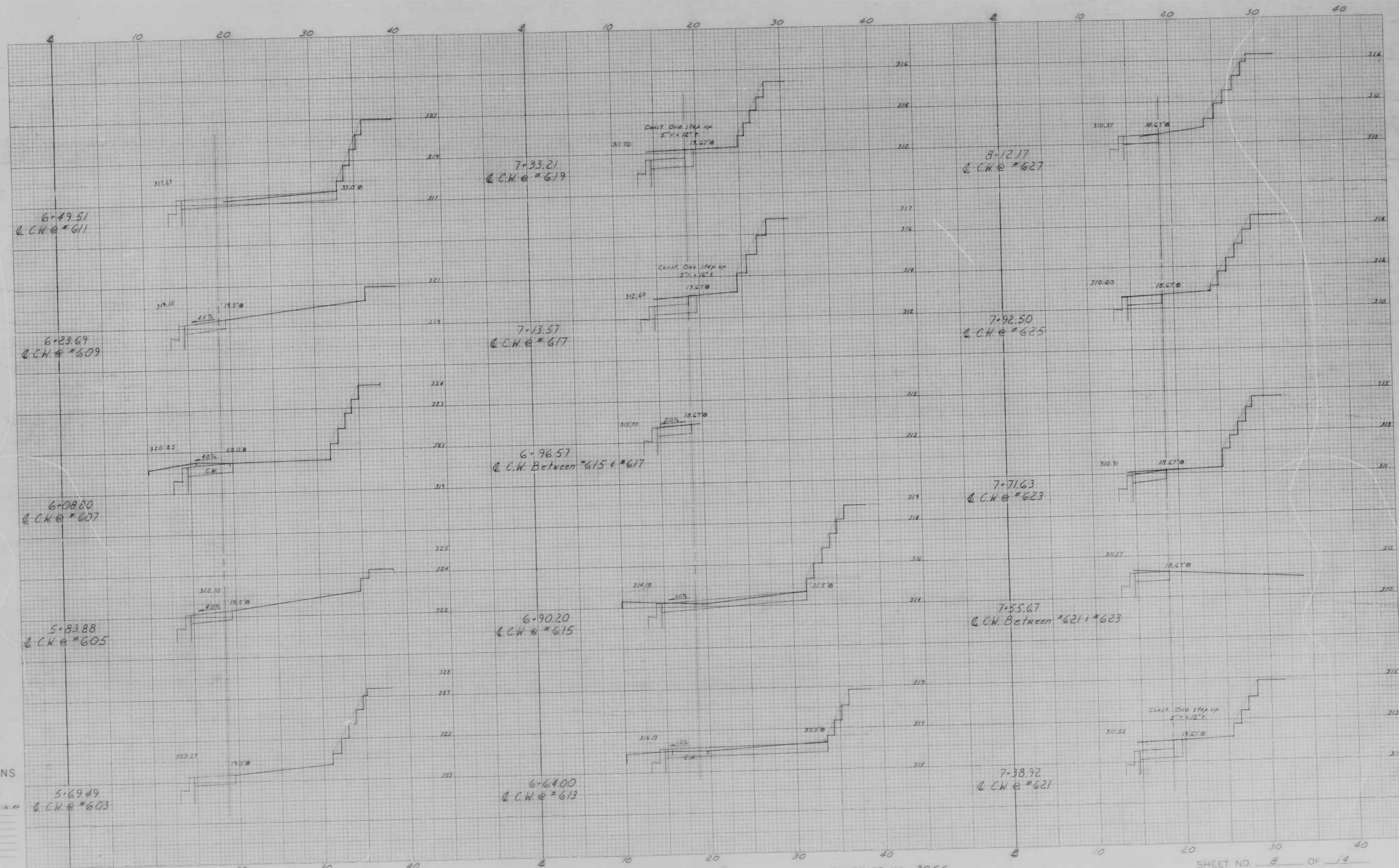
Scale 1 inch = 10 feet
 Original Marked by S. Scarborough 8-22-84
 Checked by _____
 Drawn by _____
 Plotted by _____
 Final Checked by _____
 Date _____

BOOK NO. L-1163, L-1176

PROJECT McCabe Ave., York Rd ~ Midwood Ave
 DESCRIPTION X-Sections

CONTRACT NO. 3066

SHEET NO. 7 OF 15
 STATION 9+00 TO STATION 10+20



CROSS SECTIONS

Scale 1 inch = 10' Vert
 1" = 40' Hor

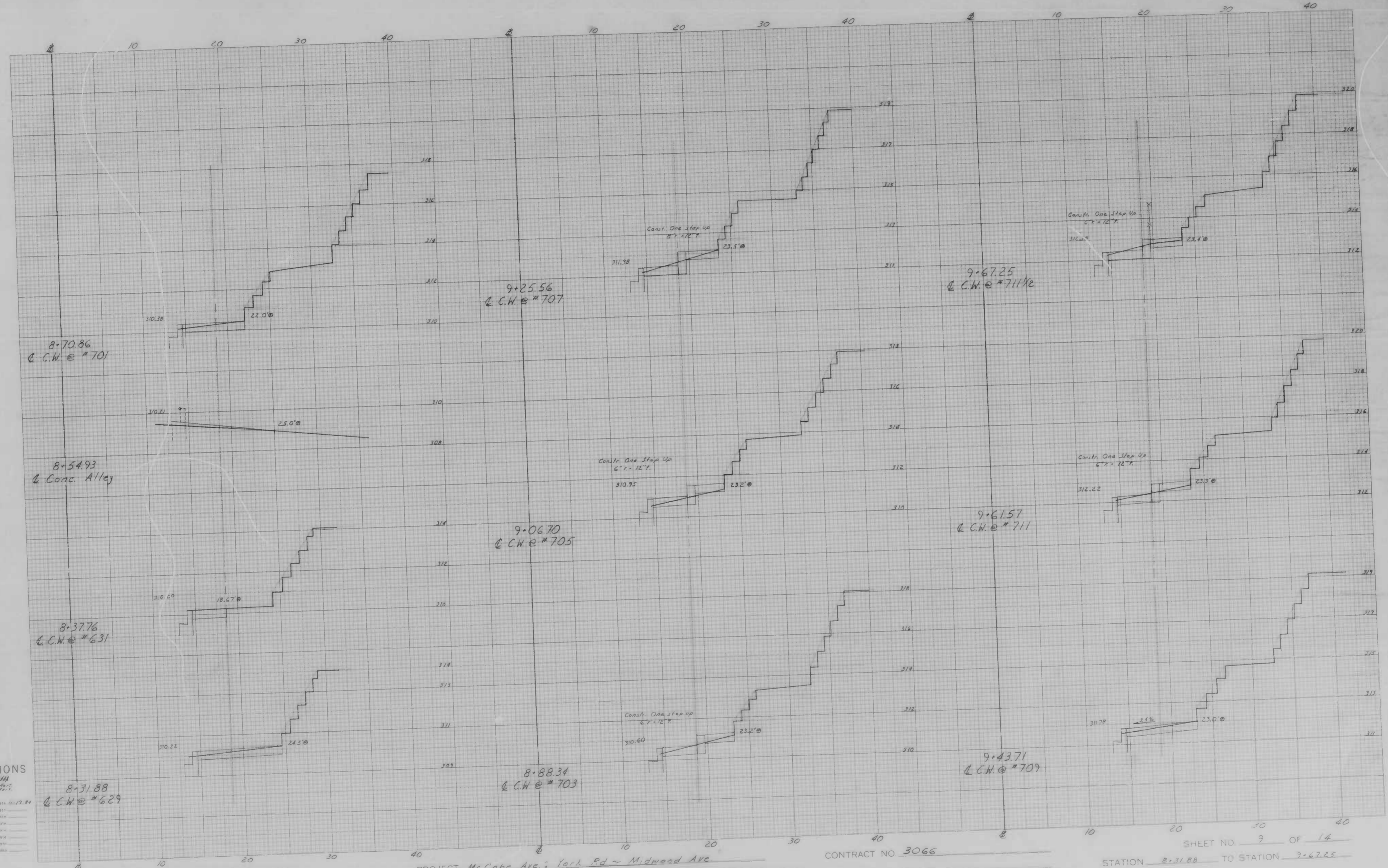
Original Printed by J. Pasberg	Date 11/14/80
Designed/Checked by	Date
Traverse by	Date
Profile Plotted by	Date
Profile Checked by	Date
Area by	Date
Area Checked by	Date

