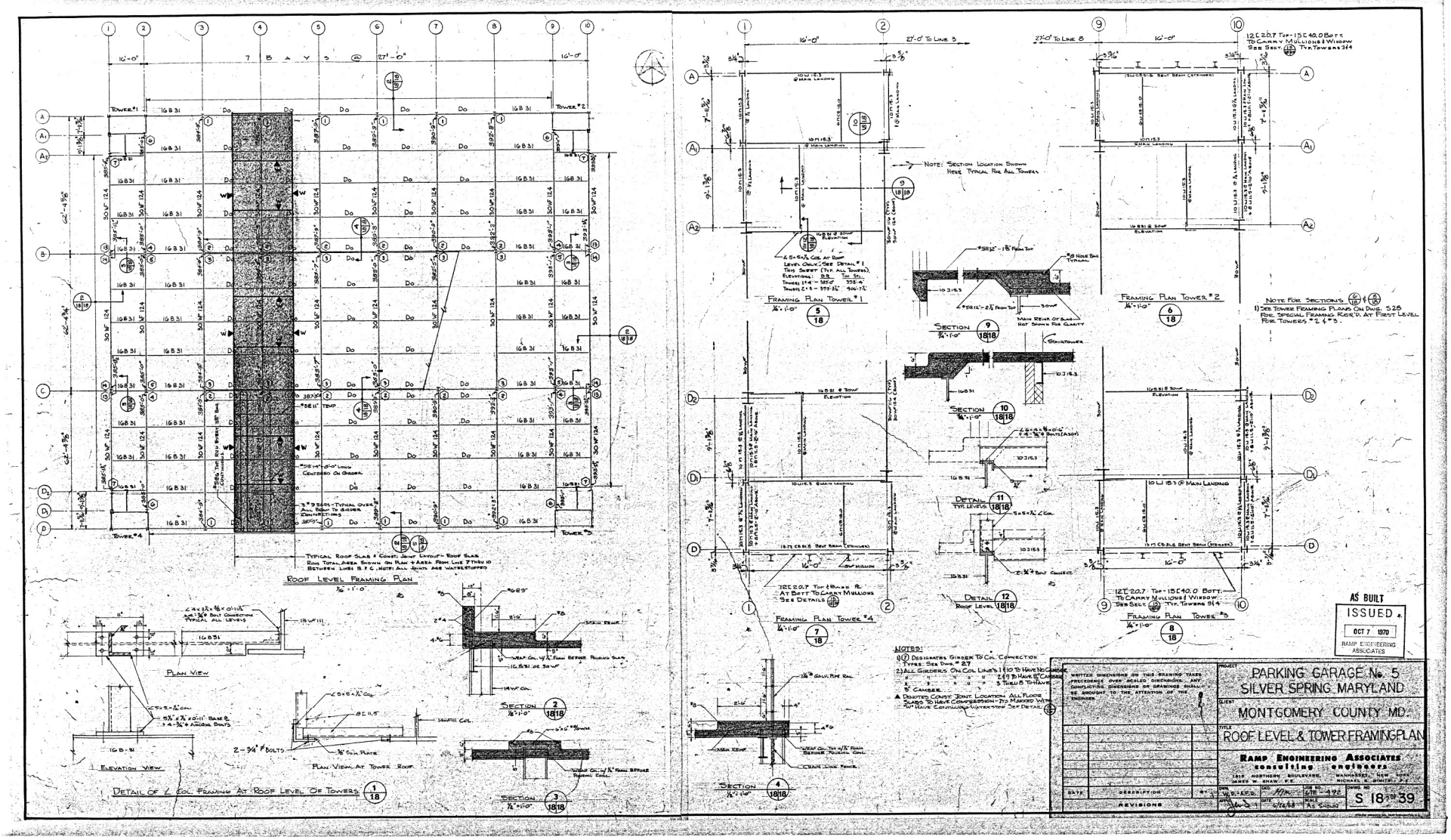
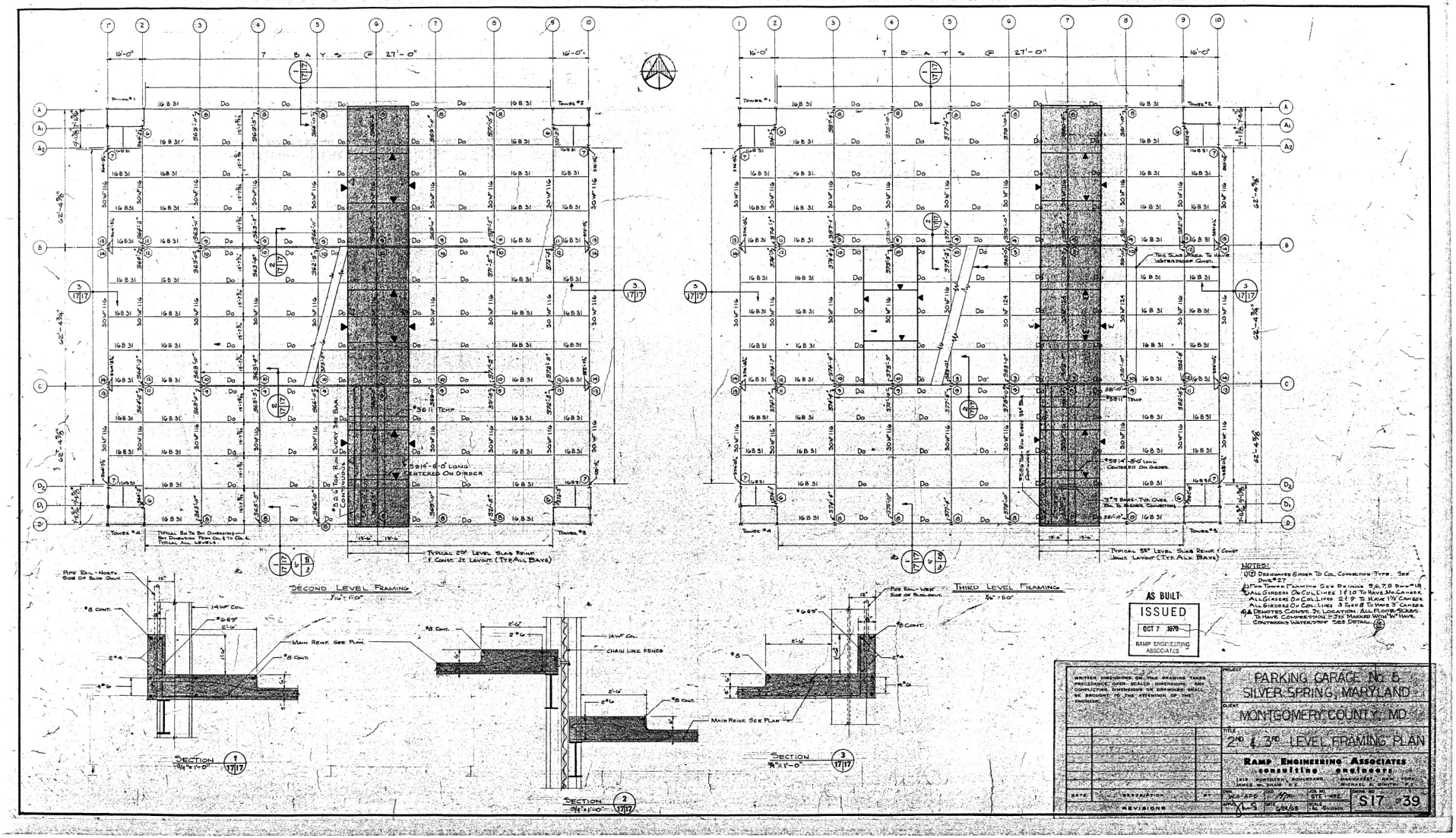