BOOK NO. L-1162, L-1176

PROJECT McCabe Ave. York Rd. ~ Midwood Ave
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 8 OF 14
 STATION 5-69.49 TO STATION 8-12.17



CROSS SECTIONS

Scale 1 inch = 10 feet
 Original Plotted by S. Farburg Date 11-13-51
 Original Checked by _____ Date _____
 Template by _____ Date _____
 Area by _____ Date _____
 Profile Plotted by _____ Date _____
 Points Checked by _____ Date _____
 Area Checked by _____ Date _____

8-31.88
 C.W. # 629

8-37.76
 C.W. # 631

8-54.93
 Conc. Alley

8-70.86
 C.W. # 701

8-88.34
 C.W. # 703

9-06.70
 C.W. # 705

9-25.56
 C.W. # 707

9-43.71
 C.W. # 709

9-61.57
 C.W. # 711

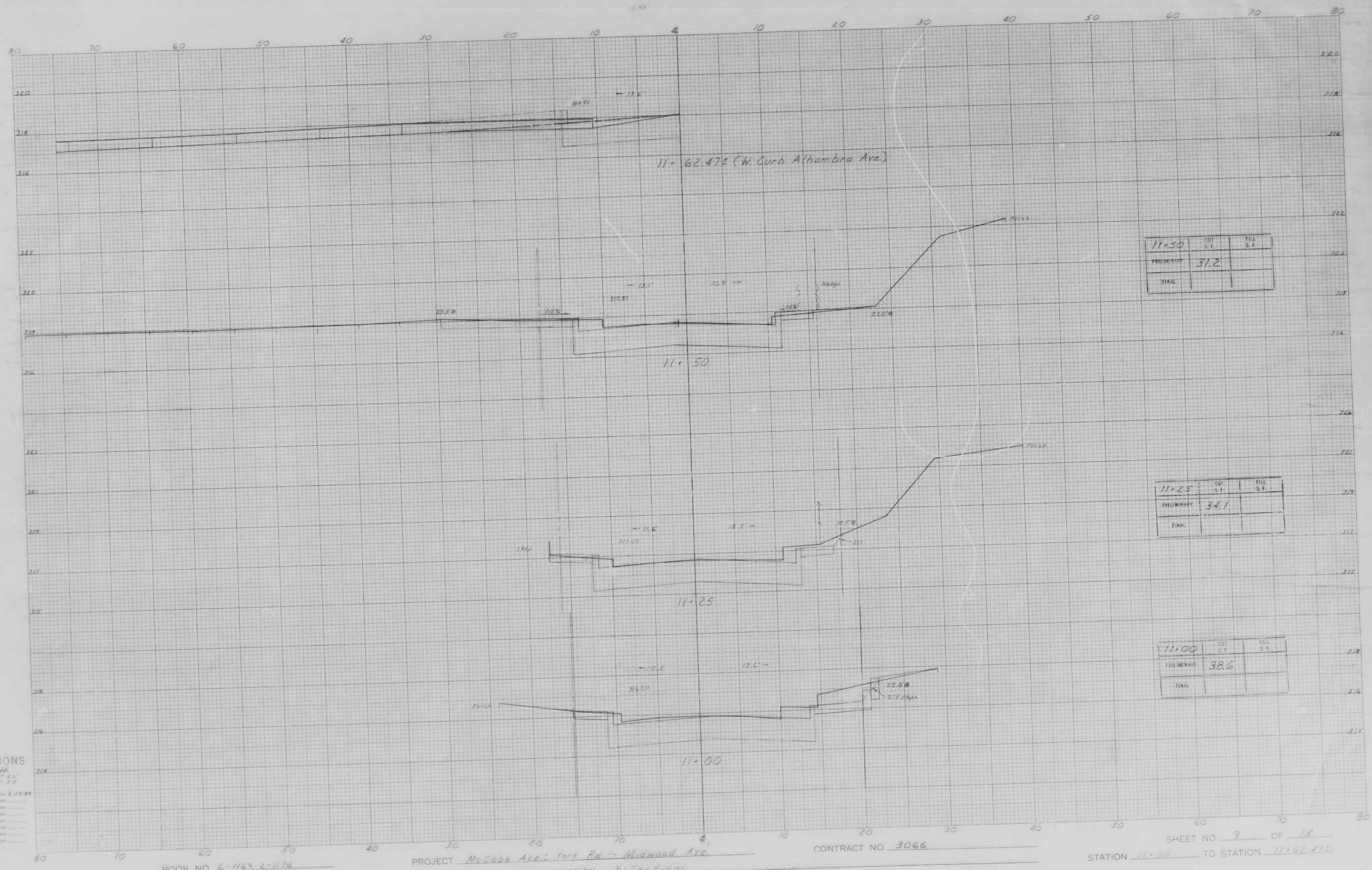
9-67.25
 C.W. # 711 1/2

BOOK NO. L-1169, L-1176

PROJECT McCabe Ave. York Rd ~ Midwood Ave.
 DESCRIPTION Studies along Right Side

CONTRACT NO 3066

SHEET NO 9 OF 14
 STATION 8-31.88 TO STATION 9-67.25



11+50	CUT S.F.	FILL S.F.
PRELIMINARY	31.2	
FINAL		

11+25	CUT S.F.	FILL S.F.
PRELIMINARY	34.1	
FINAL		

11+00	CUT S.F.	FILL S.F.
PRELIMINARY	38.6	
FINAL		

CROSS SECTIONS

Scale 1 inch = 10 feet
 Horizontal S.C.
 Vertical S.C.

Original Plotted by J. F. ...
 Checked by ...
 Date ...