ROOF LEVEL FRAMING PLAN
DETAIL OF ∠ COL. FRAMING AT ROOF LEVEL OF TOWERS
PLAN VIEW
ELEVATION VIEW
PLAN VIEW AT TOWER ROOF
SECTION
FRAMING PLAN TOWER #1
FRAMING PLAN TOWER #2
FRAMING PLAN TOWER #3
FRAMING PLAN TOWER #4
NOTE: SECTION LOCATION SHOWN HERE TYPICAL FOR ALL TOWERS
NOTE FOR SECTIONS
1) SEE TOWER FRAMING PLANS ON DWG. S28 FOR SPECIAL FRAMING REQ'D. AT FIRST LEVEL FOR TOWERS #2 & #3.
NOTES:
1) ⑦ DESIGNATES GIRDER TO COL. CONNECTION TYPES: SEE DWG. #27
2) ALL GIRDERS ON COL. LINES 1 & 10 TO HAVE NO CAMBER
" " " " " 2 & 9 TO HAVE 1½" CAMBER
" " " " " 3 THRU 8 TO HAVE 3" CAMBER
▲ DENOTES CONST. JOINT LOCATION. ALL FLOOR SLABS TO HAVE COMPRESSION - TYP. MARKED WITH "W" HAVE CONTINUOUS WATERSTOP SEE DETAIL
AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES
WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER
PROJECT
PARKING GARAGE No. 5
SILVER SPRING MARYLAND
CLIENT
MONTGOMERY COUNTY MD.
TITLE
ROOF LEVEL & TOWER FRAMING PLAN
RAMP ENGINEERING ASSOCIATES
consulting engineers
1515 NORTHERN BOULEVARD, MANHASSET, NEW YORK
JAMES W. SHAW, P.E. MICHAEL G. DIMITRI, P.E.
DATE
DESCRIPTION
REVISIONS
DWG. W.D.-A.F.B.
CAD. HJK
JOB NO. 67E-492
DATE 6/26/68
SCALE AS SHOWN
DWG. NO. S 18 OF 39



NOTES:
1. Designates Girder To Col. Connection Type. See Det. #27.
2. For Typical Framing See Drawings S6, 7, 8 Dwg. #18.
3. All Girders On Col. Lines 1 & 10 To Have 3/4" Camber. All Girders On Col. Lines 2 & 9 To Have 1 1/2" Camber. All Girders On Col. Lines 3 Thru 8 To Have 3" Camber.
4. Designates Const. Jt. Location. All Floors Scabbled To Have Compressional Jts Marked With "W" Have Continuous Waterstop. See Detail.

AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES

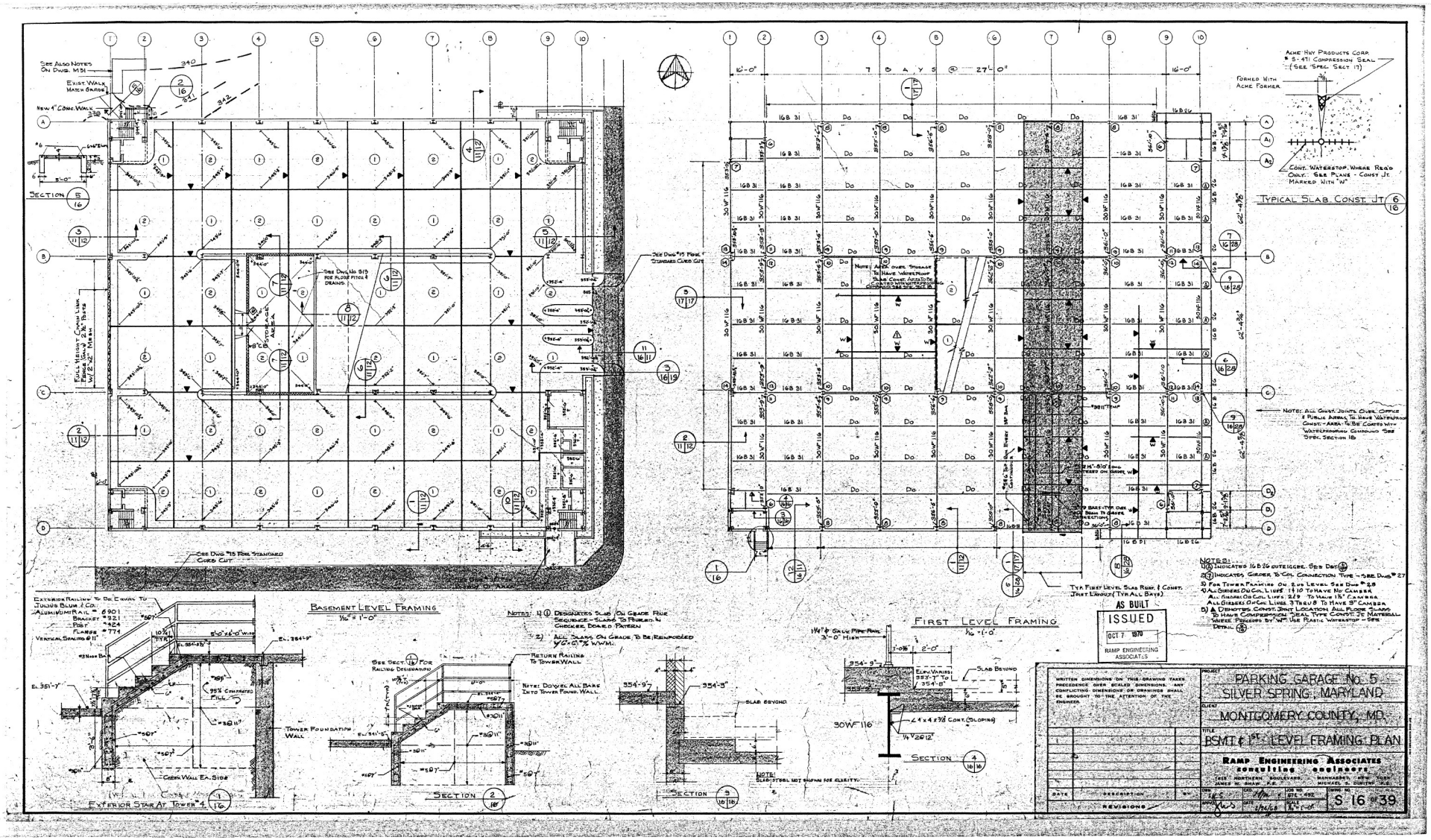
WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

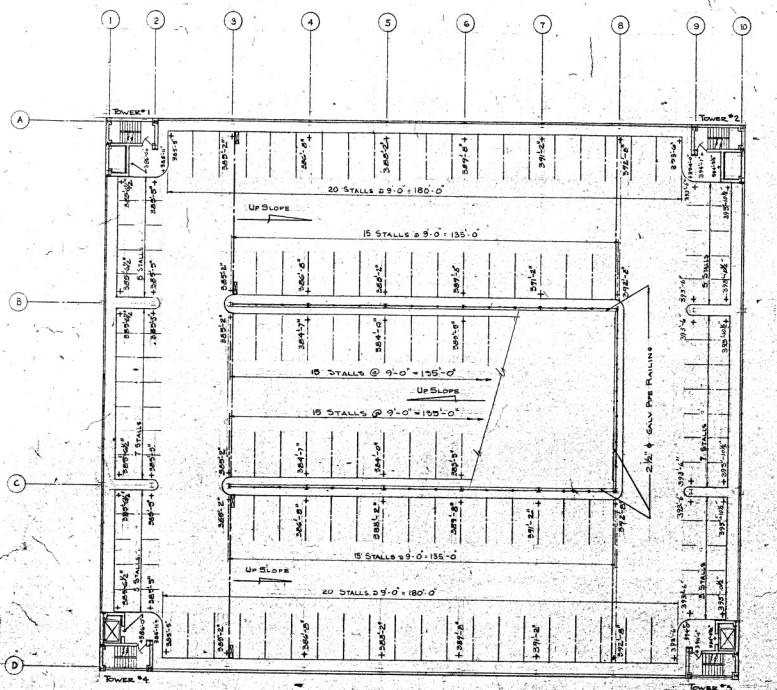
PROJECT: PARKING GARAGE No. 5 SILVER SPRING, MARYLAND
CLIENT: MONTGOMERY COUNTY, MD.
TITLE: 2nd & 3rd LEVEL FRAMING PLAN

RAMP ENGINEERING ASSOCIATES
consulting engineers
1818 NORTHERN BOULEVARD MANHASSET, NEW YORK
JAMES W. SHAW P.E. MICHAEL A. GIUNTA P.E.

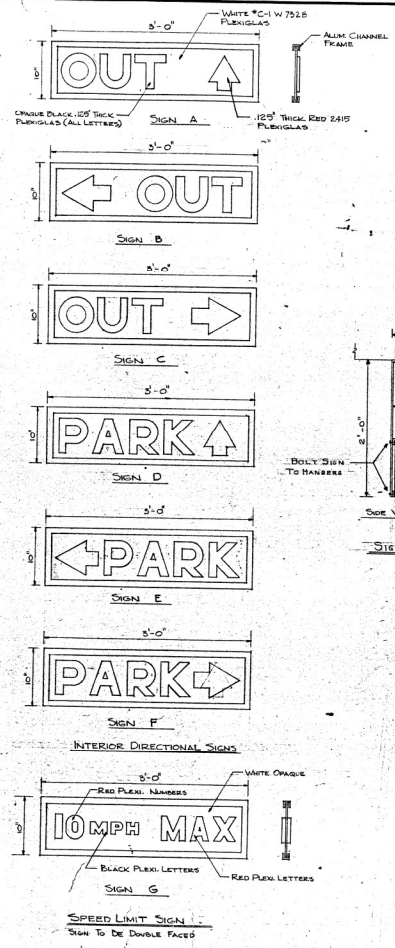
DATE	DESCRIPTION	BY
	REVISIONS	

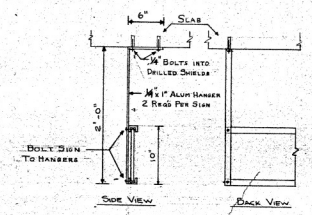
JOB NO. 68-APS | DRAWN BY MM | CHECKED BY STE-MAL | DRAWING NO. S17 of 39
SCALE 1/8"=1'-0" | DATE 6/24/68 | P.E. Engineer


BASEMENT LEVEL FRAMING
1/16" = 1'-0"
FIRST LEVEL FRAMING
1/16" = 1'-0"
TYPICAL SLAB CONST. JT.
EXTERIOR STAIR AT TOWER #4
SECTION
SECTION
SECTION
SECTION
AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES
PARKING GARAGE No. 5
SILVER SPRING, MARYLAND
MONTGOMERY COUNTY, MD.
BSMT & 1ST LEVEL FRAMING PLAN
RAMP ENGINEERING ASSOCIATES
consulting engineers
S 16 of 39



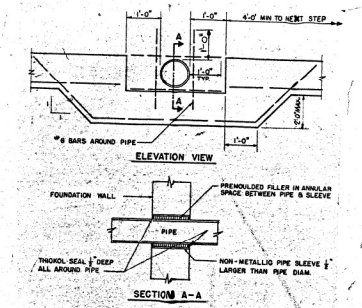
ROOF LEVEL PLAN
1/16" = 1'-0"



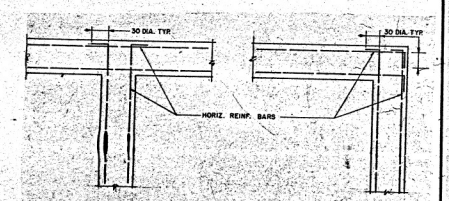


SIGN HANGING DETAIL

S13
S14
Removed
Mike



TYPICAL PIPE RUN THRU FOUNDATION WALL
1/15



TYPICAL LAP DETAIL AT WALL INTERSECTIONS & CORNERS
2/15

AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES

NOTES:
+389'-8" ON THIS DWG. INDICATES TOP OF SLAB.

WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

DATE	DESCRIPTION	BY
	REVISIONS	

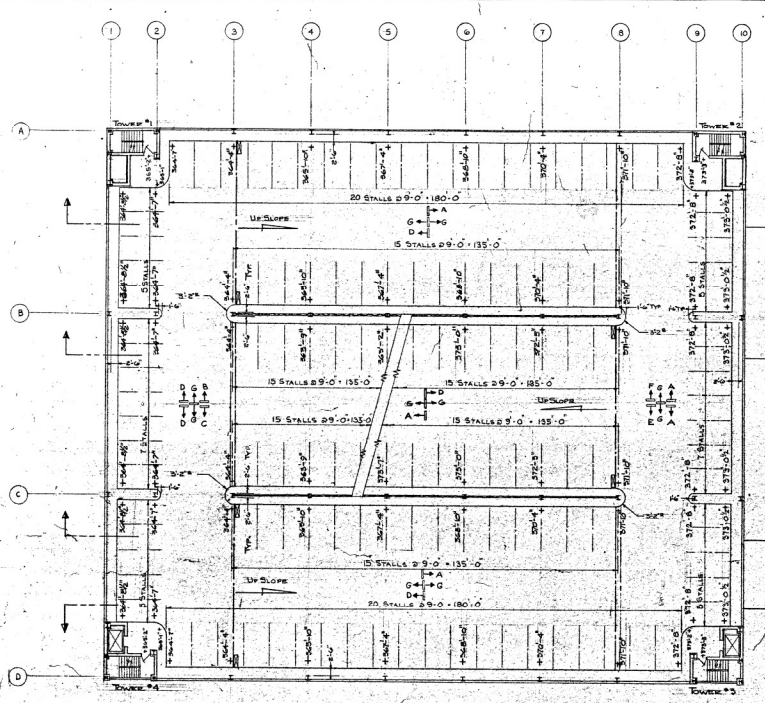
PROJECT: PARKING GARAGE No. 5 SILVER SPRING MARYLAND

CLIENT: MONTGOMERY COUNTY, MD.

TITLE: ROOF LEVEL GENERAL PLAN

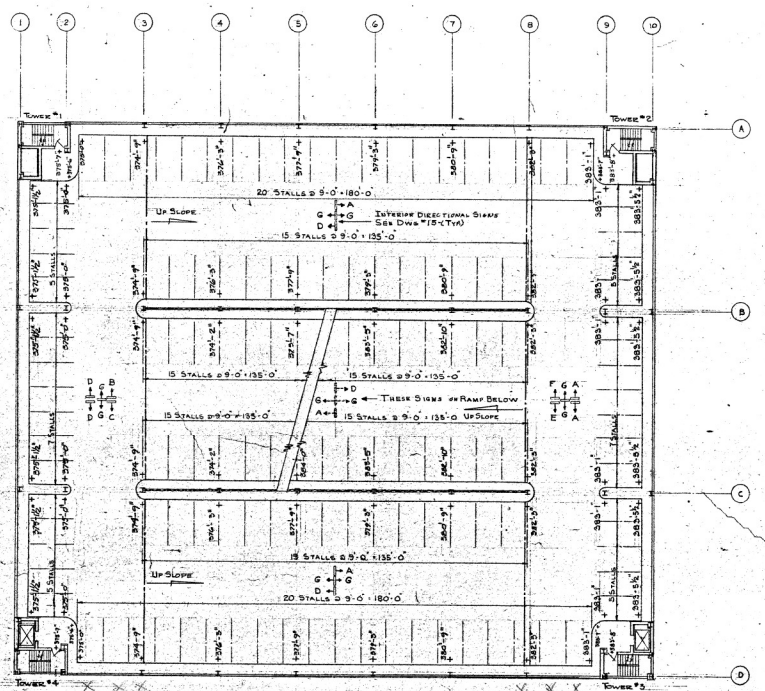
RAMP ENGINEERING ASSOCIATES
consulting engineers
1515 NORTHERN BOULEVARD, MANHASSET, NEW YORK
JAMES W. SHAW P.E. MICHAEL S. DIMITRI P.E.

DWN	CKD	JOB NO.	DWG NO.
[illegible]	[illegible]	67E-492	S 15 OF 39
APPD	DATE	SCALE	
[illegible]	6/24/68	As Shown	

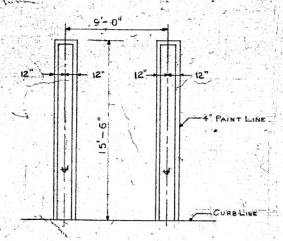


NOTE: SECOND LEVEL PLAN SHOWS TYPICAL CURBING DIMENSIONS & RADII - THESE ARE TYPICAL FOR ALL FLOORS

SECOND LEVEL PLAN
1/16" = 1'-0"



THIRD LEVEL PLAN
1/16" = 1'-0"



TYPICAL 90° STALL PAINTING

AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES

NOTES:
+379'-3" ON THIS DWG. INDICATES TOP OF SLAB ELEV.

WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

DATE	DESCRIPTION	BY
	REVISIONS	

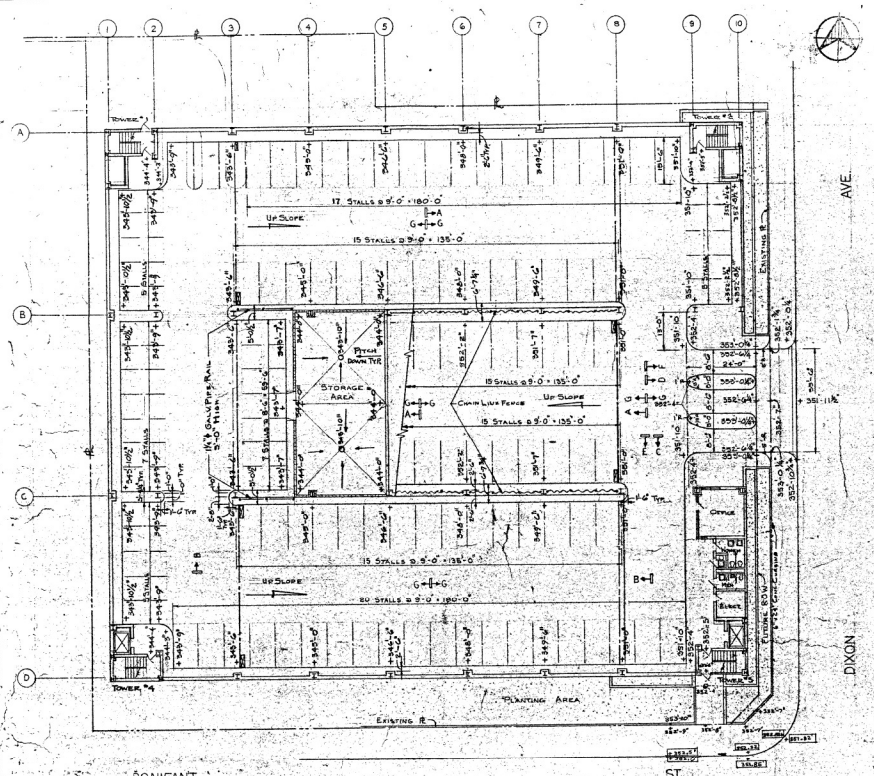
PROJECT: PARKING GARAGE No. 5 SILVER SPRING, MARYLAND

CLIENT: MONTGOMERY COUNTY, MD.

TITLE: 2ND & 3RD LEVEL GENERAL PLAN

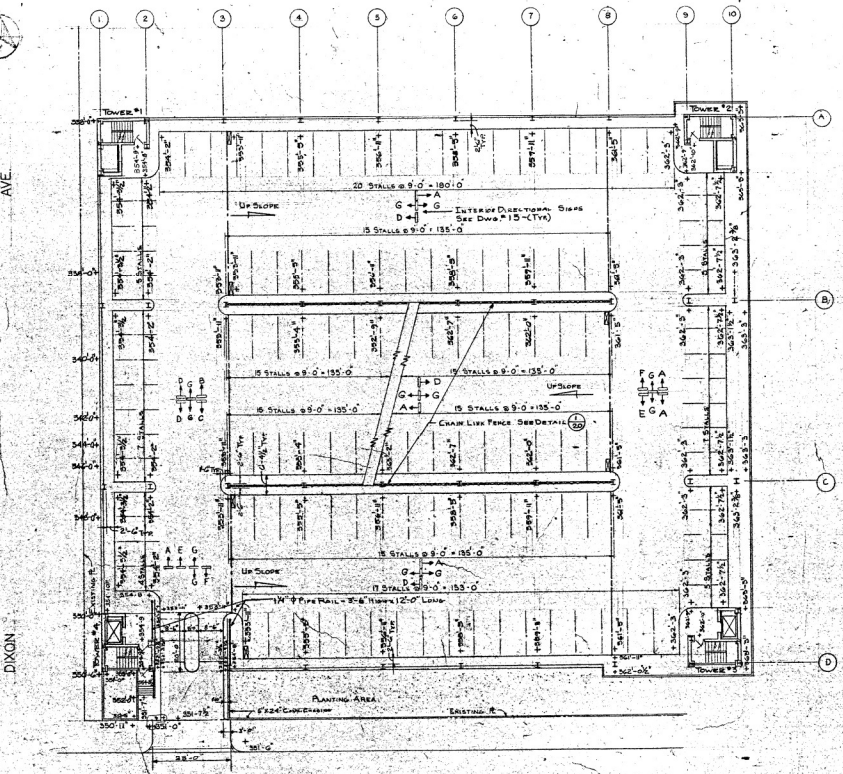
RAMP ENGINEERING ASSOCIATES
consulting engineers
1515 NORTHERN BOULEVARD, MANHASSET, NEW YORK
JAMES M. SHAW, P.E. MICHAEL G. DUMITRI, P.E.

DRN.	CHK.	JOB NO.	DWG. NO.
Schwick	MMW	GTC-682	S 14 OF 39
APPD. JWS	DATE 6/24/68	SCALE 1/16" = 1'-0"	



BASEMENT LEVEL PLAN

1/16" = 1'-0"



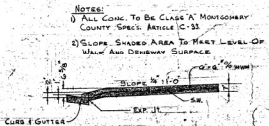
FIRST LEVEL PLAN

1/16" = 1'-0"

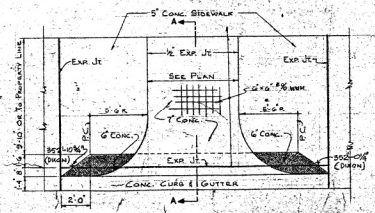
AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES

NOTES:
+358'-8" ON THIS DWG. INDICATES TOP OF SLAB ELEV.

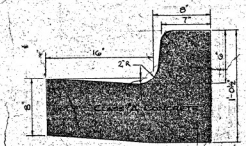
NOTES:
1) ALL CONC. TO BE CLASS 'A' MONTGOMERY COUNTY SPEC'S. ARTICLE 1C-33
2) SLOPE SHADED AREA TO MEET LEVEL OF WALK AND DRIVEWAY SURFACE.



SECTION A-A



DRIVE & CURB CUT 1/13



COMBINATION CONCRETE CURB & GUTTER 2/13
STANDARD 10.1-A, MONTGOMERY COUNTY, MD.

PARKING GARAGE No. 5
SILVER SPRING, MARYLAND

MONTGOMERY COUNTY, MD.

BSMT. & 1ST. LEVEL GENERAL PLAN

RAMP ENGINEERING ASSOCIATES
consulting engineers
1019 NORTHERN BOULEVARD — MANHASSET, NEW YORK
JAMES W. RAMP, P.E. — MICHAEL M. DONITZ, P.E.