BOOK NO. 4-1163 4-1176

PROJECT McCabe Ave; York Rd - Midwood Ave.
 DESCRIPTION X-Sections

CONTRACT NO 3066

SHEET NO 9 OF 15
 STATION 11+00 TO STATION 11+62.47



CROSS SECTIONS

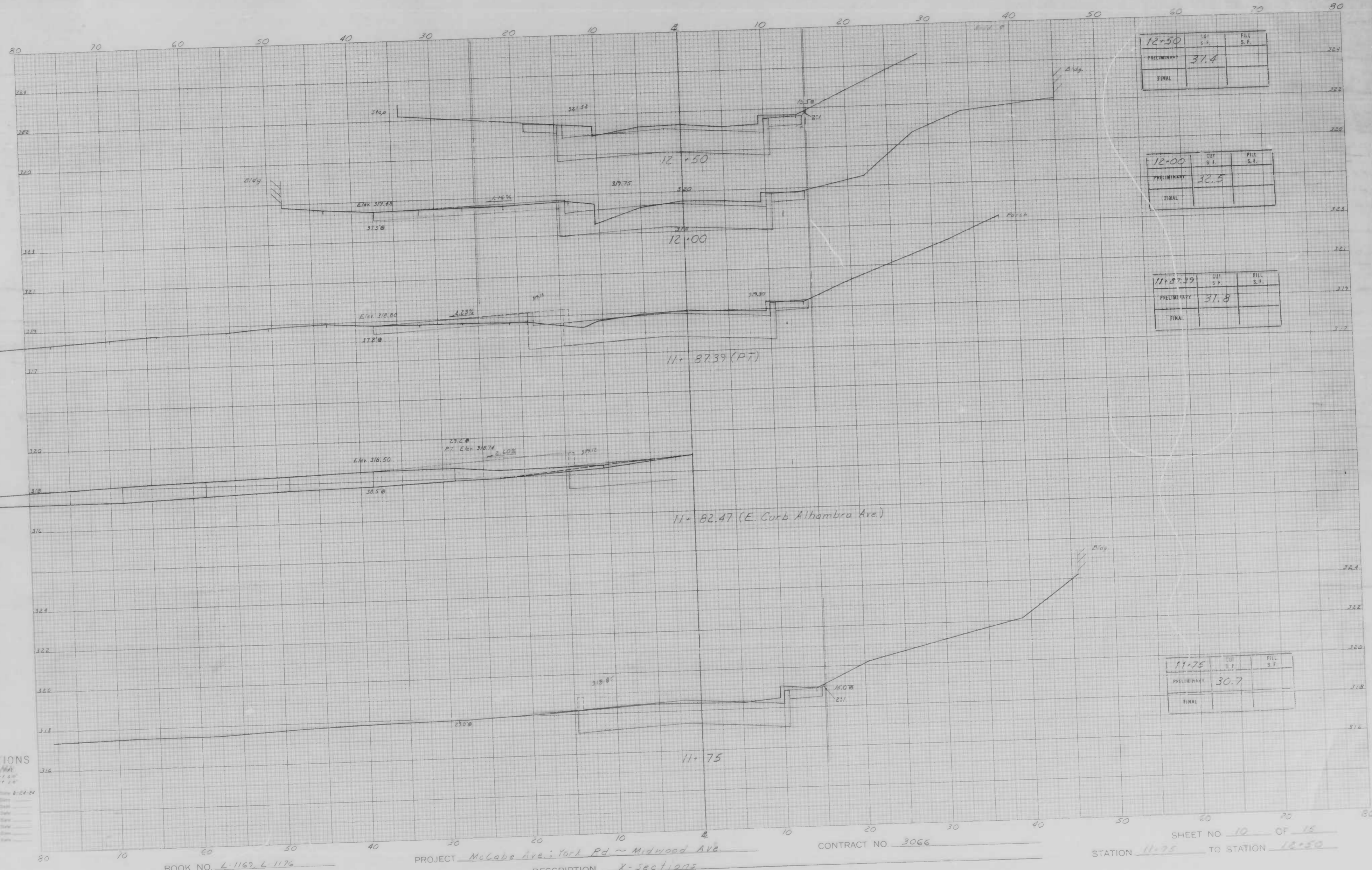
Scale 1 inch = 10' HORIZ
 1" = 2' VERT
 Original Plotted by S. Halberg Date 11-20-24
 Original Checked by _____ Date _____
 Template by _____ Date _____
 Plotted by _____ Date _____
 Plotted Checked by _____ Date _____
 Area by _____ Date _____
 Area Checked by _____ Date _____

BOOK NO. L-1163, L-1176

PROJECT McCabe Ave. York Rd ~ Midwood Ave.
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 10 OF 14
 STATION 9+84.26 TO STATION 11+01.55



12+50	CUT S.F.	FILL S.F.
PRELIMINARY	31.4	
FINAL		

12+00	CUT S.F.	FILL S.F.
PRELIMINARY	32.5	
FINAL		

11+87.39	CUT S.F.	FILL S.F.
PRELIMINARY	31.8	
FINAL		

11+75	CUT S.F.	FILL S.F.
PRELIMINARY	30.7	
FINAL		

CROSS SECTIONS

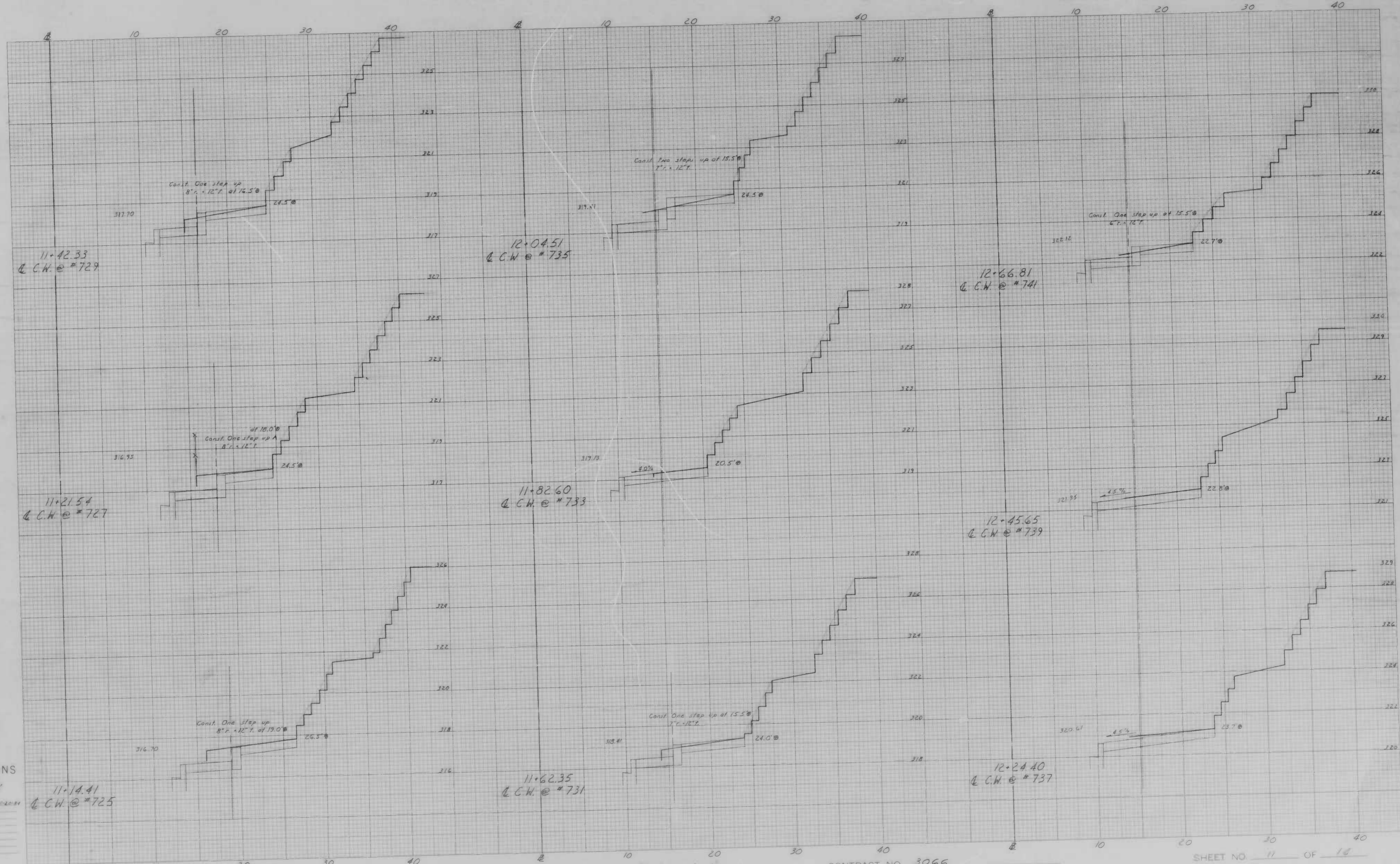
Scale 1 inch = 20 feet
 Original Plan by S. Koberg
 Original Checked by
 Prepared by
 Plotted by
 Field Checked by
 Area Checked by