DATE: 6-3-70 | JOB NO. RAE-492 | DWG. NO. S 13 of 39

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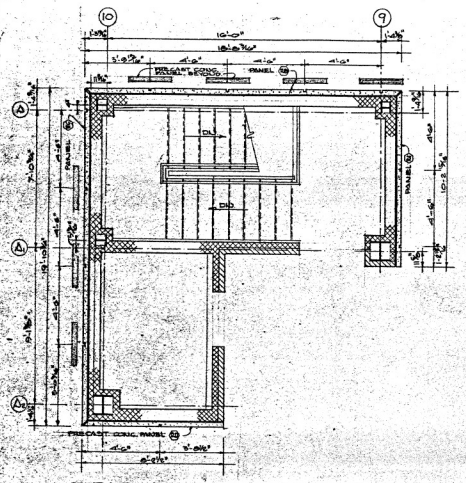
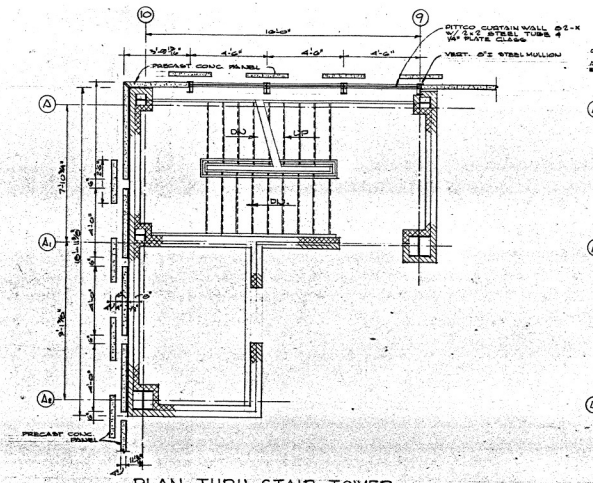
REVISIONS
DATE | DESCRIPTION



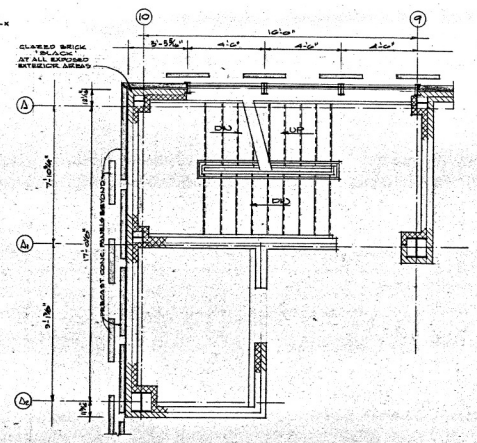
PLAN THRU STAIR TOWER AT ROOF

SCALE : 3/16" = 1'-0"



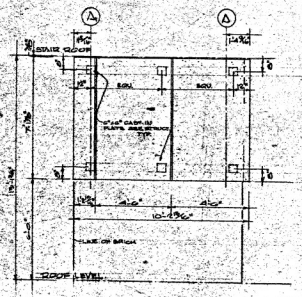
PLAN THRU STAIR TOWER AT TYPICAL FLOOR

SCALE : 3/16" = 1'-0"



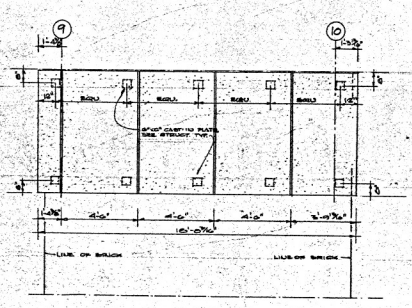
PLAN THRU STAIR TOWER THRU BRICK

SCALE : 3/16" = 1'-0"



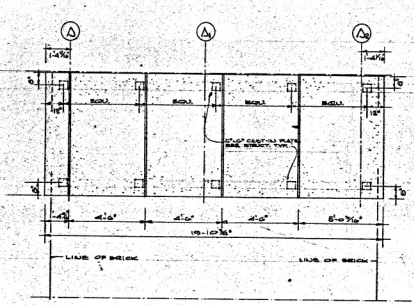
PANEL (2A)

SCALE : 3/16" = 1'-0"



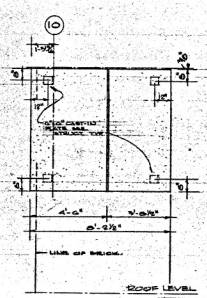
PANEL (2B)

SCALE : 3/16" = 1'-0"



PANEL (2C)

SCALE : 3/16" = 1'-0"



PANEL (2D)

SCALE 3/16" = 1'-0"