BOOK NO. L-1169, L-1176

PROJECT McLabe Ave. York Rd ~ Midwood Ave
 DESCRIPTION X-sections

CONTRACT NO. 3066

SHEET NO. 19 OF 18
 STATION 11+75 TO STATION 12+50



CROSS SECTIONS

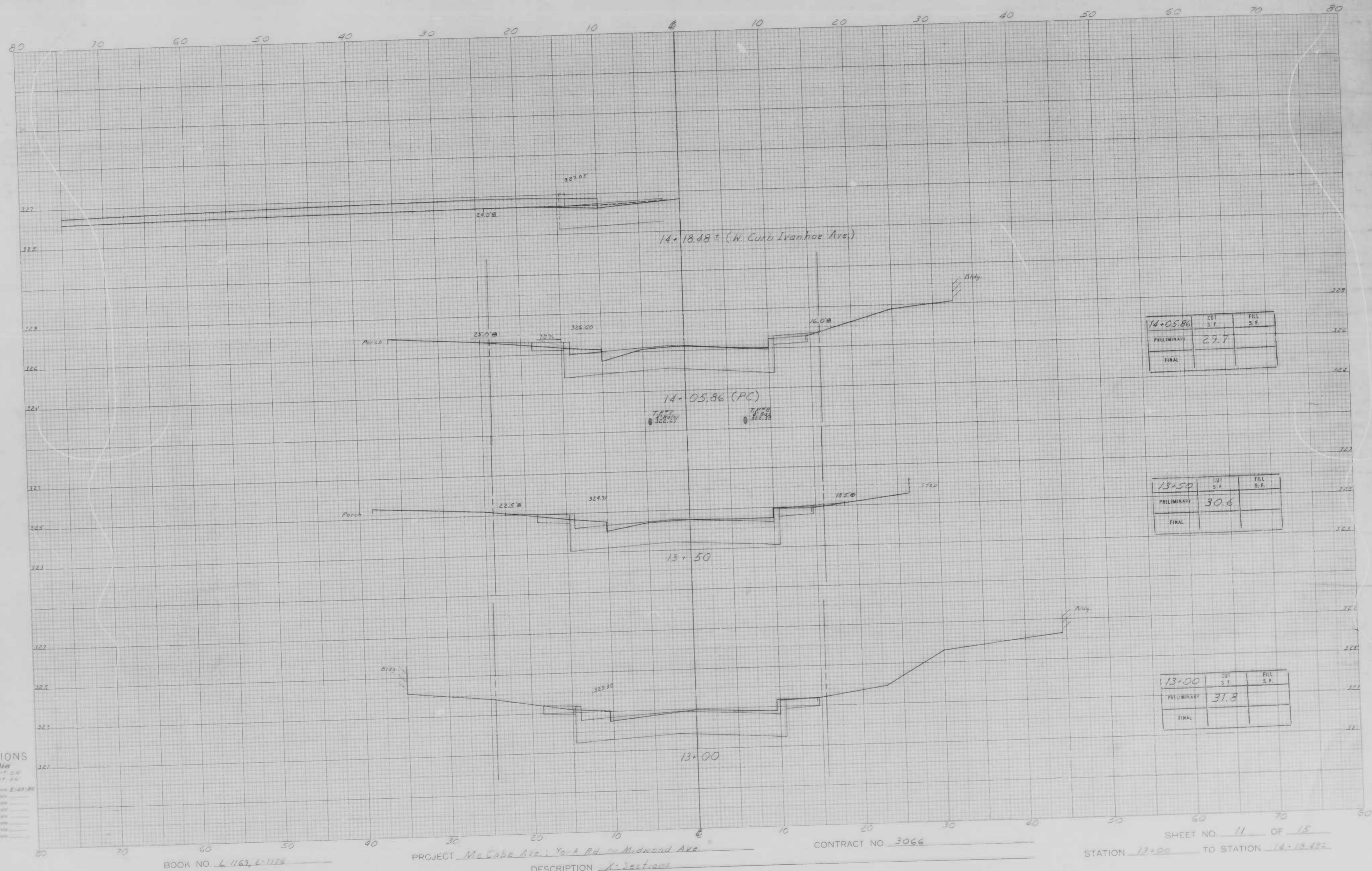
Scale 1 inch = 10 feet
 1/8" = 1 foot
 1/4" = 2 feet
 1/2" = 4 feet
 3/4" = 6 feet
 1" = 8 feet
 1 1/4" = 10 feet
 1 1/2" = 12 feet
 1 3/4" = 14 feet
 2" = 16 feet
 2 1/4" = 18 feet
 2 1/2" = 20 feet
 2 3/4" = 22 feet
 3" = 24 feet
 3 1/4" = 26 feet
 3 1/2" = 28 feet
 3 3/4" = 30 feet
 4" = 32 feet
 4 1/4" = 34 feet
 4 1/2" = 36 feet
 4 3/4" = 38 feet
 5" = 40 feet

BOOK NO. L-1169, L-1176

PROJECT McCabe Ave. York Rd ~ Midwood Ave
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 11 OF 14
 STATION 11+14.41 TO STATION 12-66.81



14+05.86	CUT S.F.	FILL S.F.
PRELIMINARY	29.7	
FINAL		

13+50	CUT S.F.	FILL S.F.
PRELIMINARY	30.6	
FINAL		

13+00	CUT S.F.	FILL S.F.
PRELIMINARY	31.3	
FINAL		

CROSS SECTIONS

Scale 1 inch = 10 feet
 1/4" = 5.0'
 1/8" = 2.5'

Designed by: E. J. ...
 Original Checked by: ...
 Checked by: ...
 Area by: ...
 Placed by: ...
 Final Checked by: ...
 Area by: ...
 Area Checked by: ...

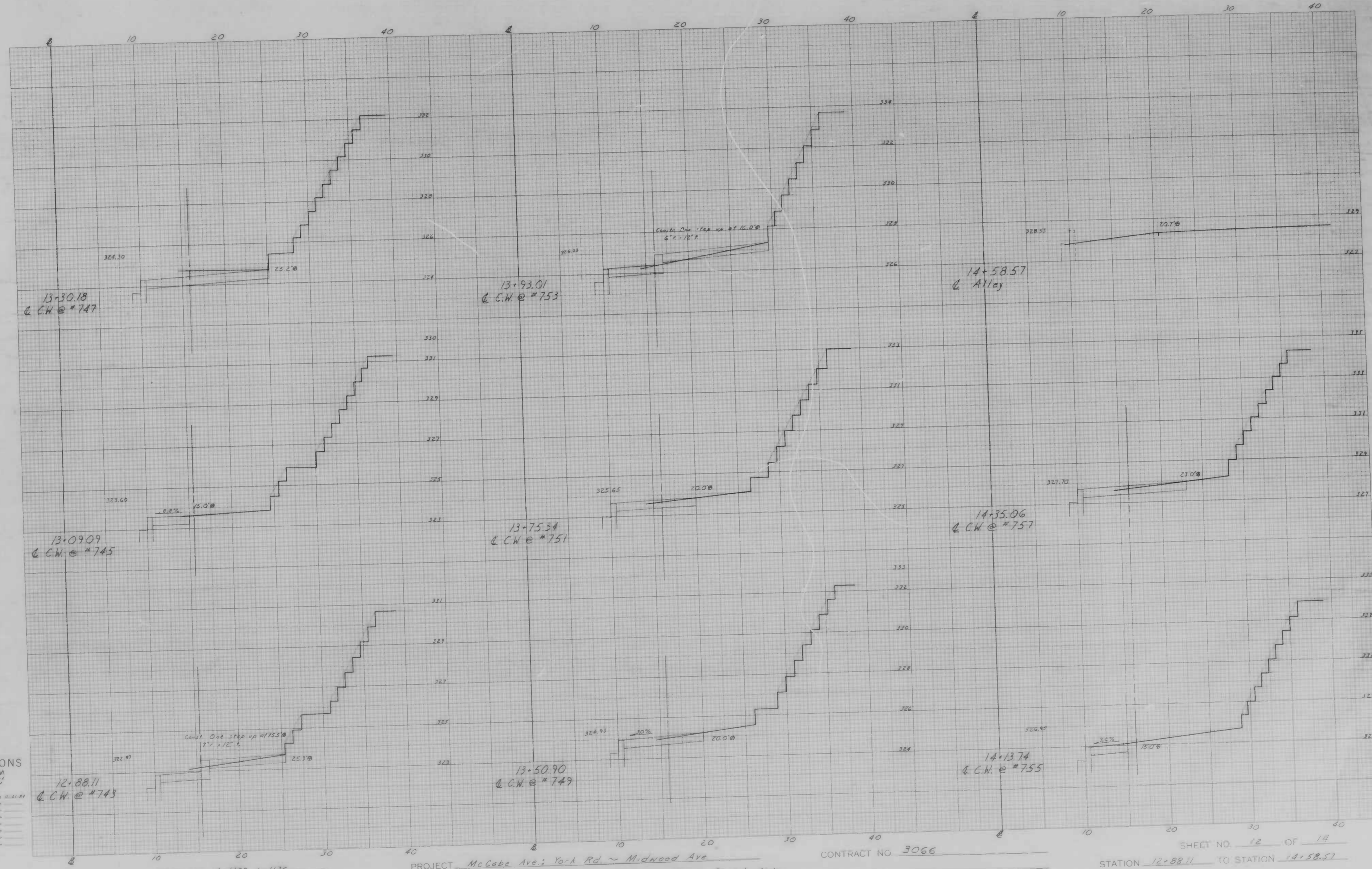
BOOK NO. L-1163, L-1178

PROJECT Ma Cobe Ave; Ya-t Rd. - Midwood Ave

DESCRIPTION X-Sections

CONTRACT NO. 3066

SHEET NO. 11 OF 15
 STATION 13+00 TO STATION 14+18.48



CROSS SECTIONS
 Scale 1 inch = 10 feet
 Original Plotted by J. Kazdyg Date 10/21/47
 Original Checked by _____ Date _____
 Transferred by _____ Date _____
 Area by _____ Date _____
 Final Plotted by _____ Date _____
 Final Checked by _____ Date _____
 Area by _____ Date _____

12+88.11
 @ C.W. @ #743

13+50.90
 @ C.W. @ #747

14+13.74
 @ C.W. @ #755

13+93.01
 @ C.W. @ #753

14+58.57
 @ Alley

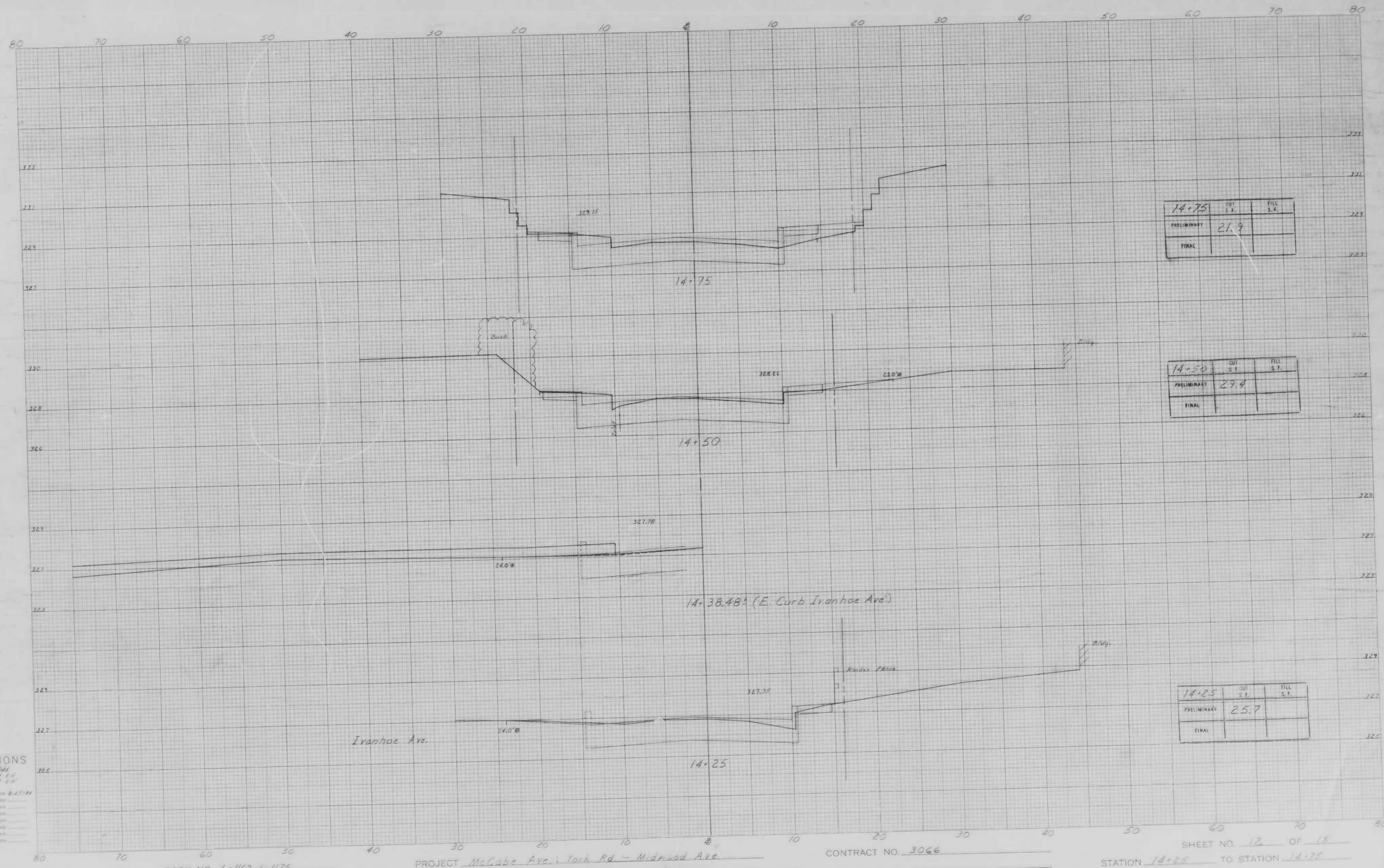
14+35.06
 @ C.W. @ #757

BOOK NO. L-1163, L-1176

PROJECT McCabe Ave; York Rd ~ Midwood Ave
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 12 OF 14
 STATION 12+88.11 TO STATION 14+58.57