PRECAST CONC. PANEL DETAIL AT STAIR TOWER

NOTE:
SEE STRUCTURAL DWG'S. FOR ALL STRUCTURAL REINF. SIZE, SHAPE, LENGTH AND PANEL CONNECTION DETAILS

AS-BUILT

ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES

ARCHITECT
STANLEY T. LEWIS, ARCHITECT
7315 WISCONSIN AVE BETHESDA, MD. 657-4000

WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

PROJECT
PARKING GARAGE No. 5
SILVER SPRING, MARYLAND

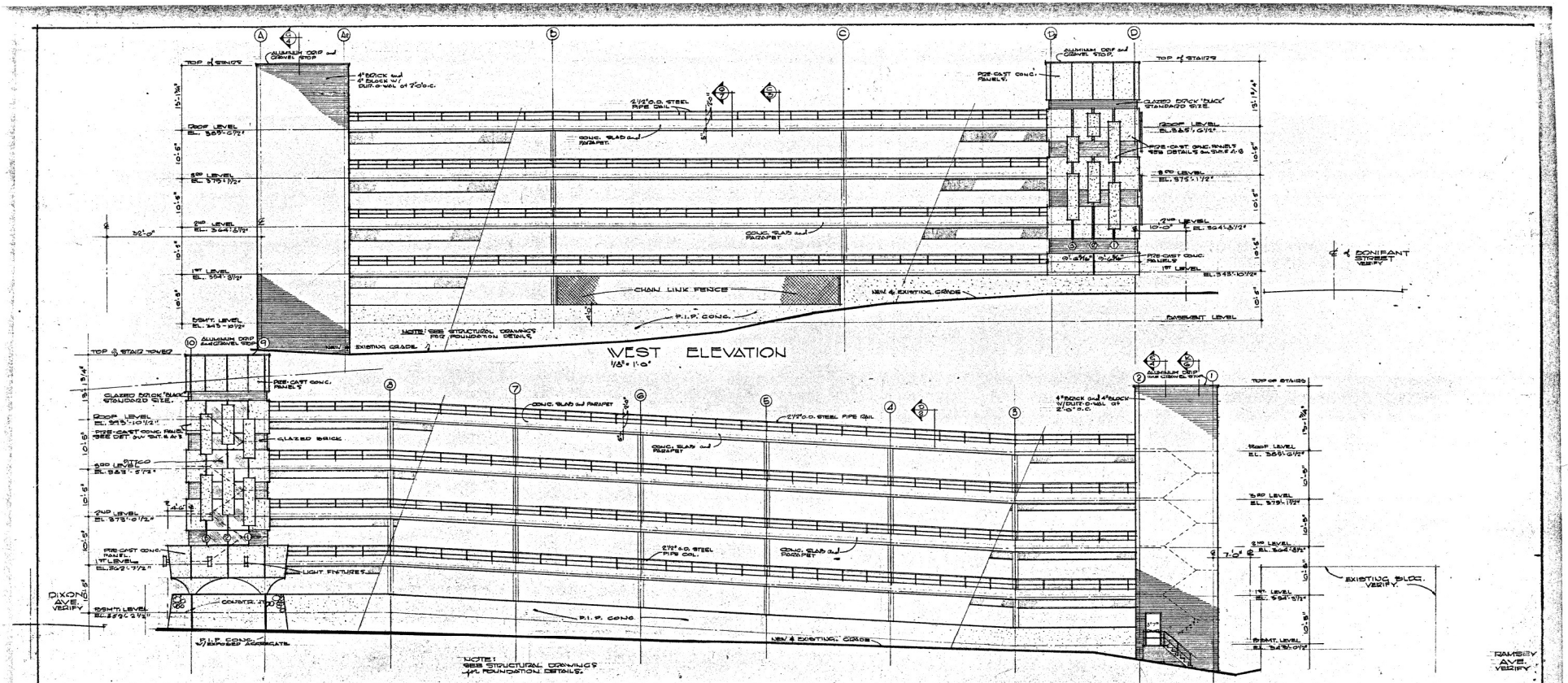
CLIENT
MONTGOMERY COUNTY, MD.

TITLE
TOWER PANEL PLAN VIEWS & ELEV.

RAMP ENGINEERING ASSOCIATES
consulting engineers
7315 WISCONSIN BOULEVARD, WASHINGTON, D.C.
JAMES W. SHAW, P.E. RICHARD C. DIMITRU, P.E.

DATE	DESCRIPTION	BY
	REVISIONS	

DES. CKD. JOB NO. 69-495
DWG. NO. A-10
SHEET NO. 37



NOTE: SEE STRUCTURAL DRAWINGS FOR FOUNDATION DETAILS.

NOTE: SEE STRUCTURAL DRAWINGS FOR FOUNDATION DETAILS.

ARCHITECT

STANLEY T. LEWIS, ARCHITECT

WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

PROJECT: PARKING GARAGE No. 5
SILVER SPRING MARYLAND

CLIENT: MONTGOMERY COUNTY, MD

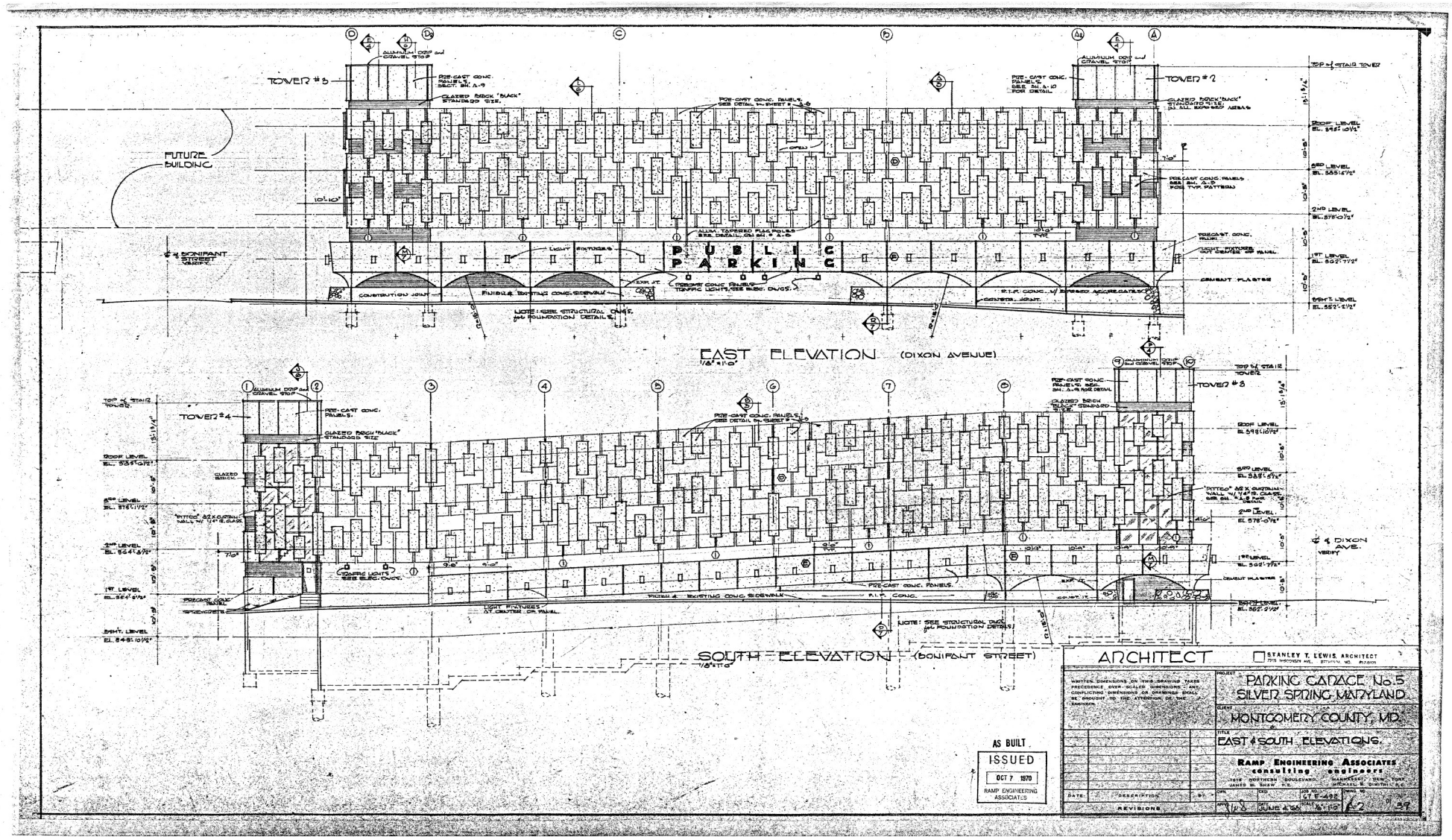
TITLE: WEST & NORTH ELEVATIONS

RAMP ENGINEERING ASSOCIATES
consulting engineers
1616 NORTHERN BOULEVARD MANHASSET, NEW YORK
JAMES W. SHAW P.E. MICHAEL S. BENITO P.E.