14+75	CUT S.F.	FILL S.F.
PRELIMINARY	21.9	
FINAL		

14+50	CUT S.F.	FILL S.F.
PRELIMINARY	29.4	
FINAL		

14+25	CUT S.F.	FILL S.F.
PRELIMINARY	25.7	
FINAL		

CROSS SECTIONS

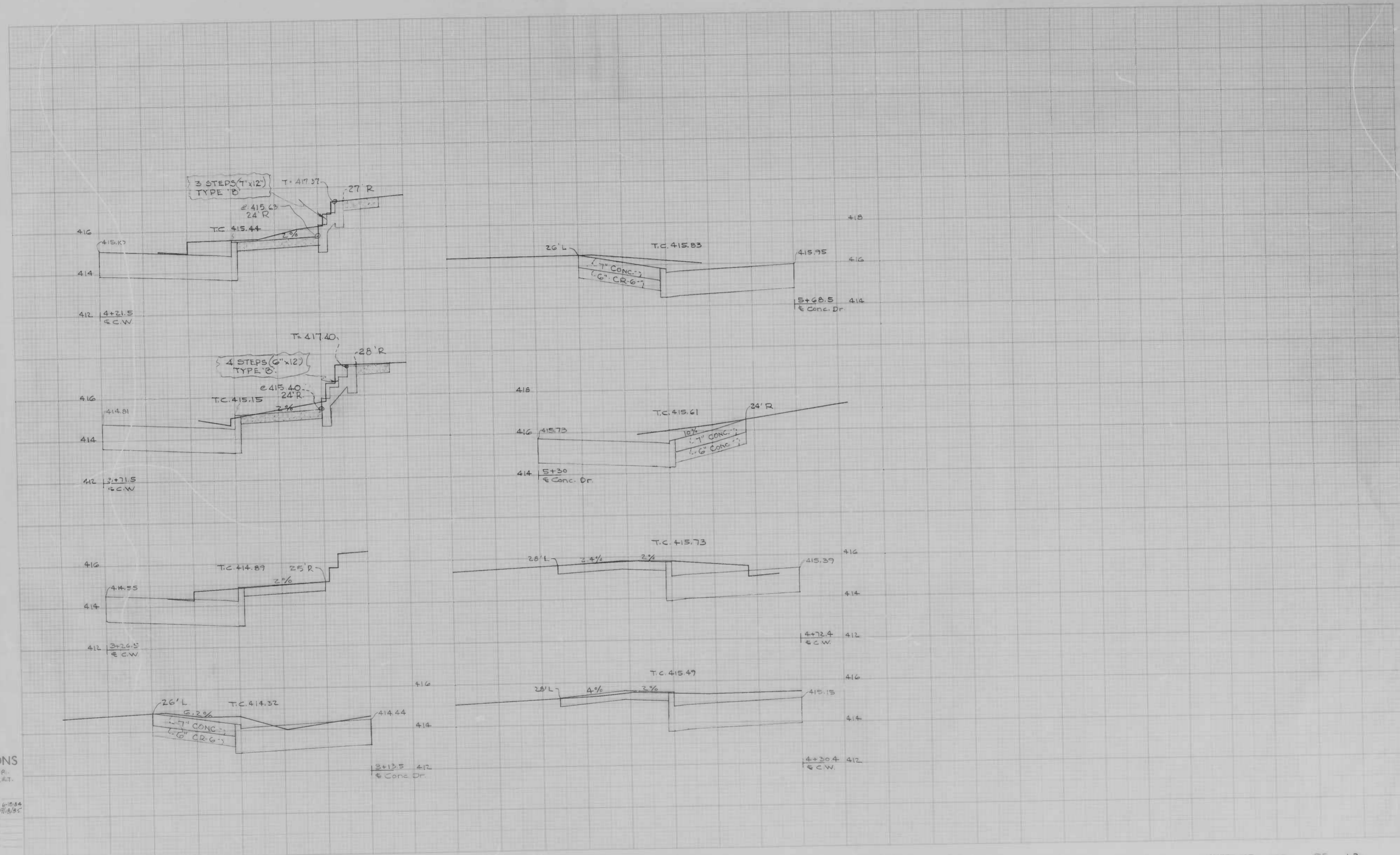
Scale 1 inch = 10 feet
 Vertical Scale 1 inch = 2 feet
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 Original Checked by [unclear]
 Transferred by [unclear]
 Checked by [unclear]
 Plotted by [unclear]
 Checked by [unclear]
 Area by [unclear]
 Area by [unclear]
 Area by [unclear]

BOOK NO. 4-1167, 4-1176

PROJECT McCabe Ave. York Rd. - Midwood Ave.
 DESCRIPTION X-Sections

CONTRACT NO. 3066

SHEET NO. 12 OF 15
 STATION 14+25 TO STATION 14+75



CROSS SECTIONS
Scale 1 inch = 5' Hor.
2' Vert.

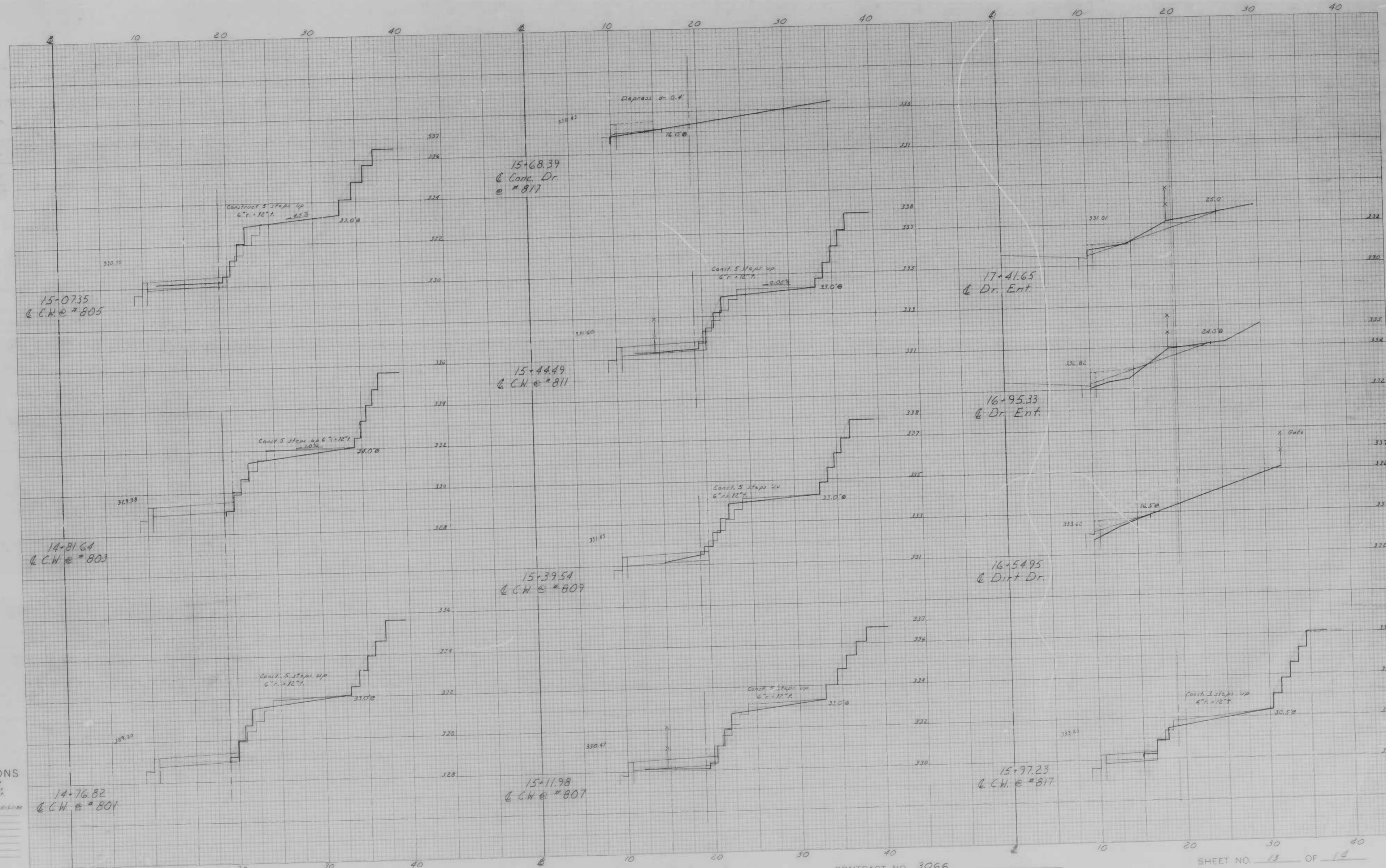
Designed By	SKB
Checked By	C
Date	6-23-34
Project No.	3061
Sheet No.	13
Drawn By	
Checked By	
Date	
Project	
Sheet	
Drawn	
Checked	

BOOK NO. L-1158

PROJECT AYRDALE AVE.
DESCRIPTION WALKS & ENTRANCES

CONTRACT NO. 3061

STATION SHEET NO. 13 OF 13
TO STATION



CROSS SECTIONS

Scale 1 inch = 10 feet
 20 feet

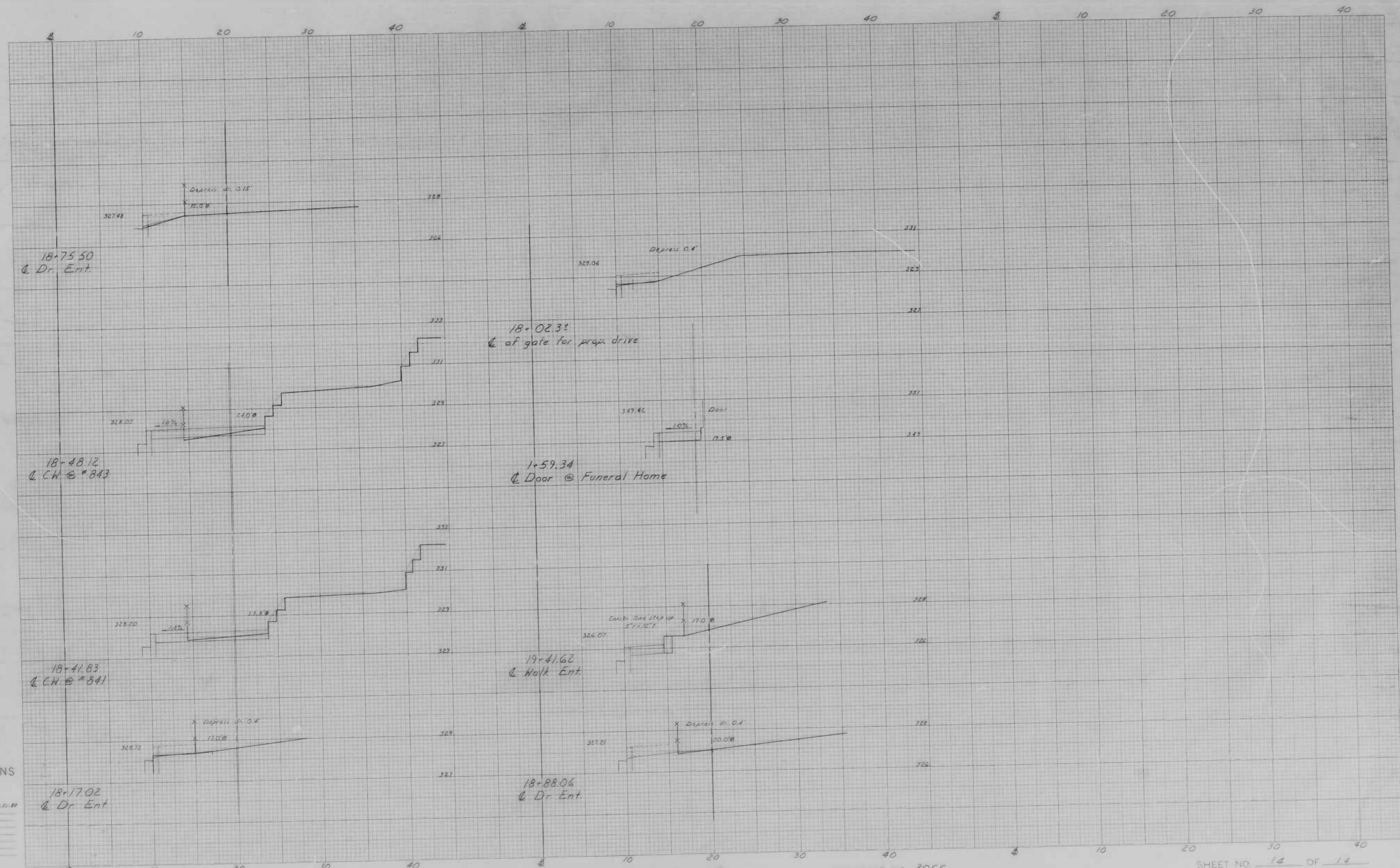
Original Plotted by	L. H. Burg	Date	10/2/58
Checked by		Date	
Designed by		Date	
Drawn by		Date	
Field Checked by		Date	
Area Checked by		Date	

BOOK NO. L-1169, L-1176

PROJECT McCabe Ave; York Rd ~ Midwood Ave
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 13 OF 14
 STATION 14-76.82 TO STATION 17-41.65