DWN. JWS CKD. JOB NO. 67E-492
DATE JUNE 4, '68 SCALE 1"=10'-0" DRWG NO. A-3 of 37

DATE	DESCRIPTION	BY
	REVISIONS	

AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES



TOWER #3
TOWER #2
TOWER #4
TOWER #3
FUTURE BUILDING
PUBLIC PARKING
EAST ELEVATION (DIXON AVENUE)
1/8"=1'-0"
SOUTH ELEVATION (BONIFANT STREET)
1/8"=1'-0"
ALUMINUM DRIP and GRAVEL STOP
PRE-CAST CONC. PANELS
CLAZED BRICK "BLACK" STANDARD SIZE
LIGHT FIXTURES
CONSTRUCTION JOINT
FINISH & EXISTING CONC. SIDEWALK
NOTE: SEE STRUCTURAL DWGS. for FOUNDATION DETAILS
CEMENT PLASTER
TOP of STAIR TOWER
ROOF LEVEL
3RD LEVEL
2ND LEVEL
1ST LEVEL
BSHT. LEVEL
℄ of BONIFANT STREET VERIFY
℄ of DIXON AVE. VERIFY
AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES
ARCHITECT
STANLEY T. LEWIS, ARCHITECT
WRITTEN DIMENSIONS ON THIS DRAWING TAKES PRECEDENCE OVER SCALED DIMENSIONS. ANY CONFLICTING DIMENSIONS OR DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
PROJECT
PARKING GARAGE No. 5
SILVER SPRING MARYLAND
CLIENT
MONTGOMERY COUNTY, MD.
TITLE
EAST & SOUTH ELEVATIONS.
RAMP ENGINEERING ASSOCIATES
consulting engineers
1515 NORTHERN BOULEVARD MANHASSET, NEW YORK
JAMES W. SHAW P.E. MICHAEL S. DIMITRI P.E.
DATE
DESCRIPTION
BY
REVISIONS
DWN.
CKD.
JOB NO. GT E-492
DATE JUNE 4 '68
SCALE 1/8"=1'-0"
DWG. NO. A-2 of 39

RECEIVED
JAN 8 1969
BUREAU OF PARKING

MONTGOMERY COUNTY GOVERNMENT

MARYLAND

MASON A. BUTCHER
COUNTY MANAGER

JOSEPH C. KORDELLA
DIRECTOR OF PUBLIC WORKS

PUBLIC PARKING GARAGE NO. 5

BONIFANT STREET & DIXON AVENUE
SILVER SPRING, MARYLAND

RAMP ENGINEERING ASSOCIATES
ENGINEERS AND DESIGNERS
1615 NORTHERN BOULEVARD, MANHASSET, NEW YORK

STANLEY T. LEWIS, ARCHITECT
CONSULTING ARCHITECT
7515 WISCONSIN AVE. BETHESDA, MD.

PROJECT NO. 67E-492

LIST OF DRAWINGS

CIVIL
C 1 — EXISTING & PROPOSED SITE PLANS

ARCHITECTURAL
A 2 — EAST & SOUTH ELEVATIONS
A 3 — WEST & NORTH ELEVATIONS
A 4 — DETAILS & SECTIONS
A 5 — DETAILS & SECTIONS
A 6 — FACADE TREATMENT ELEVATIONS
A 7 — WALL & PANEL SECTIONS
A 8 — WALL & PANEL SECTIONS
A 9 — ENTRANCE ELEVATION & WALKWAY SECTION
A 10 — TOWER PANEL PLAN VIEWS & ELEVATIONS

STRUCTURAL
S 11 — FOUNDATION PLAN
S 12 — FOOTING SECTIONS
S 13 — BASEMENT & 1ST LEVEL GENERAL PLANS
S 14 — 2ND & 3RD LEVEL GENERAL PLANS
S 15 — ROOF LEVEL GENERAL PLANS
S 16 — BASEMENT & 1ST LEVEL FRAMING PLANS
S 17 — 2ND & 3RD LEVEL FRAMING PLANS
S 18 — ROOF LEVEL & TOWER FRAMING PLANS
S 19 — THRU SECTIONS — LINE A & B
S 20 — " " — LINE C & D
S 21 — TOWER No. 1 & No. 4 PLAN VIEWS
S 22 — " " " THRU SECTIONS
S 23 — TOWER No. 2 & No. 3 PLAN VIEWS
S 24 — " " " THRU SECTIONS
S 25 — TOWER DETAILS & SECTIONS
S 26 — COLUMN SCHEDULE & DETAILS
S 27 — CONNECTION DETAILS
S 28 — FRAMING & CONNECTION DETAILS
S 29 — PRECAST PANEL REINFORCING & CONNECTIONS
S 30 — OFFICE AREA & FINISH SCHEDULE

MECHANICAL
M 31 — BASEMENT & 1ST LEVEL PLUMBING PLANS
M 32 — 2ND & 3RD LEVEL PLUMBING PLANS
M 33 — ROOF LEVEL PLUMBING PLAN
M 34 — PLUMBING & DRAINAGE DETAILS

ELECTRICAL
E 35 — ELECTRICAL SITE PLAN & SYMBOLS
E 36 — " BASEMENT & 1ST LEVEL PLANS
E 37 — " 2ND & 3RD LEVEL PLANS
E 38 — " ROOF LEVEL PLAN & DETAILS
E 39 — " SCHEDULE & DETAILS

AS BUILT
ISSUED
OCT 7 1970
RAMP ENGINEERING ASSOCIATES

SECTION NUMBER
DWG. NO. SECTION SHOWN ON
DWG. NO. SECTION TAKEN FROM