CROSS SECTIONS

Scale 1 inch = 10 feet

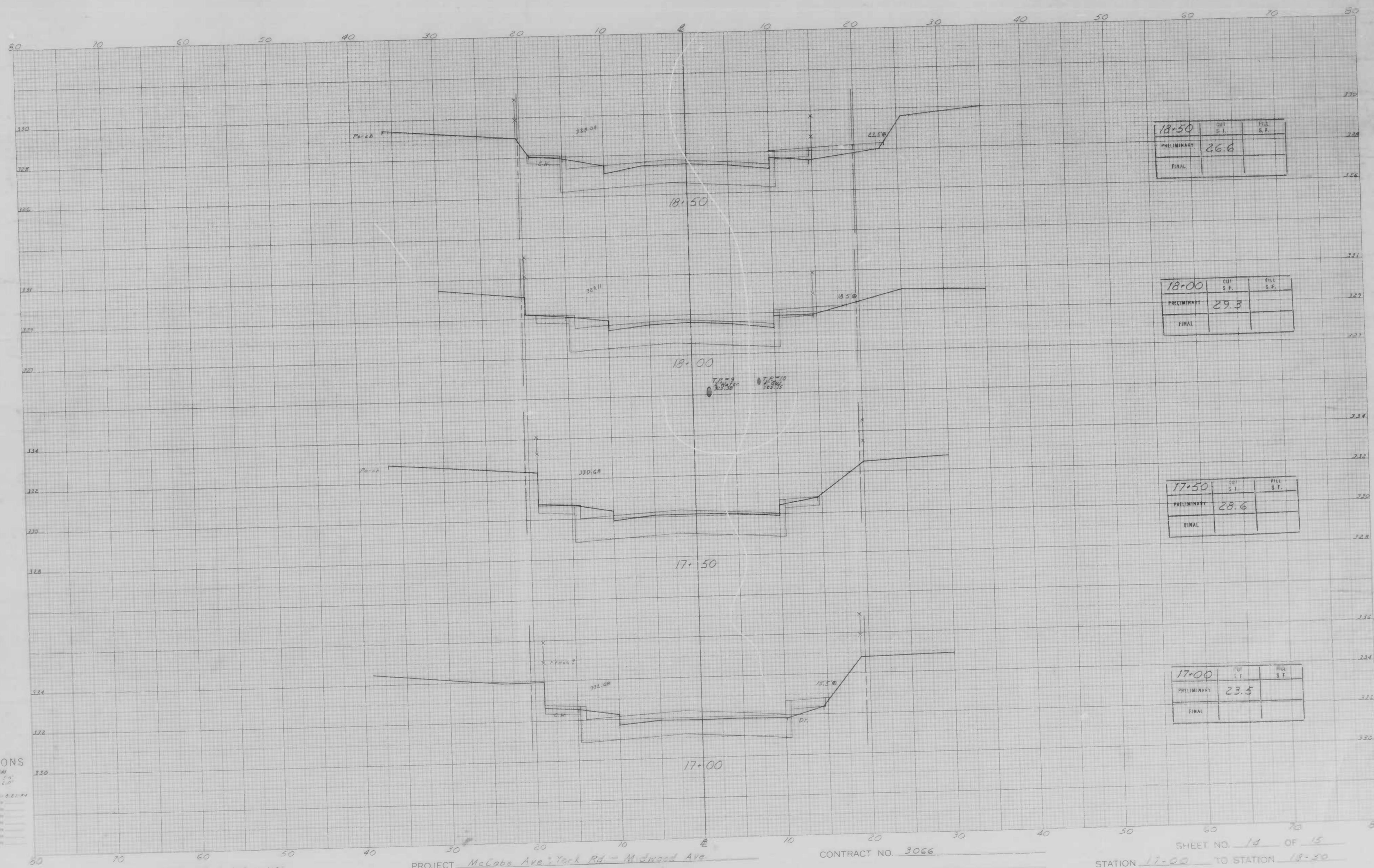
Original Plotted by J. K. Kilday Date 11-21-88
 Original Checked by _____ Date _____
 Template by _____ Date _____
 Area by _____ Date _____
 Plans Checked by _____ Date _____
 Area by _____ Date _____
 Area Checked by _____ Date _____

BOOK NO. L-1162, L-1176

PROJECT McCabe Ave. York Rd ~ Midwood Ave
 DESCRIPTION Studies along Right Side

CONTRACT NO. 3066

SHEET NO. 14 OF 14
 STATION 18-17.02 TO STATION 19-41.62



CROSS SECTIONS

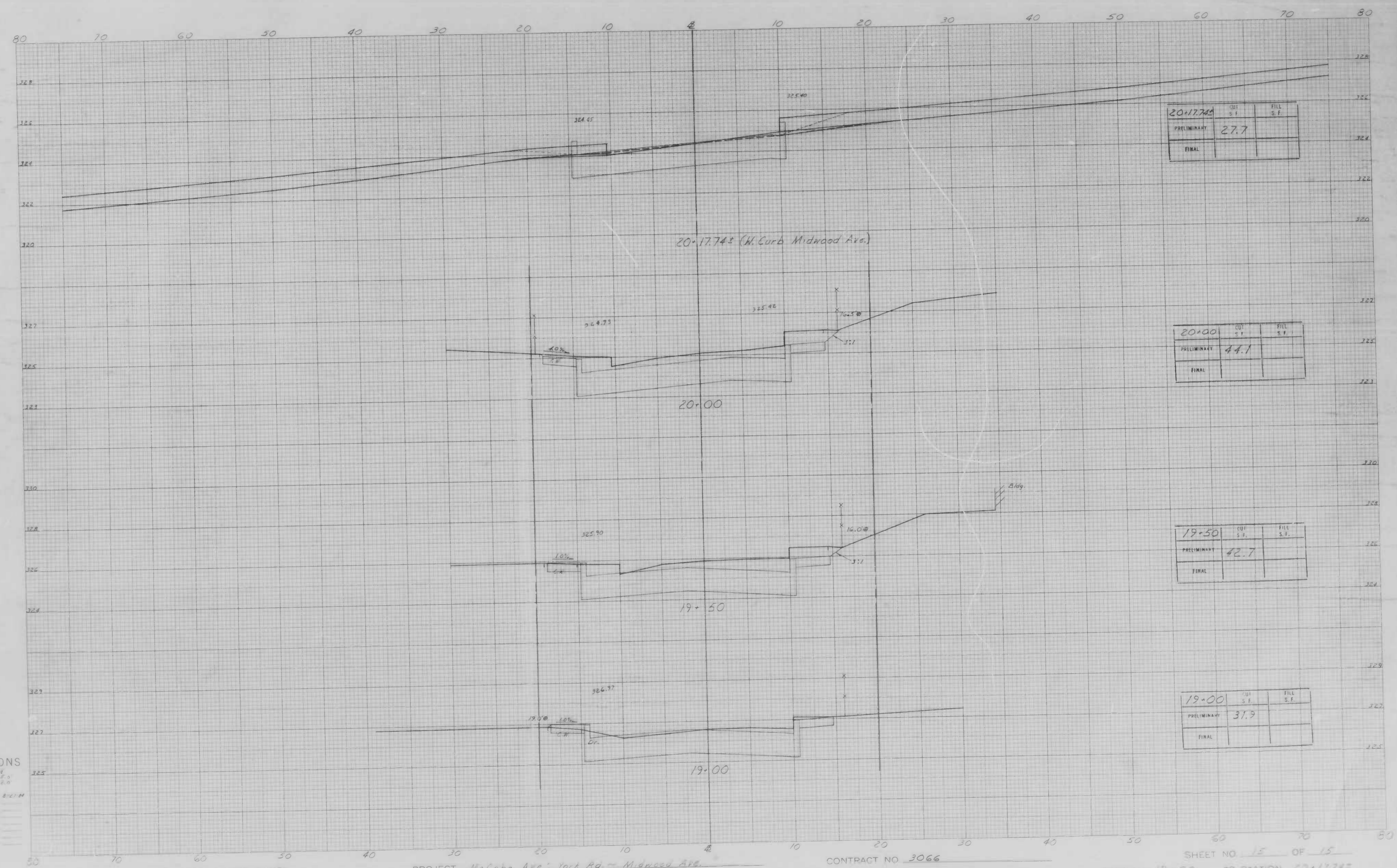
Scale 1 inch = 10 feet
 Original Plotted by: J. J. [unclear]
 Original Checked by: [unclear]
 Area by: [unclear]
 Plotted by: [unclear]
 Plotted Checked by: [unclear]
 Area by: [unclear]
 Area Checked by: [unclear]

BOOK NO. L-1163 6-1176

PROJECT McCabe Ave; York Rd - Midwood Ave
 DESCRIPTION X-sections

CONTRACT NO. 3066

SHEET NO. 14 OF 15
 STATION 17+00 TO STATION 18+50



CROSS SECTIONS

Scale 1 inch = 20' HORIZ.
1" = 2' VERT.

Original Plotted by J. J. Baldery June 21, 1916
Original Checked by _____ Date _____
Submitted by _____ Date _____
Area by _____ Date _____
Plotted by _____ Date _____
Field Checked by _____ Date _____
Made by _____ Date _____
Revised by _____ Date _____